

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082883.D
 Acq On : 10 Nov 2015 21:44
 Operator : UM/IZ
 Sample : G4325-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Quant Time: Nov 13 17:36:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	238982	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	917211	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	475684	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	914157	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	736845	20.00	ng	-0.03
86) Perylene-d12	15.40	264	653756	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1633292	106.34	ng	-0.01
7) Phenol-d6	6.46	99	2099568	102.82	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1616931	76.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	603775	110.70	ng	-0.02
44) 2-Fluorobiphenyl	9.18	172	2299893	69.30	ng	-0.03
78) Terphenyl-d14	12.93	244	2480682	79.85	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	255416	38.54	ng	# 82
3) Pyridine	3.24	79	451961	23.50	ng	91
4) n-Nitrosodimethylamine	3.16	42	329125	34.51	ng	# 70
6) Aniline	6.48	93	221802	7.74	ng	# 1
8) 2-Chlorophenol	6.61	128	629558	36.97	ng	99
9) Benzaldehyde	6.59	77	45857	4.07	ng	87
10) Phenol	6.48	94	746283	32.21	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	679474	39.22	ng	93
12) 1,3-Dichlorobenzene	6.83	146	655426	34.13	ng	96
13) 1,4-Dichlorobenzene	6.83	146	655426	32.80	ng	99
14) 1,2-Dichlorobenzene	6.99	146	668727	36.80	ng	99
15) Benzyl Alcohol	6.97	79	687776	38.35	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1036278	40.77	ng	95
17) 2-Methylphenol	7.08	107	548480	38.03	ng	98
18) Hexachloroethane	7.33	117	252809	35.38	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	509868	33.97	ng	88
20) 3+4-Methylphenols	7.24	107	709621	37.85	ng	# 68
22) Acetophenone	7.23	105	937653	35.68	ng	# 95
24) Nitrobenzene	7.40	77	787816	36.55	ng	93
25) Isophorone	7.64	82	1447993	37.13	ng	97
26) 2-Nitrophenol	7.72	139	373825	41.55	ng	# 65
27) 2,4-Dimethylphenol	7.77	122	635388	39.30	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	864236	39.28	ng	98
29) 2,4-Dichlorophenol	7.97	162	573833	39.27	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	605094	36.82	ng	# 94
31) Naphthalene	8.12	128	1791027	35.39	ng	99
32) Benzoic acid	7.90	122	458717	41.44	ng	87
33) 4-Chloroaniline	8.18	127	85371	3.91	ng	# 85
34) Hexachlorobutadiene	8.25	225	349541	33.99	ng	99
35) Caprolactam	8.54	113	123358	26.78	ng	# 89
36) 4-Chloro-3-methylphenol	8.67	107	672535	39.14	ng	87
37) 2-Methylnaphthalene	8.82	142	1216861	37.17	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	612647	39.19	ng	99
40) Hexachlorocyclopentadiene	8.98	237	553686	65.93	ng	98

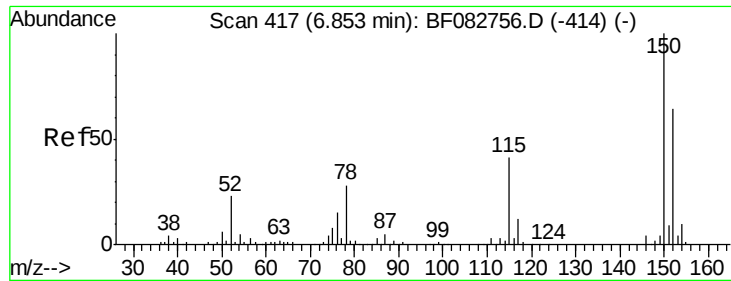
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	474556	40.67	ng	98
43) 2,4,5-Trichlorophenol	9.15	196	432116	37.44	ng #	88
45) 1,1'-Biphenyl	9.29	154	1584030	38.81	ng	98
46) 2-Chloronaphthalene	9.31	162	1268260	39.83	ng	99
47) 2-Nitroaniline	9.40	65	426843	36.14	ng #	82
48) Acenaphthylene	9.72	152	1806017	36.19	ng	99
49) Dimethylphthalate	9.60	163	1603669	41.15	ng #	98
50) 2,6-Dinitrotoluene	9.64	165	333174	40.07	ng	93
51) Acenaphthene	9.89	154	1295866	40.98	ng	99
52) 3-Nitroaniline	9.81	138	119627	13.08	ng #	65
53) 2,4-Dinitrophenol	9.92	184	394132	86.32	ng #	29
54) Dibenzofuran	10.06	168	1584643	37.17	ng	94
55) 4-Nitrophenol	9.98	139	454631	64.80	ng	83
56) 2,4-Dinitrotoluene	10.05	165	479503	42.50	ng	90
57) Fluorene	10.41	166	1225507	35.49	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	396041	42.05	ng #	87
59) Diethylphthalate	10.29	149	1489764	39.15	ng	99
60) 4-Chlorophenyl-phenylether	10.41	204	646529	37.42	ng	95
61) 4-Nitroaniline	10.43	138	311250	33.84	ng #	76
62) Azobenzene	10.57	77	1736317	42.48	ng	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	280102	43.01	ng	77
65) n-Nitrosodiphenylamine	10.52	169	1107078	33.52	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	393868	35.78	ng #	72
67) Hexachlorobenzene	10.96	284	427430	34.78	ng #	85
68) Atrazine	11.06	200	388924	38.08	ng	91
69) Pentachlorophenol	11.15	266	494270	66.22	ng	98
70) Phenanthrene	11.37	178	1888498	35.57	ng	99
71) Anthracene	11.42	178	2129013	38.07	ng	99
72) Carbazole	11.57	167	1798925	36.75	ng	99
73) Di-n-butylphthalate	11.92	149	2471288	40.52	ng	98
74) Fluoranthene	12.56	202	2185816	38.37	ng	98
76) Benzidine	12.67	184	393215	15.92	ng	98
77) Pyrene	12.79	202	2235559	44.18	ng	100
79) Butylbenzylphthalate	13.41	149	1139038	50.95	ng #	76
80) Benzo(a)anthracene	13.97	228	1812029	39.33	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	347643	21.22	ng #	97
82) Chrysene	14.01	228	1599221	37.89	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	1351767	44.18	ng	99
84) Di-n-octyl phthalate	14.59	149	2521621	49.41	ng	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	1569508	43.18	ng #	96
87) Benzo(b)fluoranthene	15.03	252	2999267	71.47	ng #	96
88) Benzo(k)fluoranthene	15.03	252	3000537	80.60	ng #	95
89) Benzo(a)pyrene	15.35	252	1428551	39.29	ng	98
90) Dibenzo(a,h)anthracene	16.80	278	1315052	42.71	ng #	98
91) Benzo(g,h,i)perylene	17.20	276	1294277	43.89	ng #	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

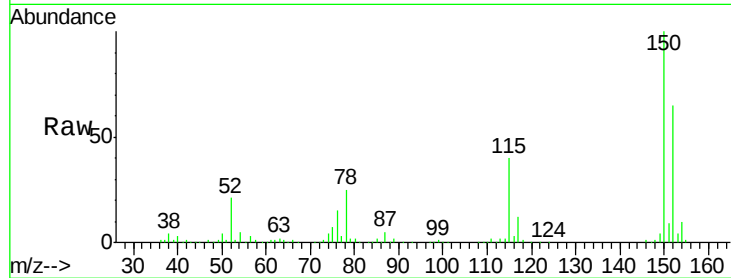
Tgt Ion:152 Resp: 238982

Ion Ratio Lower Upper

152 100

150 154.4 127.0 190.4

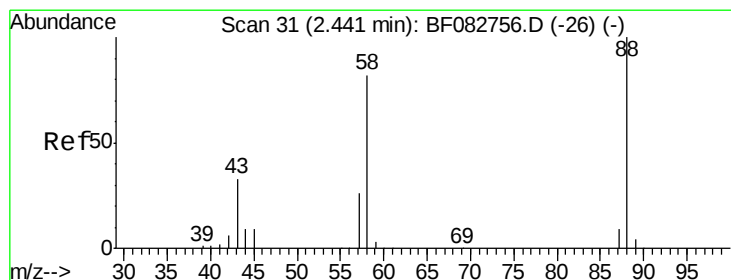
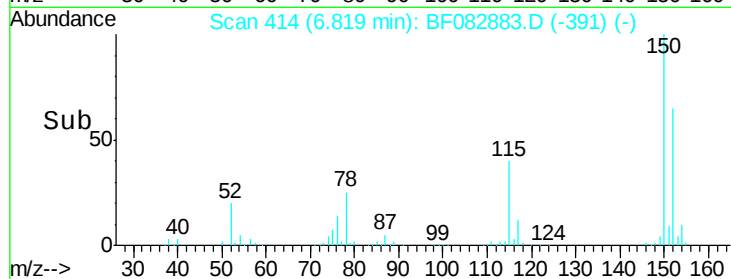
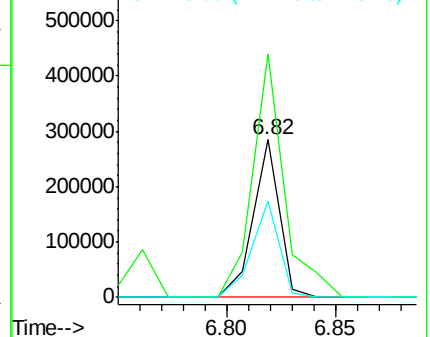
115 61.1 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.54 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.13 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

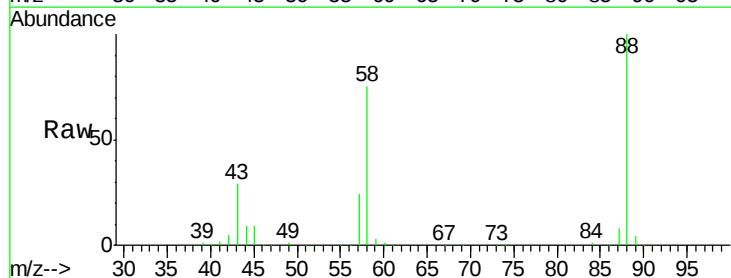
Tgt Ion: 88 Resp: 255416

Ion Ratio Lower Upper

88 100

58 78.2 62.0 93.0

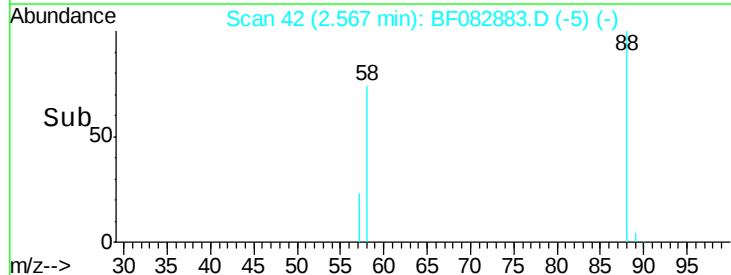
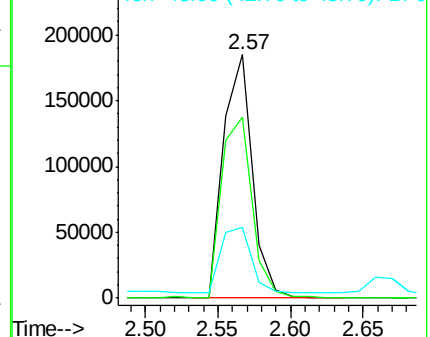
43 0.0 26.6 40.0#

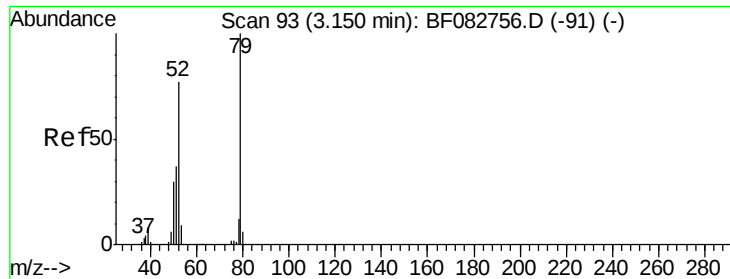


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.50 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

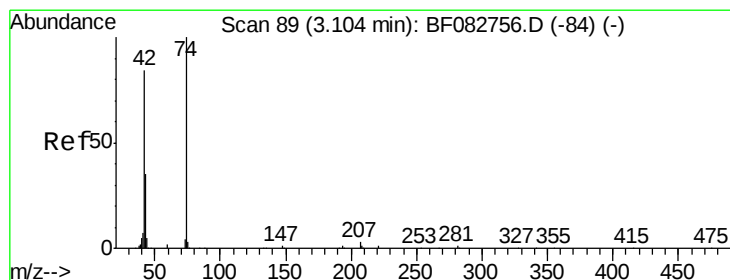
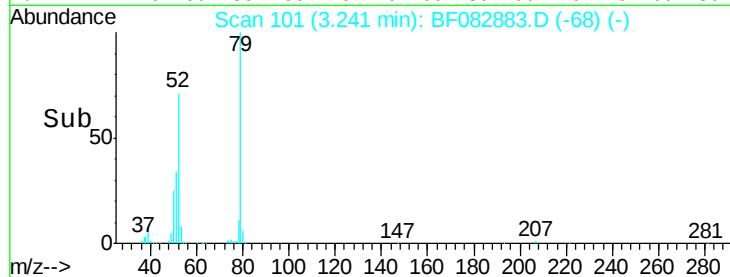
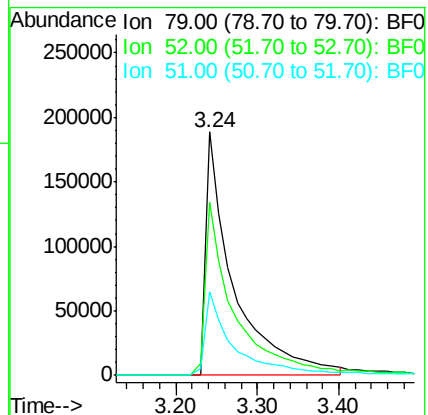
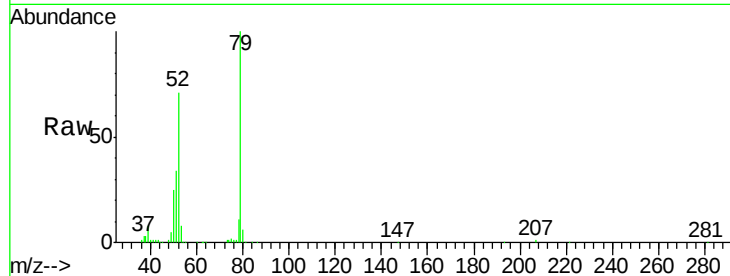
Tgt Ion: 79 Resp: 451961

Ion Ratio Lower Upper

79 100

52 71.4 62.8 94.2

51 34.3 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 34.51 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.07 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

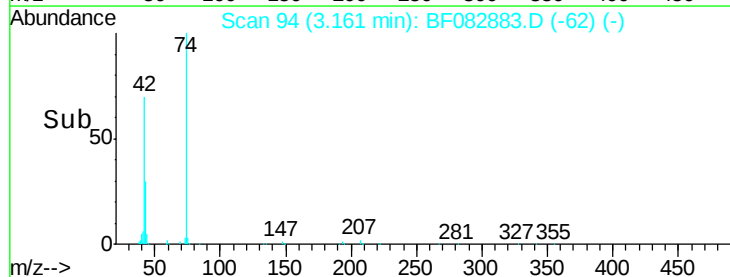
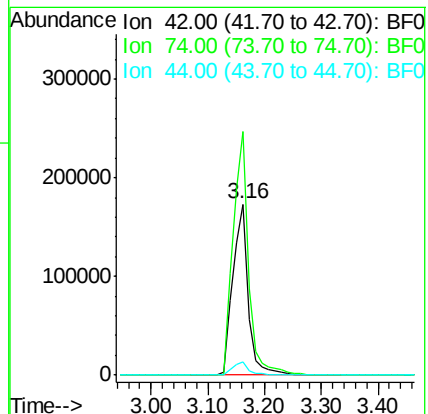
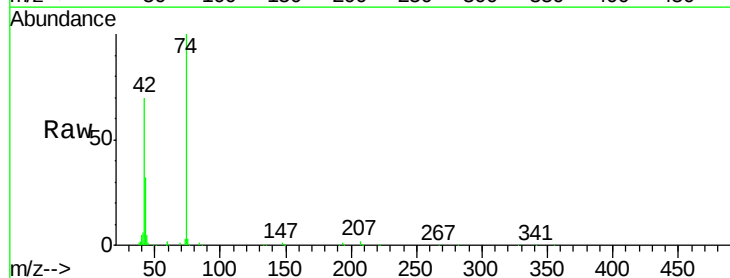
Tgt Ion: 42 Resp: 329125

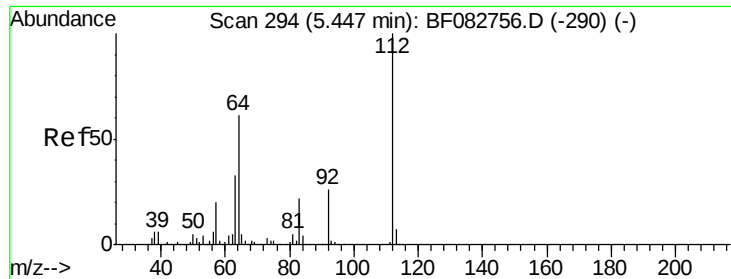
Ion Ratio Lower Upper

42 100

74 142.3 87.0 130.4#

44 7.5 5.8 8.8





#5

2-Fluorophenol

Concen: 106.34 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

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LAR9862-AMSD

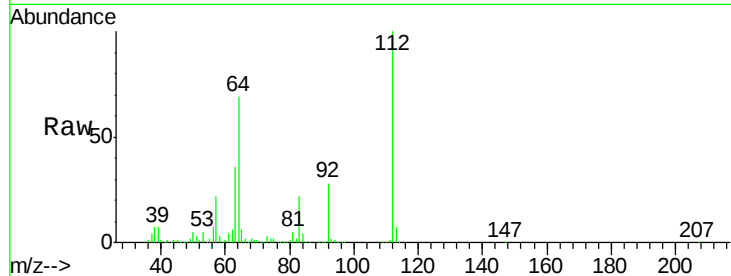
Tgt Ion: 112 Resp: 1633292

Ion Ratio Lower Upper

112 100

64 69.3 48.9 73.3

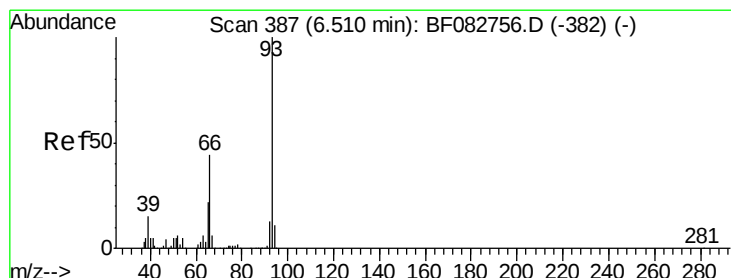
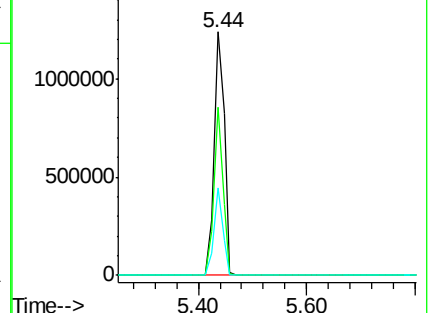
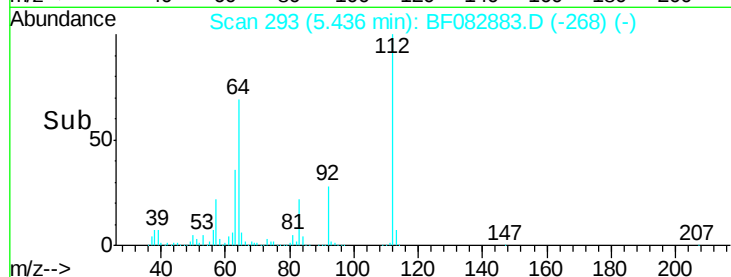
63 35.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.74 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

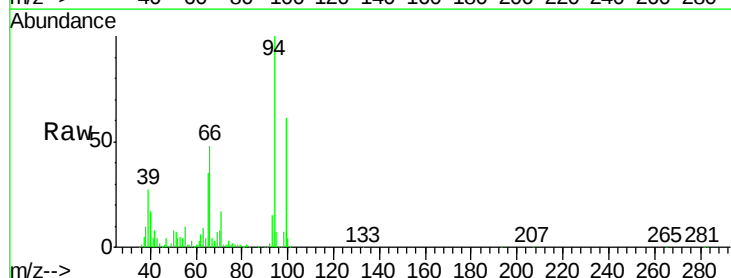
Tgt Ion: 93 Resp: 221802

Ion Ratio Lower Upper

93 100

66 325.1 33.6 50.4#

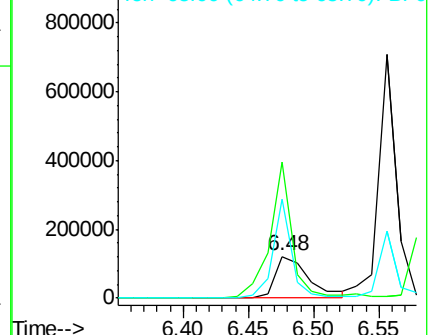
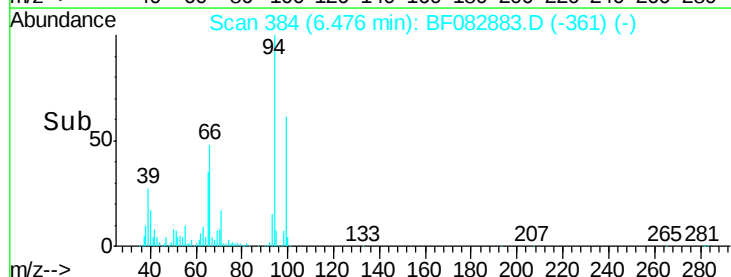
65 237.8 18.1 27.1#

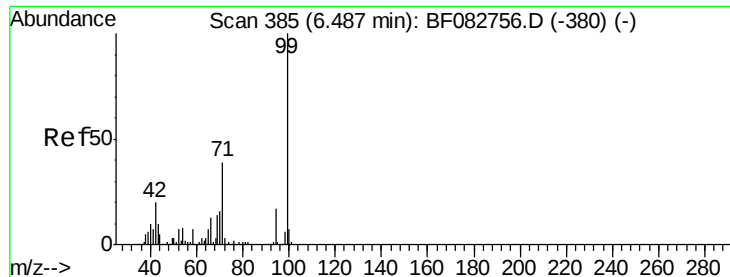


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.82 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

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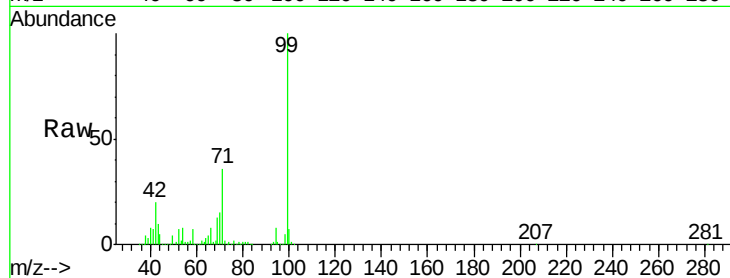
Tgt Ion: 99 Resp: 2099568

Ion Ratio Lower Upper

99 100

42 19.6 19.2 28.8

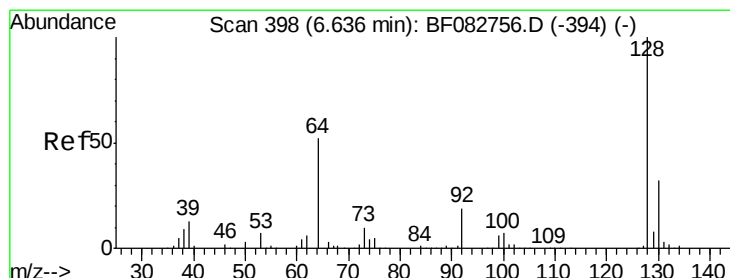
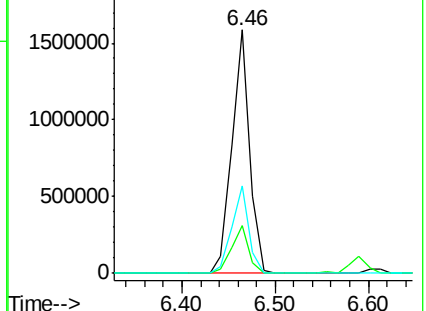
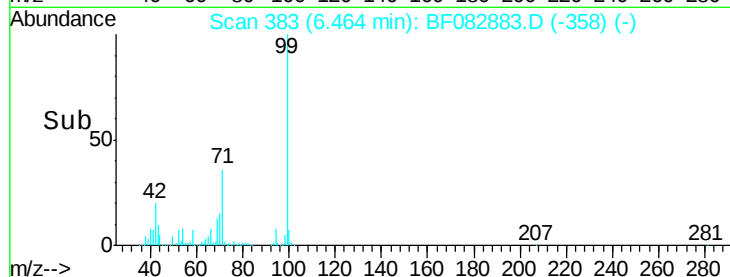
71 36.1 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.97 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

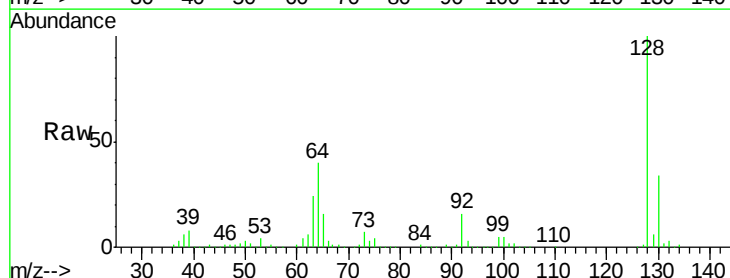
Tgt Ion: 128 Resp: 629558

Ion Ratio Lower Upper

128 100

130 33.6 13.5 53.5

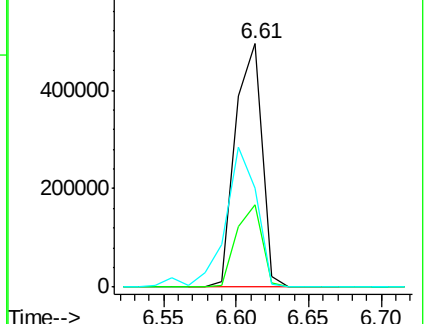
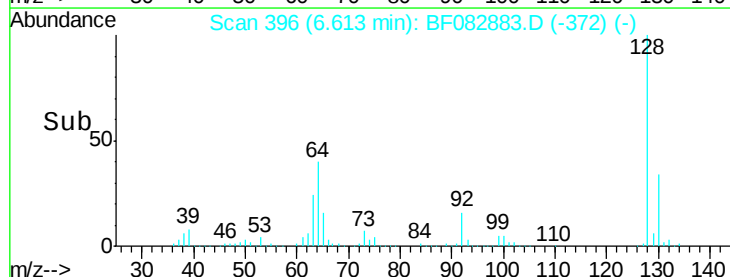
64 40.4 21.1 61.1

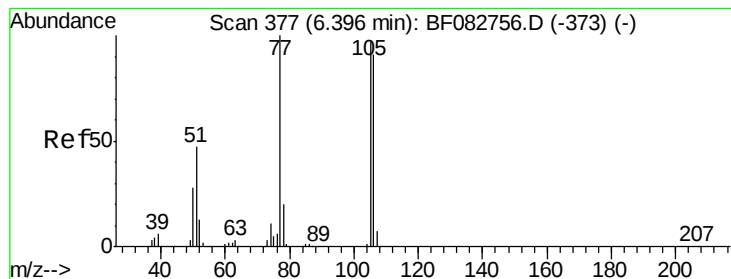


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.07 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.20 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

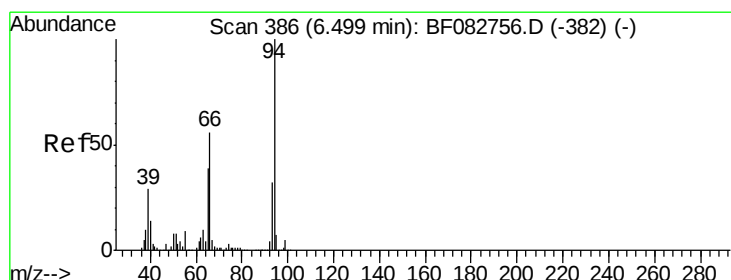
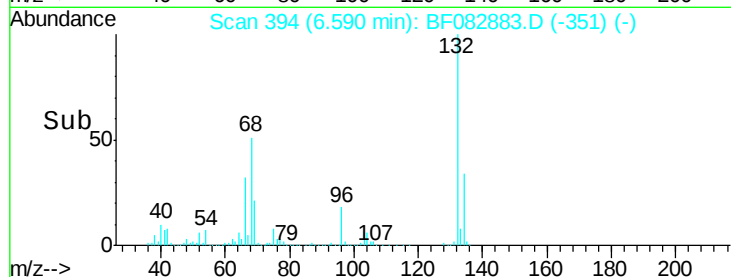
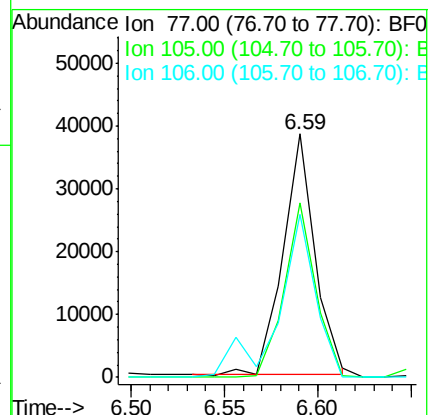
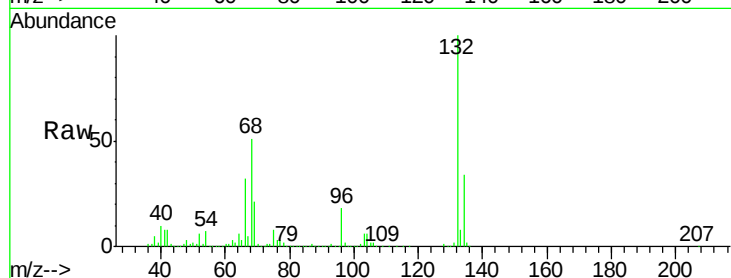
Tgt Ion: 77 Resp: 45857

