

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 18:17:56 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	6.36	77	26124m	2.32	ng	
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	6.76	146	710340m	36.99	ng	
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	204891m	44.48	ng	
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

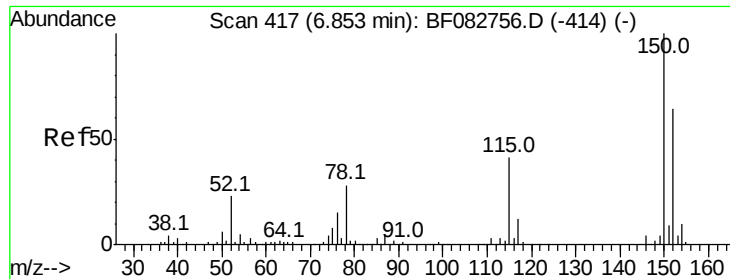
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	474556	40.67	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	432116	37.44	nq	# 88
45) 1,1'-Biphenyl	9.29	154	1584030	38.81	nq	98
46) 2-Chloronaphthalene	9.31	162	1268260	39.83	nq	99
47) 2-Nitroaniline	9.40	65	426843	36.14	nq	# 82
48) Acenaphthylene	9.72	152	1806017	36.19	nq	99
49) Dimethylphthalate	9.60	163	1603669	41.15	nq	# 98
50) 2,6-Dinitrotoluene	9.64	165	333174	40.07	nq	93
51) Acenaphthene	9.89	154	1295866	40.98	nq	99
52) 3-Nitroaniline	9.81	138	119627	13.08	nq	# 65
53) 2,4-Dinitrophenol	9.92	184	394132	86.32	nq	# 29
54) Dibenzofuran	10.06	168	1584643	37.17	nq	94
55) 4-Nitrophenol	9.98	139	454631	64.80	nq	83
56) 2,4-Dinitrotoluene	10.05	165	479503	42.50	nq	90
57) Fluorene	10.41	166	1225507	35.49	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	396041	42.05	nq	# 87
59) Diethylphthalate	10.29	149	1489764	39.15	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	646529	37.42	nq	95
61) 4-Nitroaniline	10.43	138	311250	33.84	nq	# 76
62) Azobenzene	10.57	77	1736317	42.48	nq	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	280102	43.01	nq	77
65) n-Nitrosodiphenylamine	10.52	169	1107078	33.52	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	393868	35.78	nq	# 72
67) Hexachlorobenzene	10.96	284	427430	34.78	nq	# 85
68) Atrazine	11.06	200	388924	38.08	nq	91
69) Pentachlorophenol	11.15	266	494270	66.22	nq	98
70) Phenanthrene	11.37	178	1888498	35.57	nq	99
71) Anthracene	11.42	178	2129013	38.07	nq	99
72) Carbazole	11.57	167	1798925	36.75	nq	99
73) Di-n-butylphthalate	11.92	149	2471288	40.52	nq	98
74) Fluoranthene	12.56	202	2185816	38.37	nq	98
76) Benzidine	12.67	184	393215	15.92	nq	98
77) Pyrene	12.79	202	2235559	44.18	nq	100
79) Butylbenzylphthalate	13.41	149	1139038	50.95	nq	# 76
80) Benzo(a)anthracene	13.97	228	1812029	39.33	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	347643	21.22	nq	# 97
82) Chrysene	14.01	228	1599221	37.89	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	1351767	44.18	nq	99
84) Di-n-octyl phthalate	14.59	149	2521621	49.41	nq	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	1569508	43.18	nq	# 96
87) Benzo(b)fluoranthene	15.00	252	1729961m	41.22	nq	
88) Benzo(k)fluoranthene	15.03	252	1257140m	33.77	nq	
89) Benzo(a)pyrene	15.35	252	1428551	39.29	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	1315052	42.71	nq	# 98
91) Benzo(g,h,i)perylene	17.20	276	1294277	43.89	nq	# 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

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BNA_F

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LAR9862-AMSD

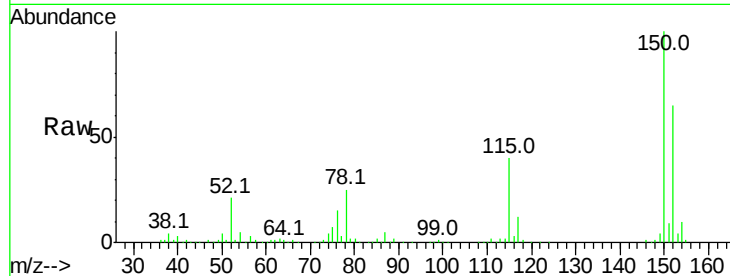
Tot Ion:152 Resp: 238982

Ion Ratio Lower Upper

152 100

150 154.4 127.0 190.4

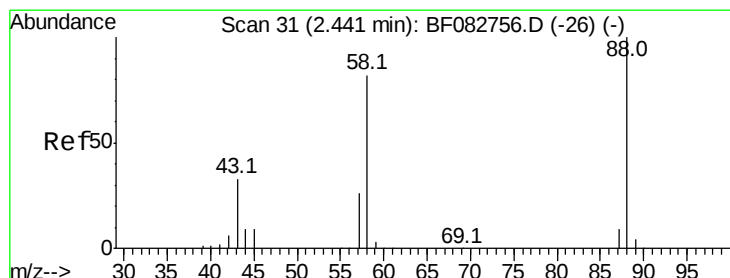
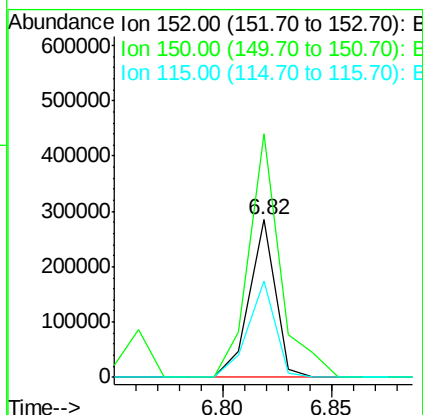
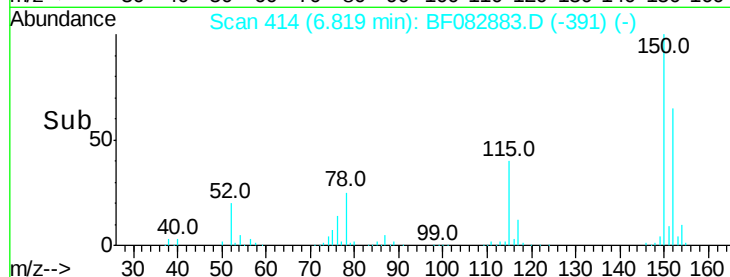
115 61.1 47.0 70.6



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

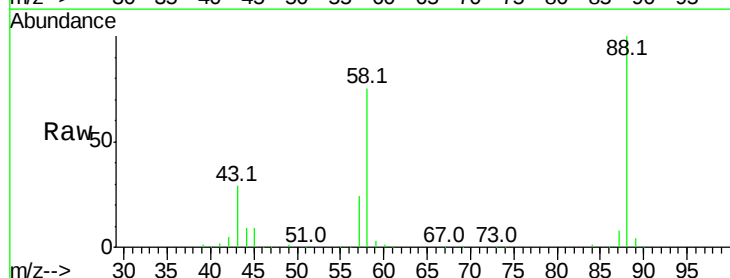
Tgt Ion: 88 Resp: 255416

Ion Ratio Lower Upper

88 100

58 78.2 62.0 93.0

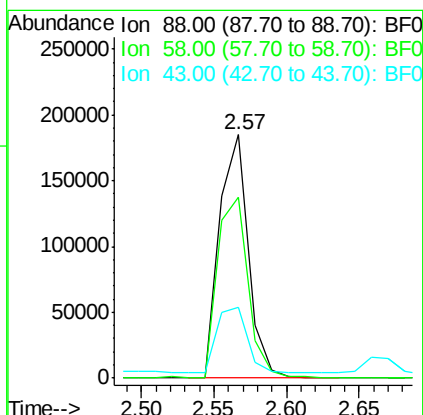
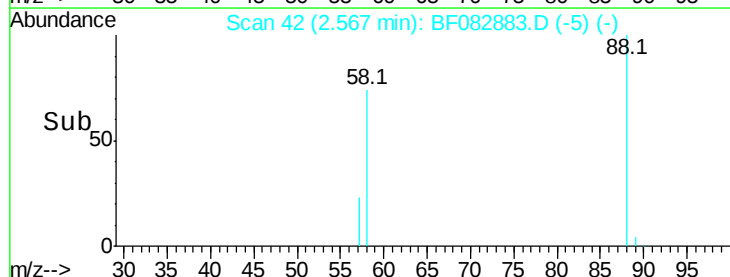
43 0.0 26.6 40.0#

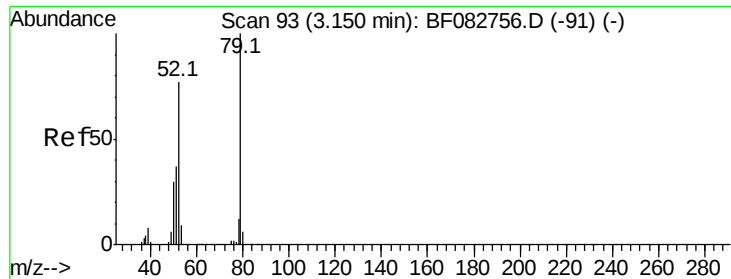


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

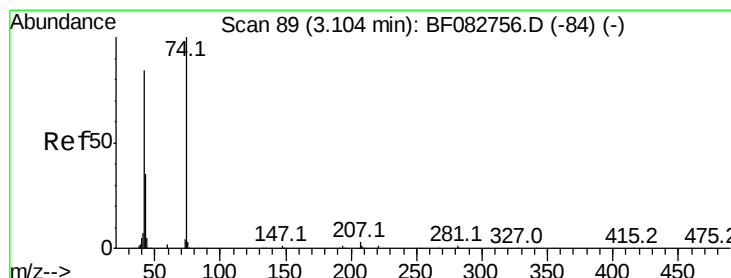
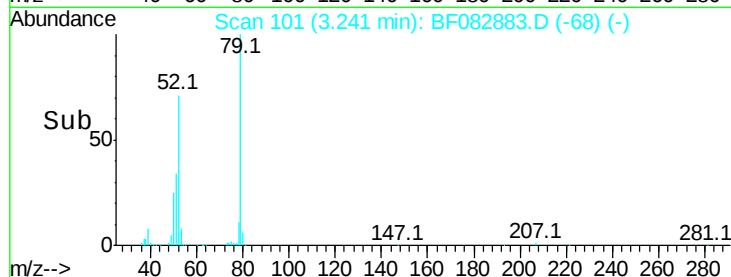
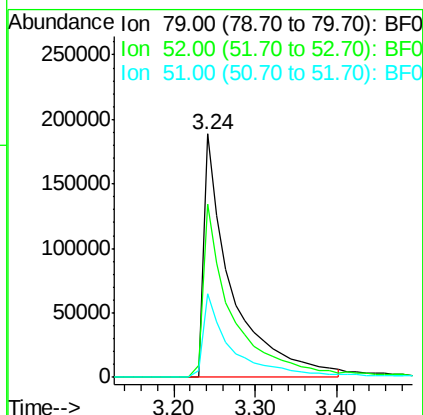
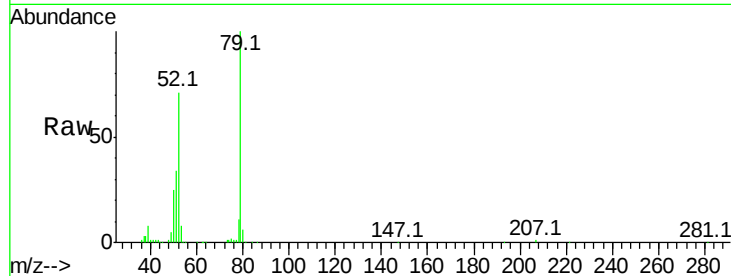




#3
 Pvridine
 Concen: 23.50 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.08 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

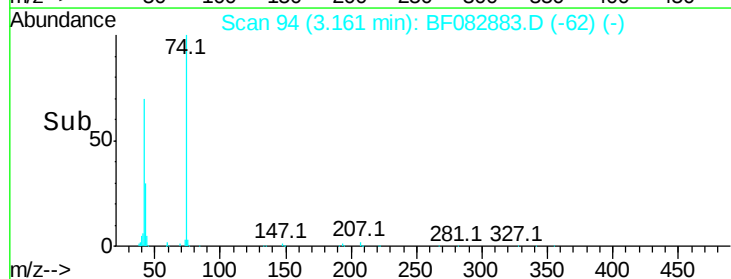
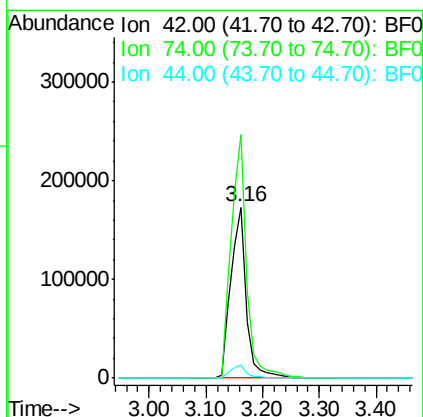
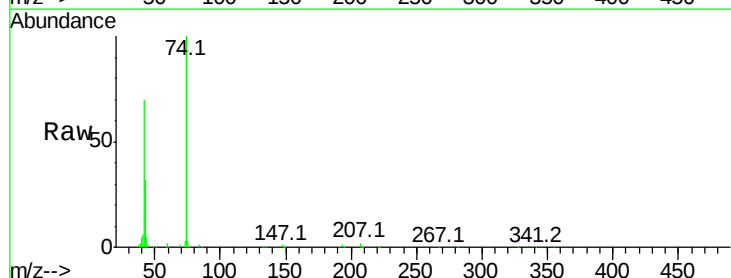
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

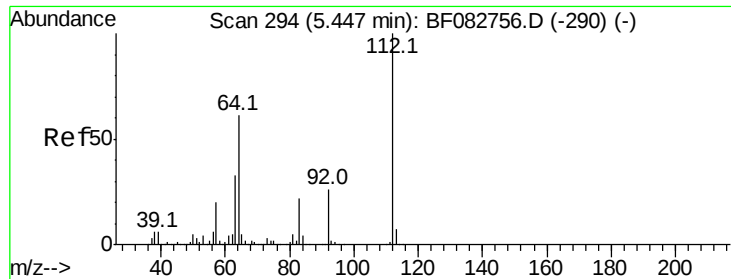
Tot Ion: 79 Resp: 451961
 Ion Ratio Lower Upper
 79 100
 52 71.4 62.8 94.2
 51 34.3 32.0 48.0



#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

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

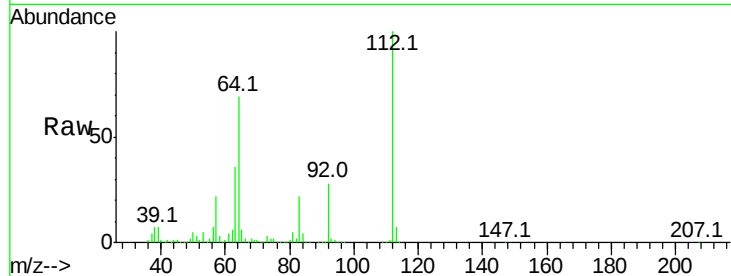
Tot Ion:112 Resp: 1633292

Ion Ratio Lower Upper

112 100

64 69.3 48.9 73.3

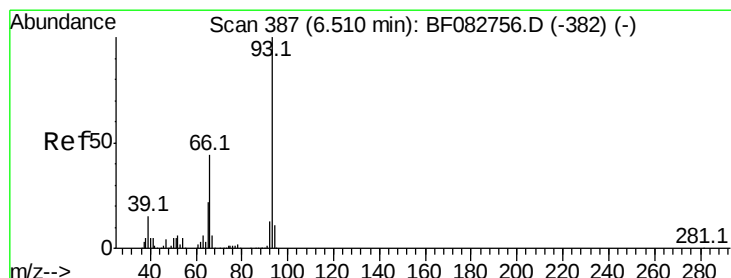
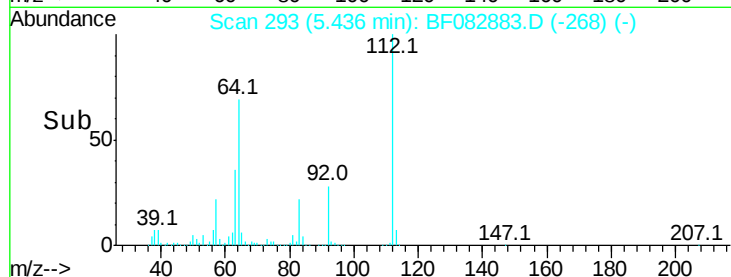
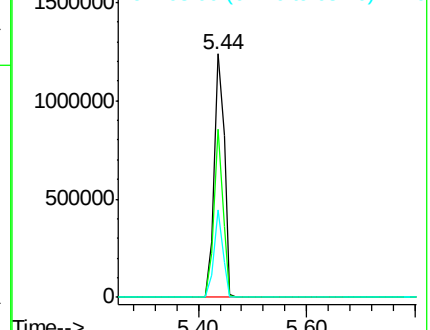
63 35.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

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

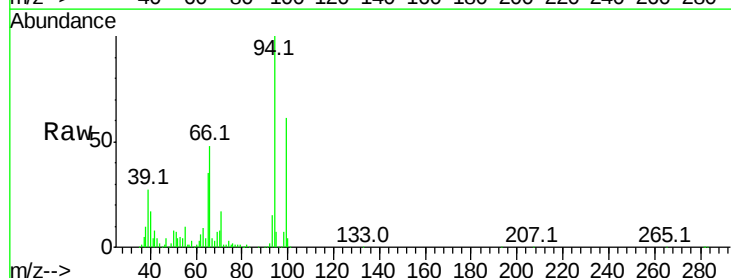
Tgt Ion: 93 Resp: 221802

Ion Ratio Lower Upper

93 100

66 325.1 33.6 50.4#

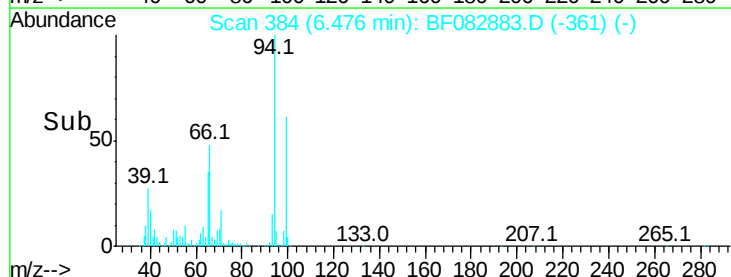
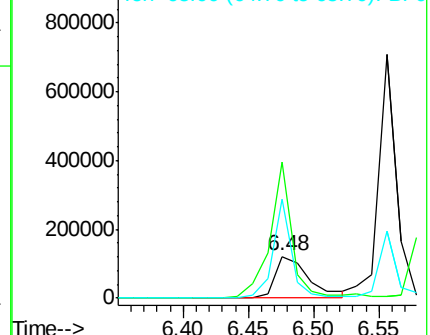
65 237.8 18.1 27.1#

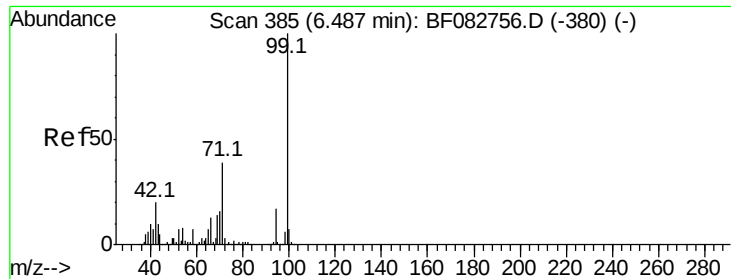


Abundance Ion 93.00 (92.70 to 93.70): BF0

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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ClientSampleId :

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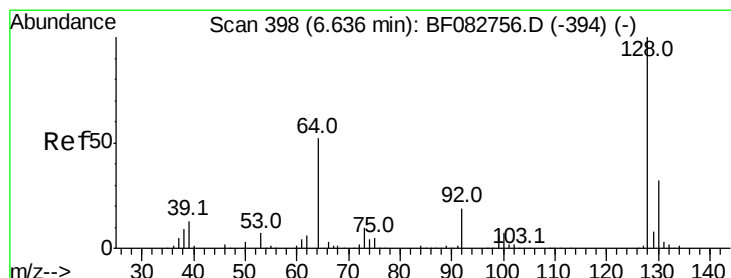
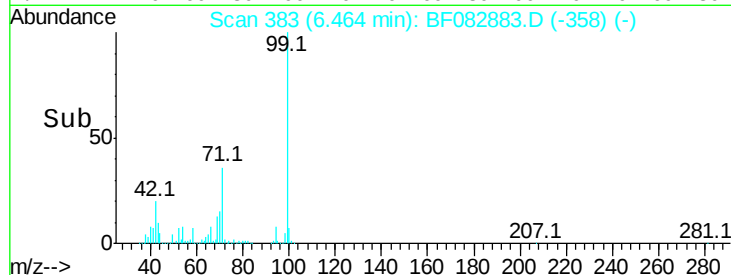
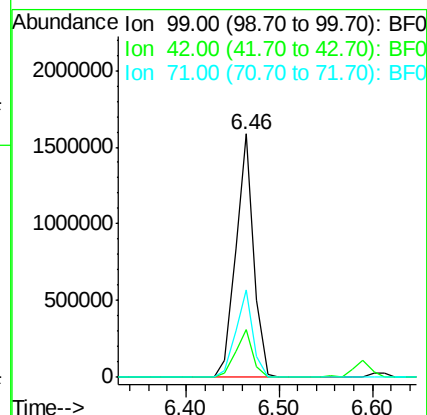
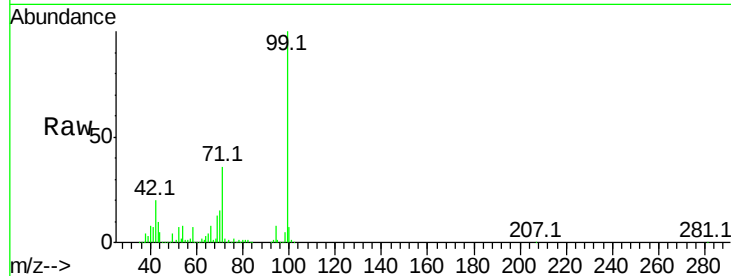
Tot Ion: 99 Resp: 2099568

Ion Ratio Lower Upper

99 100

42 19.6 19.2 28.8

71 36.1 35.0 52.4



#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

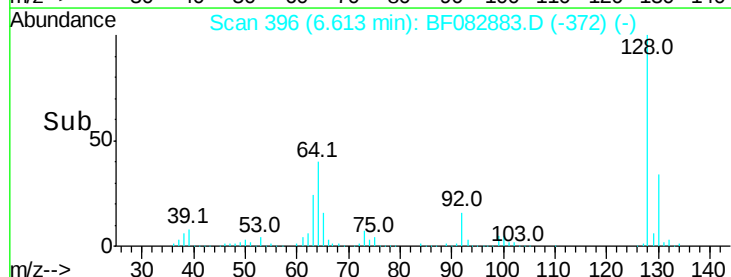
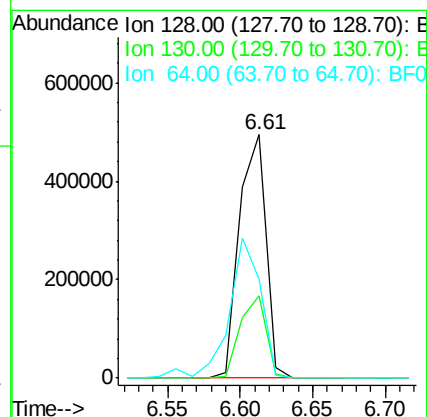
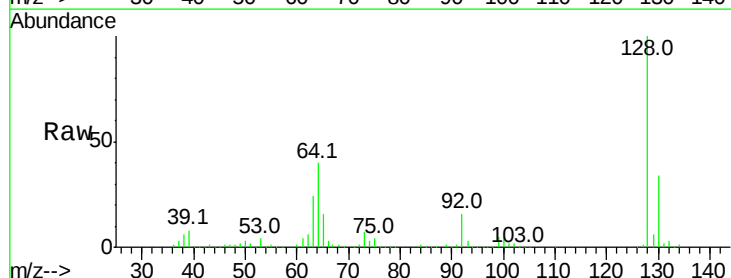
Tgt Ion: 128 Resp: 629558

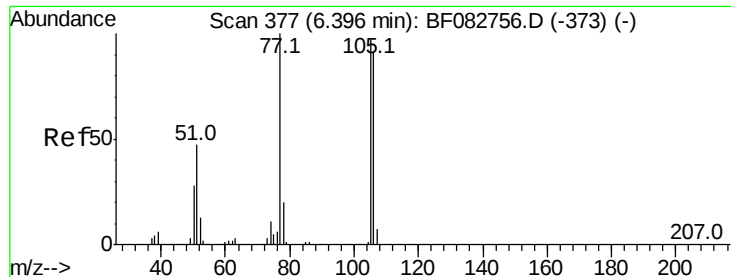
Ion Ratio Lower Upper

128 100

130 33.6 13.5 53.5

64 40.4 21.1 61.1





#9

Benzaldehyde

Concen: 2.32 ng/ml

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

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ClientSampleId :

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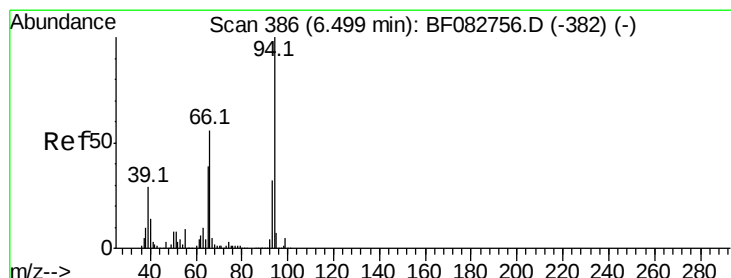
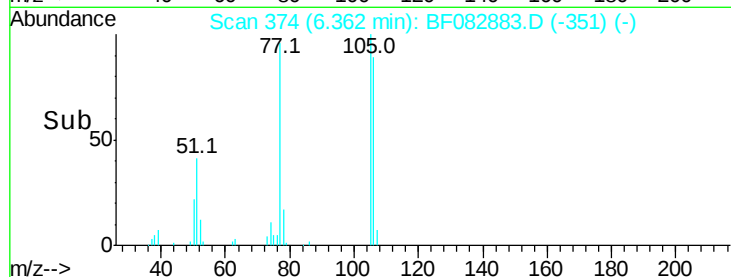
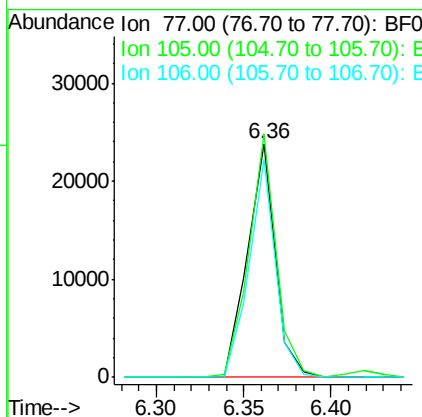
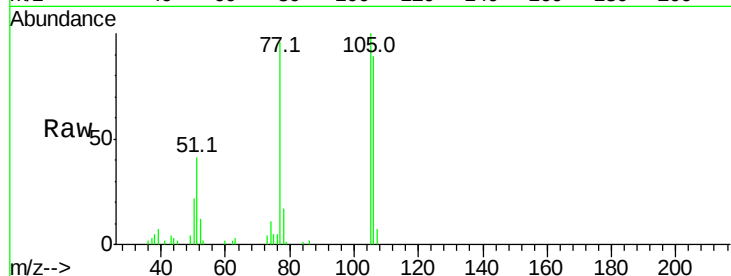
Tot Ion: 77 Resp: 26124

Ion Ratio Lower Upper

77 100

105 104.2 63.5 103.5#

106 93.1 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

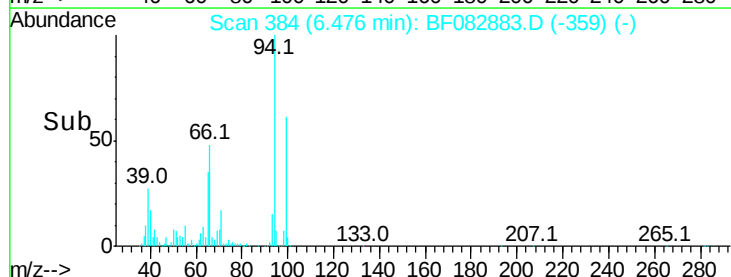
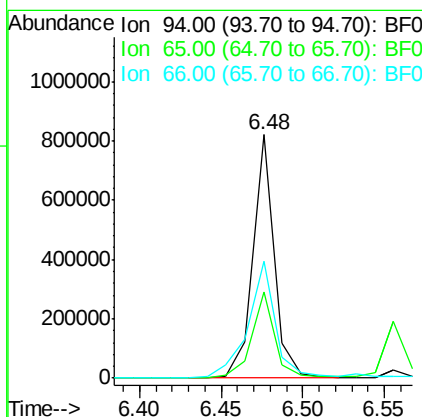
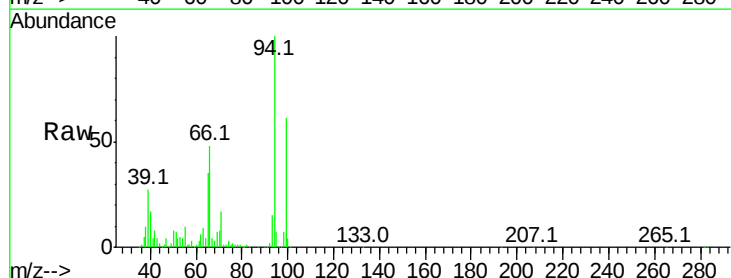
Tgt Ion: 94 Resp: 746283

