

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082882.D
 Acq On : 10 Nov 2015 21:14
 Operator : UM/IZ
 Sample : G4325-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

Quant Time: Nov 13 18:16:02 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	295150	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	1165019	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	573259	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	1071499	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	833233	20.00	ng	-0.03
86) Perylene-d12	15.40	264	700850	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2082416	109.78	ng	0.00
7) Phenol-d6	6.46	99	2691692	106.74	ng	-0.01
23) Nitrobenzene-d5	7.39	82	2069525	77.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	775499	117.98	ng	-0.02
44) 2-Fluorobiphenyl	9.18	172	3018837	75.48	ng	-0.03
78) Terphenyl-d14	12.93	244	2654490	75.56	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	287187	35.09	ng	# 81
3) Pyridine	3.29	79	797768m	33.59	ng	
4) n-Nitrosodimethylamine	3.20	42	398164	33.80	ng	# 72
6) Aniline	6.48	93	498804	14.09	ng	# 1
8) 2-Chlorophenol	6.61	128	780514	37.12	ng	97
9) Benzaldehyde	6.36	77	53571m	3.85	ng	
10) Phenol	6.48	94	837572	29.27	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	821578	38.39	ng	93
12) 1,3-Dichlorobenzene	6.76	146	866319m	36.53	ng	
13) 1,4-Dichlorobenzene	6.83	146	811174	32.87	ng	98
14) 1,2-Dichlorobenzene	6.99	146	814473	36.30	ng	100
15) Benzyl Alcohol	6.97	79	782197	35.32	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1251760	39.88	ng	96
17) 2-Methylphenol	7.08	107	688520	38.66	ng	99
18) Hexachloroethane	7.33	117	310153	35.14	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	648605	34.99	ng	88
20) 3+4-Methylphenols	7.24	107	839074	36.23	ng	# 74
22) Acetophenone	7.23	105	1168952	35.02	ng	94
24) Nitrobenzene	7.40	77	938482	34.28	ng	94
25) Isophorone	7.65	82	1845171	37.25	ng	95
26) 2-Nitrophenol	7.72	139	450594	39.43	ng	# 69
27) 2,4-Dimethylphenol	7.77	122	743813	36.22	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	1059192	37.90	ng	99
29) 2,4-Dichlorophenol	7.97	162	746978	40.25	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	778946	37.32	ng	# 94
31) Naphthalene	8.13	128	2312786	35.98	ng	99
32) Benzoic acid	7.92	122	573755	40.81	ng	# 80
33) 4-Chloroaniline	8.18	127	216086m	7.80	ng	
34) Hexachlorobutadiene	8.25	225	443052	33.92	ng	99
35) Caprolactam	8.56	113	258835m	44.24	ng	
36) 4-Chloro-3-methylphenol	8.67	107	794306	36.39	ng	89
37) 2-Methylnaphthalene	8.82	142	1480367	35.60	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	720152	38.23	ng	97
40) Hexachlorocyclopentadiene	8.98	237	654977	64.72	ng	99

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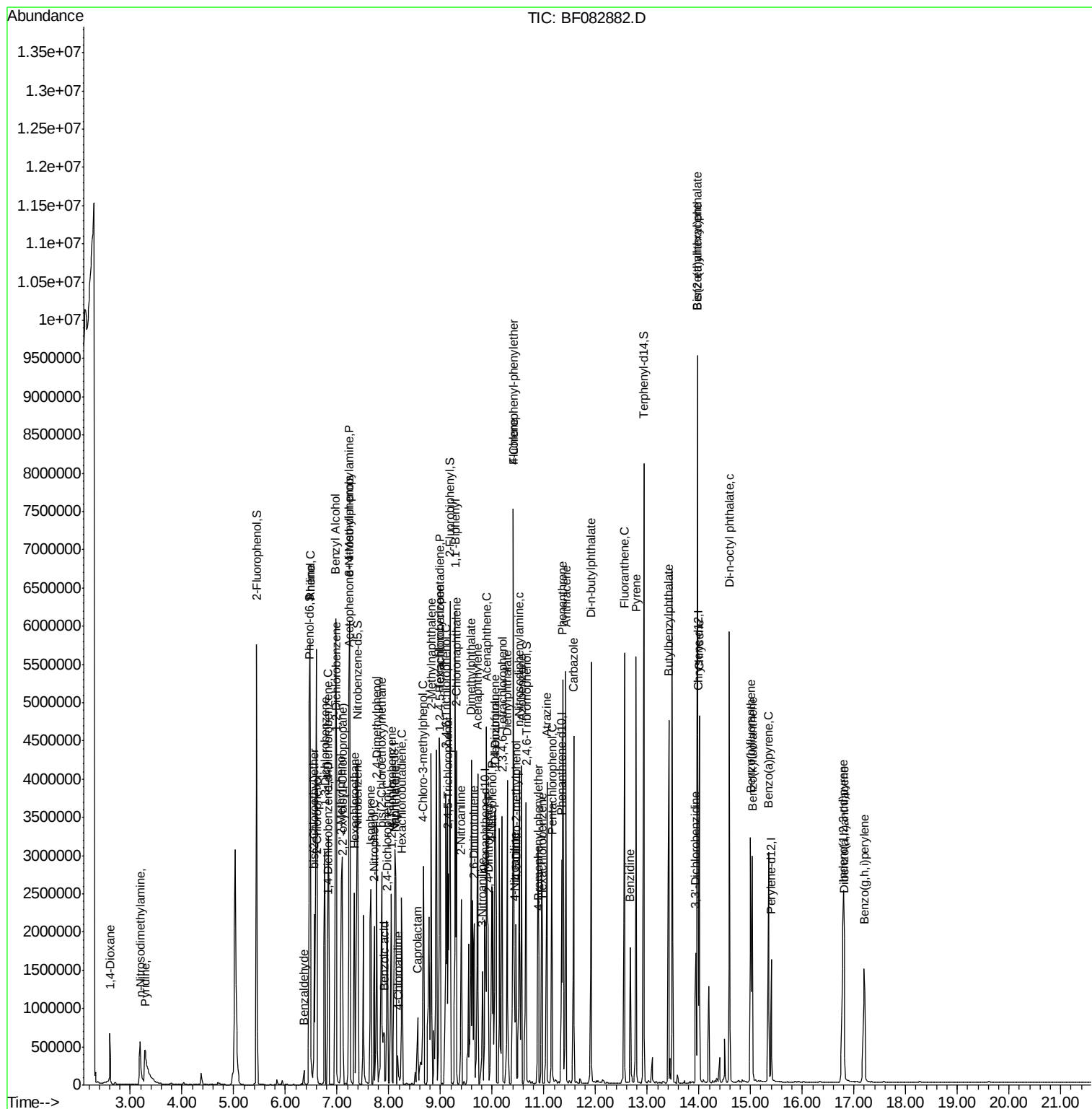
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	614763	43.72	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	451256	32.45	nq	95
45) 1,1'-Biphenyl	9.29	154	1885332	38.33	nq	97
46) 2-Chloronaphthalene	9.31	162	1493418	38.92	nq	98
47) 2-Nitroaniline	9.40	65	522727	36.72	nq	# 84
48) Acenaphthylene	9.72	152	2198099	36.55	nq	99
49) Dimethylphthalate	9.60	163	1868064	39.77	nq	99
50) 2,6-Dinitrotoluene	9.65	165	468781	46.78	nq	# 67
51) Acenaphthene	9.89	154	1607642	42.18	nq	97
52) 3-Nitroaniline	9.81	138	226548	20.55	nq	# 79
53) 2,4-Dinitrophenol	9.93	184	471574	85.71	nq	# 7
54) Dibenzofuran	10.06	168	2068258	40.25	nq	94
55) 4-Nitrophenol	10.00	139	698083	82.56	nq	# 78
56) 2,4-Dinitrotoluene	10.05	165	500194	36.79	nq	98
57) Fluorene	10.41	166	1480925	35.59	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	445493	39.25	nq	89
59) Diethylphthalate	10.29	149	1726237	37.64	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	851700	40.91	nq	97
61) 4-Nitroaniline	10.43	138	389458	35.14	nq	# 78
62) Azobenzene	10.57	77	2201894	44.70	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	304653	39.91	nq	88
65) n-Nitrosodiphenylamine	10.52	169	1423142	36.76	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	505771	39.20	nq	98
67) Hexachlorobenzene	10.97	284	555483	38.56	nq	# 55
68) Atrazine	11.06	200	523316	43.72	nq	97
69) Pentachlorophenol	11.16	266	656915	75.09	nq	99
70) Phenanthrene	11.37	178	2213473	35.57	nq	99
71) Anthracene	11.42	178	2527047	38.55	nq	99
72) Carbazole	11.57	167	1981647	34.54	nq	100
73) Di-n-butylphthalate	11.92	149	2694987	37.70	nq	98
74) Fluoranthene	12.56	202	2346462	35.14	nq	98
76) Benzidine	12.67	184	620551	22.22	nq	99
77) Pyrene	12.79	202	2496187	43.62	nq	99
79) Butylbenzylphthalate	13.41	149	1327515	52.51	nq	85
80) Benzo(a)anthracene	13.97	228	1977811	37.96	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	475110	25.65	nq	# 97
82) Chrysene	14.01	228	1757261	36.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1517260	43.85	nq	98
84) Di-n-octyl phthalate	14.59	149	2640002	45.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1637601	39.84	nq	# 94
87) Benzo(b)fluoranthene	15.00	252	1700667	37.80	nq	# 98
88) Benzo(k)fluoranthene	15.04	252	1653033m	41.42	nq	
89) Benzo(a)pyrene	15.35	252	1501219	38.52	nq	# 96
90) Dibenzo(a,h)anthracene	16.81	278	1394428	42.25	nq	100
91) Benzo(g,h,i)perylene	17.20	276	1361768	43.08	nq	# 93

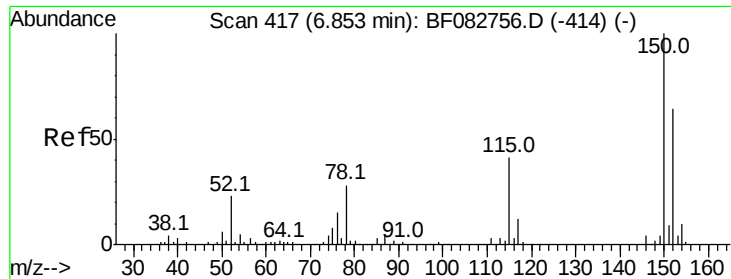
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

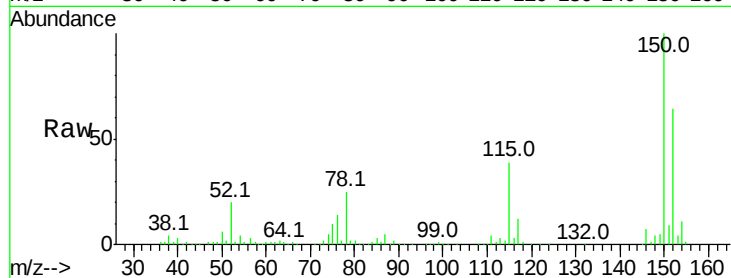
Tot Ion:152 Resp: 295150

Ion Ratio Lower Upper

152 100

150 155.3 127.0 190.4

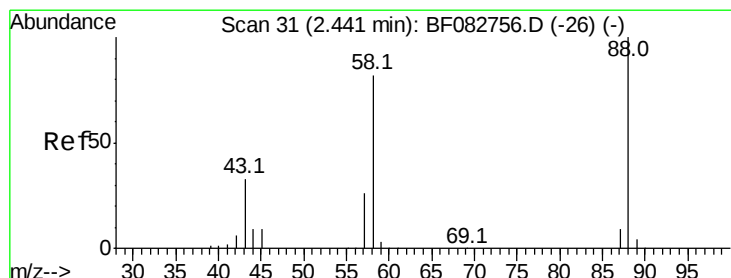
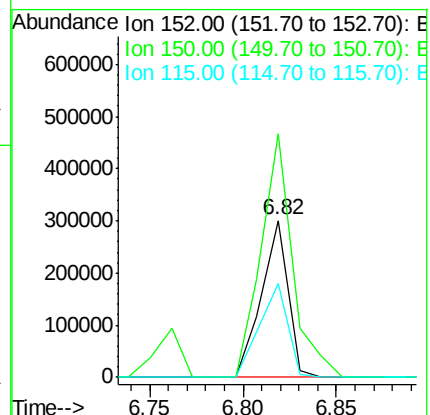
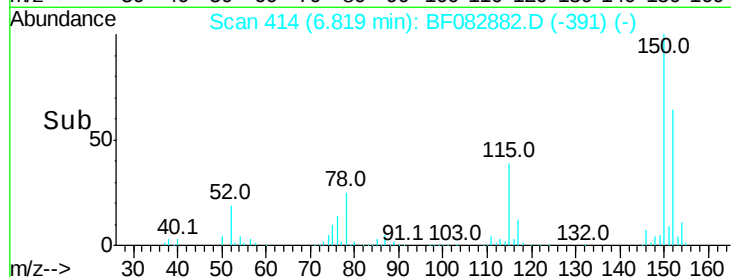
115 60.0 47.0 70.6



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: 35.09 ng

RT: 2.60 min Scan# 45

Delta R.T. 0.16 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

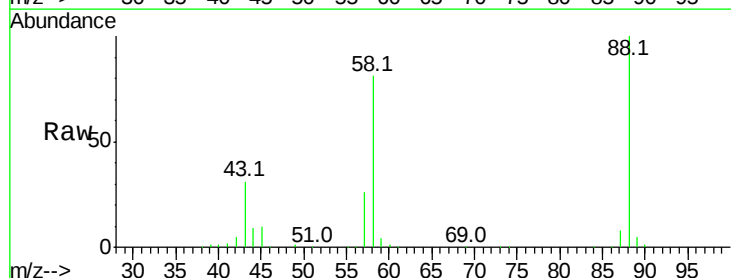
Tgt Ion: 88 Resp: 287187

Ion Ratio Lower Upper

88 100

58 79.7 62.0 93.0

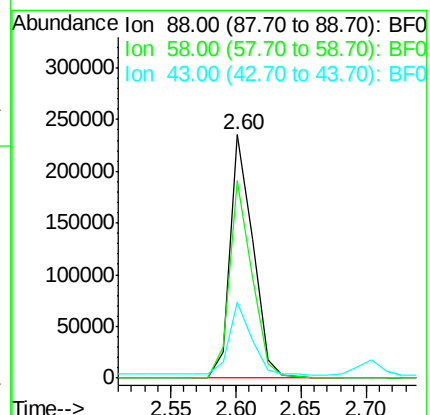
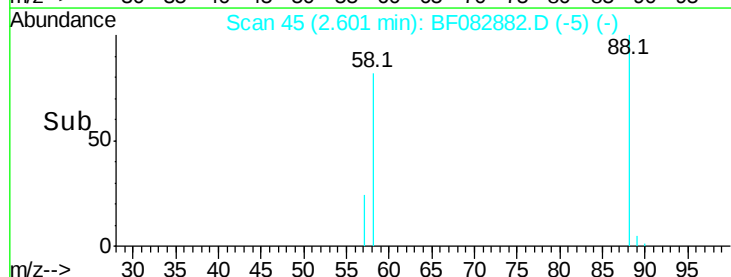
43 0.0 26.6 40.0#

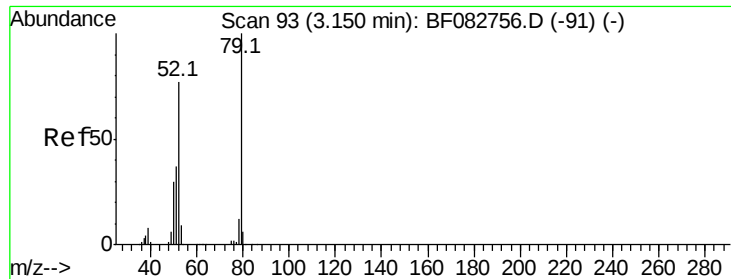


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.59 ng/ml

RT: 3.29 min Scan# 105

Delta R.T. 0.13 min

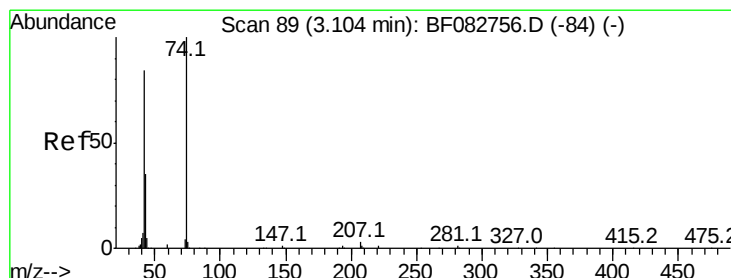
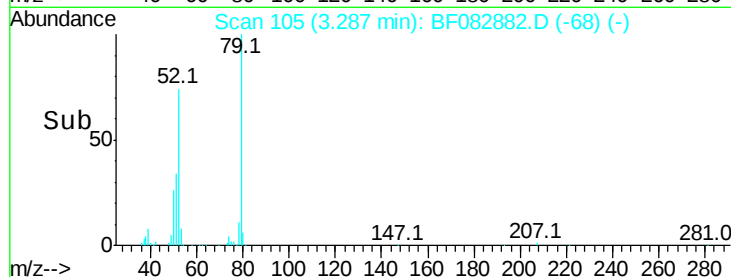
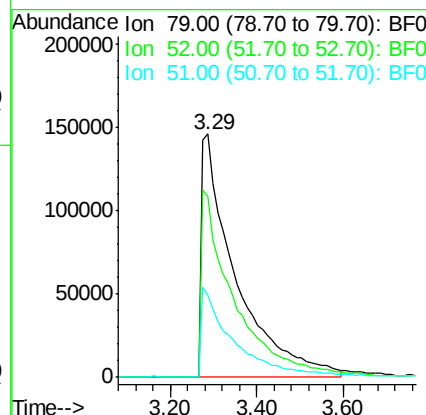
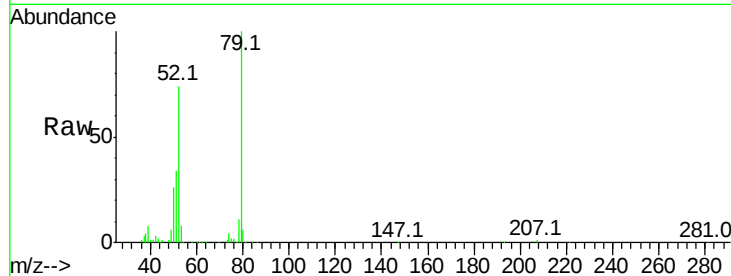
Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :
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Tot Ion: 79 Resp: 797768

Ion	Ratio	Lower	Upper
79	100		
52	74.2	62.8	94.2
51	34.0	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 33.80 ng/ml

RT: 3.20 min Scan# 97

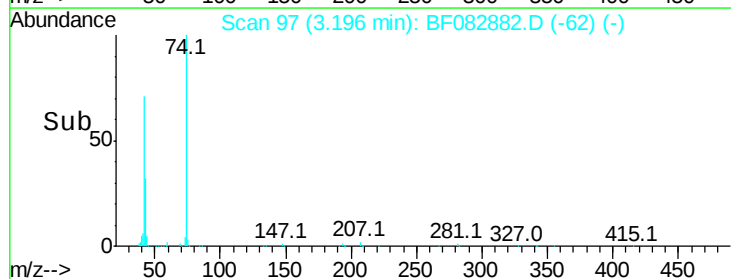
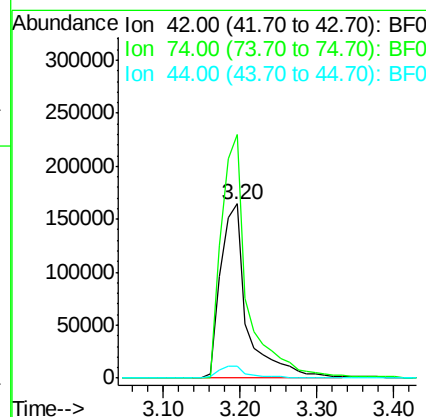
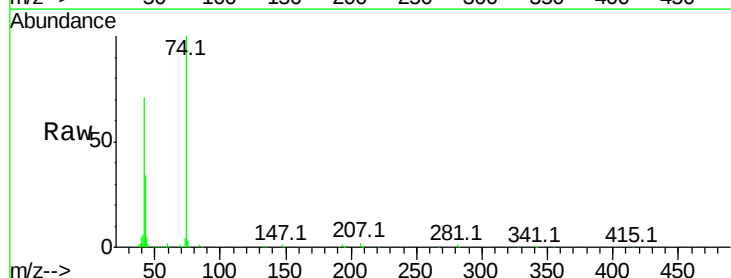
Delta R.T. 0.10 min

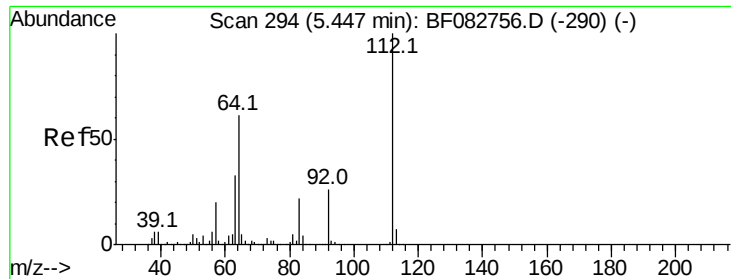
Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Tgt Ion: 42 Resp: 398164

Ion	Ratio	Lower	Upper
42	100		
74	140.0	87.0	130.4#
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 109.78 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

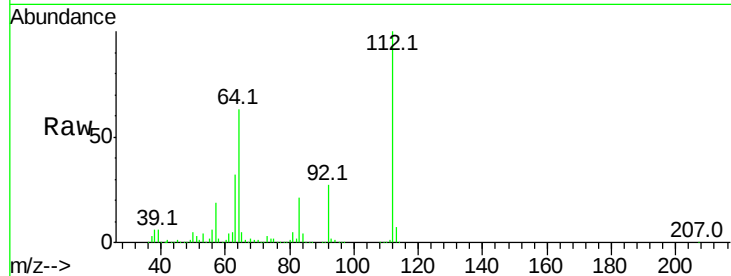
Tot Ion:112 Resp: 2082416

Ion Ratio Lower Upper

112 100

64 62.6 48.9 73.3

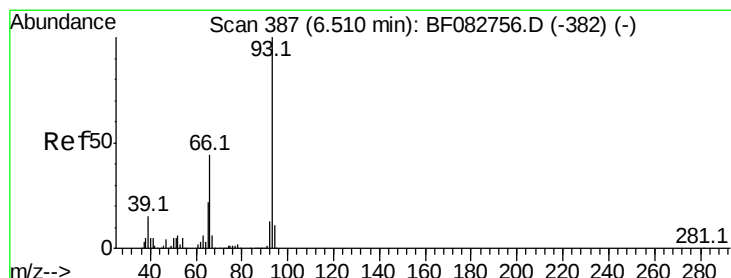
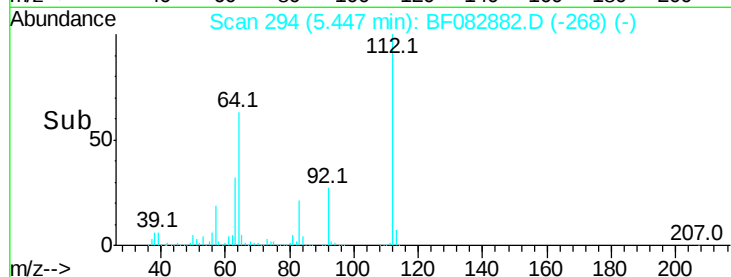
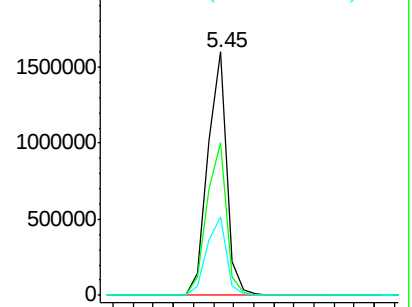
63 32.3 28.1 42.1



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: 14.09 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

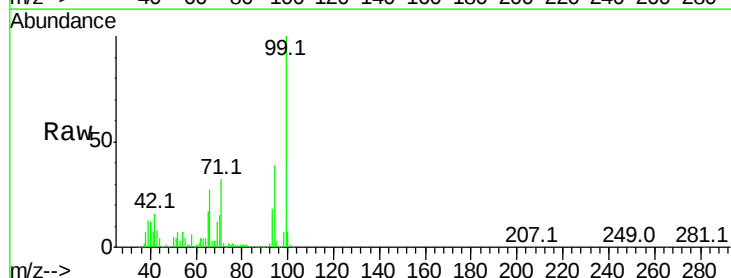
Tgt Ion: 93 Resp: 498804

Ion Ratio Lower Upper

93 100

66 150.9 33.6 50.4#

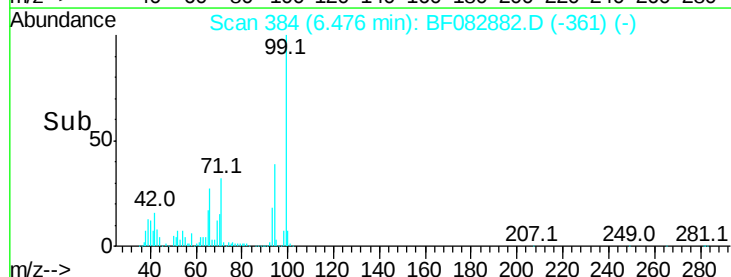
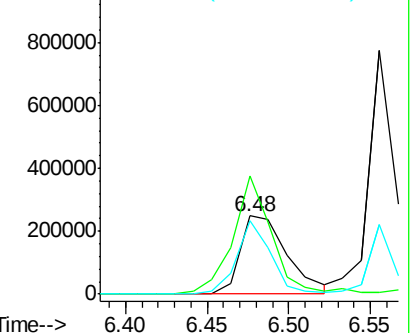
65 93.6 18.1 27.1#

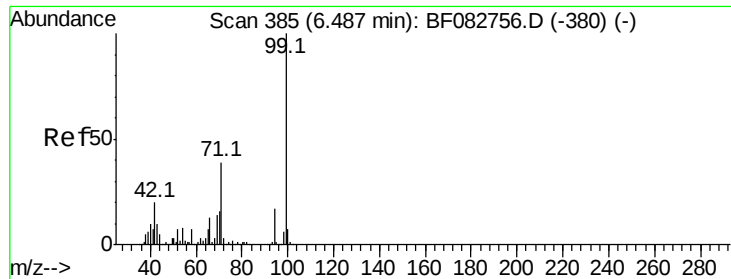


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.74 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

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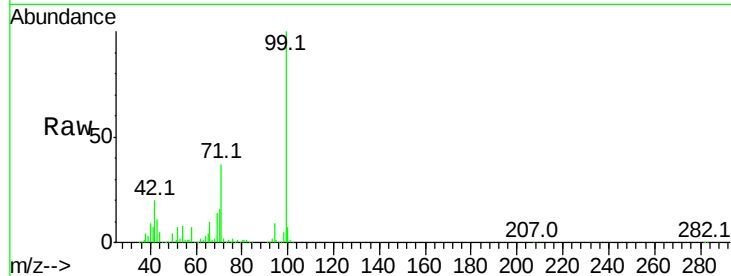
Tot Ion: 99 Resp: 2691692

Ion Ratio Lower Upper

99 100

42 19.8 19.2 28.8

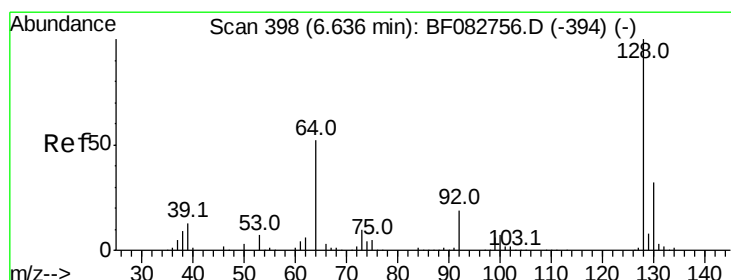
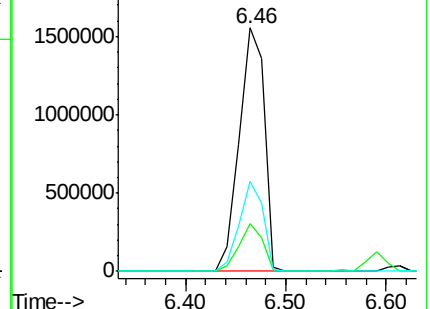
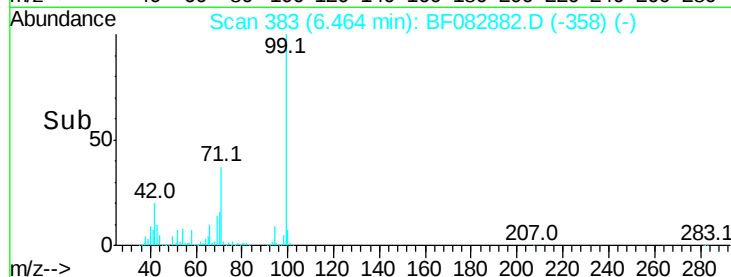
71 37.2 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.12 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

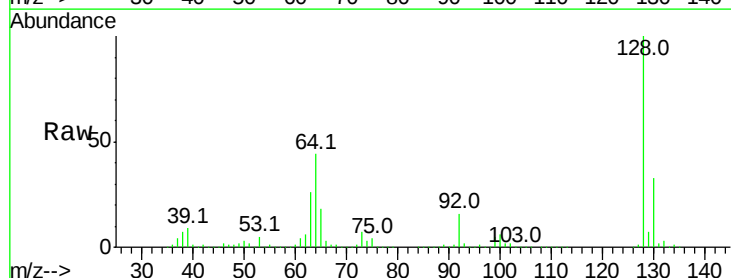
Tgt Ion: 128 Resp: 780514

Ion Ratio Lower Upper

128 100

130 33.4 13.5 53.5

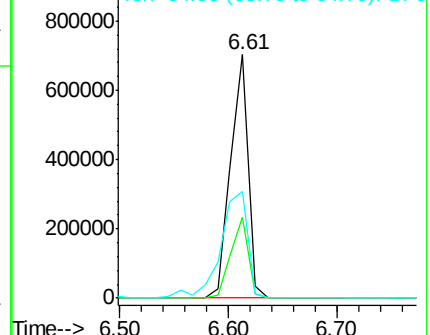
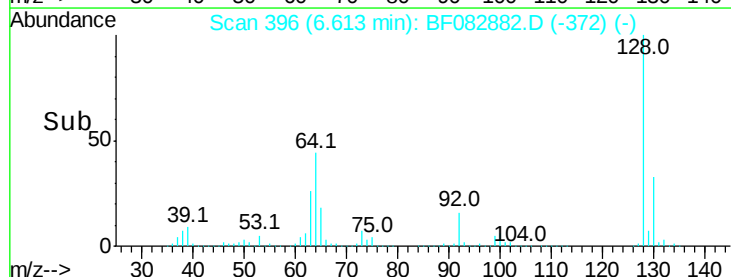
64 43.9 21.1 61.1