Ion Ratio Lower Upper

77 100

105 71.8 63.5 103.5

106 67.1 59.3 99.3



#10

Phenol

Concen: 32.21 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

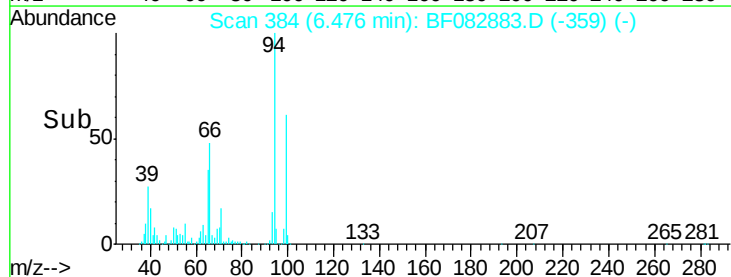
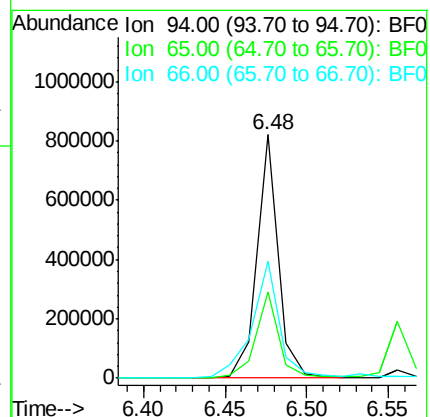
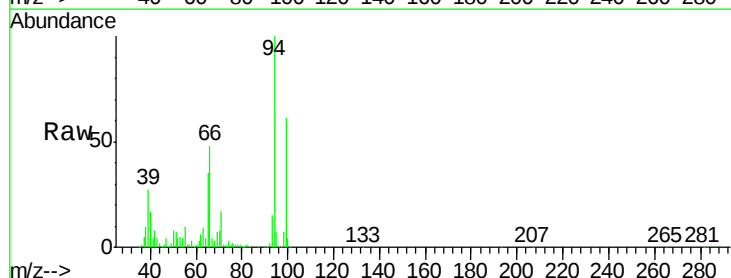
Tgt Ion: 94 Resp: 746283

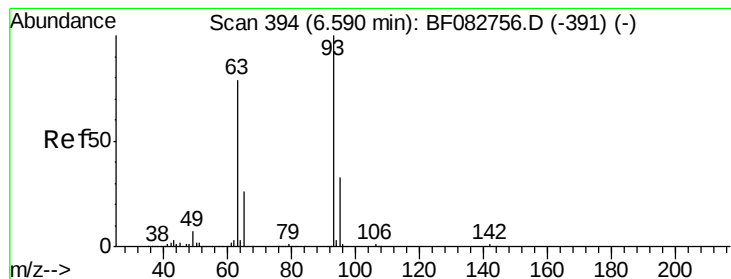
Ion Ratio Lower Upper

94 100

65 35.2 18.9 58.9

66 48.2 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 39.22 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

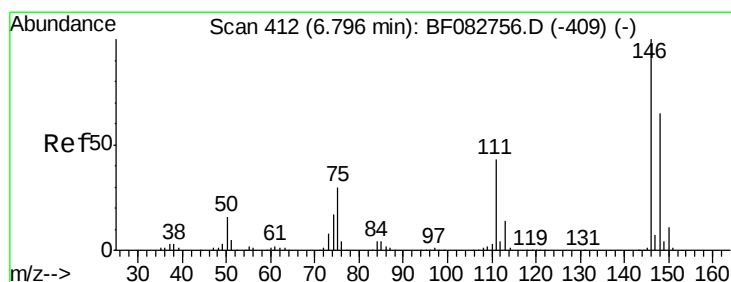
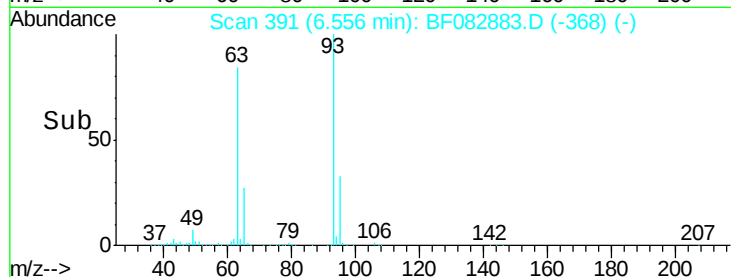
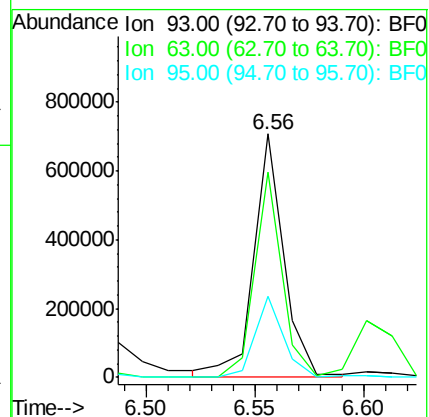
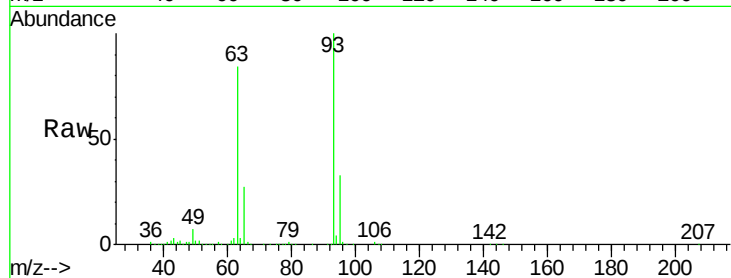
Tgt Ion: 93 Resp: 679474

Ion Ratio Lower Upper

93 100

63 84.2 72.7 112.7

95 33.1 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 34.13 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

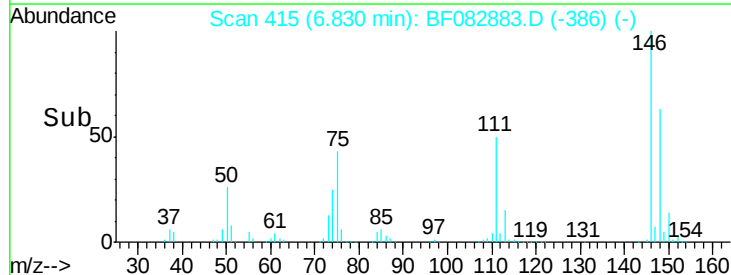
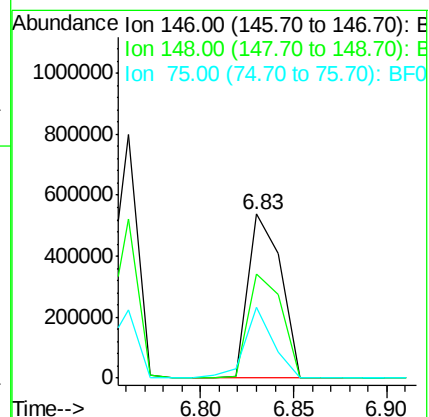
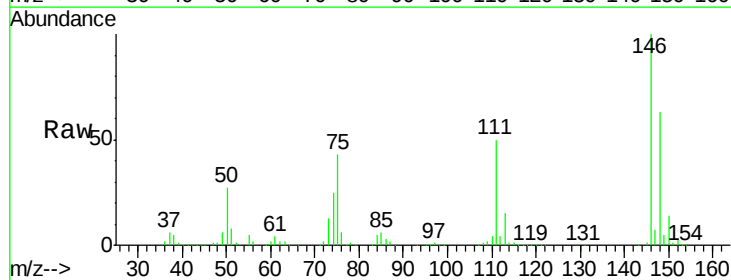
Tgt Ion: 146 Resp: 655426

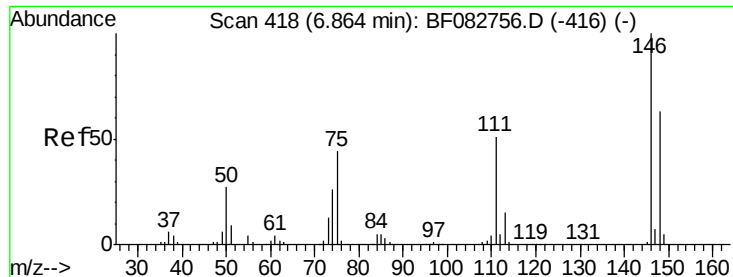
Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

75 43.3 39.5 59.3

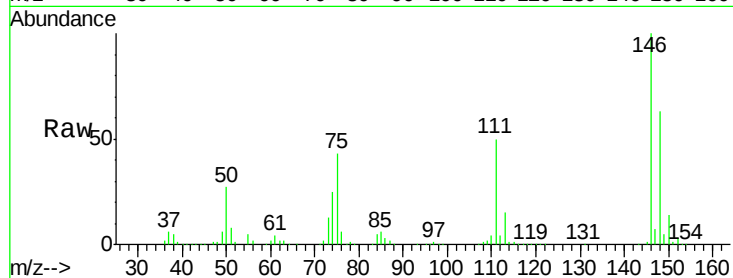




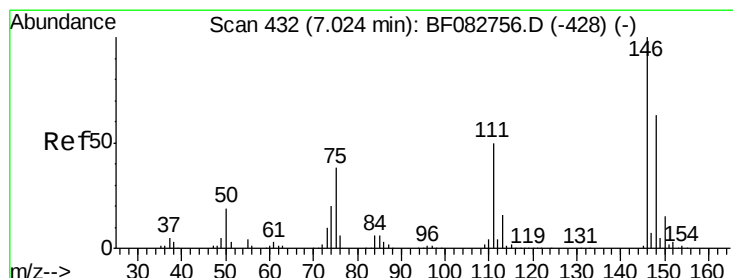
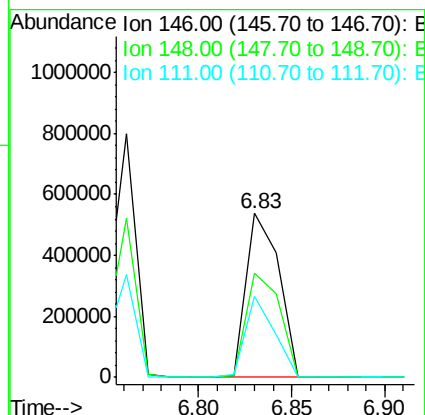
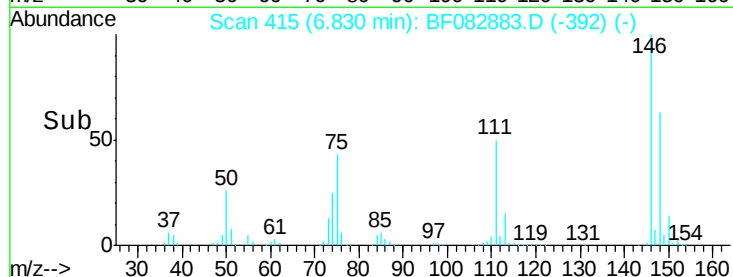
#13
 1,4-Dichlorobenzene
 Concen: 32.80 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tgt Ion:146 Resp: 655426
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 49.6 40.6 60.8

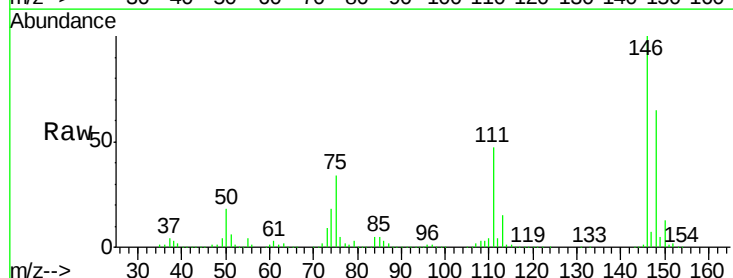


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

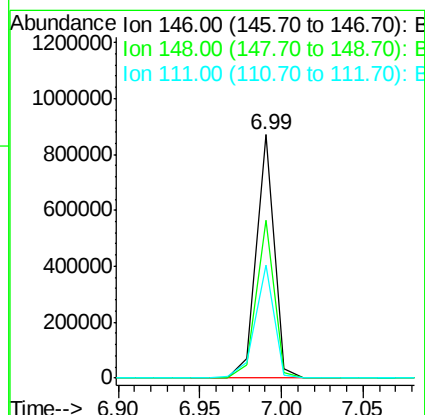
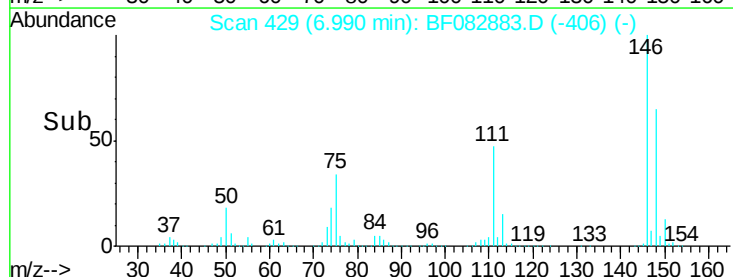


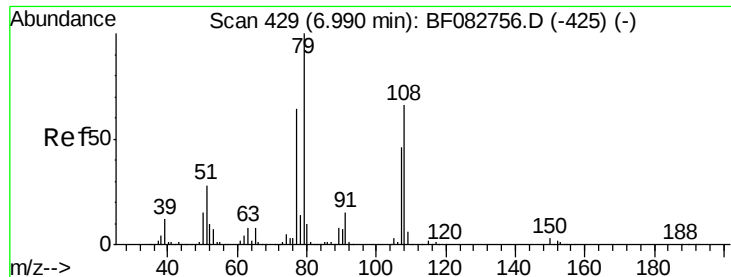
#14
 1,2-Dichlorobenzene
 Concen: 36.80 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:146 Resp: 668727
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 46.6 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.35 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

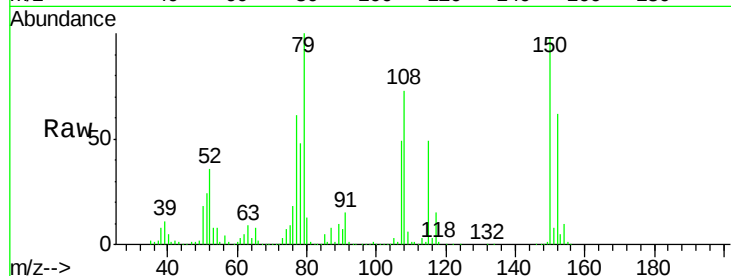
Tgt Ion: 79 Resp: 687776

Ion Ratio Lower Upper

79 100

108 72.7 52.2 78.4

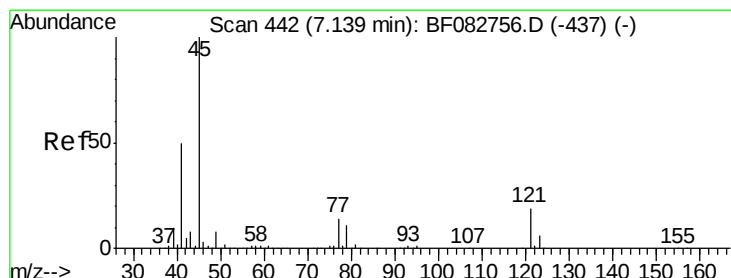
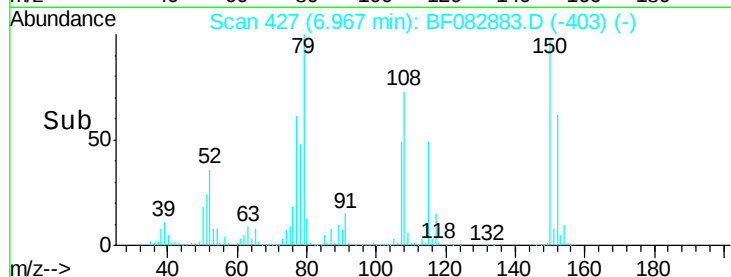
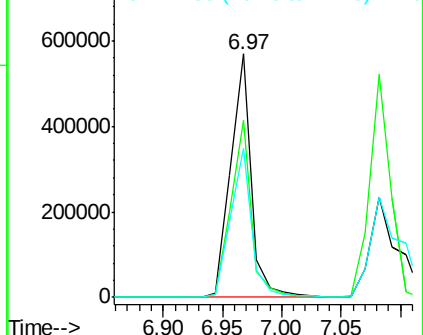
77 61.3 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.77 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

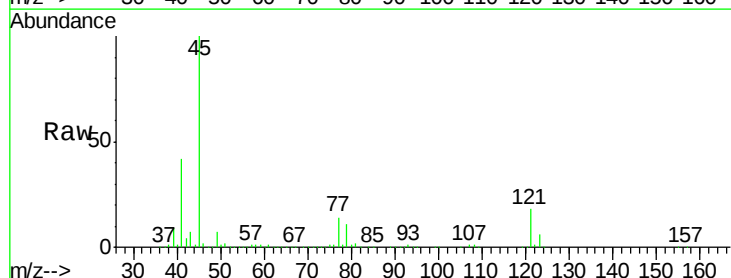
Tgt Ion: 45 Resp: 1036278

Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.6

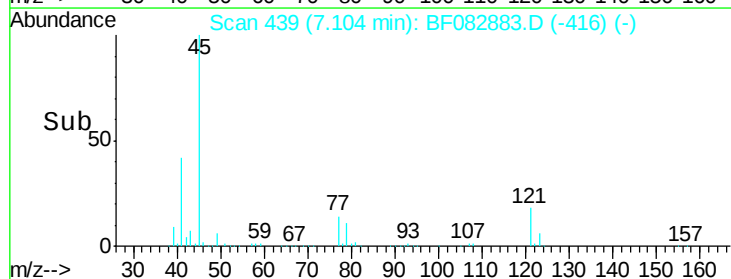
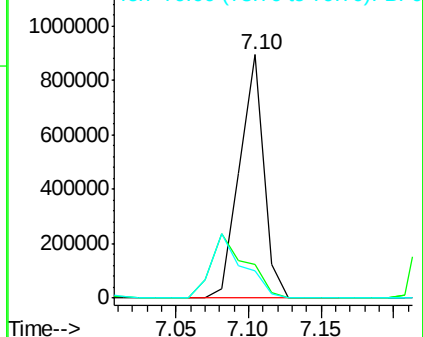
79 11.3 0.0 29.2

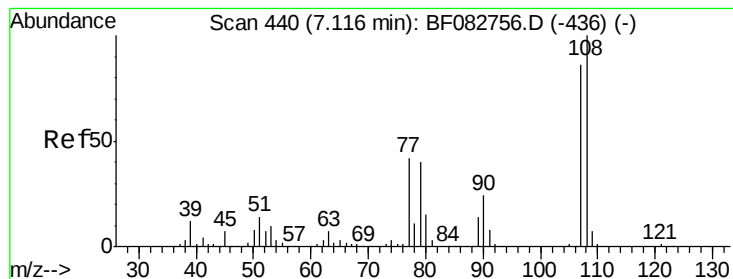


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

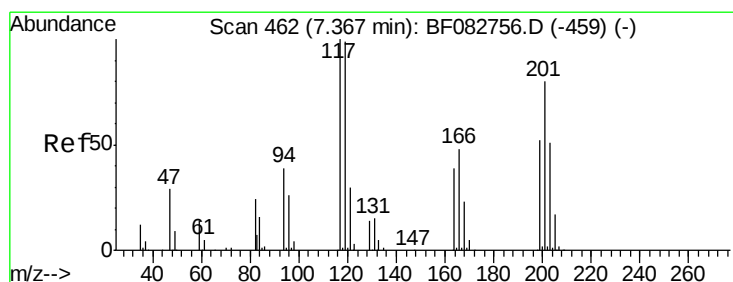
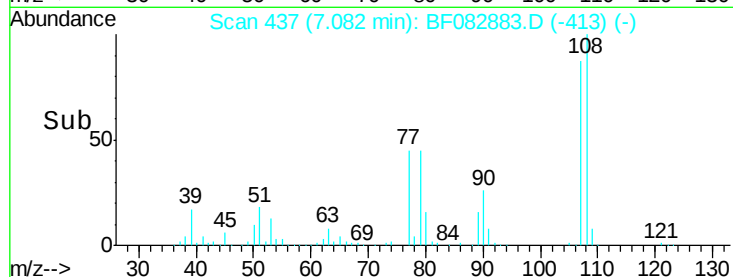
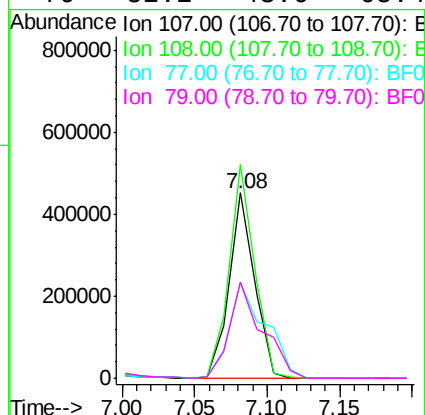
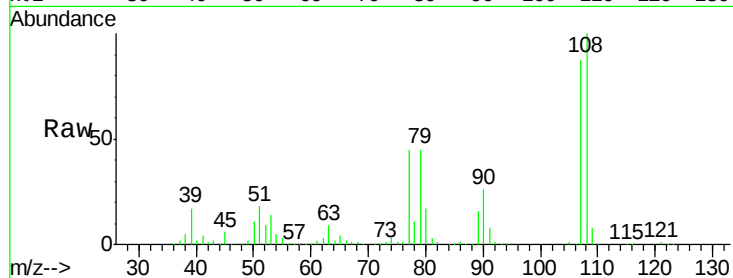




#17
2-Methylphenol
Concen: 38.03 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

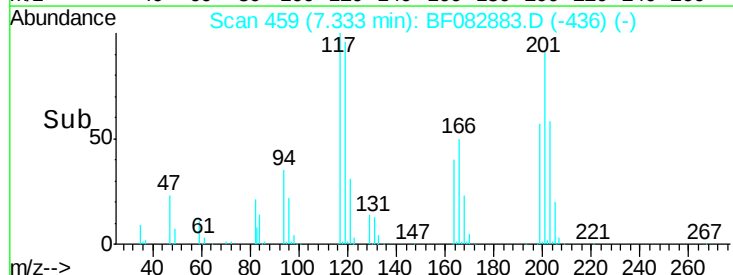
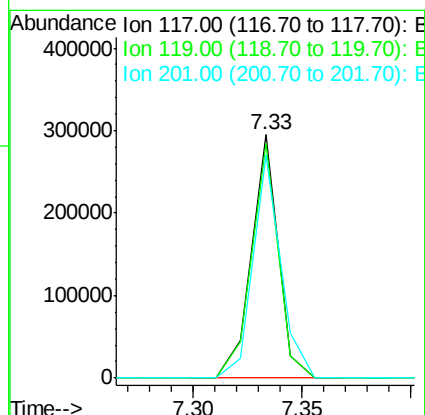
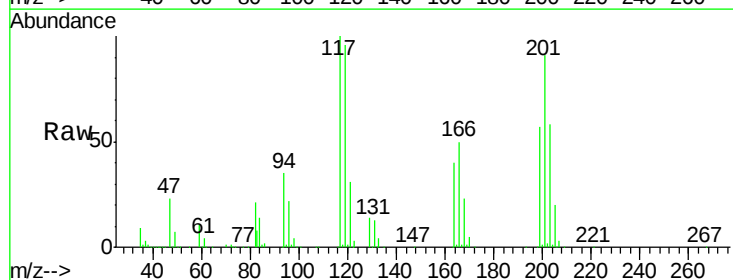
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

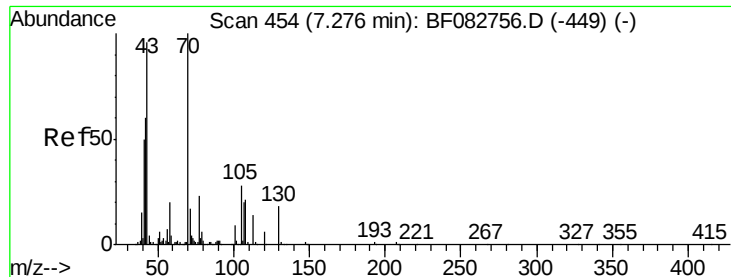
Tgt Ion:	107	Resp:	548480
Ion	Ratio	Lower	Upper
107	100		
108	115.3	93.0	139.4
77	52.1	44.1	66.1
79	52.2	43.6	65.4



#18
Hexachloroethane
Concen: 35.38 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:	117	Resp:	252809
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.7	116.5
201	91.5	66.7	100.1

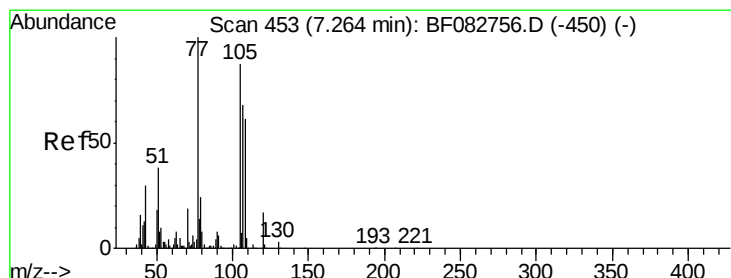
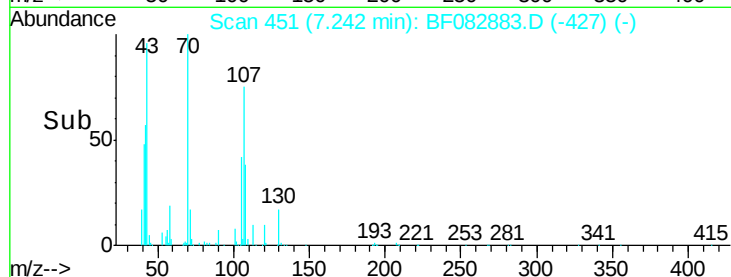
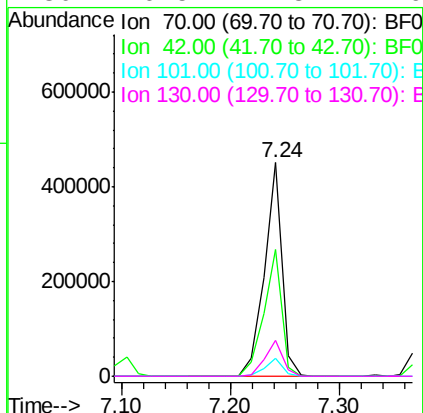
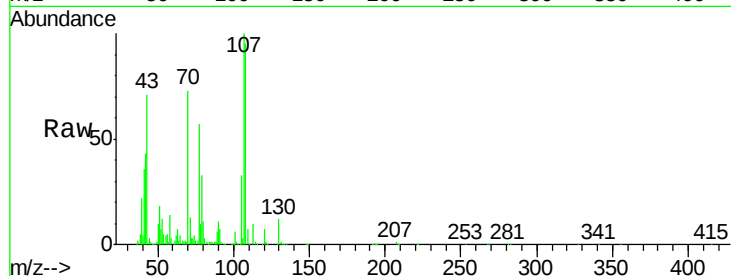




#19
n-Nitroso-di-n-propylamine
Concen: 33.97 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

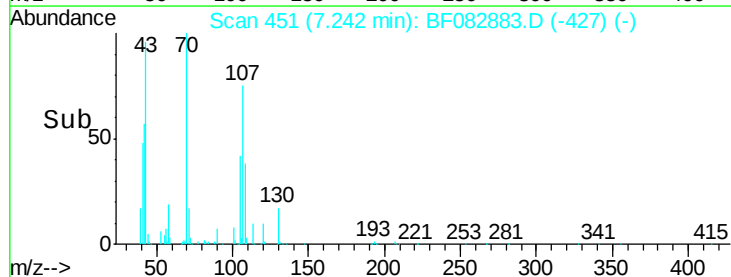
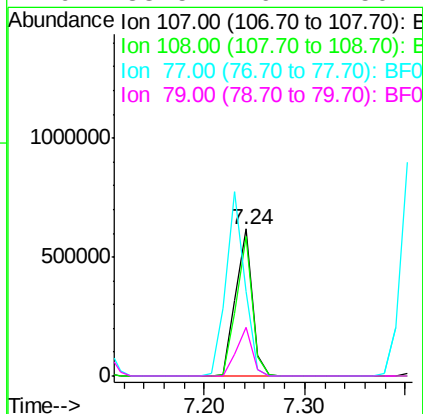
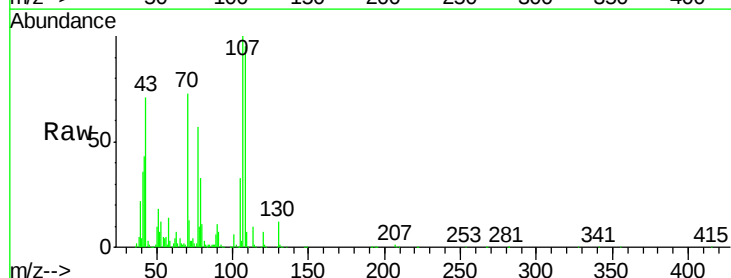
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

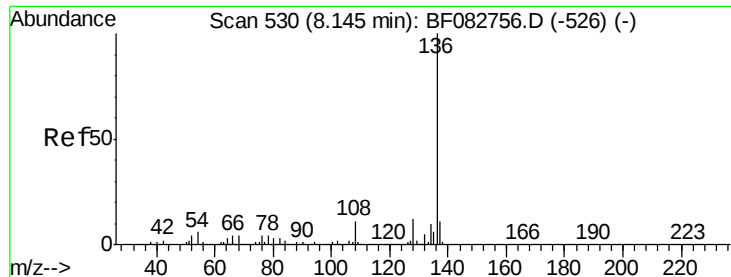
Tgt Ion: 70 Resp: 509868
Ion Ratio Lower Upper
70 100
42 59.4 57.7 86.5
101 8.4 7.0 10.6
130 16.5 11.8 17.6



#20
3+4-Methylphenols
Concen: 37.85 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion: 107 Resp: 709621
Ion Ratio Lower Upper
107 100
108 95.0 67.3 107.3
77 57.1 100.3 140.3#
79 33.5 16.2 56.2