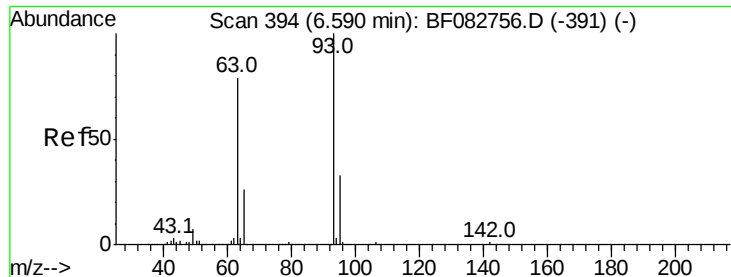
Ion Ratio Lower Upper

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

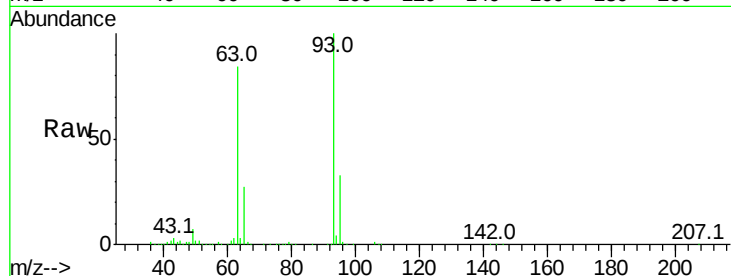
Tot Ion: 93 Resp: 679474

Ion Ratio Lower Upper

93 100

63 84.2 72.7 112.7

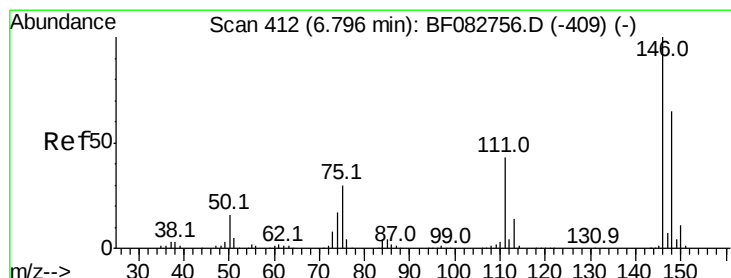
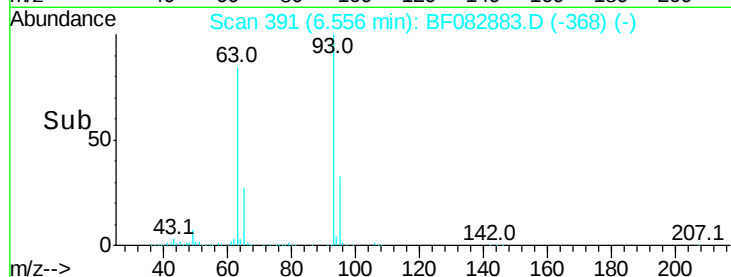
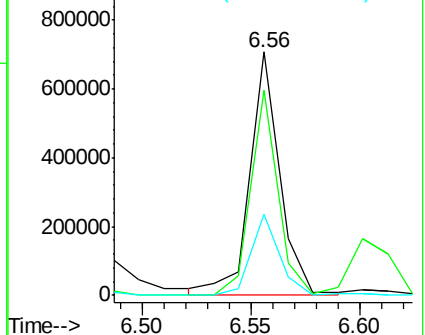
95 33.1 12.0 52.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.99 ng m

RT: 6.76 min Scan# 409

Delta R.T. -0.03 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

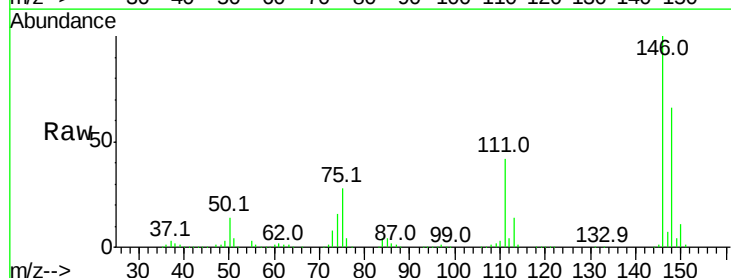
Tgt Ion: 146 Resp: 710340

Ion Ratio Lower Upper

146 100

148 65.6 50.5 75.7

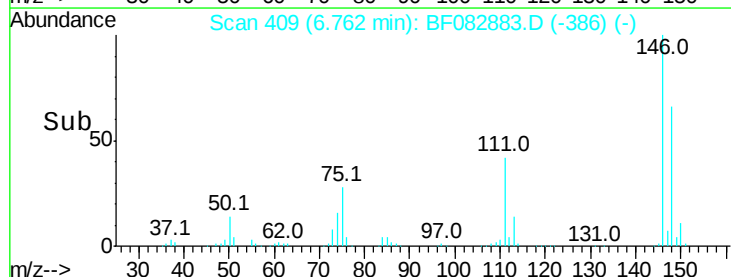
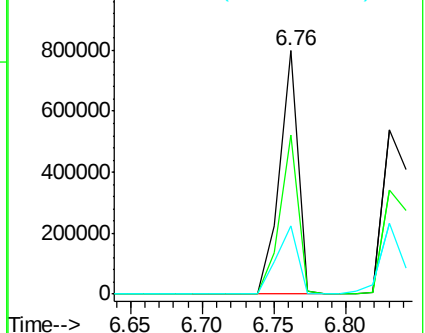
75 28.1 39.5 59.3#

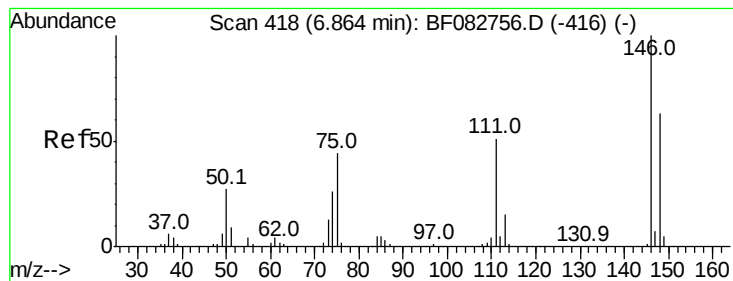


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#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

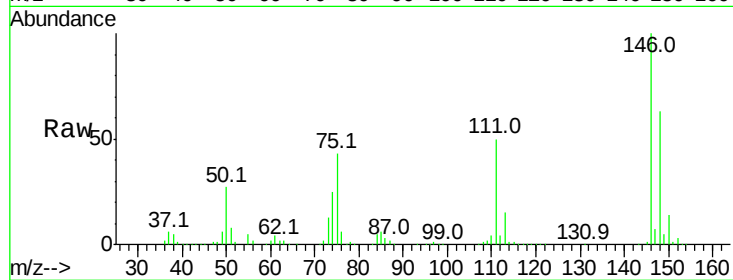
Tot Ion:146 Resp: 655426

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

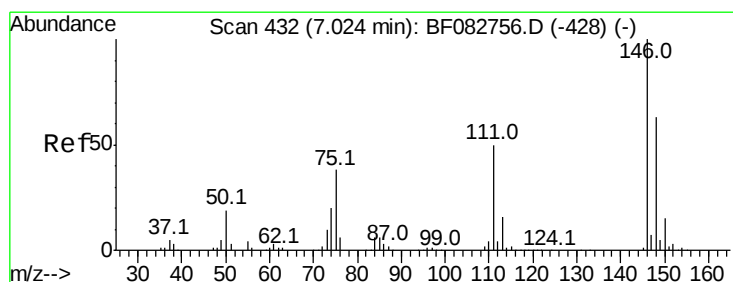
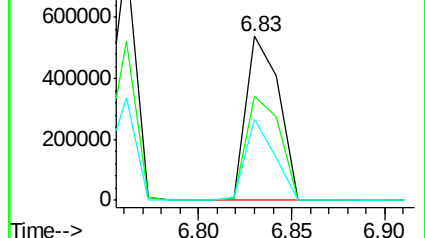
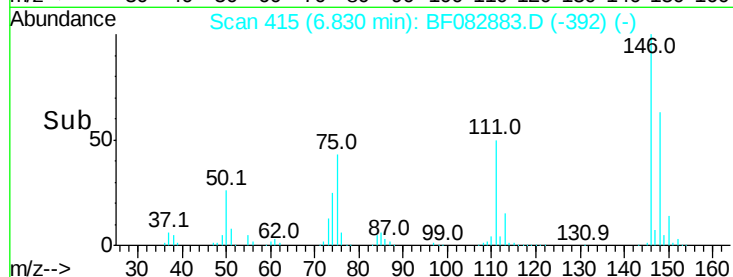
111 49.6 40.6 60.8



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

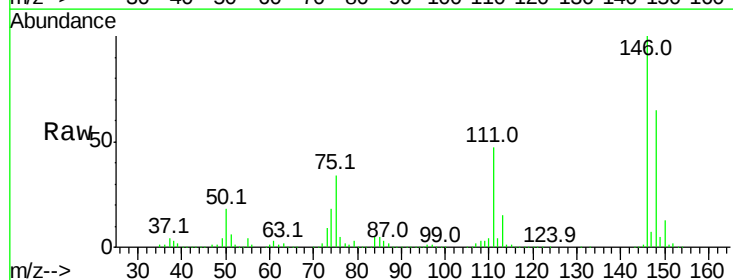
Tgt Ion:146 Resp: 668727

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

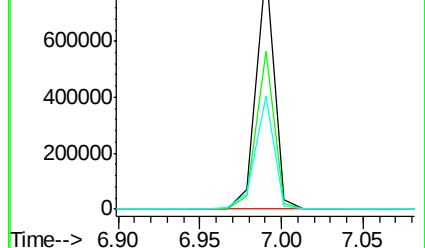
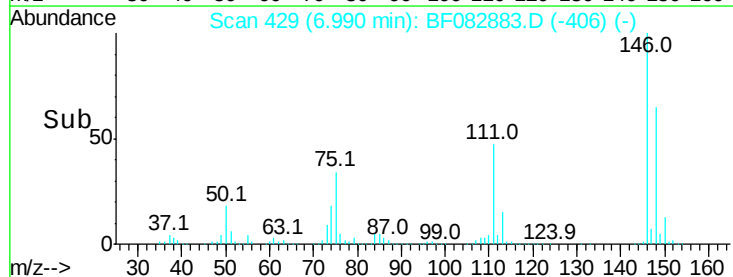
111 46.6 36.6 55.0

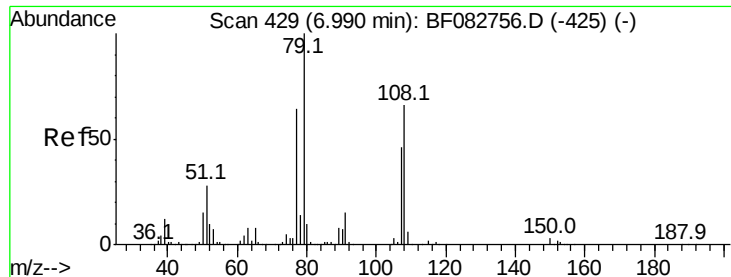


Abundance Ion 146.00 (145.70 to 146.70): E

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

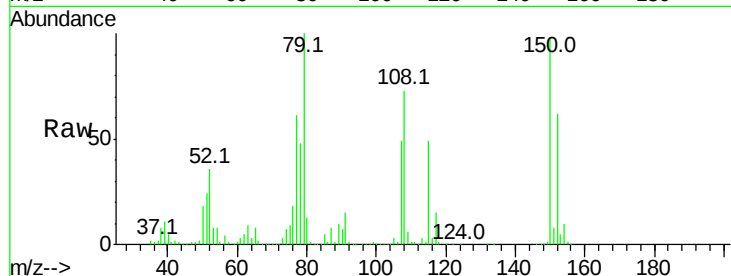
Tot Ion: 79 Resp: 687776

Ion Ratio Lower Upper

79 100

108 72.7 52.2 78.4

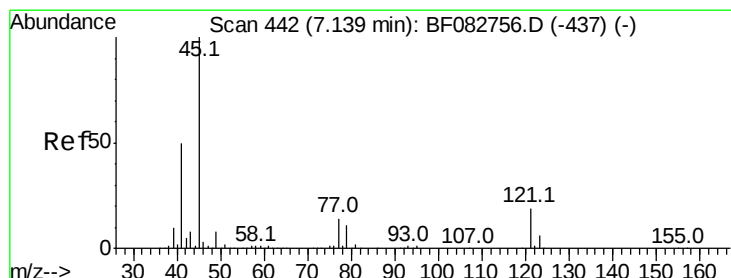
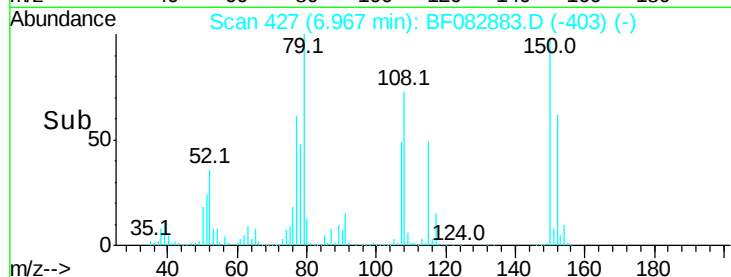
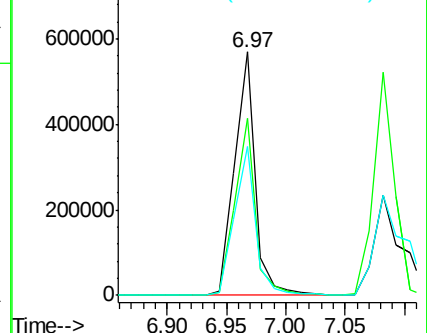
77 61.3 52.7 79.1



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

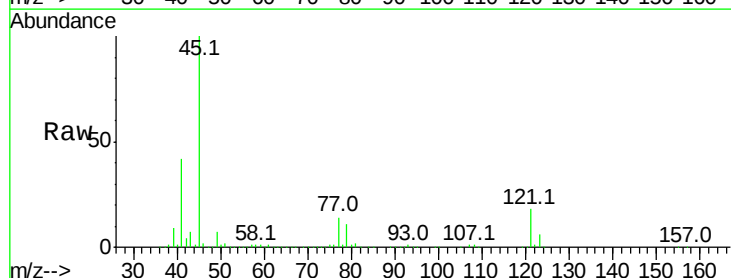
Tgt Ion: 45 Resp: 1036278

Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.6

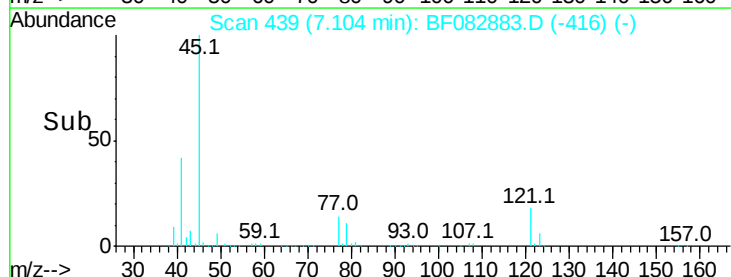
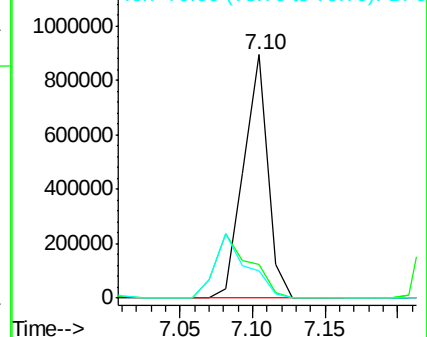
79 11.3 0.0 29.2

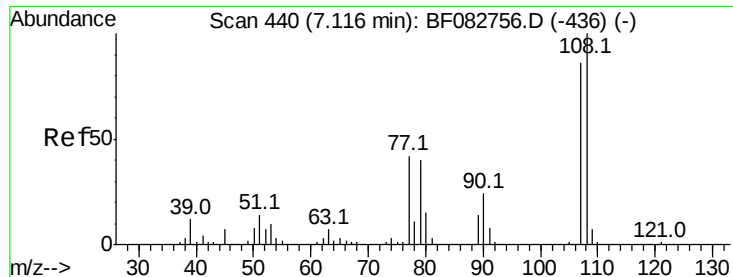


Abundance Ion 45.00 (44.70 to 45.70): BF0

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

Tot Ion:107 Resp: 548480

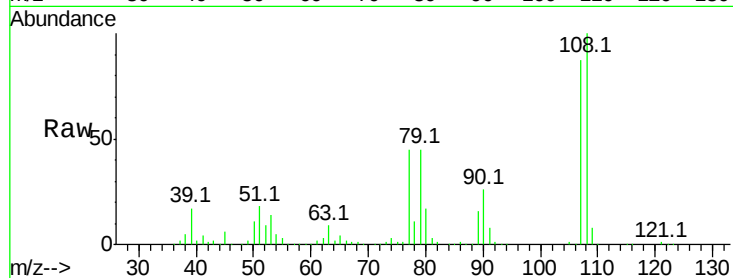
Ion Ratio Lower Upper

107 100

108 115.3 93.0 139.4

77 52.1 44.1 66.1

79 52.2 43.6 65.4

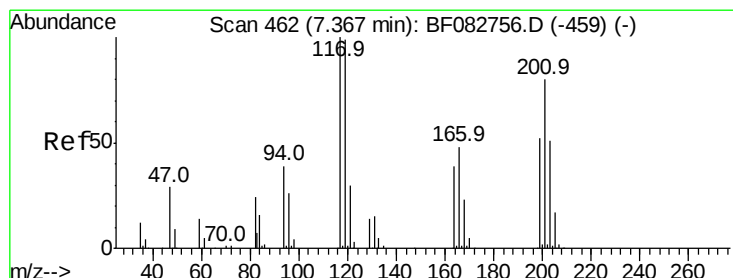
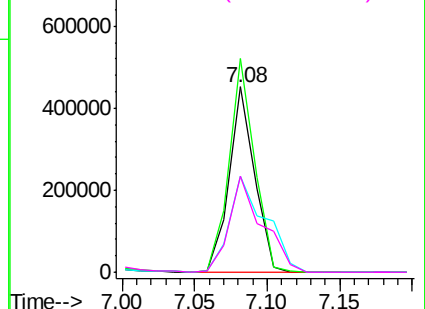
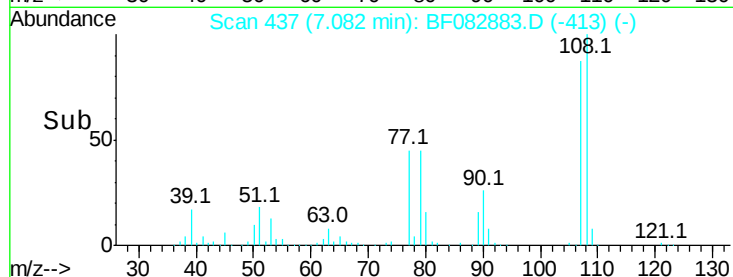


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#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

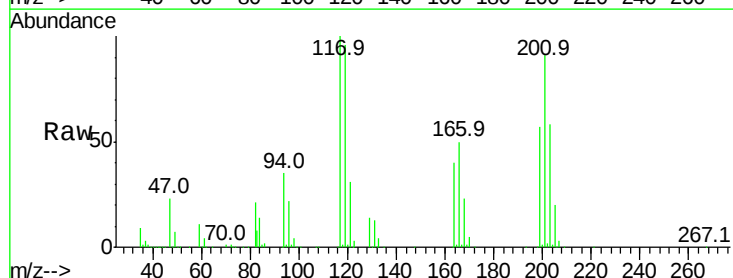
Tgt Ion:117 Resp: 252809

Ion Ratio Lower Upper

117 100

119 96.4 77.7 116.5

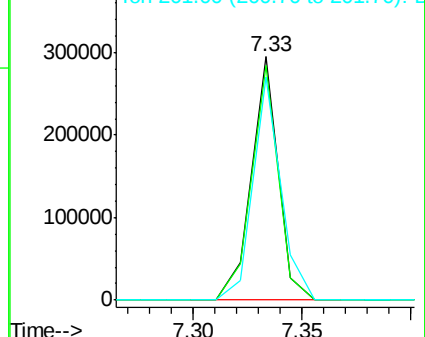
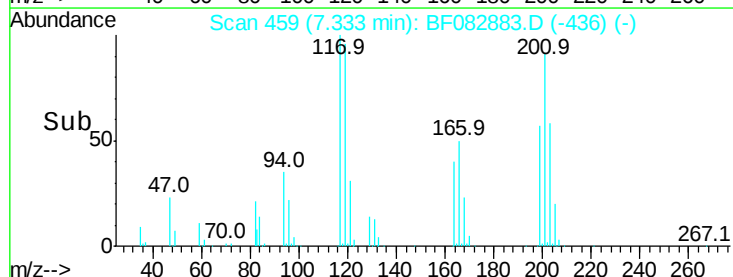
201 91.5 66.7 100.1

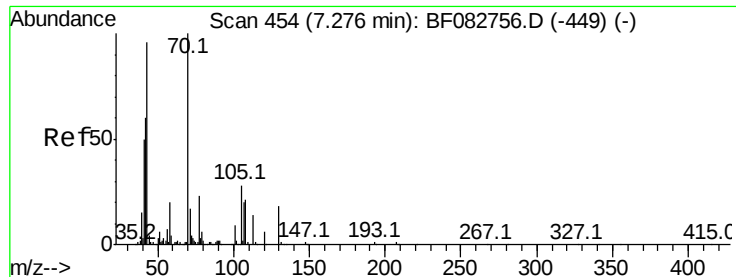


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#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

Tot Ion: 70 Resp: 509868

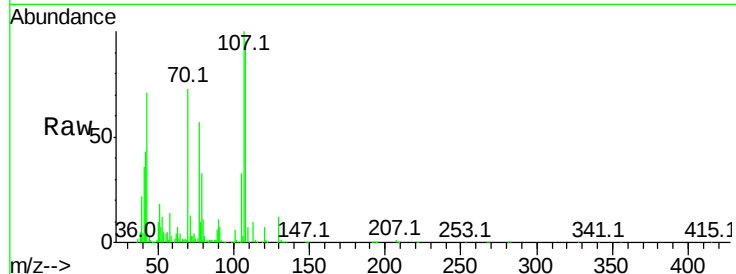
Ion Ratio Lower Upper

70 100

42 59.4 57.7 86.5

101 8.4 7.0 10.6

130 16.5 11.8 17.6

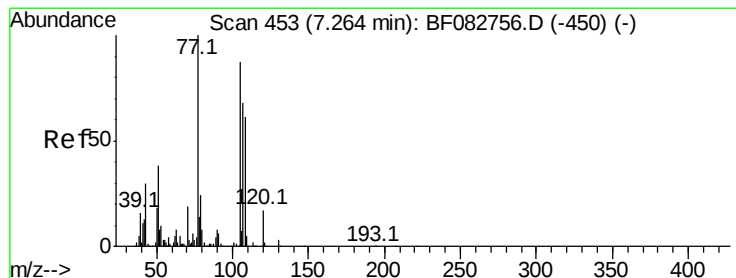
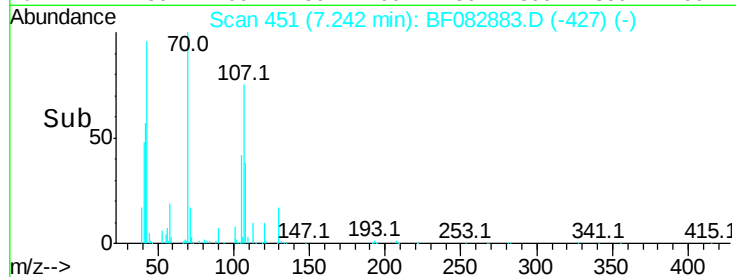
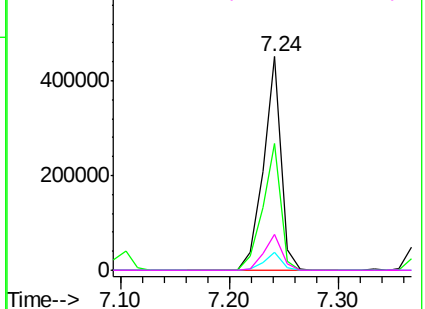


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#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

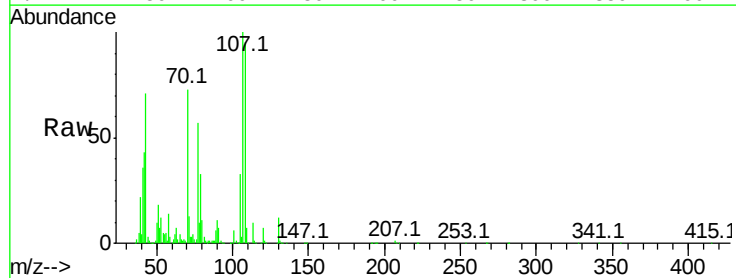
Ion Ratio Lower Upper

107 100

108 95.0 67.3 107.3

77 57.1 100.3 140.3#

79 33.5 16.2 56.2

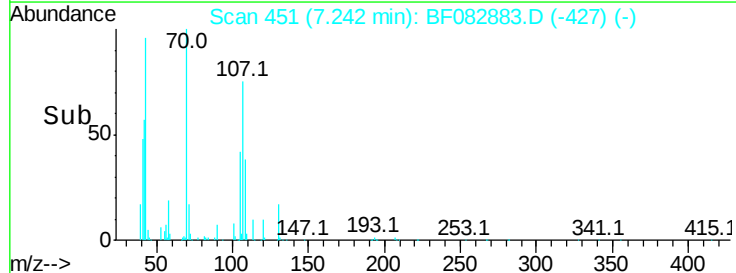
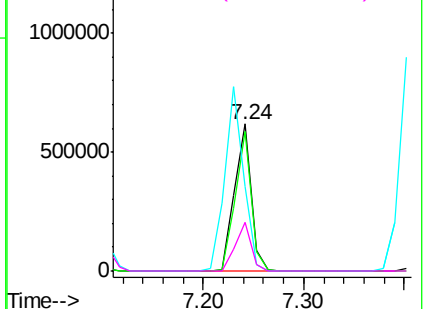


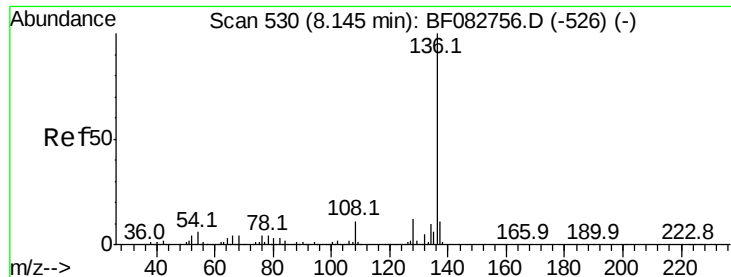
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#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

Tot Ion:136 Resp: 917211

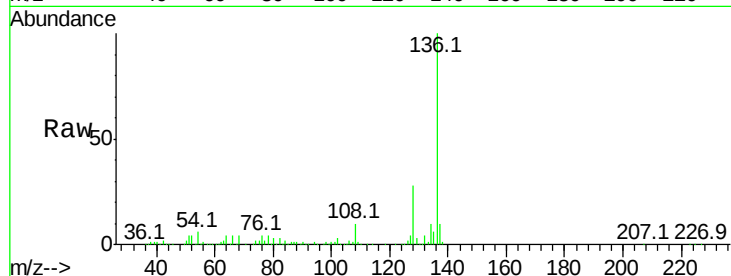
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 6.1 9.1 13.7#

68 4.5 4.8 7.2#

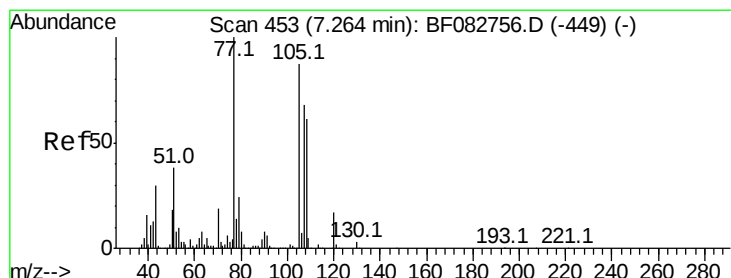
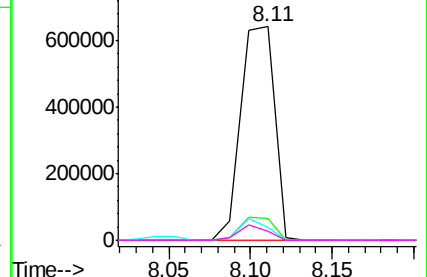
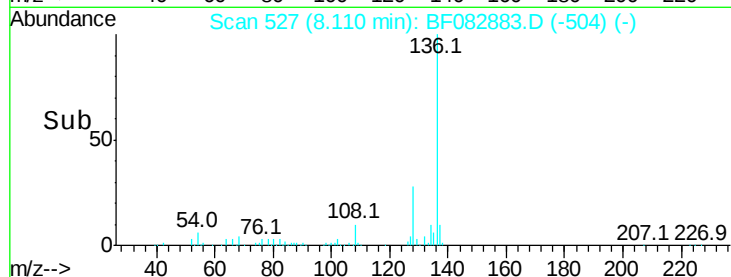


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#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