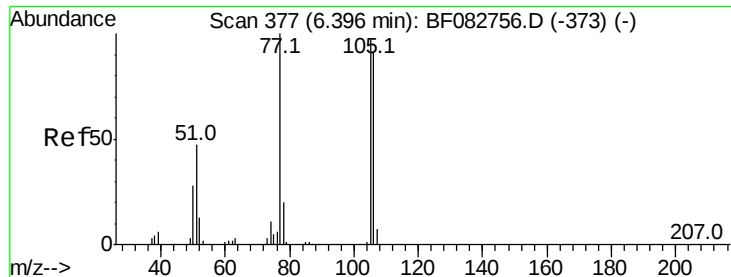


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.85 ng/mL

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

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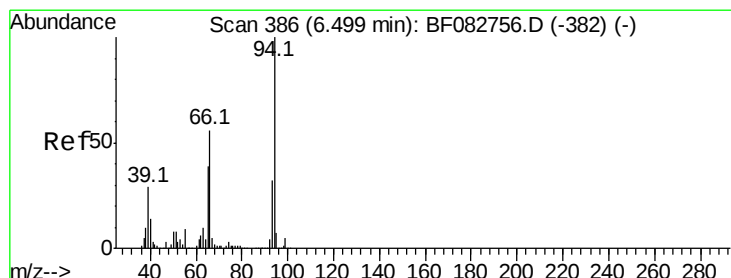
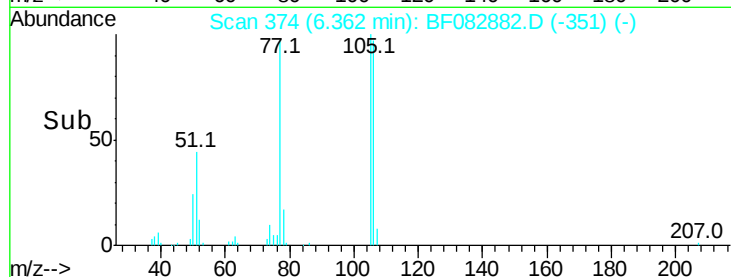
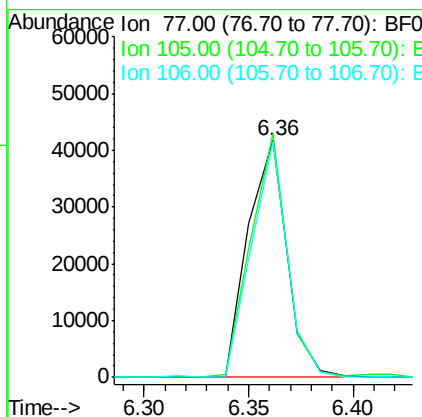
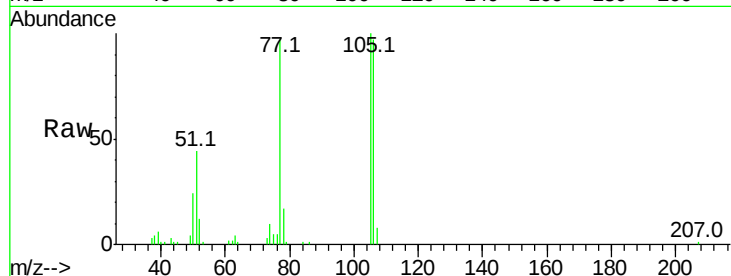
Tot Ion: 77 Resp: 53571

Ion Ratio Lower Upper

77 100

105 102.8 63.5 103.5

106 99.7 59.3 99.3#



#10

Phenol

Concen: 29.27 ng/mL

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

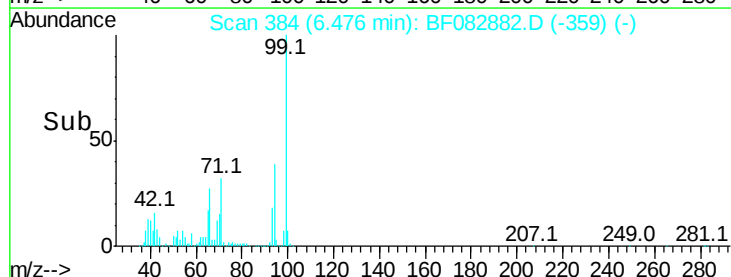
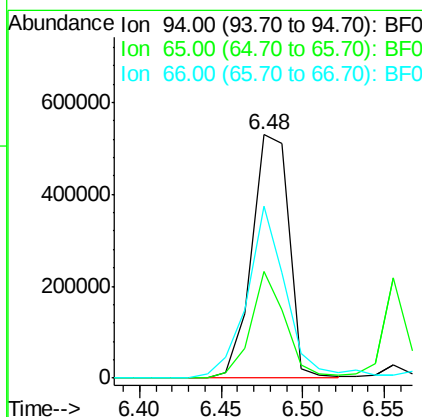
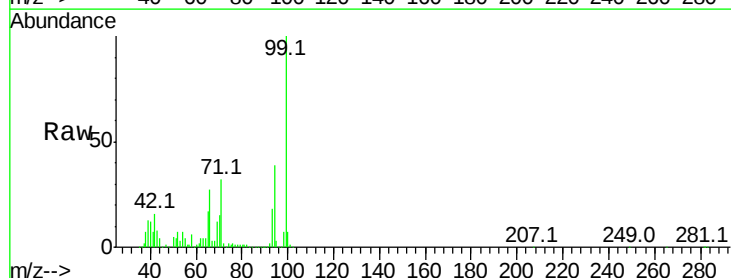
Tgt Ion: 94 Resp: 837572

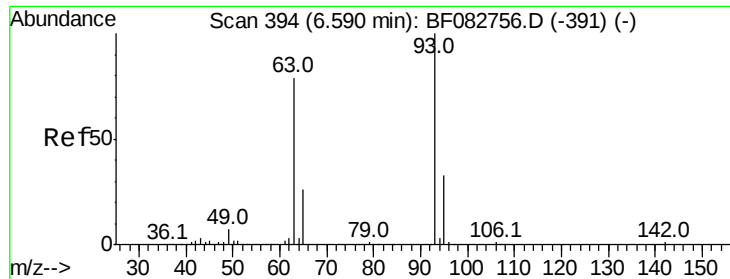
Ion Ratio Lower Upper

94 100

65 43.8 18.9 58.9

66 70.6 34.9 74.9

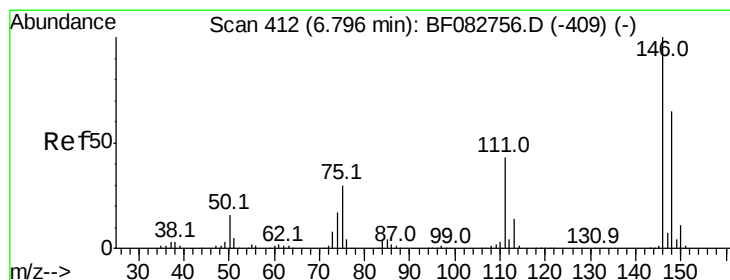
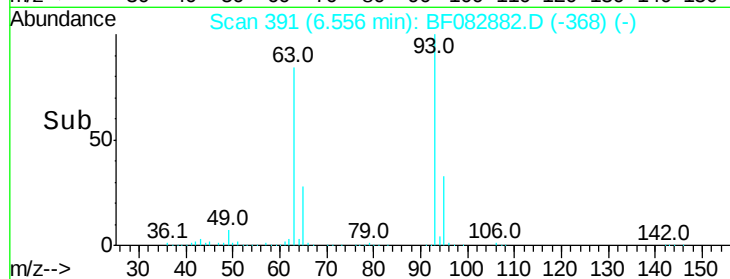
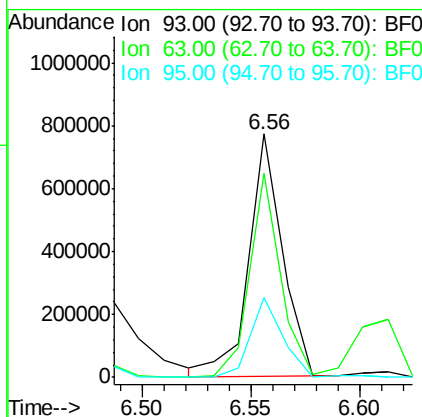
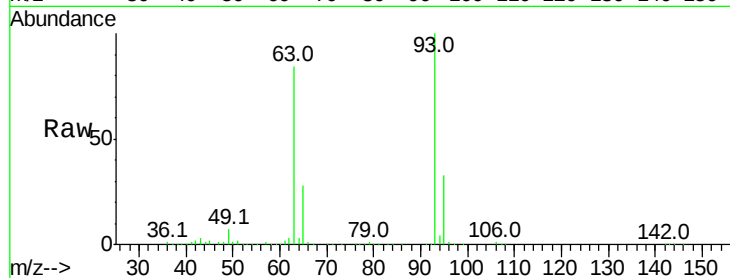




#11
 bis(2-Chloroethyl)ether
 Concen: 38.39 ng
 RT: 6.56 min Scan# 391
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

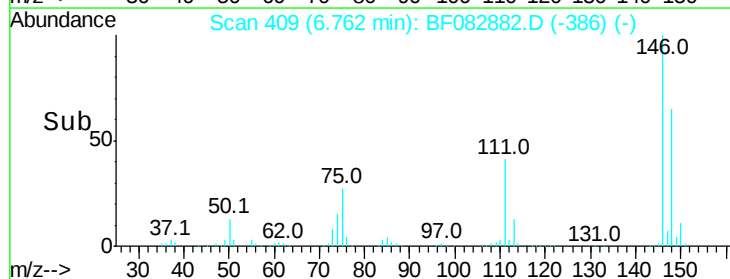
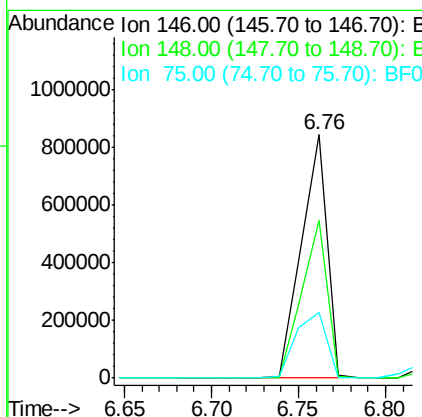
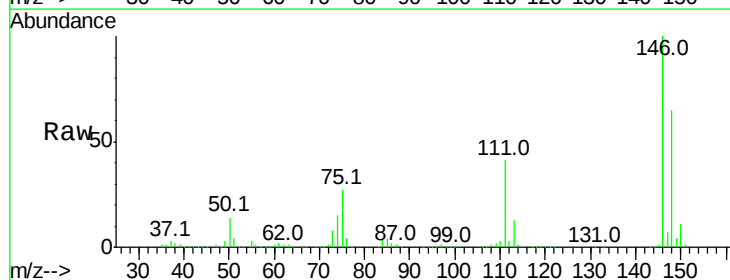
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

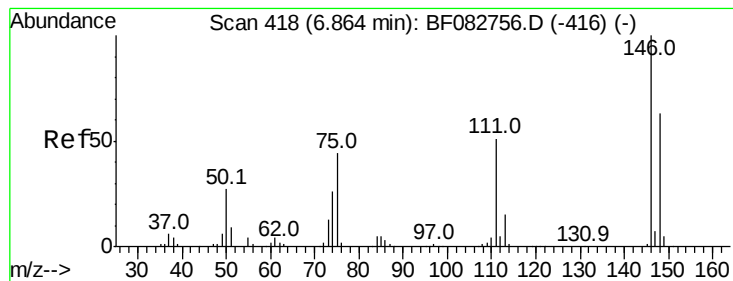
Tot Ion:	93	Resp:	821578
Ion	Ratio	Lower	Upper
93	100		
63	83.9	72.7	112.7
95	32.7	12.0	52.0



#12
 1,3-Dichlorobenzene
 Concen: 36.53 ng m
 RT: 6.76 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:	146	Resp:	866319
Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
75	26.9	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 32.87 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

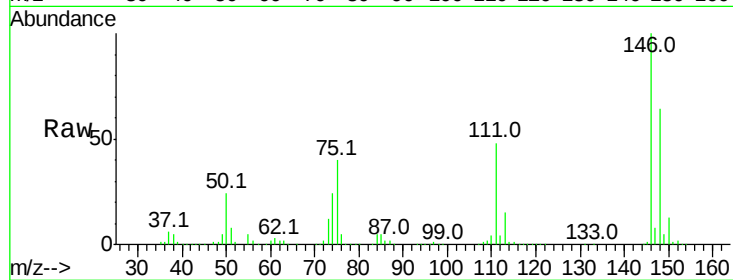
Tot Ion:146 Resp: 811174

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

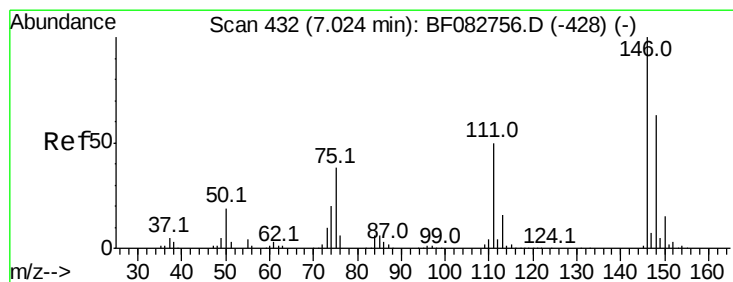
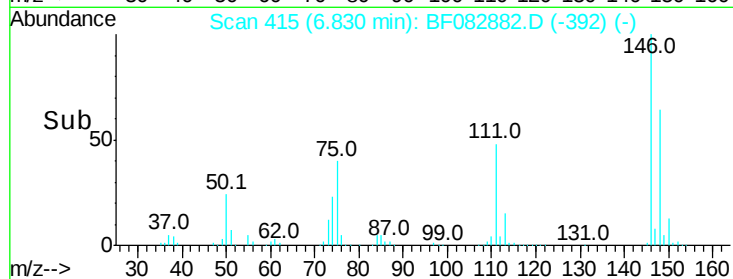
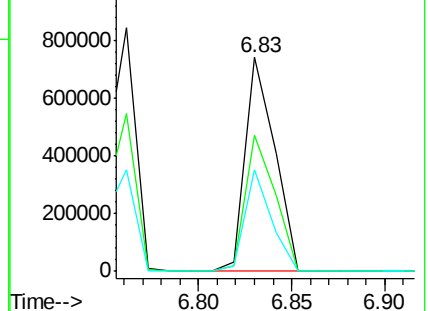
111 47.5 40.6 60.8



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: 36.30 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

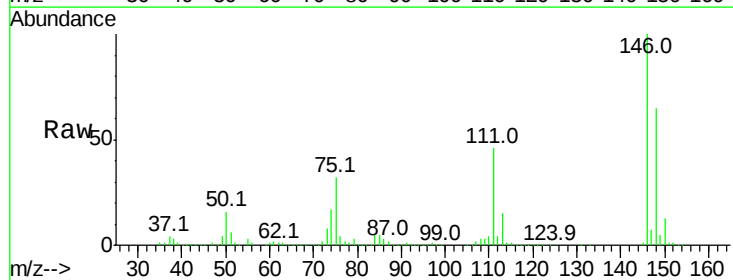
Tgt Ion:146 Resp: 814473

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

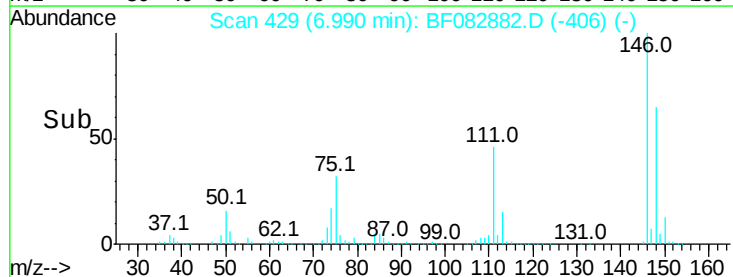
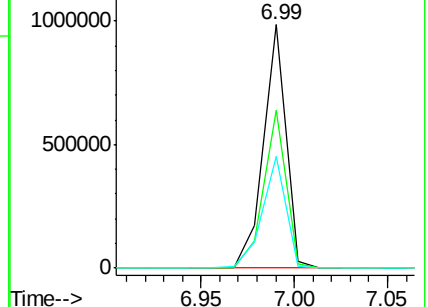
111 46.0 36.6 55.0

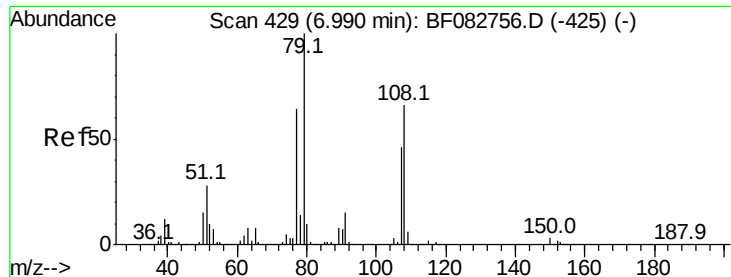


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.32 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

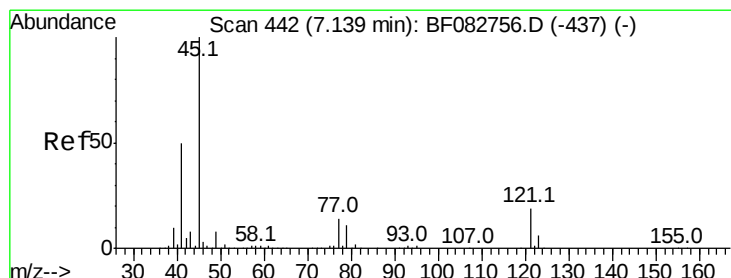
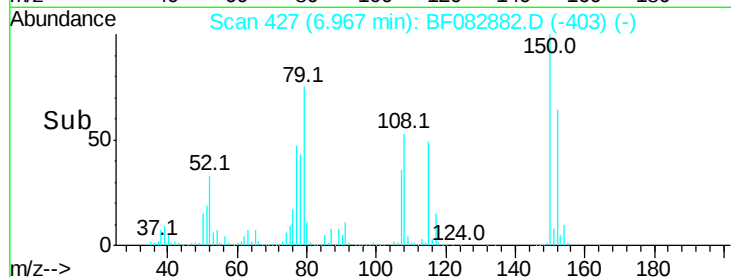
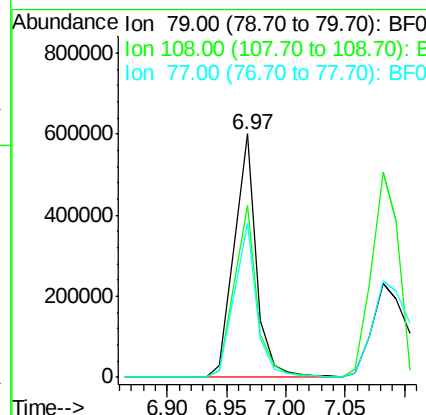
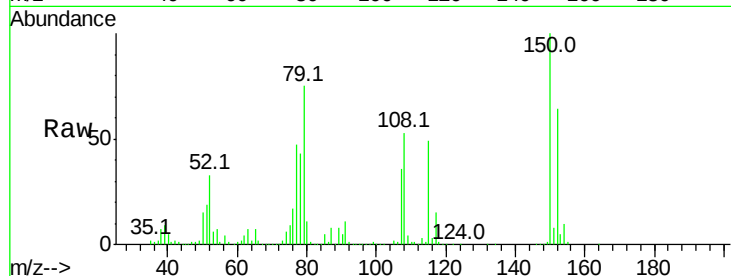
Tot Ion: 79 Resp: 782197

Ion Ratio Lower Upper

79 100

108 70.8 52.2 78.4

77 63.3 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.88 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

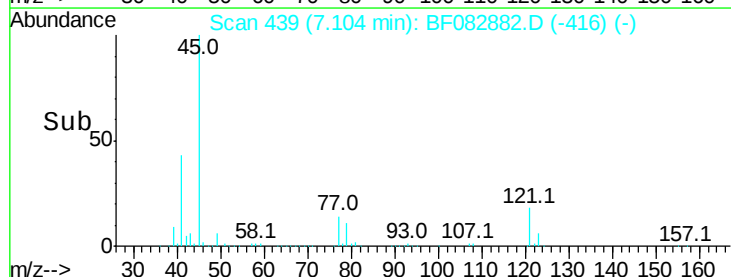
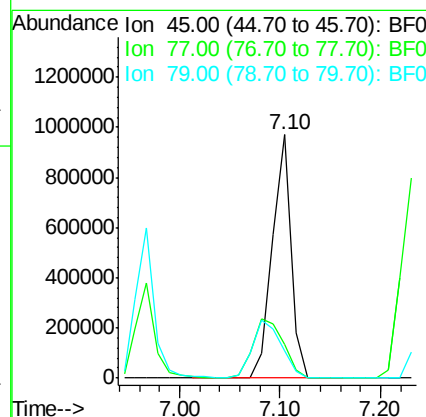
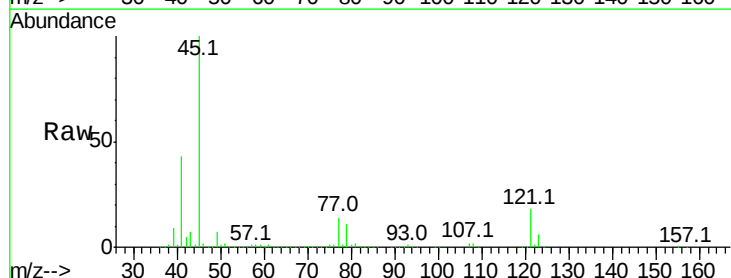
Tgt Ion: 45 Resp: 1251760

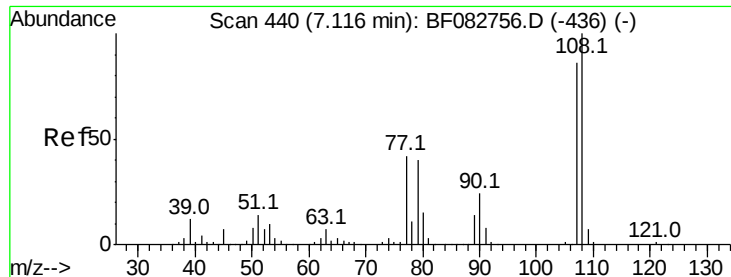
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.6

79 11.2 0.0 29.2

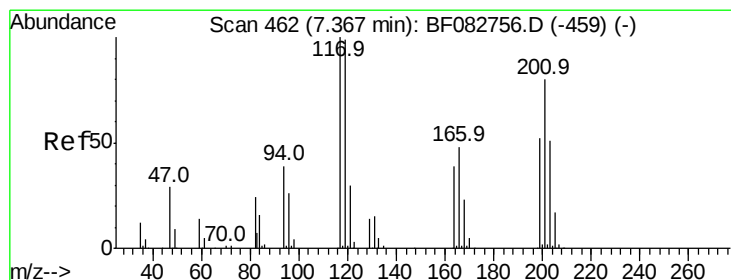
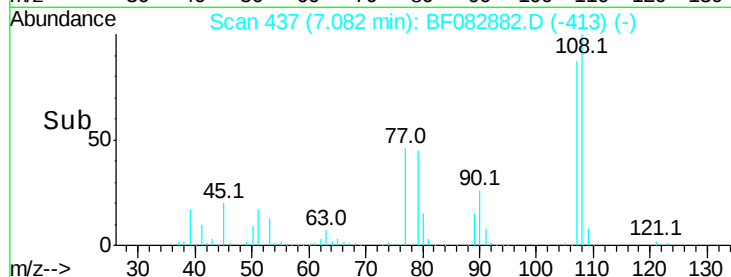
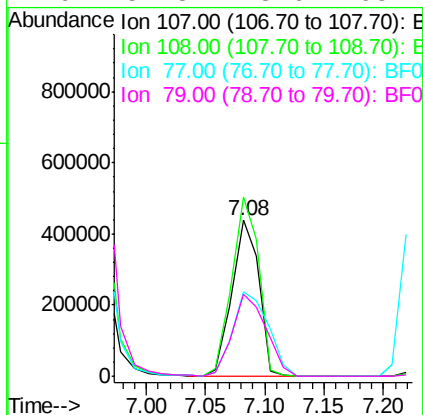
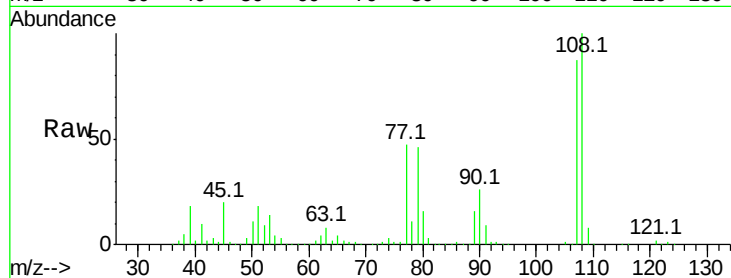




#17
2-Methylphenol
Concen: 38.66 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

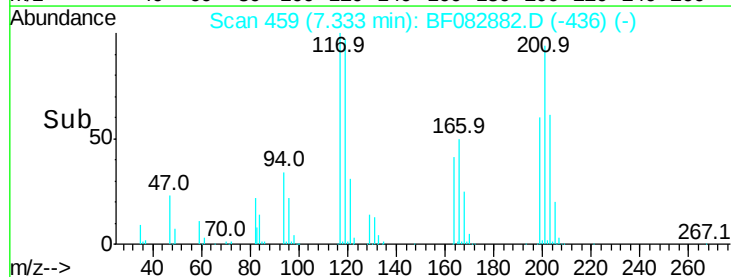
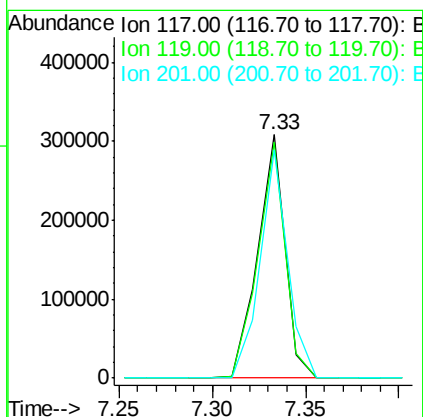
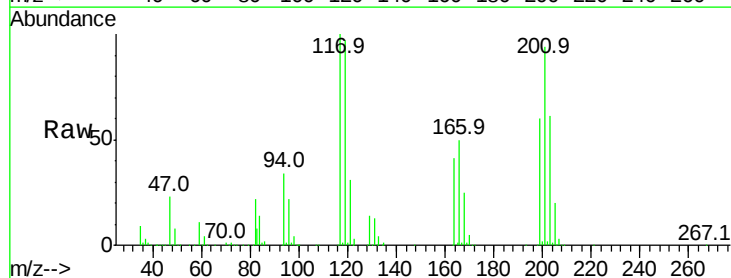
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMS

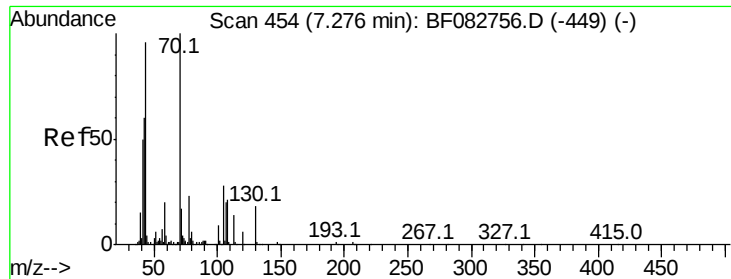
Tot Ion:	107	Resp:	688520
Ion	Ratio	Lower	Upper
107	100		
108	115.6	93.0	139.4
77	54.5	44.1	66.1
79	52.8	43.6	65.4



#18
Hexachloroethane
Concen: 35.14 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.03 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Tgt Ion:	117	Resp:	310153
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.7	116.5
201	93.8	66.7	100.1

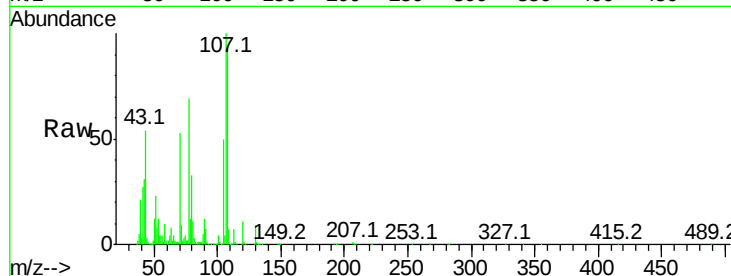




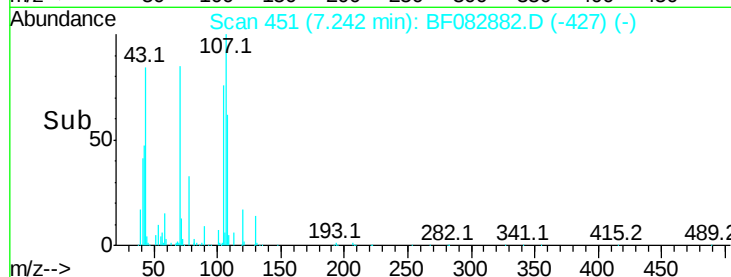
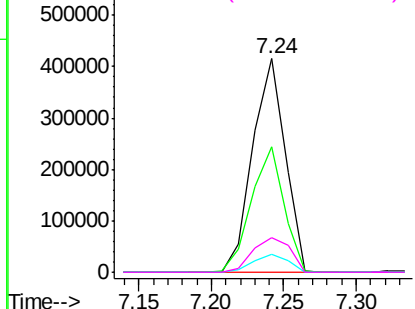
#19
n-Nitroso-di-n-propylamine
Concen: 34.99 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMS

Tot Ion: 70 Resp: 648605
Ion Ratio Lower Upper
70 100
42 58.9 57.7 86.5
101 8.4 7.0 10.6
130 16.0 11.8 17.6



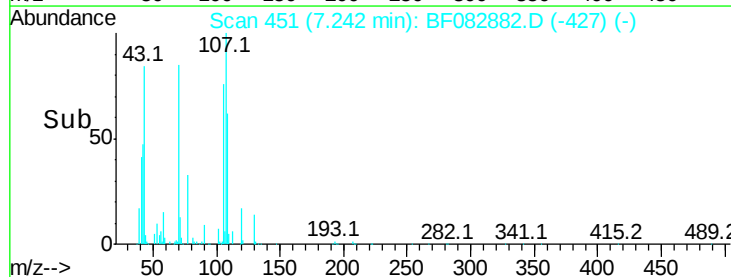
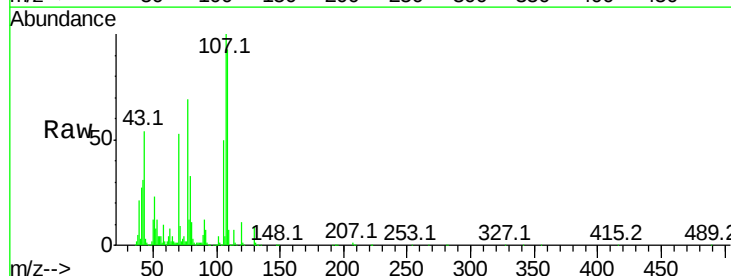
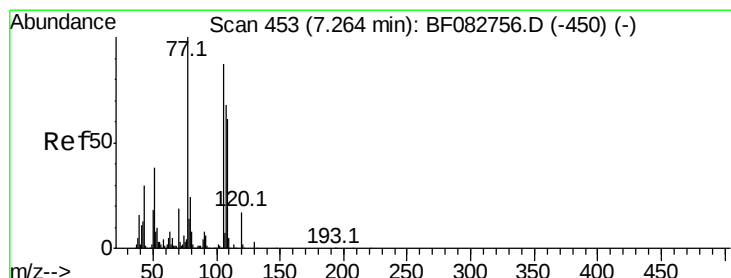
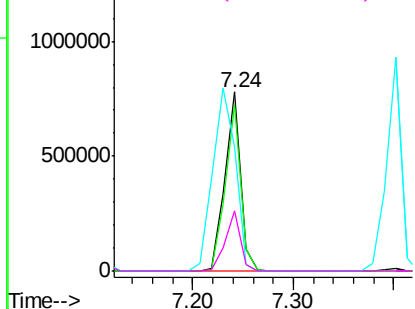
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