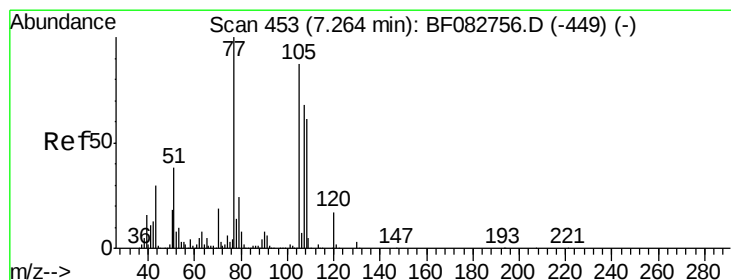
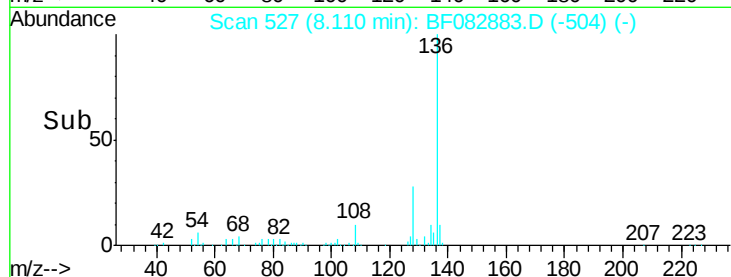
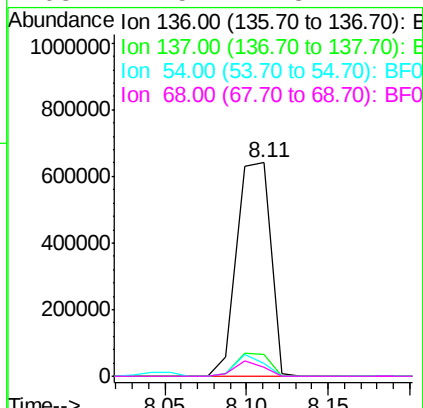
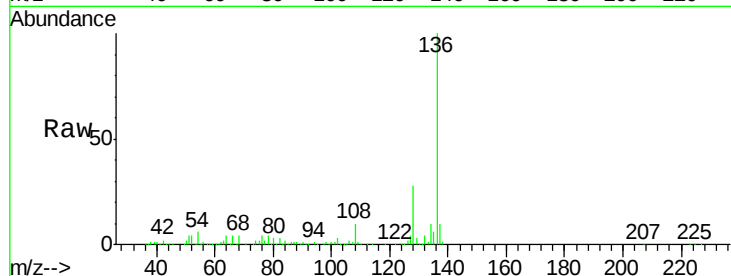




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

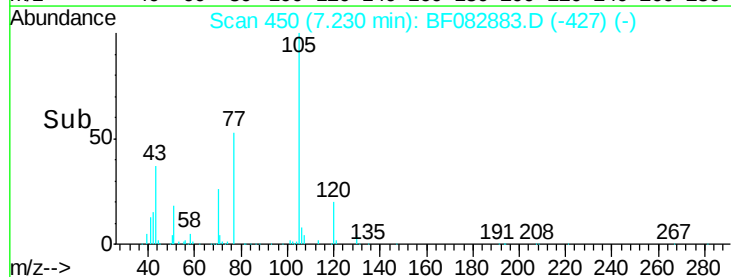
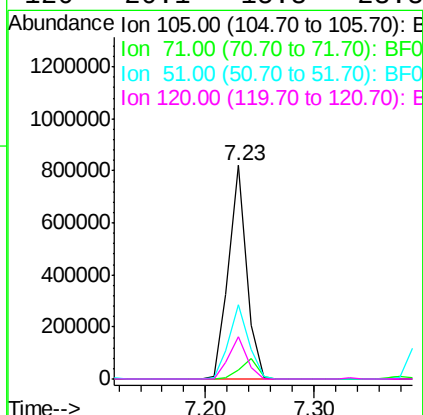
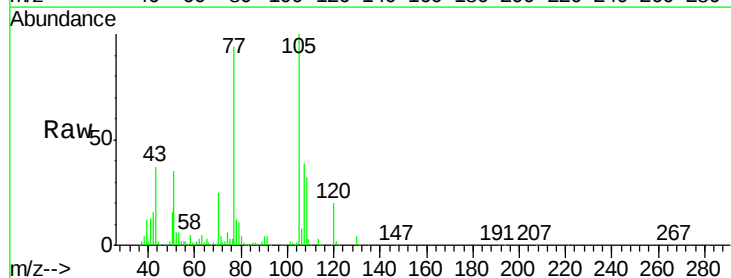
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

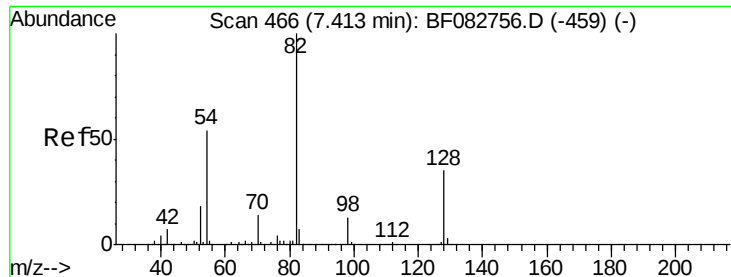
Tgt Ion:	136	Resp:	917211
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	6.1	9.1	13.7#
68	4.5	4.8	7.2#



#22
Acetophenone
Concen: 35.68 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:	105	Resp:	937653
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.6	8.4#
51	34.6	24.9	37.3
120	20.1	15.8	23.8

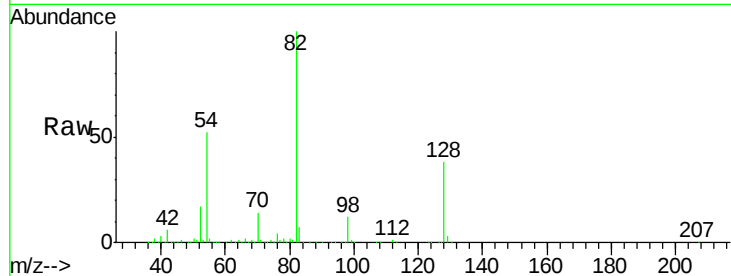




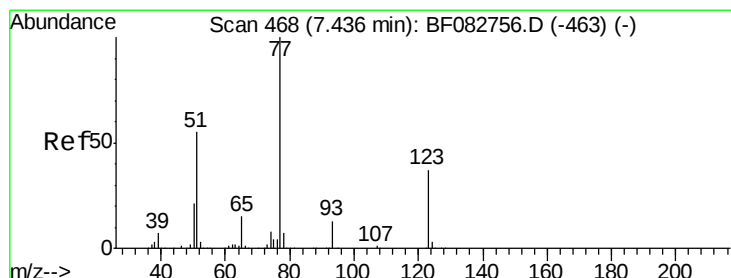
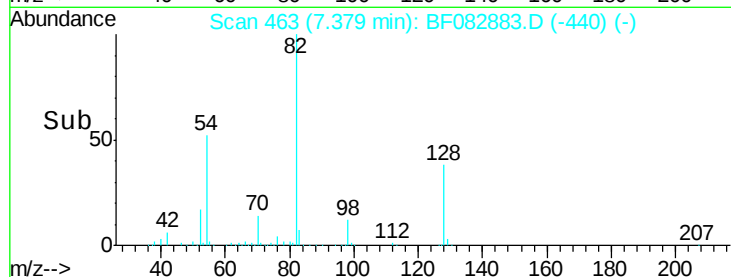
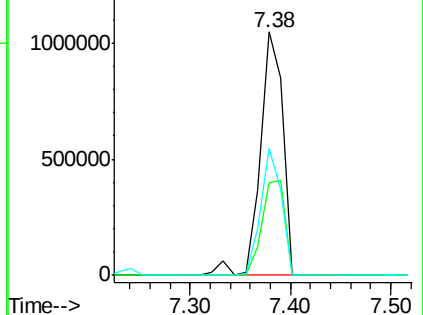
#23
 Nitrobenzene-d5
 Concen: 76.71 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tgt Ion: 82 Resp: 1616931
 Ion Ratio Lower Upper
 82 100
 128 38.2 26.8 40.2
 54 52.3 45.7 68.5

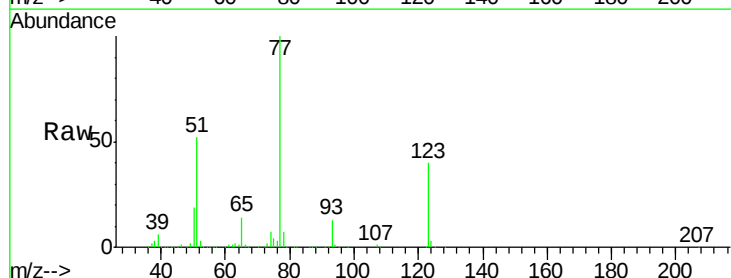


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

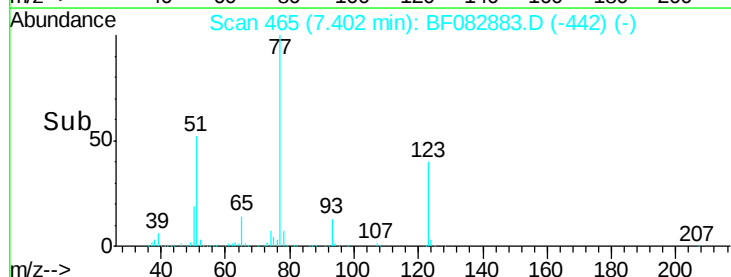
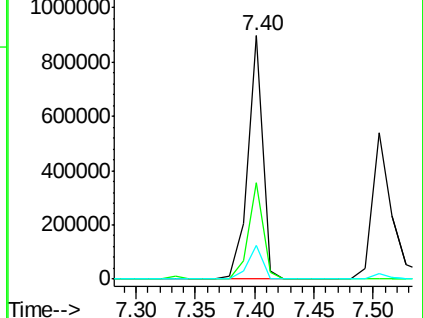


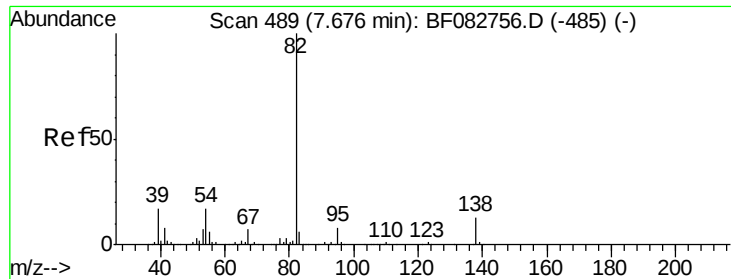
#24
 Nitrobenzene
 Concen: 36.55 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion: 77 Resp: 787816
 Ion Ratio Lower Upper
 77 100
 123 39.8 36.4 54.6
 65 13.9 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.13 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

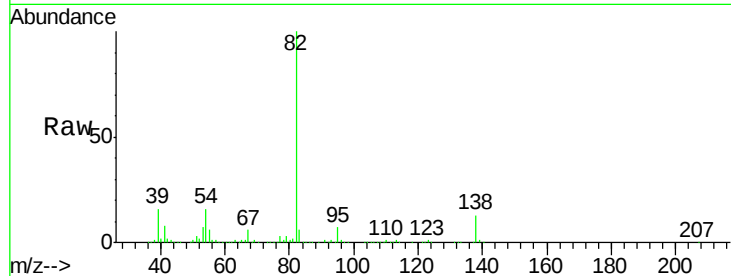
Tgt Ion: 82 Resp: 1447993

Ion Ratio Lower Upper

82 100

95 6.8 6.6 9.8

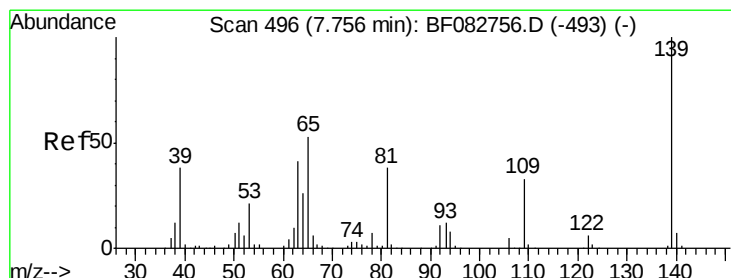
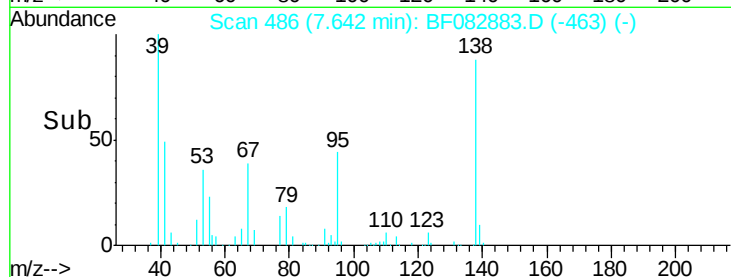
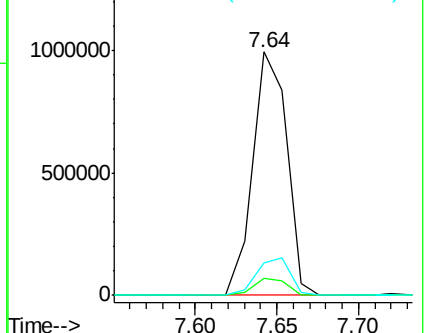
138 13.5 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.55 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

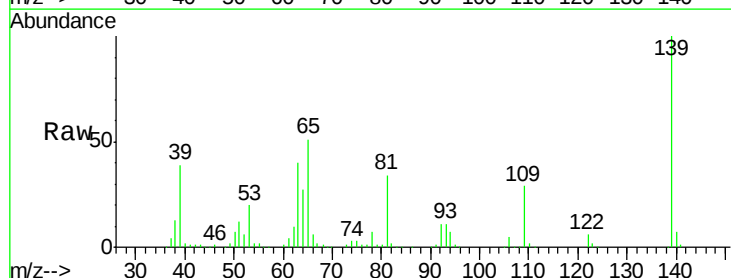
Tgt Ion: 139 Resp: 373825

Ion Ratio Lower Upper

139 100

109 28.9 37.6 56.4#

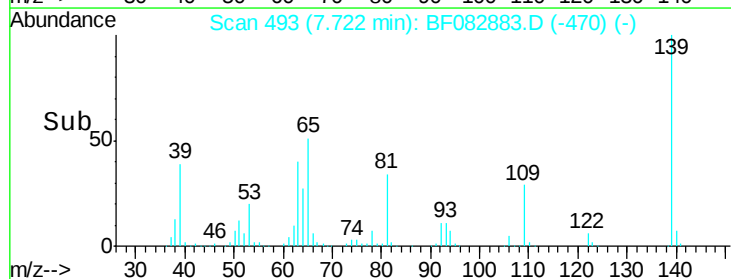
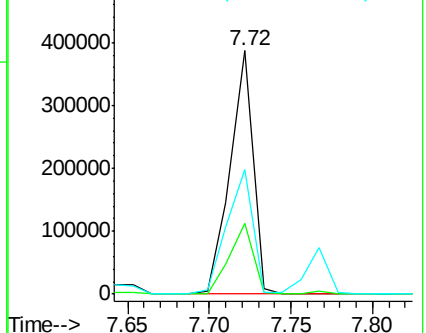
65 51.2 70.6 105.8#

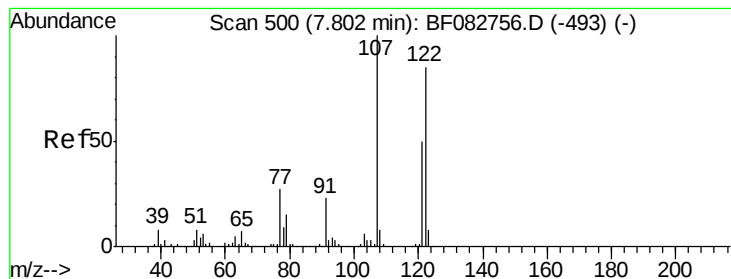


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.30 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

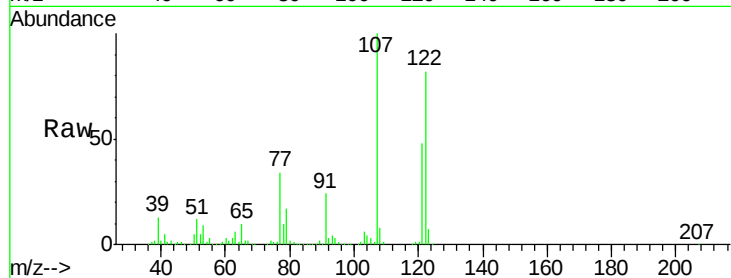
Tgt Ion:122 Resp: 635388

Ion Ratio Lower Upper

122 100

107 122.0 106.0 159.0

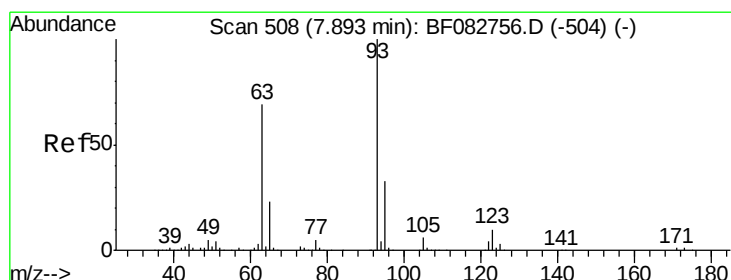
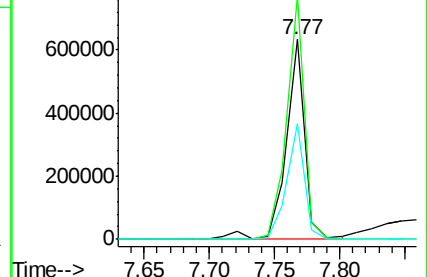
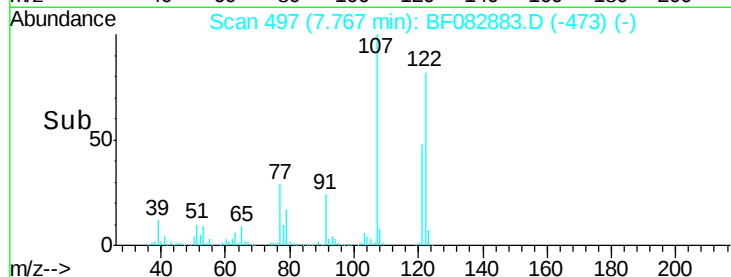
121 58.0 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.28 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

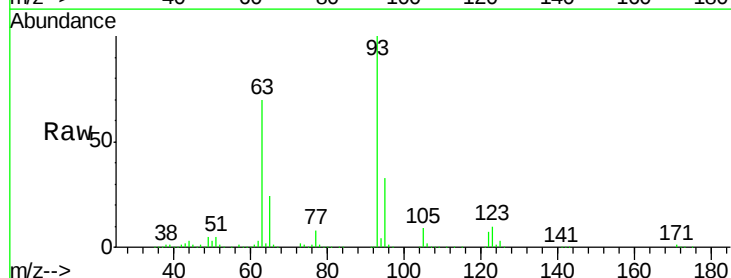
Tgt Ion: 93 Resp: 864236

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

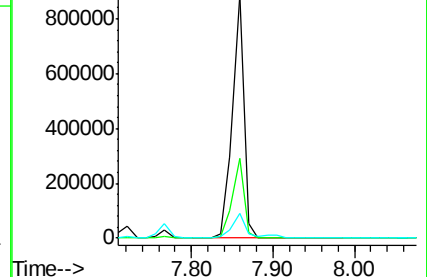
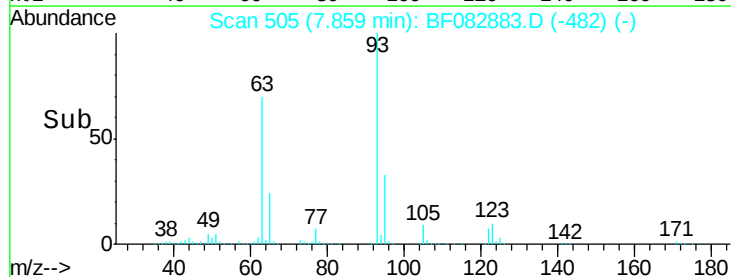
123 10.4 9.7 14.5

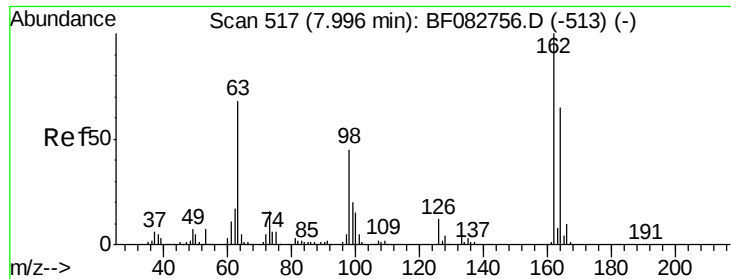


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.27 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

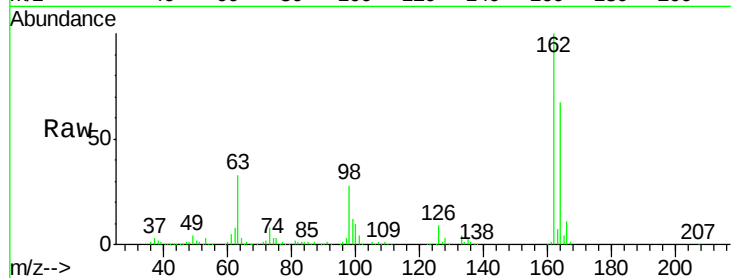
Tgt Ion:162 Resp: 573833

Ion Ratio Lower Upper

162 100

164 67.4 46.8 86.8

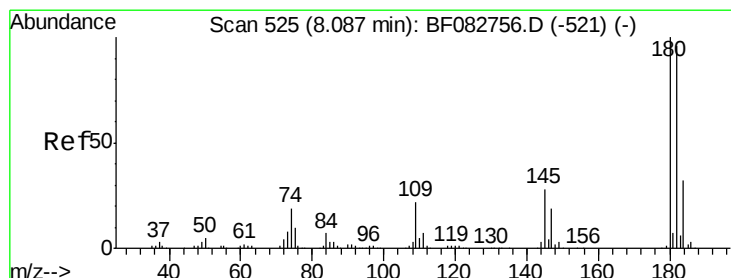
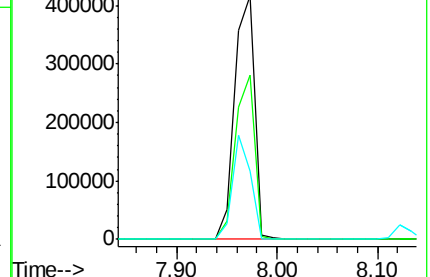
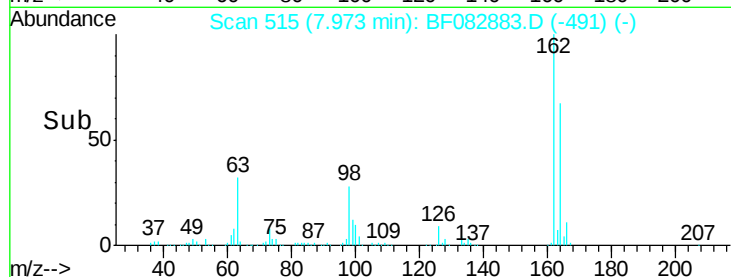
98 28.2 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.82 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

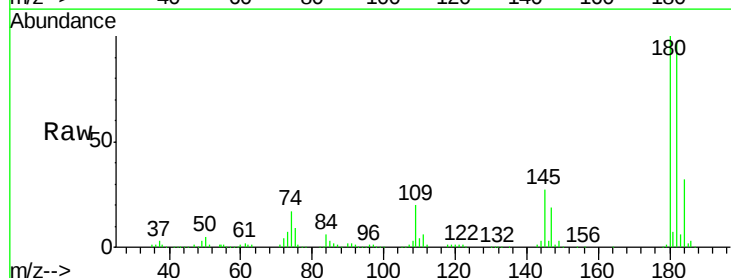
Tgt Ion:180 Resp: 605094

Ion Ratio Lower Upper

180 100

182 96.9 74.9 112.3

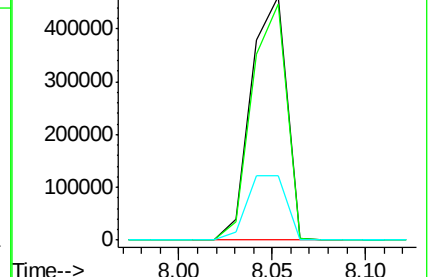
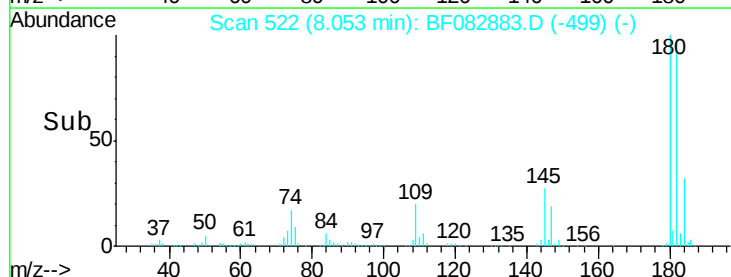
145 26.6 27.8 41.8#

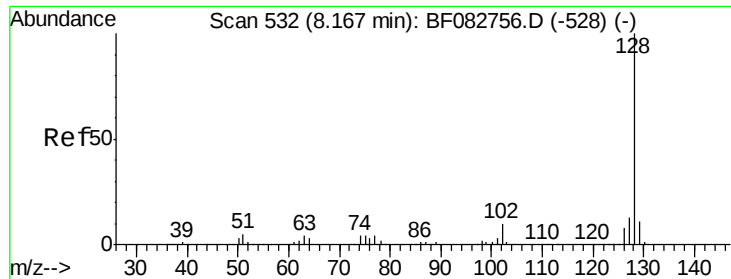


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

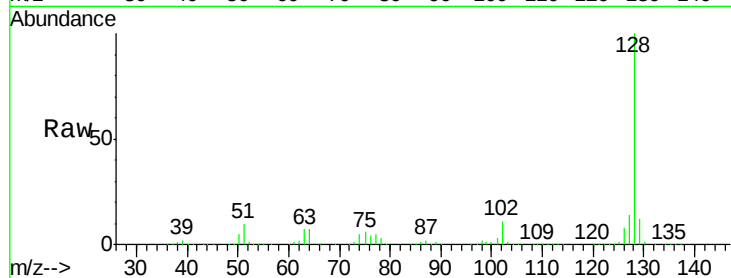




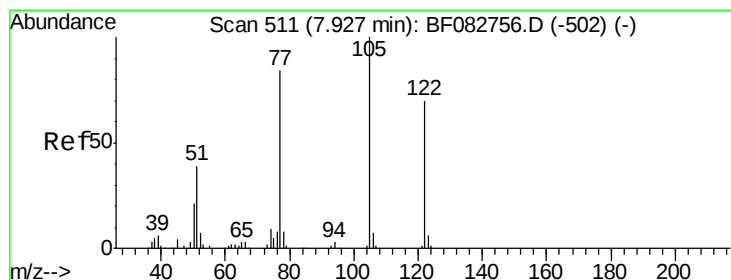
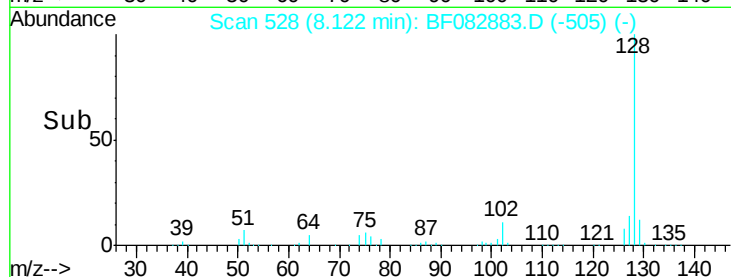
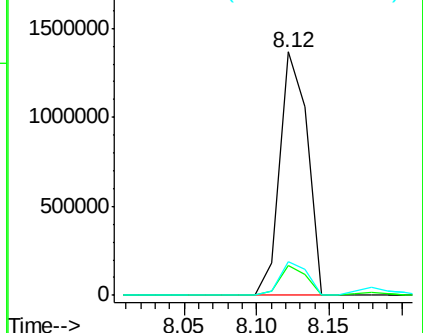
#31
Naphthalene
Concen: 35.39 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tgt Ion:128 Resp: 1791027
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 13.7 11.4 17.0

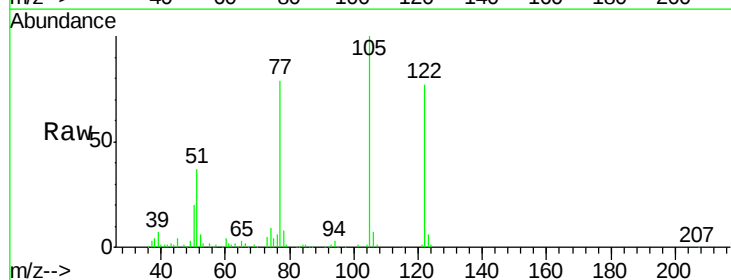


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

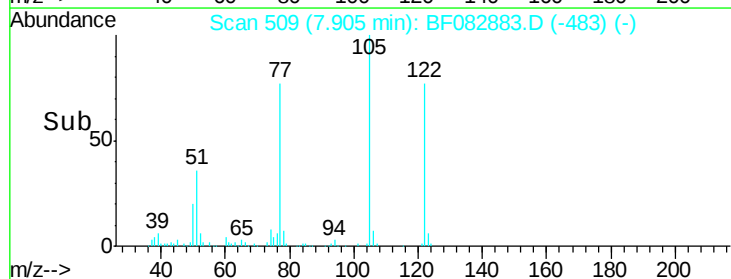
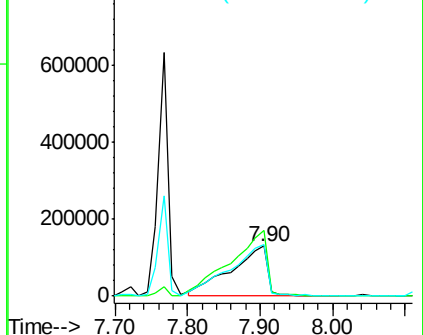


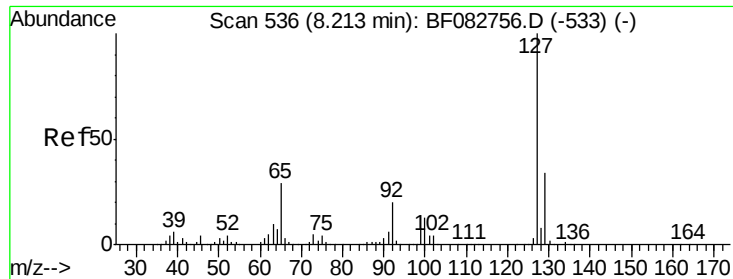
#32
Benzoic acid
Concen: 41.44 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:122 Resp: 458717
Ion Ratio Lower Upper
122 100
105 130.0 122.6 162.6
77 102.4 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