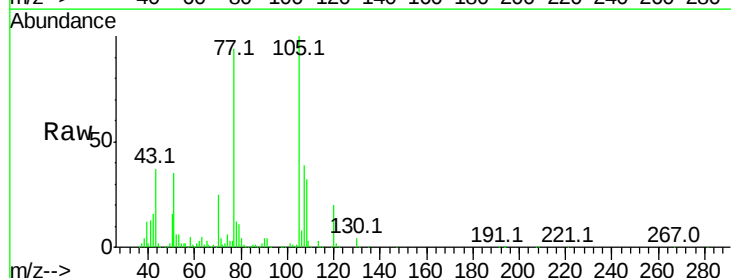
Ion Ratio Lower Upper

105 100

71 4.3 5.6 8.4#

51 34.6 24.9 37.3

120 20.1 15.8 23.8

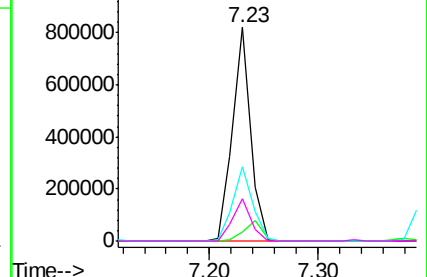
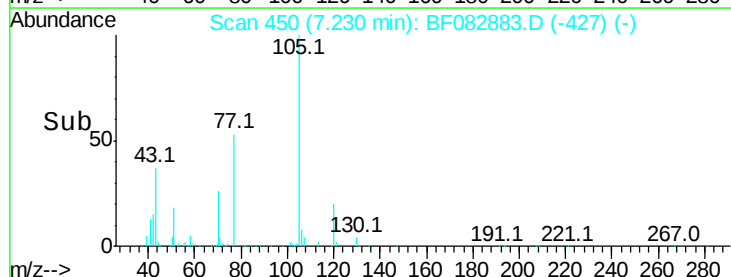


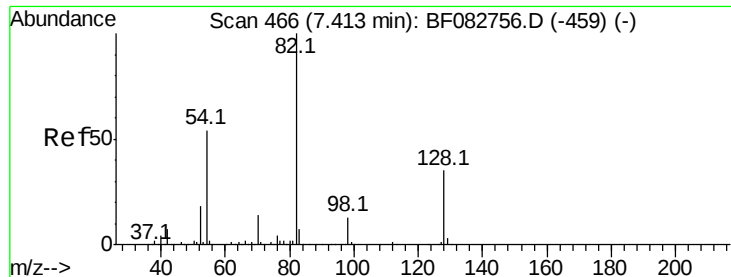
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

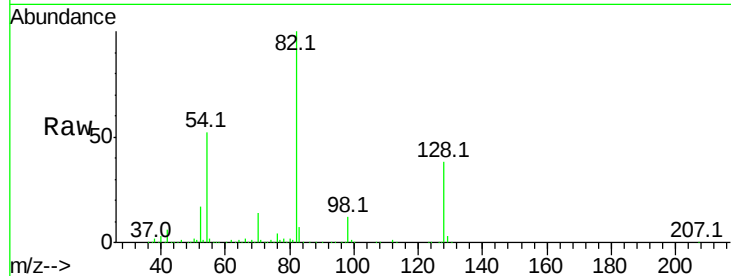




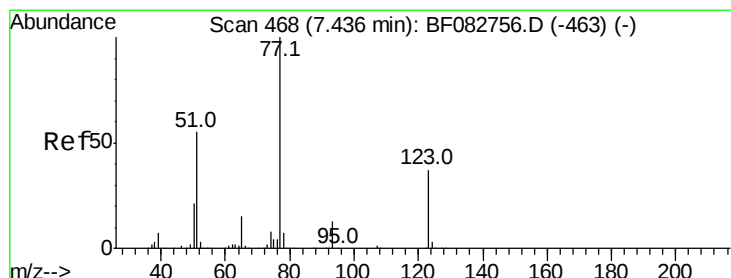
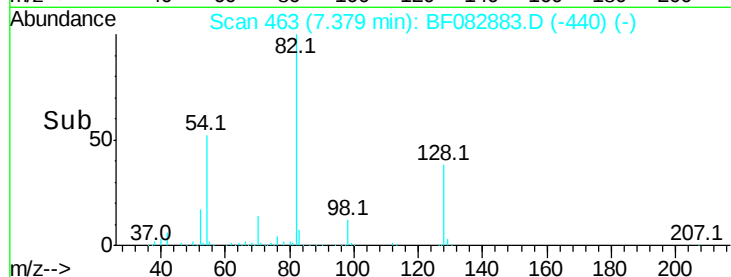
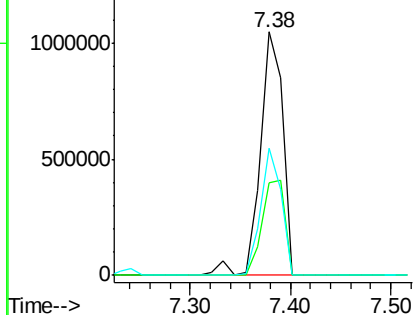
#23
 Nitrobenzene-d5
 Concen: 76.71 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

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

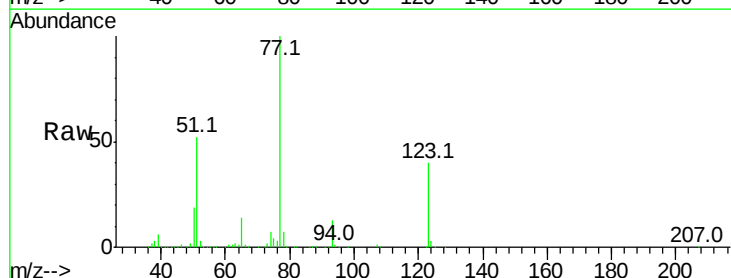


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

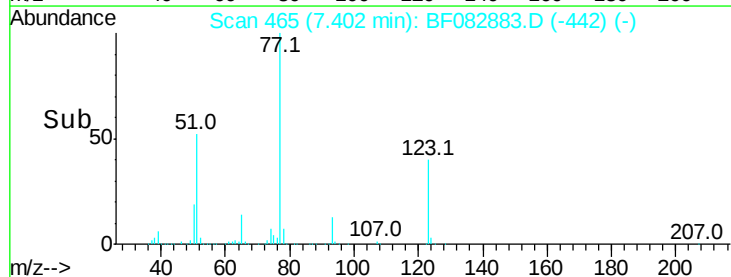
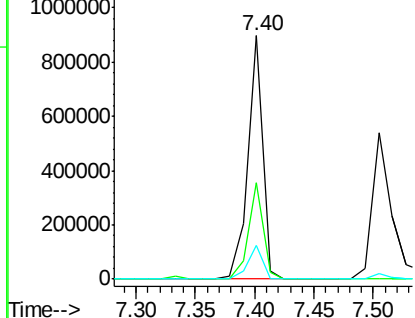


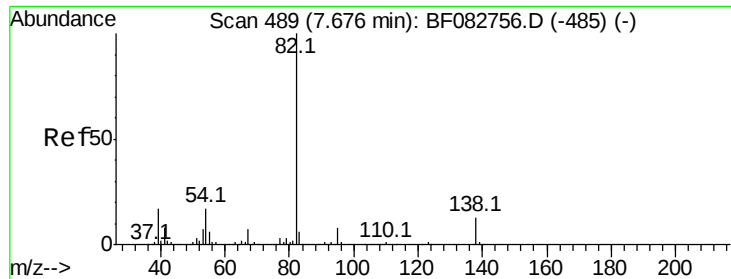
#24
 Nitrobenzene
 Concen: 36.55 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

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

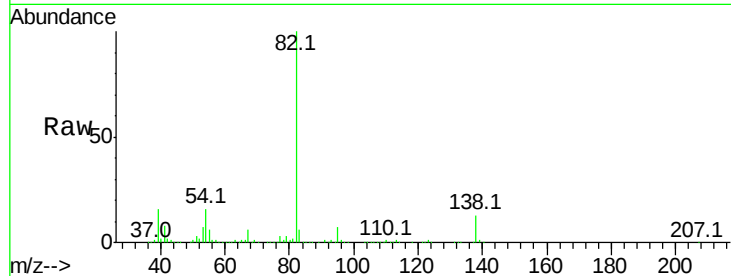
Tot Ion: 82 Resp: 1447993

Ion Ratio Lower Upper

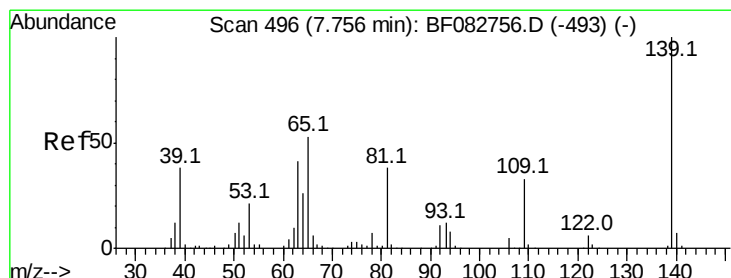
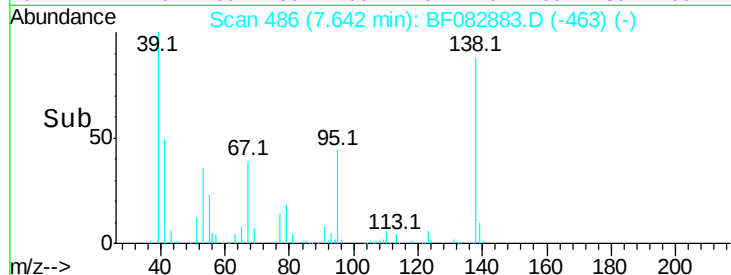
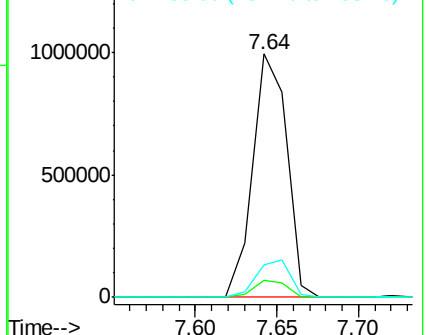
82 100

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

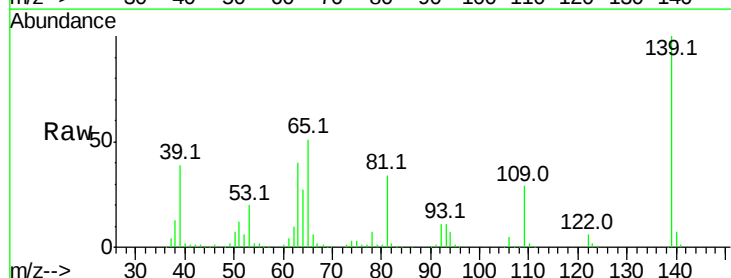
Tgt Ion:139 Resp: 373825

Ion Ratio Lower Upper

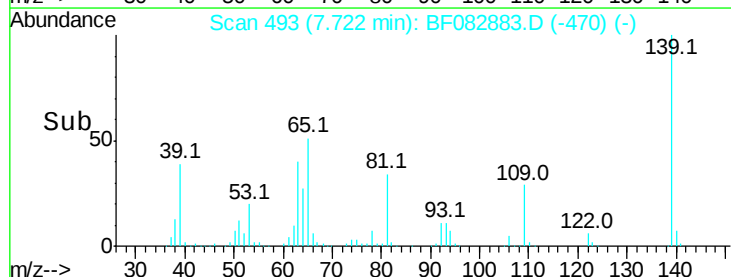
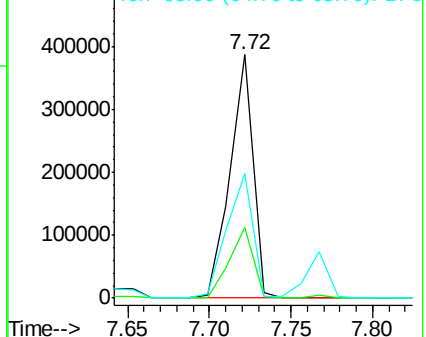
139 100

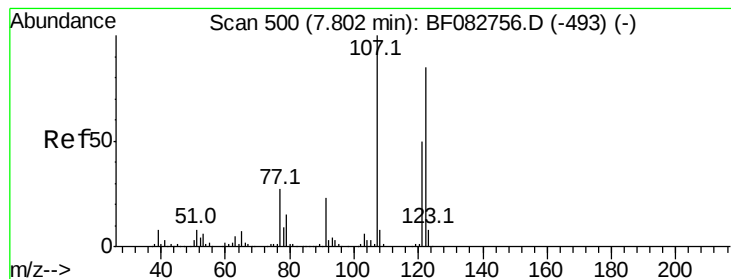
109 28.9 37.6 56.4#

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

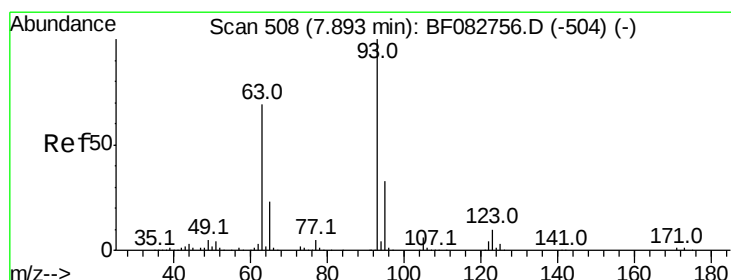
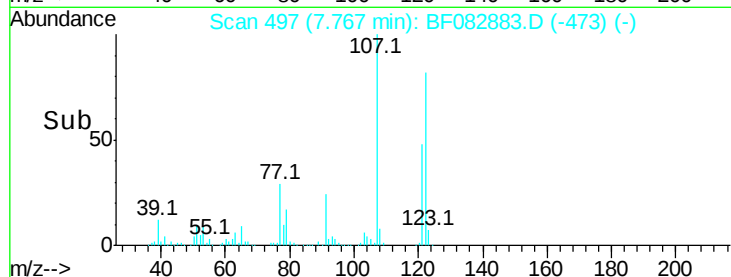
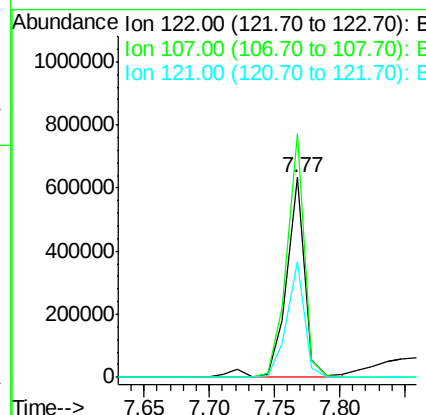
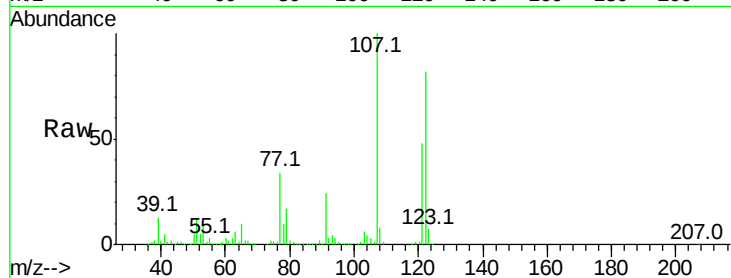




#27
 2,4-Dimethylphenol
 Concen: 39.30 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

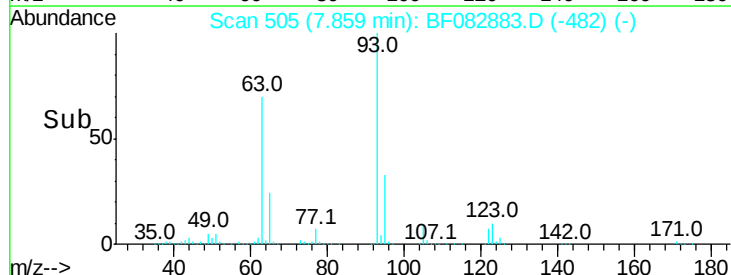
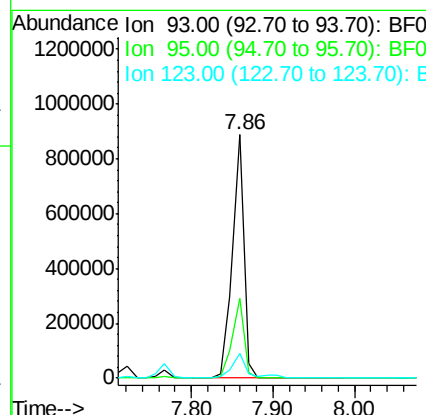
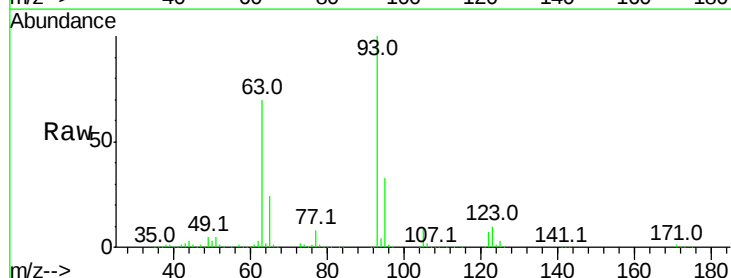
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

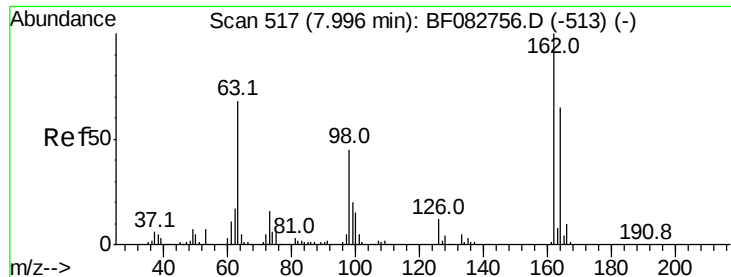
Tot Ion:122 Resp: 635388
 Ion Ratio Lower Upper
 122 100
 107 122.0 106.0 159.0
 121 58.0 46.7 70.1



#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





#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

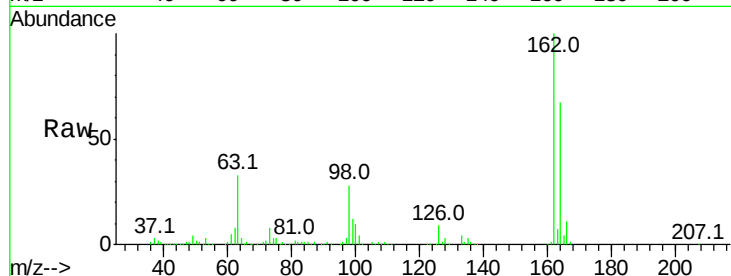
Tot Ion:162 Resp: 573833

Ion Ratio Lower Upper

162 100

164 67.4 46.8 86.8

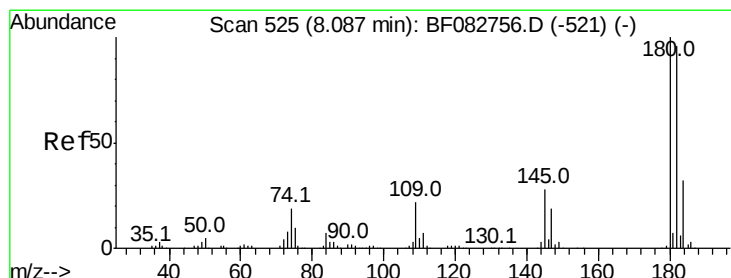
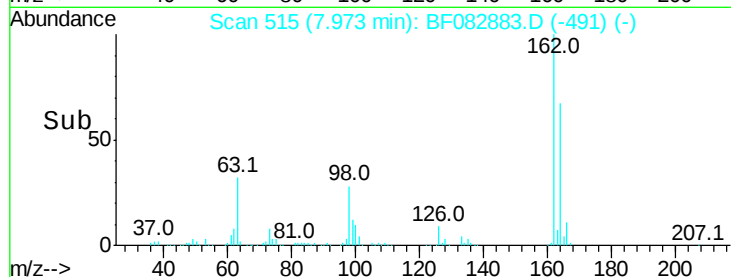
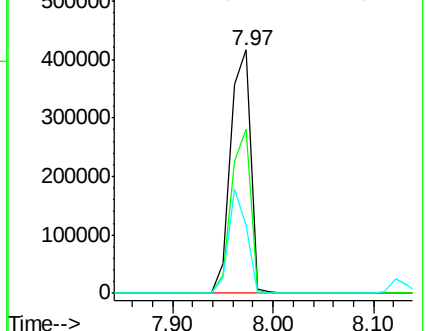
98 28.2 12.5 52.5



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

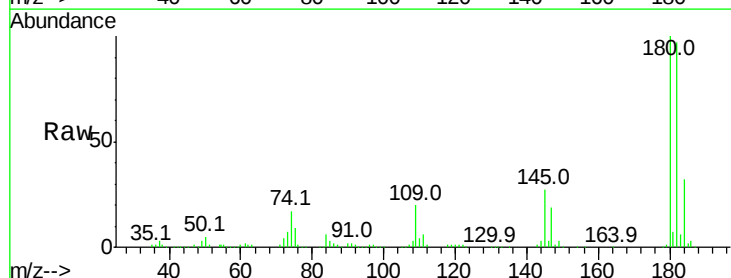
Tgt Ion:180 Resp: 605094

Ion Ratio Lower Upper

180 100

182 96.9 74.9 112.3

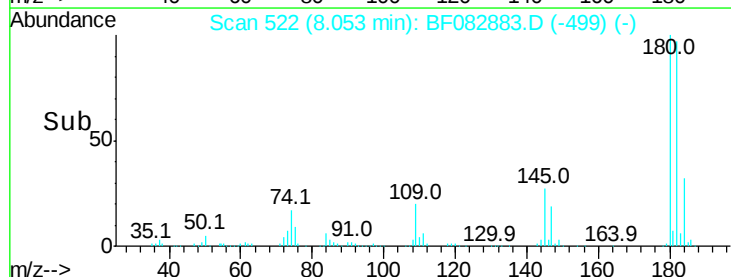
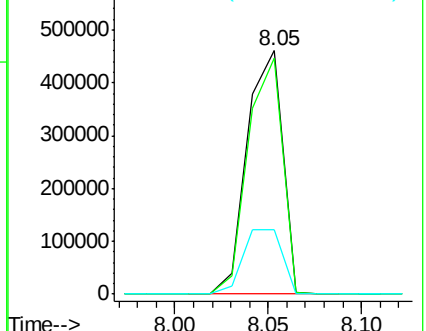
145 26.6 27.8 41.8#

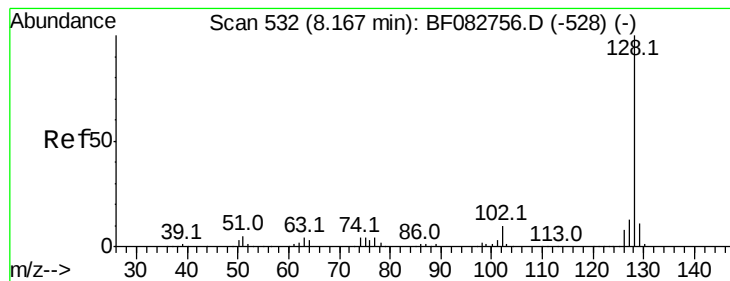


Abundance Ion 180.00 (179.70 to 180.70): E

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

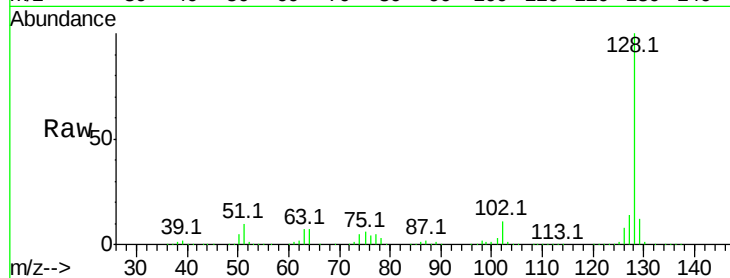
Tot Ion:128 Resp: 1791027

Ion Ratio Lower Upper

128 100

129 12.1 9.5 14.3

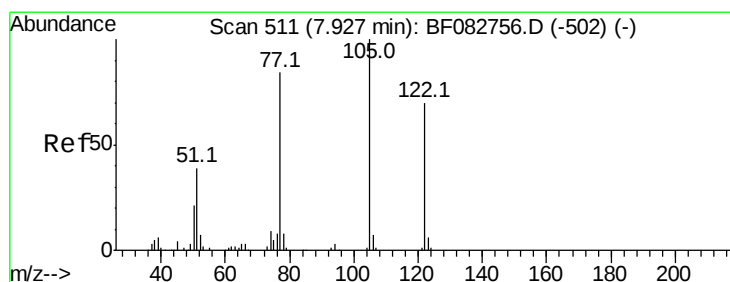
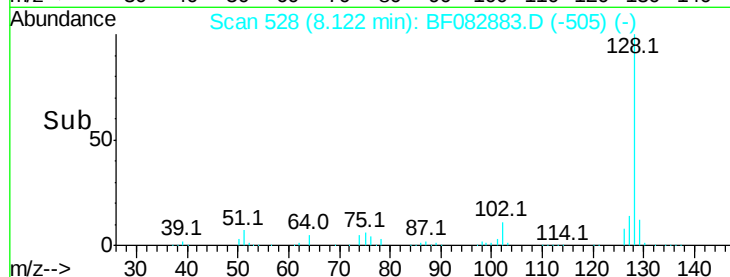
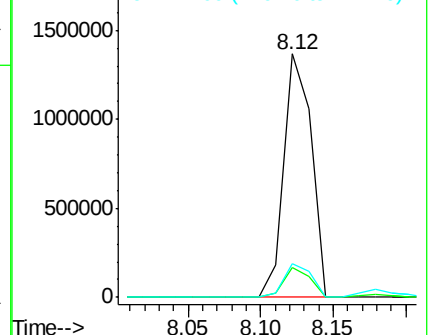
127 13.7 11.4 17.0



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

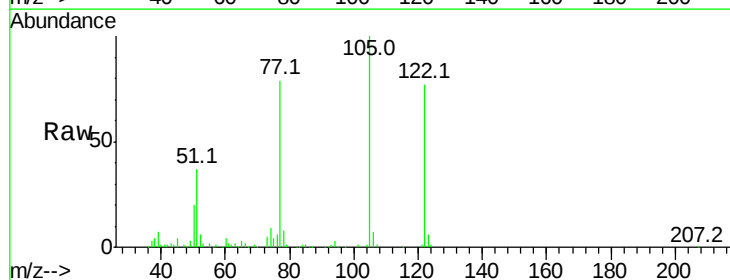
Tgt Ion:122 Resp: 458717

Ion Ratio Lower Upper

122 100

105 130.0 122.6 162.6

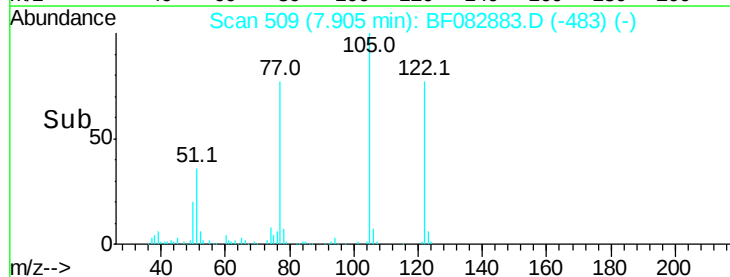
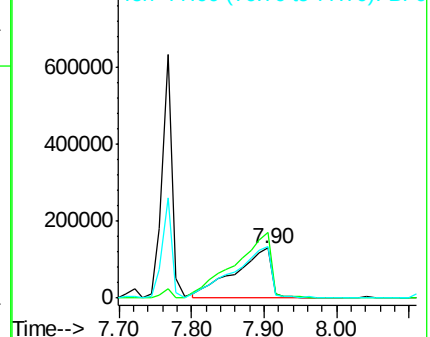
77 102.4 100.9 140.9

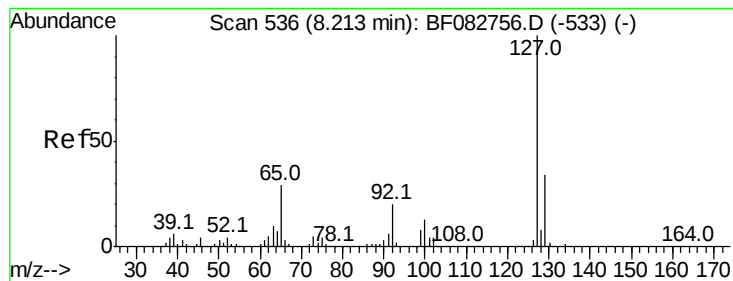


Abundance Ion 122.00 (121.70 to 122.70): E

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

Tot Ion:127 Resp: 85371

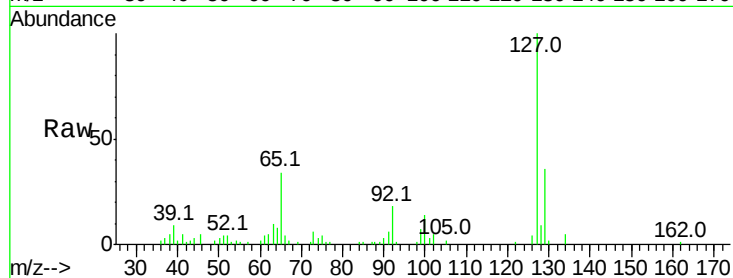
Ion Ratio Lower Upper

127 100

129 36.2 26.3 39.5

65 33.6 37.8 56.8#

92 18.1 20.6 31.0#

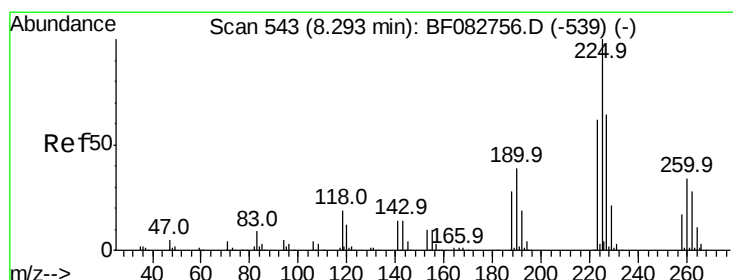
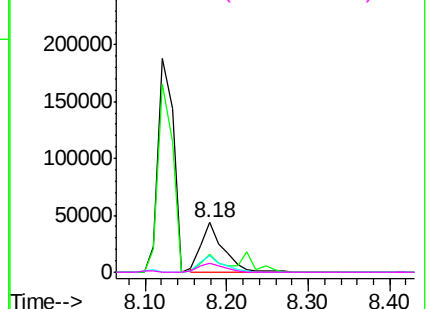
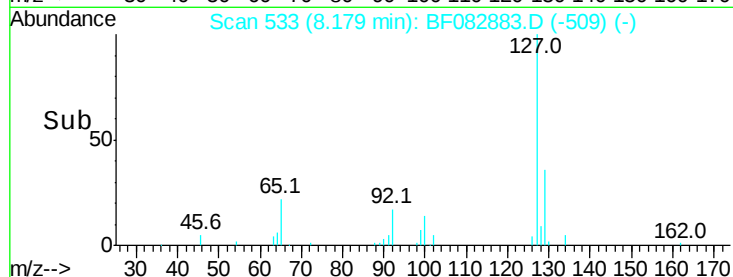