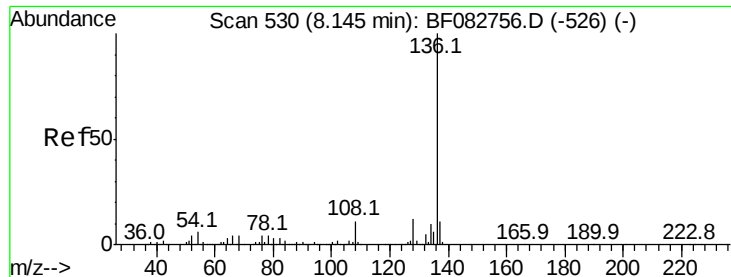


#20
3+4-Methylphenols
Concen: 36.23 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Tgt Ion:107 Resp: 839074
Ion Ratio Lower Upper
107 100
108 93.4 67.3 107.3
77 69.4 100.3 140.3#
79 33.4 16.2 56.2

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

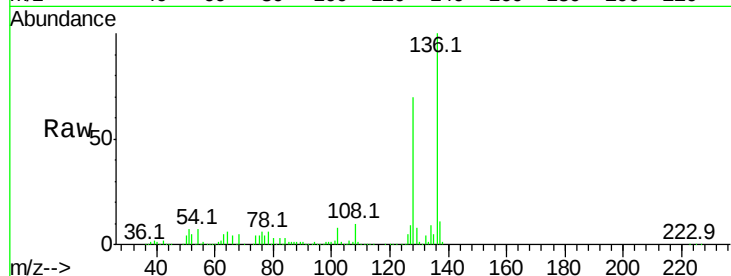
ClientSampleId :

LAR9862-AMS

Tot Ion:136 Resp: 1165019

Ion Ratio Lower Upper

136	100		
137	10.7	9.1	13.7
54	6.8	9.1	13.7#
68	5.2	4.8	7.2

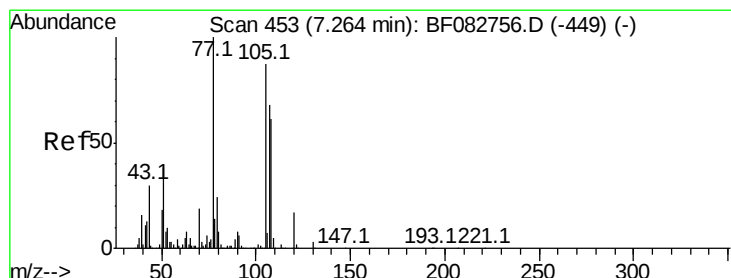
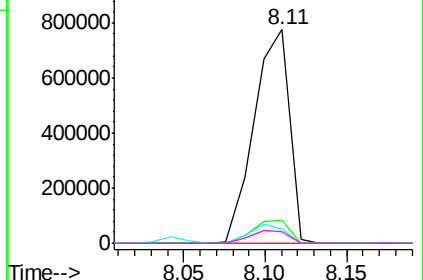
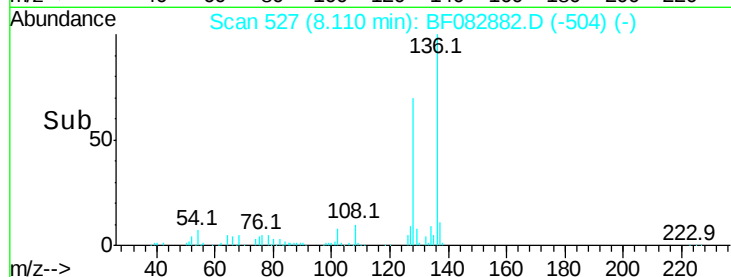


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.02 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

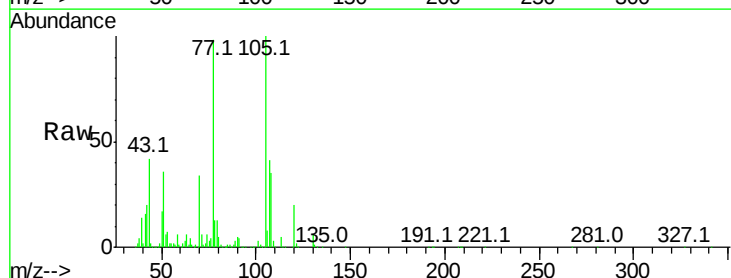
Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Tgt Ion:105 Resp: 1168952

Ion Ratio Lower Upper

105	100		
71	5.7	5.6	8.4
51	36.1	24.9	37.3
120	20.3	15.8	23.8

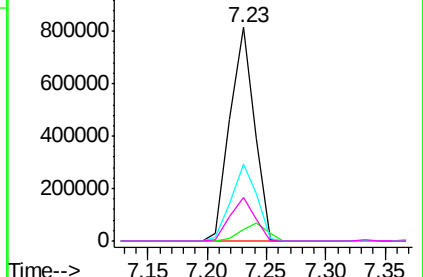
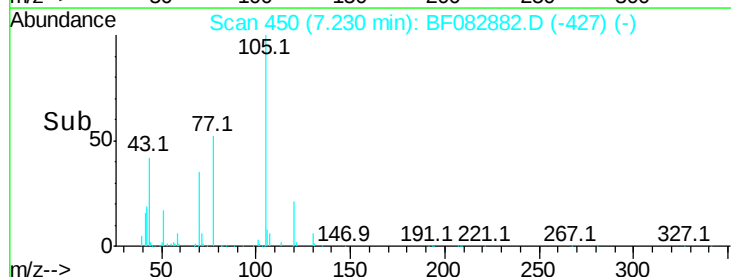


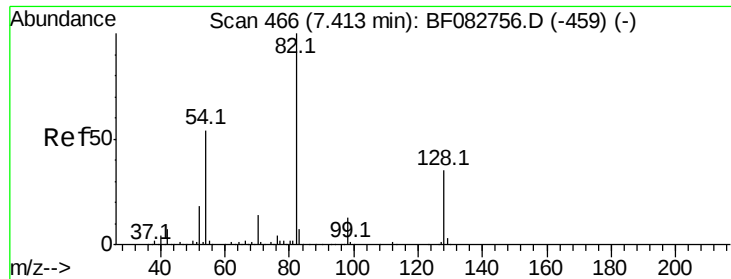
Abundance Ion 105.00 (104.70 to 105.70): E

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

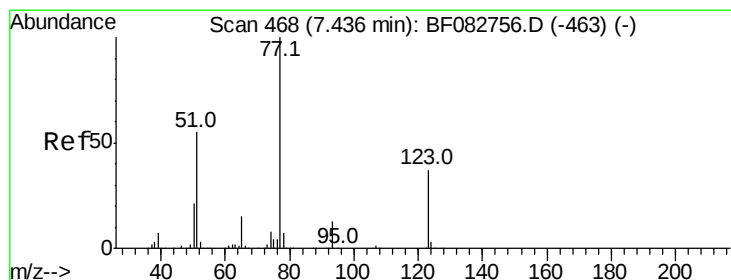
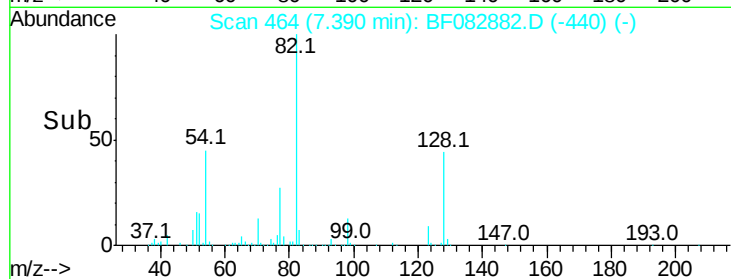
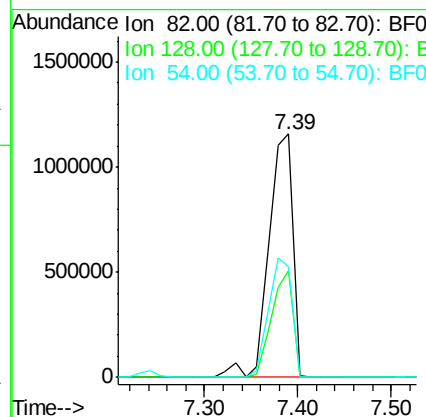
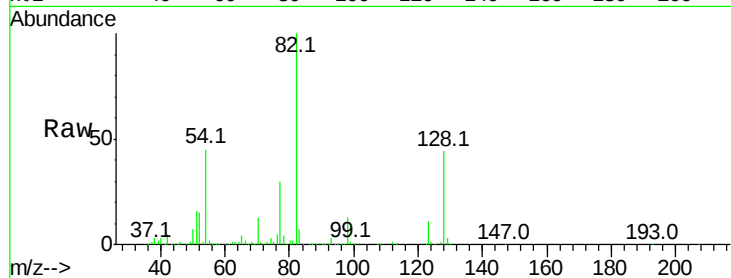




#23
 Nitrobenzene-d5
 Concen: 77.29 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

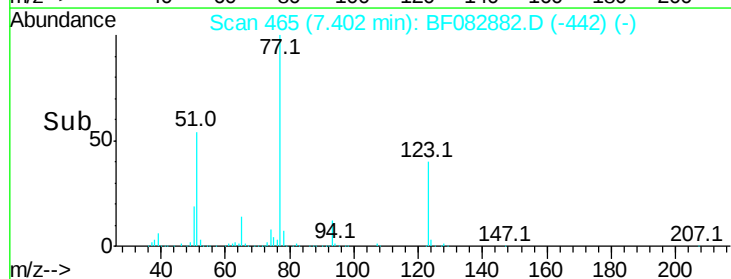
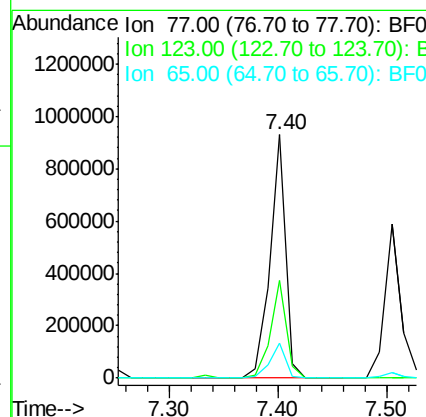
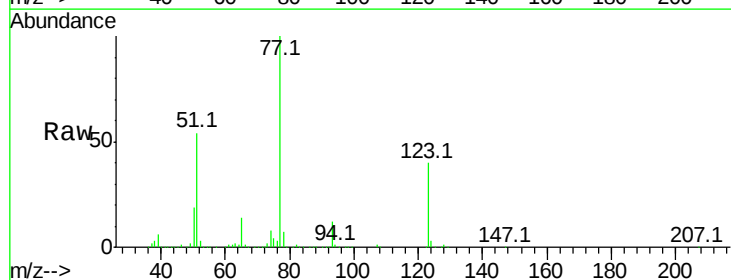
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

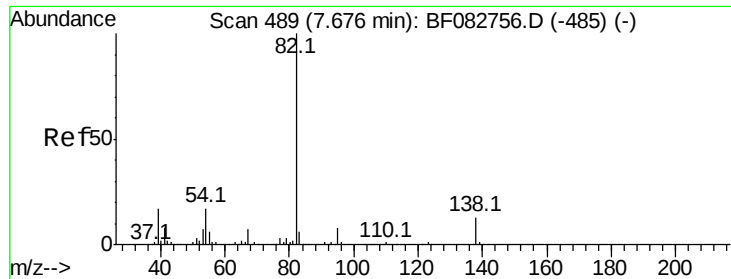
Tot Ion: 82 Resp: 2069525
 Ion Ratio Lower Upper
 82 100
 128 44.0 26.8 40.2#
 54 45.3 45.7 68.5#



#24
 Nitrobenzene
 Concen: 34.28 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion: 77 Resp: 938482
 Ion Ratio Lower Upper
 77 100
 123 40.0 36.4 54.6
 65 14.5 11.5 17.3





#25

Isophorone

Concen: 37.25 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

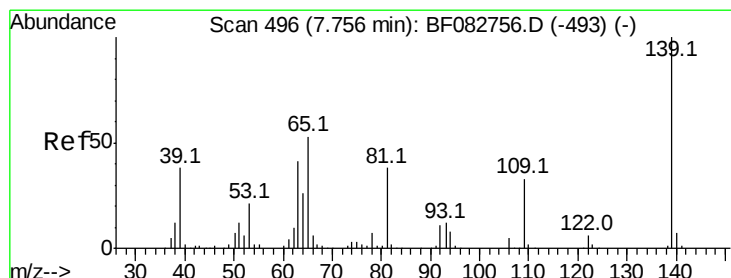
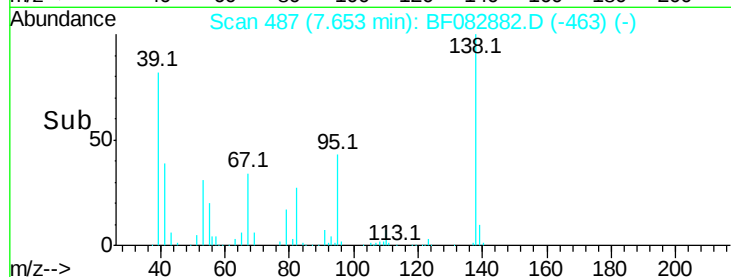
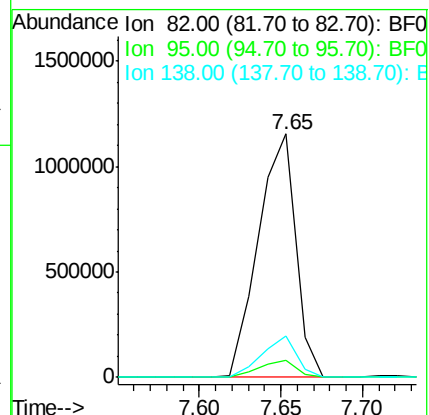
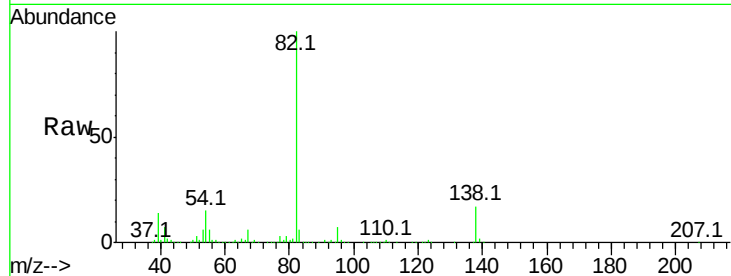
Tot Ion: 82 Resp: 1845171

Ion Ratio Lower Upper

82 100

95 7.2 6.6 9.8

138 16.7 11.4 17.0



#26

2-Nitrophenol

Concen: 39.43 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

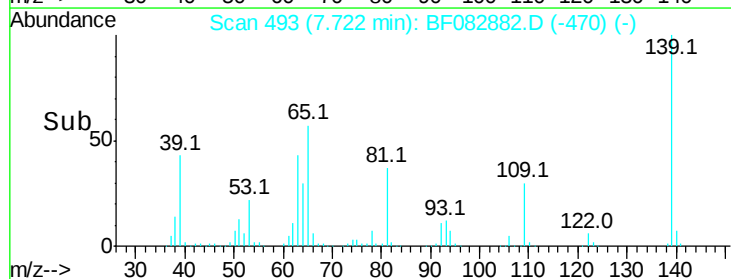
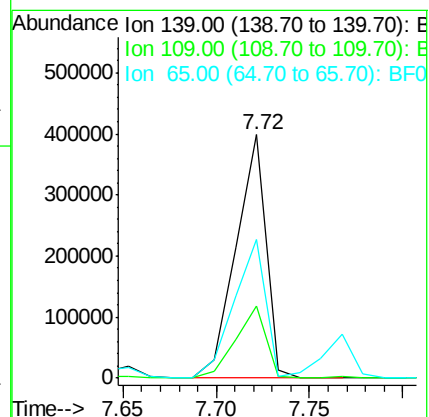
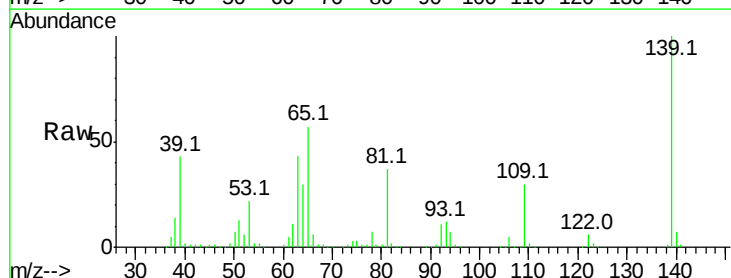
Tgt Ion: 139 Resp: 450594

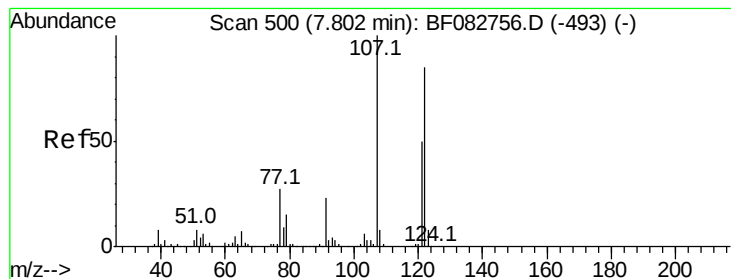
Ion Ratio Lower Upper

139 100

109 29.8 37.6 56.4#

65 56.7 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 36.22 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

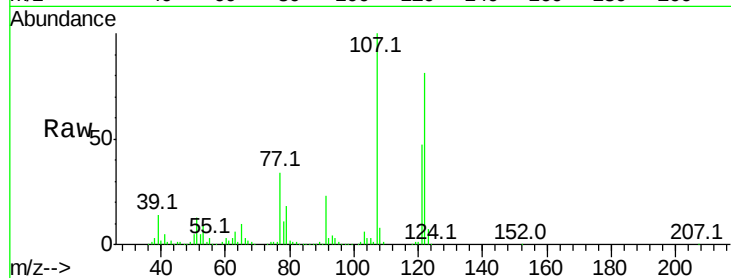
Tot Ion:122 Resp: 743813

Ion Ratio Lower Upper

122 100

107 123.4 106.0 159.0

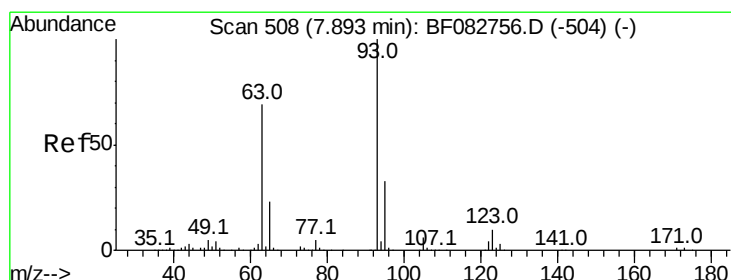
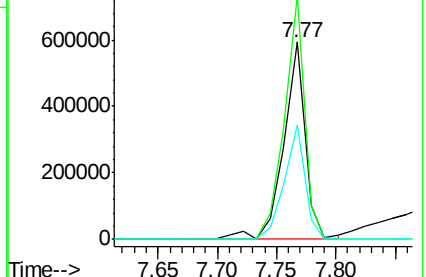
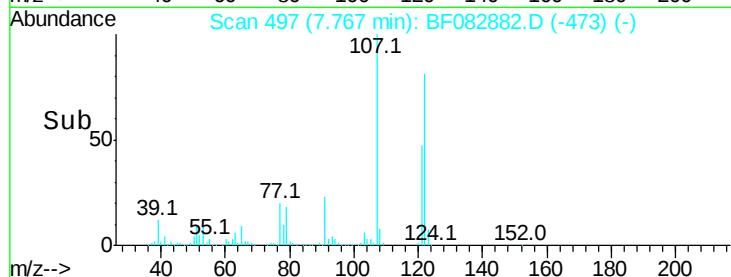
121 58.1 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.90 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

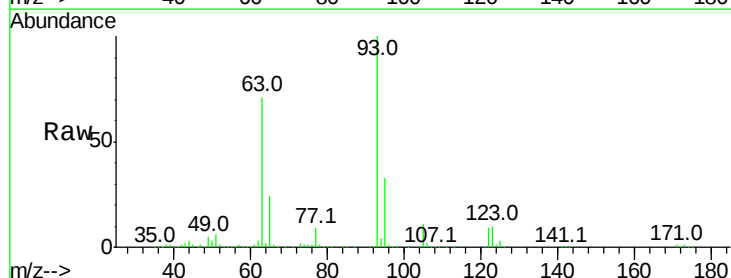
Tgt Ion: 93 Resp: 1059192

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

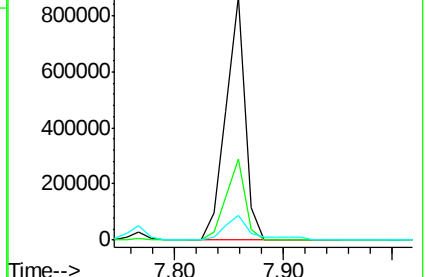
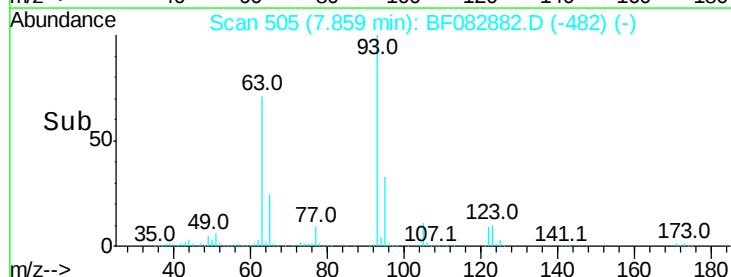
123 10.2 9.7 14.5

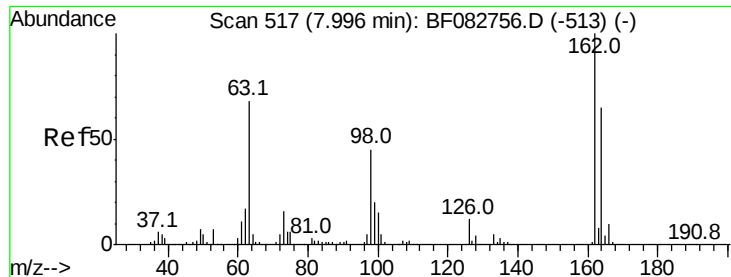


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.25 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

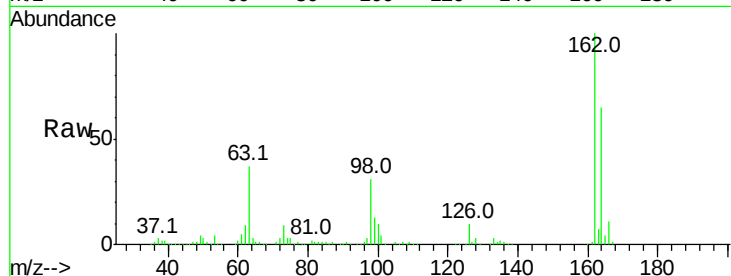
Tot Ion:162 Resp: 746978

Ion Ratio Lower Upper

162 100

164 65.4 46.8 86.8

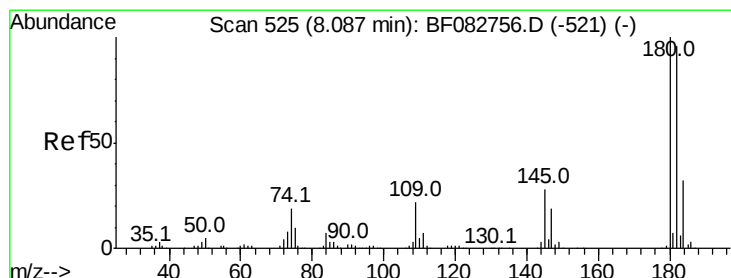
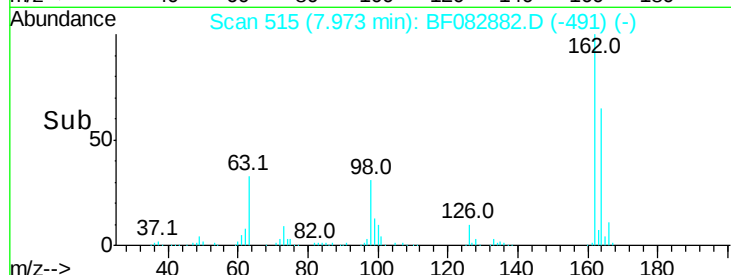
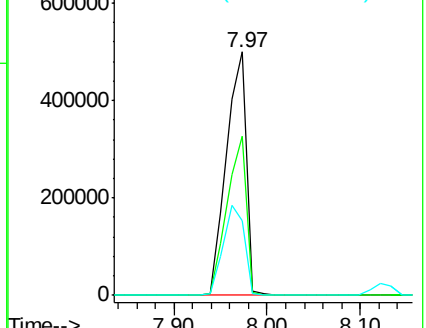
98 30.9 12.5 52.5



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: 37.32 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

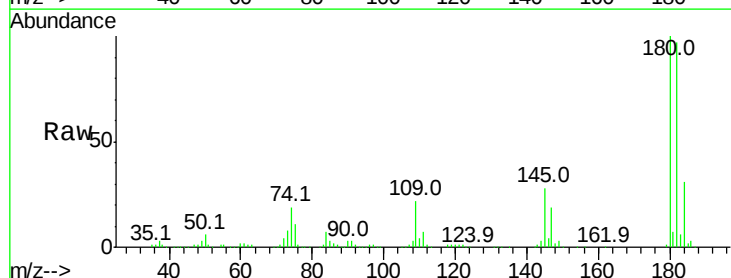
Tgt Ion:180 Resp: 778946

Ion Ratio Lower Upper

180 100

182 97.2 74.9 112.3

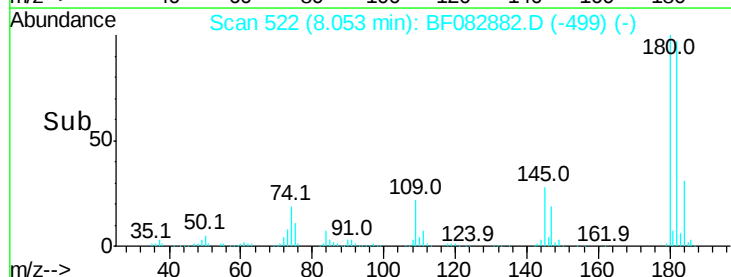
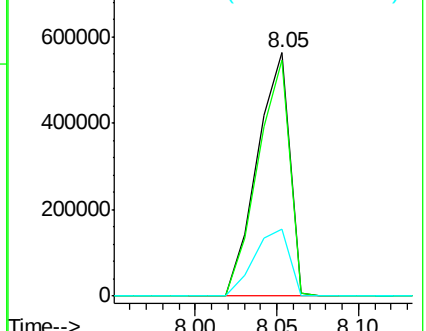
145 27.6 27.8 41.8#

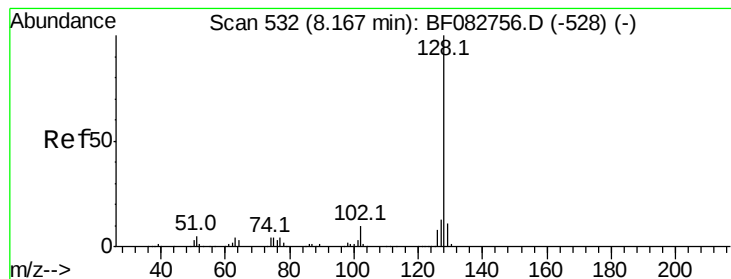


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.98 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

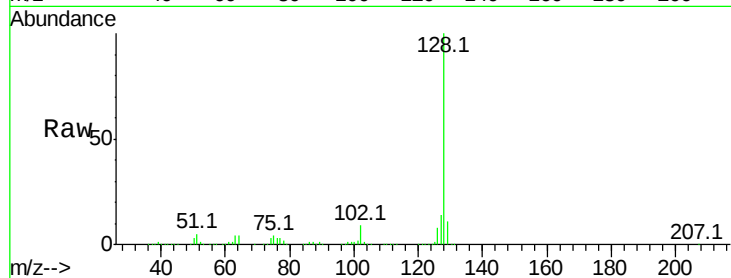
Tot Ion:128 Resp: 2312786

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

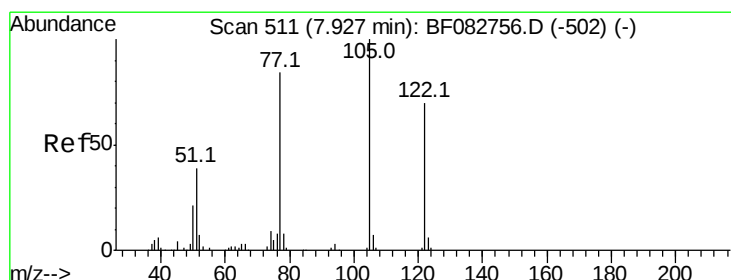
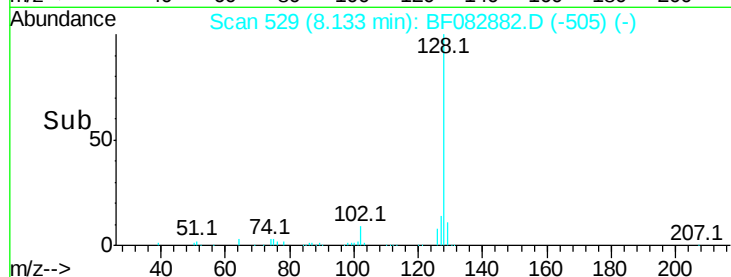
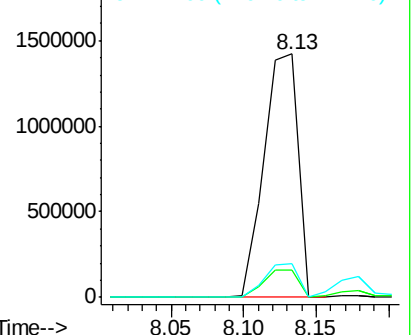
127 13.8 11.4 17.0



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: 40.81 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