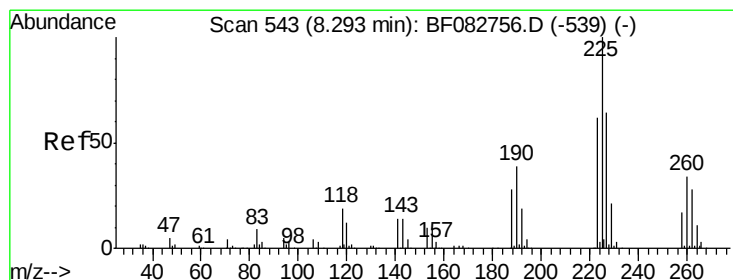
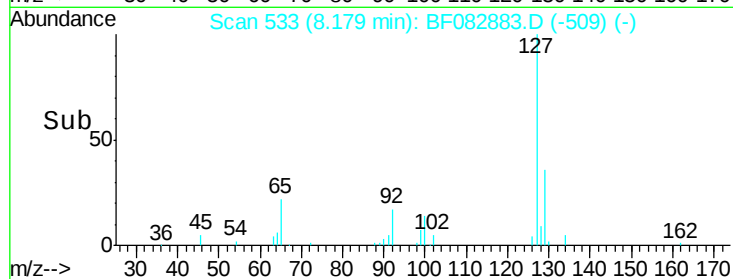
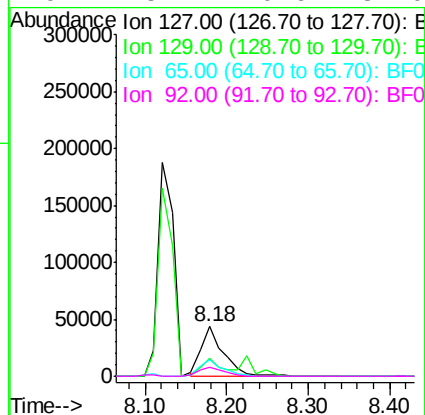
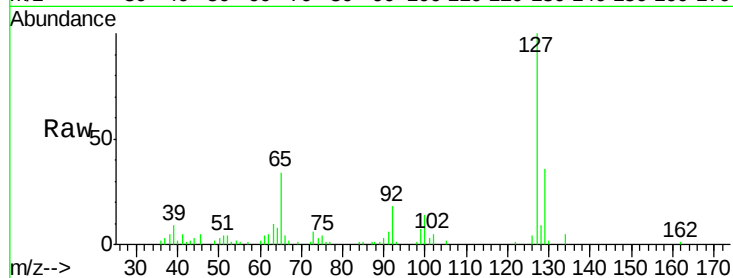




#33
4-Chloroaniline
Concen: 3.91 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

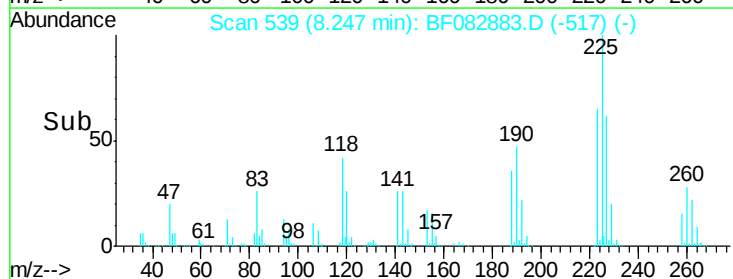
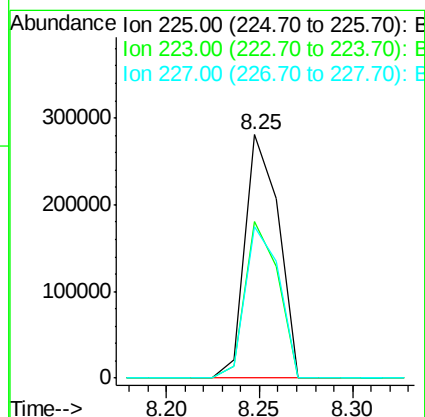
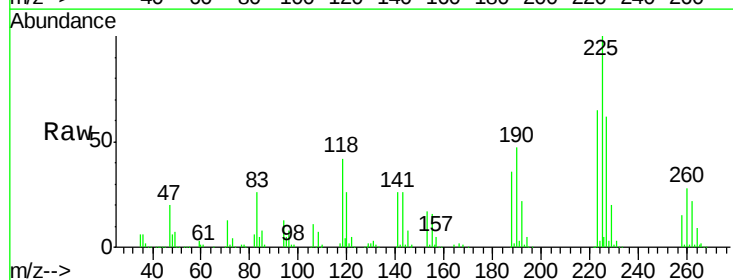
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

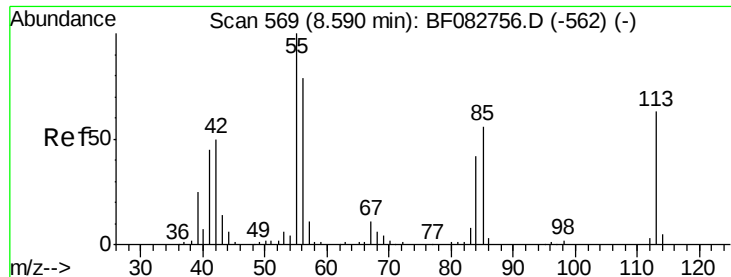
Tgt Ion:	127	Resp:	85371
Ion	Ratio	Lower	Upper
127	100		
129	36.2	26.3	39.5
65	33.6	37.8	56.8#
92	18.1	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 33.99 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.05 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:	225	Resp:	349541
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.5	75.7
227	62.4	50.2	75.2

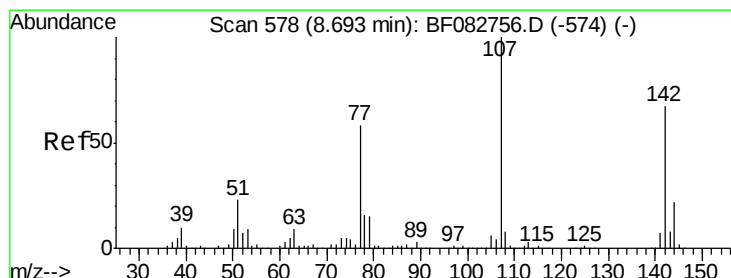
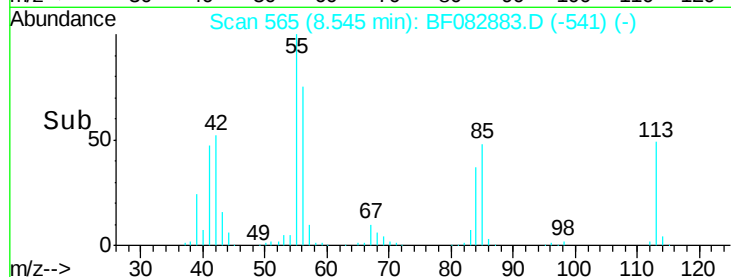
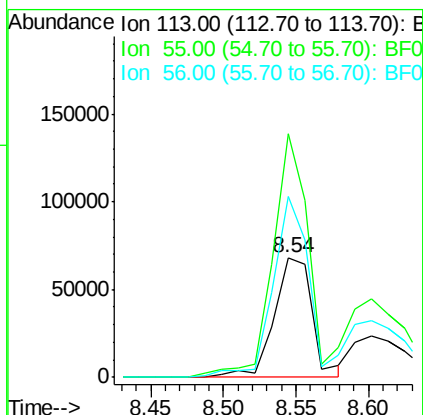
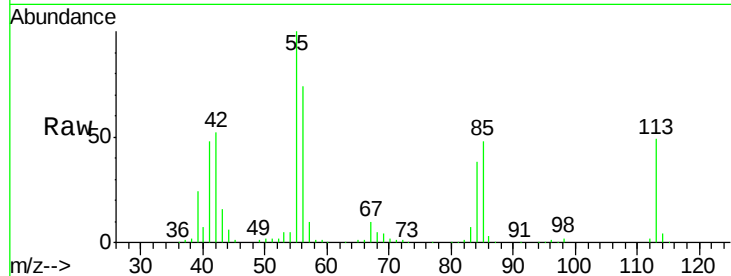




#35
 Caprolactam
 Concen: 26.78 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

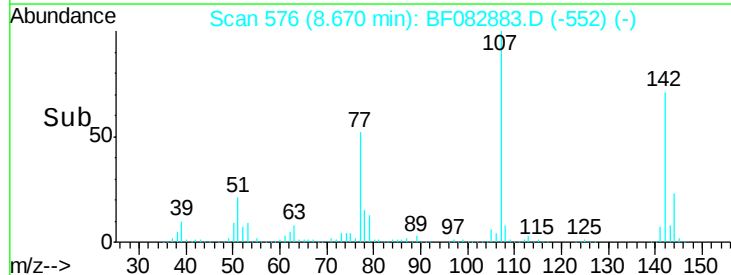
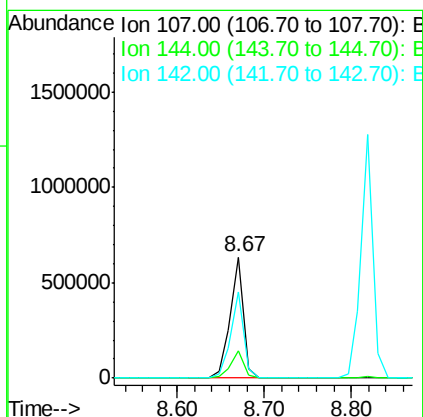
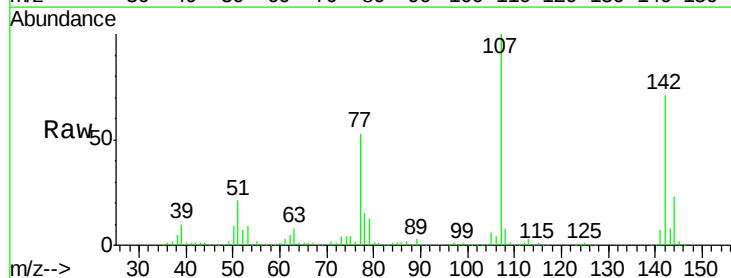
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

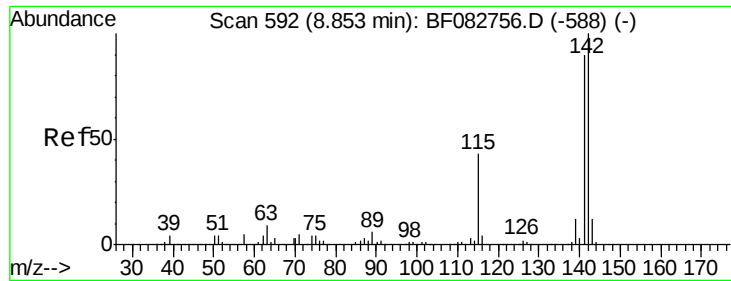
Tgt Ion:113 Resp: 123358
 Ion Ratio Lower Upper
 113 100
 55 203.8 195.5 235.5
 56 151.5 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 39.14 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:107 Resp: 672535
 Ion Ratio Lower Upper
 107 100
 144 23.0 15.4 23.0
 142 70.6 47.8 71.8

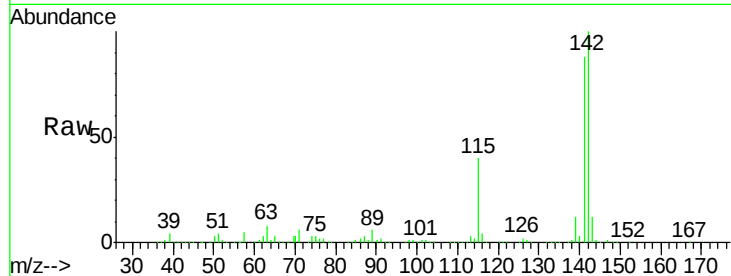




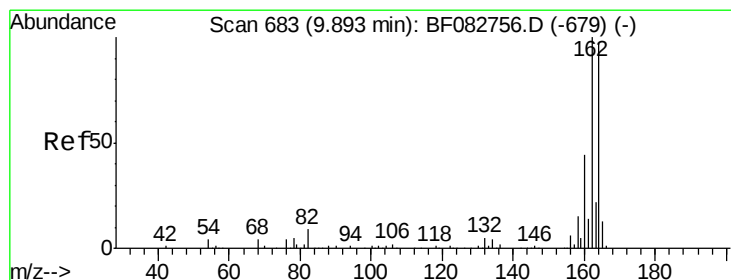
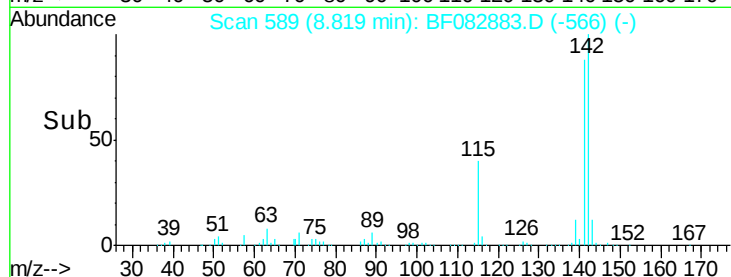
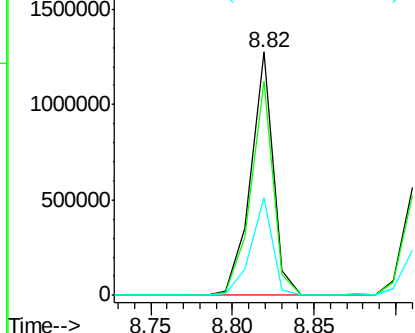
#37
 2-Methylnaphthalene
 Concen: 37.17 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tgt Ion:142 Resp: 1216861
 Ion Ratio Lower Upper
 142 100
 141 88.1 72.3 108.5
 115 40.1 38.1 57.1

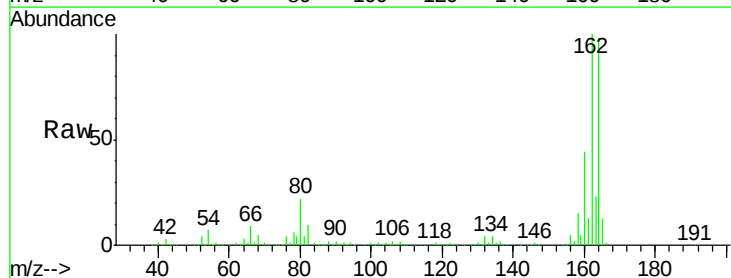


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

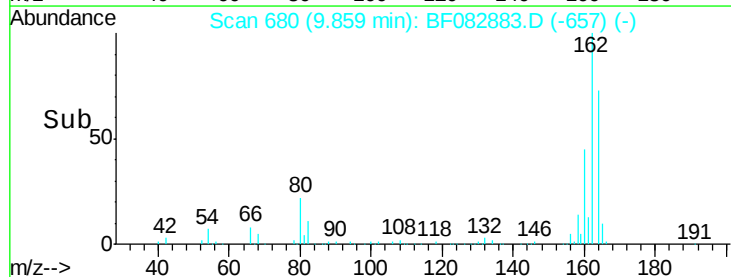
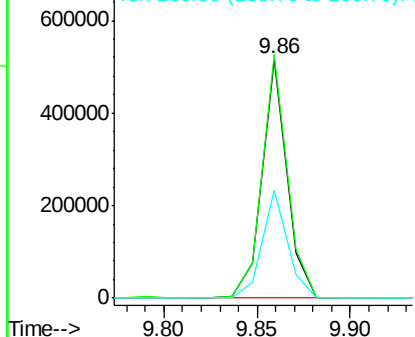


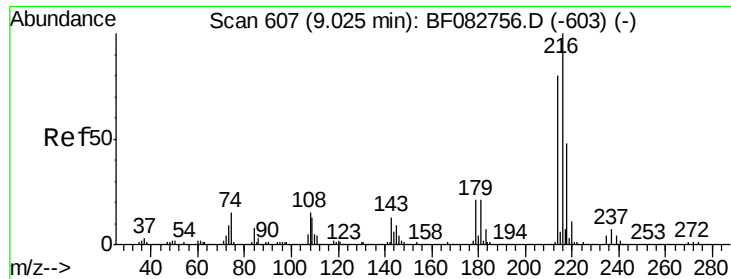
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:164 Resp: 475684
 Ion Ratio Lower Upper
 164 100
 162 101.9 84.9 127.3
 160 45.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.19 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

Tgt Ion:216 Resp: 612647

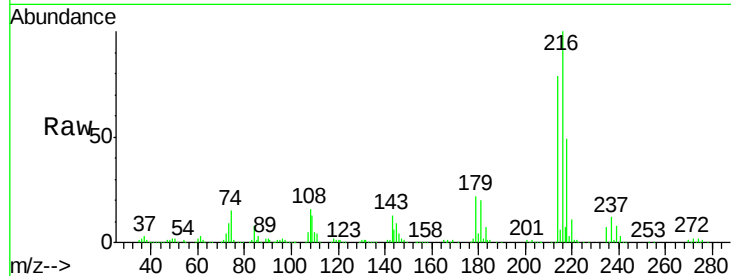
Ion Ratio Lower Upper

216 100

214 79.4 62.2 93.2

179 22.3 18.1 27.1

108 21.0 16.6 25.0

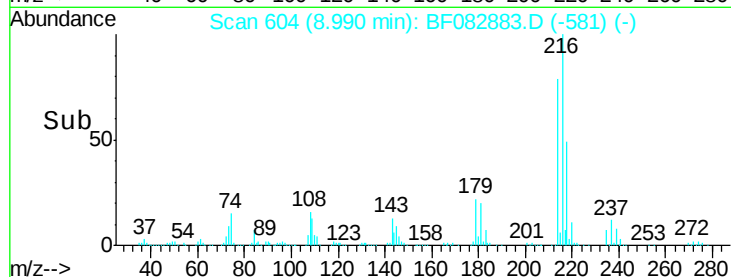


Abundance Ion 216.00 (215.70 to 216.70): E

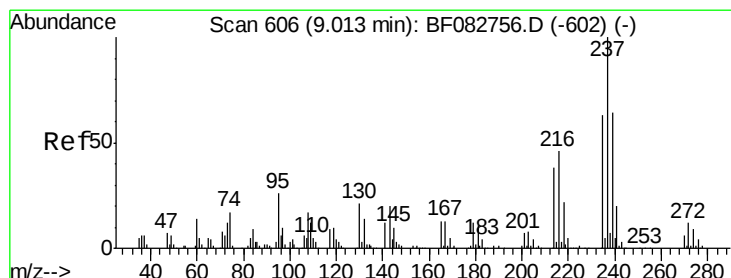
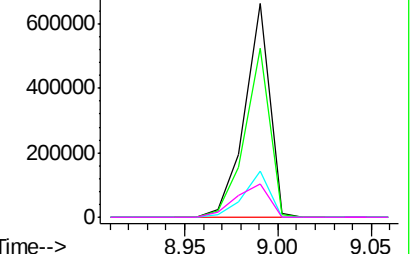
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 65.93 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

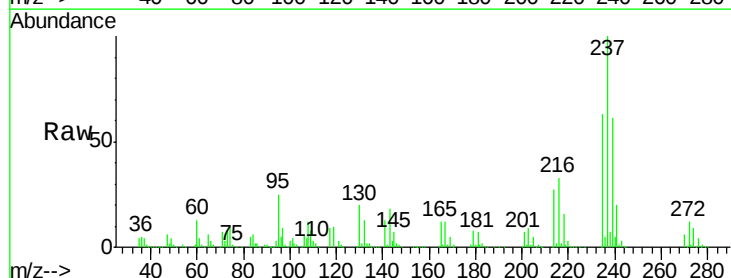
Tgt Ion:237 Resp: 553686

Ion Ratio Lower Upper

237 100

235 62.7 44.3 84.3

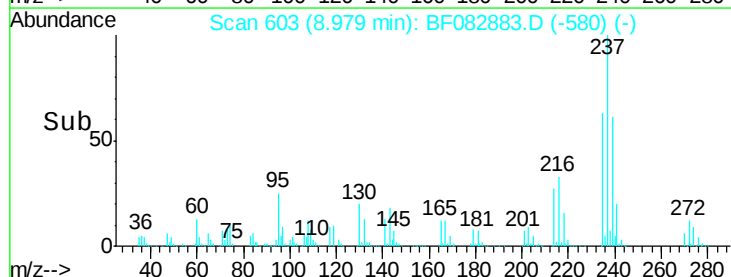
272 12.1 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

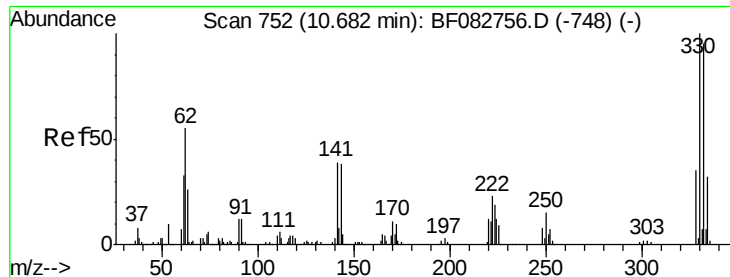
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

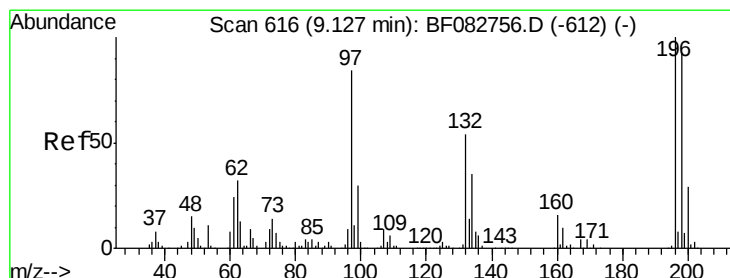
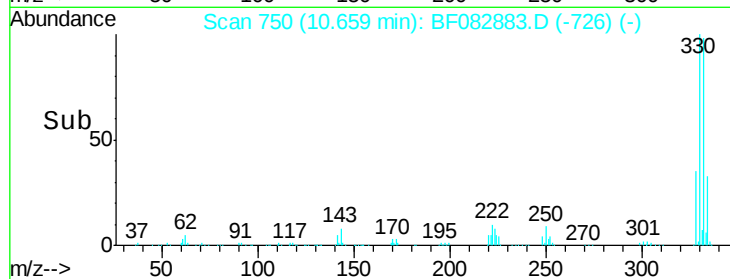
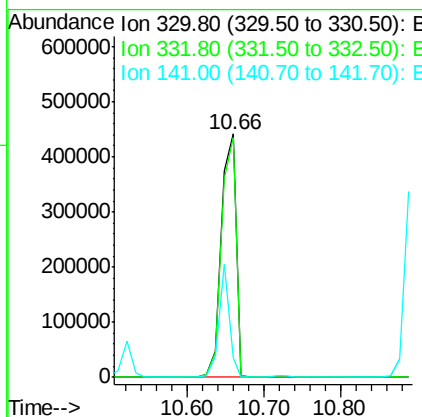
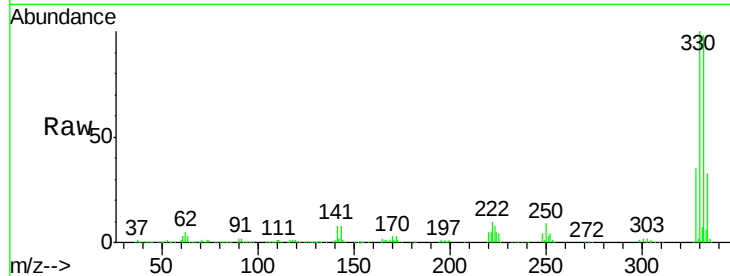




#41
 2,4,6-Tribromophenol
 Concen: 110.70 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

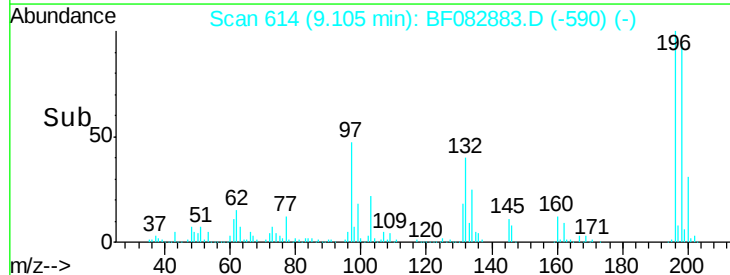
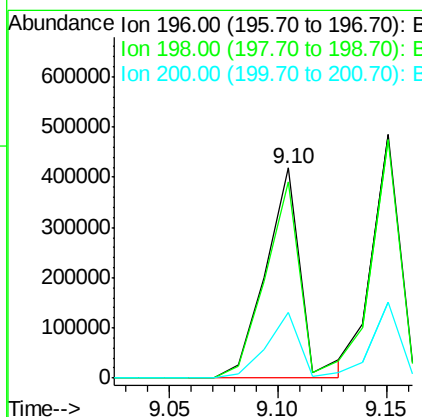
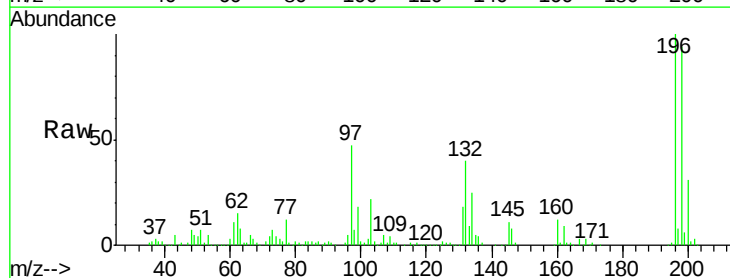
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

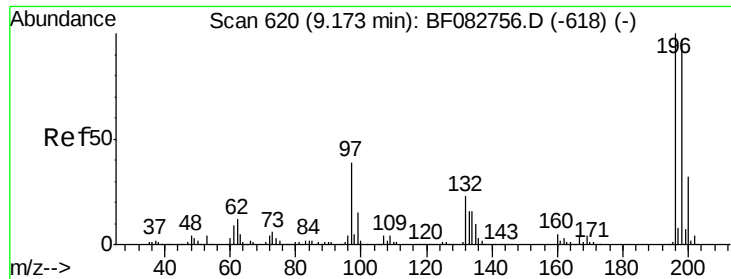
Tgt Ion:330 Resp: 603775
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 32.4 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 40.67 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:196 Resp: 474556
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.3 114.5
 200 31.2 23.9 35.9

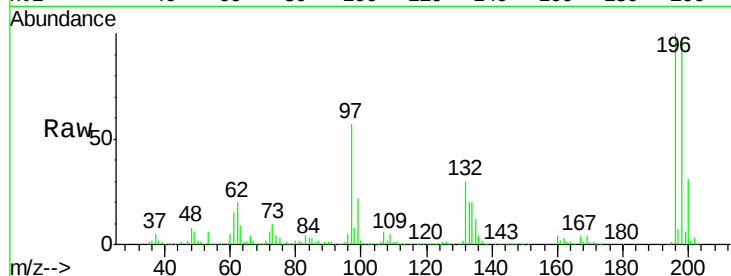




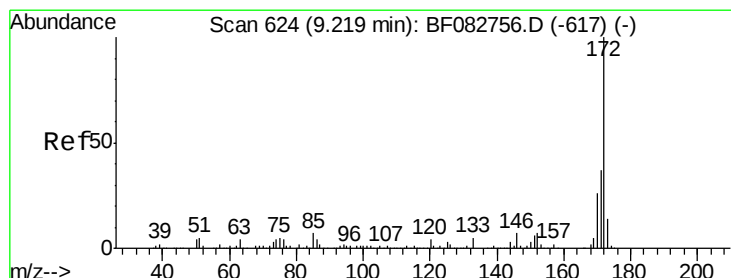
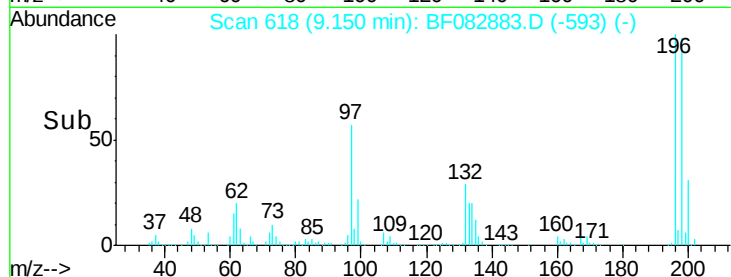
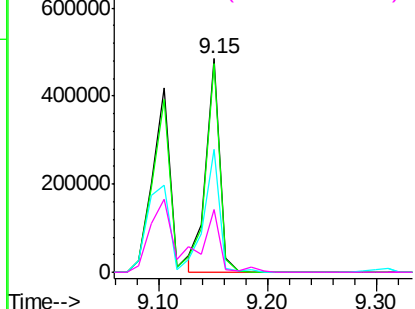
#43
 2,4,5-Trichlorophenol
 Concen: 37.44 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tgt Ion:196 Resp: 432116
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.8 113.8
 97 57.4 62.3 93.5#
 132 29.6 27.4 41.2

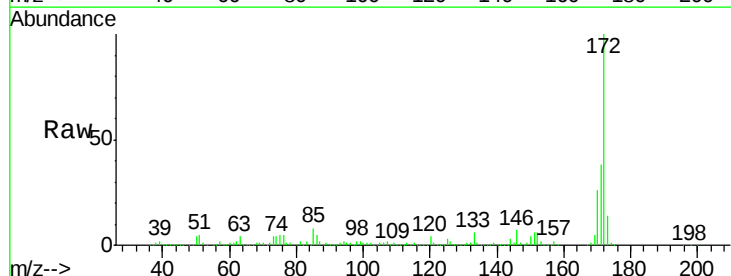


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

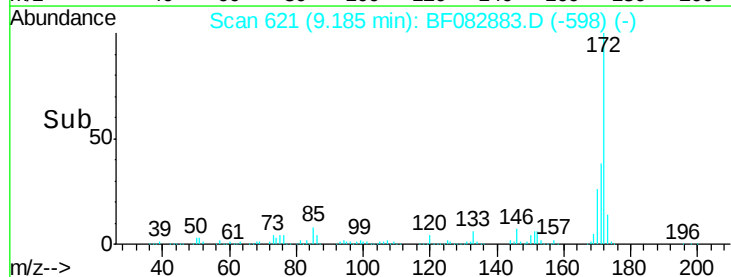
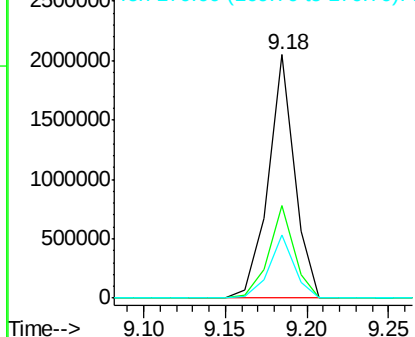


