

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082197.D
 Acq On : 11 Oct 2015 1:42
 Operator : UM/IZ
 Sample : G3906-09MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

Quant Time: Oct 12 03:02:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99608	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	395304	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	196946	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	371397	20.00	ng	0.00
75) Chrysene-d12	14.01	240	341310	20.00	ng	0.00
86) Perylene-d12	15.44	264	276311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	429360	87.00	ng	0.01
7) Phenol-d6	6.47	99	357470	55.66	ng	-0.01
23) Nitrobenzene-d5	7.42	82	622207	105.70	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	273699	148.19	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1236776	104.14	ng	0.00
78) Terphenyl-d14	12.96	244	1284453	99.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	50057	20.19	ng	98
3) Pyridine	3.20	79	110240	19.11	ng	98
4) n-Nitrosodimethylamine	3.15	42	52123	21.31	ng	99
6) Aniline	6.50	93	235186	28.40	ng	97
8) 2-Chlorophenol	6.63	128	240437	39.91	ng	98
9) Benzaldehyde	6.39	77	188448	57.46	ng	97
10) Phenol	6.49	94	136422	18.42	ng	85
11) bis(2-Chloroethyl)ether	6.58	93	288310	46.04	ng	95
12) 1,3-Dichlorobenzene	6.78	146	305759	43.58	ng	99
13) 1,4-Dichlorobenzene	6.86	146	321262	43.84	ng	99
14) 1,2-Dichlorobenzene	7.01	146	287712	41.35	ng	98
15) Benzyl Alcohol	6.98	79	158391	35.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	388678	44.57	ng	98
17) 2-Methylphenol	7.10	107	170478	35.78	ng	98
18) Hexachloroethane	7.35	117	104290	41.58	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	196262	43.51	ng	# 88
20) 3+4-Methylphenols	7.26	107	186516	32.85	ng	# 88
22) Acetophenone	7.26	105	385496	49.30	ng	94
24) Nitrobenzene	7.43	77	273724	42.96	ng	97
25) Isophorone	7.67	82	555953	46.80	ng	99
26) 2-Nitrophenol	7.75	139	161280	50.69	ng	96
27) 2,4-Dimethylphenol	7.78	122	218385	42.61	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	350820	50.75	ng	100
29) 2,4-Dichlorophenol	7.99	162	260181	50.78	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	269126	45.57	ng	97
31) Naphthalene	8.15	128	842607	49.17	ng	100
32) Benzoic acid	7.89	122	53776	15.63	ng	95
33) 4-Chloroaniline	8.21	127	199444	28.03	ng	96
34) Hexachlorobutadiene	8.26	225	162782	44.23	ng	99
35) Caprolactam	8.59	113	12954	8.71	ng	# 87
36) 4-Chloro-3-methylphenol	8.69	107	238070	47.51	ng	90
37) 2-Methylnaphthalene	8.85	142	599285	50.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	266496	45.49	ng	99
40) Hexachlorocyclopentadiene	8.99	237	259230	86.68	ng	99