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#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

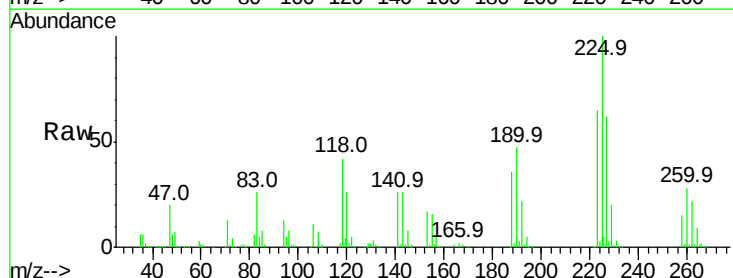
Tgt Ion:225 Resp: 349541

Ion Ratio Lower Upper

225 100

223 64.5 50.5 75.7

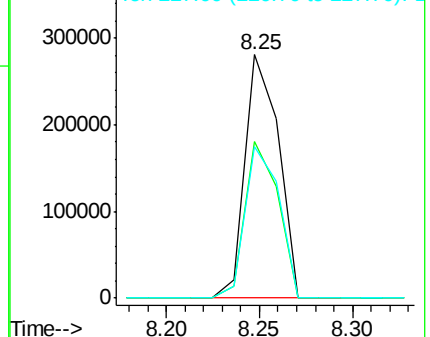
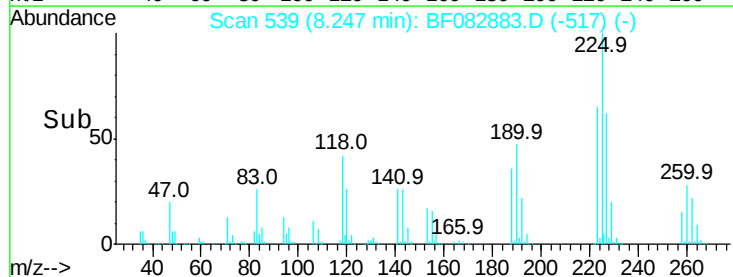
227 62.4 50.2 75.2

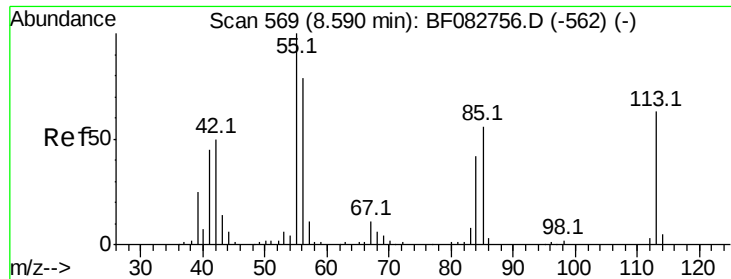


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.48 ng/ml

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

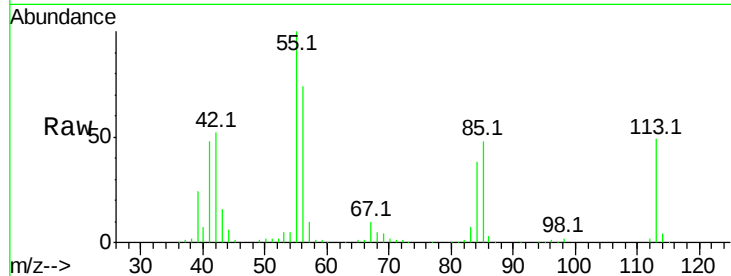
Tot Ion:113 Resp: 204891

Ion Ratio Lower Upper

113 100

55 203.8 195.5 235.5

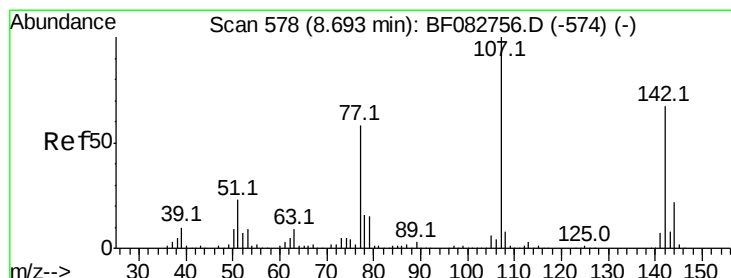
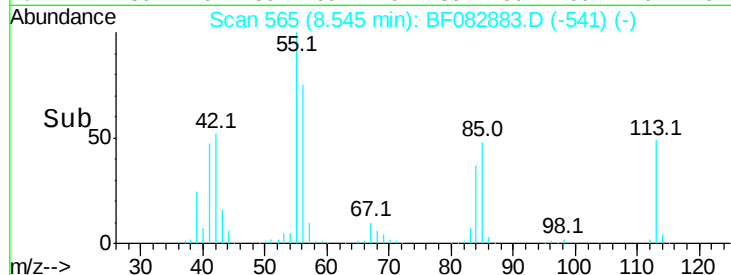
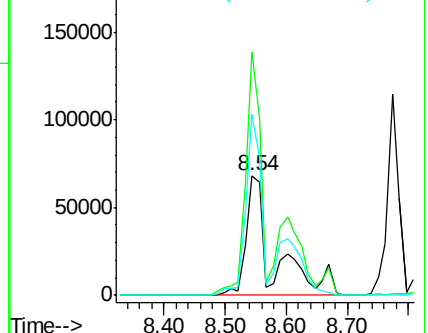
56 151.5 153.5 193.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.14 ng/ml

RT: 8.67 min Scan# 576

Delta R.T. -0.02 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

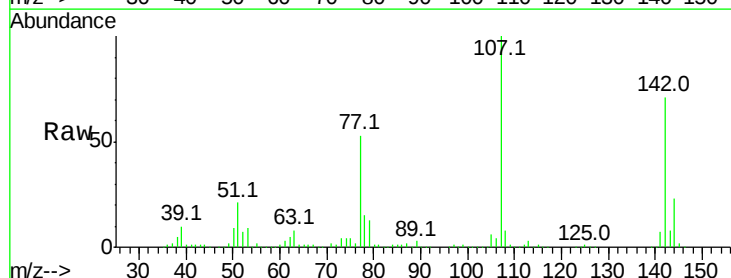
Tgt Ion:107 Resp: 672535

Ion Ratio Lower Upper

107 100

144 23.0 15.4 23.0

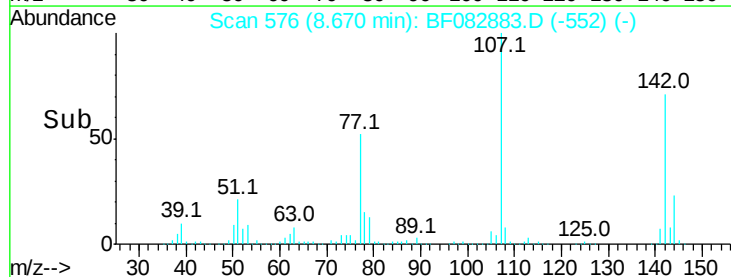
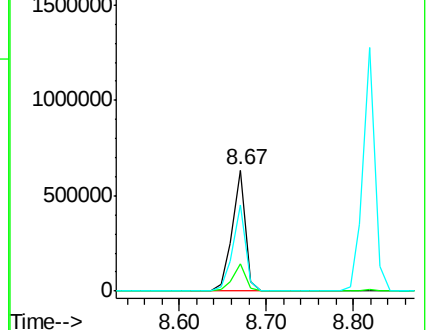
142 70.6 47.8 71.8

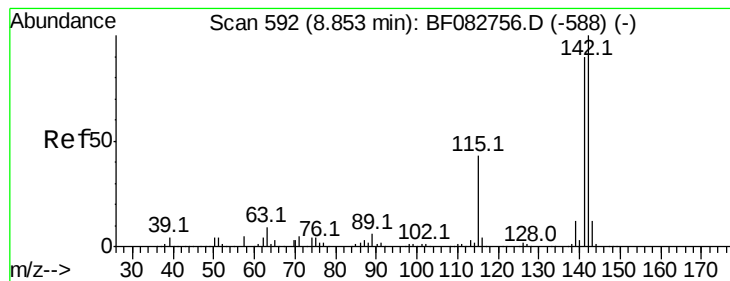


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



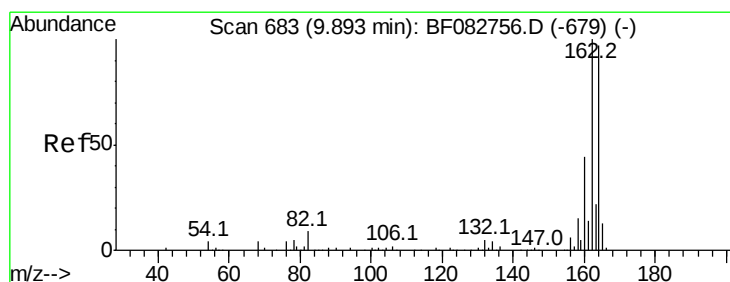
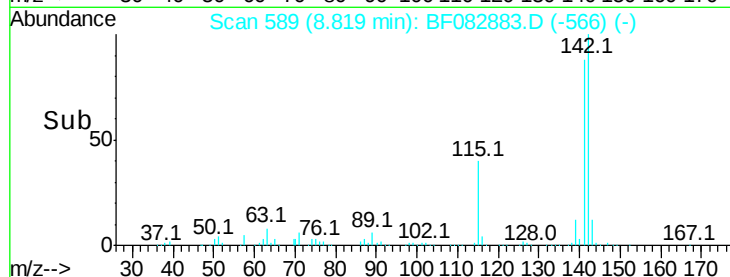
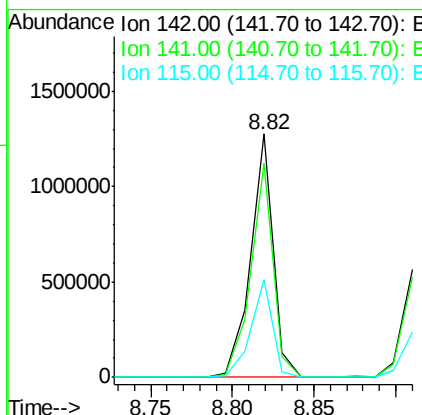
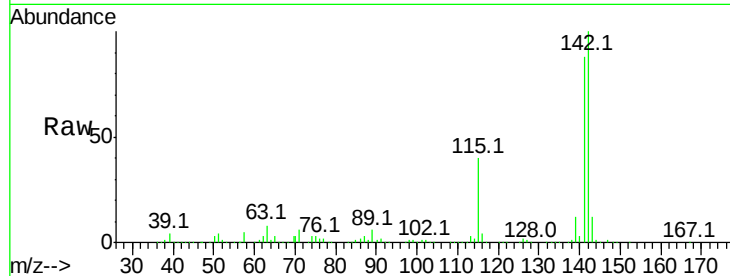


#37
 2-Methylnaphthalene
 Concen: 37.17 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tot Ion:142 Resp: 1216861

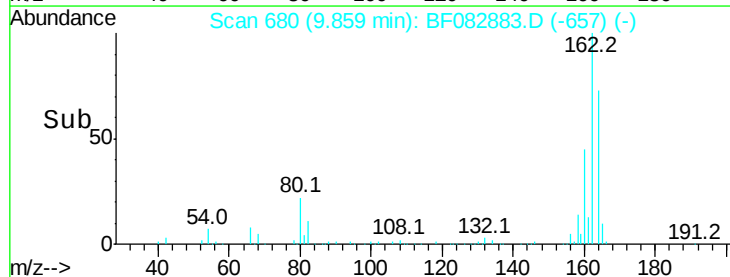
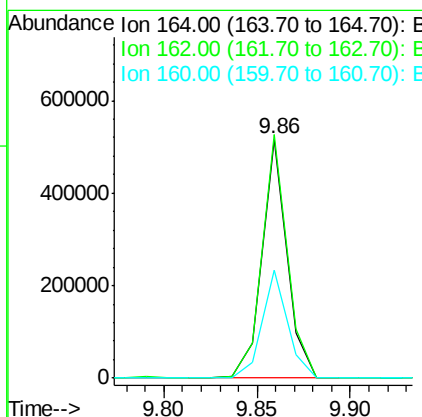
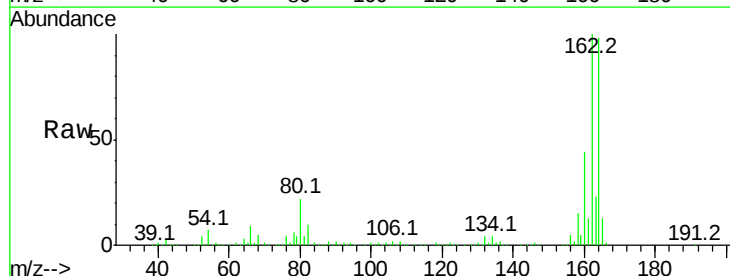
Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.3	108.5
115	40.1	38.1	57.1

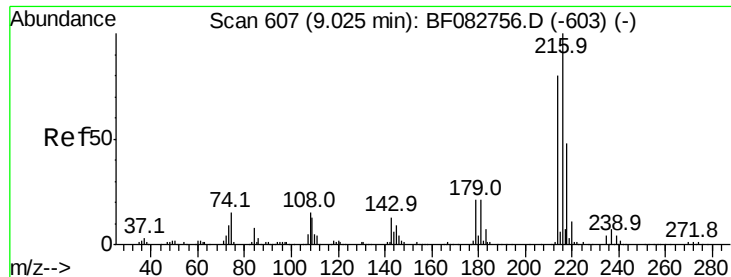


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

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





#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

Tot Ion:216 Resp: 612647

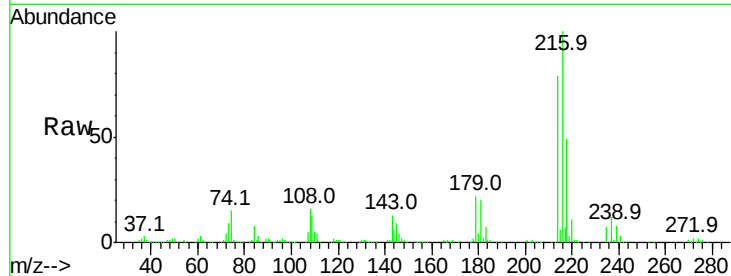
Ion Ratio Lower Upper

216 100

214 79.4 62.2 93.2

179 22.3 18.1 27.1

108 21.0 16.6 25.0

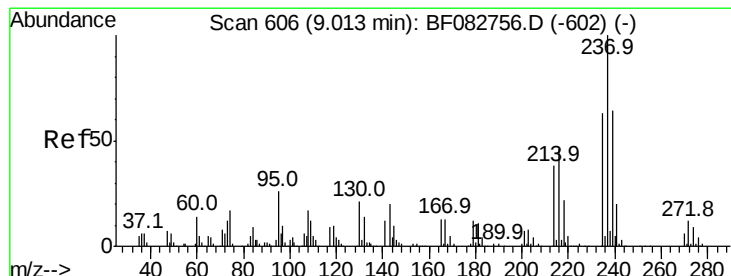
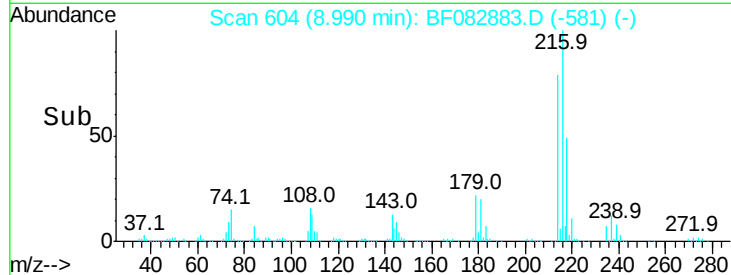
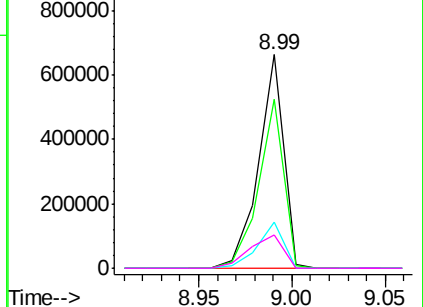


Abundance Ion 216.00 (215.70 to 216.70): E

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



#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

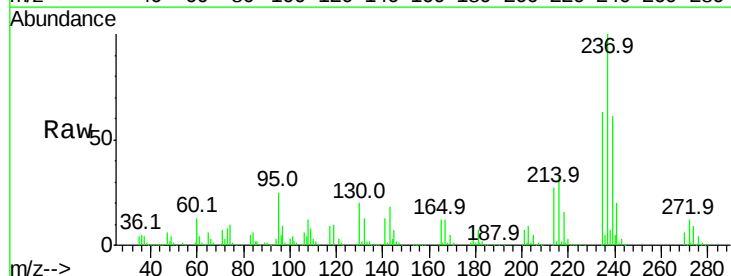
Tgt Ion:237 Resp: 553686

Ion Ratio Lower Upper

237 100

235 62.7 44.3 84.3

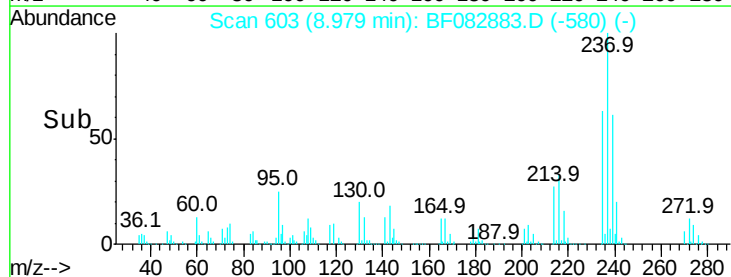
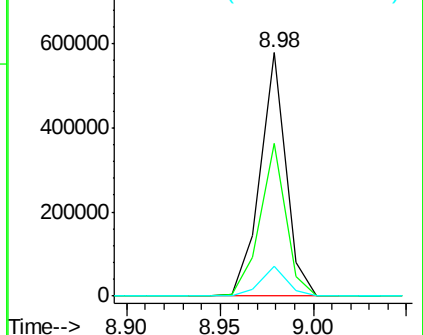
272 12.1 0.0 31.9

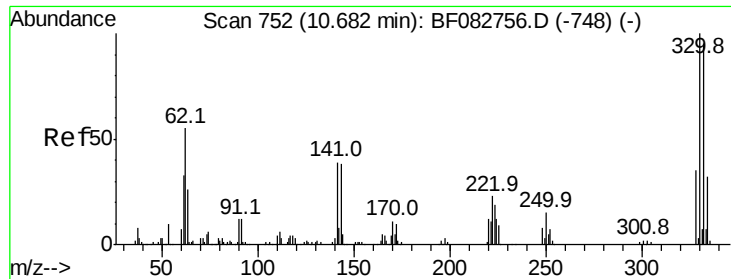


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

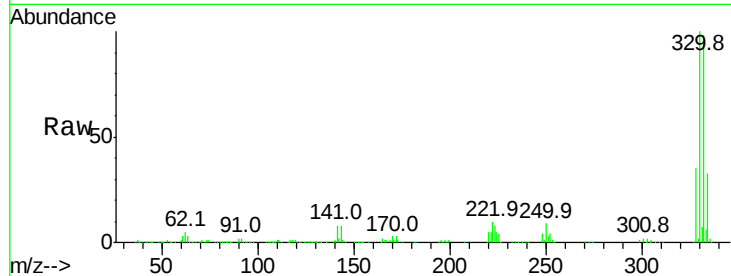




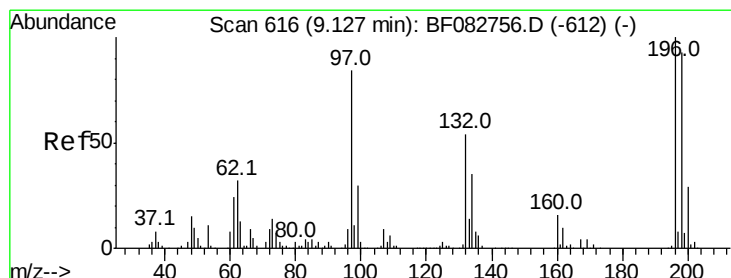
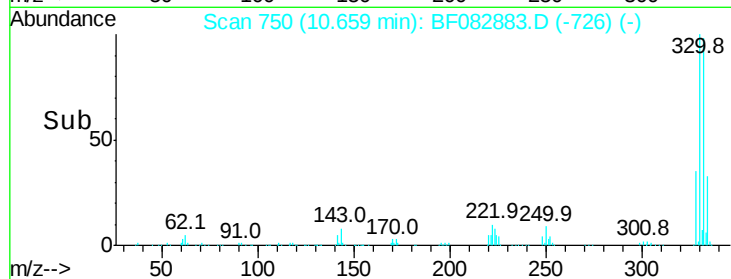
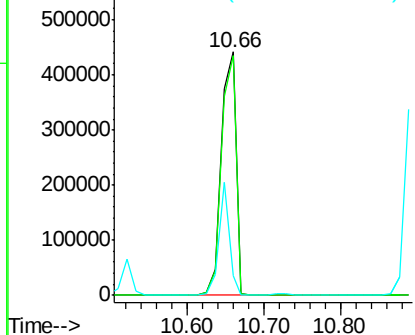
#41
 2,4,6-Tribromophenol
 Concen: 110.70 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	32.4	41.2	61.8#

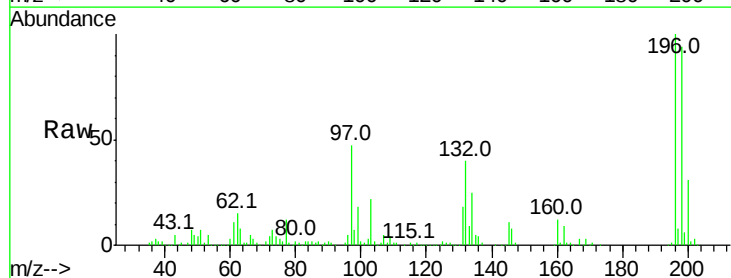


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

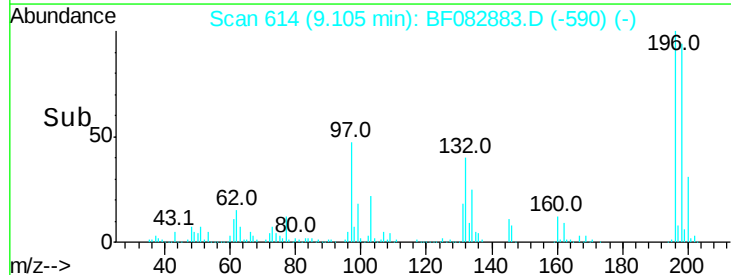
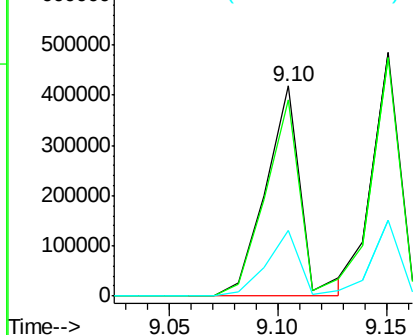


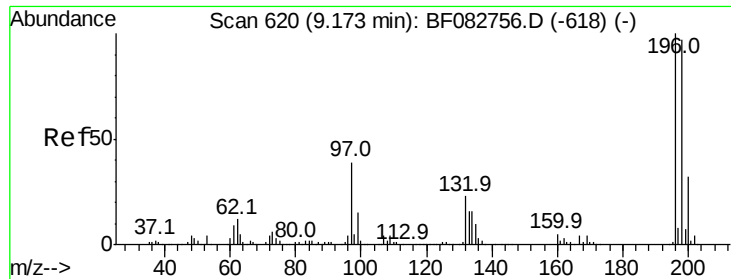
#42
 2,4,6-Trichlorophenol
 Concen: 40.67 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

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



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

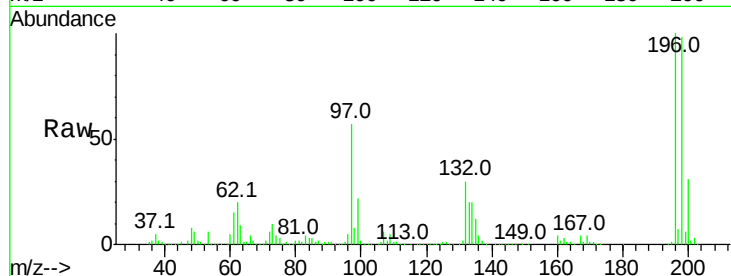




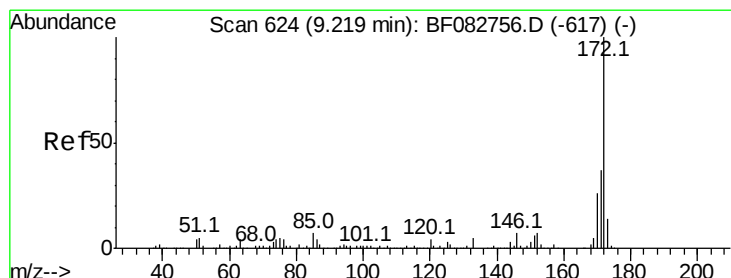
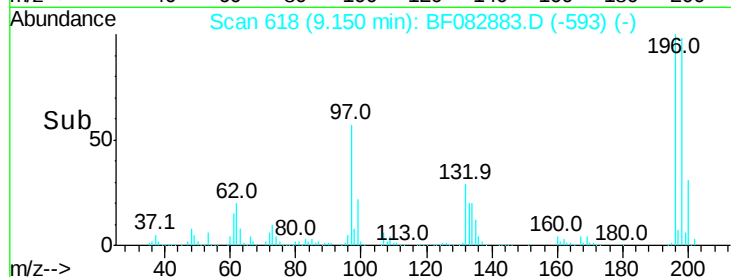
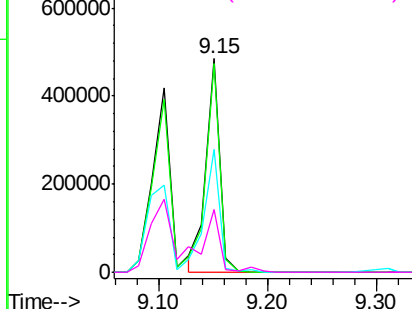
#43
 2,4,5-Trichlorophenol
 Concen: 37.44 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

Tot 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

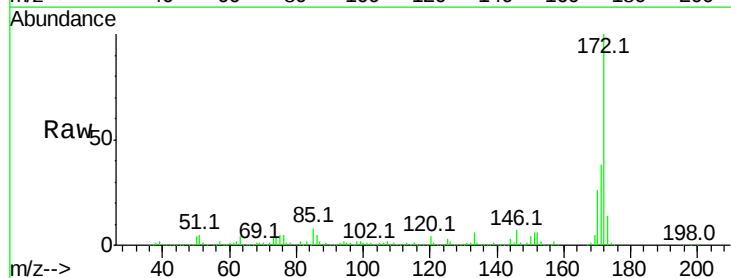


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

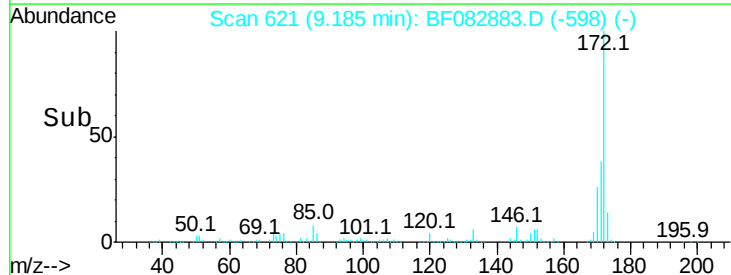
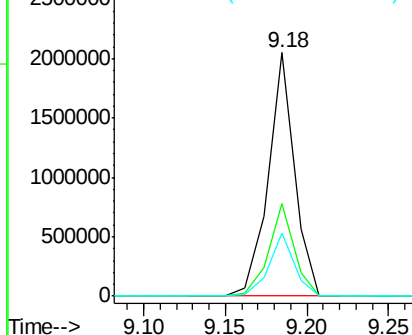


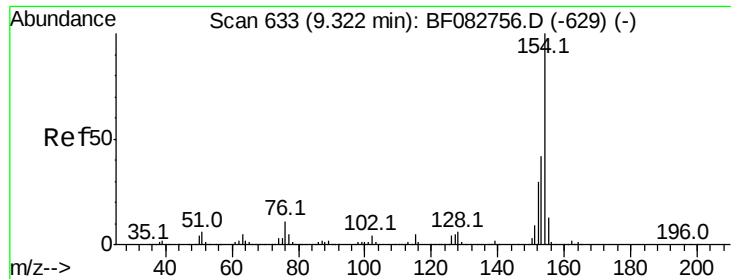
#44
 2-Fluorobiphenyl
 Concen: 69.30 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Tgt Ion	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