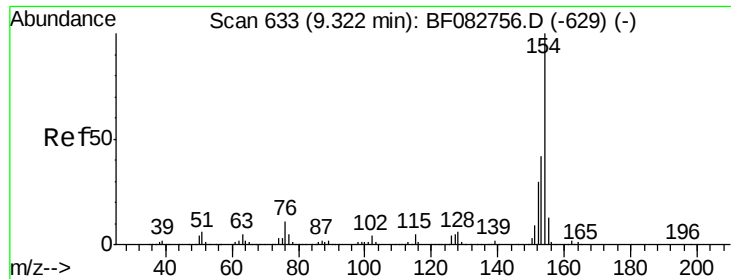
#44
 2-Fluorobiphenyl
 Concen: 69.30 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:172 Resp: 2299893
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 25.8 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

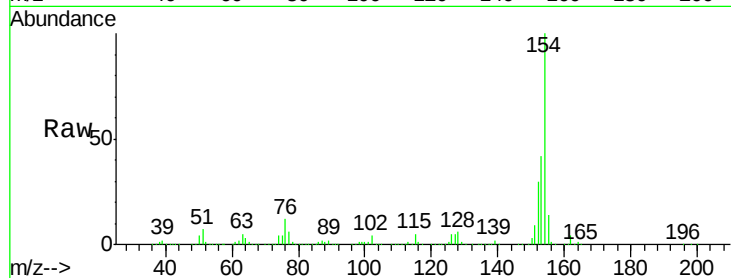




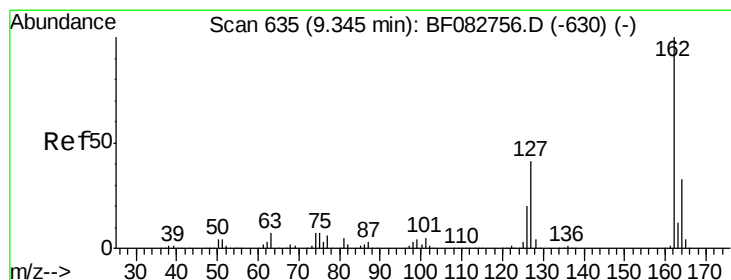
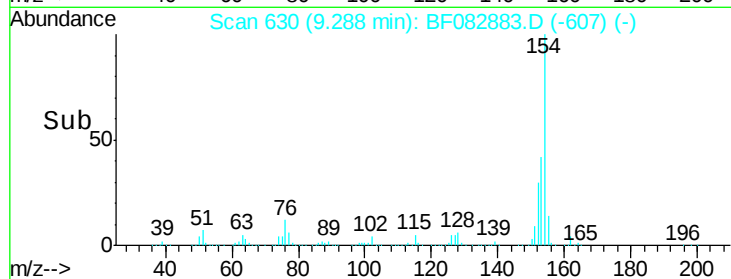
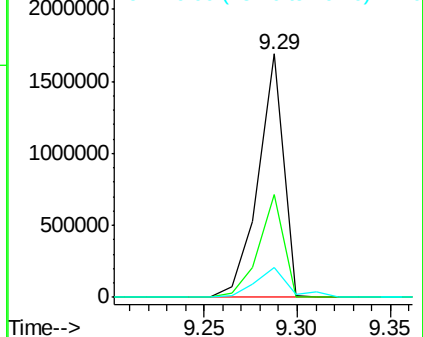
#45
 1,1'-Biphenyl
 Concen: 38.81 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tgt Ion:154 Resp: 1584030
 Ion Ratio Lower Upper
 154 100
 153 42.3 22.0 62.0
 76 12.3 0.0 29.0

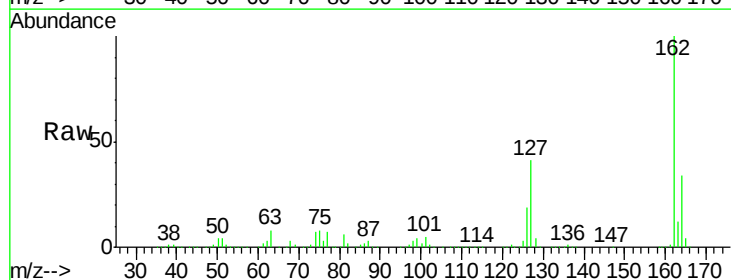


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

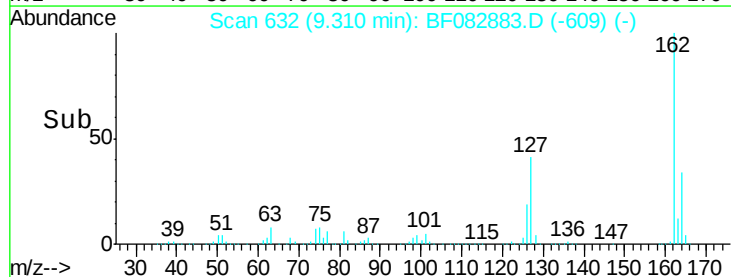
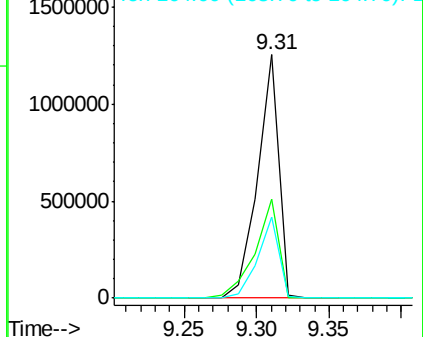


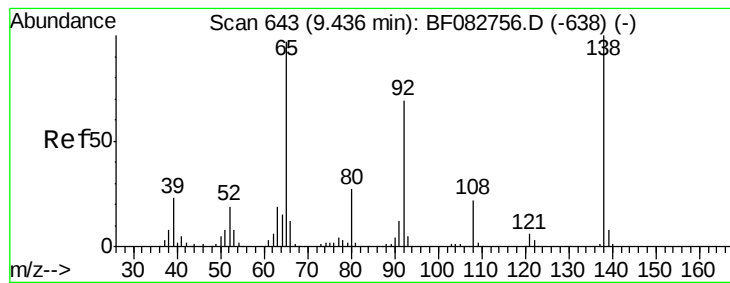
#46
 2-Chloronaphthalene
 Concen: 39.83 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:162 Resp: 1268260
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.7 49.1
 164 33.5 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.14 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

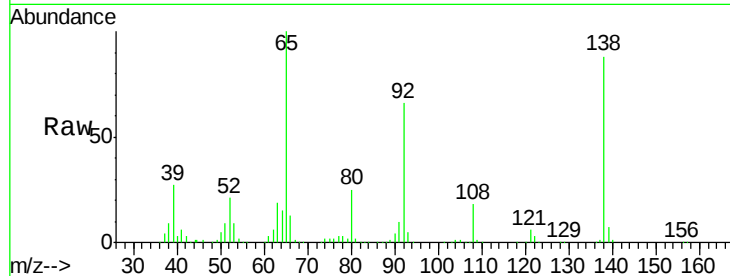
Tgt Ion: 65 Resp: 426843

Ion Ratio Lower Upper

65 100

92 66.0 46.6 70.0

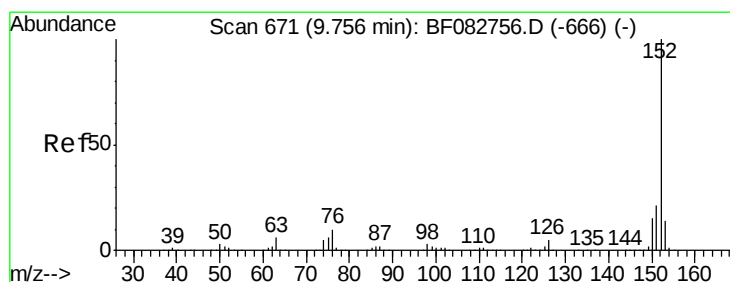
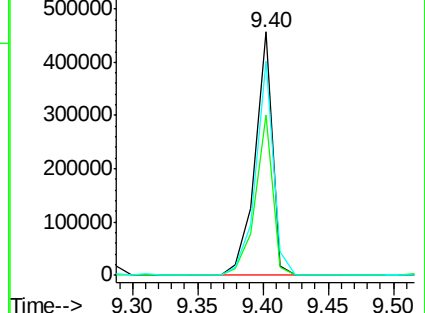
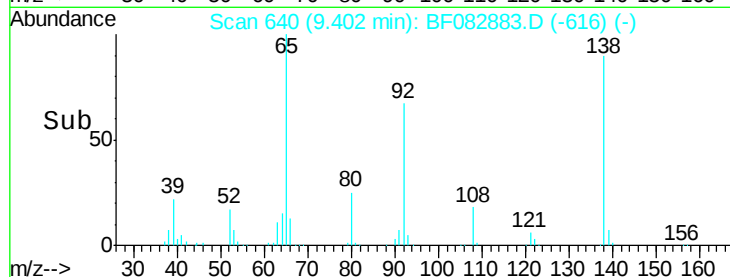
138 87.9 54.6 81.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 36.19 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

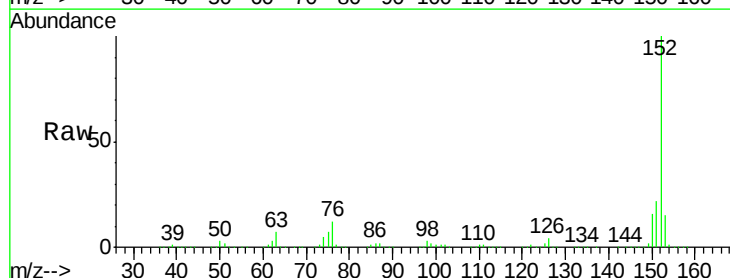
Tgt Ion: 152 Resp: 1806017

Ion Ratio Lower Upper

152 100

151 21.6 17.3 25.9

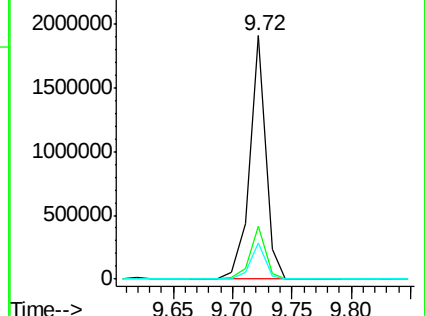
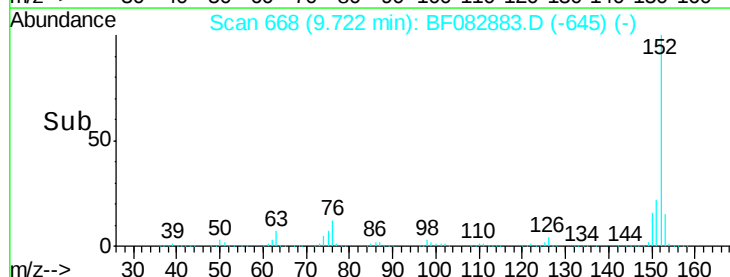
153 14.6 11.3 16.9

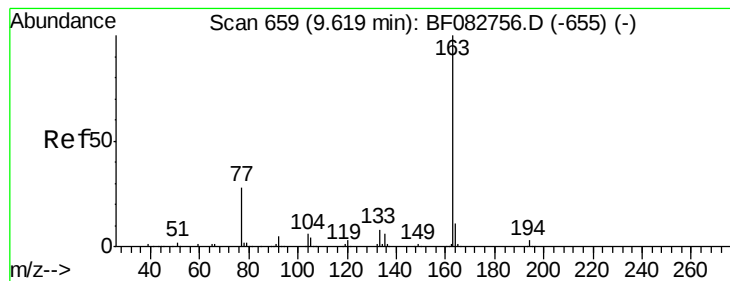


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.15 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

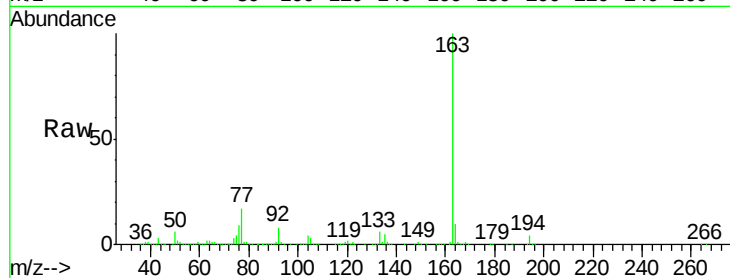
Tgt Ion:163 Resp: 1603669

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

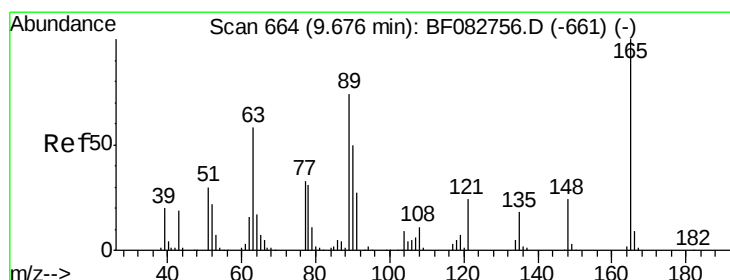
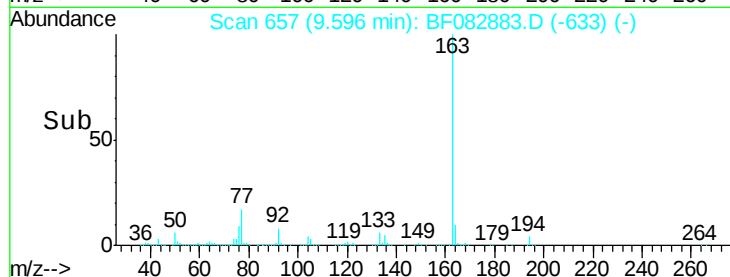
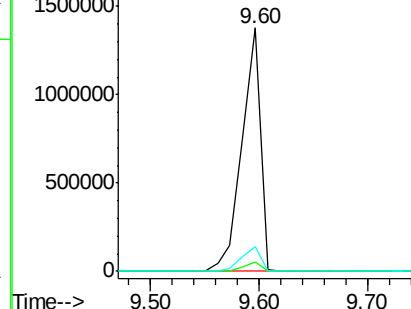
164 10.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.07 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

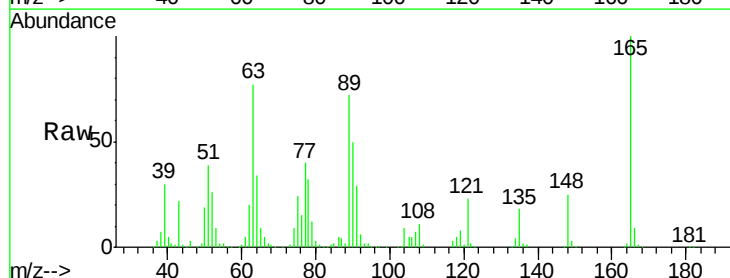
Tgt Ion:165 Resp: 333174

Ion Ratio Lower Upper

165 100

63 76.6 55.5 83.3

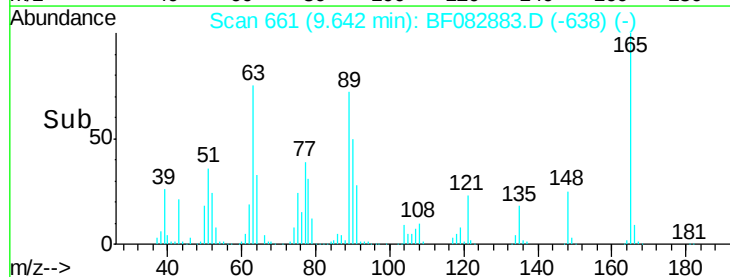
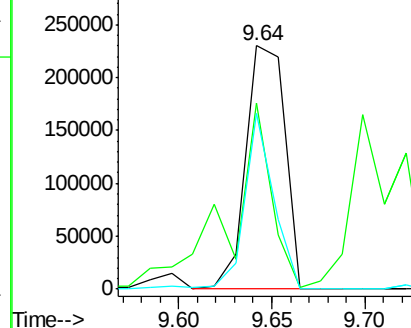
89 72.4 55.0 82.6

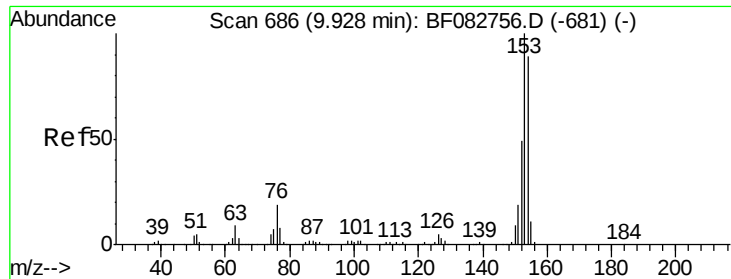


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

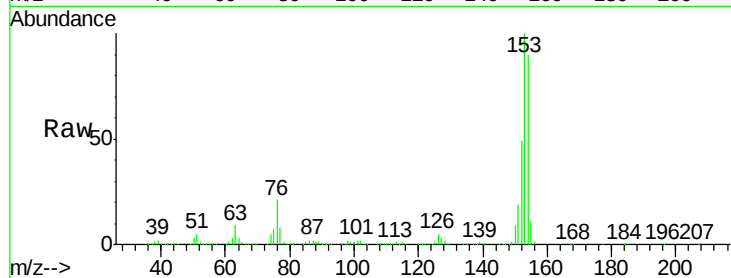




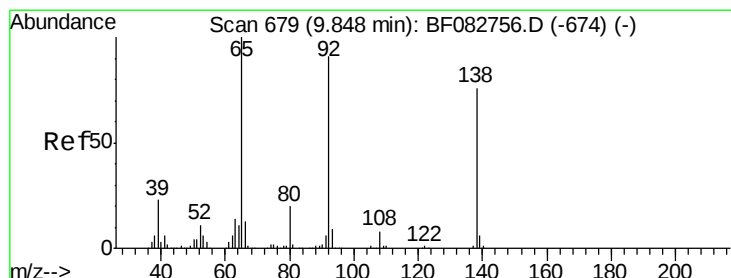
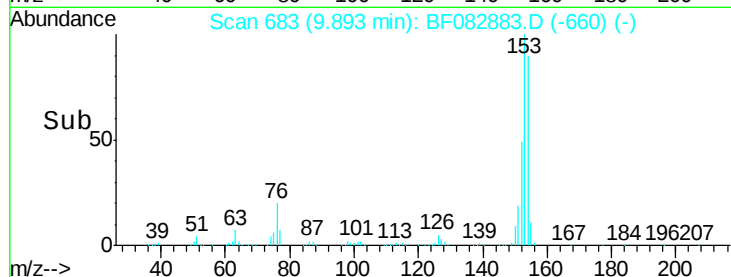
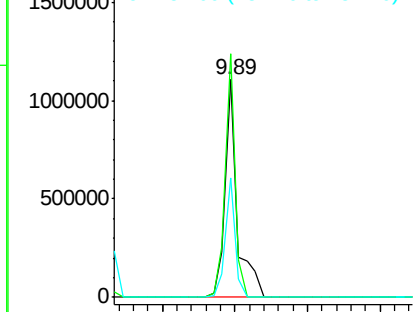
#51
Acenaphthene
Concen: 40.98 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tgt Ion:154 Resp: 1295866
Ion Ratio Lower Upper
154 100
153 111.7 90.1 135.1
152 55.0 44.3 66.5

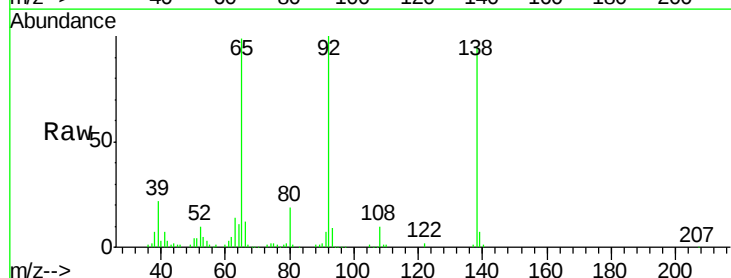


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

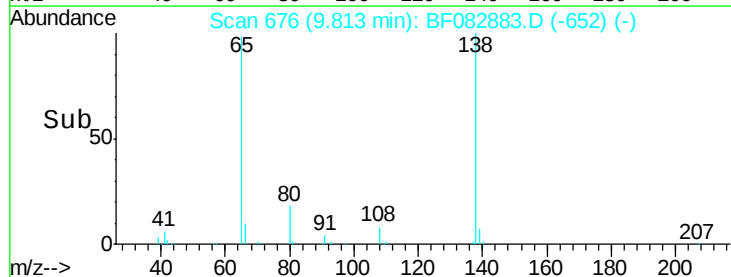
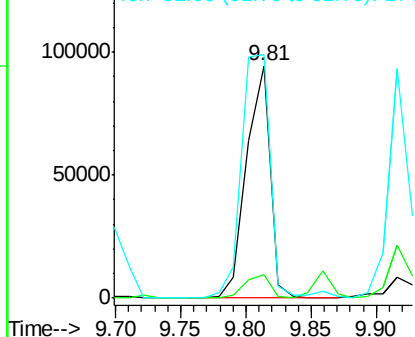


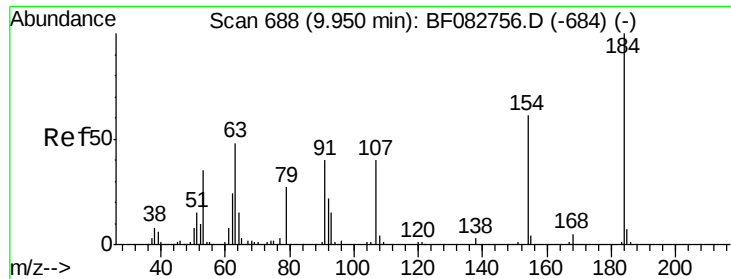
#52
3-Nitroaniline
Concen: 13.08 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:138 Resp: 119627
Ion Ratio Lower Upper
138 100
108 10.0 11.3 16.9#
92 104.8 122.4 183.6#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

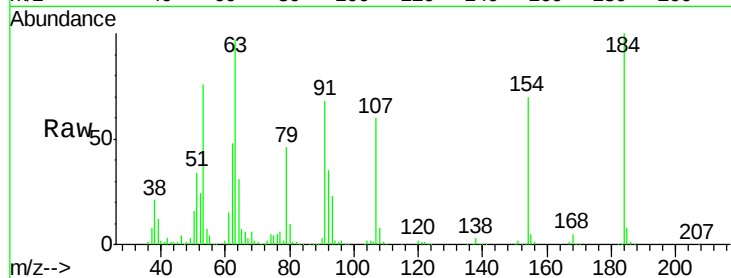




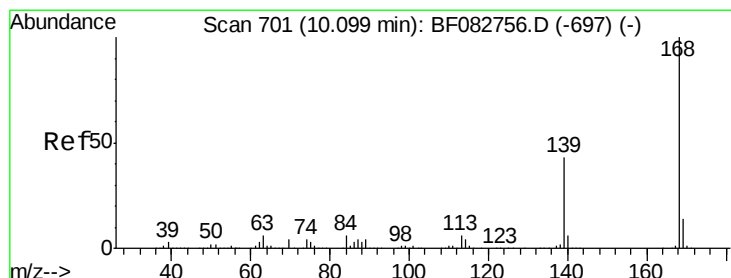
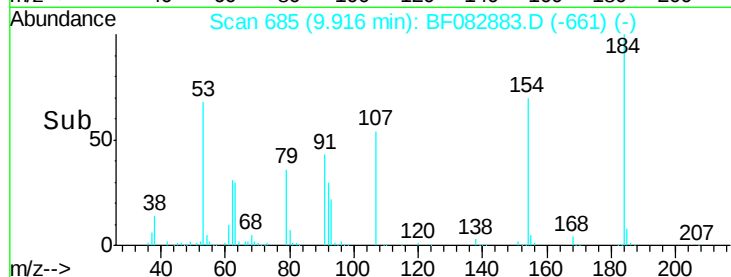
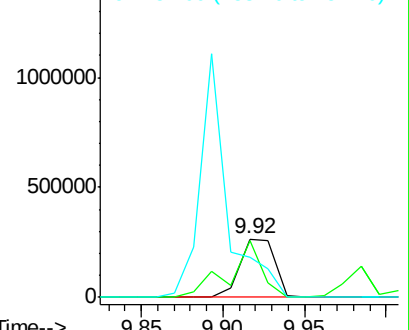
#53
2,4-Dinitrophenol
Concen: 86.32 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tgt Ion:184 Resp: 394132
Ion Ratio Lower Upper
184 100
63 96.8 98.6 148.0#
154 70.0 183.9 275.9#

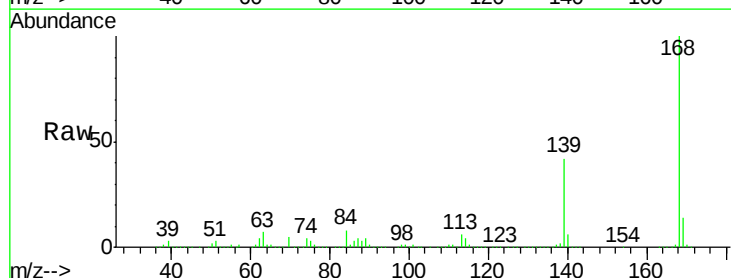


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

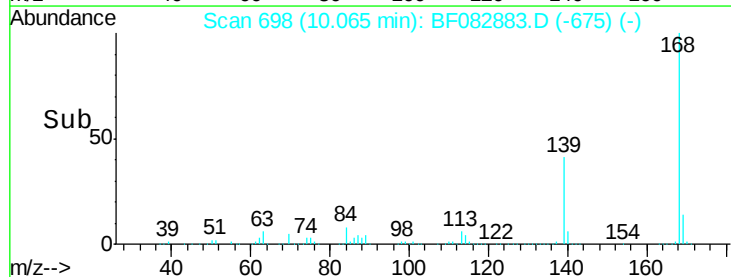
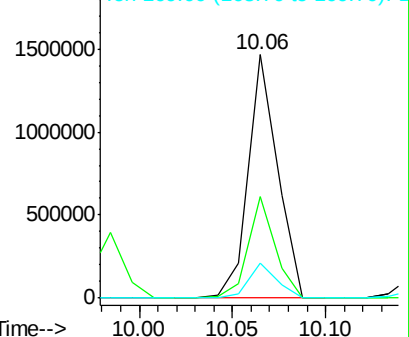


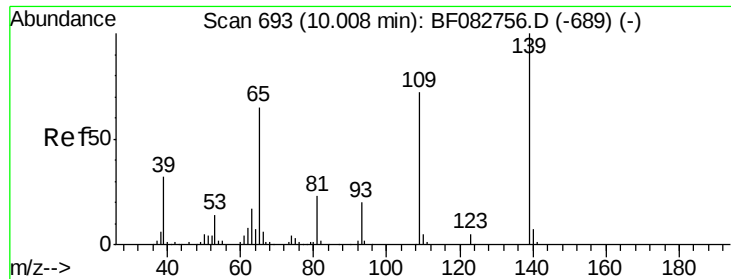
#54
Dibenzofuran
Concen: 37.17 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:168 Resp: 1584643
Ion Ratio Lower Upper
168 100
139 41.8 37.8 56.6
169 14.2 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

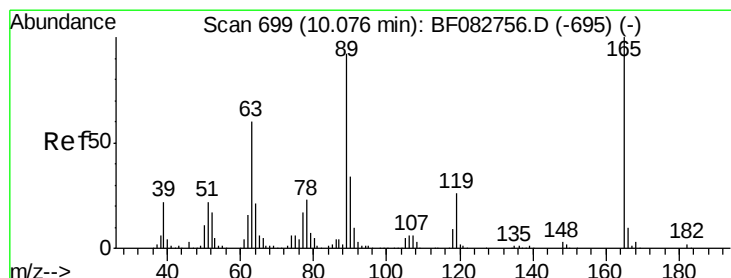
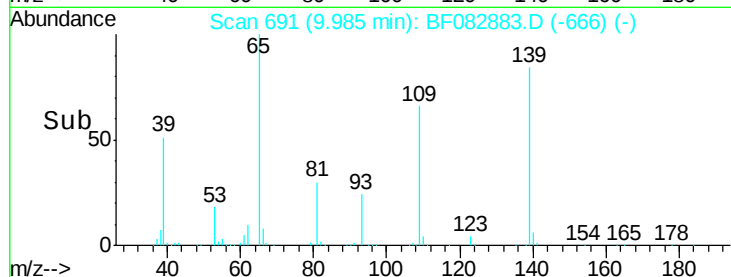
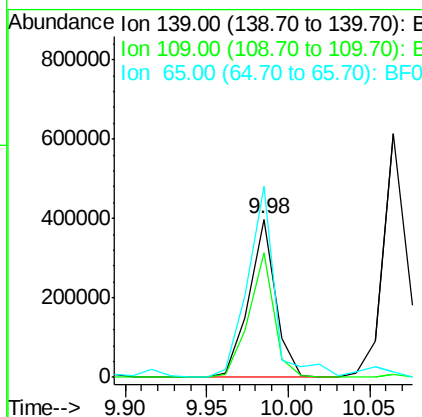
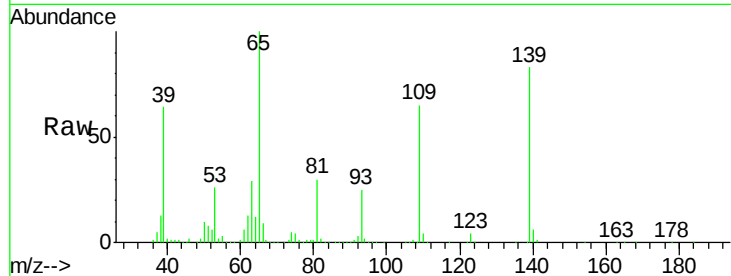




#55
4-Nitrophenol
Concen: 64.80 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