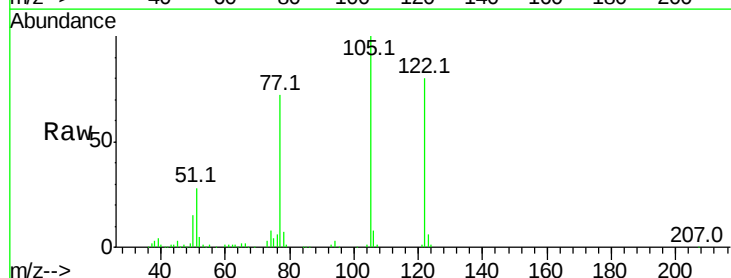
Tgt Ion:122 Resp: 573755

Ion Ratio Lower Upper

122 100

105 125.6 122.6 162.6

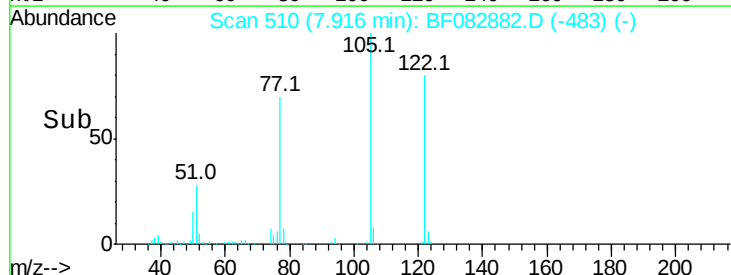
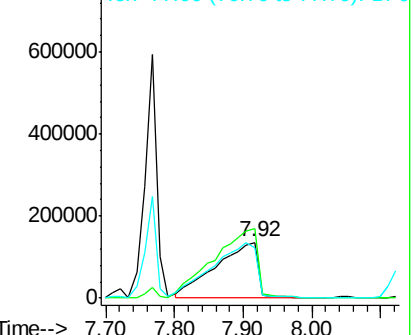
77 89.8 100.9 140.9#

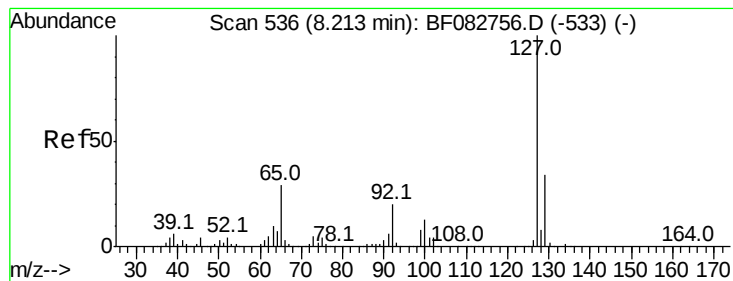


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.80 ng/mL

RT: 8.18 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

Tot Ion:127 Resp: 216086

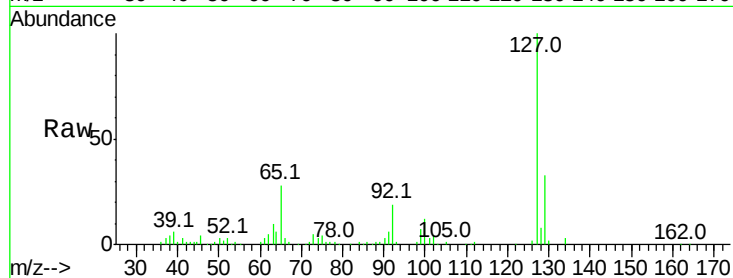
Ion Ratio Lower Upper

127 100

129 33.1 26.3 39.5

65 27.7 37.8 56.8#

92 18.5 20.6 31.0#

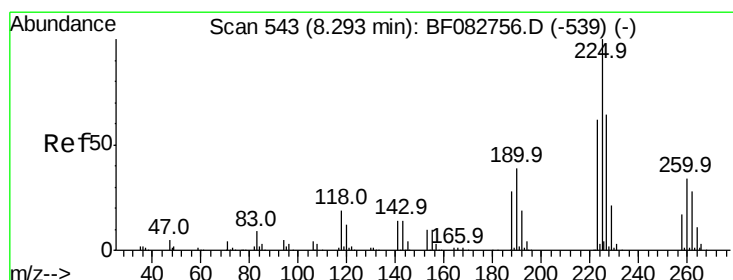
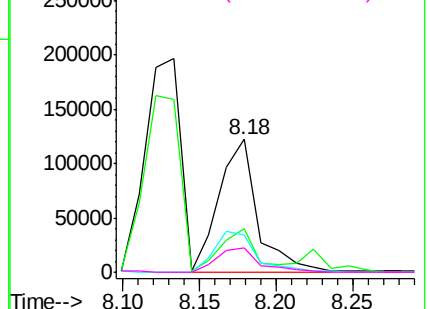
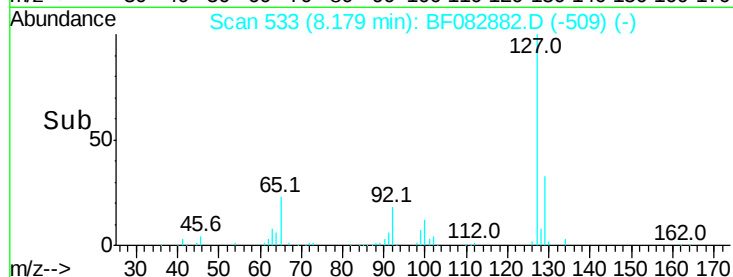


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.92 ng/mL

RT: 8.25 min Scan# 539

Delta R.T. -0.05 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

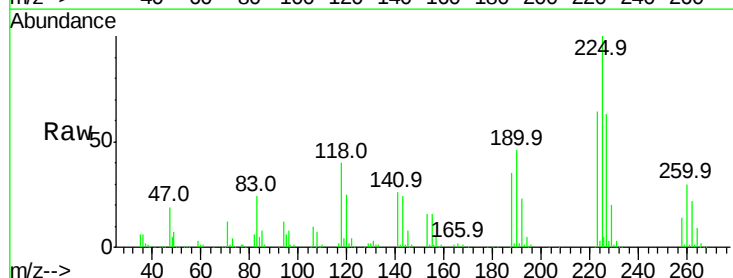
Tgt Ion:225 Resp: 443052

Ion Ratio Lower Upper

225 100

223 64.0 50.5 75.7

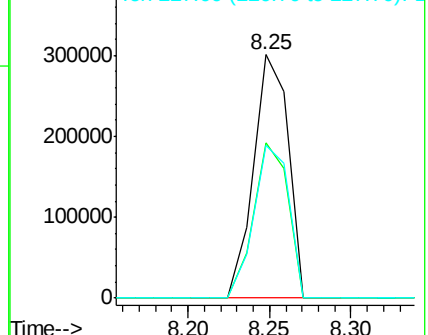
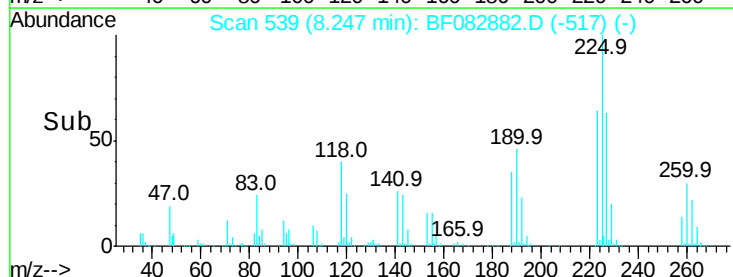
227 62.5 50.2 75.2

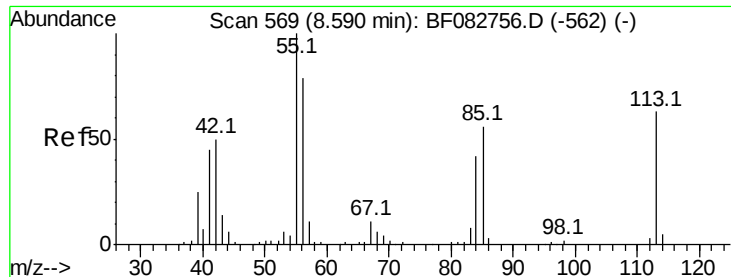


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.24 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

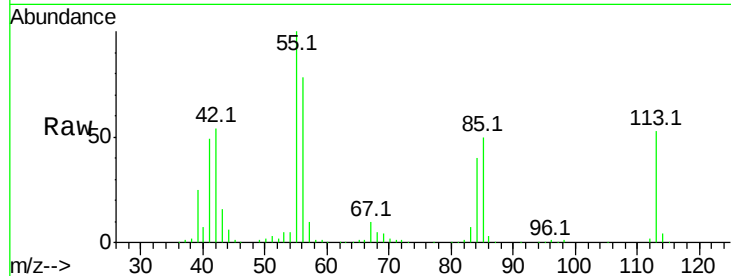
Tot Ion:113 Resp: 258835

Ion Ratio Lower Upper

113 100

55 188.8 195.5 235.5#

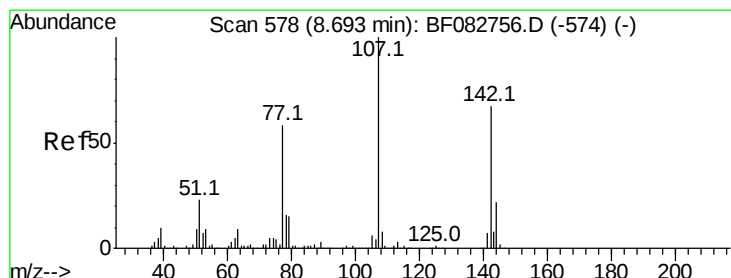
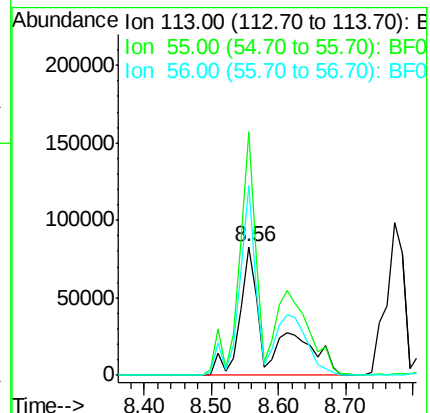
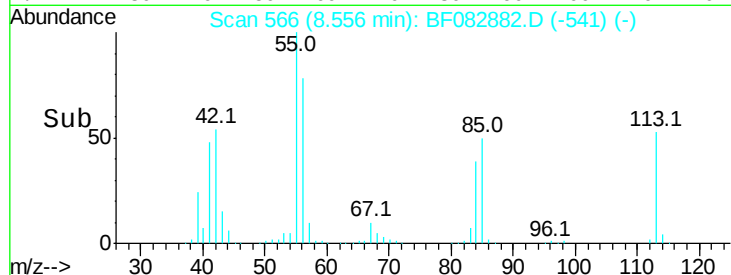
56 147.2 153.5 193.5#



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: 36.39 ng/ml

RT: 8.67 min Scan# 576

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

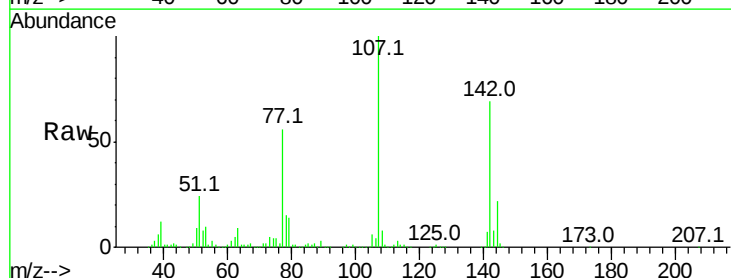
Tgt Ion:107 Resp: 794306

Ion Ratio Lower Upper

107 100

144 22.3 15.4 23.0

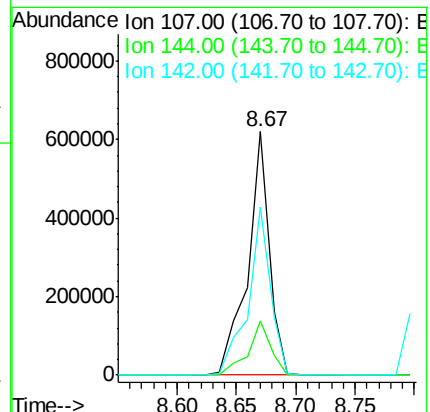
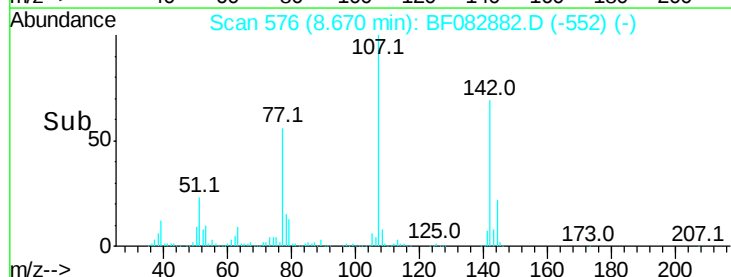
142 68.9 47.8 71.8

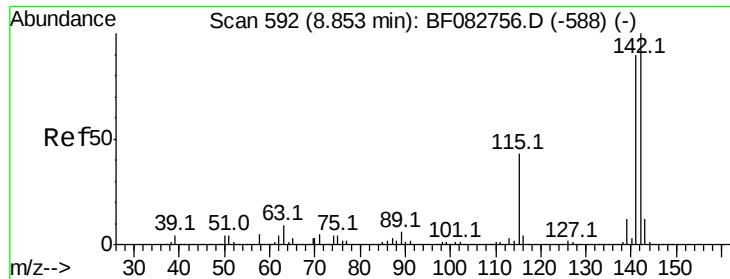


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

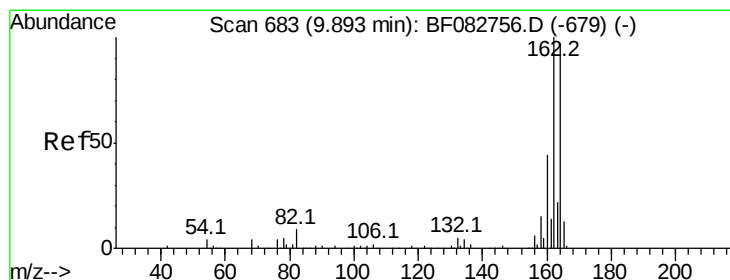
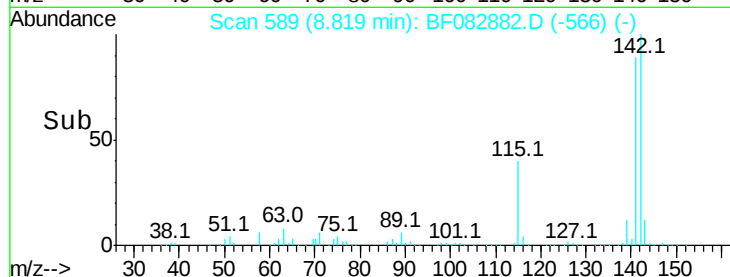
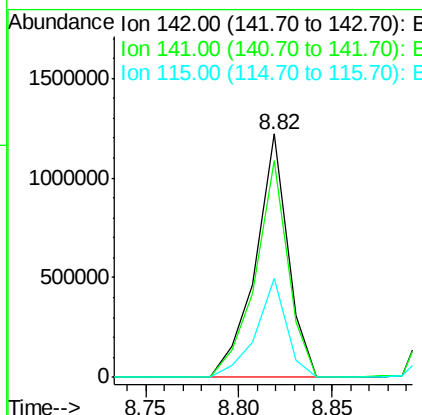
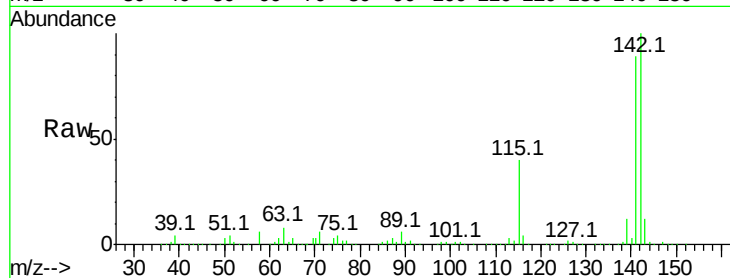




#37
 2-Methylnaphthalene
 Concen: 35.60 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

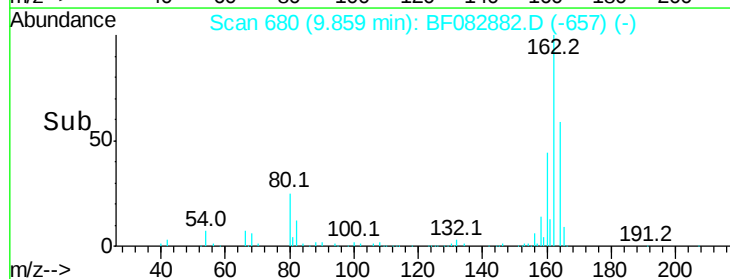
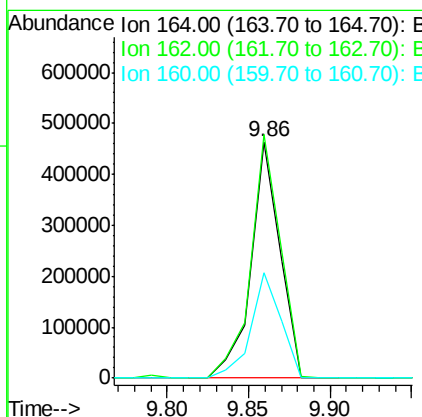
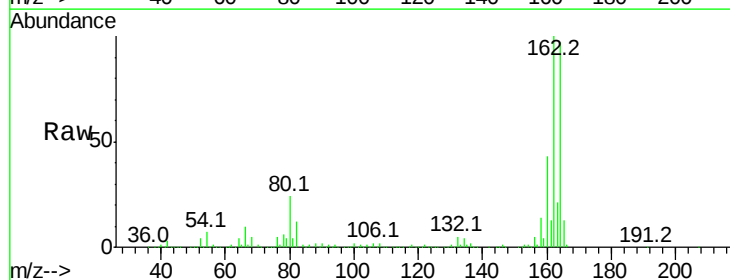
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

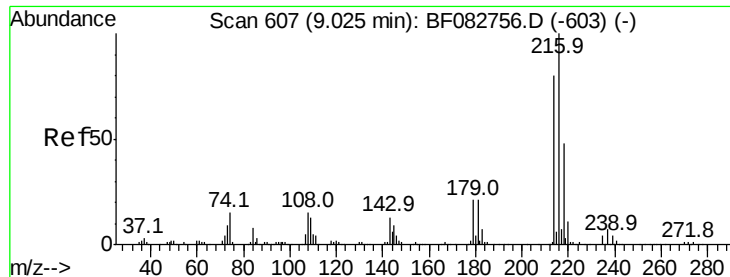
Tot Ion:142 Resp: 1480367
 Ion Ratio Lower Upper
 142 100
 141 89.1 72.3 108.5
 115 40.4 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:164 Resp: 573259
 Ion Ratio Lower Upper
 164 100
 162 103.0 84.9 127.3
 160 44.4 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.23 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

Tot Ion:216 Resp: 720152

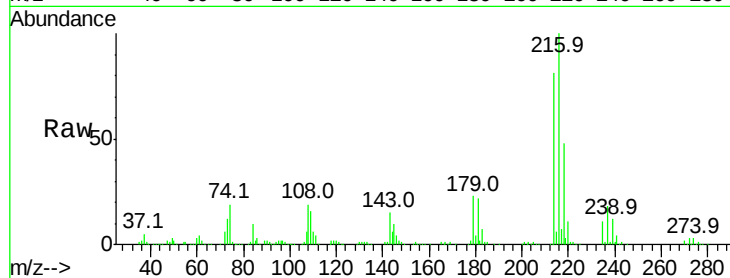
Ion Ratio Lower Upper

216 100

214 80.4 62.2 93.2

179 23.0 18.1 27.1

108 22.6 16.6 25.0

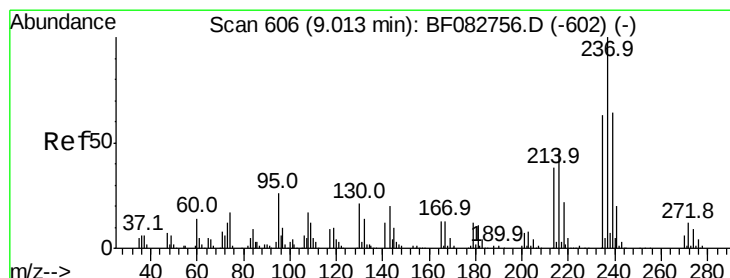
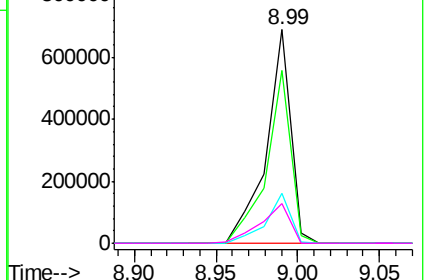
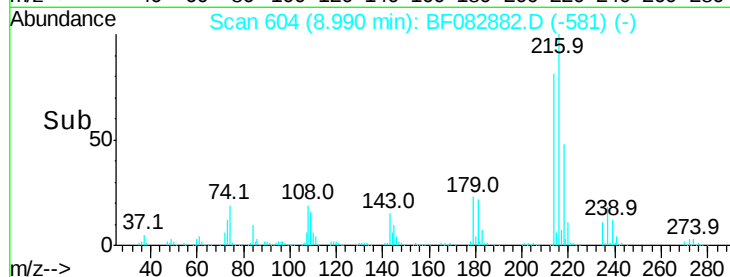


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.72 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

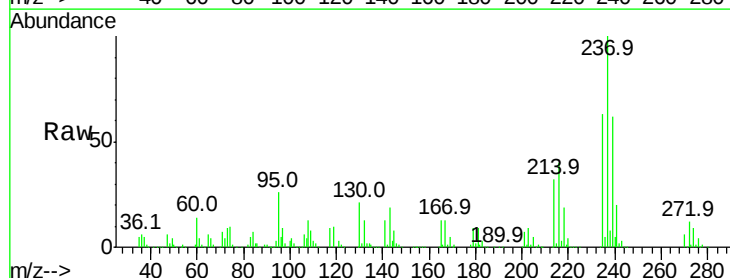
Tgt Ion:237 Resp: 654977

Ion Ratio Lower Upper

237 100

235 63.1 44.3 84.3

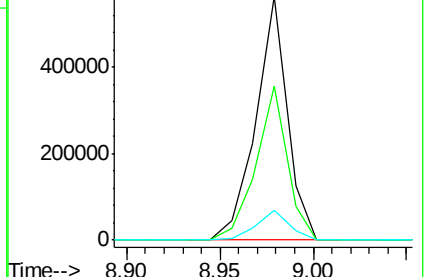
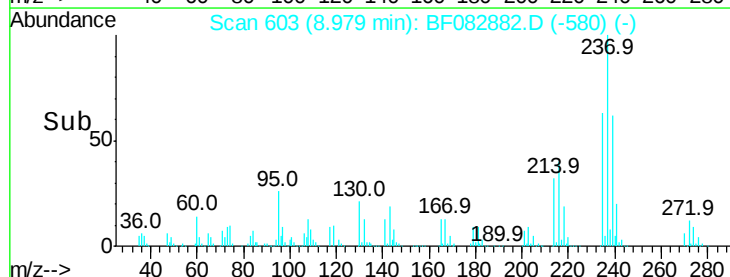
272 12.5 0.0 31.9

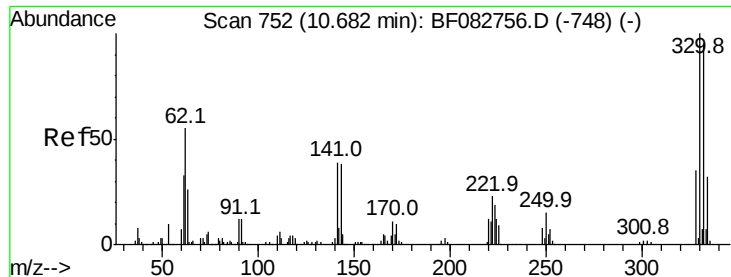


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

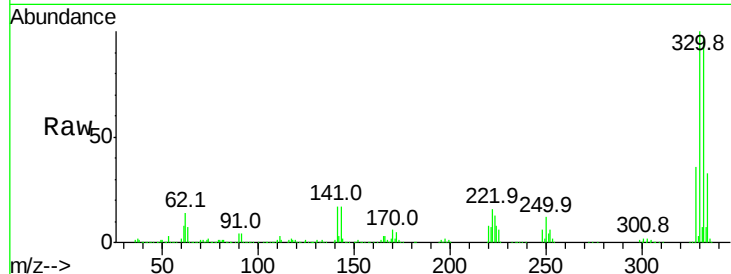




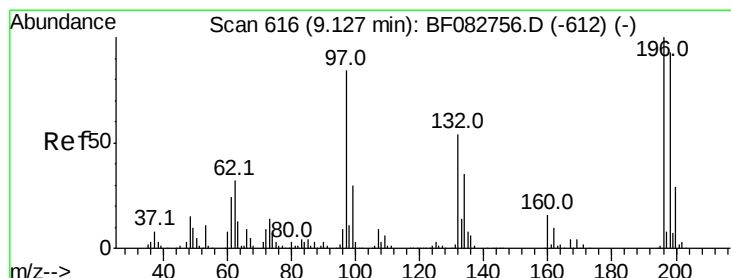
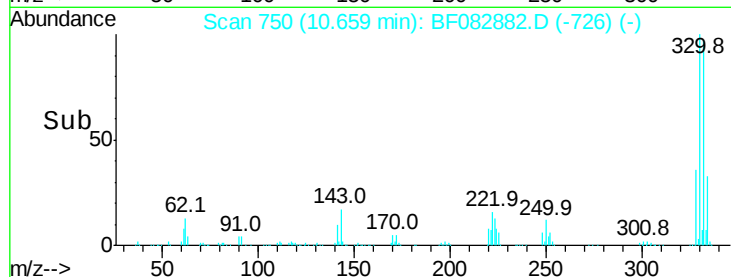
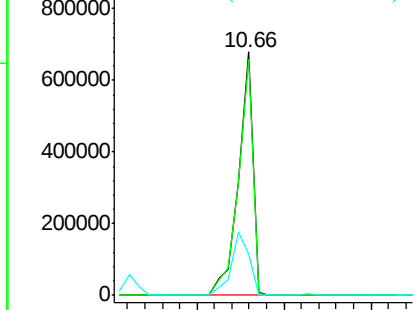
#41
 2,4,6-Tribromophenol
 Concen: 117.98 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

Tot Ion:330 Resp: 775499
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 32.3 41.2 61.8#

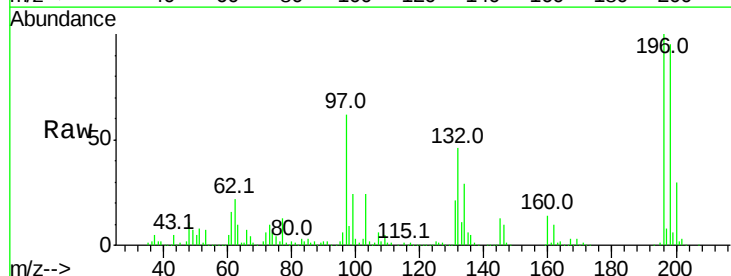


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

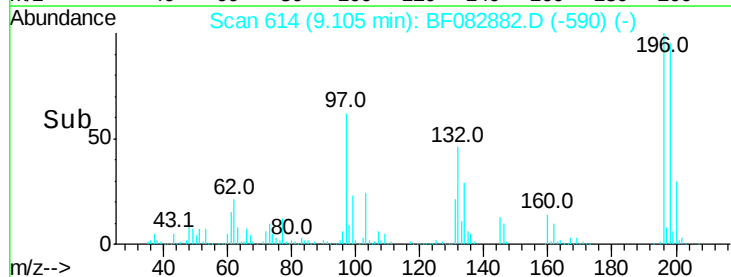
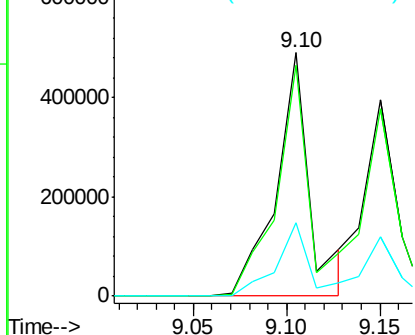


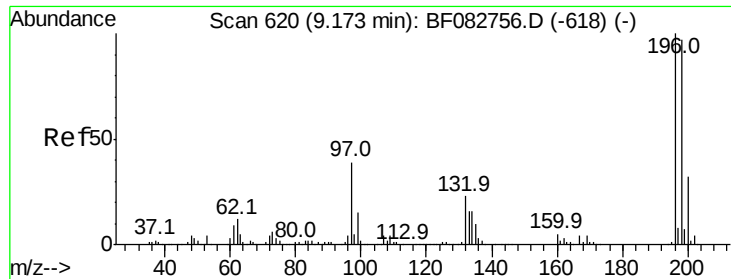
#42
 2,4,6-Trichlorophenol
 Concen: 43.72 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:196 Resp: 614763
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 30.4 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

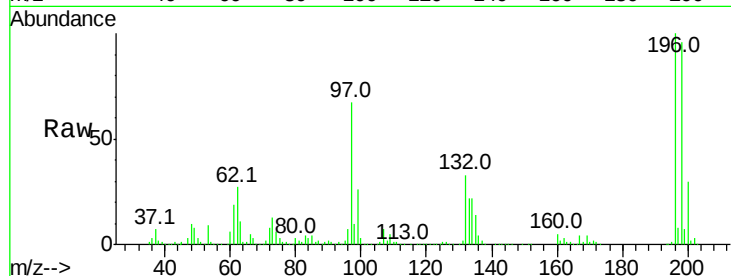




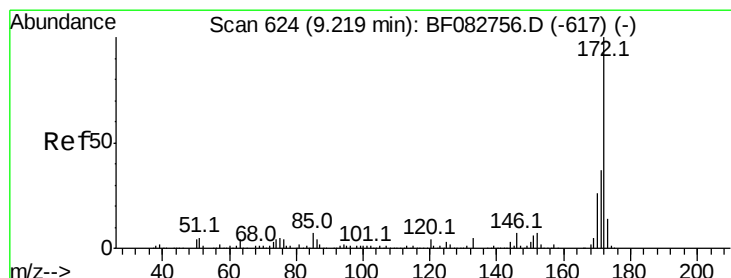
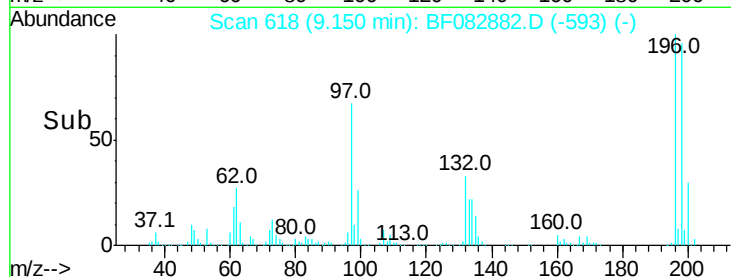
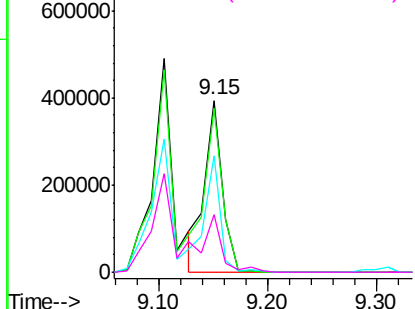
#43
 2,4,5-Trichlorophenol
 Concen: 32.45 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

Tot Ion:196 Resp: 451256
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.8 113.8
 97 67.5 62.3 93.5
 132 33.2 27.4 41.2