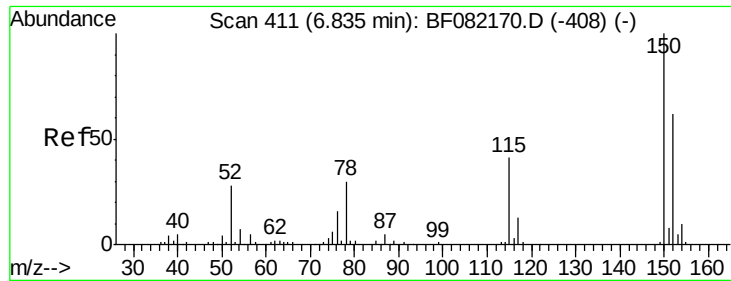
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082197.D
 Acq On : 11 Oct 2015 1:42
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	181089	46.54	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	201497	47.81	nq	97
45) 1,1'-Biphenyl	9.30	154	678001	45.15	nq	99
46) 2-Chloronaphthalene	9.34	162	570956	48.29	nq	99
47) 2-Nitroaniline	9.44	65	164438	50.66	nq	# 59
48) Acenaphthylene	9.75	152	859362	46.66	nq	99
49) Dimethylphthalate	9.61	163	657937	47.44	nq	100
50) 2,6-Dinitrotoluene	9.68	165	151328	51.71	nq	93
51) Acenaphthene	9.92	154	519808	47.01	nq	99
52) 3-Nitroaniline	9.85	138	89100	26.96	nq	97
53) 2,4-Dinitrophenol	9.95	184	133346	81.42	nq	# 78
54) Dibenzofuran	10.09	168	738730	48.67	nq	98
55) 4-Nitrophenol	10.01	139	81540	43.54	nq	85
56) 2,4-Dinitrotoluene	10.08	165	177828	48.62	nq	91
57) Fluorene	10.43	166	601133	48.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	159737	46.39	nq	100
59) Diethylphthalate	10.31	149	617783	47.79	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	268705	47.05	nq	99
61) 4-Nitroaniline	10.47	138	143962	44.90	nq	98
62) Azobenzene	10.58	77	602127	47.59	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	100129	48.04	nq	83
65) n-Nitrosodiphenylamine	10.55	169	513307	46.16	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	179293	48.24	nq	98
67) Hexachlorobenzene	10.98	284	204707	50.92	nq	98
68) Atrazine	11.07	200	167662	47.59	nq	99
69) Pentachlorophenol	11.18	266	211378	102.19	nq	98
70) Phenanthrene	11.39	178	860962	47.29	nq	99
71) Anthracene	11.45	178	1000972	53.36	nq	100
72) Carbazole	11.60	167	817545	47.77	nq	99
73) Di-n-butylphthalate	11.93	149	1017726	48.21	nq	100
74) Fluoranthene	12.58	202	980214	50.13	nq	99
76) Benzidine	12.71	184	337247	34.10	nq	98
77) Pyrene	12.81	202	939582	46.39	nq	99
79) Butylbenzylphthalate	13.43	149	439010	47.49	nq	99
80) Benzo(a)anthracene	14.00	228	843608	47.50	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	198675	29.47	nq	99
82) Chrysene	14.04	228	756077	40.41	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	642848	48.75	nq	100
84) Di-n-octyl phthalate	14.60	149	1033648	45.64	nq	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	694160	46.67	nq	100
87) Benzo(b)fluoranthene	15.06	252	1537993	91.49	nq	# 98
88) Benzo(k)fluoranthene	15.06	252	1541318	109.08	nq	100
89) Benzo(a)pyrene	15.38	252	702824	48.65	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	584455	49.37	nq	99
91) Benzo(g,h,i)perylene	17.28	276	563382	48.98	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