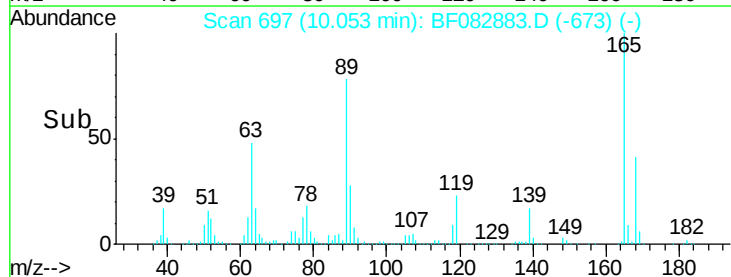
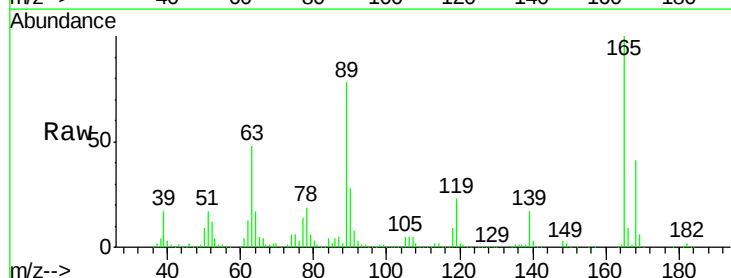
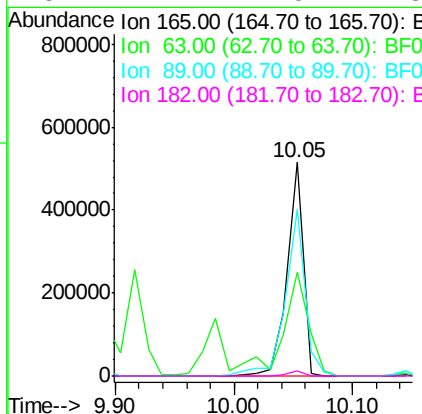
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

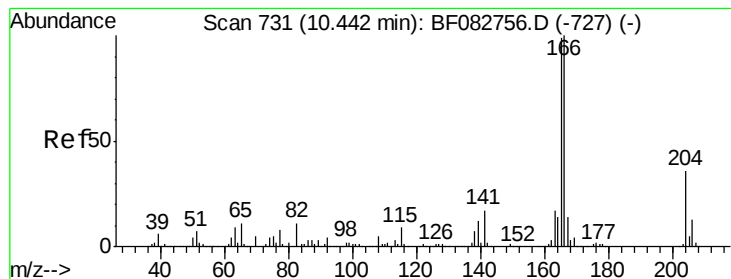
Tgt Ion:139 Resp: 454631
Ion Ratio Lower Upper
139 100
109 78.4 73.7 113.7
65 120.8 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 42.50 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:165 Resp: 479503
Ion Ratio Lower Upper
165 100
63 48.4 43.4 65.0
89 77.7 70.6 106.0
182 2.2 1.5 2.3





#57

Fluorene

Concen: 35.49 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

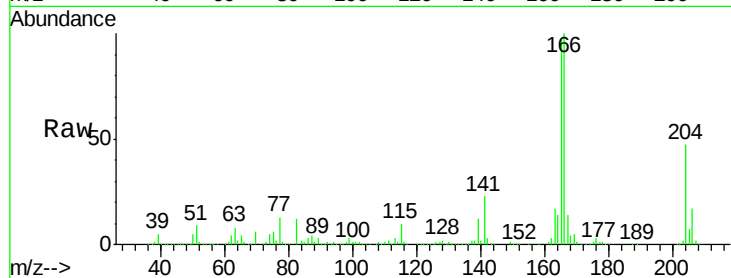
Tgt Ion:166 Resp: 1225507

Ion Ratio Lower Upper

166 100

165 97.3 80.2 120.4

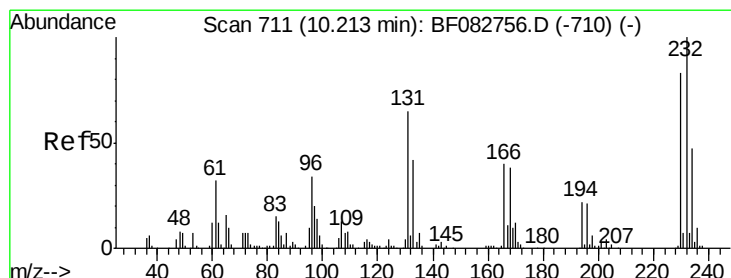
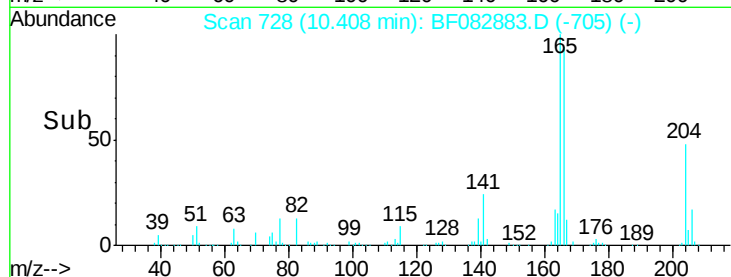
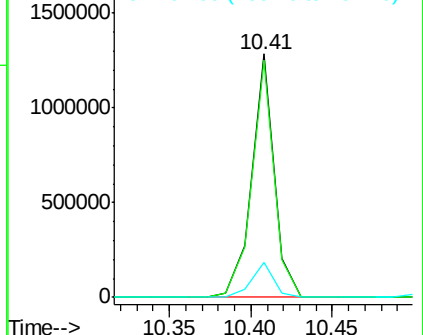
167 14.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.05 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Tgt Ion:232 Resp: 396041

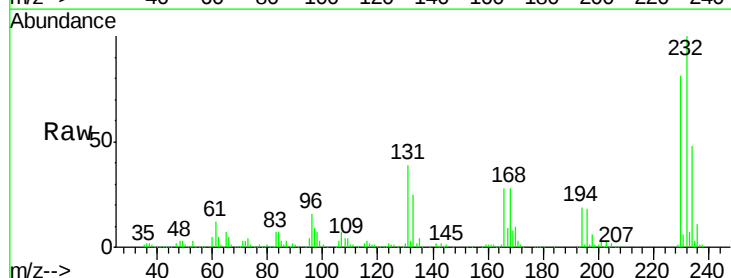
Ion Ratio Lower Upper

232 100

131 45.7 46.2 69.2#

130 2.3 2.4 3.6#

166 30.7 28.2 42.2

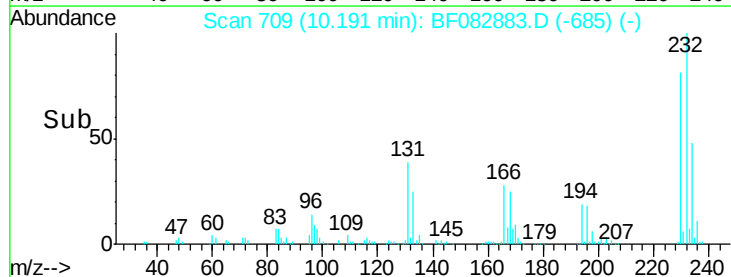
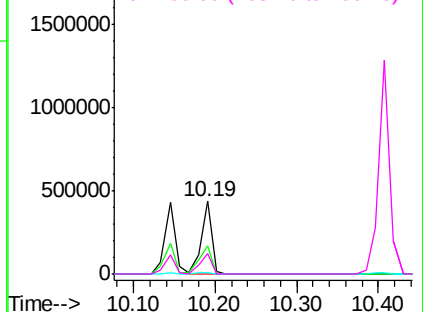


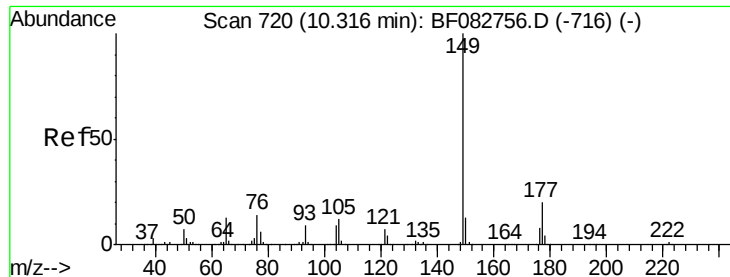
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

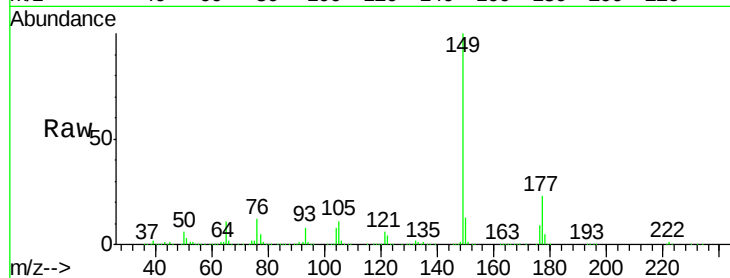




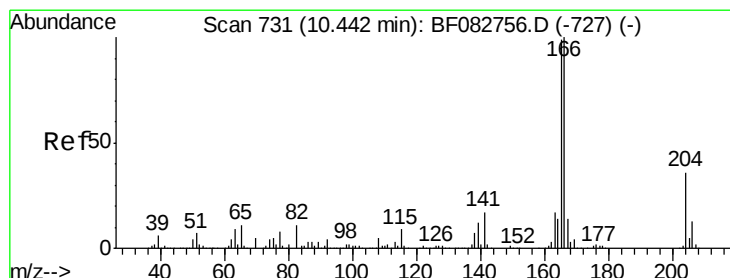
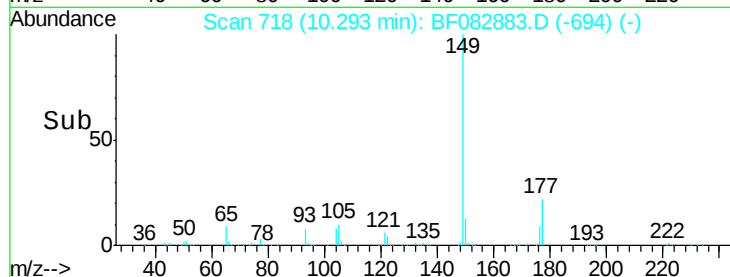
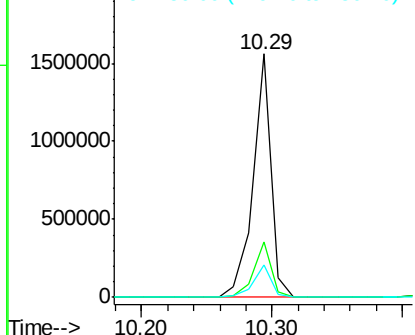
#59
Diethylphthalate
Concen: 39.15 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tgt Ion:149 Resp: 1489764
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 13.3 10.1 15.1

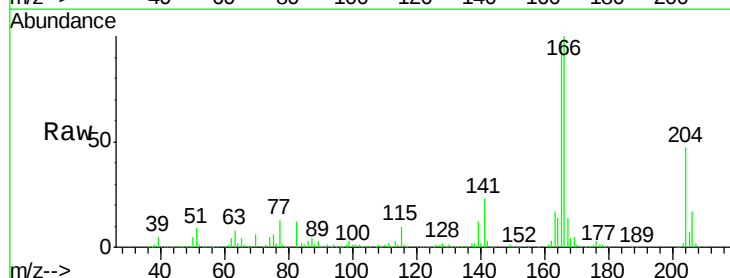


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

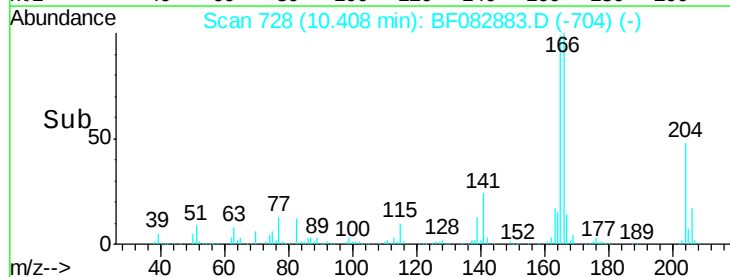
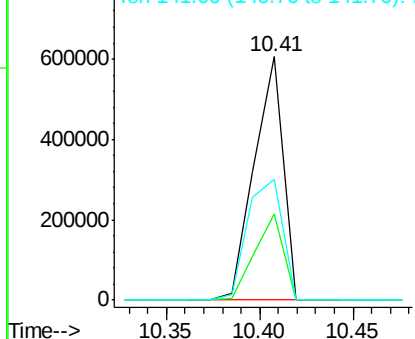


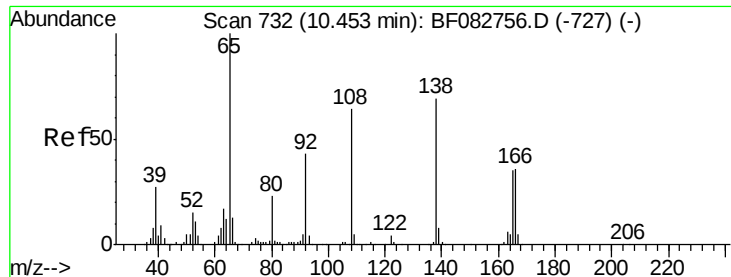
#60
4-Chlorophenyl-phenylether
Concen: 37.42 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:204 Resp: 646529
Ion Ratio Lower Upper
204 100
206 35.5 28.5 42.7
141 49.6 44.6 66.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

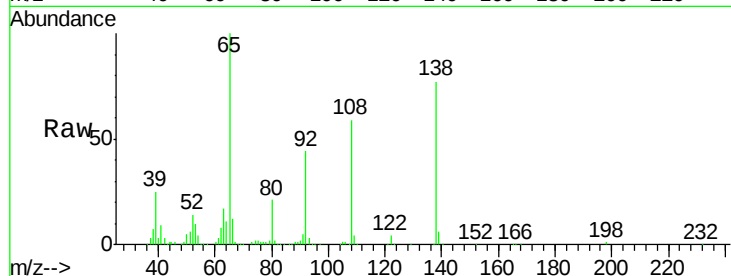




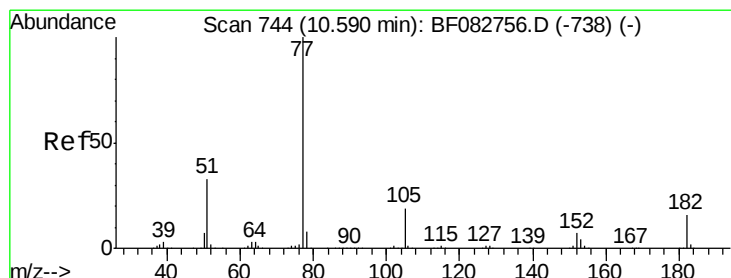
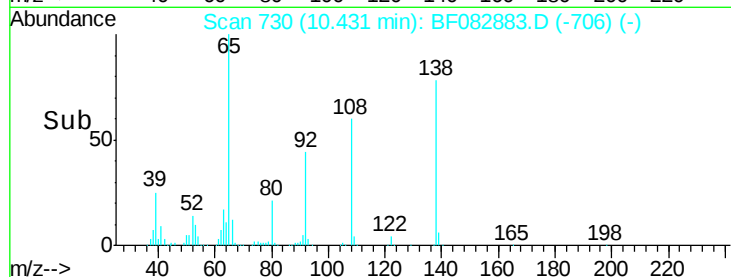
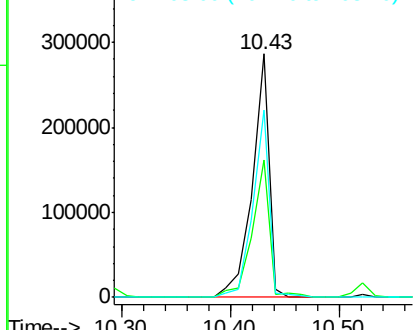
#61
4-Nitroaniline
Concen: 33.84 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tgt Ion:138 Resp: 311250
Ion Ratio Lower Upper
138 100
92 56.5 45.8 85.8
108 76.8 89.4 129.4#

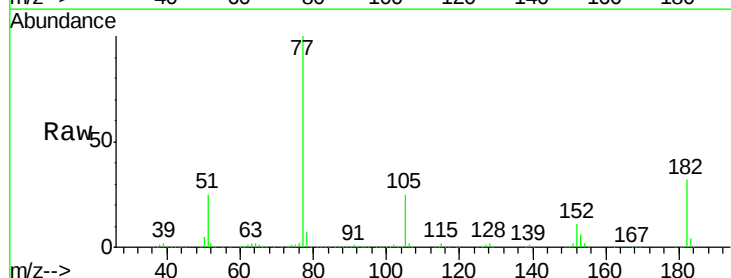


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

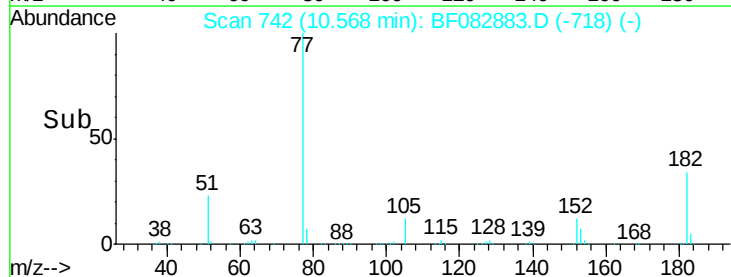
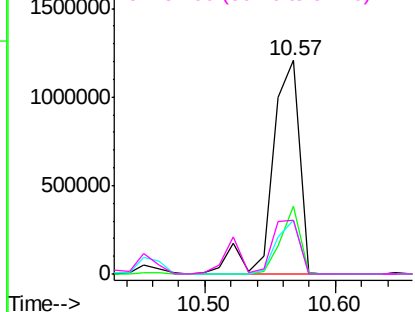


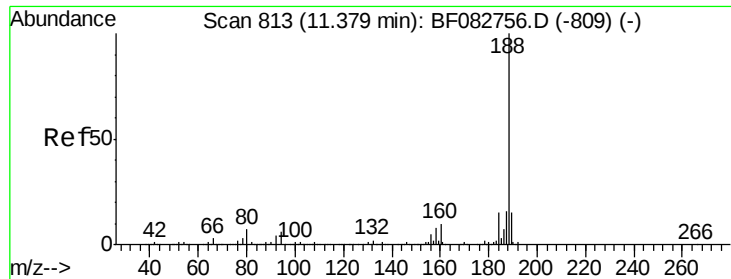
#62
Azobenzene
Concen: 42.48 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion: 77 Resp: 1736317
Ion Ratio Lower Upper
77 100
182 31.6 9.3 49.3
105 25.1 2.6 42.6
51 25.1 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

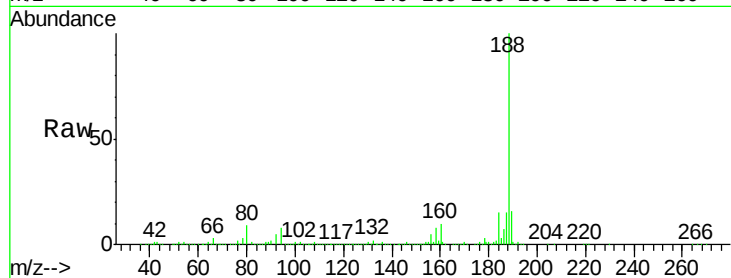




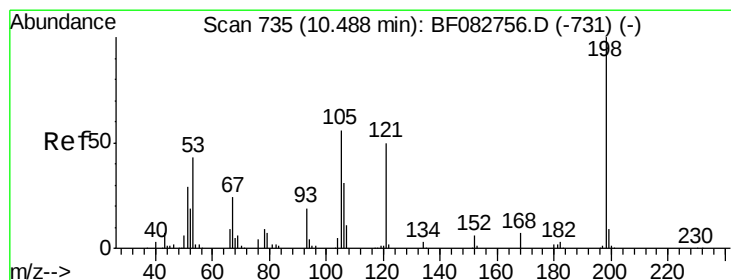
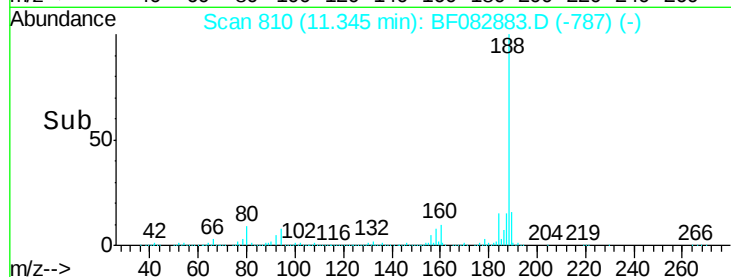
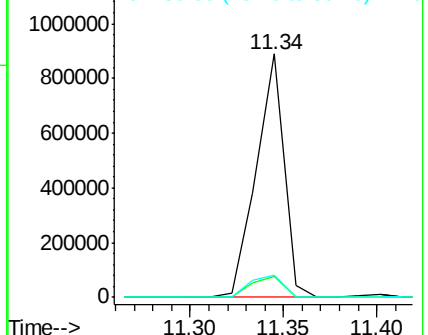
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tgt Ion:188 Resp: 914157
Ion Ratio Lower Upper
188 100
94 8.4 6.1 9.1
80 9.2 7.0 10.6

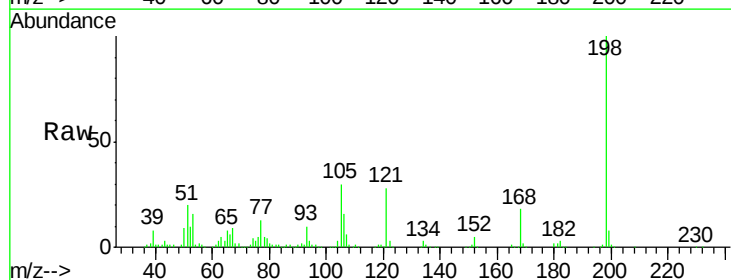


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

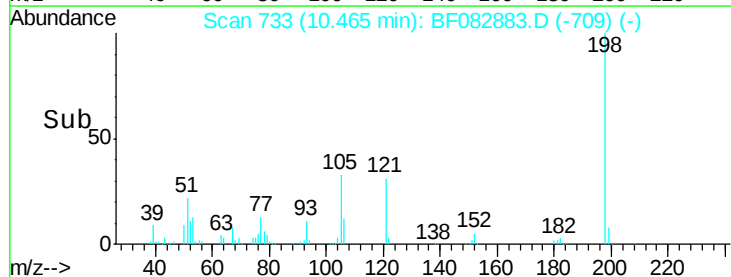
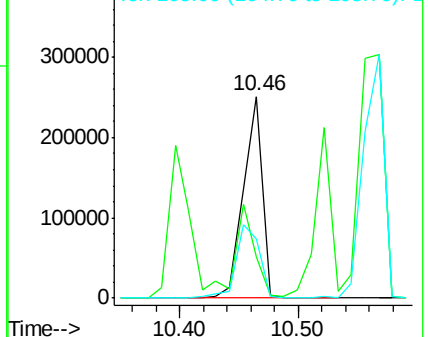


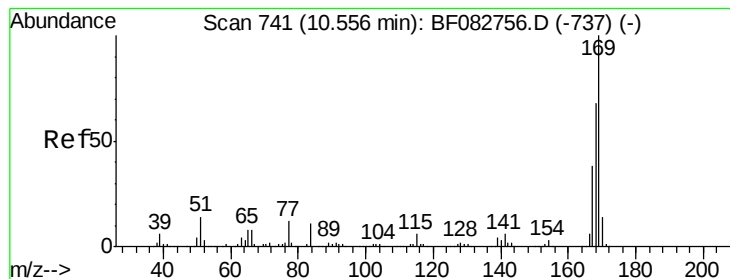
#64
4,6-Dinitro-2-methylphenol
Concen: 43.01 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:198 Resp: 280102
Ion Ratio Lower Upper
198 100
51 20.4 17.3 57.3
105 29.6 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.52 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

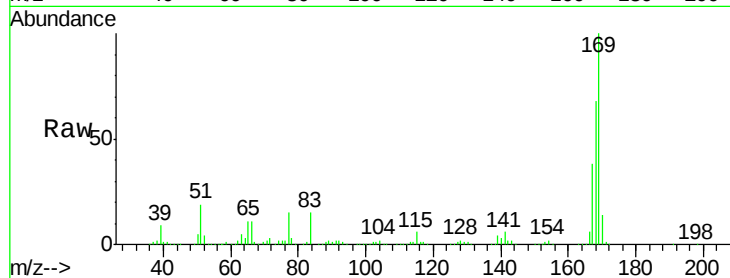
Tgt Ion:169 Resp: 1107078

Ion Ratio Lower Upper

169 100

168 67.5 55.0 82.6

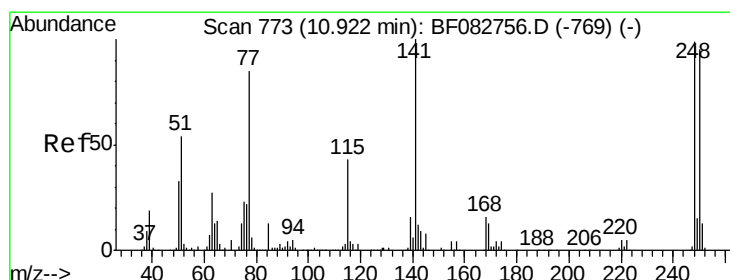
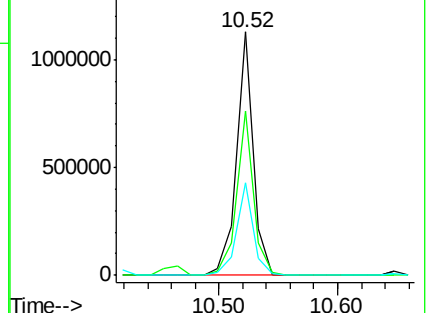
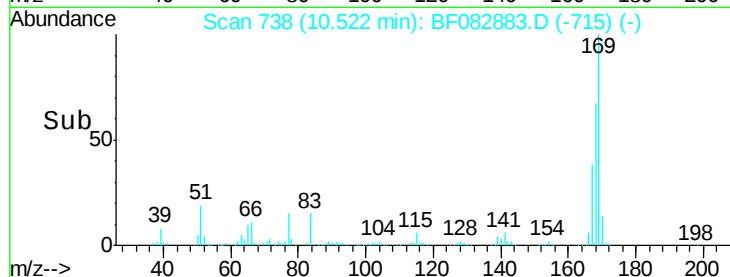
167 38.2 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.78 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

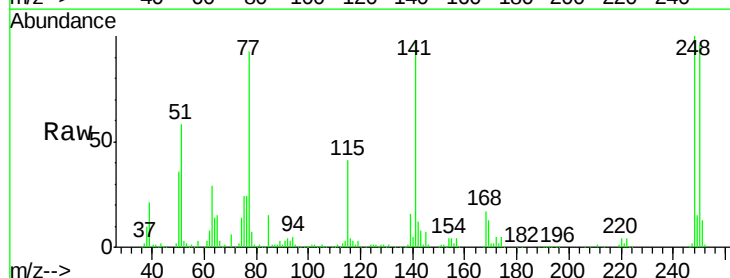
Tgt Ion:248 Resp: 393868

Ion Ratio Lower Upper

248 100

250 95.6 79.4 119.2

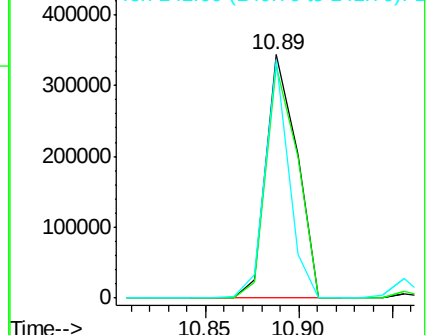
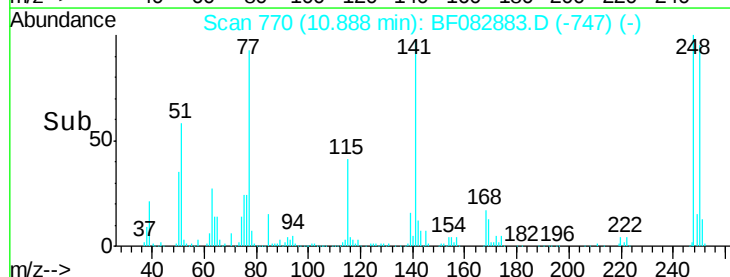
141 98.2 36.3 54.5#

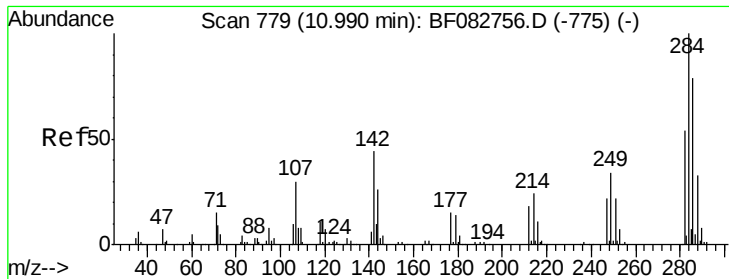


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

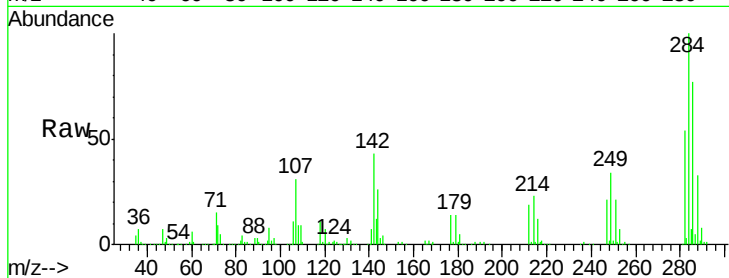




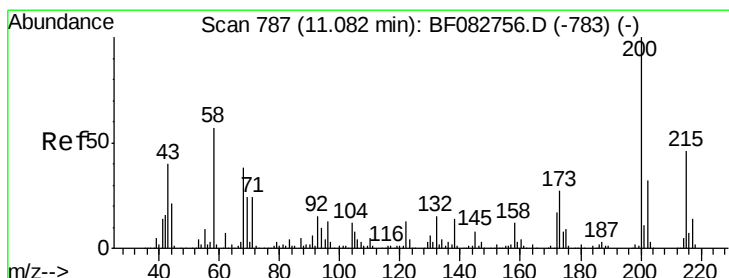
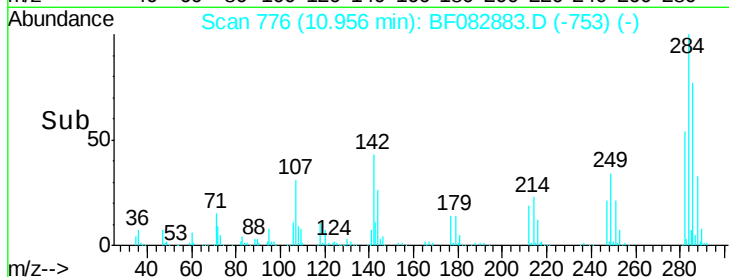
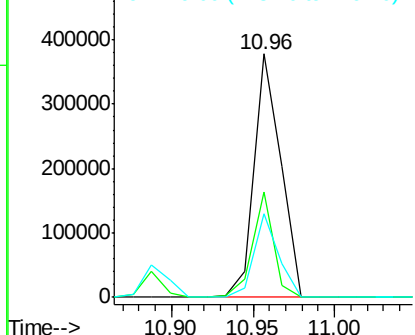
#67
Hexachlorobenzene
Concen: 34.78 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tgt Ion:284 Resp: 427430
Ion Ratio Lower Upper
284 100
142 43.5 47.9 71.9#
249 34.2 29.7 44.5