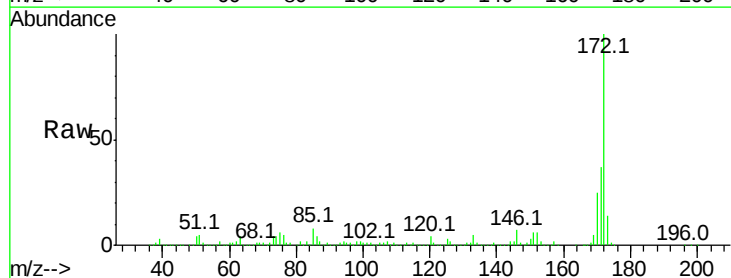


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

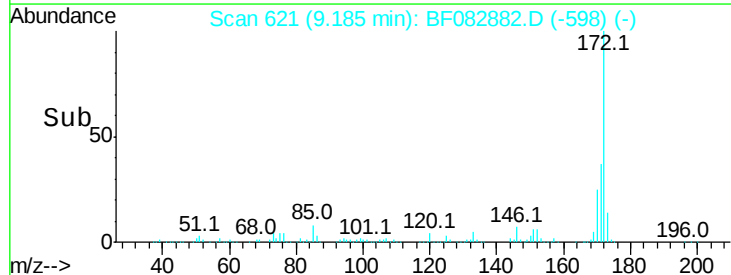
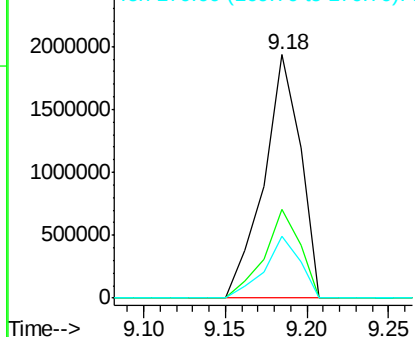


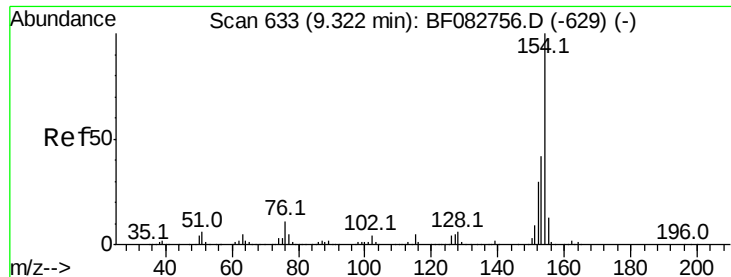
#44
 2-Fluorobiphenyl
 Concen: 75.48 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:172 Resp: 3018837
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 25.2 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

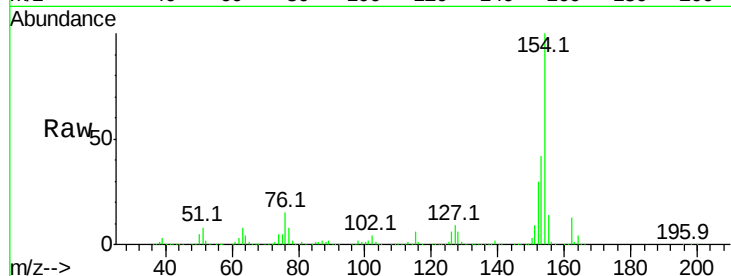




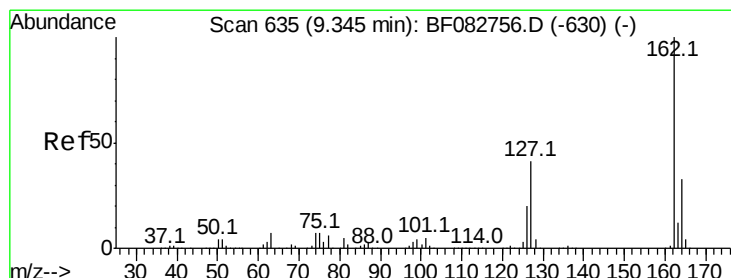
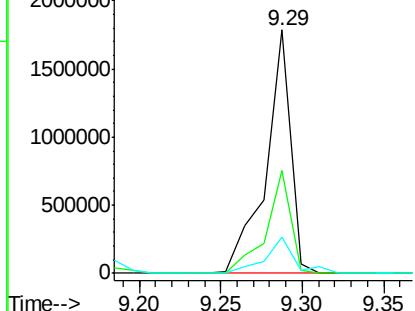
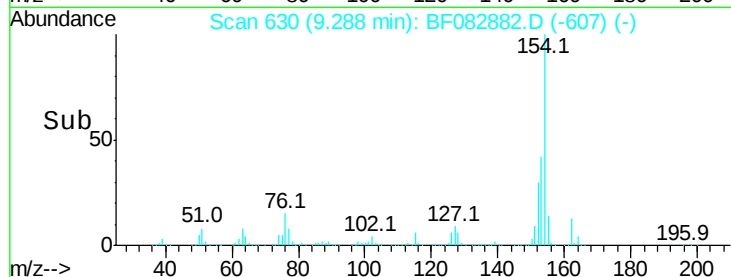
#45
 1,1'-Biphenyl
 Concen: 38.33 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

Tot Ion:154 Resp: 1885332
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.0 62.0
 76 14.8 0.0 29.0

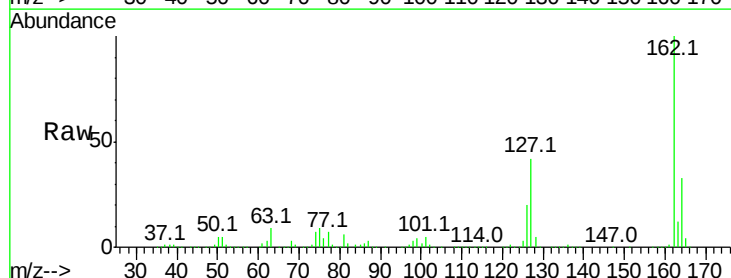


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

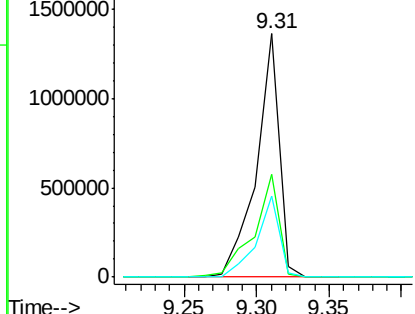
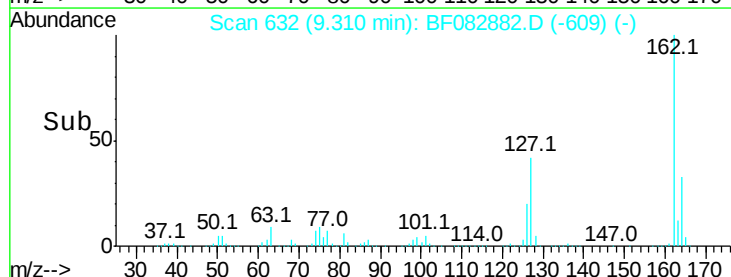


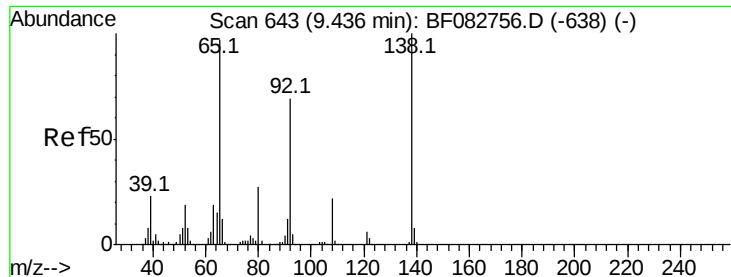
#46
 2-Chloronaphthalene
 Concen: 38.92 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:162 Resp: 1493418
 Ion Ratio Lower Upper
 162 100
 127 42.0 32.7 49.1
 164 33.4 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

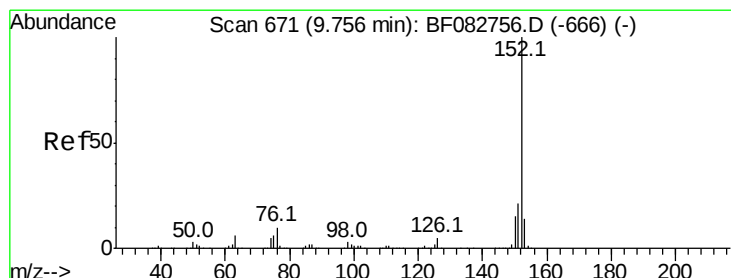
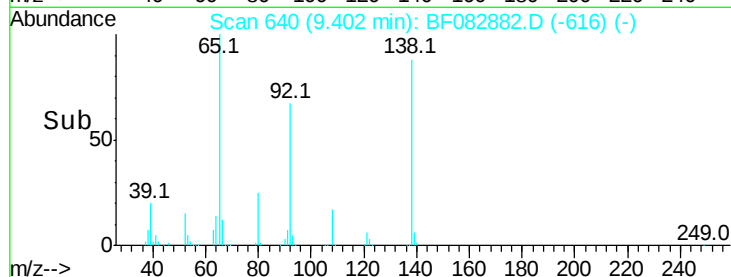
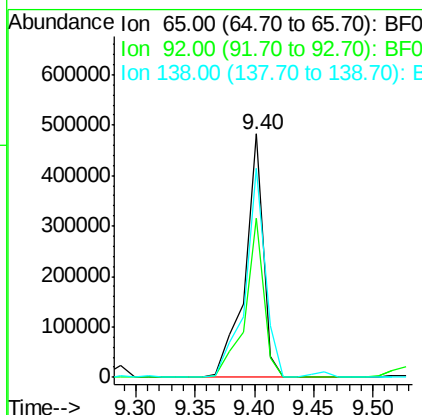
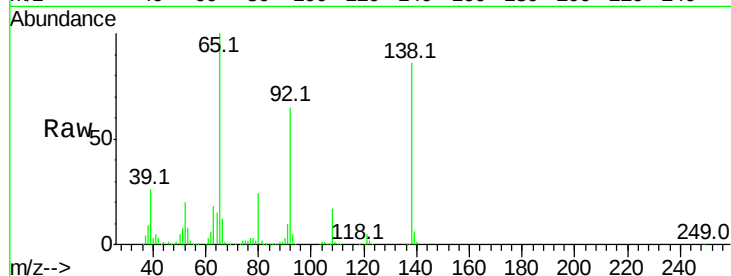




#47
 2-Nitroaniline
 Concen: 36.72 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

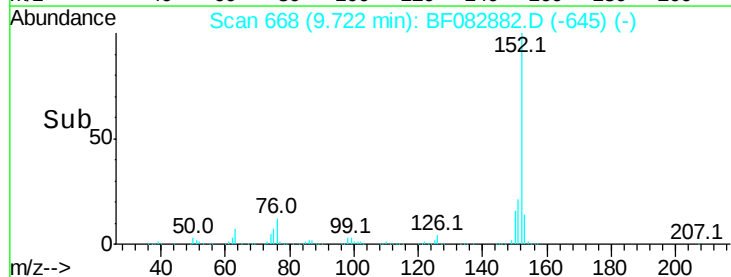
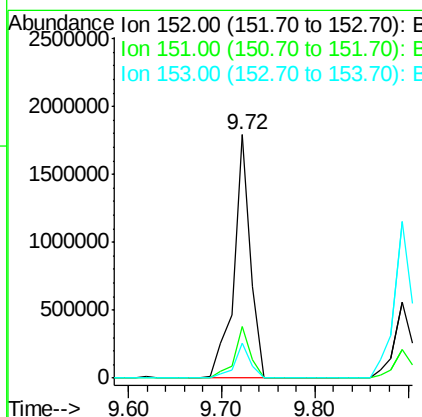
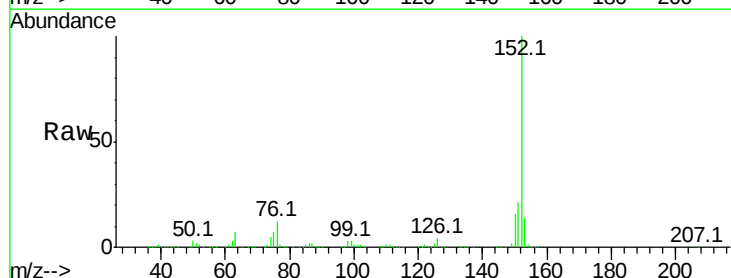
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

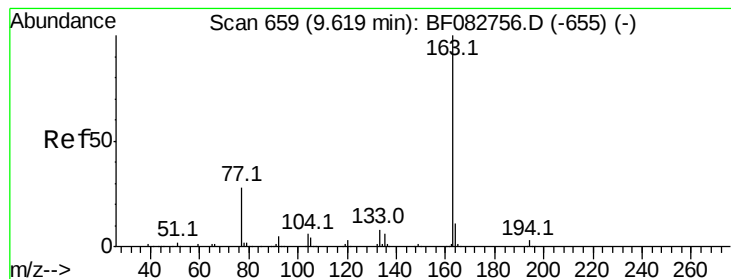
Tot Ion: 65 Resp: 522727
 Ion Ratio Lower Upper
 65 100
 92 65.4 46.6 70.0
 138 86.0 54.6 81.8#



#48
 Acenaphthylene
 Concen: 36.55 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion: 152 Resp: 2198099
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.3 25.9
 153 14.5 11.3 16.9





#49

Dimethylphthalate

Concen: 39.77 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

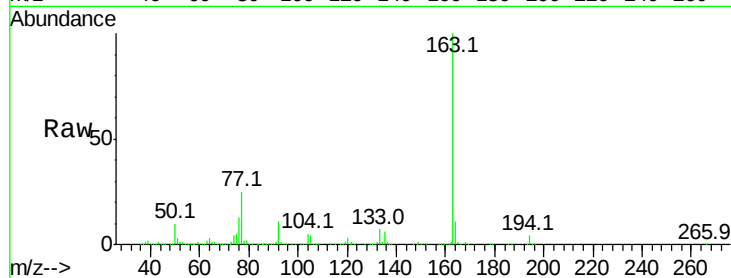
Tot Ion:163 Resp: 1868064

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

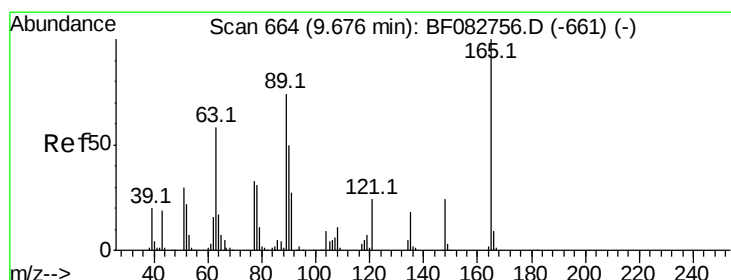
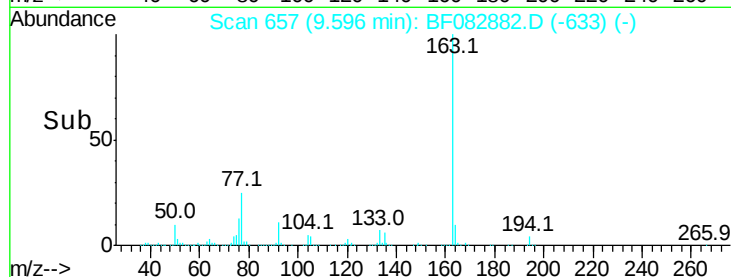
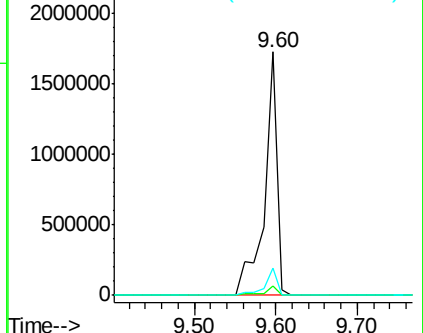
164 11.2 8.7 13.1



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: 46.78 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

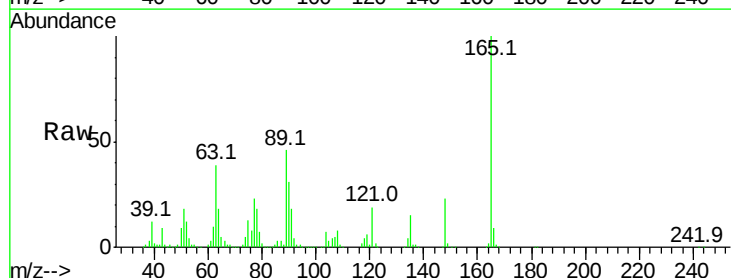
Tgt Ion:165 Resp: 468781

Ion Ratio Lower Upper

165 100

63 38.7 55.5 83.3#

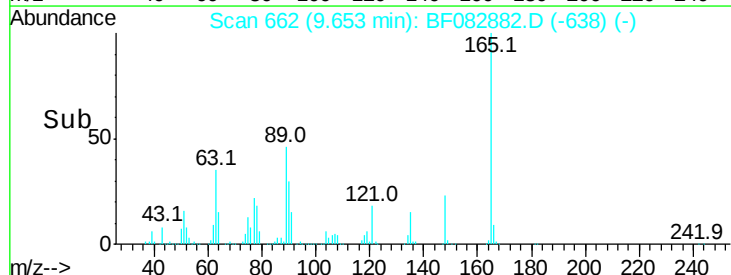
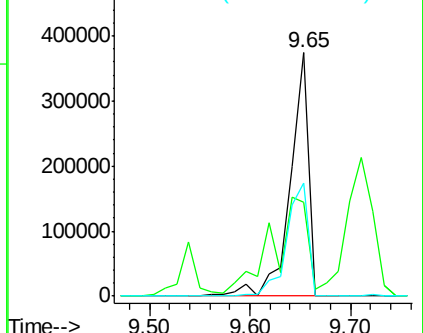
89 46.2 55.0 82.6#

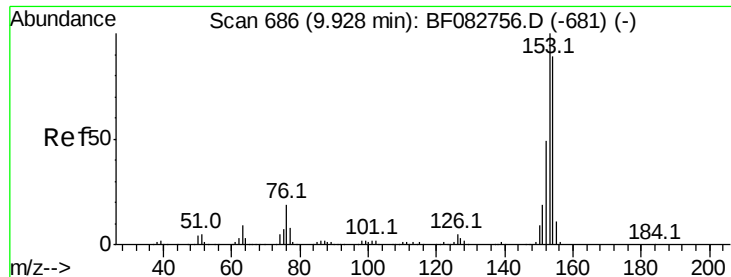


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.18 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

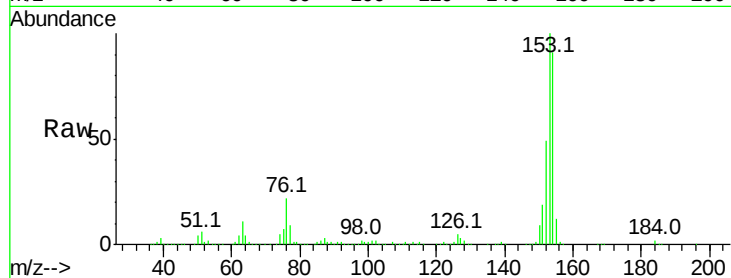
Tot Ion:154 Resp: 1607642

Ion Ratio Lower Upper

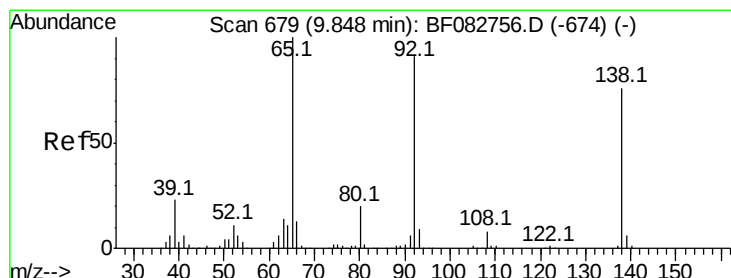
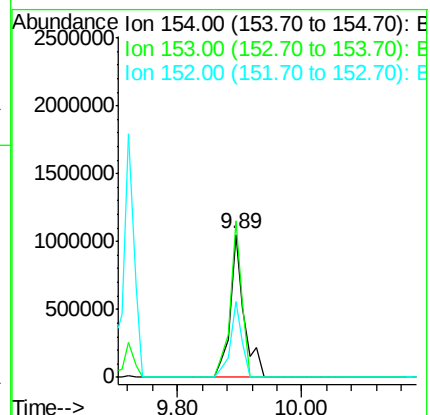
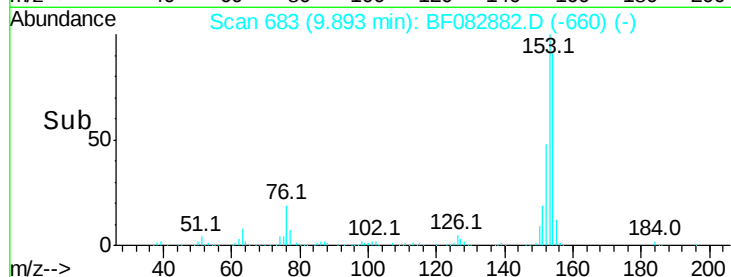
154 100

153 109.9 90.1 135.1

152 53.5 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: 20.55 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

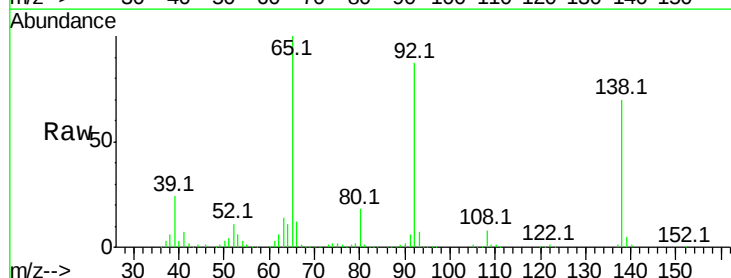
Tgt Ion:138 Resp: 226548

Ion Ratio Lower Upper

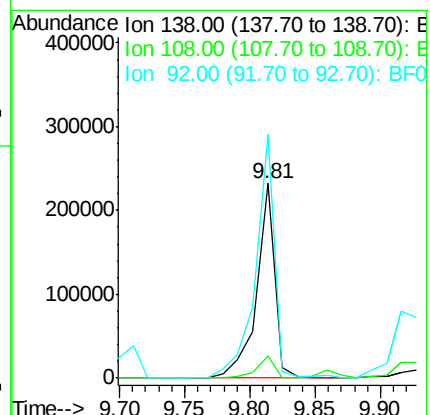
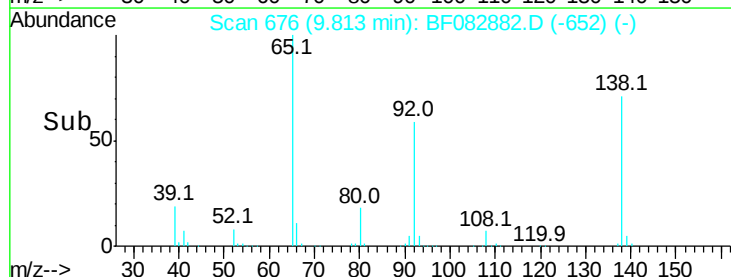
138 100

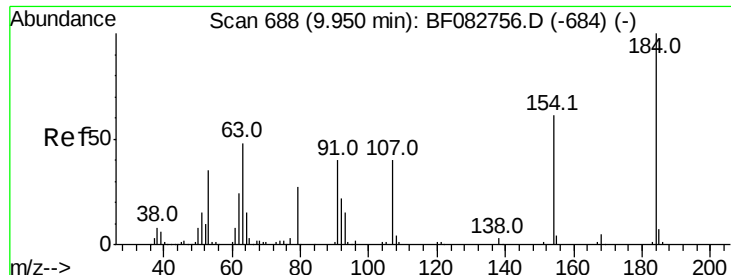
108 11.2 11.3 16.9#

92 124.9 122.4 183.6



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

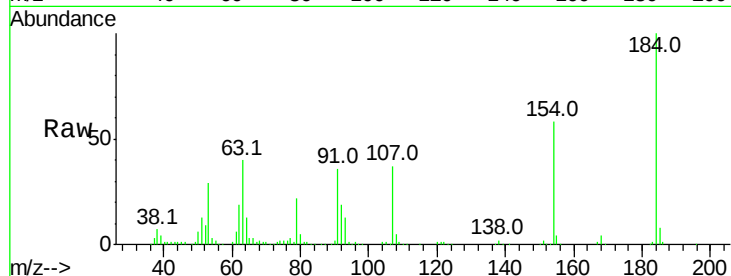




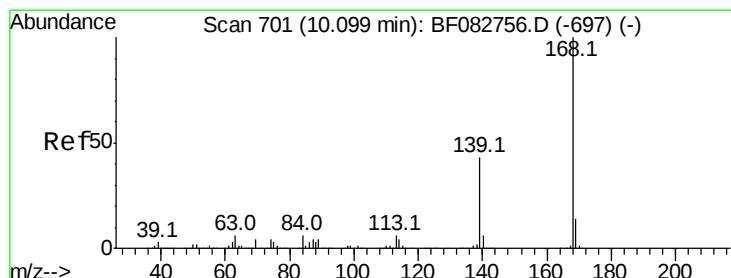
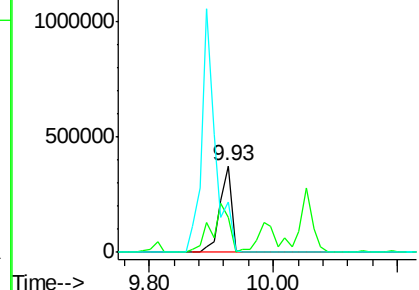
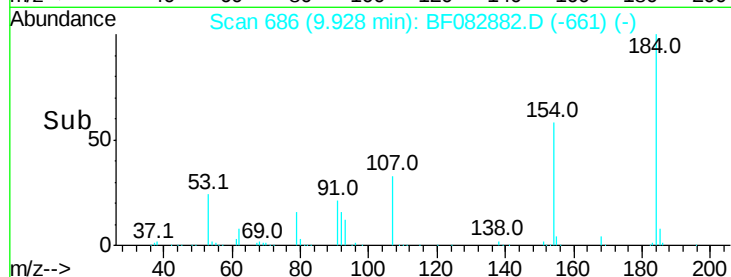
#53
 2,4-Dinitrophenol
 Concen: 85.71 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

Tot Ion:184 Resp: 471574
 Ion Ratio Lower Upper
 184 100
 63 39.6 98.6 148.0#
 154 58.3 183.9 275.9#

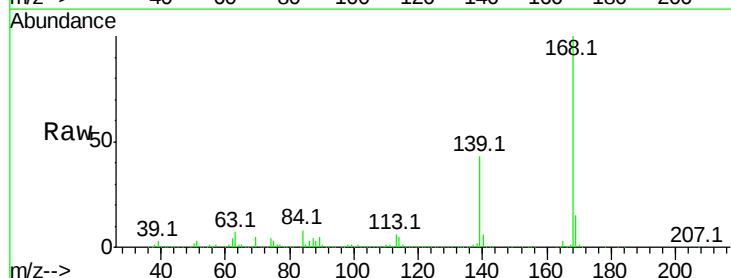


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

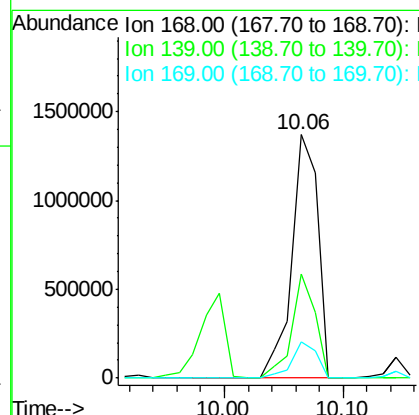
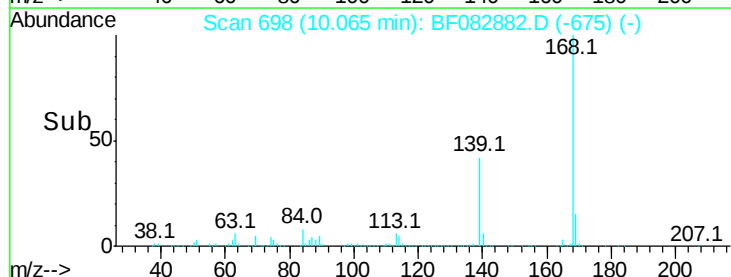


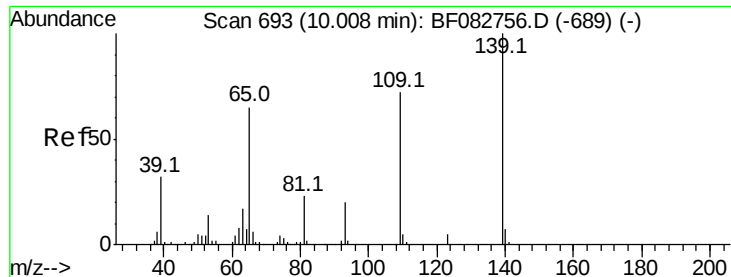
#54
 Dibenzofuran
 Concen: 40.25 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:168 Resp: 2068258
 Ion Ratio Lower Upper
 168 100
 139 42.7 37.8 56.6
 169 14.8 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

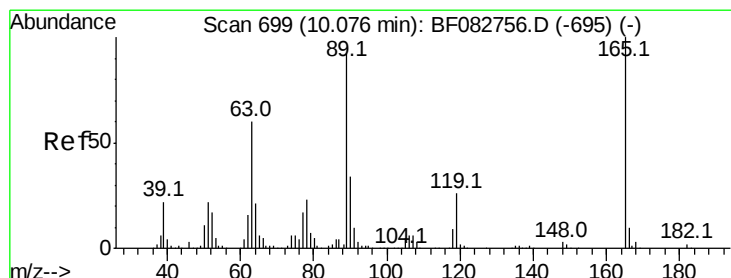
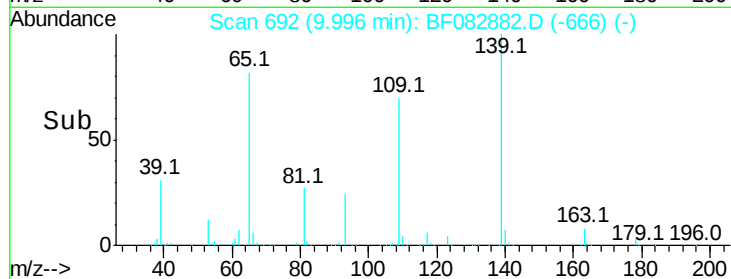
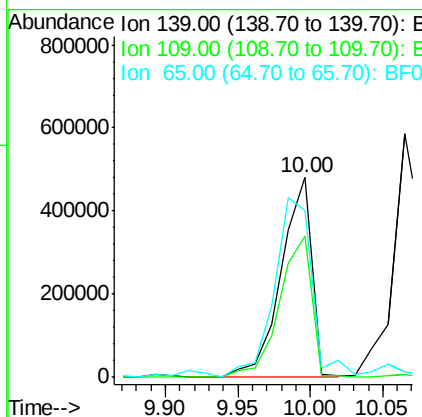
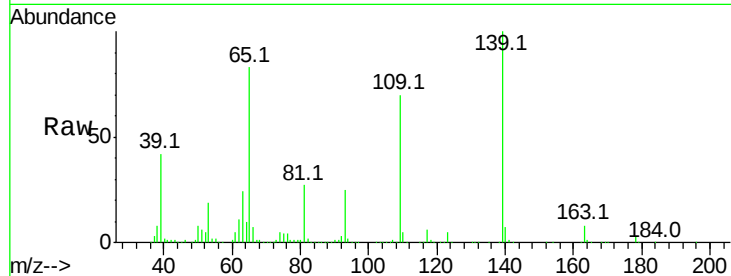