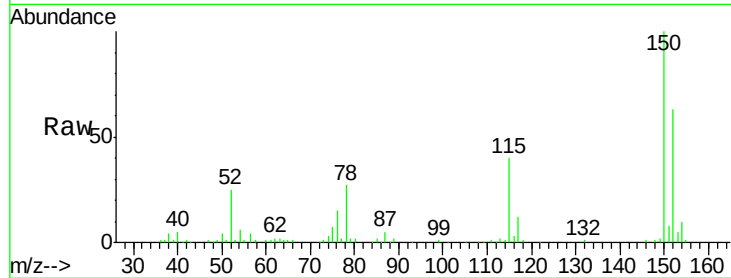
Tot Ion:152 Resp: 99608

Ion Ratio Lower Upper

152 100

150 159.6 129.0 193.4

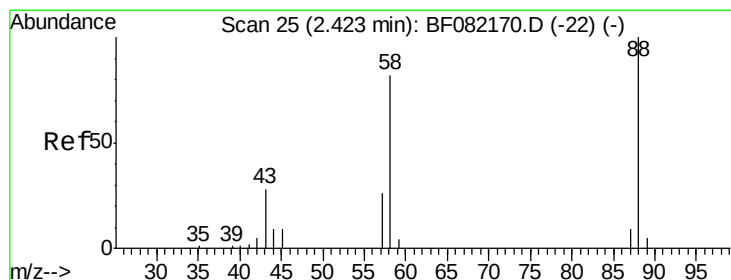
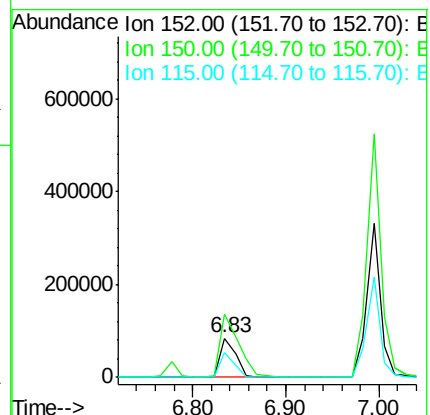
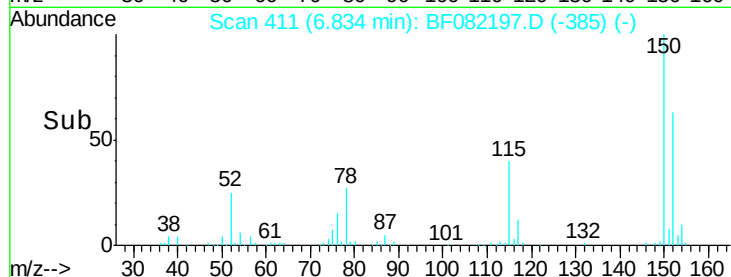
115 63.1 52.1 78.1



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: 20.19 ng

RT: 2.48 min Scan# 30

Delta R.T. 0.06 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

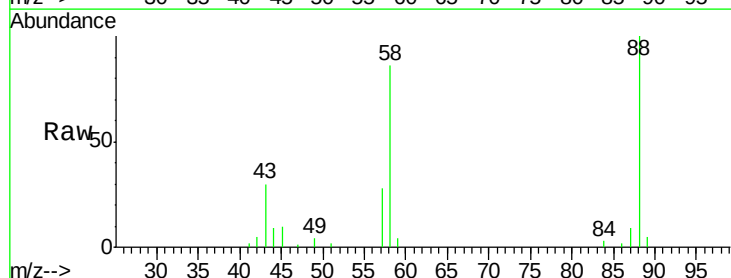
Tgt Ion: 88 Resp: 50057

Ion Ratio Lower Upper

88 100

58 82.8 66.2 99.4

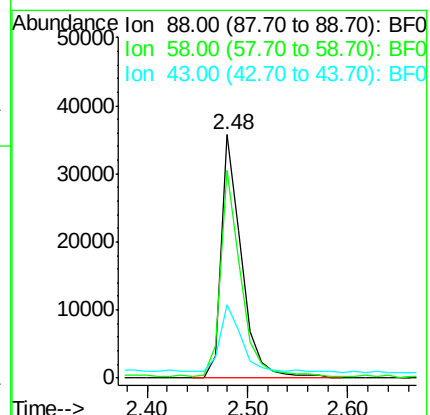
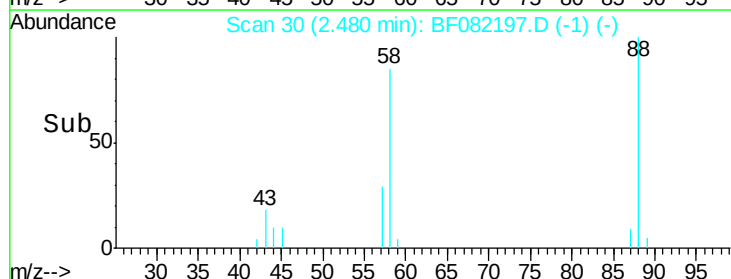
43 31.8 23.0 34.4