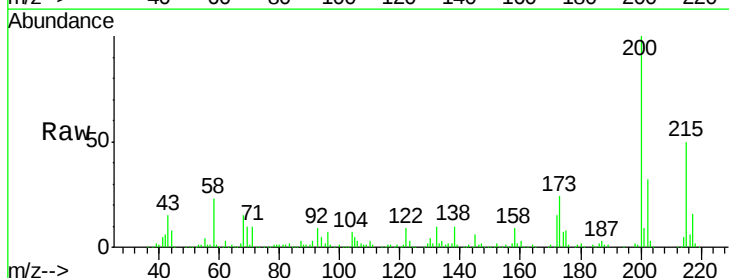


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

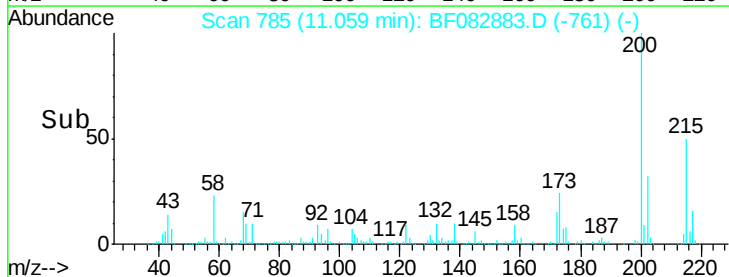
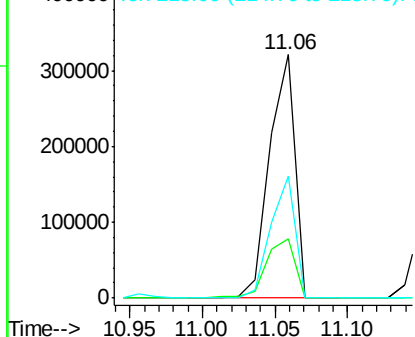


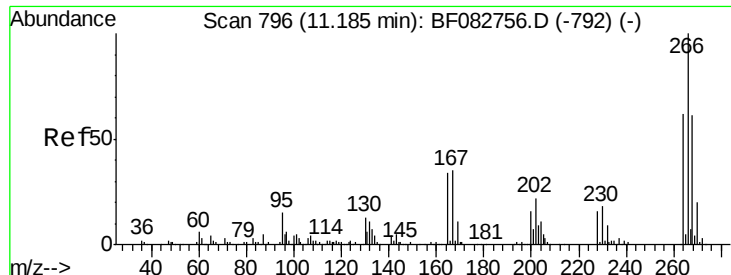
#68
Atrazine
Concen: 38.08 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion:200 Resp: 388924
Ion Ratio Lower Upper
200 100
173 24.3 6.9 46.9
215 50.1 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

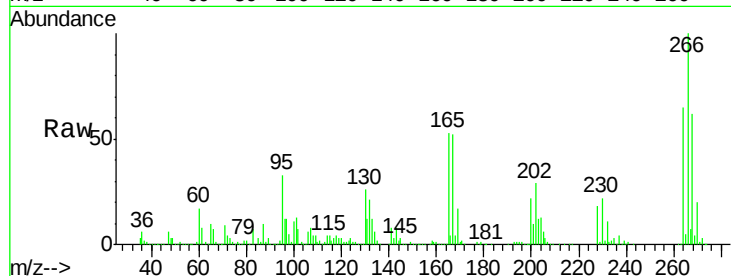




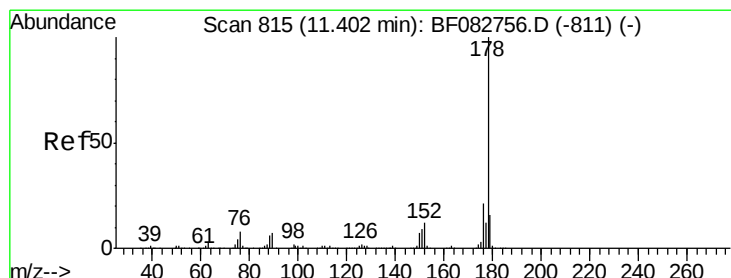
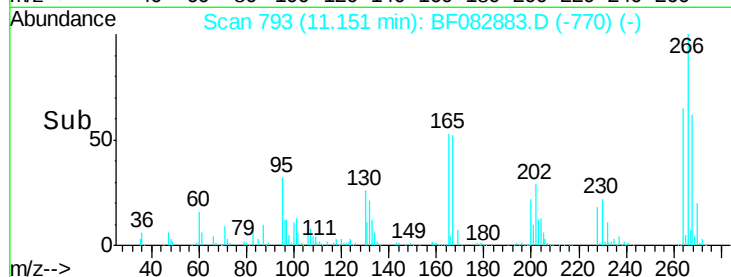
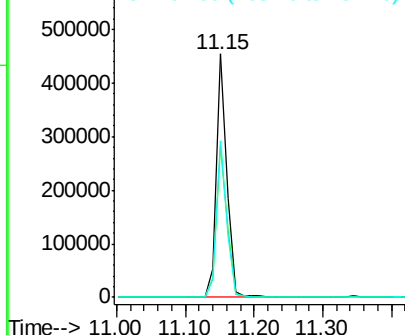
#69
 Pentachlorophenol
 Concen: 66.22 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tgt Ion:266 Resp: 494270
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.0 76.6
 264 64.5 50.6 75.8

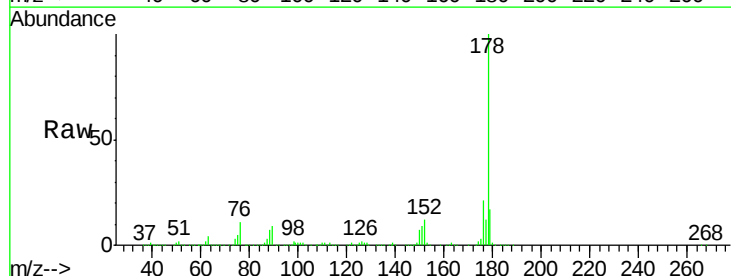


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

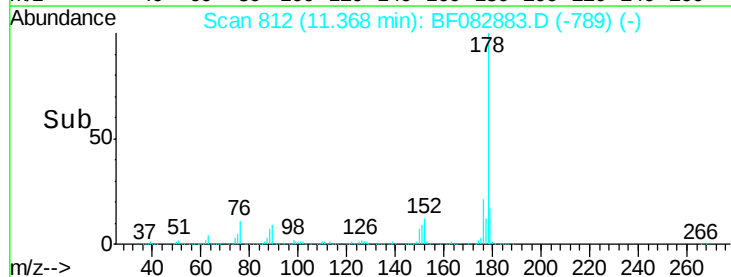
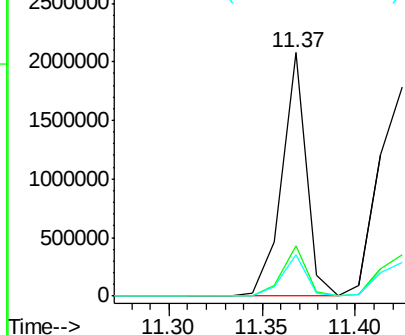


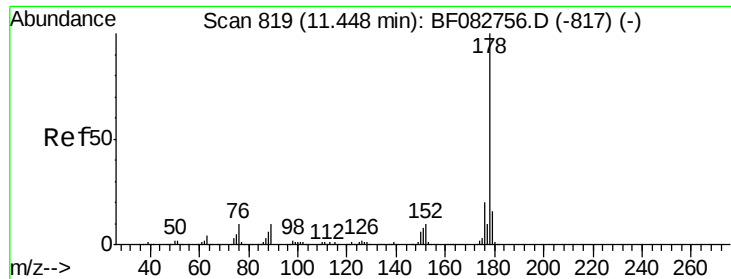
#70
 Phenanthrene
 Concen: 35.57 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:178 Resp: 1888498
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.0 25.4
 179 16.9 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

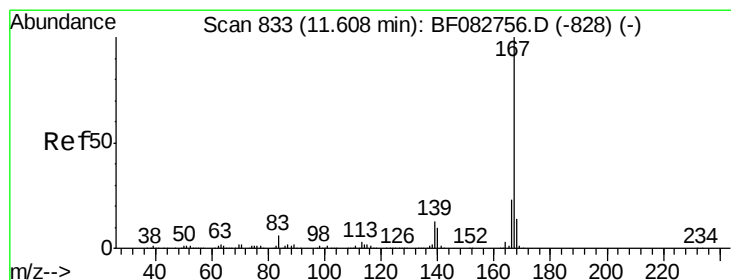
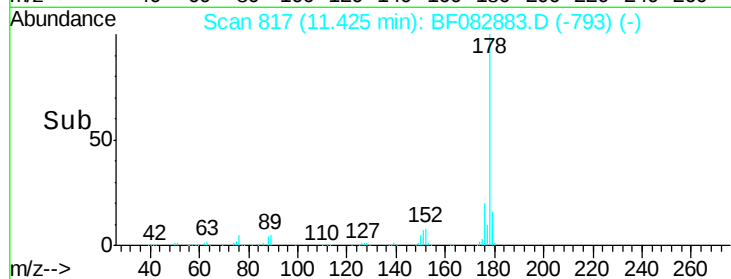
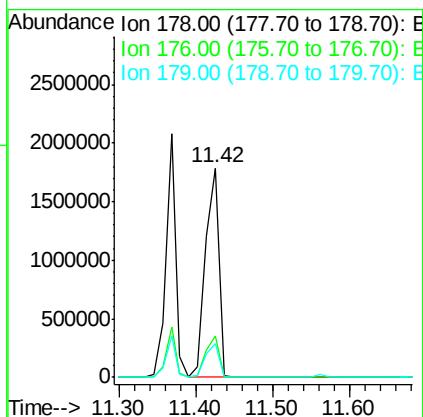
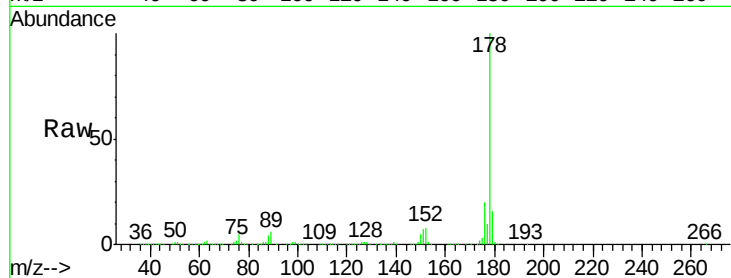




#71
 Anthracene
 Concen: 38.07 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

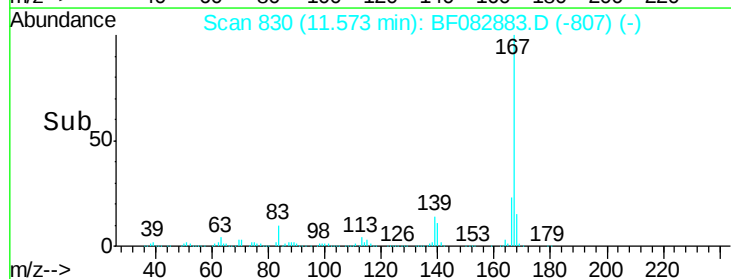
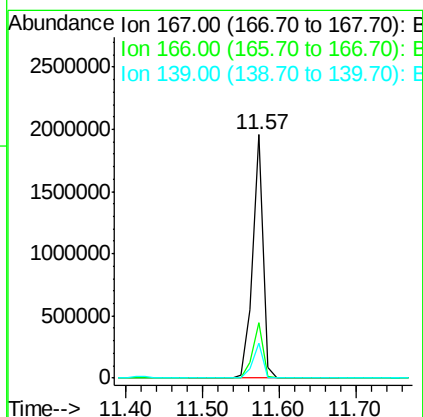
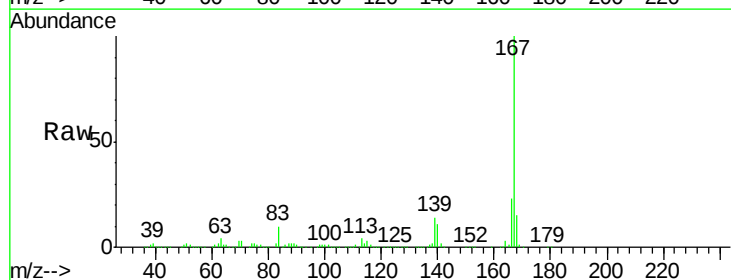
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

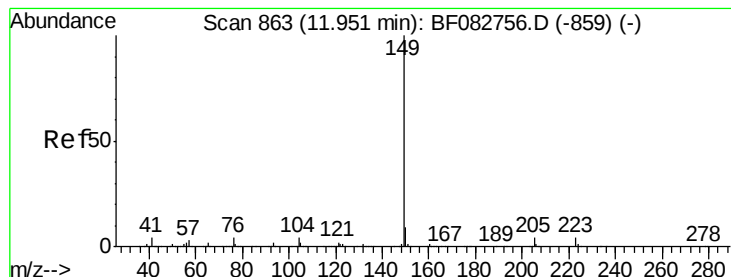
Tgt Ion:178 Resp: 2129013
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 16.1 13.2 19.8



#72
 Carbazole
 Concen: 36.75 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:167 Resp: 1798925
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 14.3 11.8 17.6





#73

Di-n-butylphthalate

Concen: 40.52 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

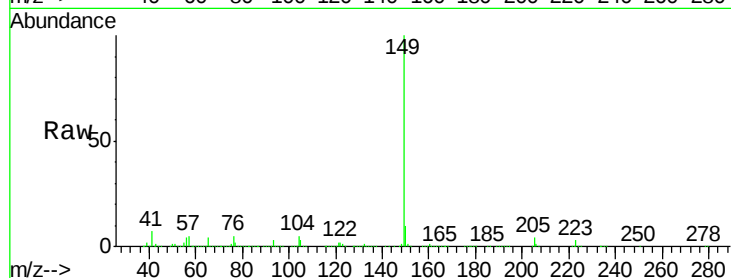
Tgt Ion:149 Resp: 2471288

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

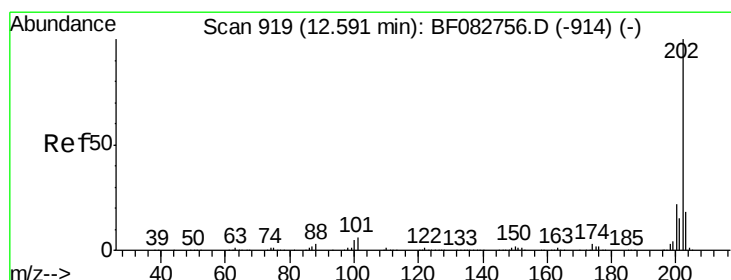
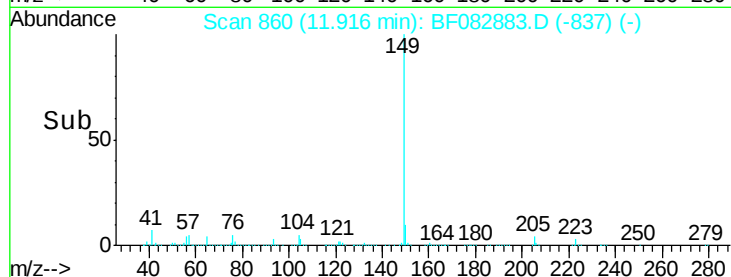
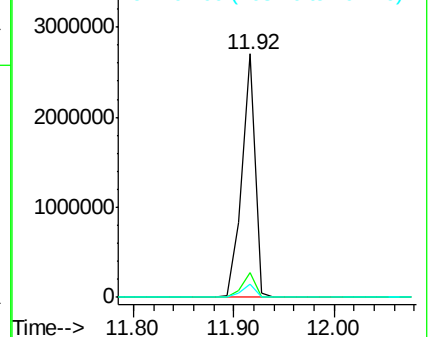
104 5.4 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.37 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

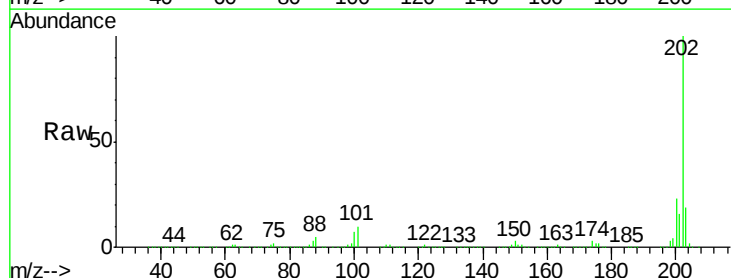
Tgt Ion:202 Resp: 2185816

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.5

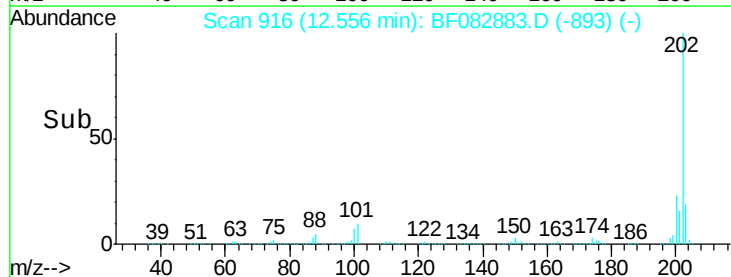
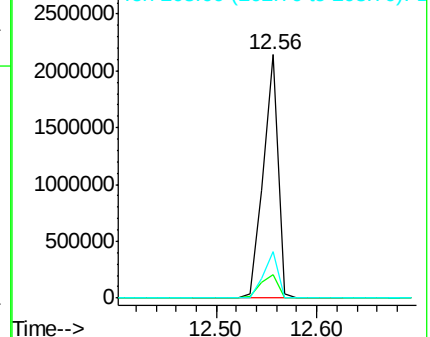
203 19.1 0.0 38.5

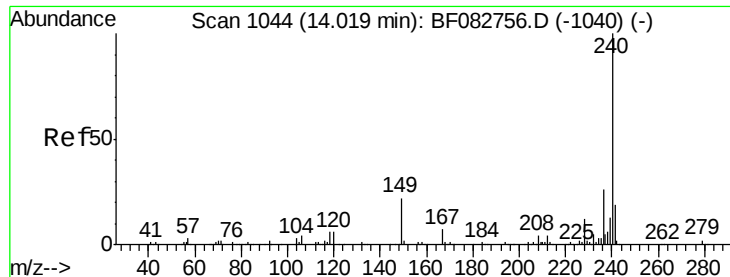


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

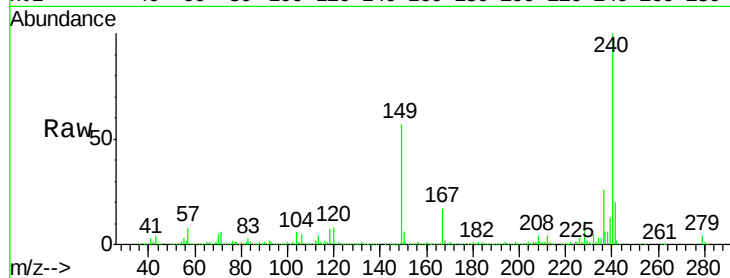
Tgt Ion:240 Resp: 736845

Ion Ratio Lower Upper

240 100

120 7.7 10.9 16.3#

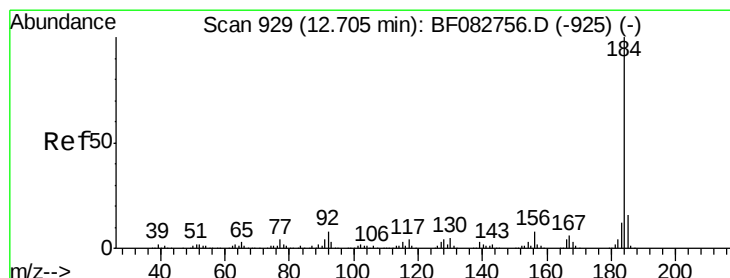
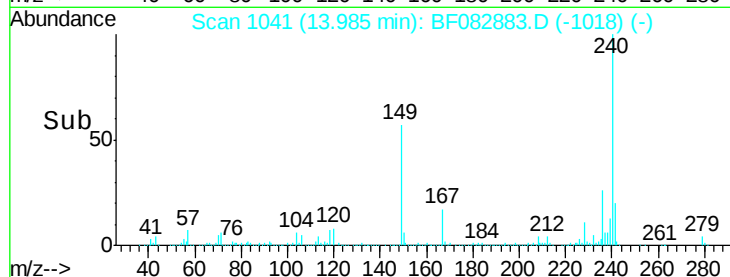
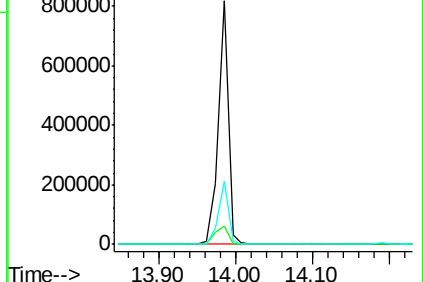
236 26.2 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.92 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

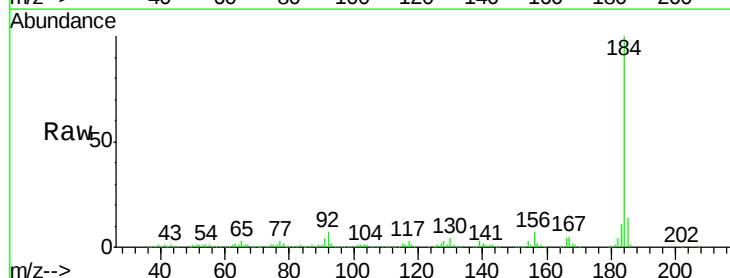
Tgt Ion:184 Resp: 393215

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

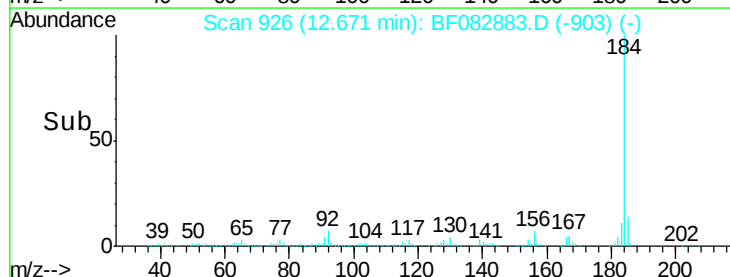
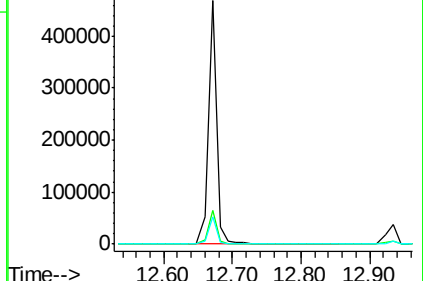
183 11.4 9.6 14.4

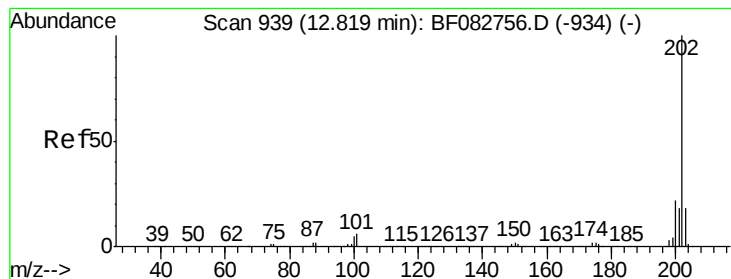


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.18 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

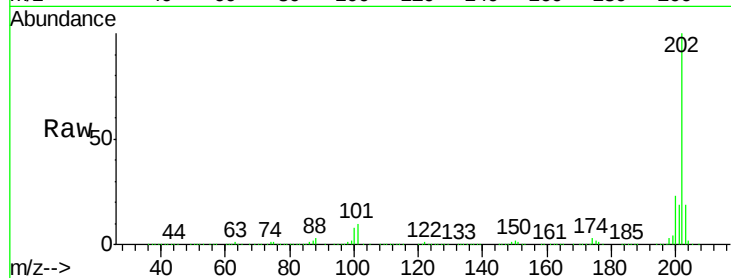
Tgt Ion:202 Resp: 2235559

Ion Ratio Lower Upper

202 100

200 23.3 18.7 28.1

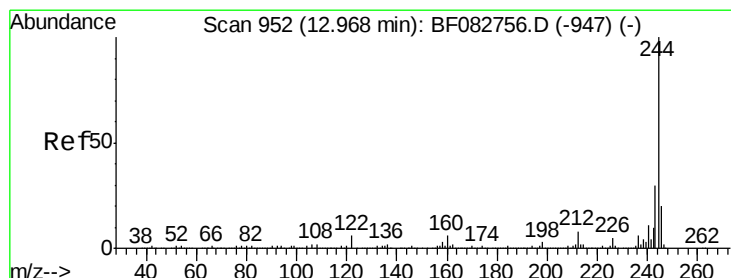
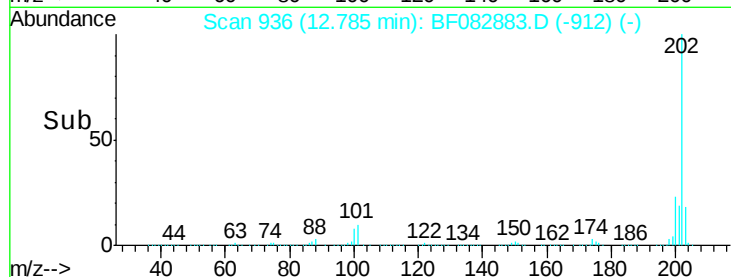
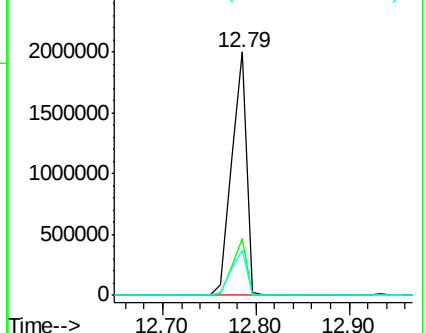
203 18.8 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.85 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

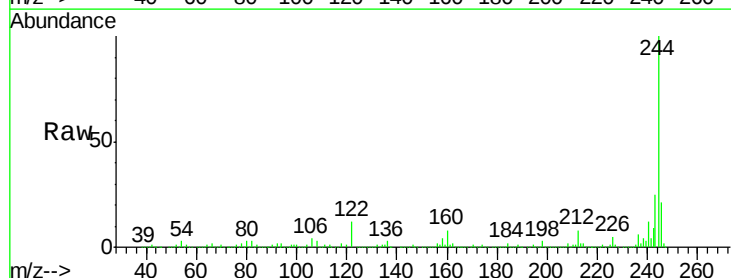
Tgt Ion:244 Resp: 2480682

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

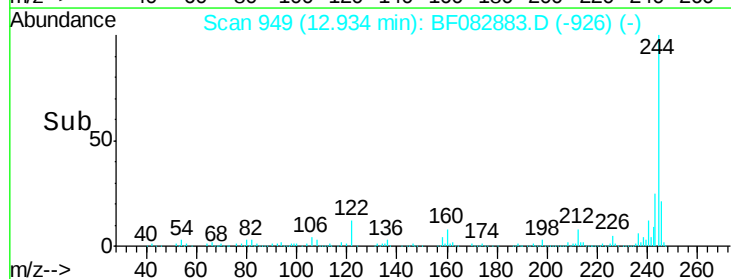
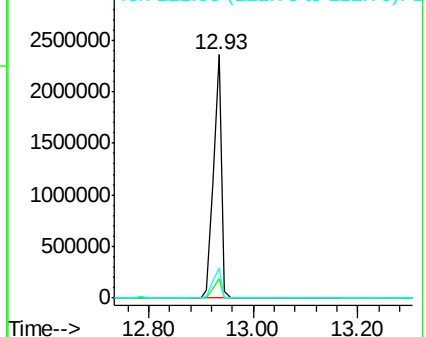
122 12.0 11.3 16.9

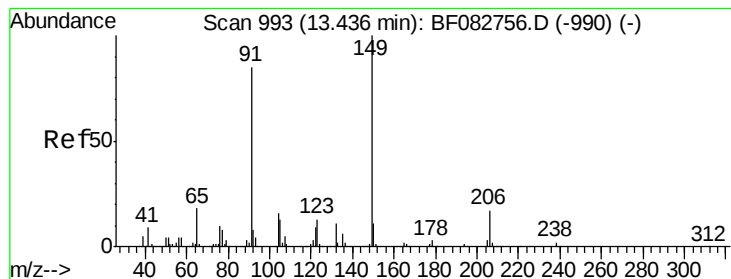


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.95 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