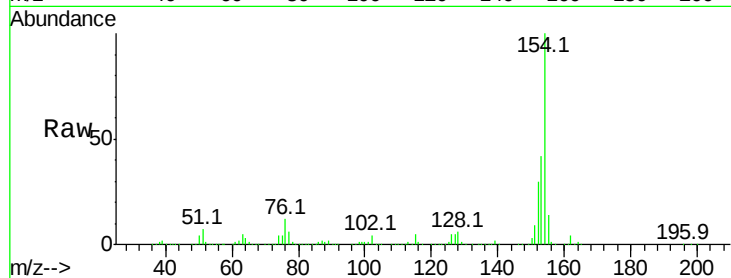
Tot Ion:154 Resp: 1584030

Ion Ratio Lower Upper

154 100

153 42.3 22.0 62.0

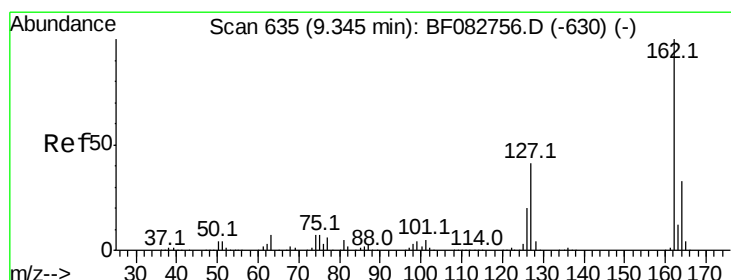
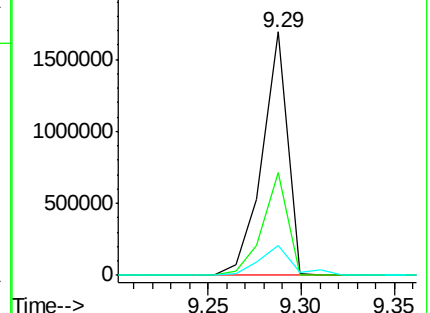
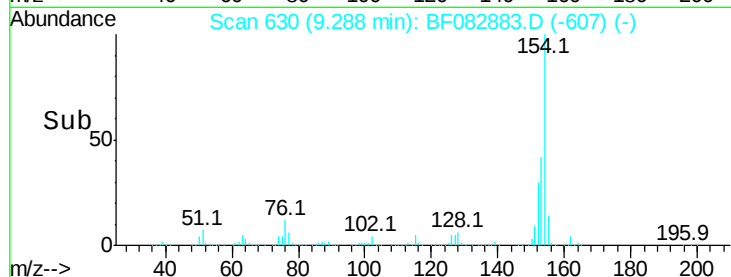
76 12.3 0.0 29.0



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): E



#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

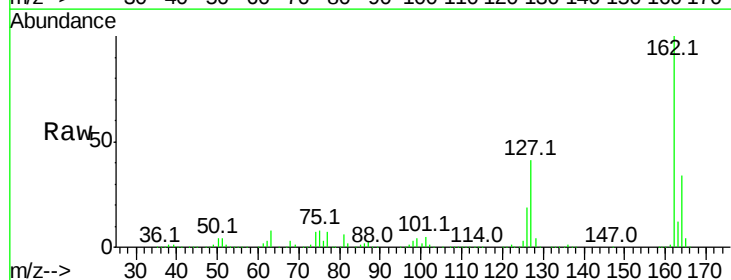
Tgt Ion:162 Resp: 1268260

Ion Ratio Lower Upper

162 100

127 40.5 32.7 49.1

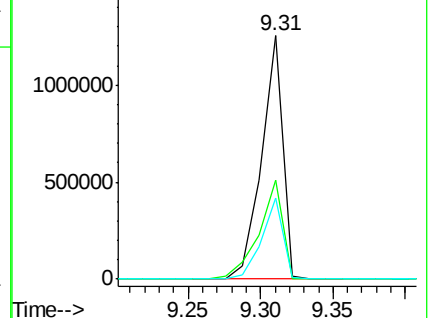
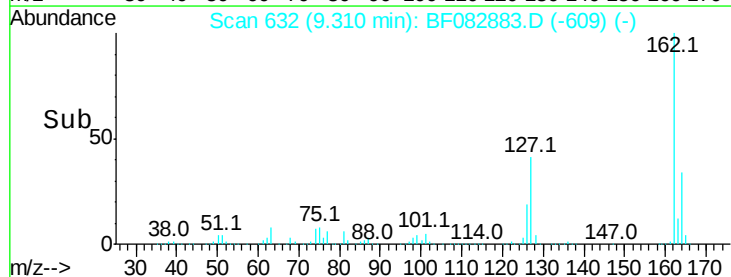
164 33.5 27.4 41.0

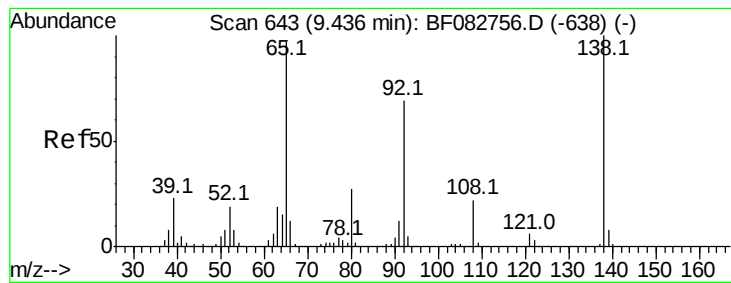


Abundance Ion 162.00 (161.70 to 162.70): E

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

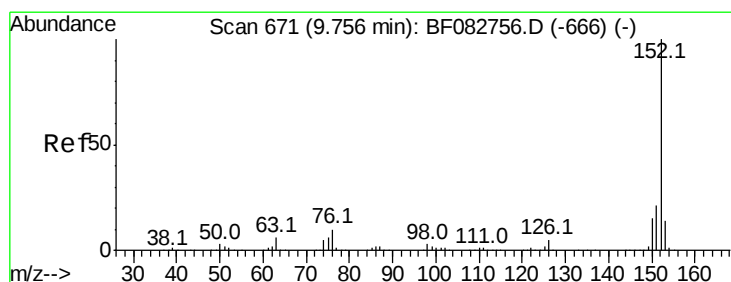
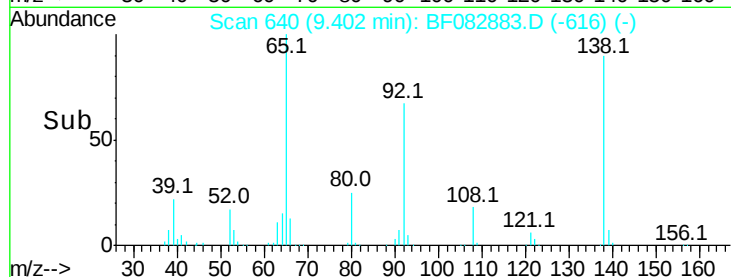
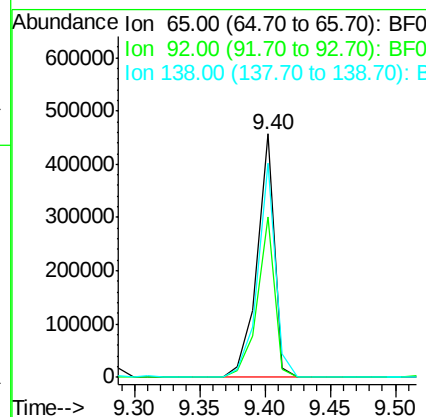
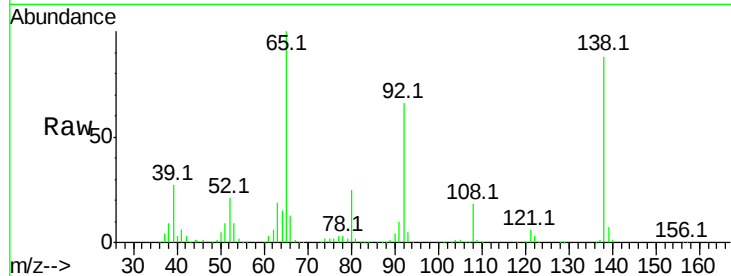
Tot Ion: 65 Resp: 426843

Ion Ratio Lower Upper

65 100

92 66.0 46.6 70.0

138 87.9 54.6 81.8#



#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

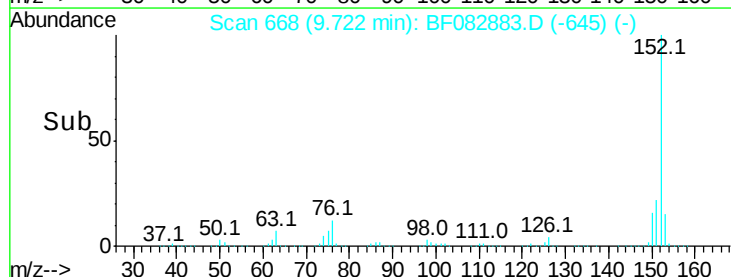
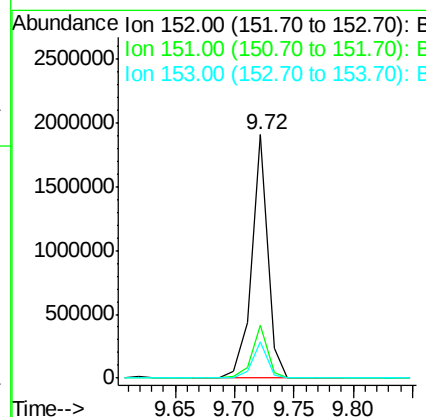
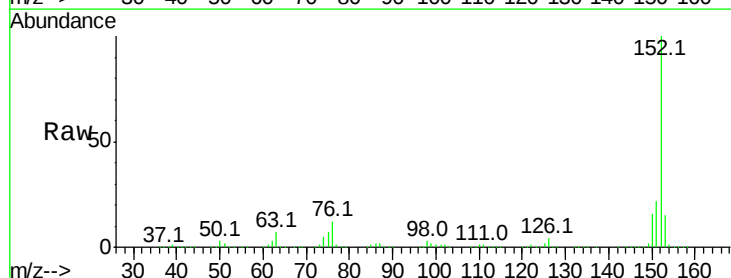
Tgt Ion: 152 Resp: 1806017

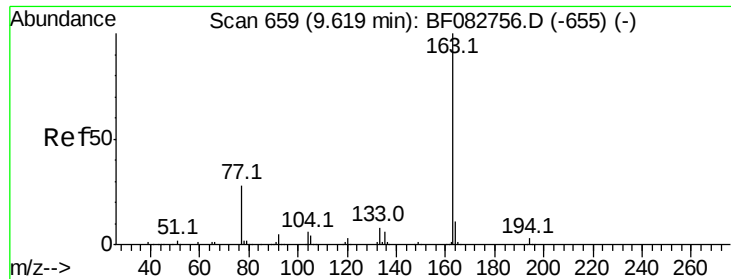
Ion Ratio Lower Upper

152 100

151 21.6 17.3 25.9

153 14.6 11.3 16.9

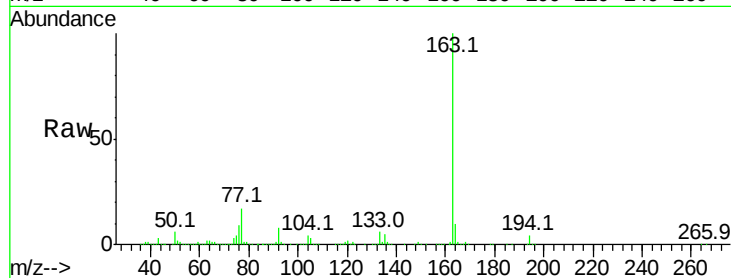




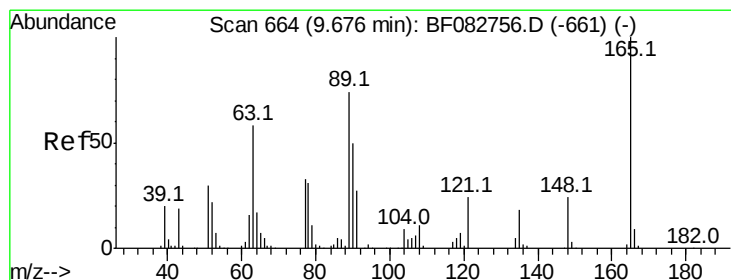
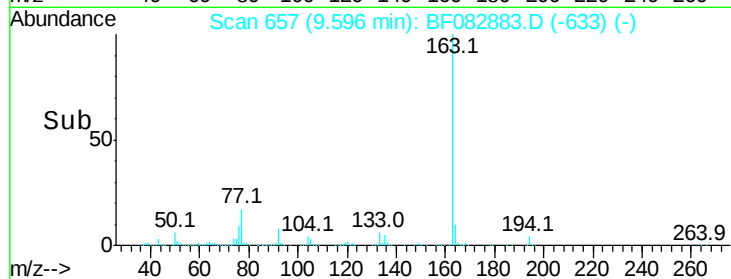
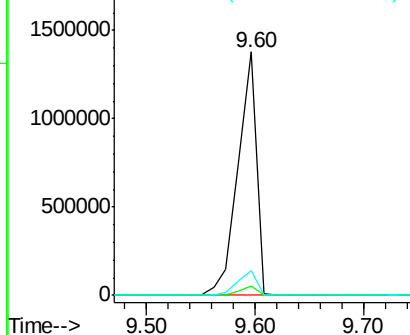
#49
Dimethylphthalate
Concen: 41.15 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tot Ion:163 Resp: 1603669
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.3 8.7 13.1

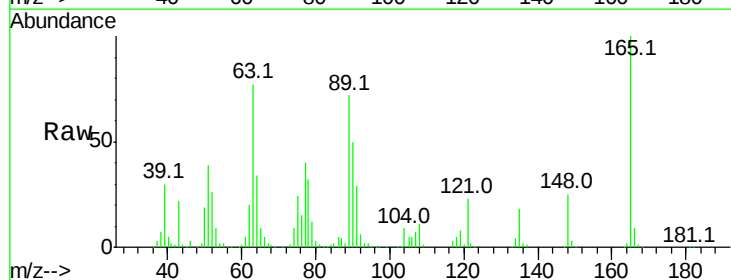


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

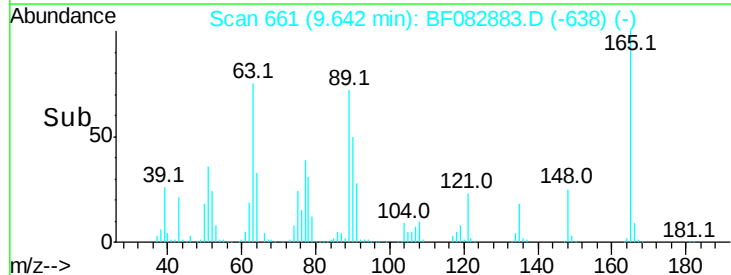
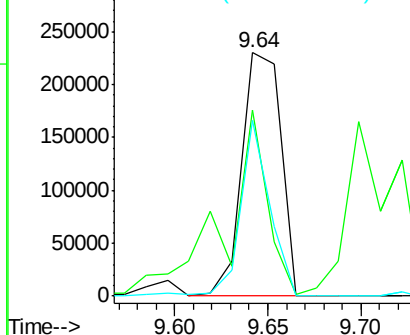


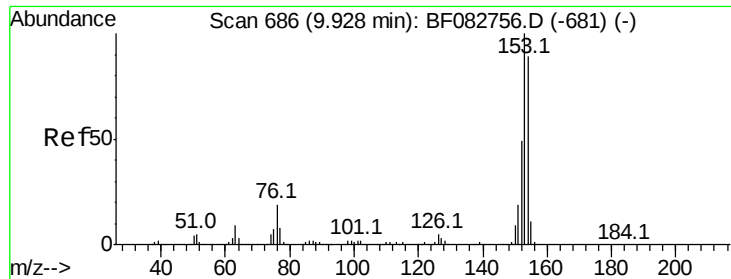
#50
2,6-Dinitrotoluene
Concen: 40.07 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

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

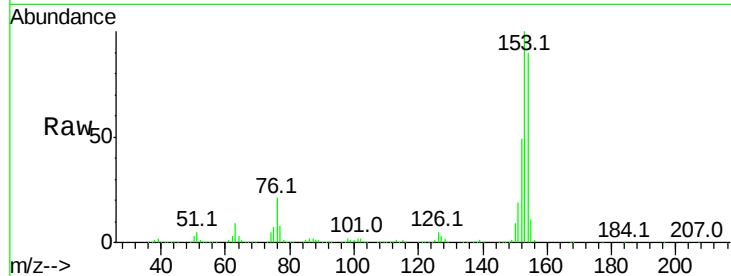
Tot Ion:154 Resp: 1295866

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

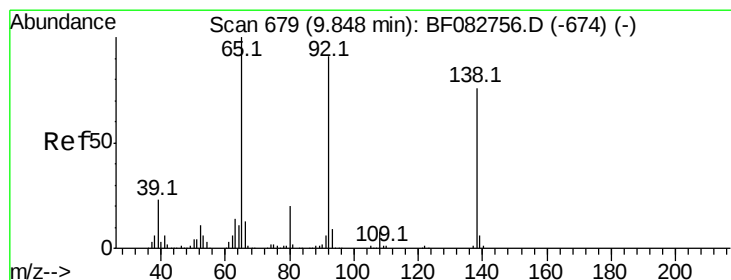
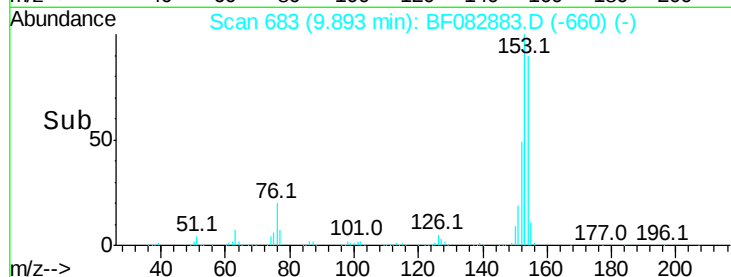
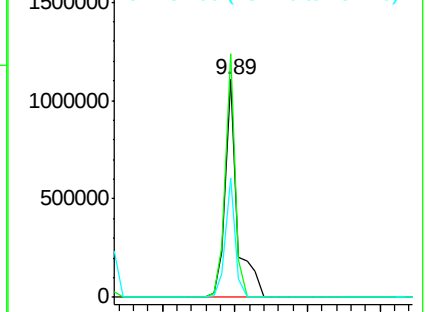
152 55.0 44.3 66.5



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

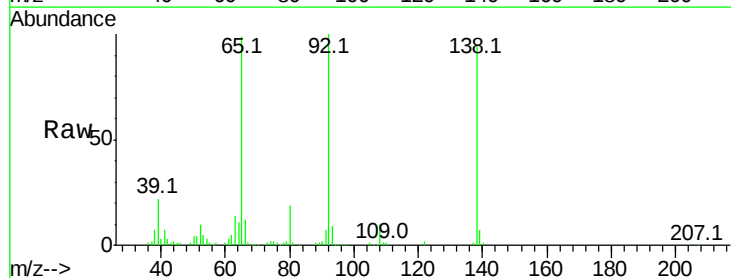
Tgt Ion:138 Resp: 119627

Ion Ratio Lower Upper

138 100

108 10.0 11.3 16.9#

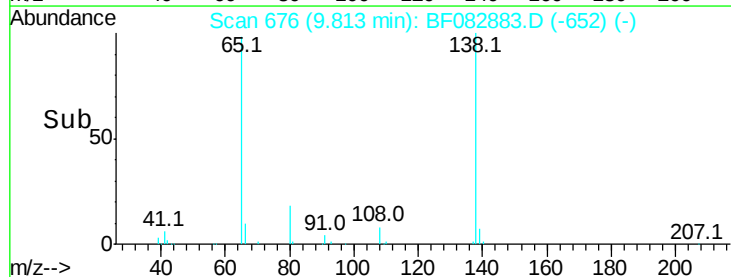
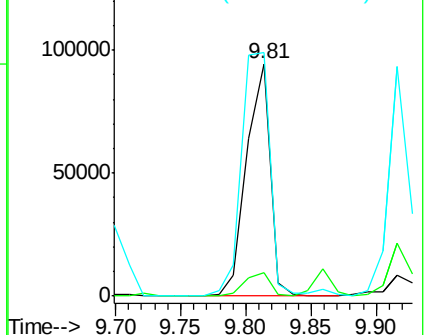
92 104.8 122.4 183.6#

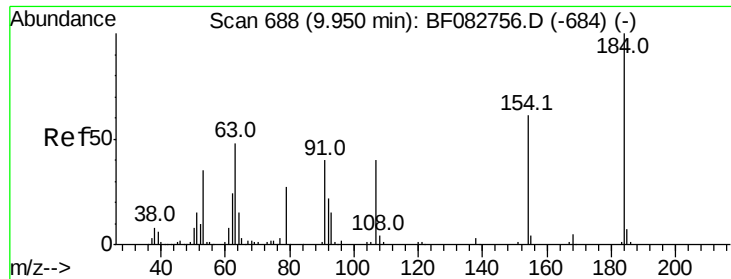


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

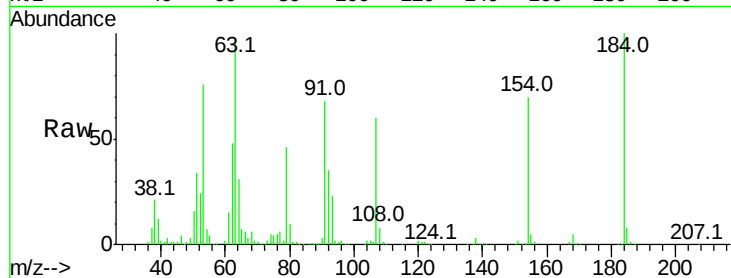




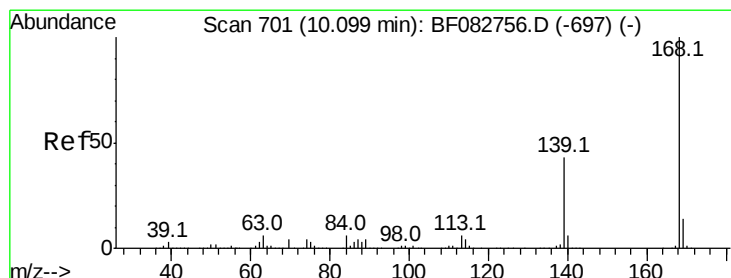
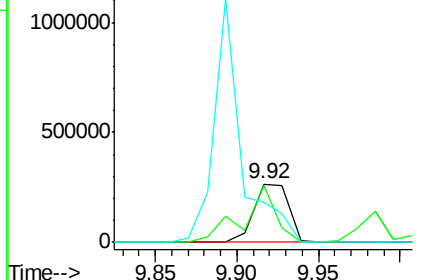
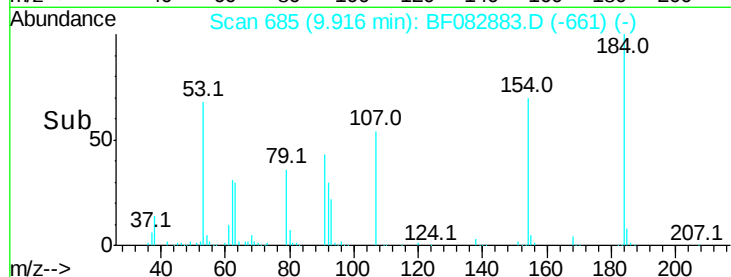
#53
2,4-Dinitrophenol
Concen: 86.32 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

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

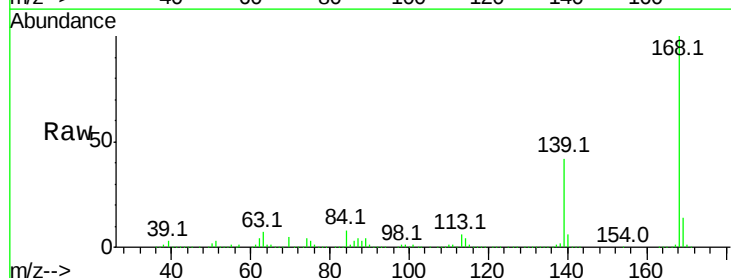


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

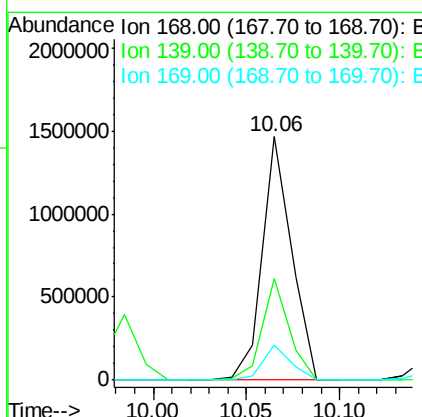
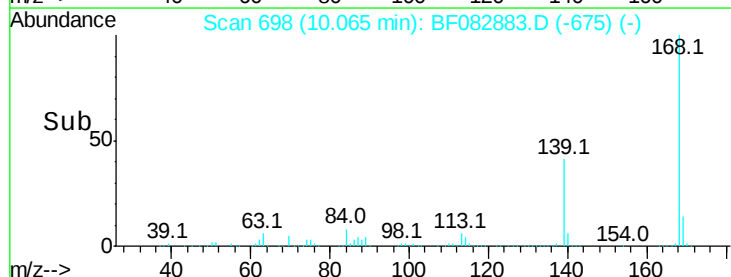


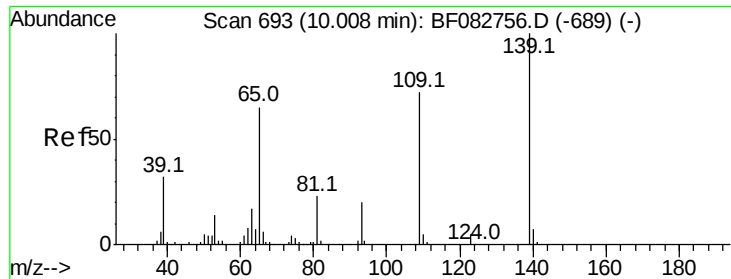
#54
Dibenzofuran
Concen: 37.17 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

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

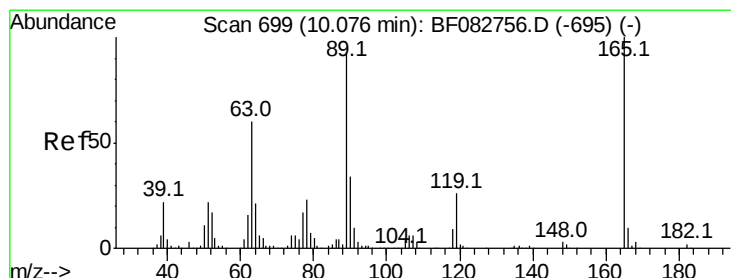
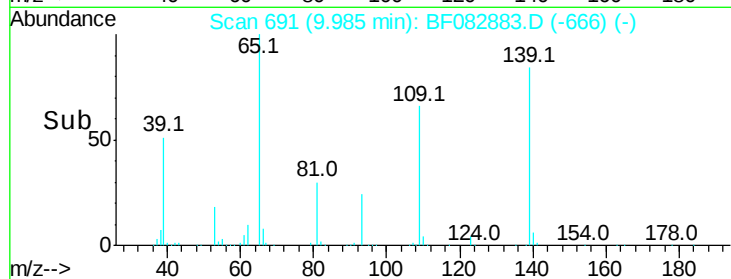
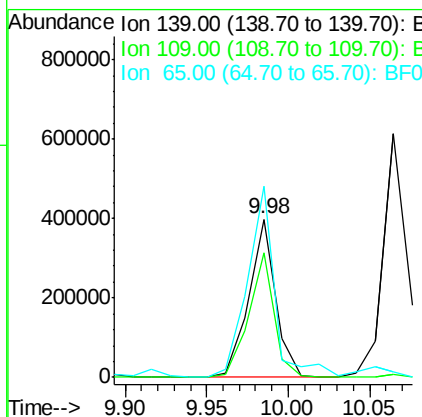
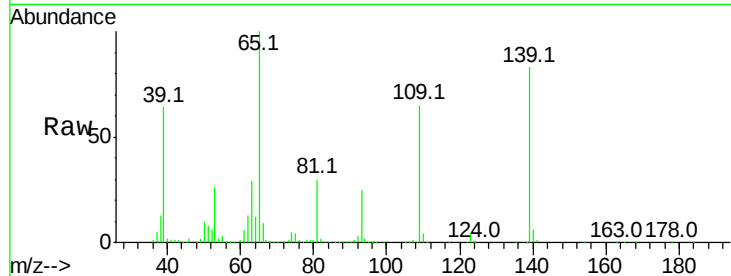




#55
4-Nitrophenol
Concen: 64.80 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

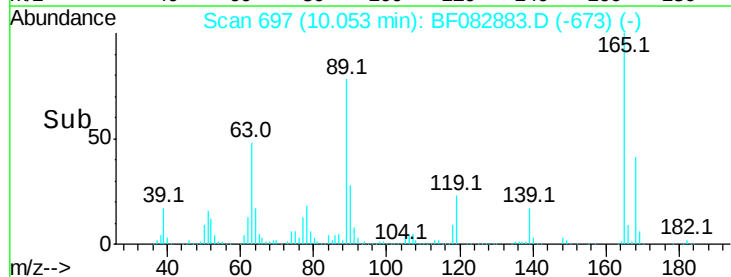
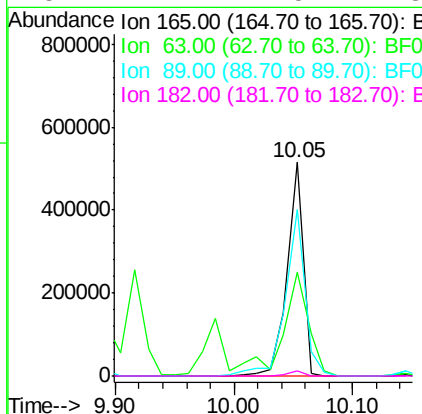
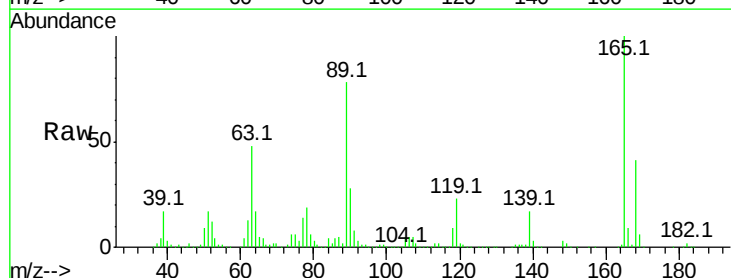
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