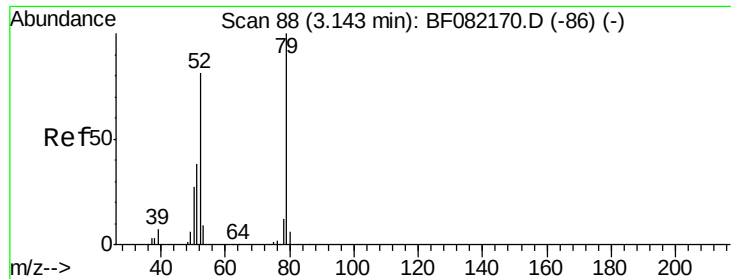


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 19.11 ng

RT: 3.20 min Scan# 93

Delta R.T. 0.06 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

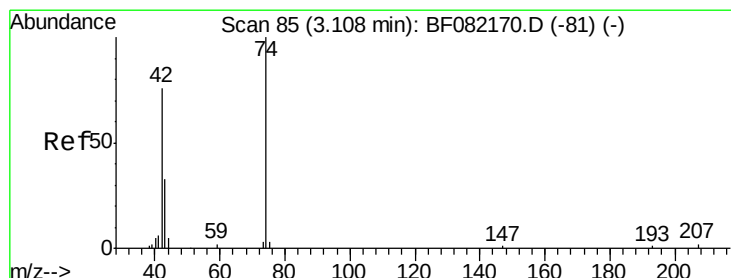
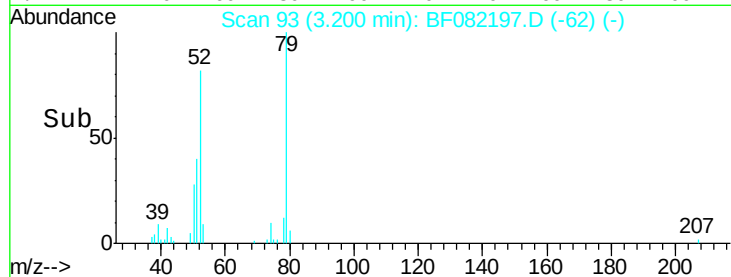
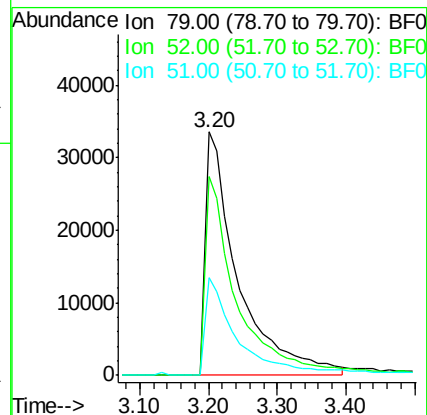
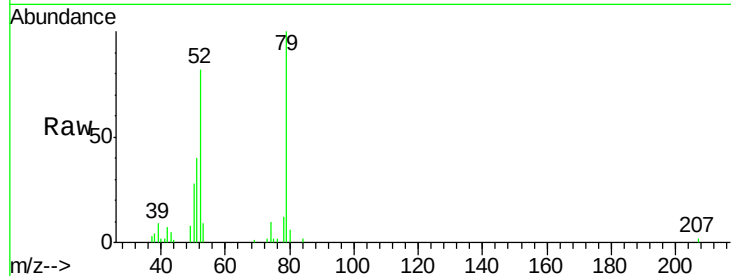
Tot Ion: 79 Resp: 110240

Ion Ratio Lower Upper

79 100

52 81.7 64.4 96.6

51 40.0 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 21.31 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.05 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