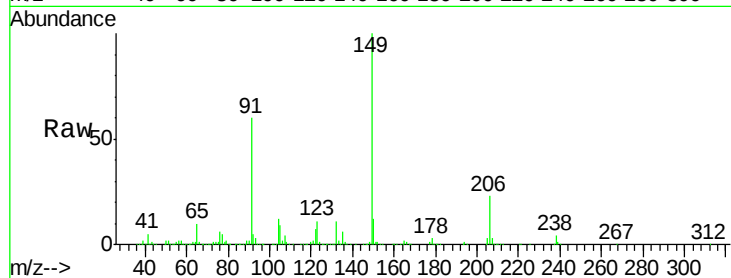
Tgt Ion:149 Resp: 1139038

Ion Ratio Lower Upper

149 100

91 60.3 67.7 101.5#

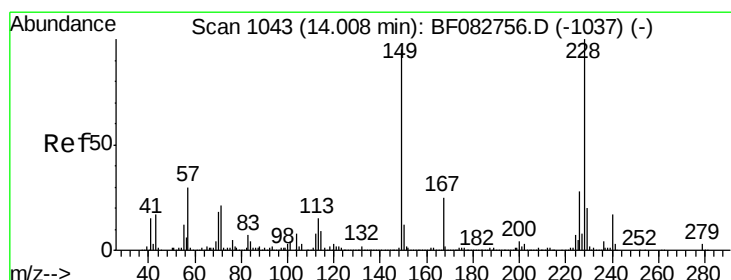
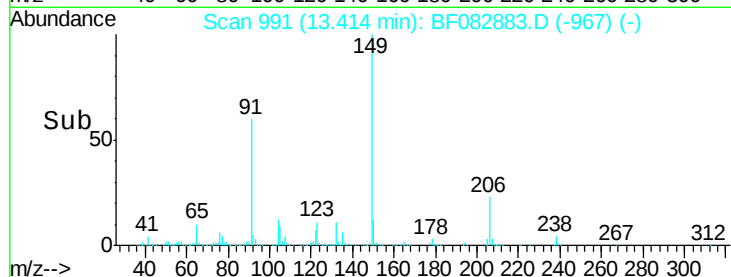
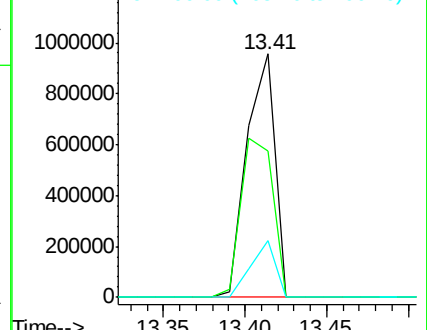
206 23.3 14.6 22.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.33 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

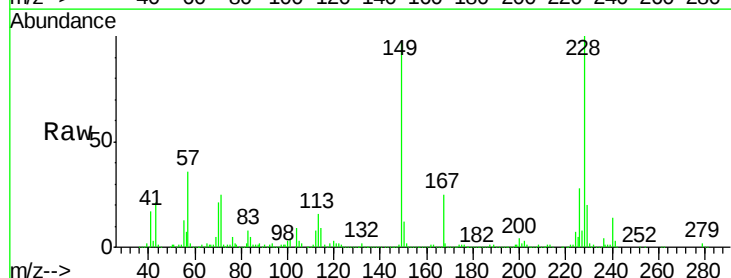
Tgt Ion:228 Resp: 1812029

Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.2

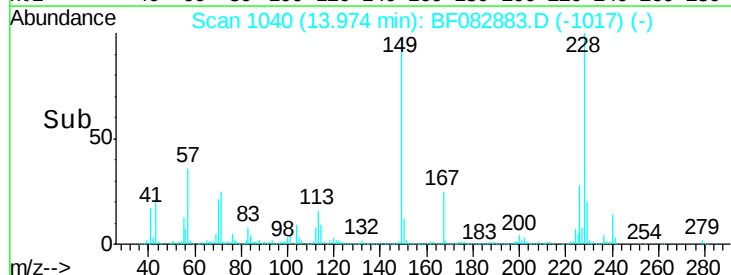
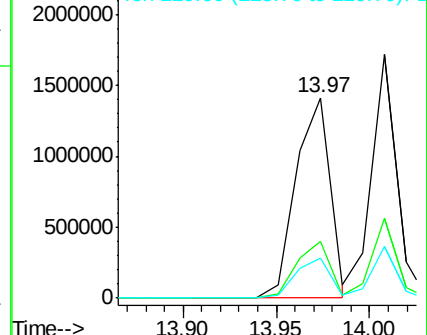
229 20.2 16.3 24.5

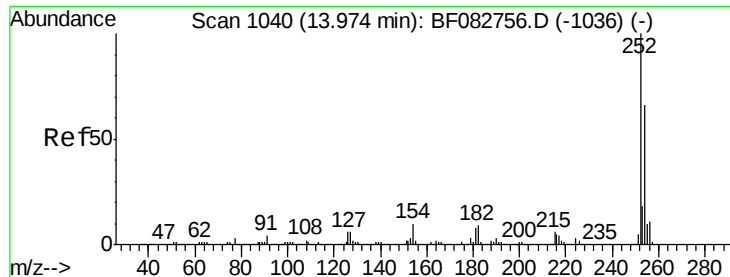


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

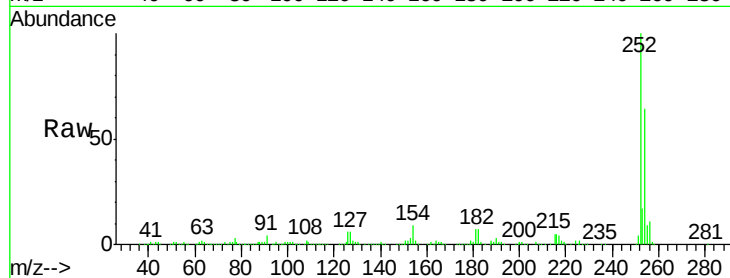




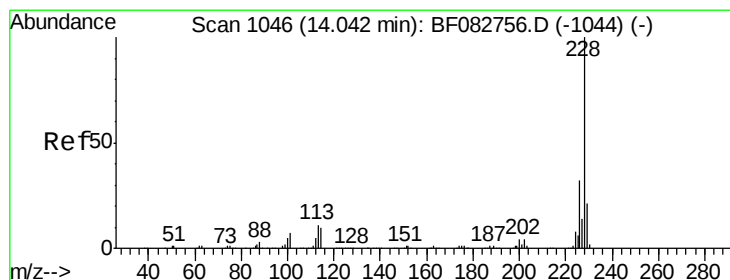
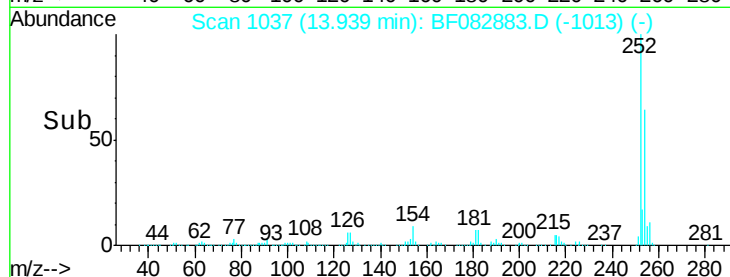
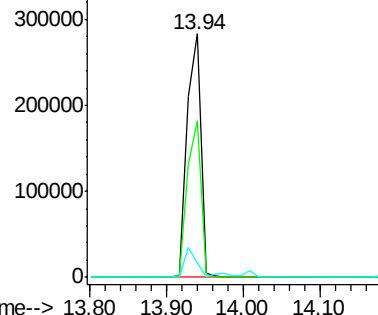
#81
 3,3'-Dichlorobenzidine
 Concen: 21.22 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tgt Ion:252 Resp: 347643
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.4 77.0
 126 6.2 10.7 16.1#

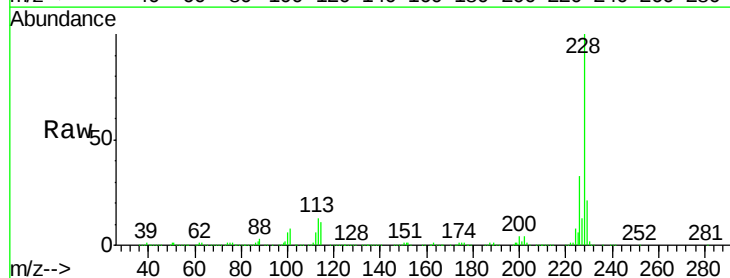


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

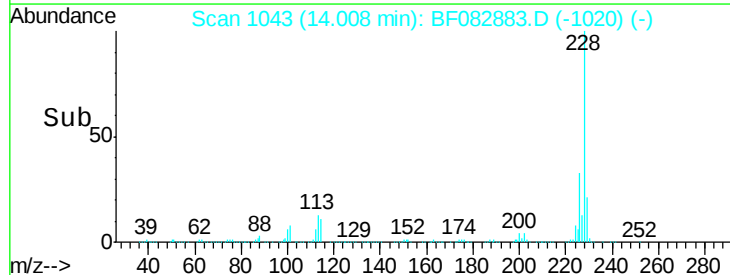
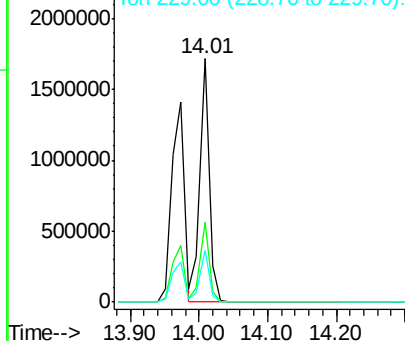


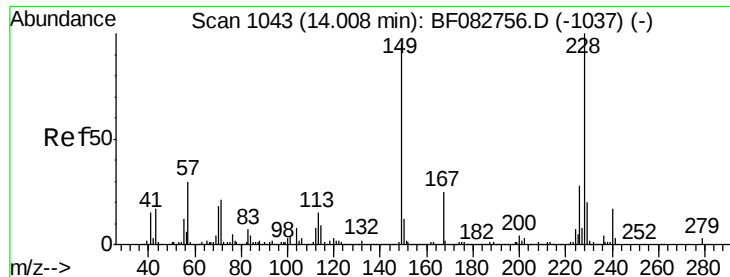
#82
 Chrysene
 Concen: 37.89 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:228 Resp: 1599221
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.5 38.3
 229 21.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.18 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

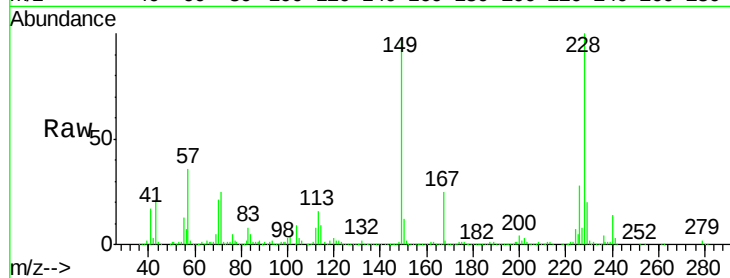
Tgt Ion:149 Resp: 1351767

Ion Ratio Lower Upper

149 100

167 25.9 21.2 31.8

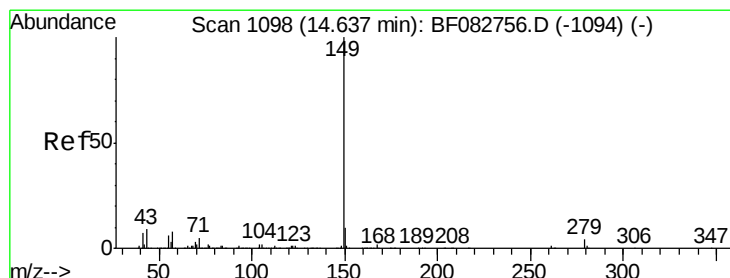
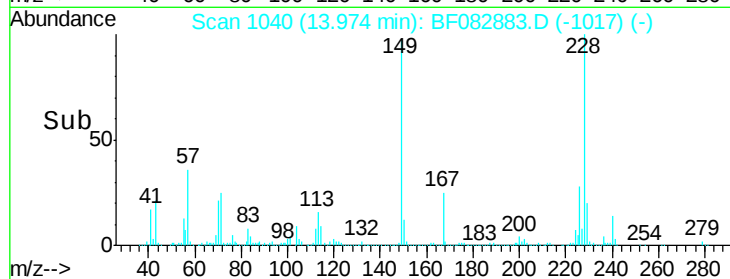
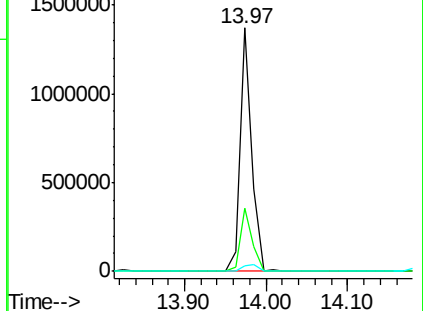
279 2.3 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.41 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.05 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

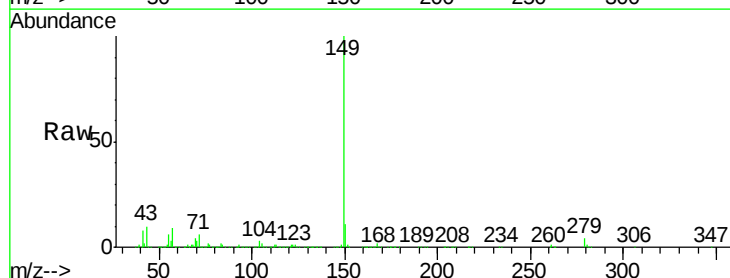
Tgt Ion:149 Resp: 2521621

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

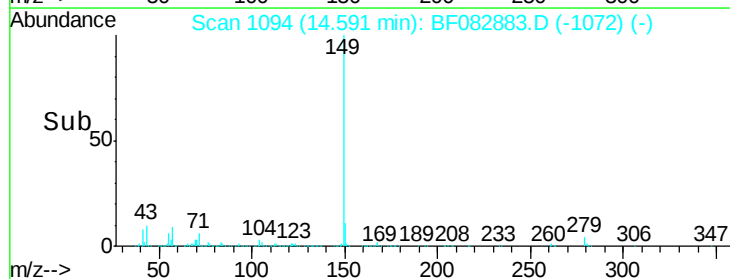
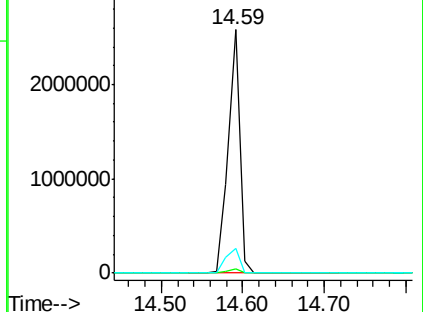
43 11.9 10.1 15.1

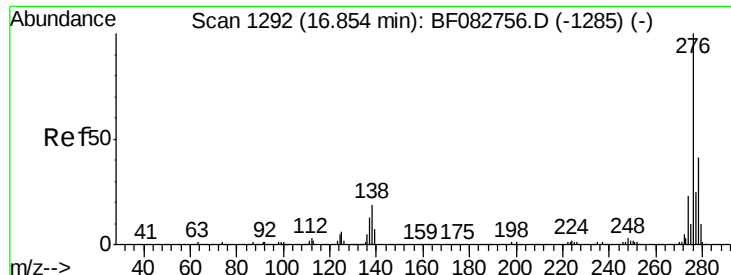


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

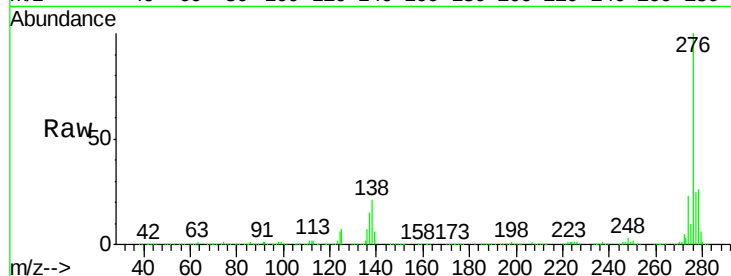




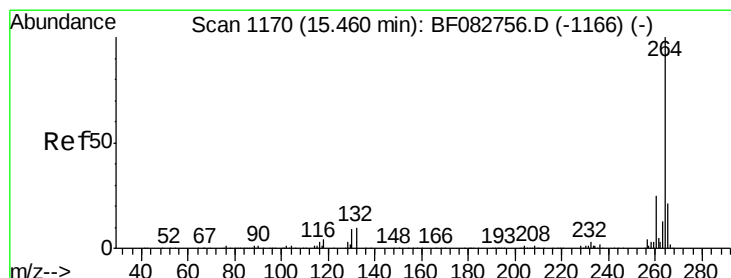
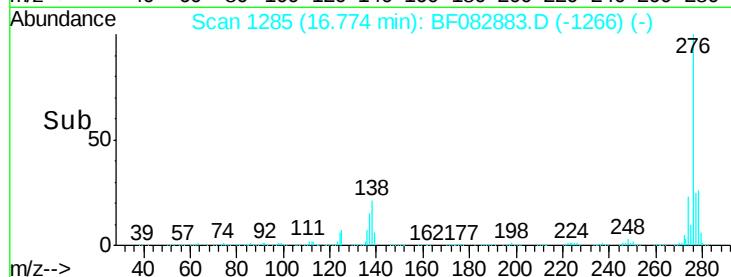
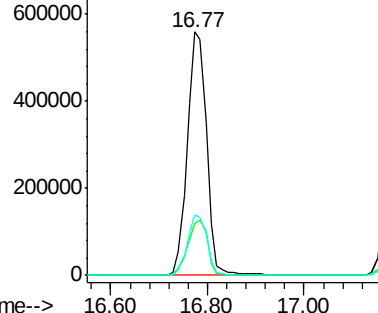
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.18 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.08 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tgt Ion:276 Resp: 1569508
 Ion Ratio Lower Upper
 276 100
 138 23.5 15.3 22.9#
 277 25.2 20.2 30.4

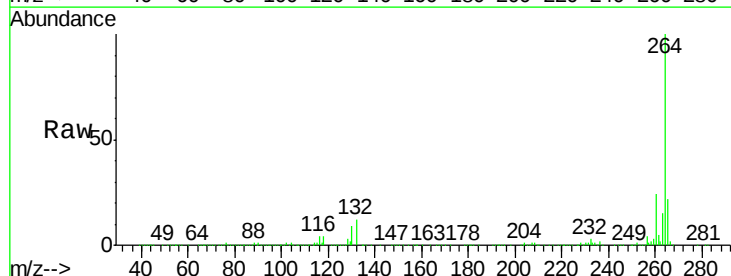


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

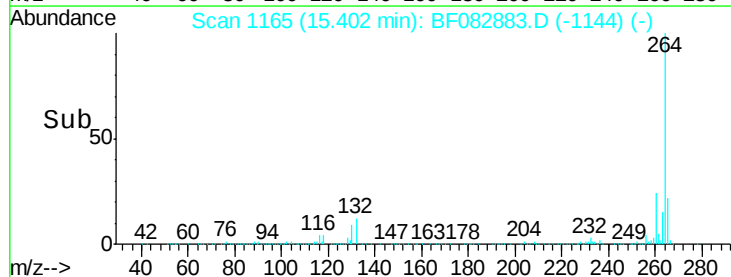
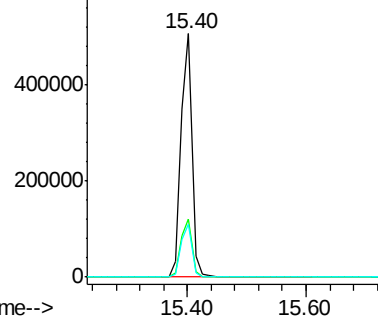


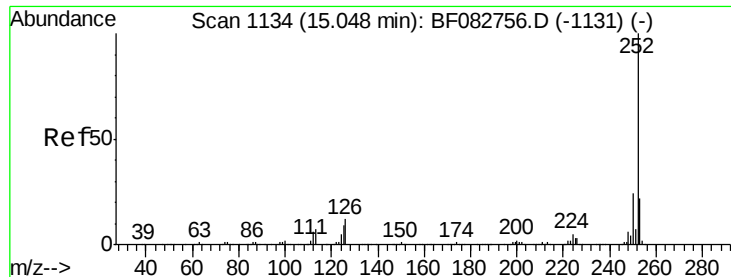
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion:264 Resp: 653756
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 71.47 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

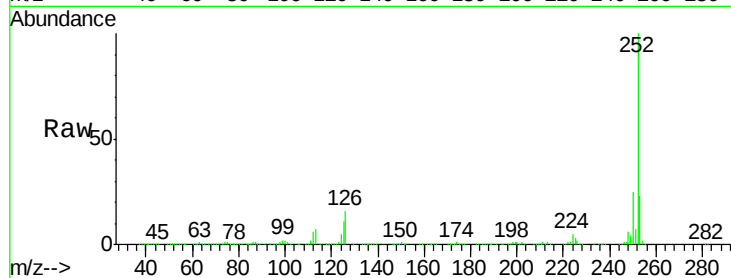
Tgt Ion:252 Resp: 2999267

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

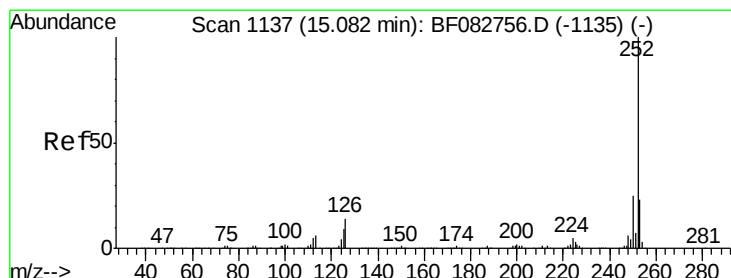
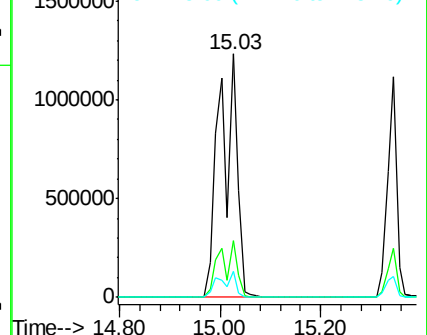
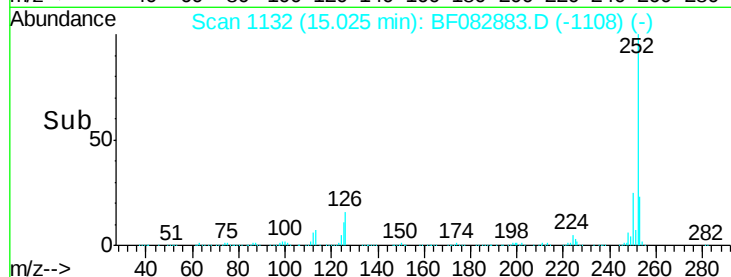
125 10.9 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.60 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

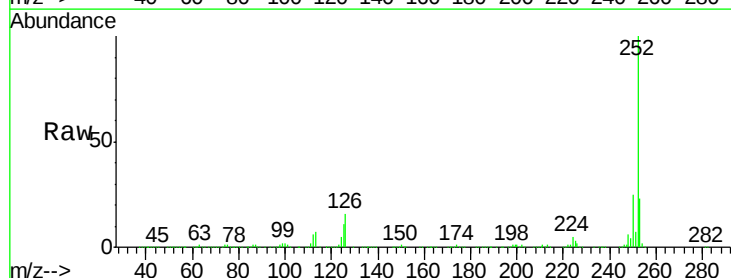
Tgt Ion:252 Resp: 3000537

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

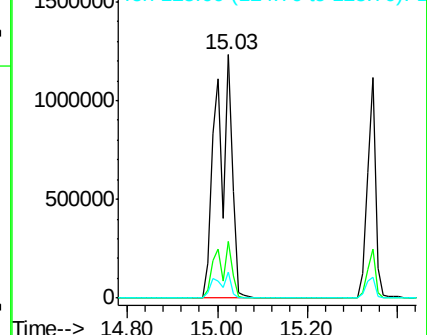
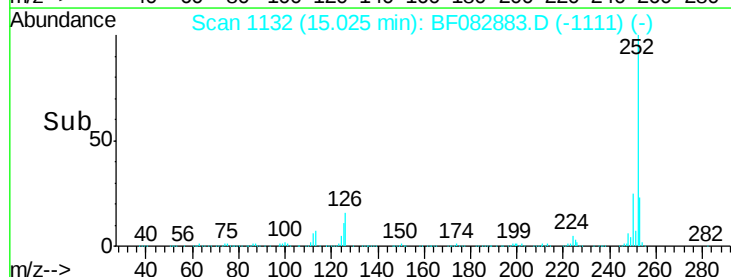
125 10.9 3.5 5.3#

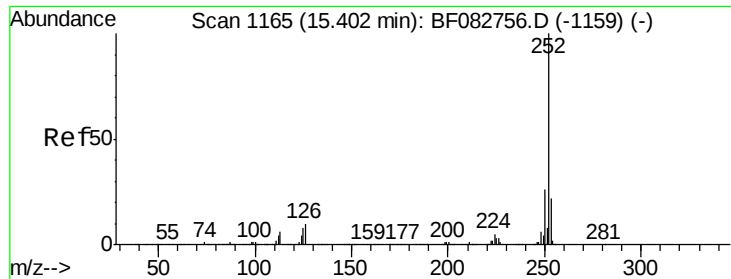


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.29 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.06 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

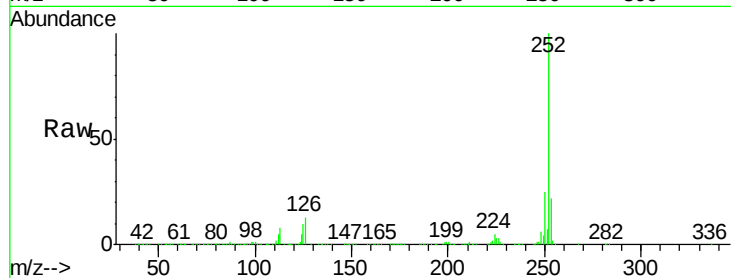
Tgt Ion:252 Resp: 1428551

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

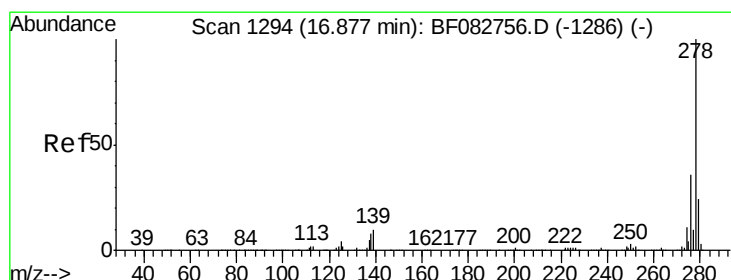
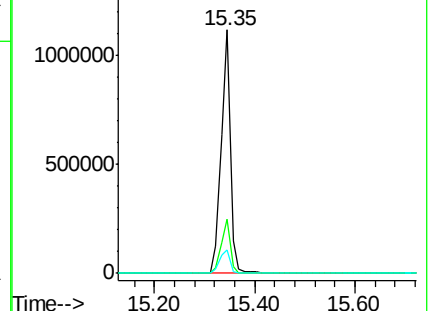
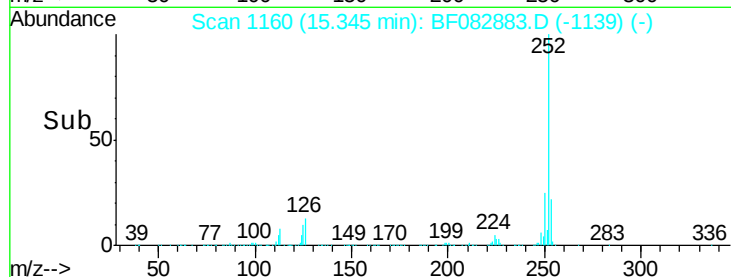
125 9.7 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.71 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

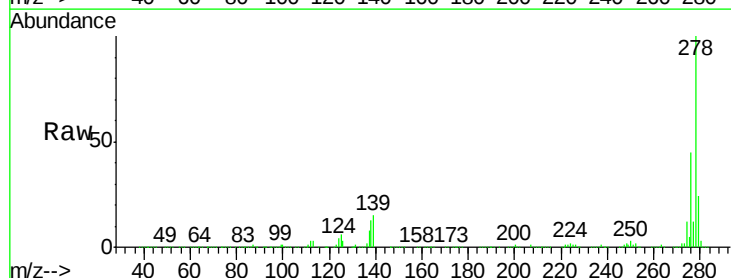
Tgt Ion:278 Resp: 1315052

Ion Ratio Lower Upper

278 100

139 15.1 9.9 14.9#

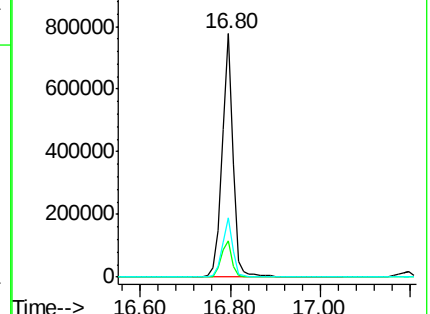
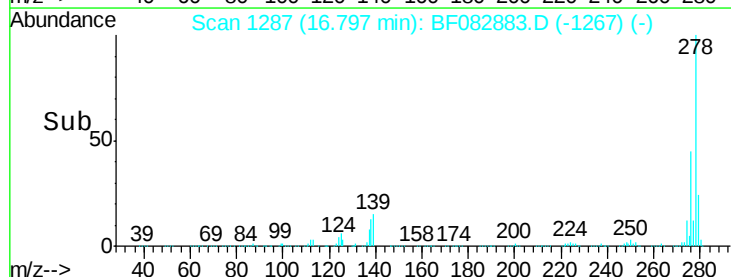
279 24.5 19.6 29.4

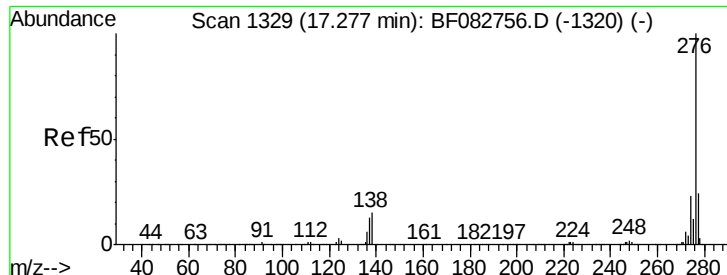


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.89 ng

RT: 17.20 min Scan# 1322

Delta R.T. -0.07 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

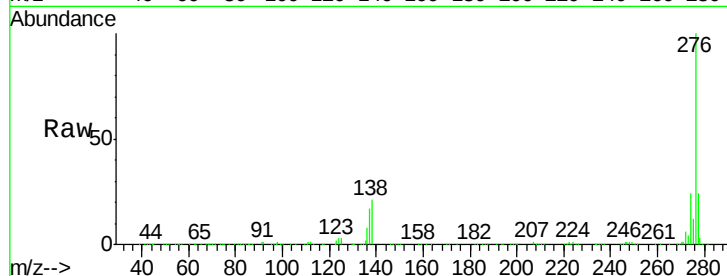
Tgt Ion:276 Resp: 1294277

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 20.9 13.1 19.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