#55
4-Nitrophenol
Concen: 82.56 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

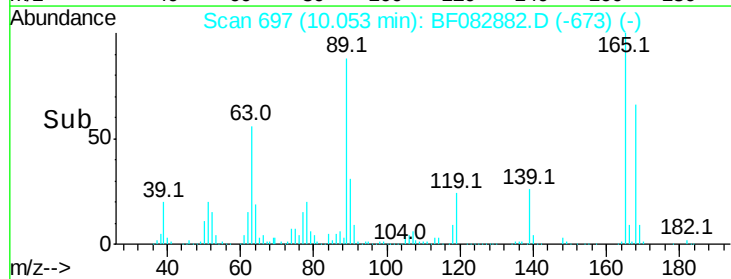
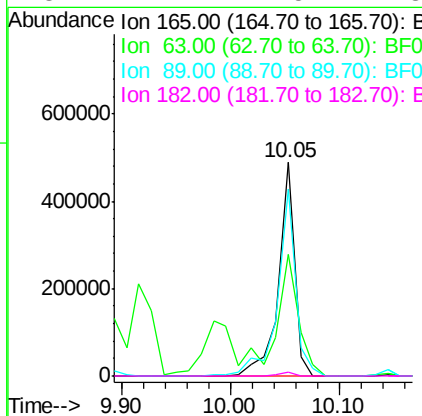
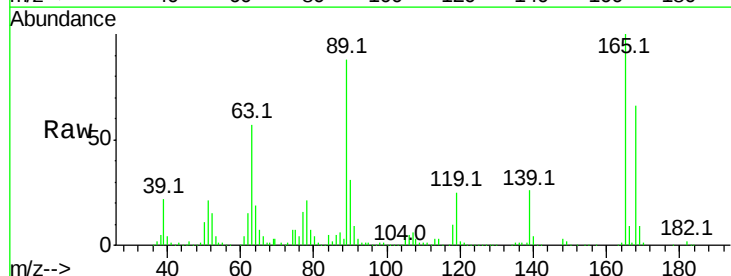
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMS

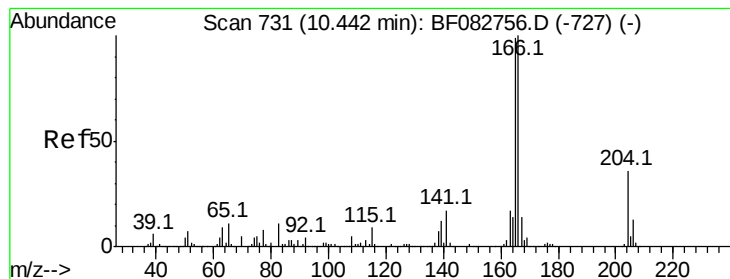
Tot Ion:139 Resp: 698083
Ion Ratio Lower Upper
139 100
109 70.4 73.7 113.7#
65 83.2 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 36.79 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Tgt Ion:165 Resp: 500194
Ion Ratio Lower Upper
165 100
63 56.8 43.4 65.0
89 87.7 70.6 106.0
182 2.1 1.5 2.3





#57

Fluorene

Concen: 35.59 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

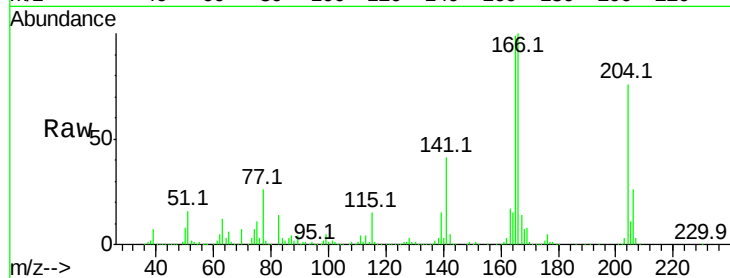
Tot Ion:166 Resp: 1480925

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

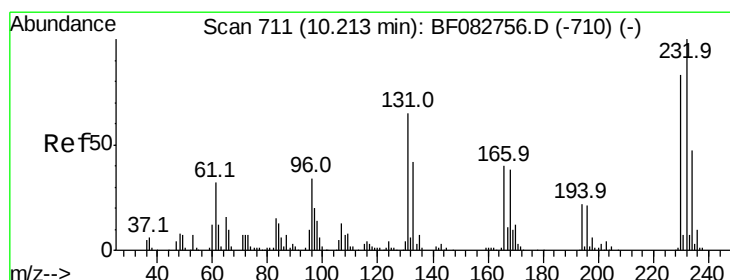
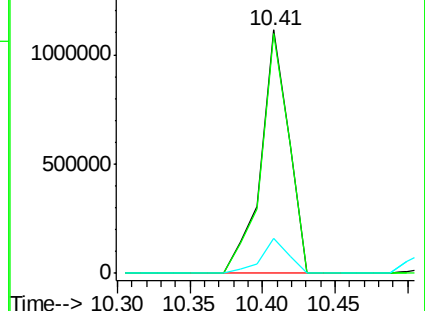
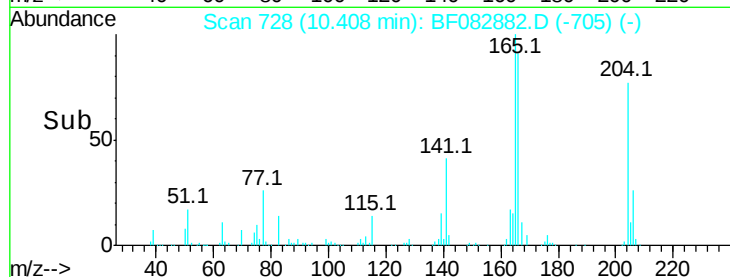
167 14.4 11.2 16.8



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: 39.25 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Tgt Ion:232 Resp: 445493

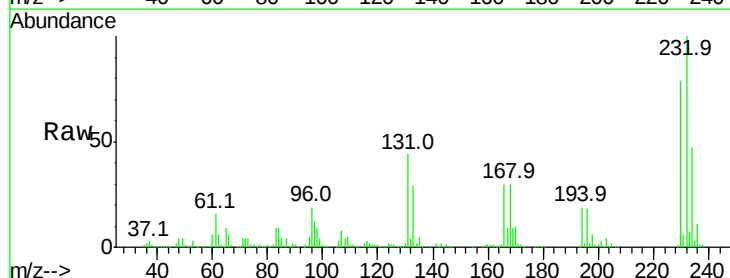
Ion Ratio Lower Upper

232 100

131 46.8 46.2 69.2

130 2.5 2.4 3.6

166 31.2 28.2 42.2

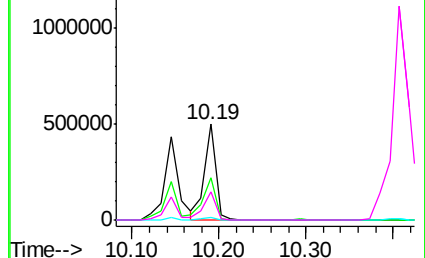
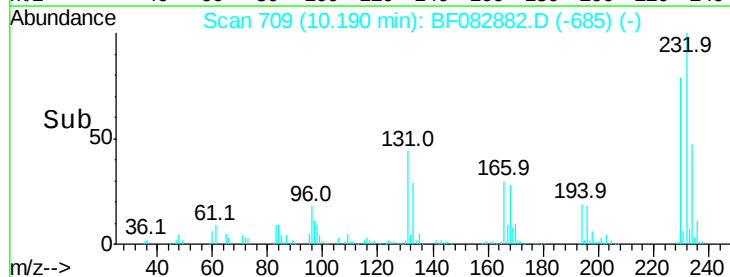


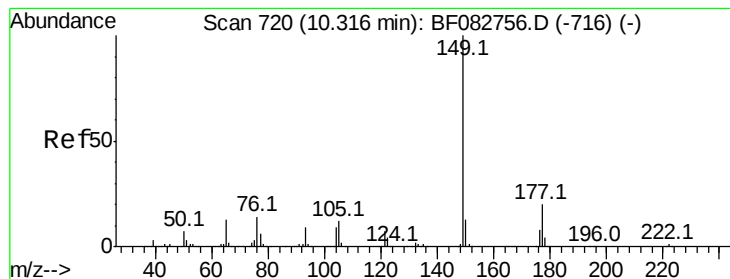
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.64 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

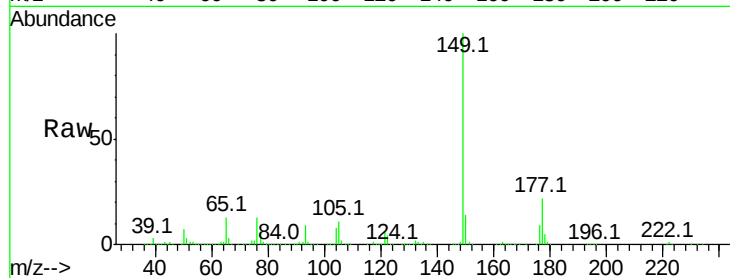
Tot Ion:149 Resp: 1726237

Ion Ratio Lower Upper

149 100

177 21.9 17.9 26.9

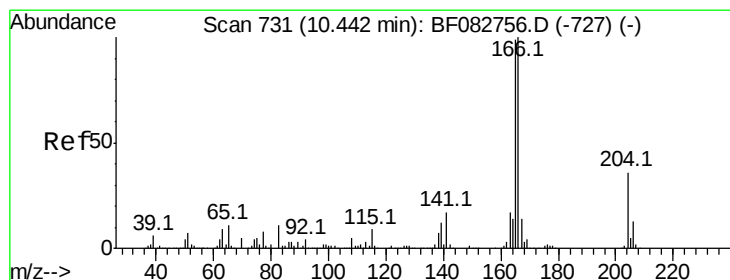
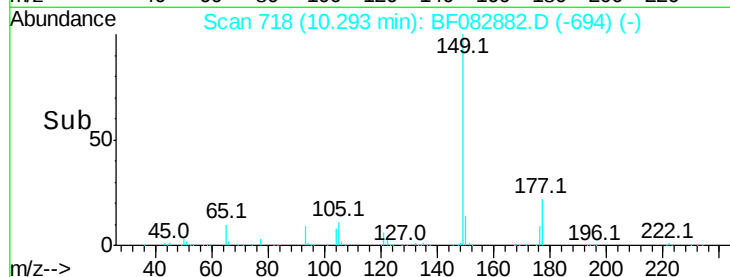
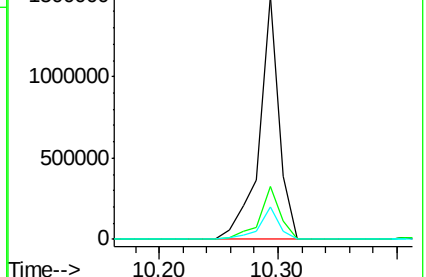
150 13.5 10.1 15.1



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: 40.91 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

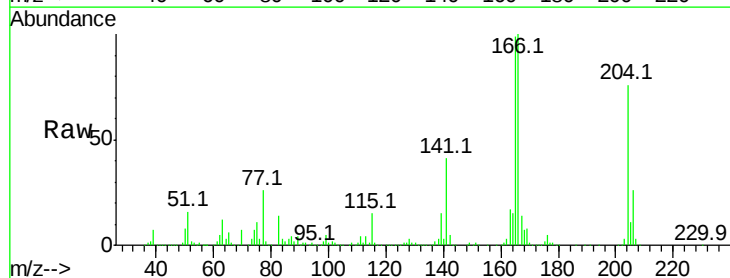
Tgt Ion:204 Resp: 851700

Ion Ratio Lower Upper

204 100

206 34.2 28.5 42.7

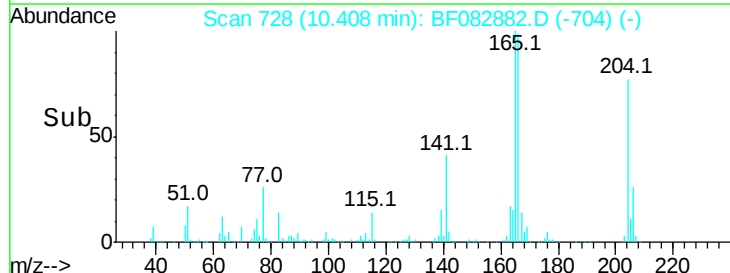
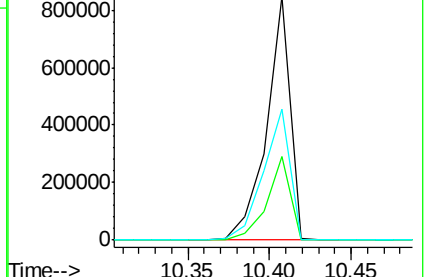
141 53.7 44.6 66.8

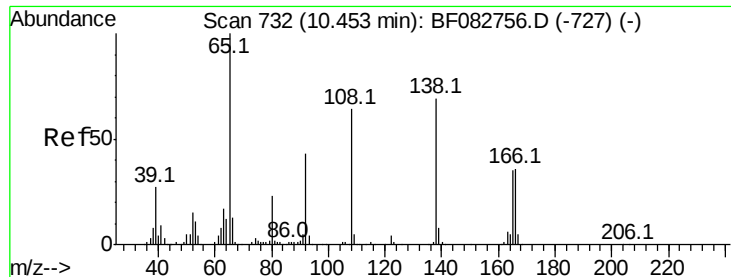


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

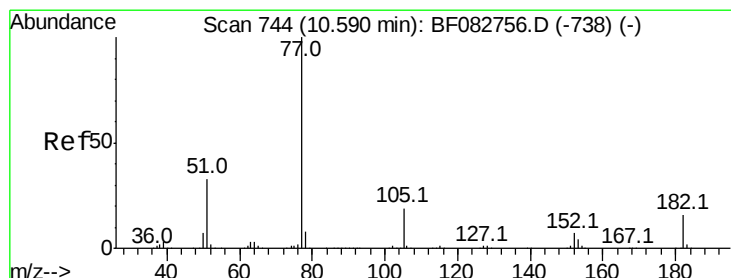
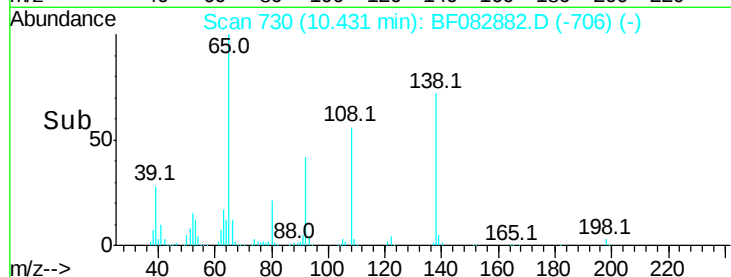
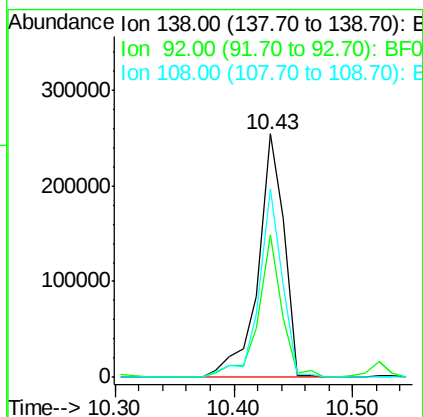
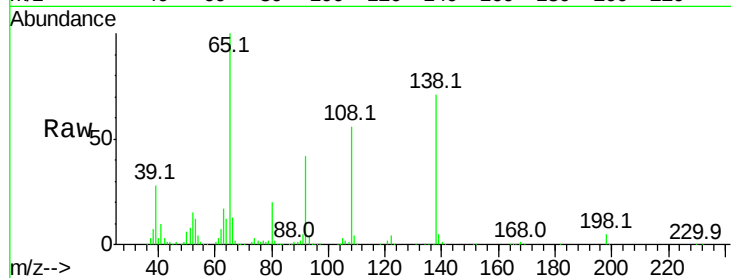




#61
4-Nitroaniline
Concen: 35.14 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

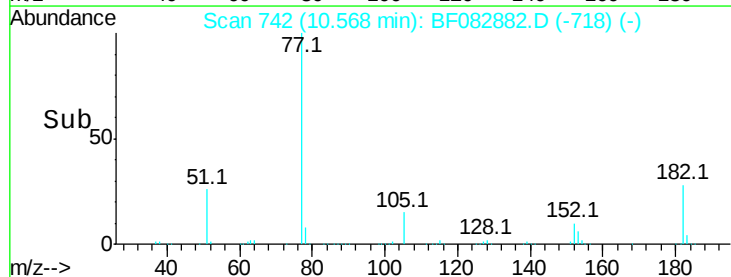
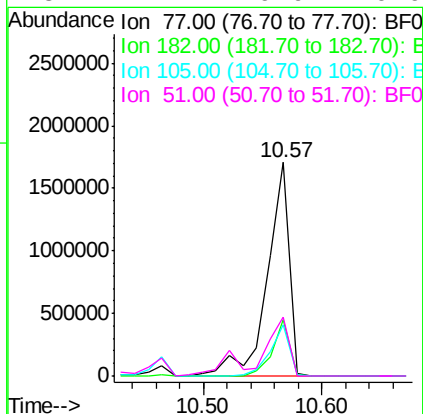
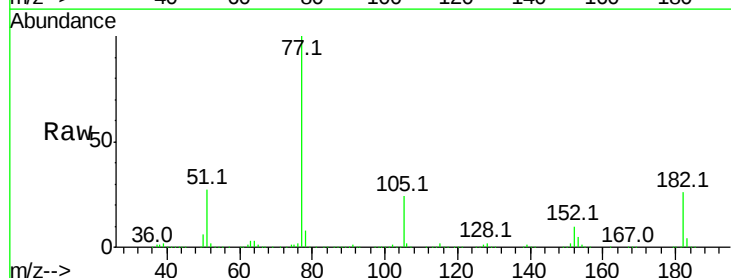
Instrument :
BNA_F
ClientSampleId :
LAR9862-AMS

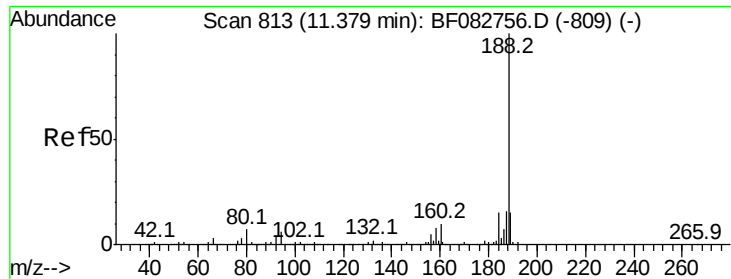
Tot Ion:138 Resp: 389458
Ion Ratio Lower Upper
138 100
92 58.5 45.8 85.8
108 77.7 89.4 129.4#



#62
Azobenzene
Concen: 44.70 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Tgt Ion: 77 Resp: 2201894
Ion Ratio Lower Upper
77 100
182 26.1 9.3 49.3
105 24.0 2.6 42.6
51 27.4 9.9 49.9

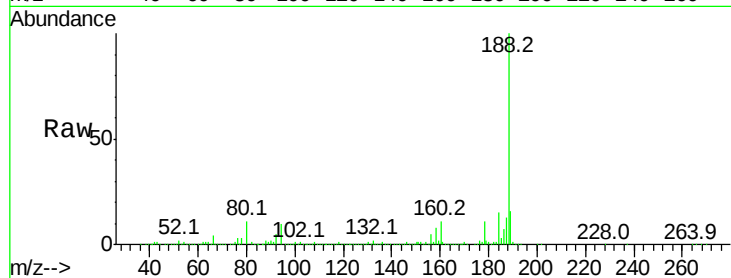




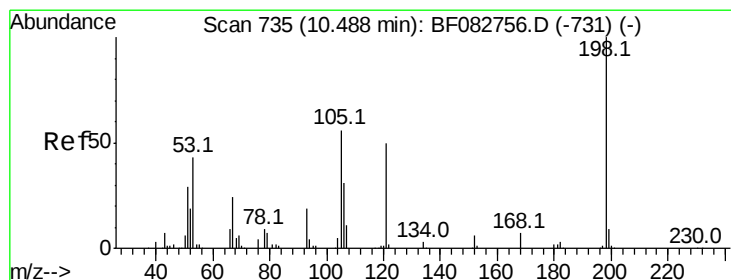
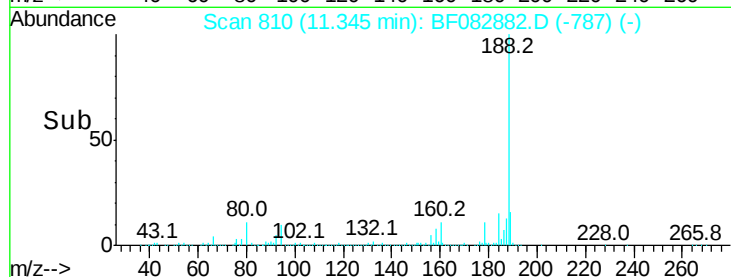
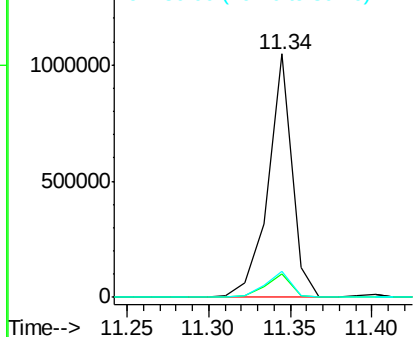
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMS

Tot Ion:188 Resp: 1071499
Ion Ratio Lower Upper
188 100
94 9.5 6.1 9.1#
80 10.7 7.0 10.6#

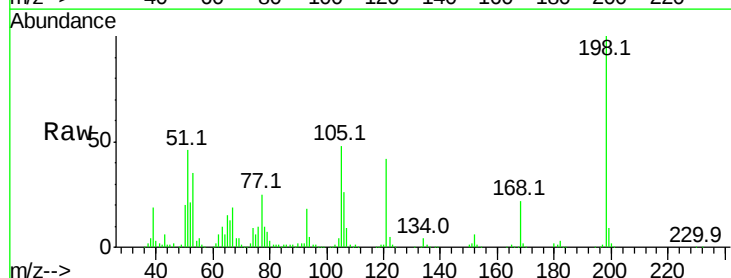


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

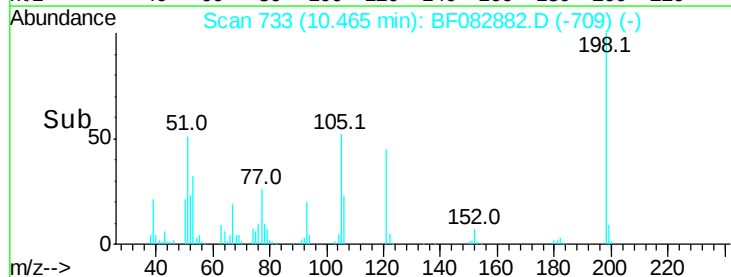
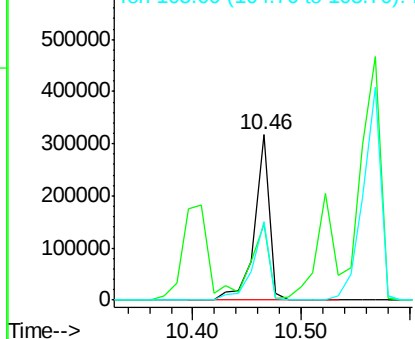


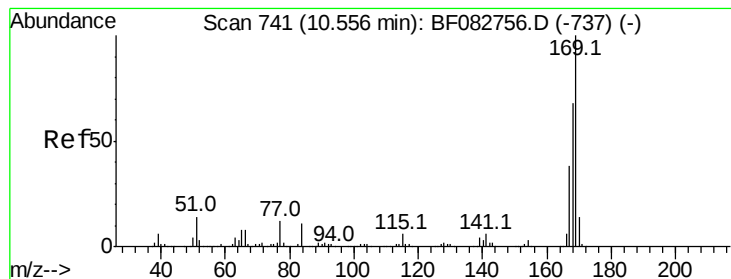
#64
4,6-Dinitro-2-methylphenol
Concen: 39.91 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Tgt Ion:198 Resp: 304653
Ion Ratio Lower Upper
198 100
51 46.0 17.3 57.3
105 47.5 21.7 61.7



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





#65

n-Nitrosodiphenylamine

Concen: 36.76 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

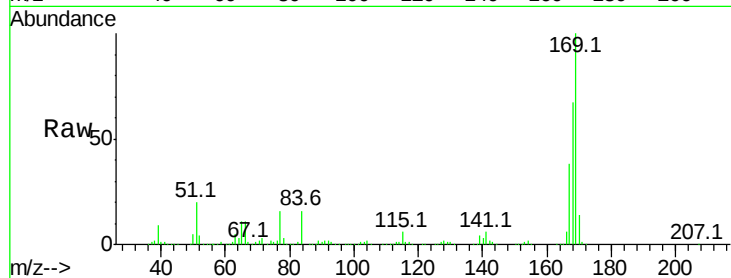
Tot Ion:169 Resp: 1423142

Ion Ratio Lower Upper

169 100

168 67.3 55.0 82.6

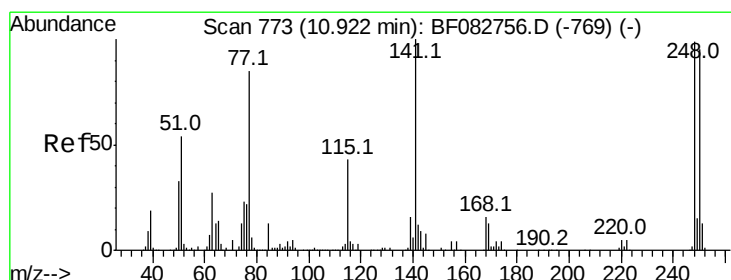
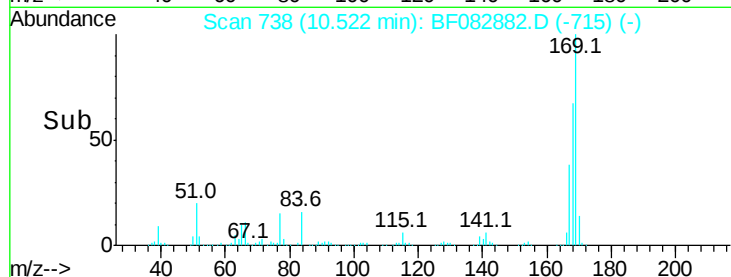
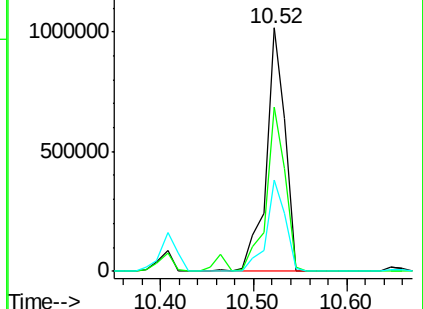
167 37.7 30.5 45.7



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: 39.20 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

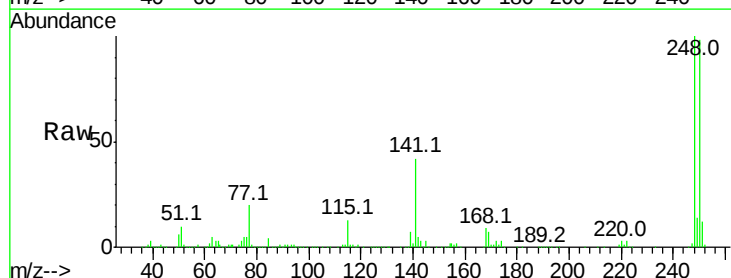
Tgt Ion:248 Resp: 505771

Ion Ratio Lower Upper

248 100

250 98.5 79.4 119.2

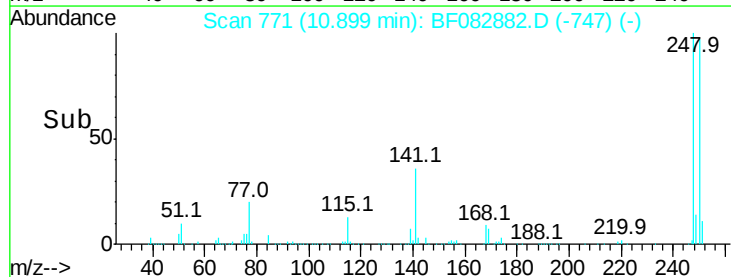
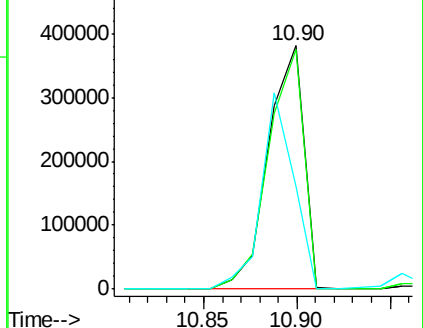
141 42.3 36.3 54.5

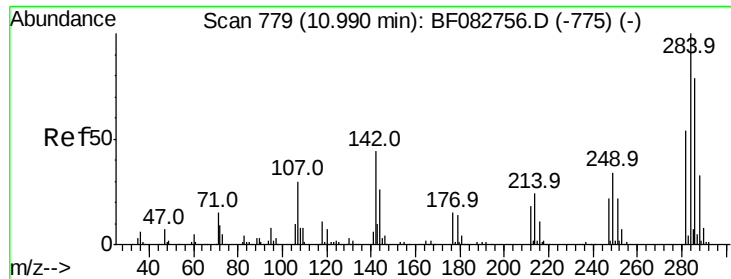


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

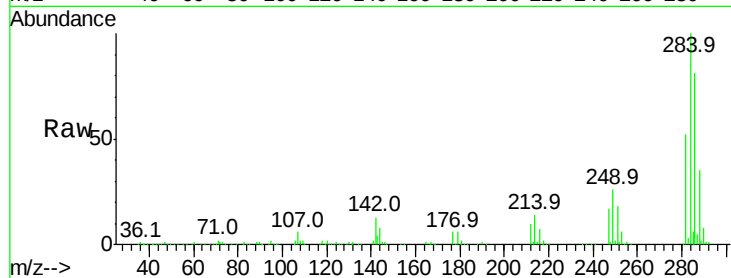




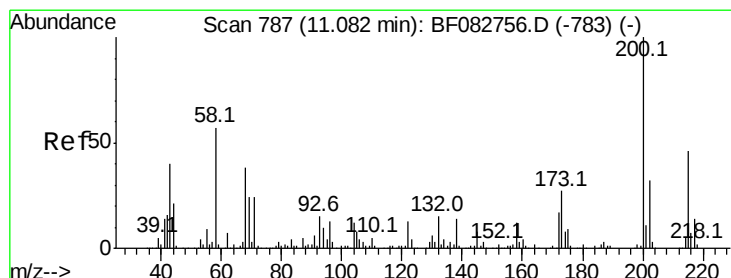
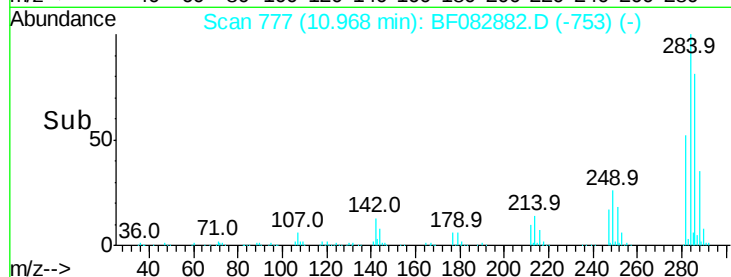
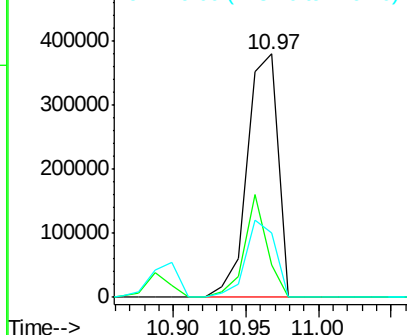
#67
Hexachlorobenzene
Concen: 38.56 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Instrument :
BNA_F
ClientSampleId :
LAR9862-AMS