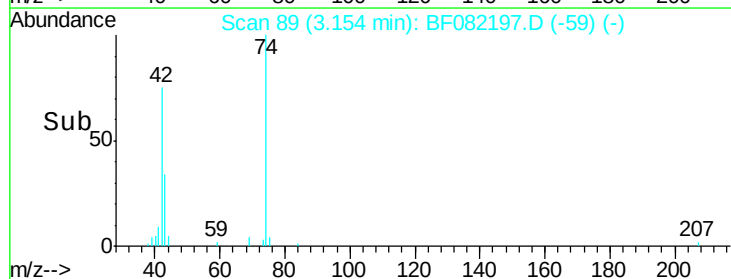
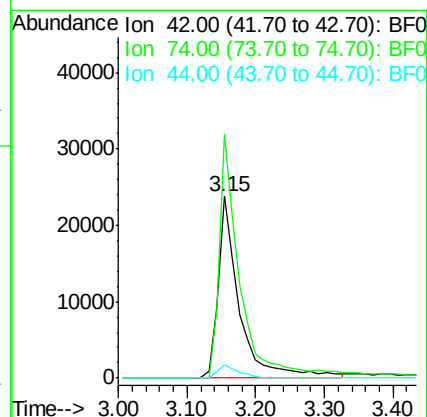
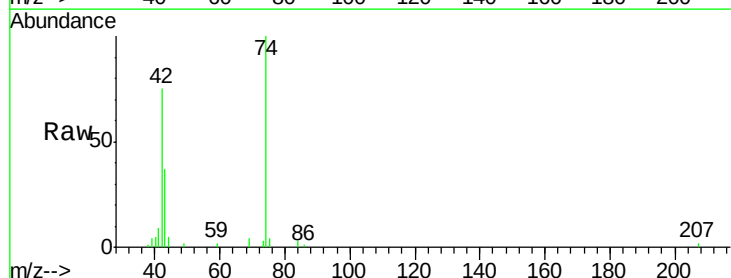
Tgt Ion: 42 Resp: 52123

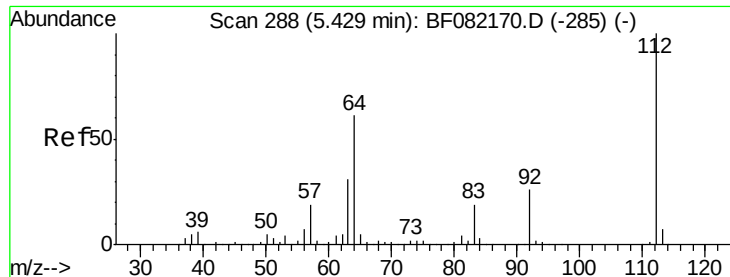
Ion Ratio Lower Upper

42 100

74 133.8 105.7 158.5

44 7.3 5.4 8.2





#5

2-Fluorophenol

Concen: 87.00 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

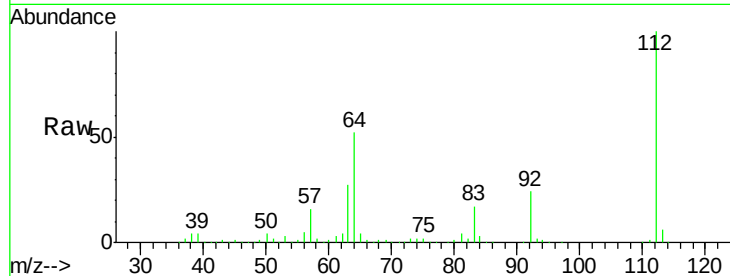
Tot Ion:112 Resp: 429360

Ion Ratio Lower Upper

112 100

64 51.8 48.6 73.0

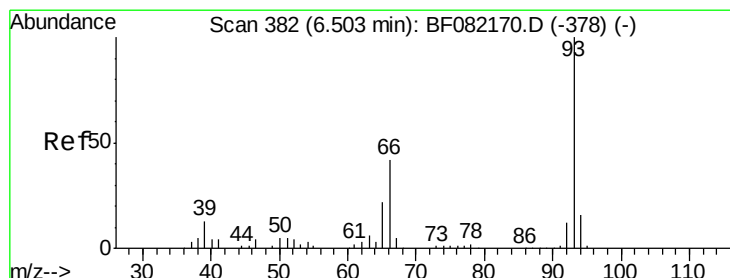
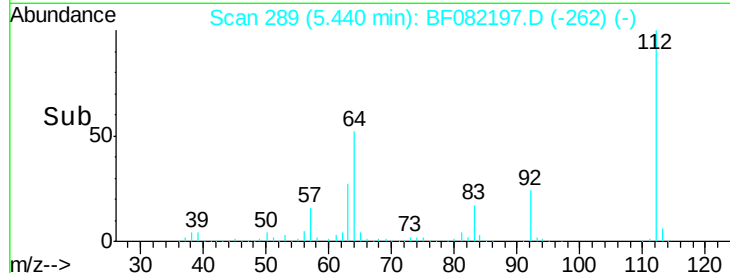
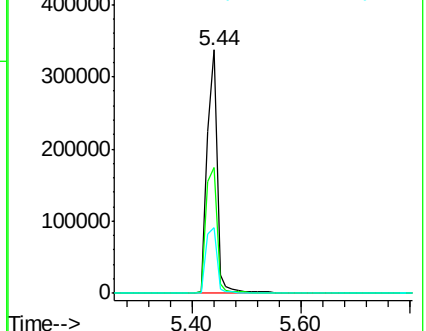
63 27.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.40 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