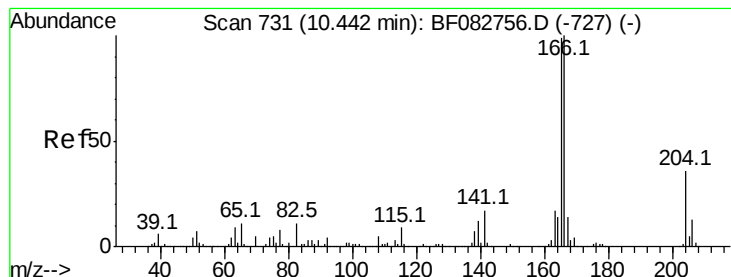
Tot Ion:139 Resp: 454631
Ion Ratio Lower Upper
139 100
109 78.4 73.7 113.7
65 120.8 82.9 122.9



#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

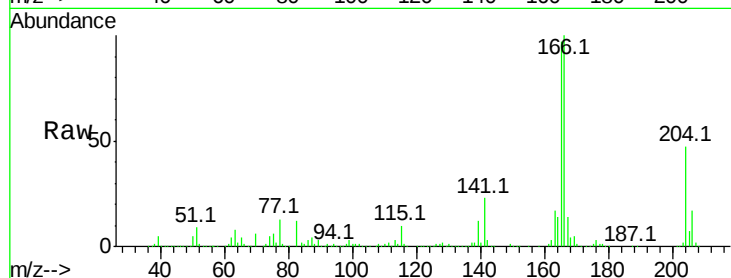
Tot Ion:166 Resp: 1225507

Ion Ratio Lower Upper

166 100

165 97.3 80.2 120.4

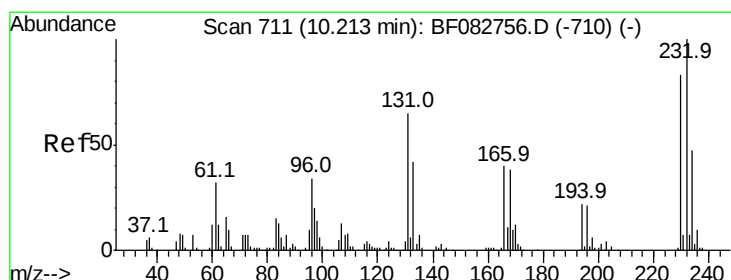
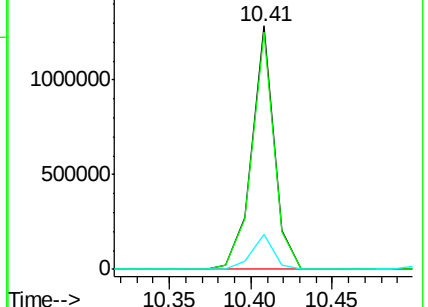
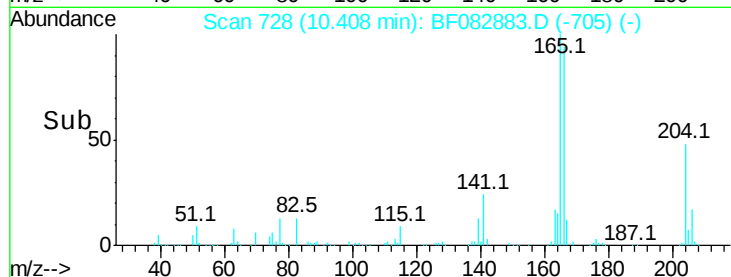
167 14.3 11.2 16.8



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

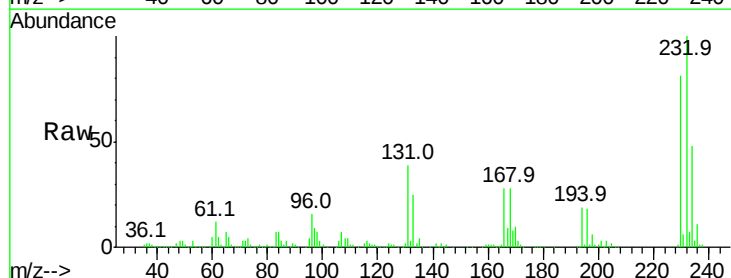
Ion Ratio Lower Upper

232 100

131 45.7 46.2 69.2#

130 2.3 2.4 3.6#

166 30.7 28.2 42.2

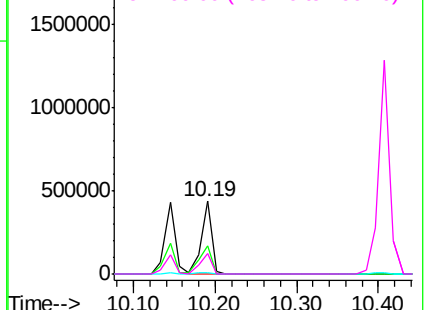
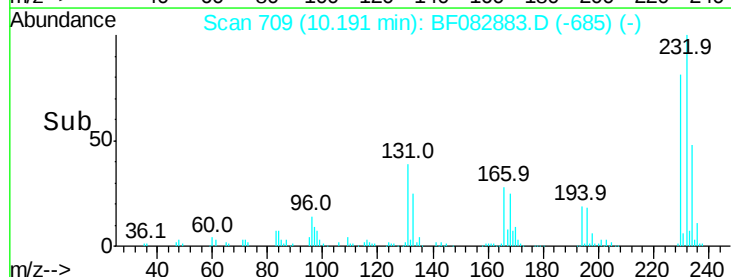


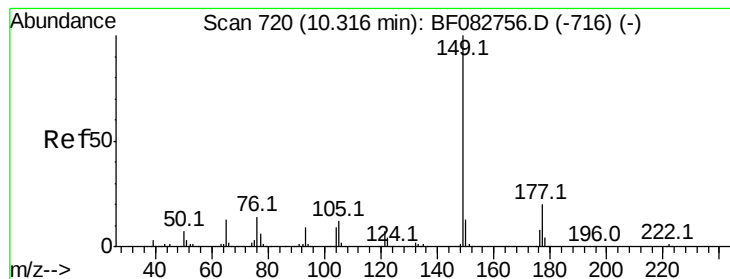
Abundance Ion 232.00 (231.70 to 232.70): E

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

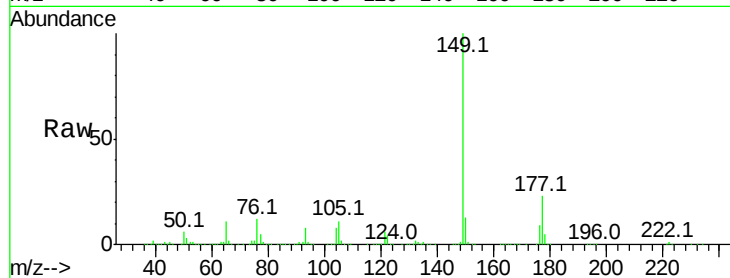
Tot Ion:149 Resp: 1489764

Ion Ratio Lower Upper

149 100

177 22.5 17.9 26.9

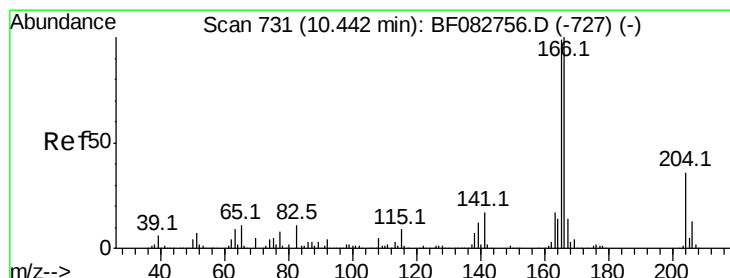
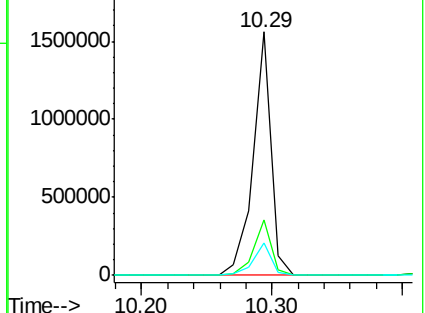
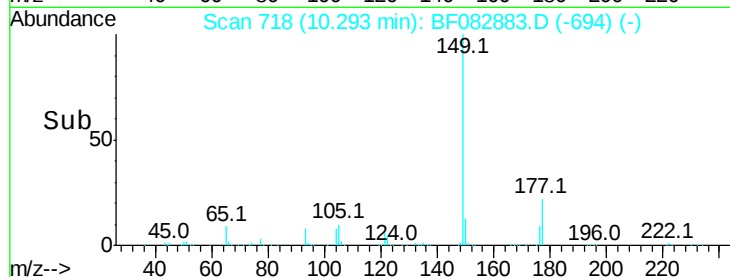
150 13.3 10.1 15.1



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

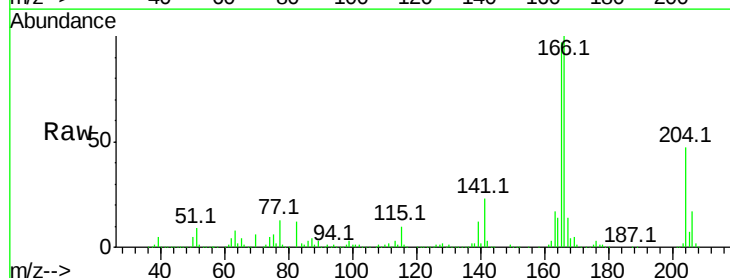
Tgt Ion:204 Resp: 646529

Ion Ratio Lower Upper

204 100

206 35.5 28.5 42.7

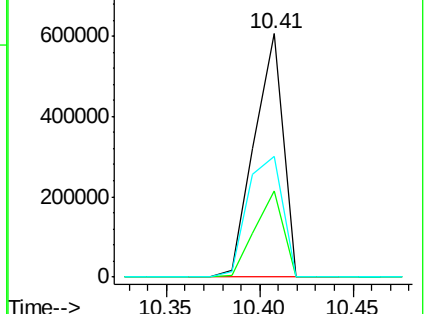
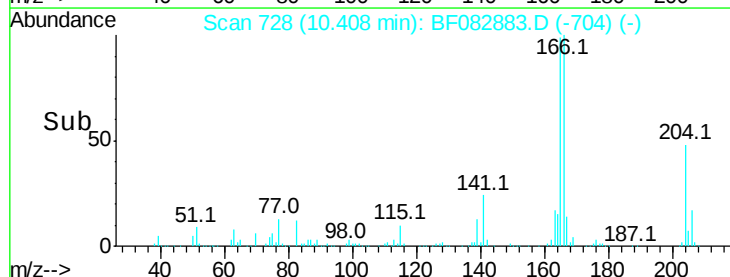
141 49.6 44.6 66.8

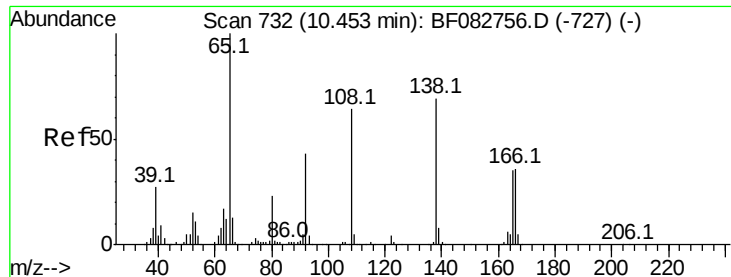


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

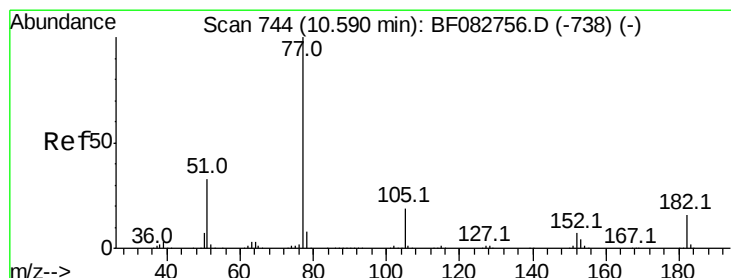
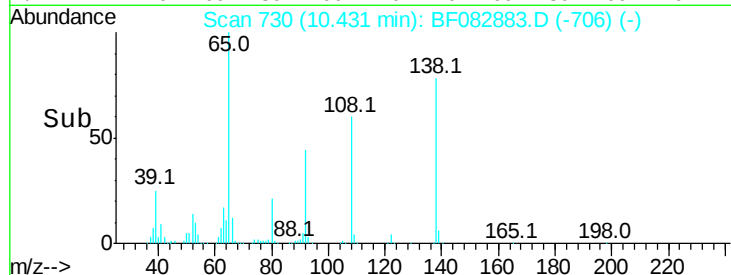
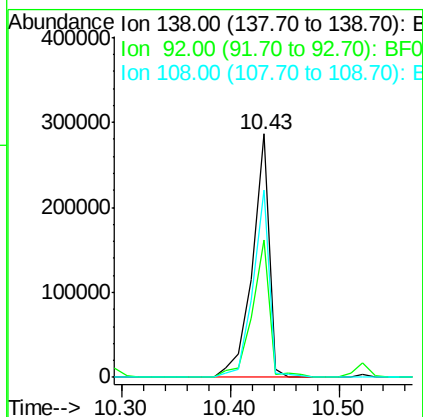
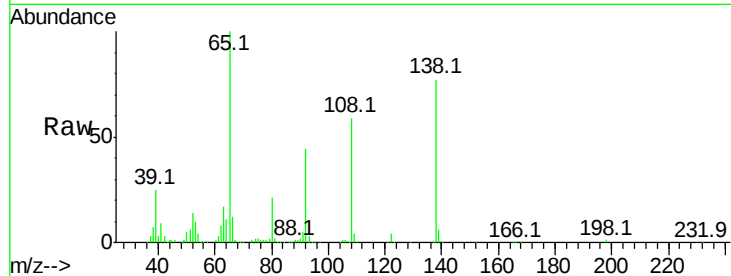




#61
4-Nitroaniline
Concen: 33.84 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

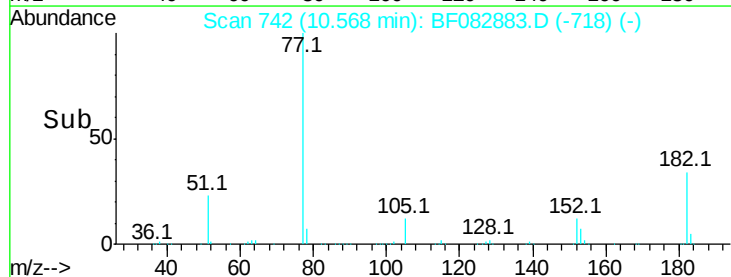
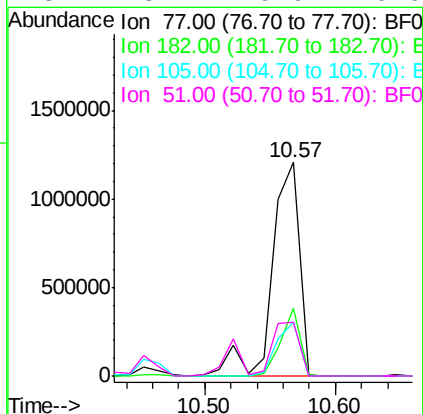
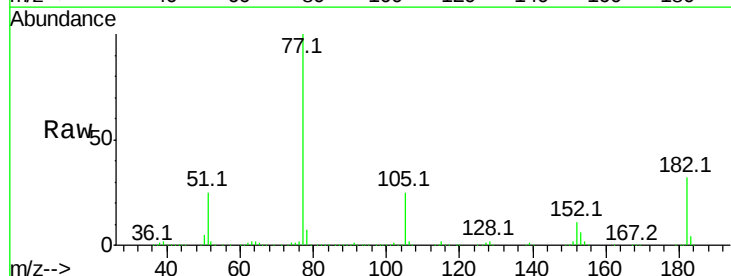
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

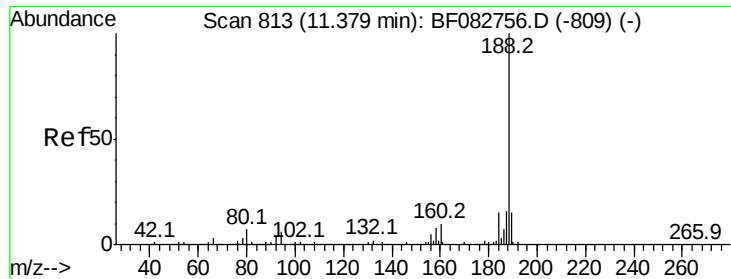
Tot Ion:138 Resp: 311250
Ion Ratio Lower Upper
138 100
92 56.5 45.8 85.8
108 76.8 89.4 129.4#



#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

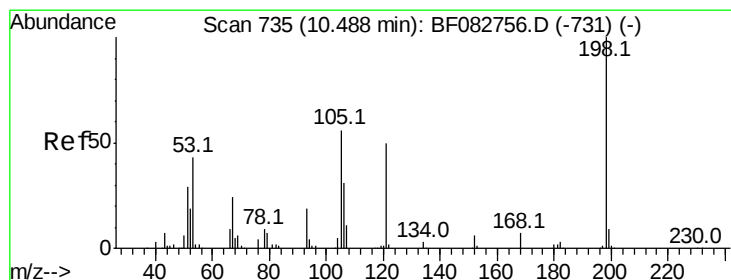
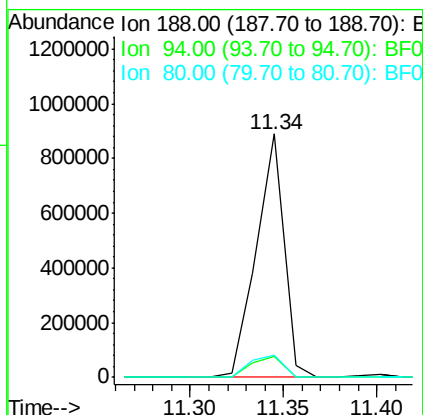
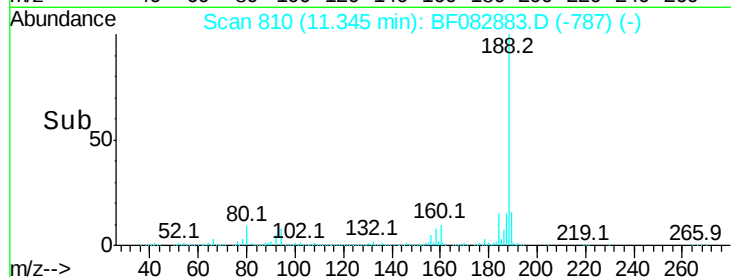
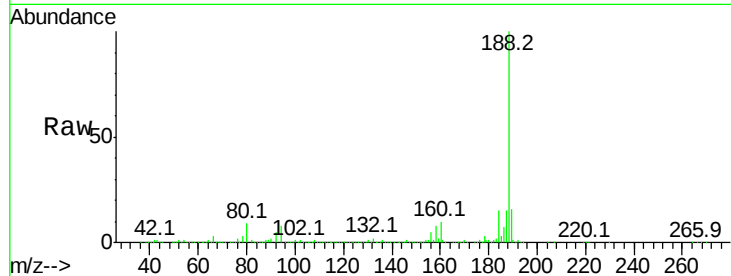




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

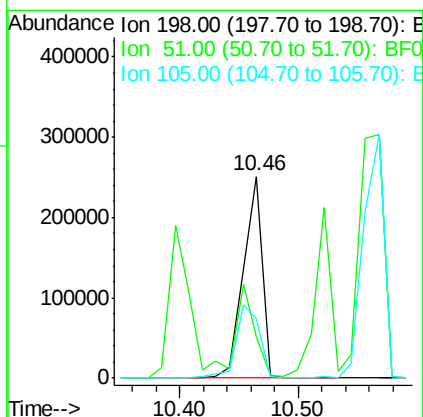
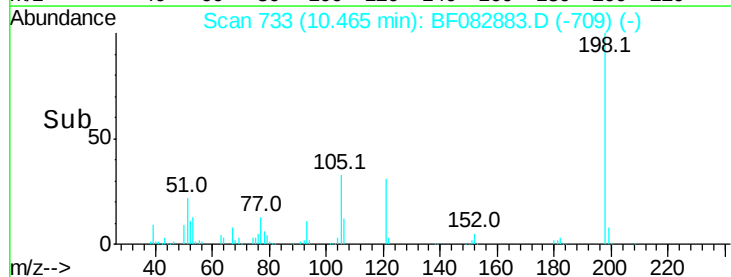
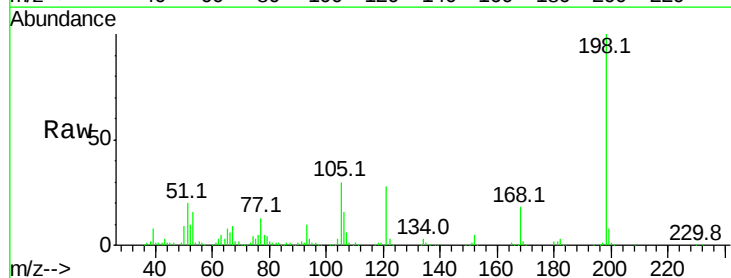
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

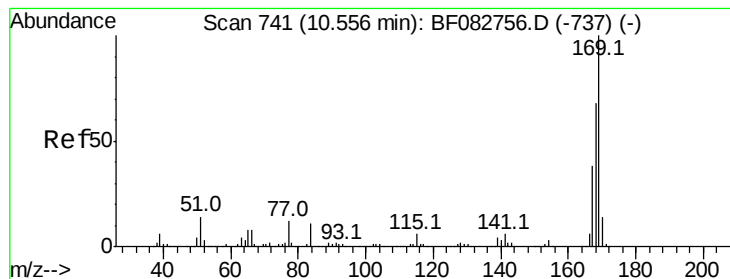
Tot Ion:188 Resp: 914157
Ion Ratio Lower Upper
188 100
94 8.4 6.1 9.1
80 9.2 7.0 10.6



#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





#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

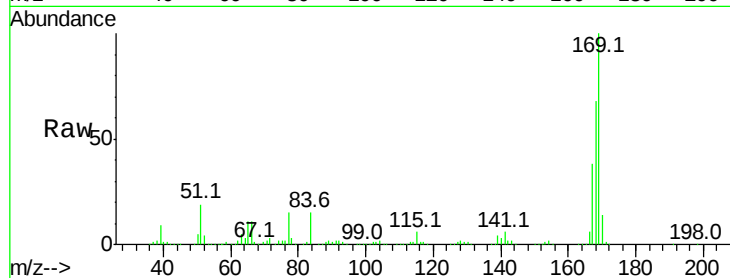
Tot Ion:169 Resp: 1107078

Ion Ratio Lower Upper

169 100

168 67.5 55.0 82.6

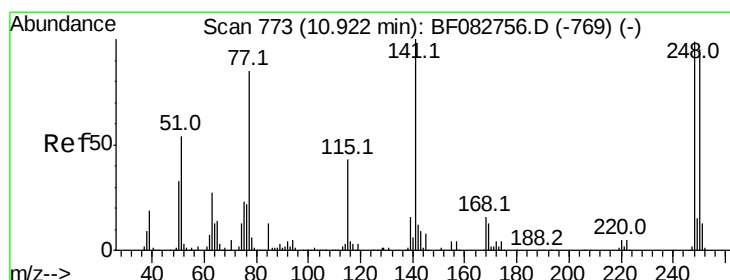
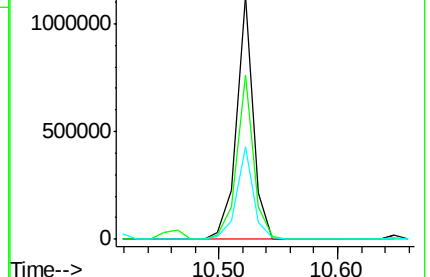
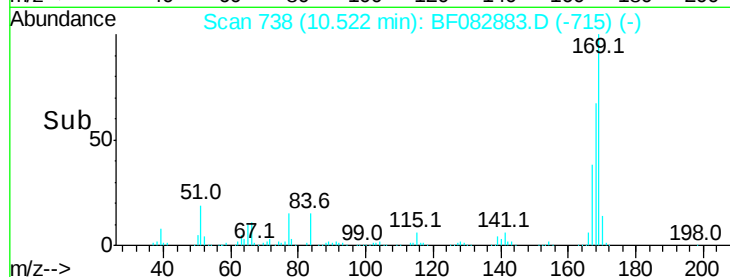
167 38.2 30.5 45.7



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

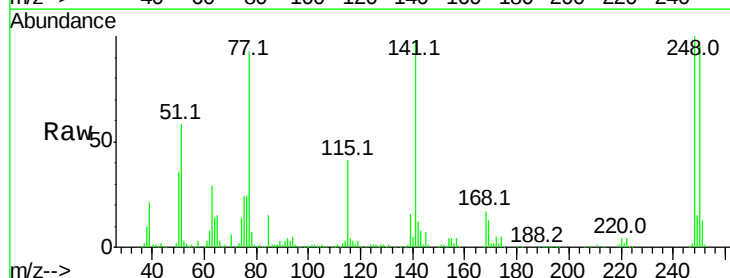
Tgt Ion:248 Resp: 393868

Ion Ratio Lower Upper

248 100

250 95.6 79.4 119.2

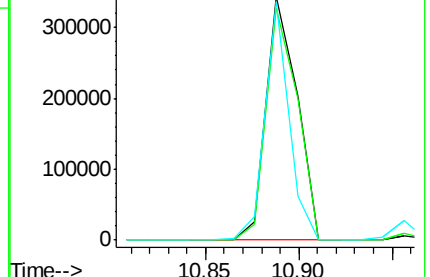
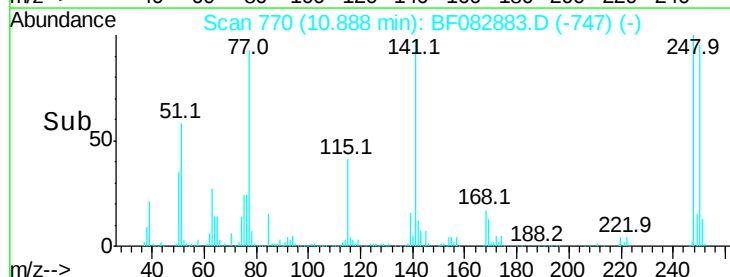
141 98.2 36.3 54.5#

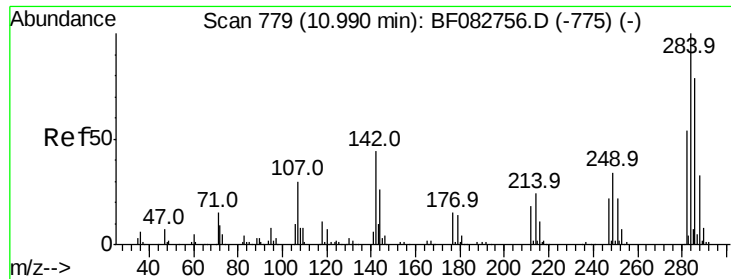


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

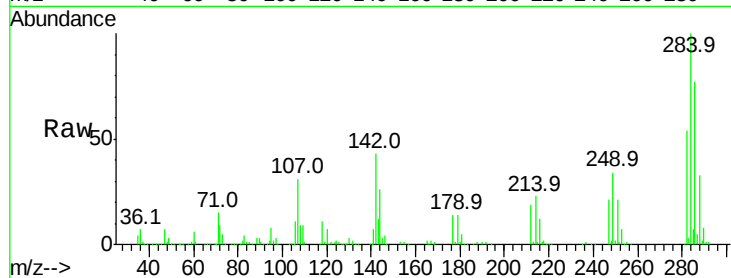




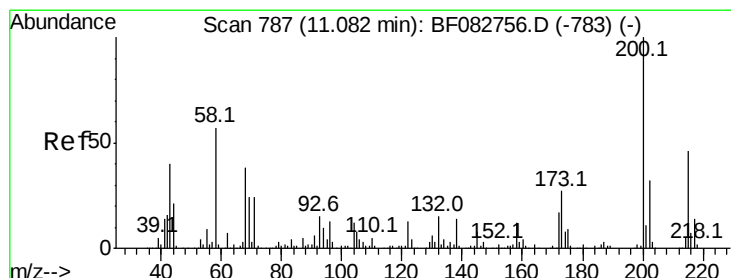
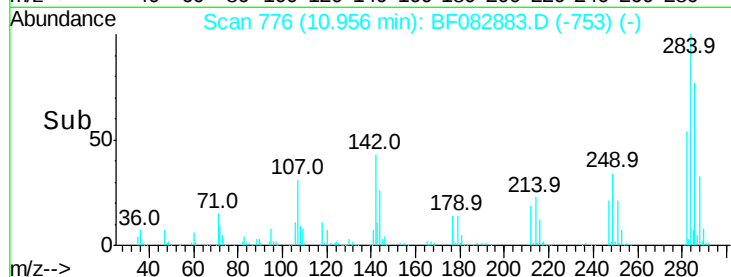
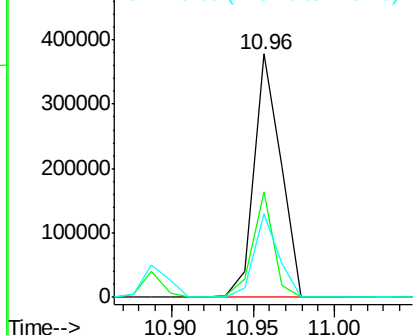
#67
Hexachlorobenzene
Concen: 34.78 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.5	47.9	71.9#
249	34.2	29.7	44.5