Tot Ion:284 Resp: 555483
Ion Ratio Lower Upper
284 100
142 13.1 47.9 71.9#
249 26.4 29.7 44.5#

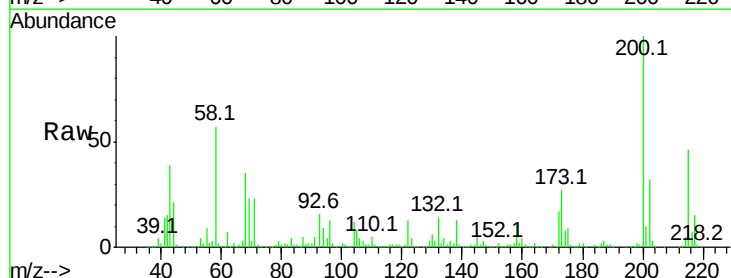


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

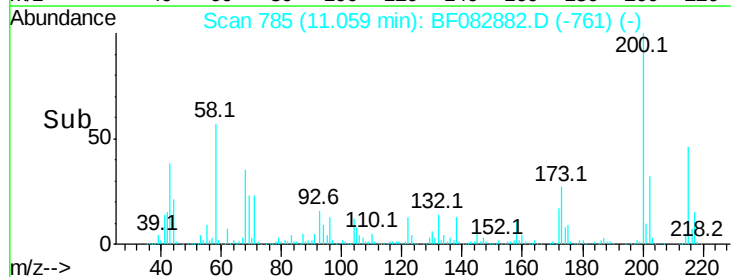
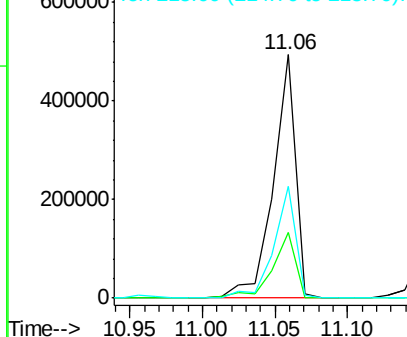


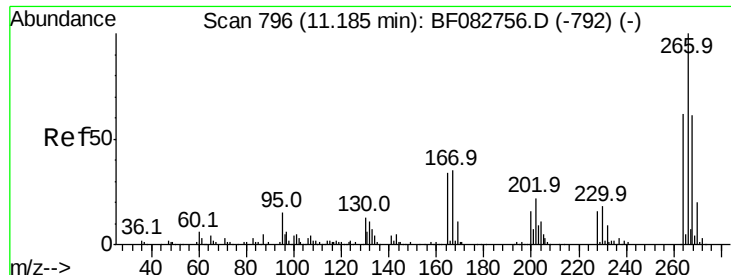
#68
Atrazine
Concen: 43.72 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF082882.D
Acq: 10 Nov 2015 21:14

Tgt Ion:200 Resp: 523316
Ion Ratio Lower Upper
200 100
173 26.8 6.9 46.9
215 45.8 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

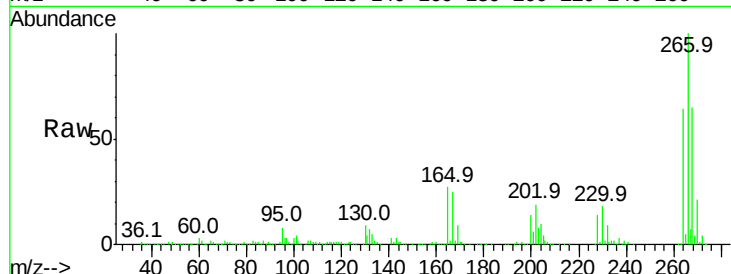




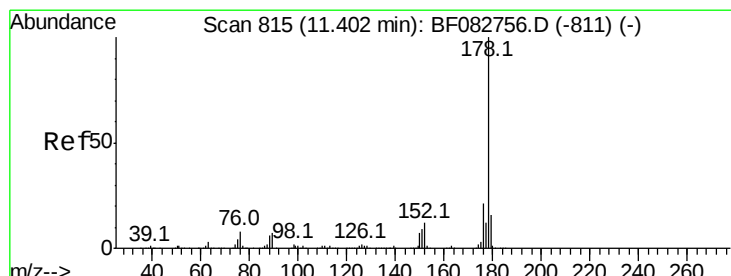
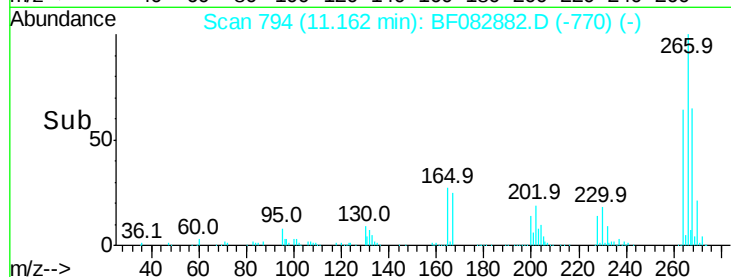
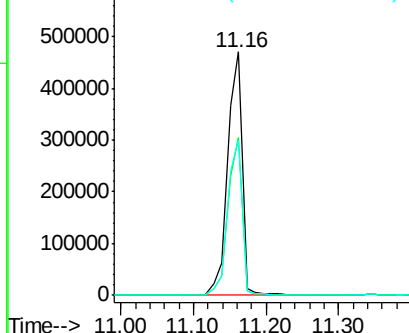
#69
 Pentachlorophenol
 Concen: 75.09 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.0	76.6
264	63.7	50.6	75.8

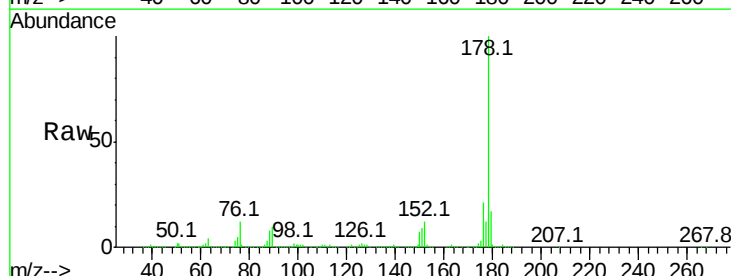


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

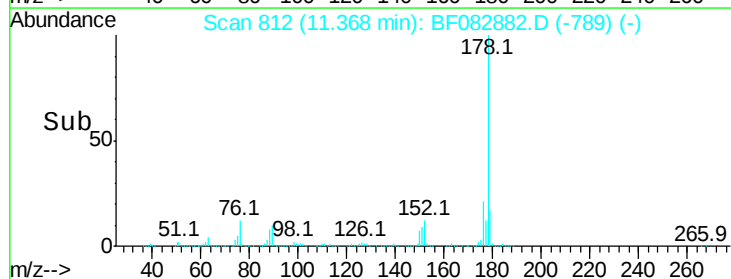
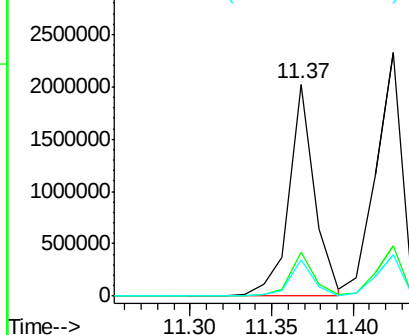


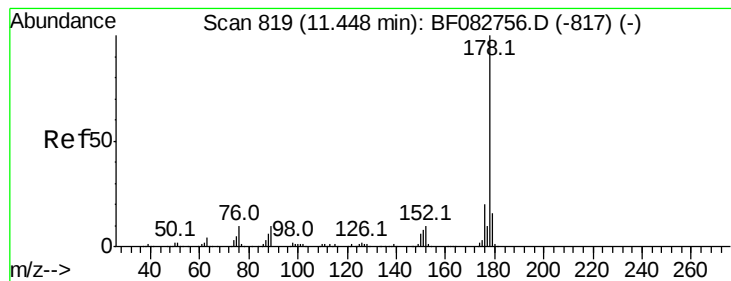
#70
 Phenanthrene
 Concen: 35.57 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	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: 38.55 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

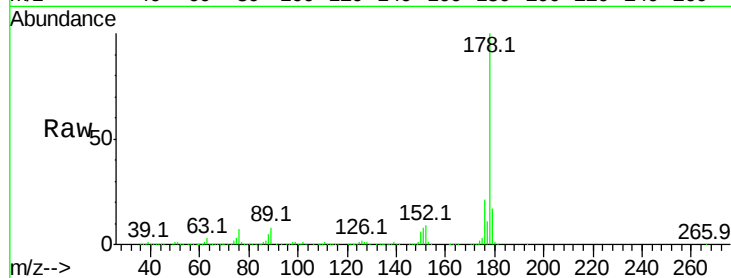
Tot Ion:178 Resp: 2527047

Ion Ratio Lower Upper

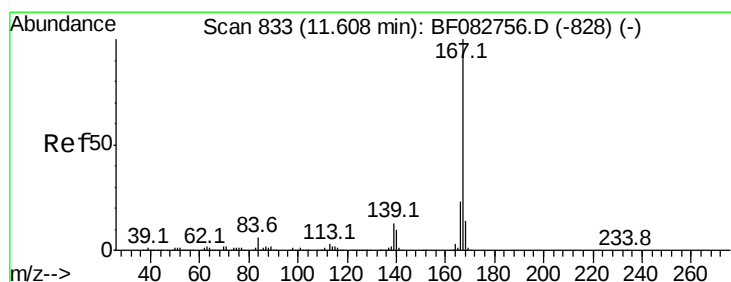
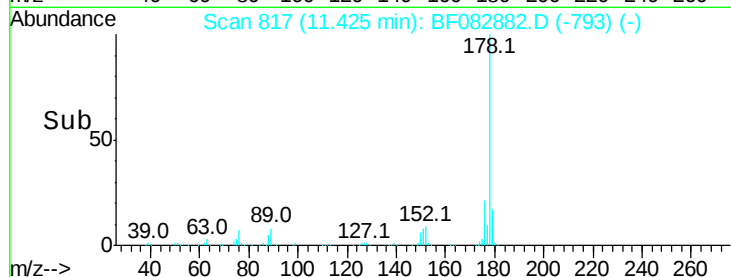
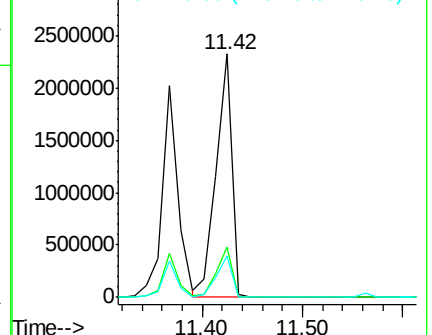
178 100

176 20.8 16.5 24.7

179 17.1 13.2 19.8



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



#72

Carbazole

Concen: 34.54 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

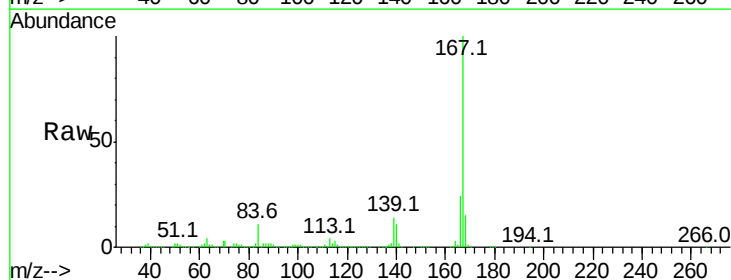
Tgt Ion:167 Resp: 1981647

Ion Ratio Lower Upper

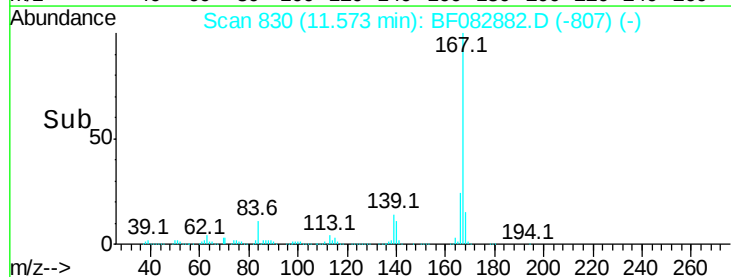
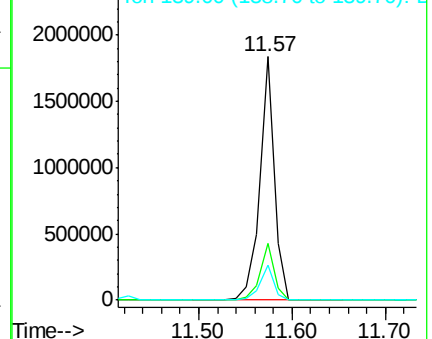
167 100

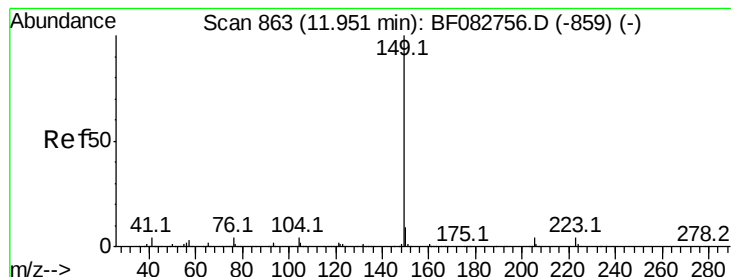
166 23.5 18.7 28.1

139 14.5 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.70 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

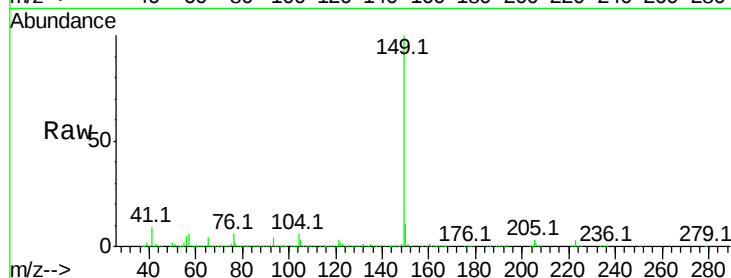
Tot Ion:149 Resp: 2694987

Ion Ratio Lower Upper

149 100

150 10.7 8.1 12.1

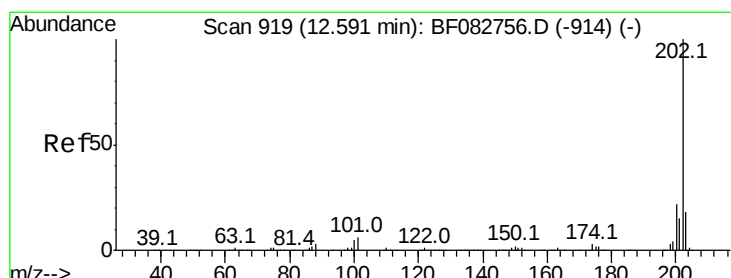
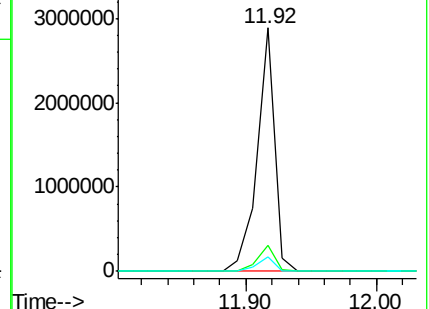
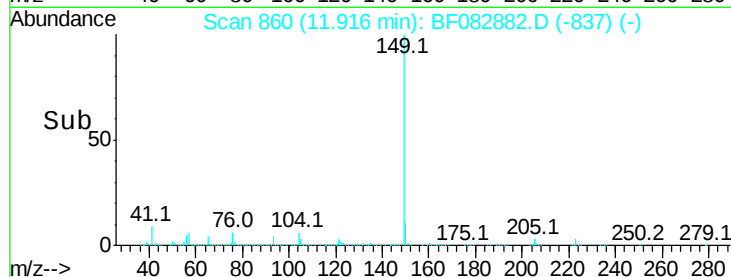
104 5.9 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.14 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

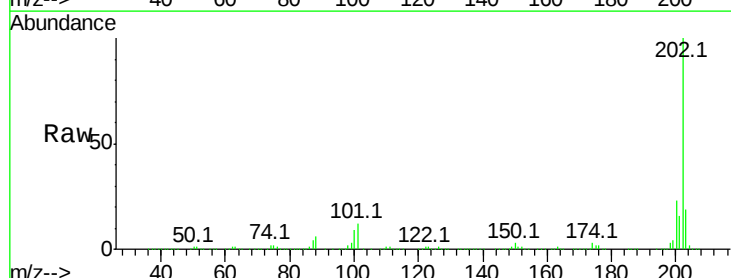
Tgt Ion:202 Resp: 2346462

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.5

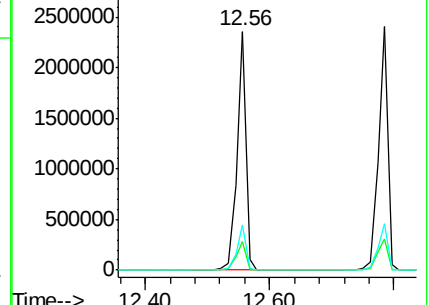
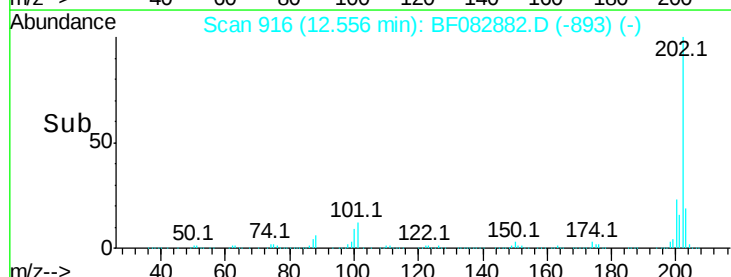
203 19.2 0.0 38.5

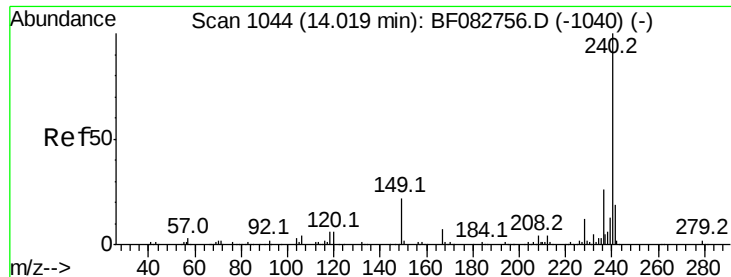


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

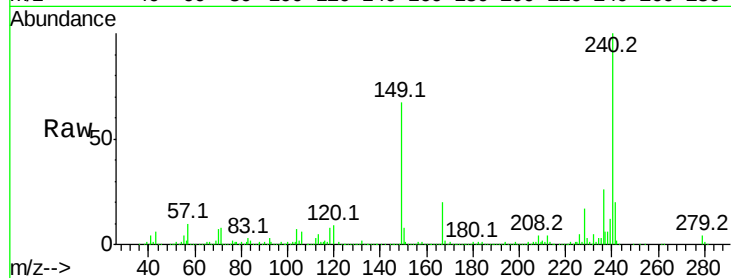
Tot Ion:240 Resp: 833233

Ion Ratio Lower Upper

240 100

120 9.0 10.9 16.3#

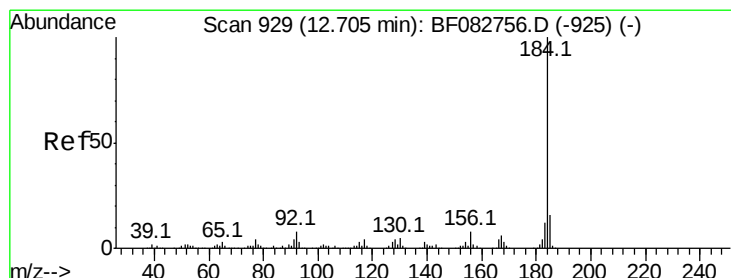
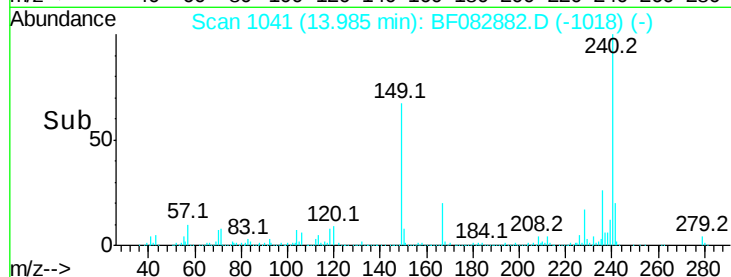
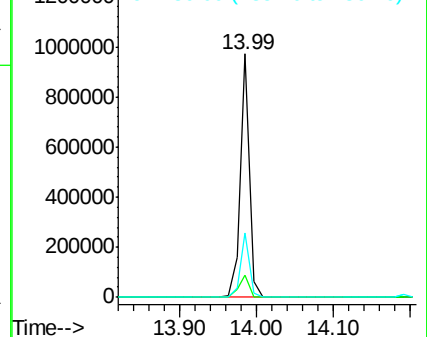
236 26.3 21.6 32.4



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: 22.22 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

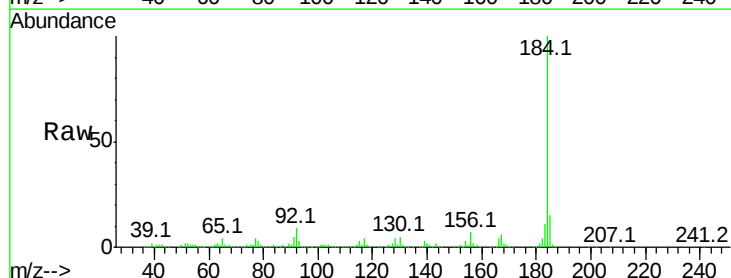
Tgt Ion:184 Resp: 620551

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

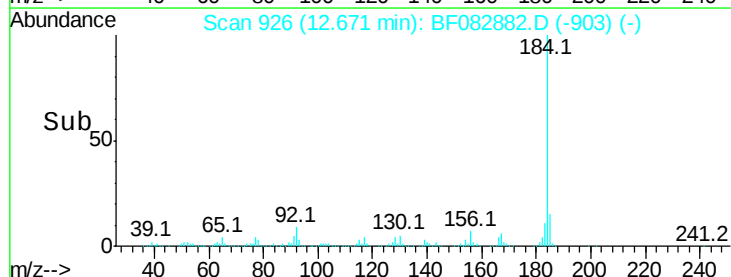
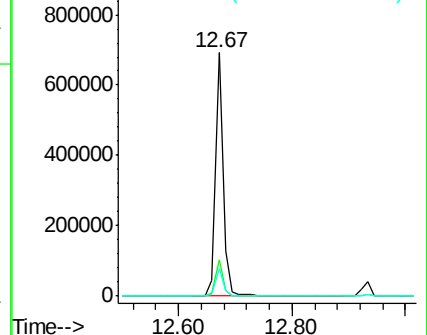
183 11.1 9.6 14.4

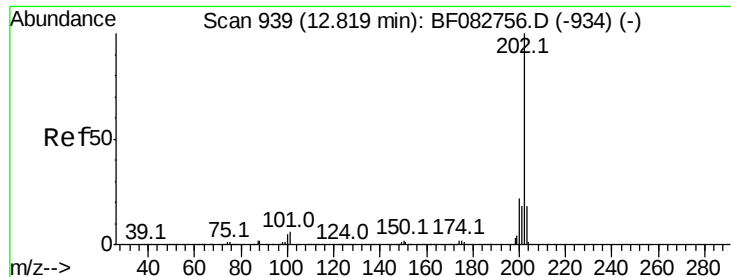


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.62 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

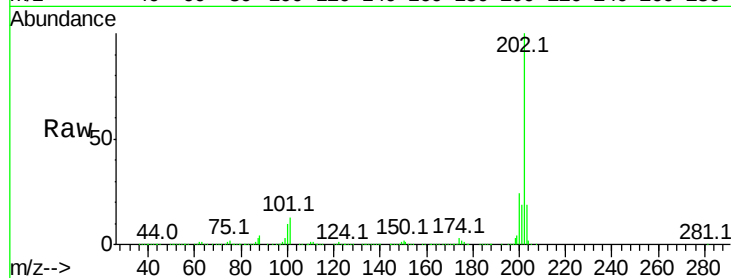
BNA_F

ClientSampleId :

LAR9862-AMS

Tot Ion:202 Resp: 2496187

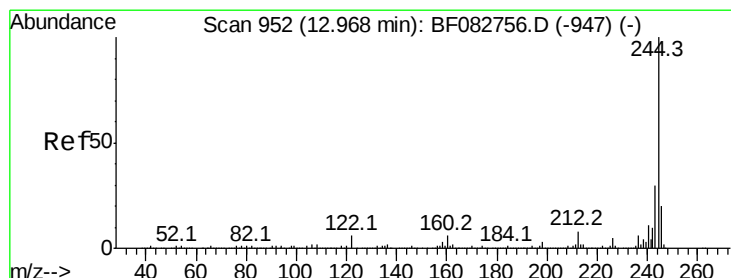
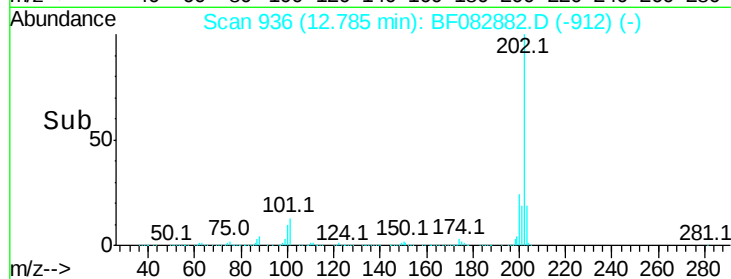
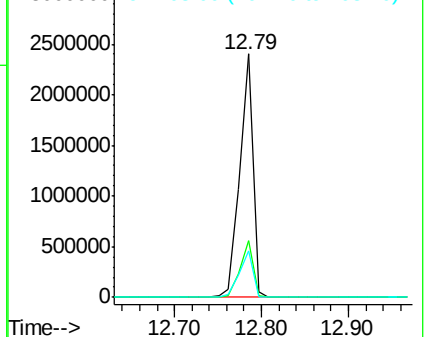
Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.7	28.1
203	19.3	14.8	22.2



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: 75.56 ng

RT: 12.93 min Scan# 949

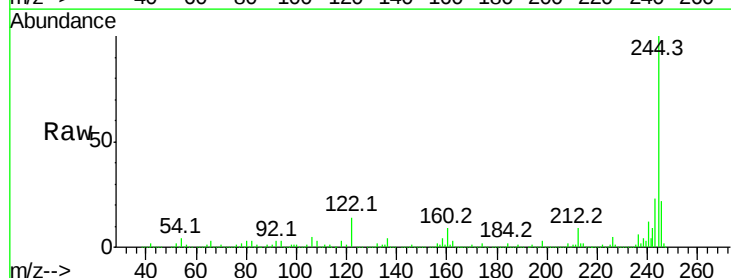
Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Tgt Ion:244 Resp: 2654490

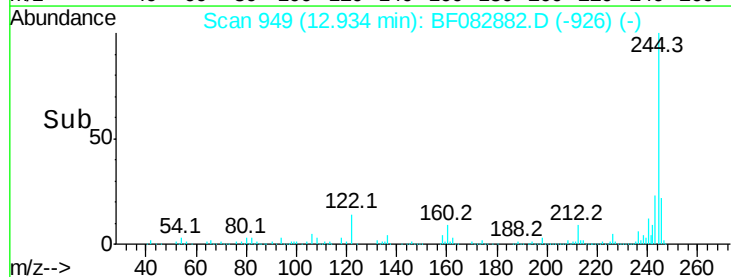
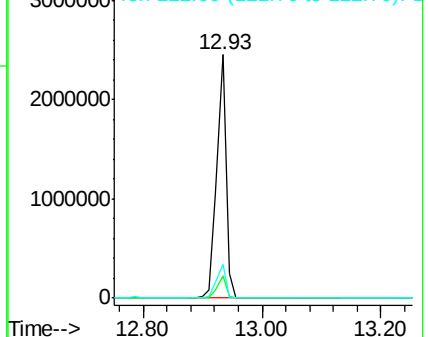
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.6	11.4
122	13.7	11.3	16.9

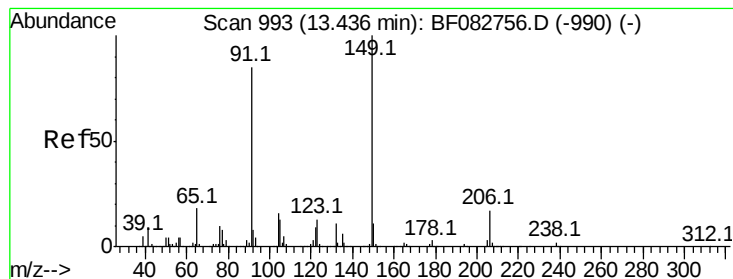


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.51 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

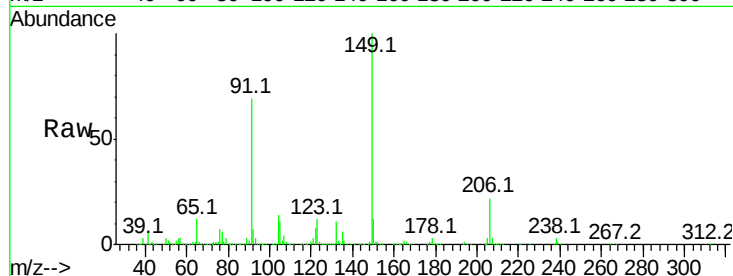
Tot Ion:149 Resp: 1327515

Ion Ratio Lower Upper

149 100

91 69.4 67.7 101.5

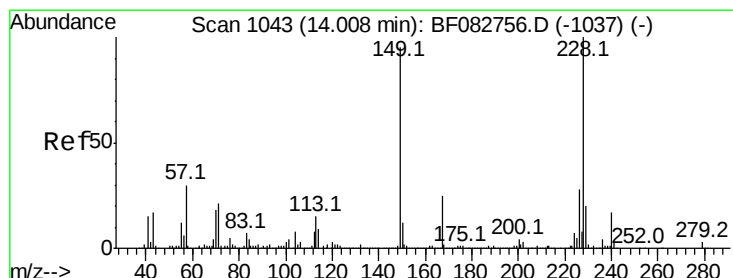
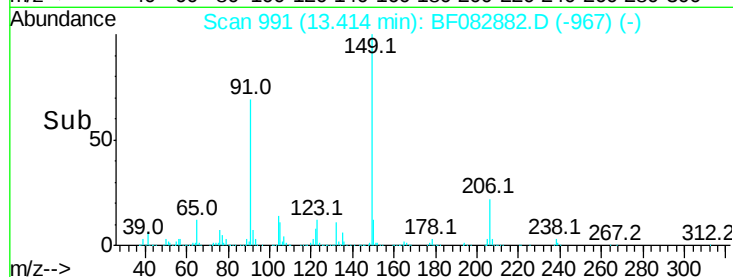
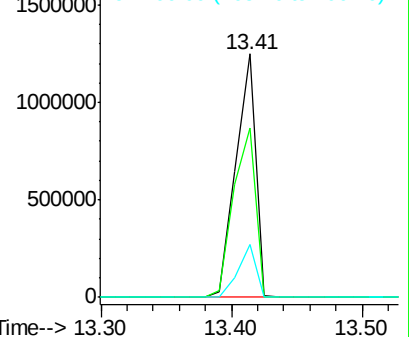
206 21.6 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.96 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