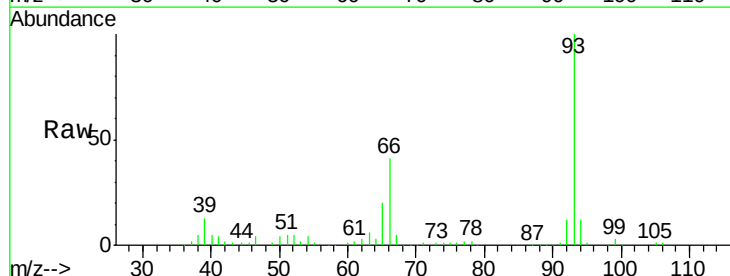
Tgt Ion: 93 Resp: 235186

Ion Ratio Lower Upper

93 100

66 41.0 34.2 51.2

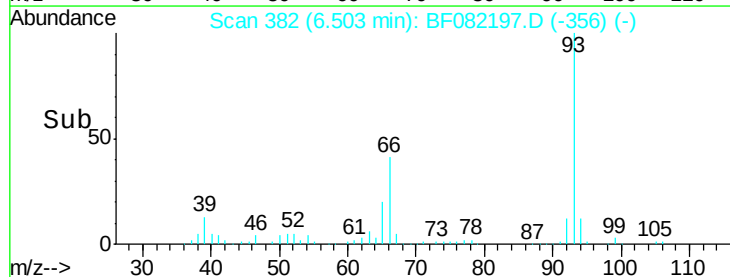
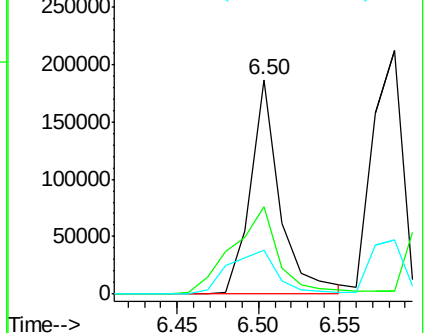
65 20.4 17.9 26.9

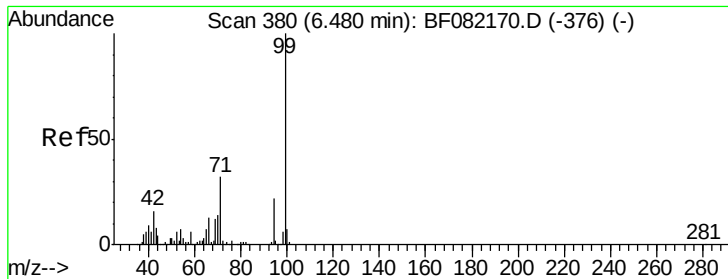


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 55.66 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