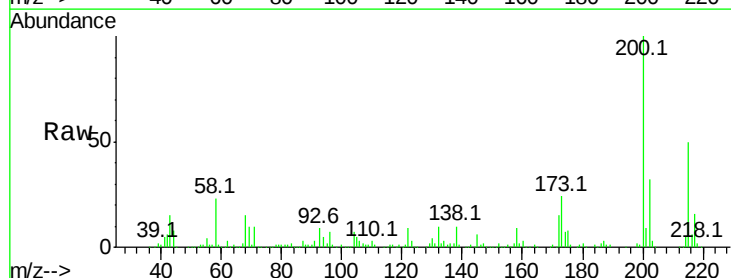


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

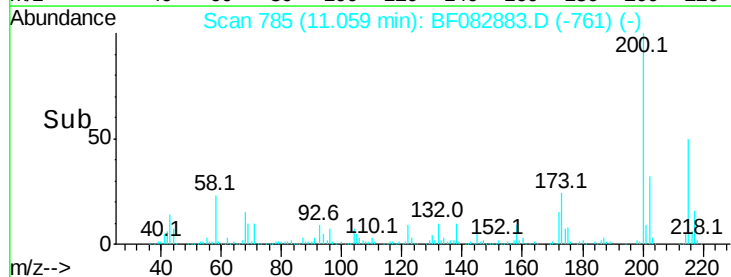
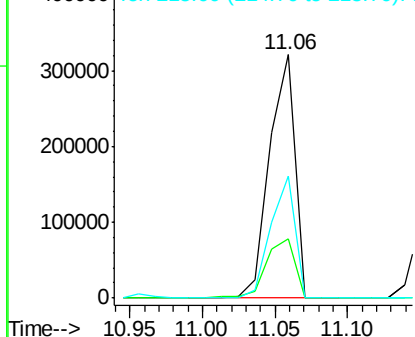


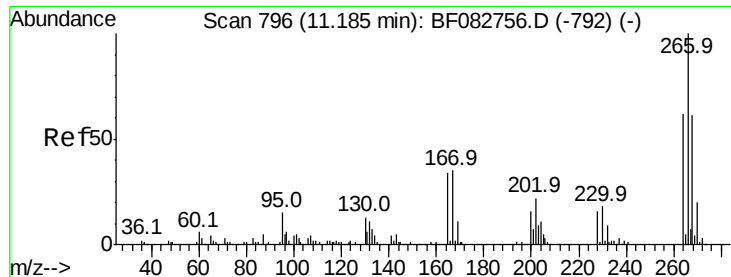
#68
Atrazine
Concen: 38.08 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

Tgt Ion	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

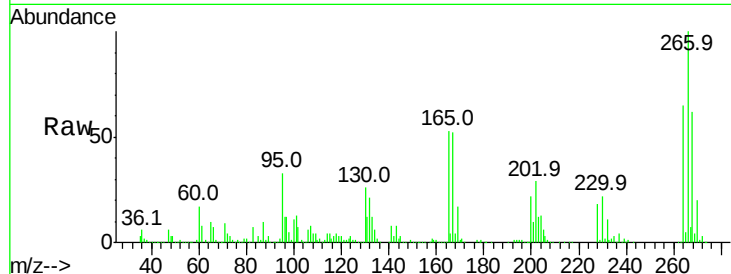




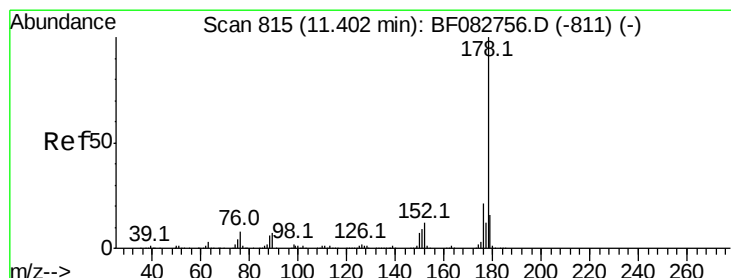
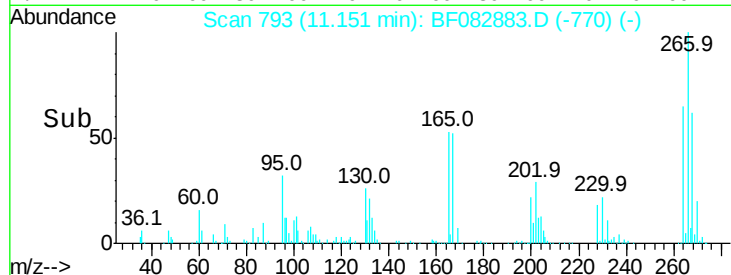
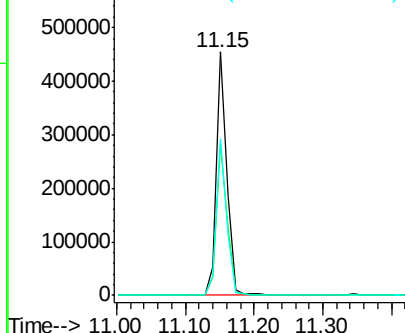
#69
 Pentachlorophenol
 Concen: 66.22 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

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

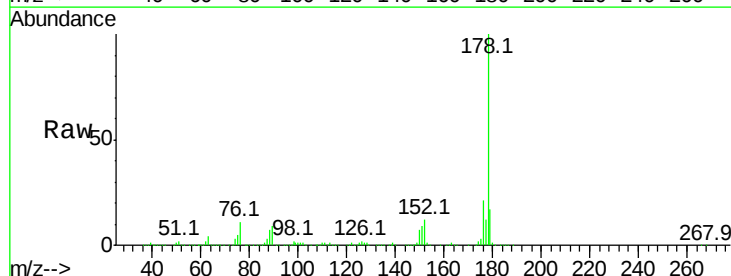


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

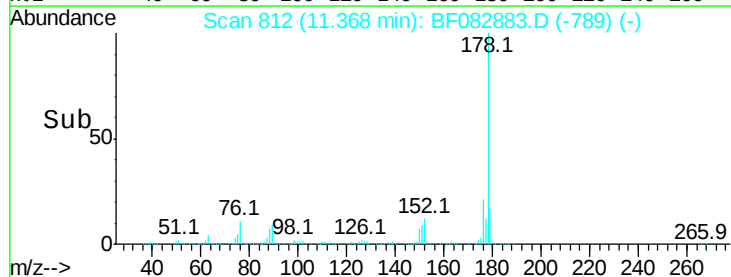
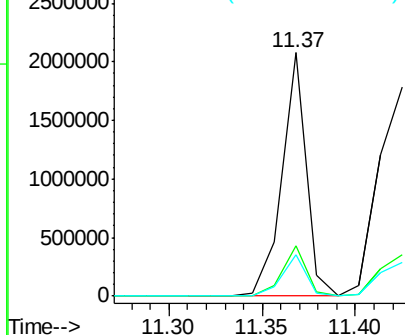


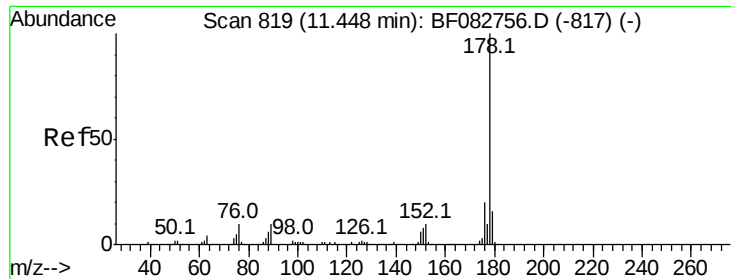
#70
 Phenanthrene
 Concen: 35.57 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

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

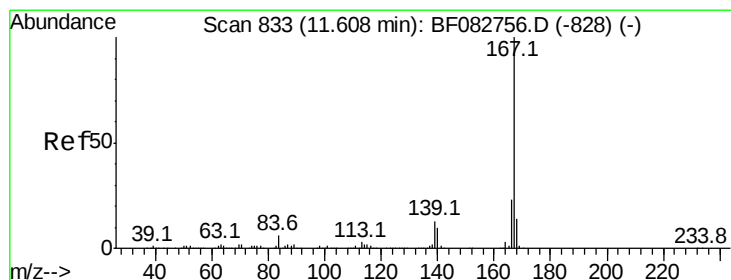
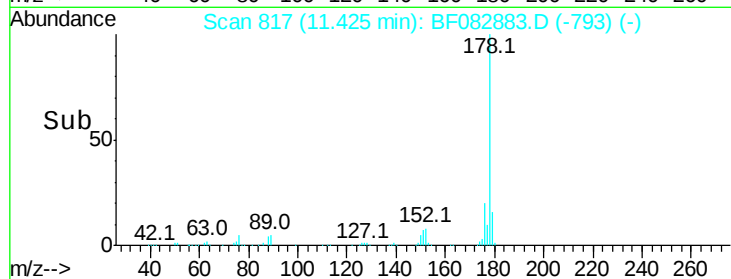
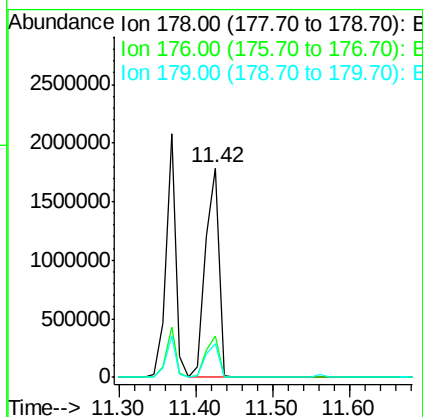
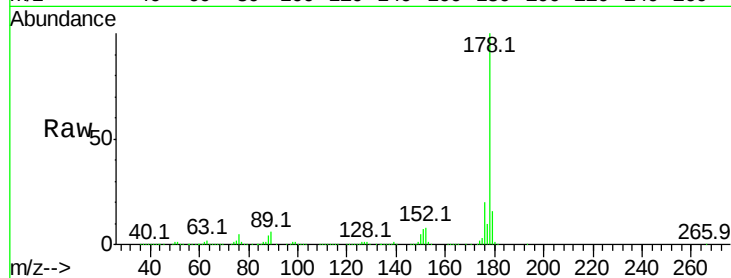




#71
 Anthracene
 Concen: 38.07 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

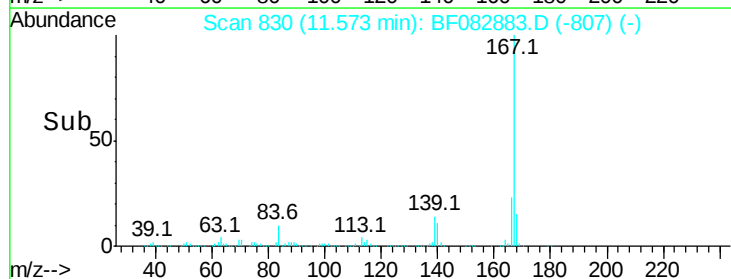
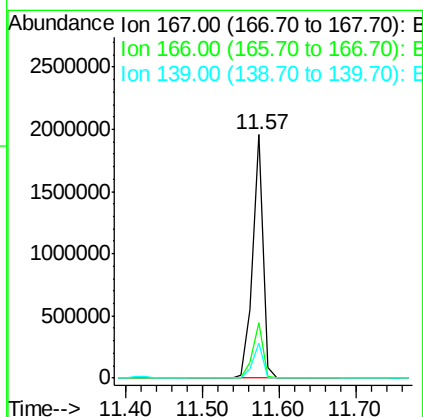
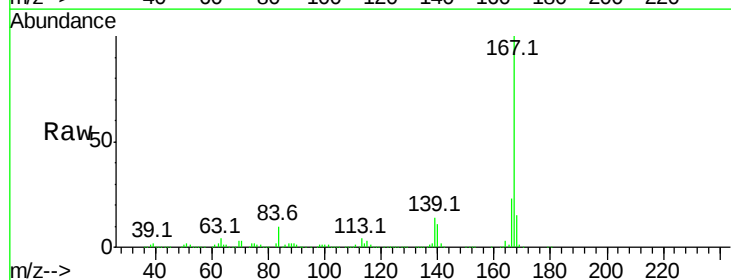
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

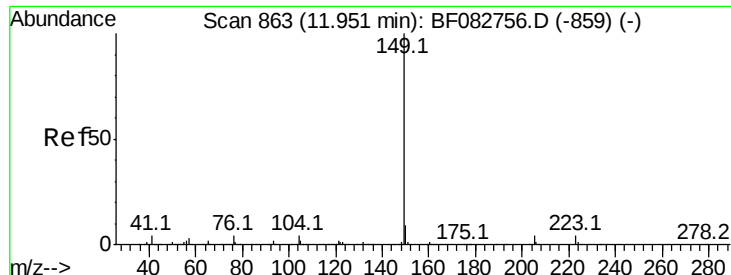
Tot Ion:178 Resp: 2129013
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 16.1 13.2 19.8



#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

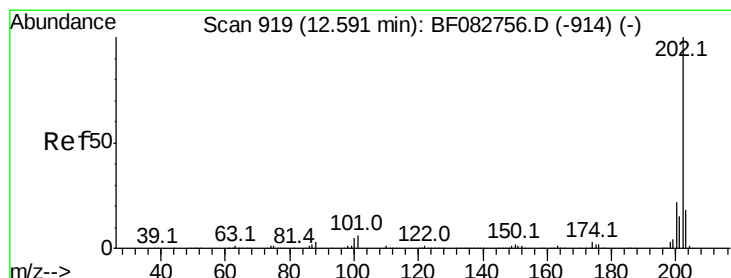
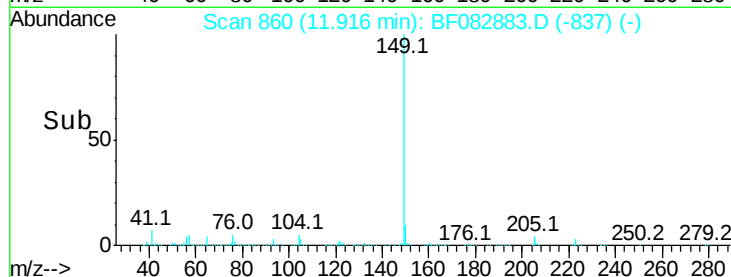
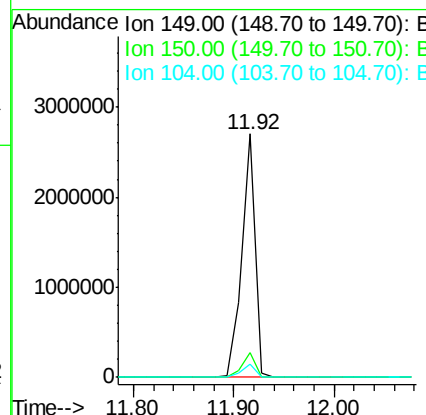
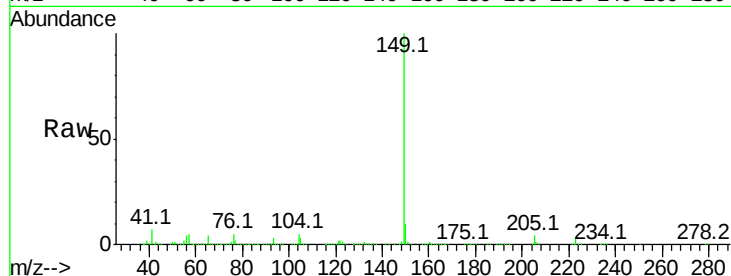




#73
Di-n-butylphthalate
Concen: 40.52 ng
RT: 11.92 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

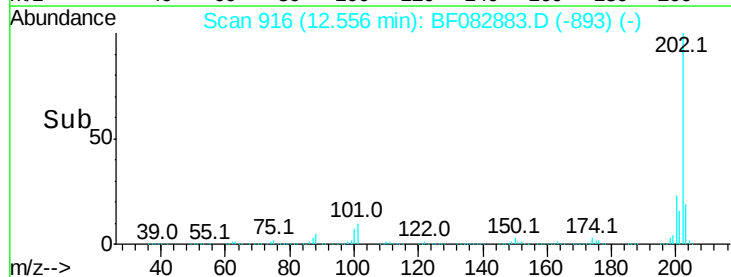
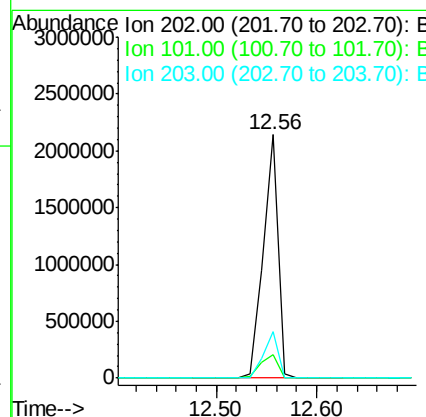
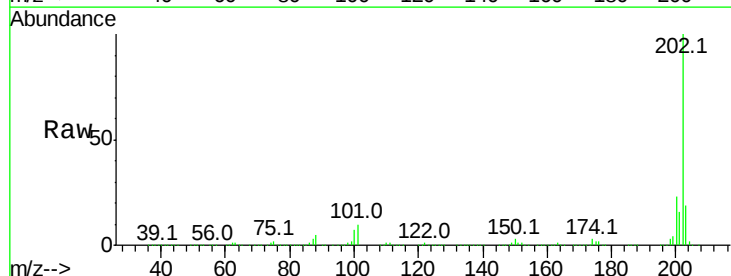
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

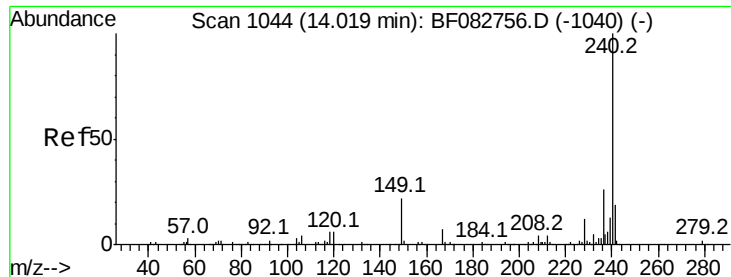
Tot Ion:149 Resp: 2471288
Ion Ratio Lower Upper
149 100
150 10.4 8.1 12.1
104 5.4 5.2 7.8



#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





#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

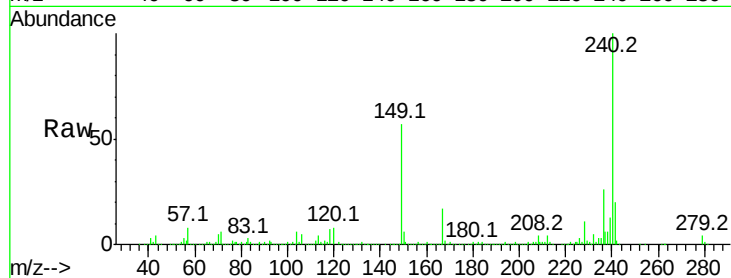
Tot Ion:240 Resp: 736845

Ion Ratio Lower Upper

240 100

120 7.7 10.9 16.3#

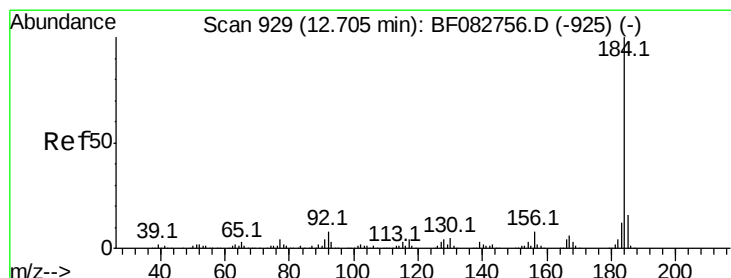
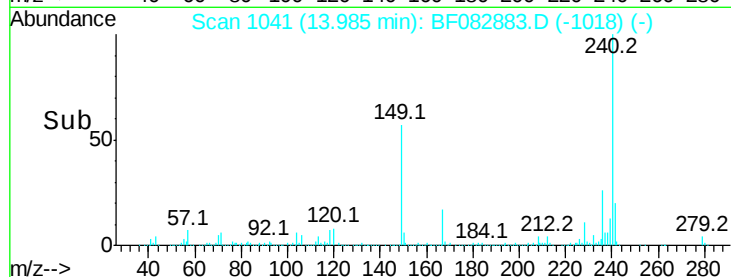
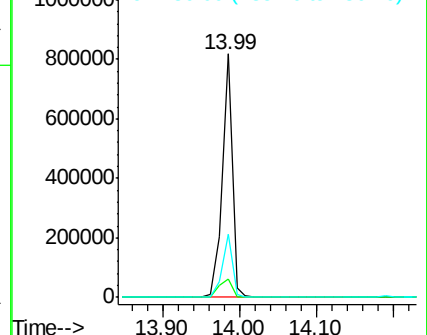
236 26.2 21.6 32.4



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

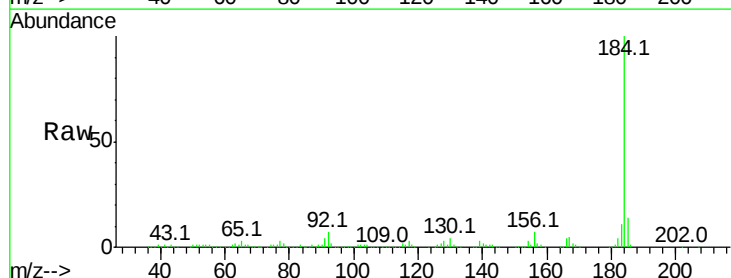
Tgt Ion:184 Resp: 393215

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

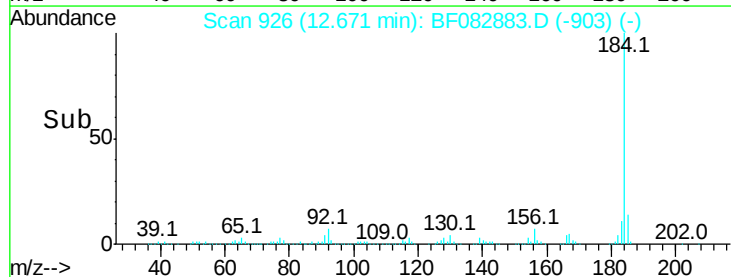
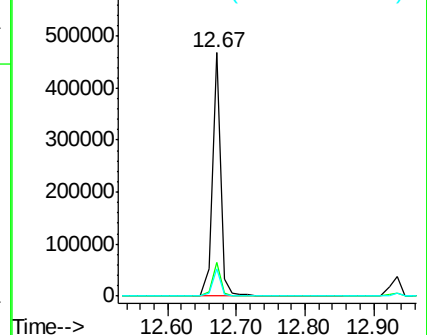
183 11.4 9.6 14.4

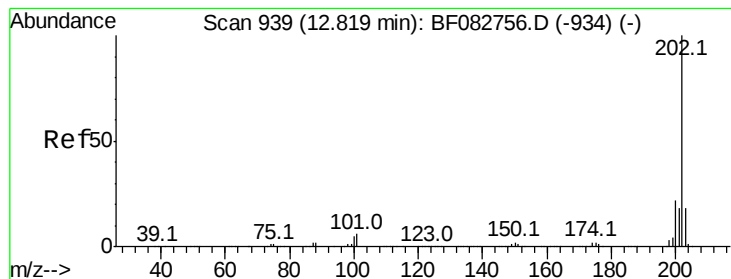


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

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

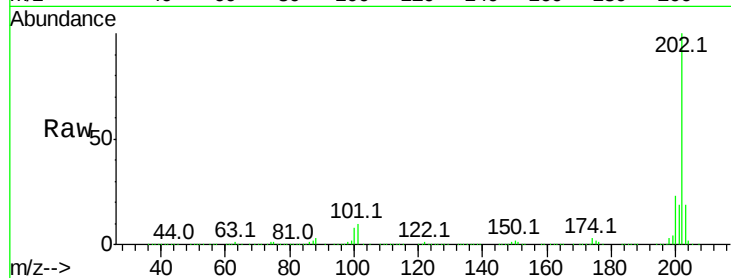
Tot Ion:202 Resp: 2235559

Ion Ratio Lower Upper

202 100

200 23.3 18.7 28.1

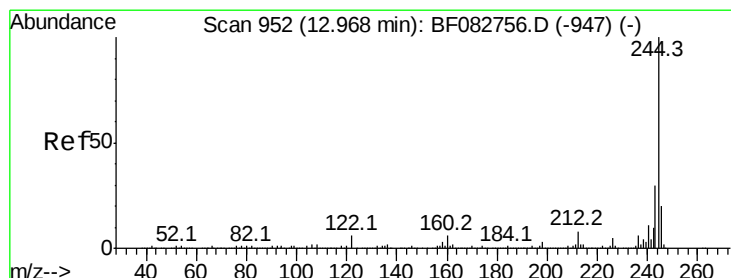
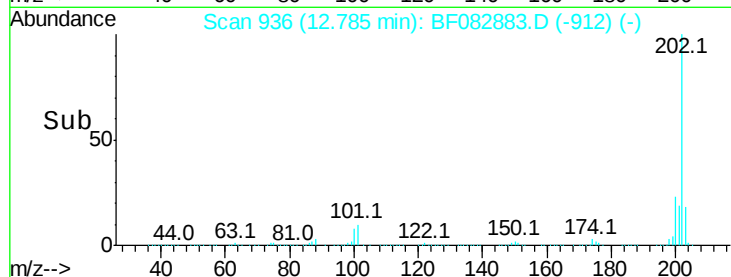
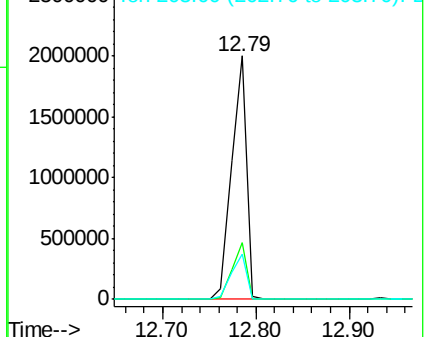
203 18.8 14.8 22.2



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

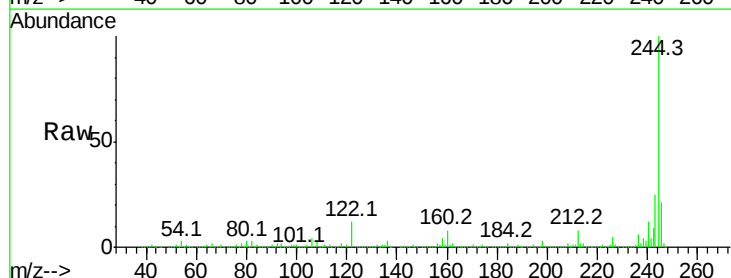
Tgt Ion:244 Resp: 2480682

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

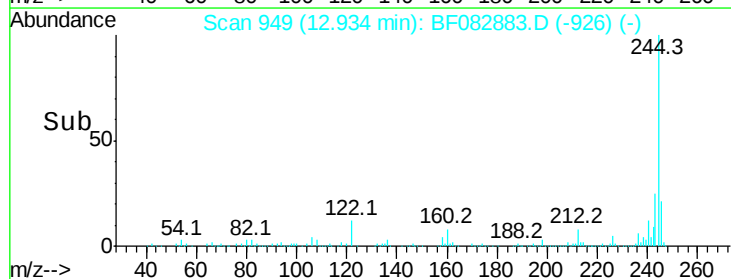
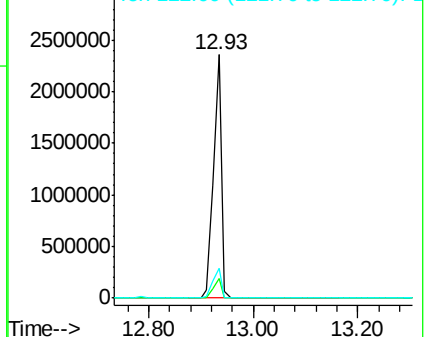
122 12.0 11.3 16.9

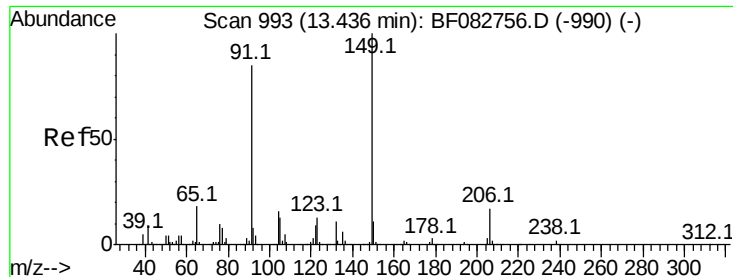


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

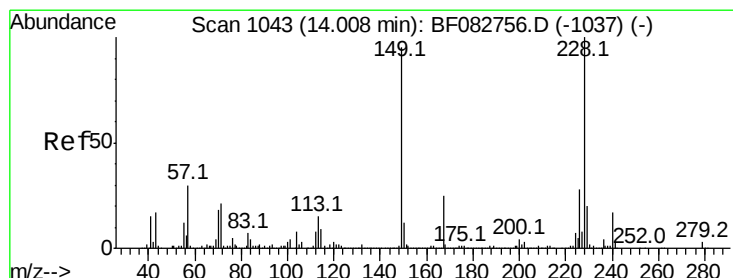
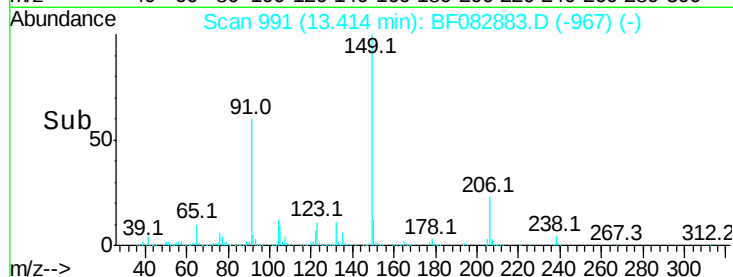
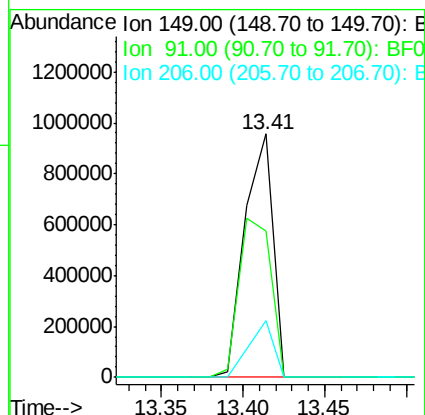
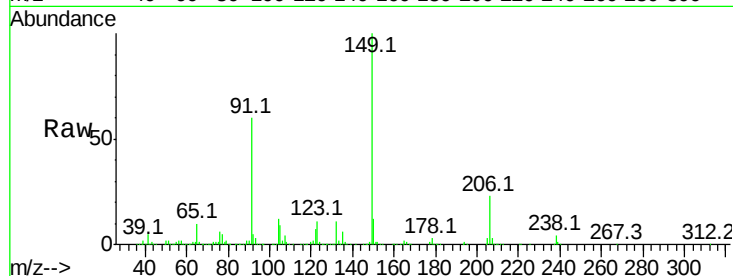