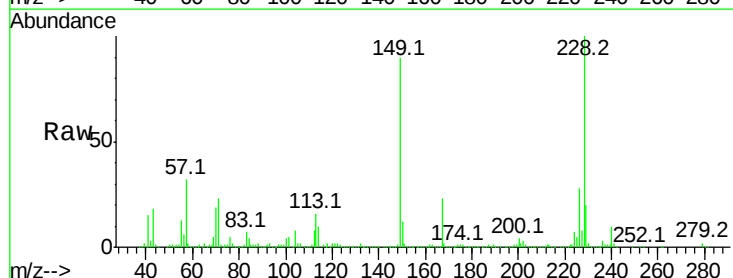
Tgt Ion:228 Resp: 1977811

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

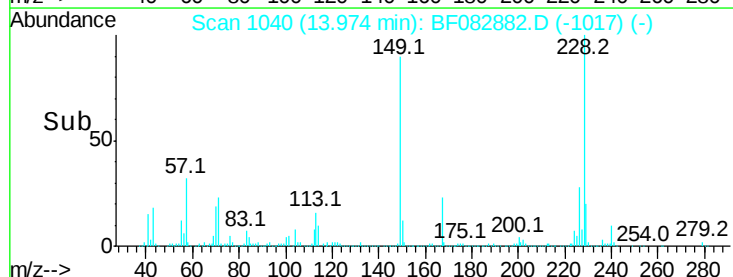
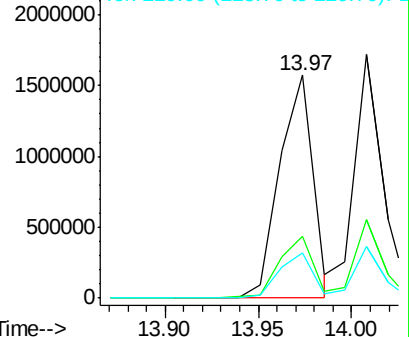
229 20.4 16.3 24.5

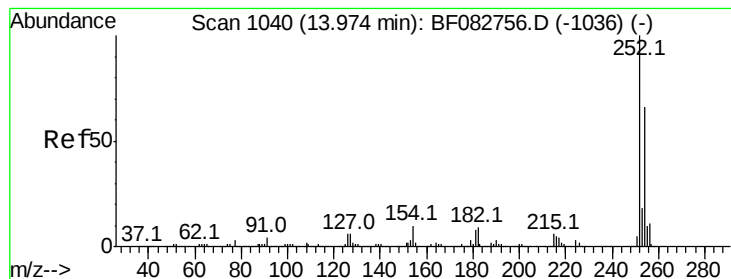


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

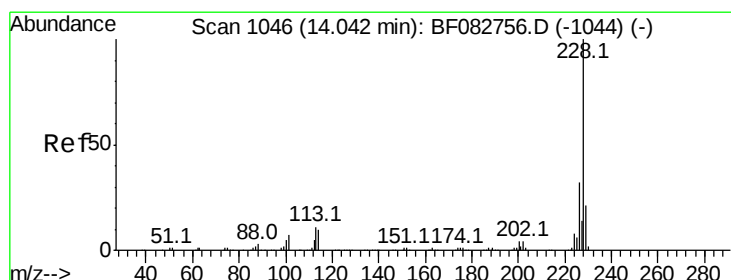
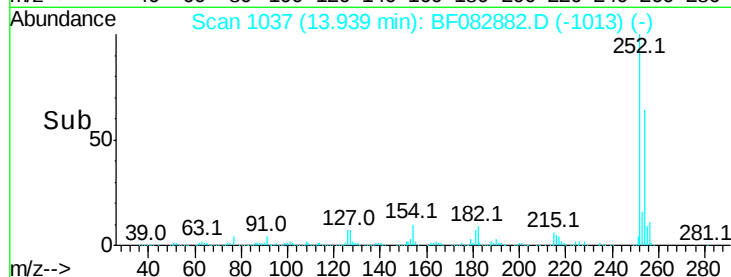
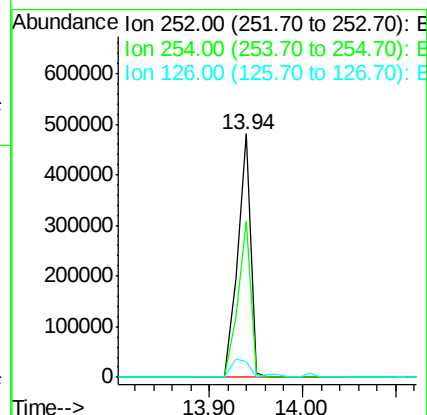
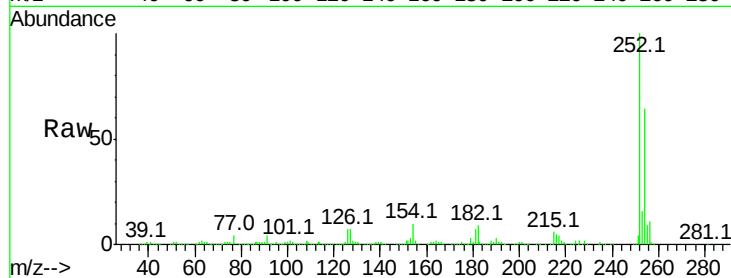




#81
 3,3'-Dichlorobenzidine
 Concen: 25.65 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

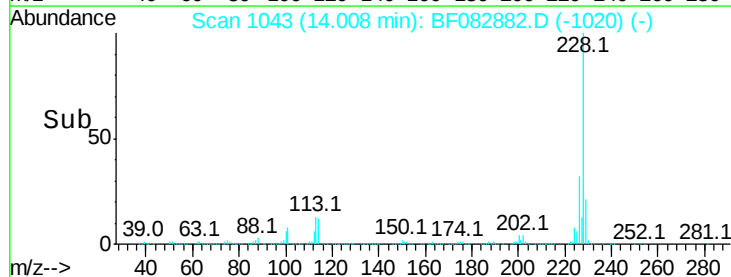
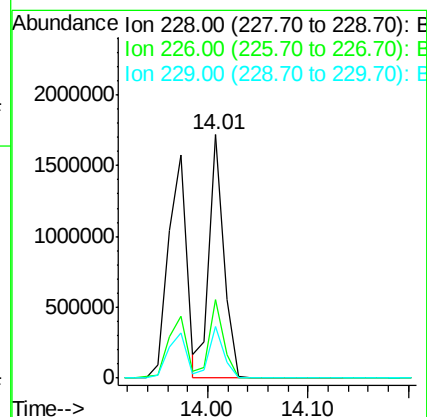
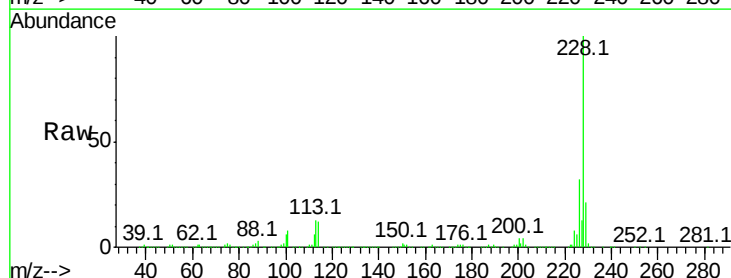
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

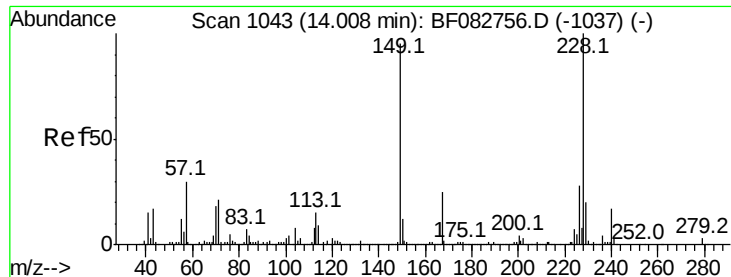
Tot Ion:252 Resp: 475110
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.4 77.0
 126 6.6 10.7 16.1#



#82
 Chrysene
 Concen: 36.82 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:228 Resp: 1757261
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.5 38.3
 229 21.1 16.3 24.5



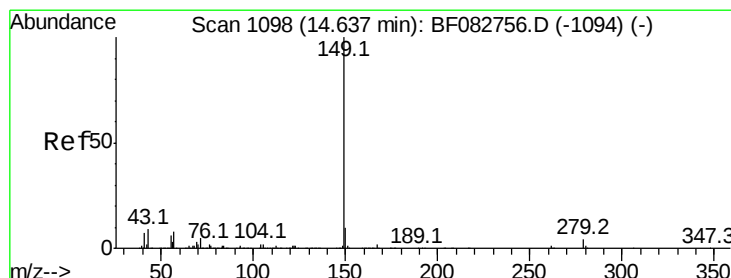
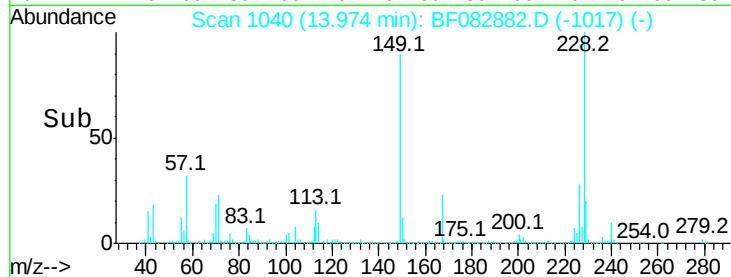
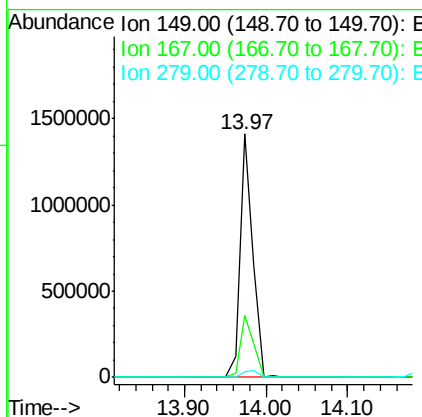
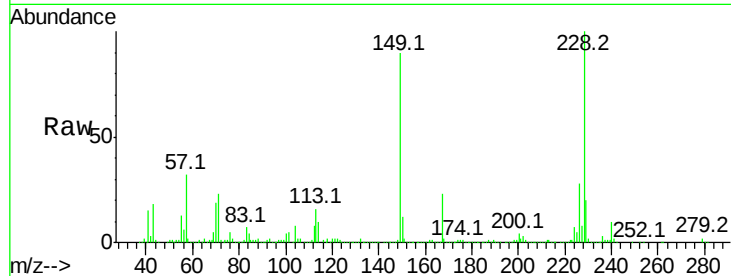


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.85 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

Tot Ion:149 Resp: 1517260

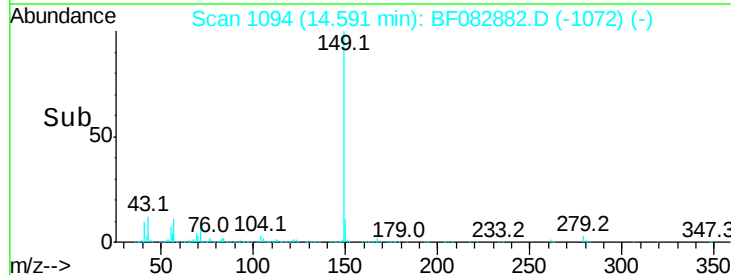
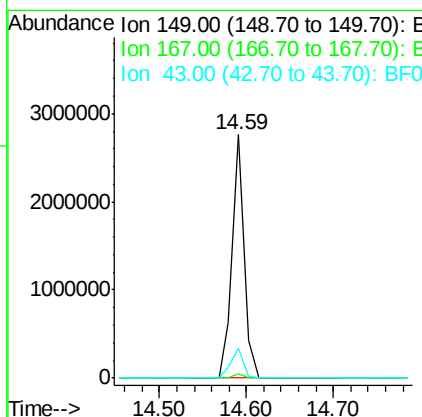
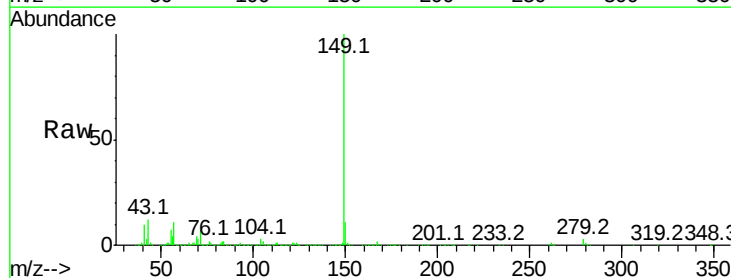
Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.2	31.8
279	2.4	2.2	3.2

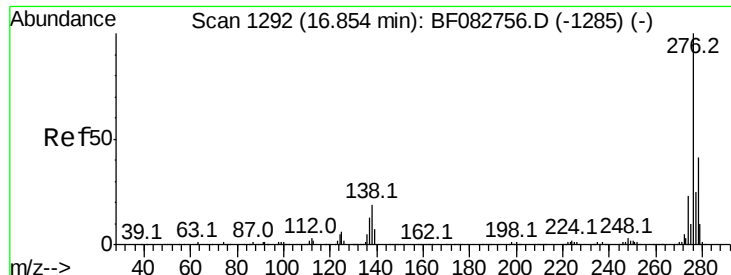


#84
 Di-n-octyl phthalate
 Concen: 45.74 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:149 Resp: 2640002

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.7	10.1	15.1

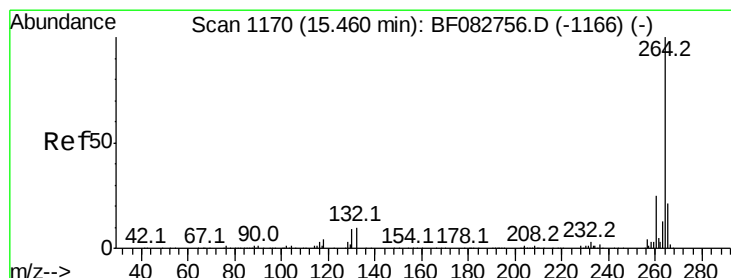
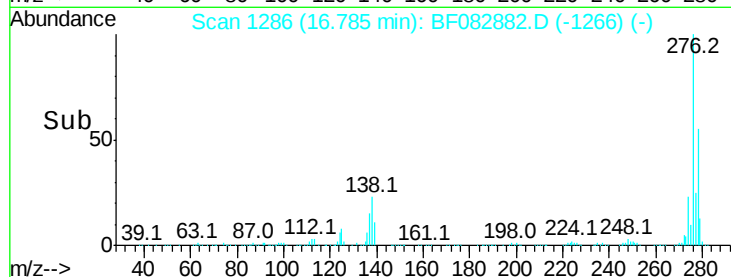
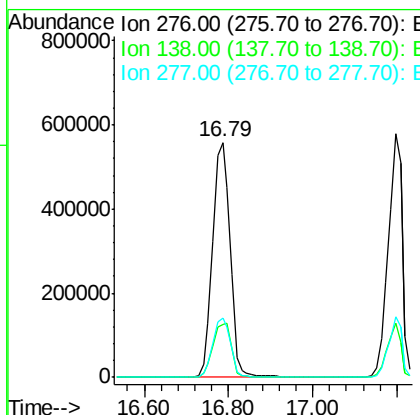
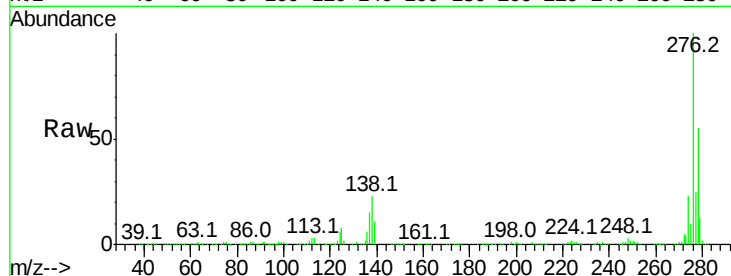




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.84 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.07 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

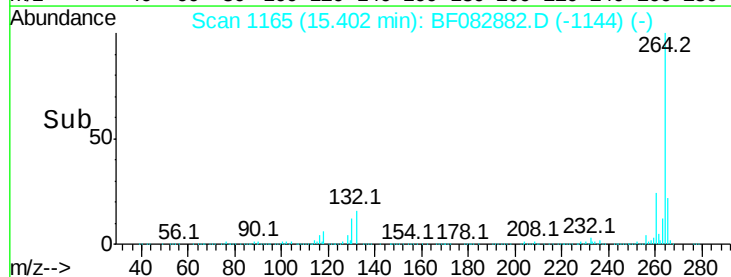
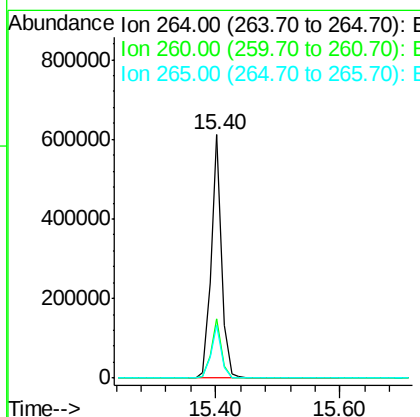
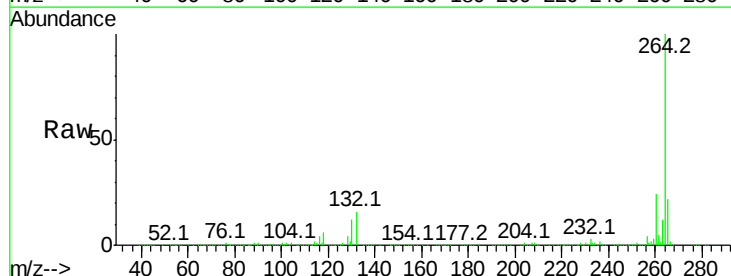
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

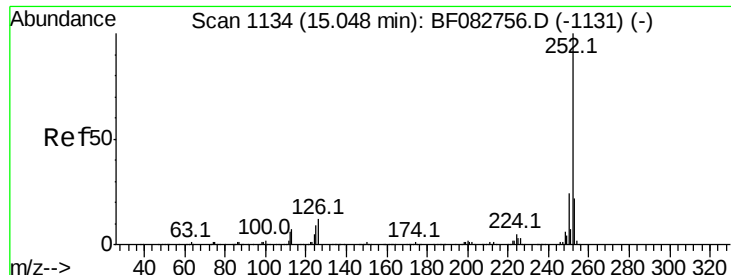
Tot Ion:276 Resp: 1637601
 Ion Ratio Lower Upper
 276 100
 138 24.6 15.3 22.9#
 277 25.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Tgt Ion:264 Resp: 700850
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 37.80 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.05 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

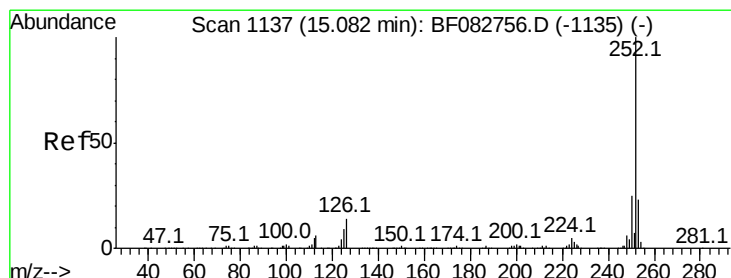
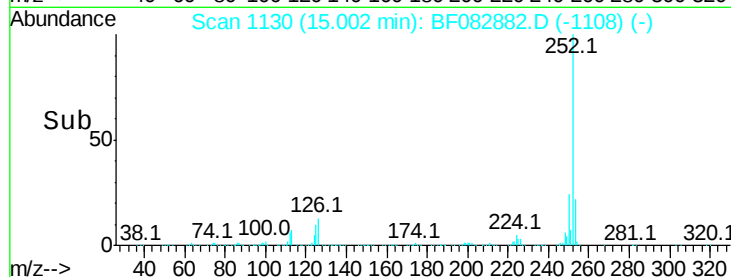
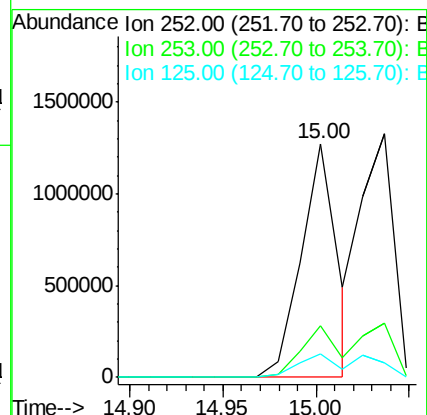
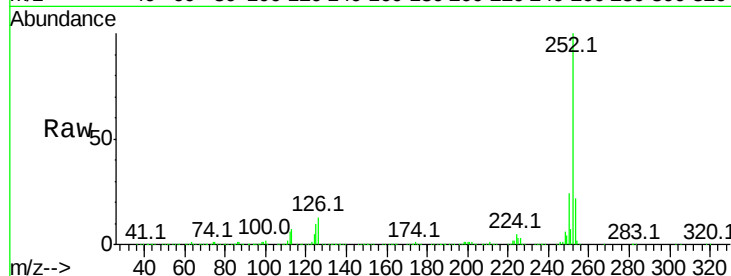
Tot Ion:252 Resp: 1700667

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.9 5.4 8.2#



#88

Benzo(k)fluoranthene

Concen: 41.42 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.05 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

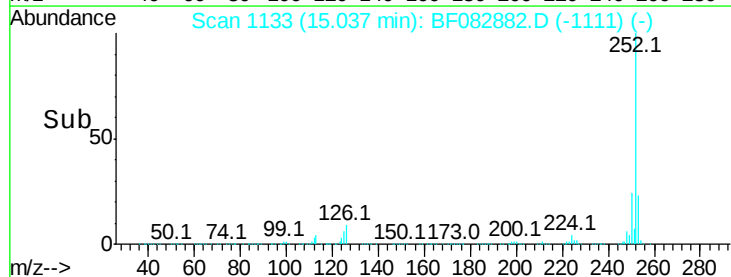
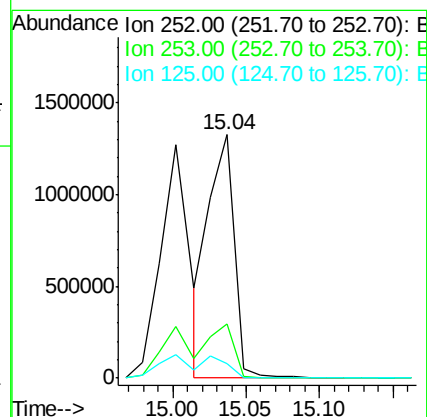
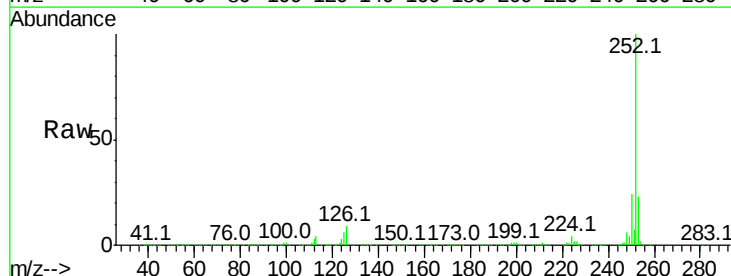
Tgt Ion:252 Resp: 1653033

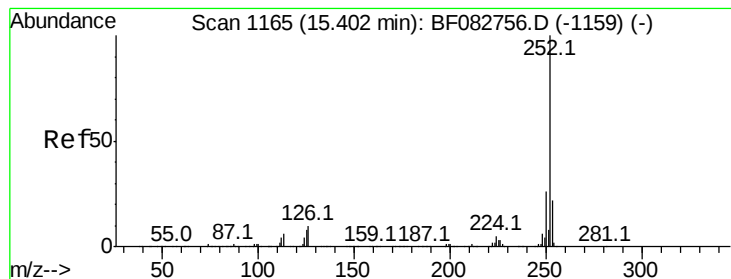
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 5.9 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 38.52 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.06 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

Instrument :

BNA_F

ClientSampleId :

LAR9862-AMS

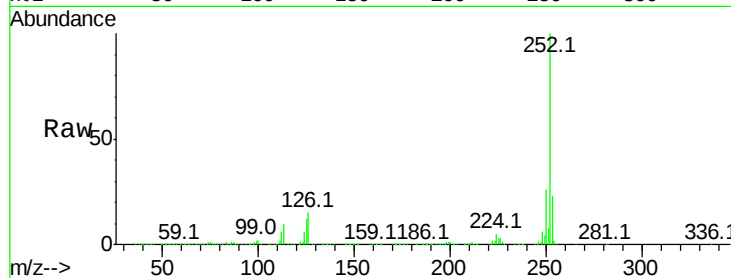
Tot Ion:252 Resp: 1501219

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.6	7.1	10.7

252 100

253 22.7 17.3 25.9

125 11.6 7.1 10.7

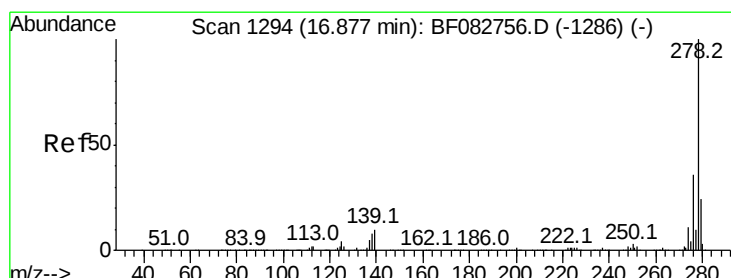
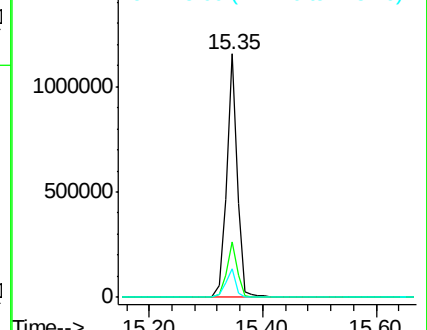
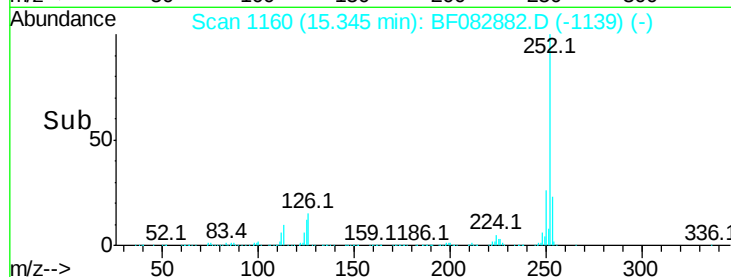


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.25 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.06 min

Lab File: BF082882.D

Acq: 10 Nov 2015 21:14

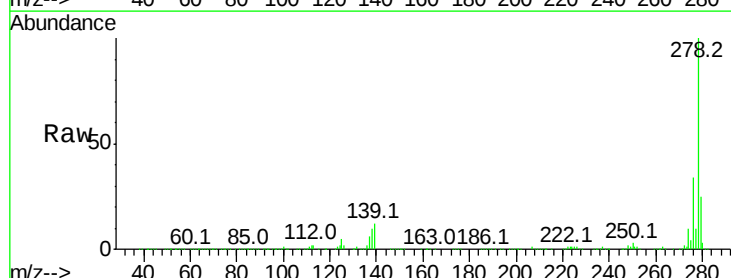
Tgt Ion:278 Resp: 1394428

Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.9	14.9
279	24.5	19.6	29.4

278 100

139 12.0 9.9 14.9

279 24.5 19.6 29.4

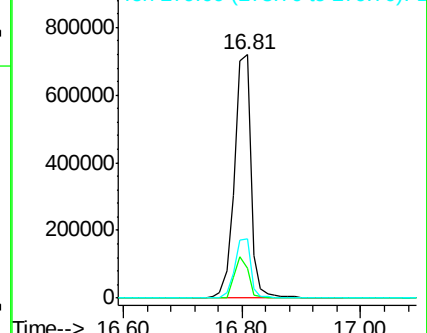
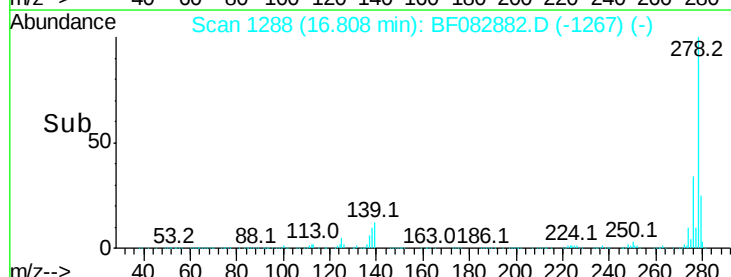


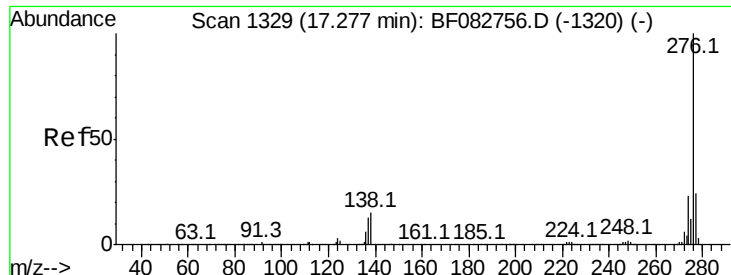
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

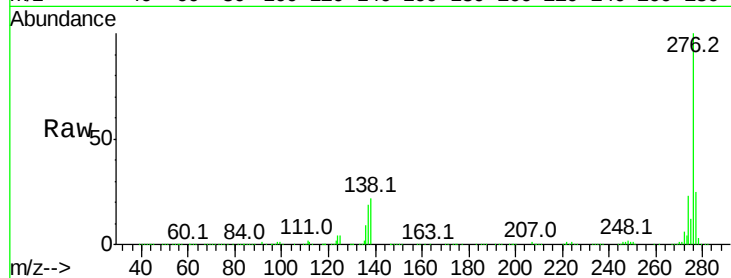




#91
 Benzo(a,h,i)perylene
 Concen: 43.08 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.07 min
 Lab File: BF082882.D
 Acq: 10 Nov 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-AMS

Tot Ion: 276 Resp: 1361768
 Ion Ratio Lower Upper
 276 100
 277 24.6 19.2 28.8
 138 22.5 13.1 19.7#



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