#79
Butylbenzylphthalate
Concen: 50.95 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF082883.D
Acq: 10 Nov 2015 21:44

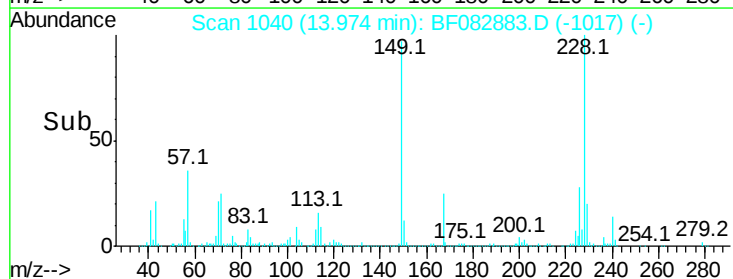
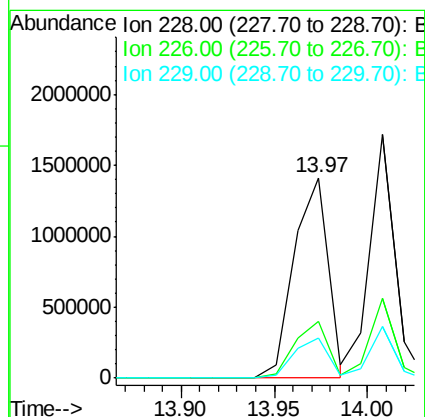
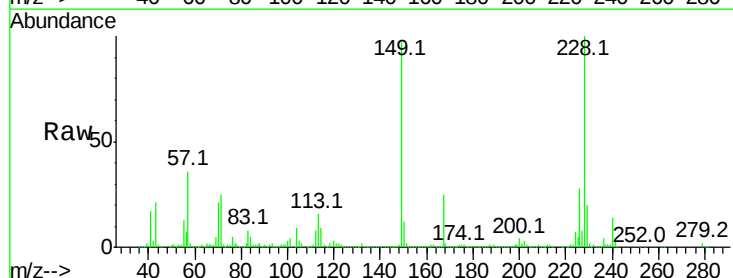
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMSD

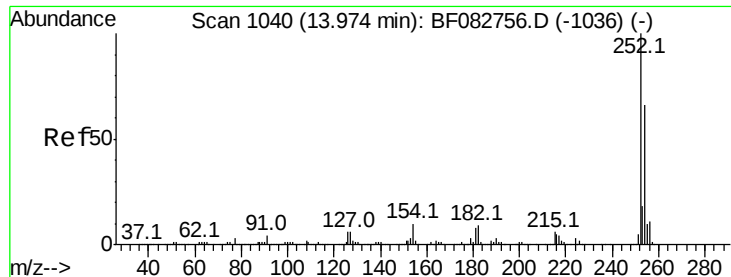
Tot Ion:149 Resp: 1139038
Ion Ratio Lower Upper
149 100
91 60.3 67.7 101.5#
206 23.3 14.6 22.0#



#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

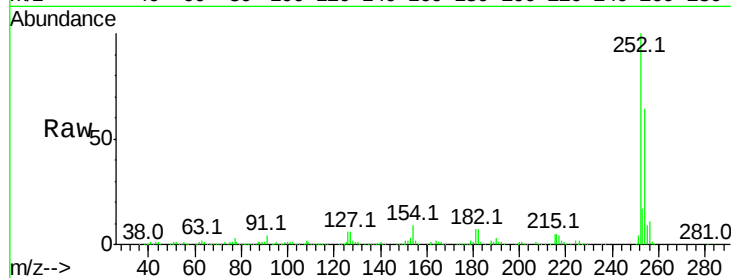




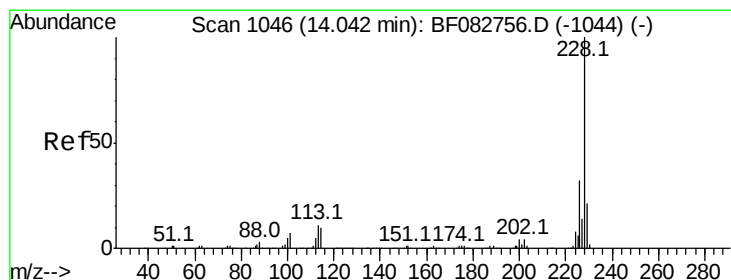
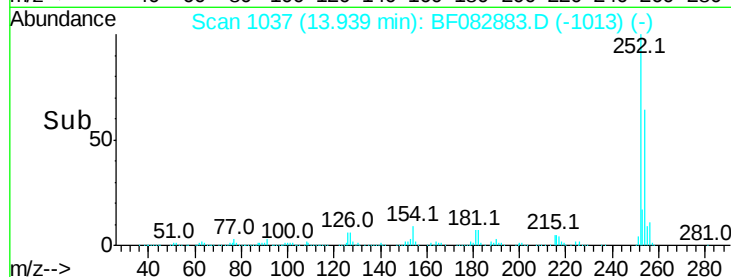
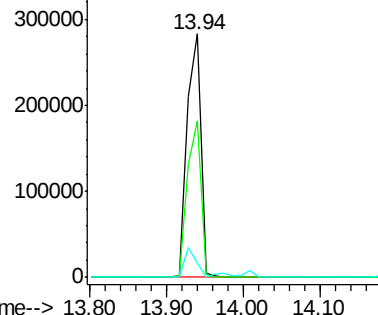
#81
 3,3'-Dichlorobenzidine
 Concen: 21.22 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

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

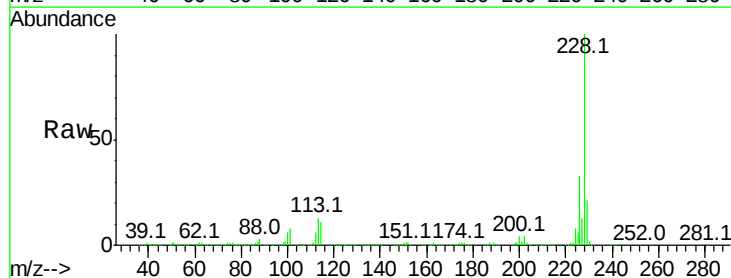


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

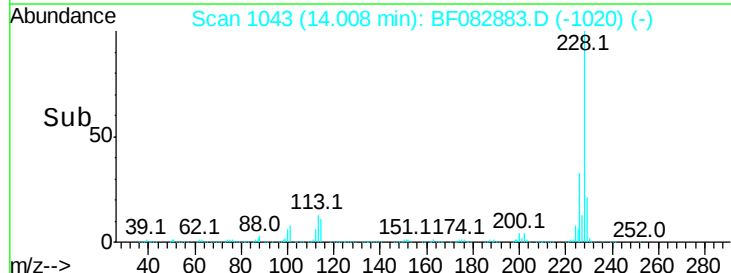
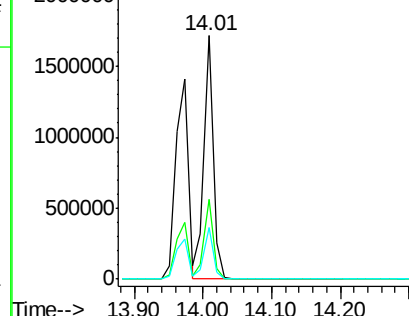


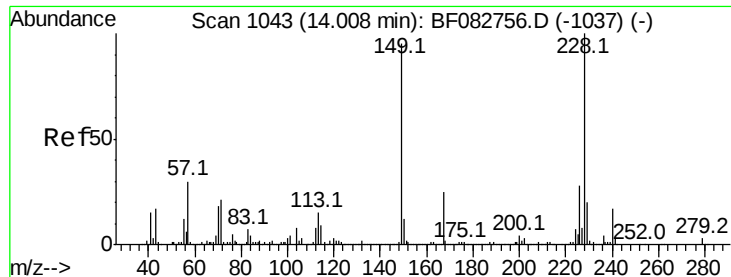
#82
 Chrysene
 Concen: 37.89 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

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

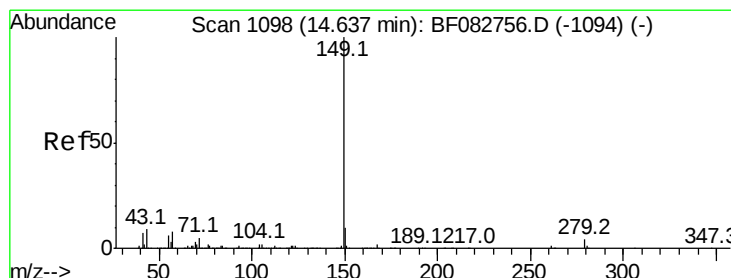
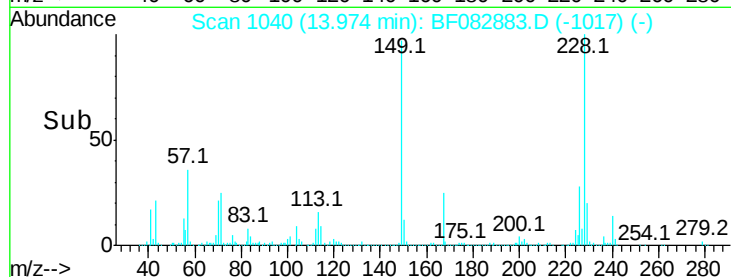
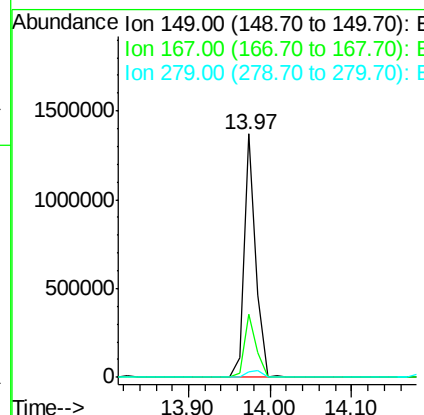
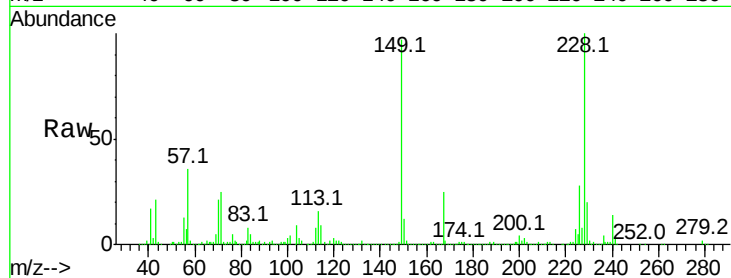




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.18 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

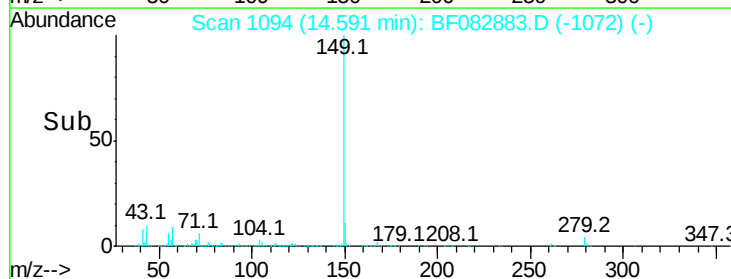
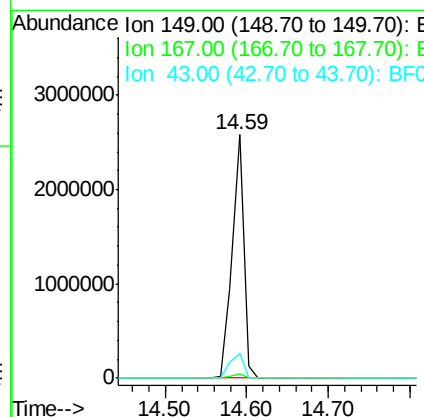
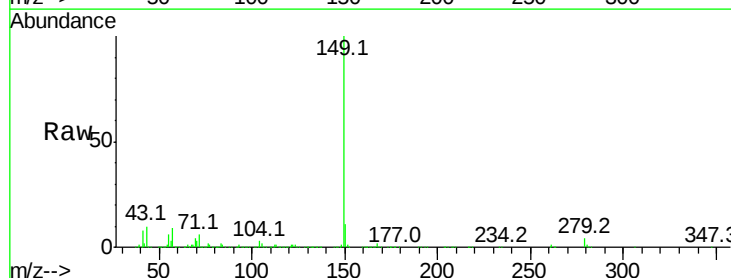
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

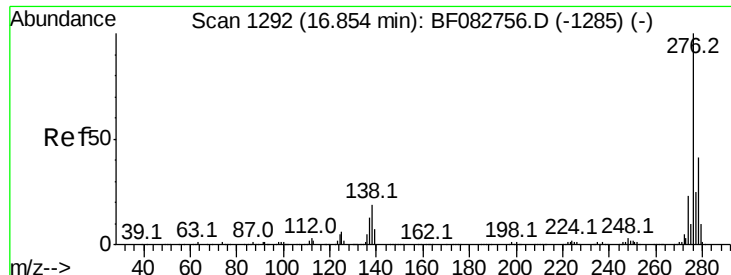
Tot Ion:149 Resp: 1351767
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.2 31.8
 279 2.3 2.2 3.2



#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

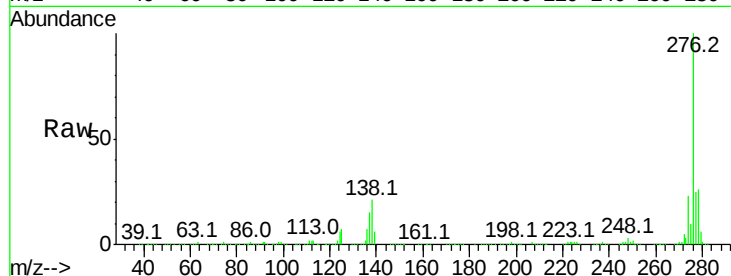




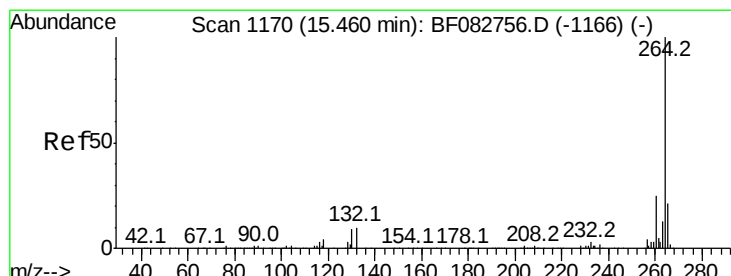
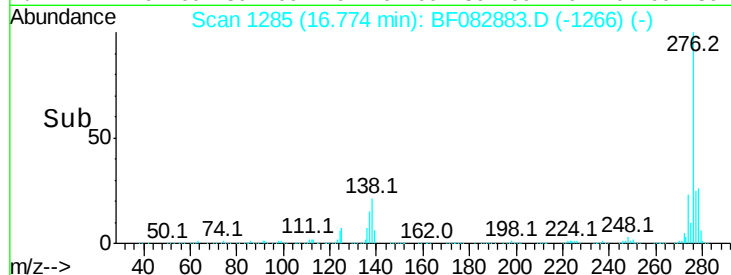
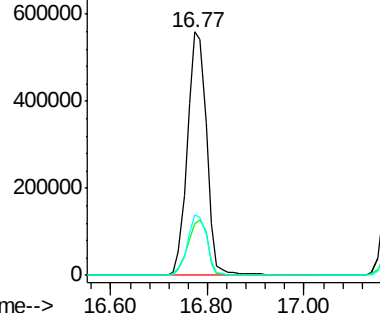
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.18 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.08 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMSD

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

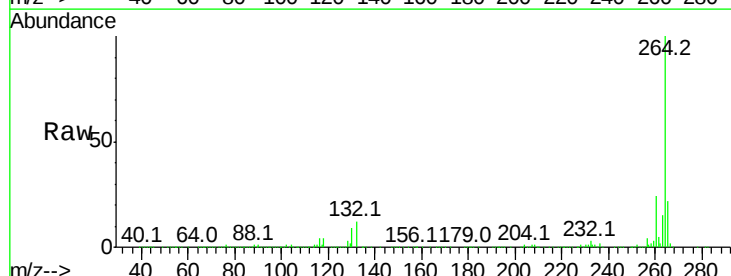


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

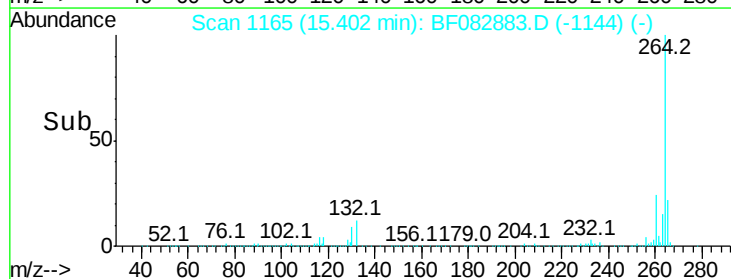
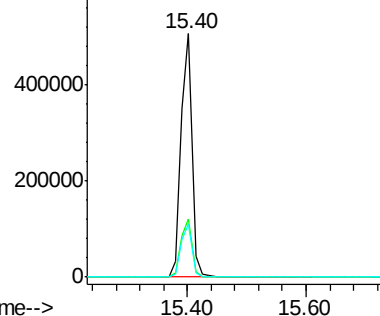


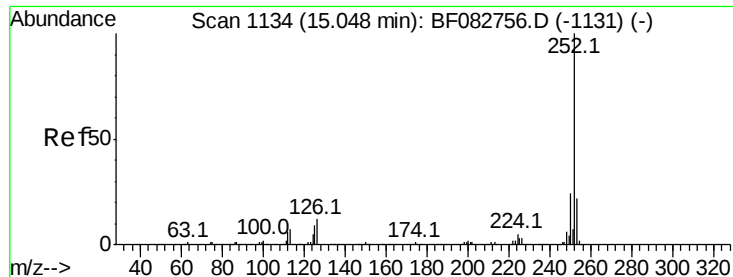
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082883.D
 Acq: 10 Nov 2015 21:44

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: 41.22 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.05 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMSD

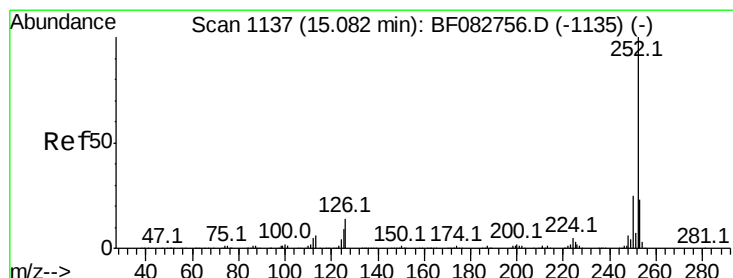
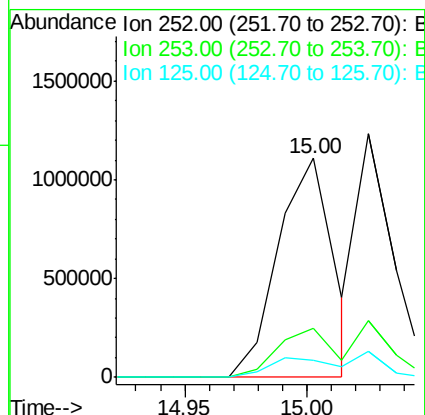
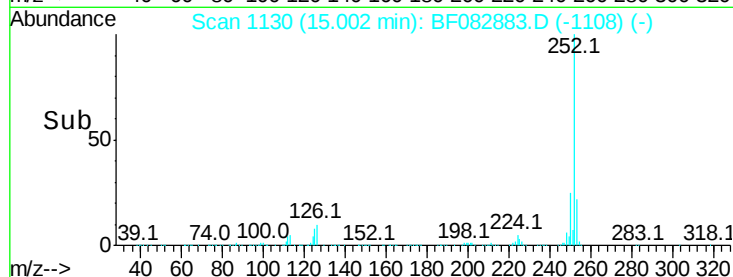
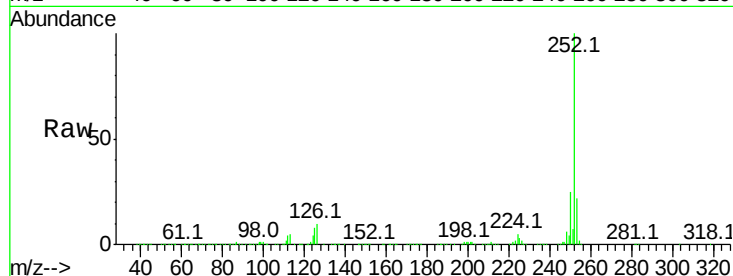
Tot Ion:252 Resp: 1729961

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 7.5 5.4 8.2



#88

Benzo(k)fluoranthene

Concen: 33.77 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF082883.D

Acq: 10 Nov 2015 21:44

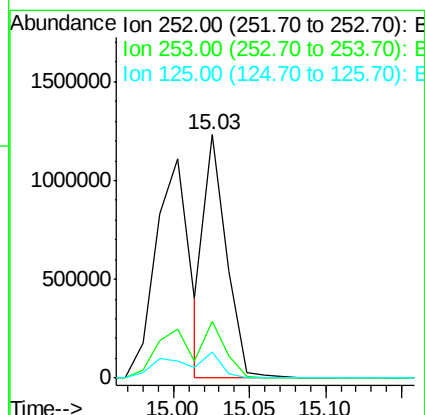
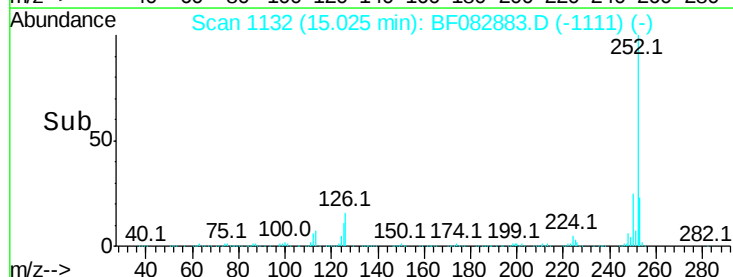
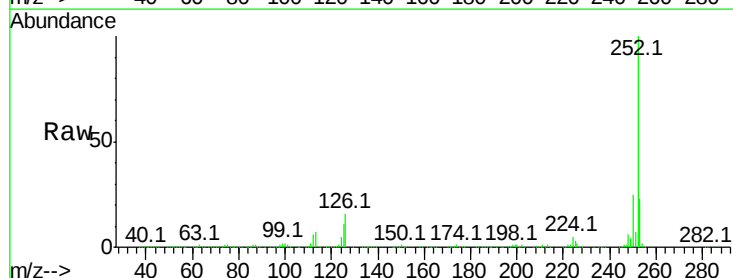
Tgt Ion:252 Resp: 1257140

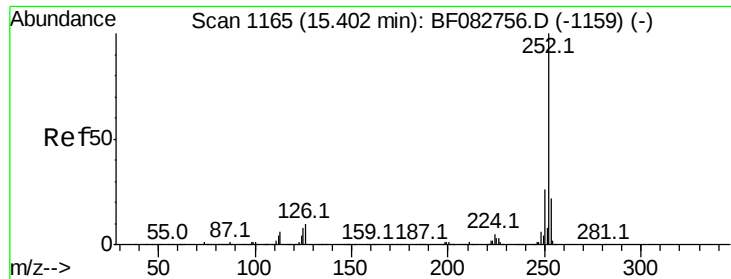
Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

125 10.9 3.5 5.3#





#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

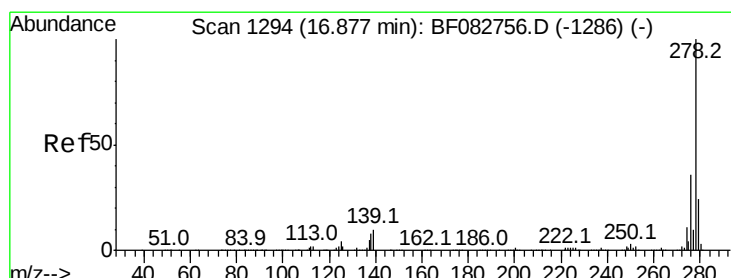
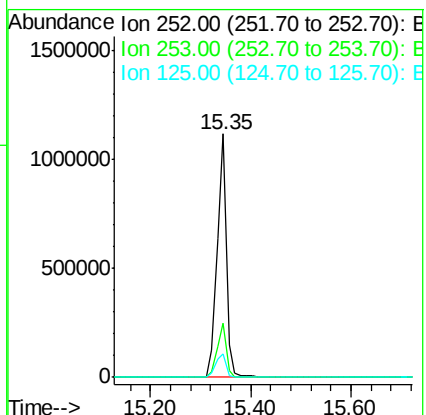
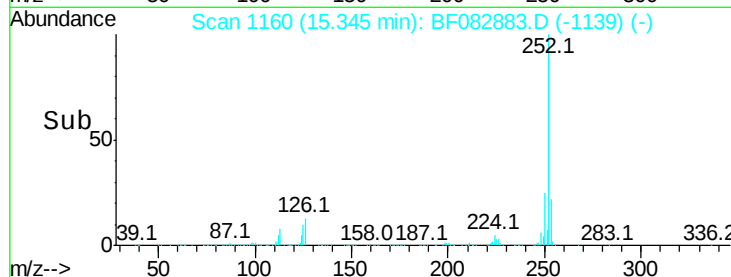
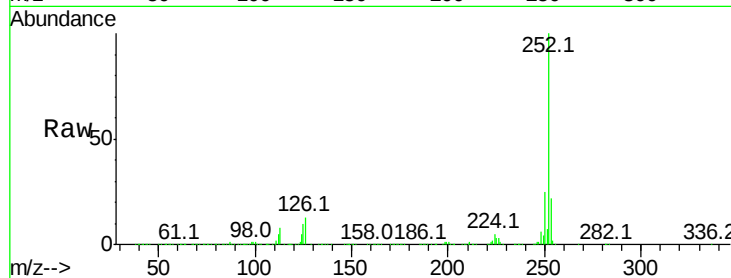
Tot Ion:252 Resp: 1428551

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.7 7.1 10.7



#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

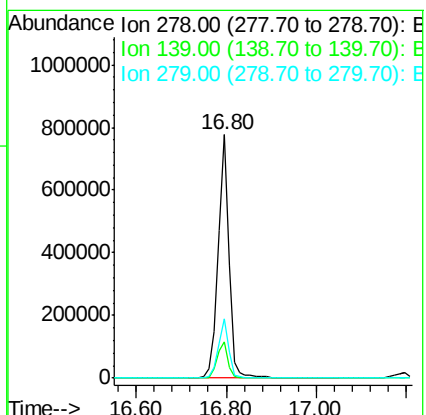
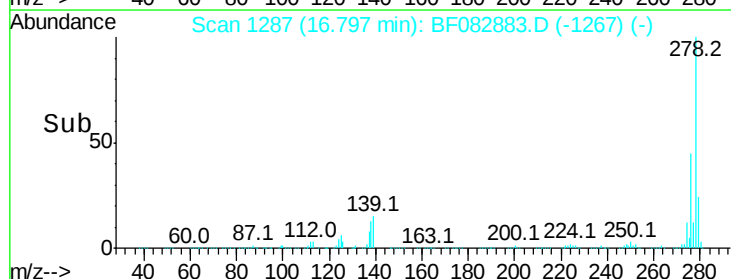
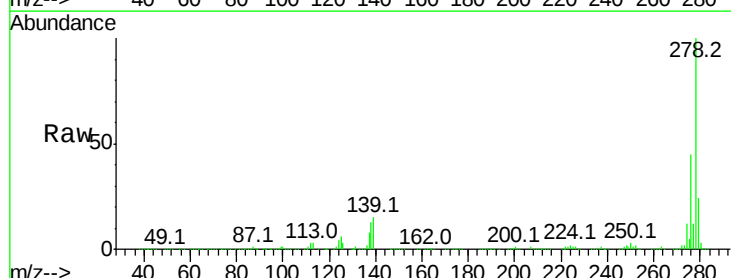
Tgt Ion:278 Resp: 1315052

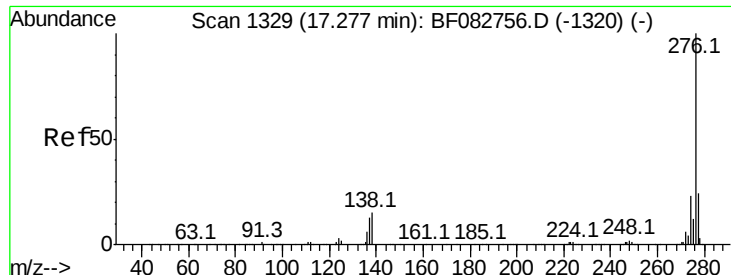
Ion Ratio Lower Upper

278 100

139 15.1 9.9 14.9#

279 24.5 19.6 29.4





#91
 Benzo(a,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

Tot Ion:	276	Resp:	1294277
Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	20.9	13.1	19.7