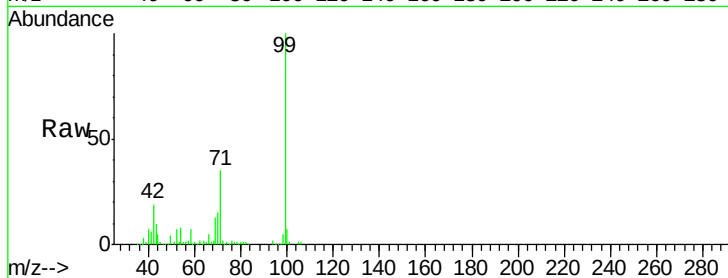
Tot Ion: 99 Resp: 357470

Ion Ratio Lower Upper

99 100

42 19.1 13.2 19.8

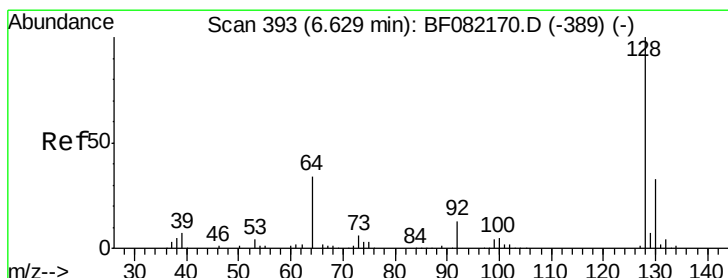
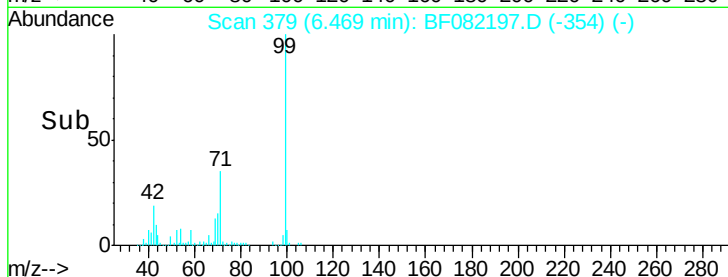
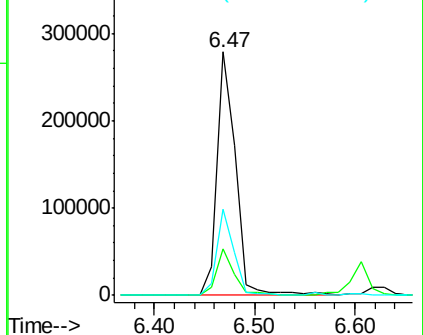
71 35.2 25.6 38.4



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: 39.91 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

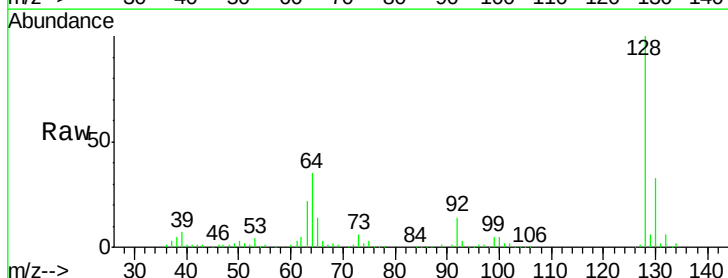
Tgt Ion: 128 Resp: 240437

Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

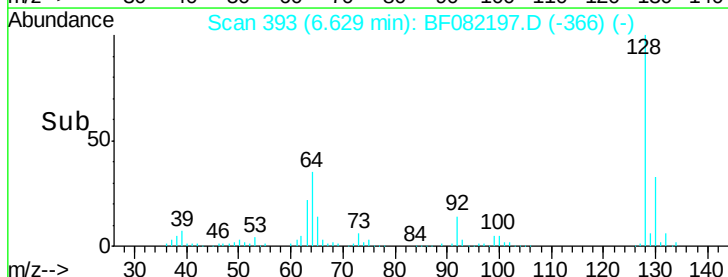
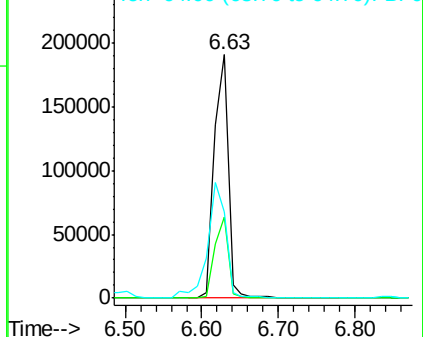
64 35.4 16.7 56.7

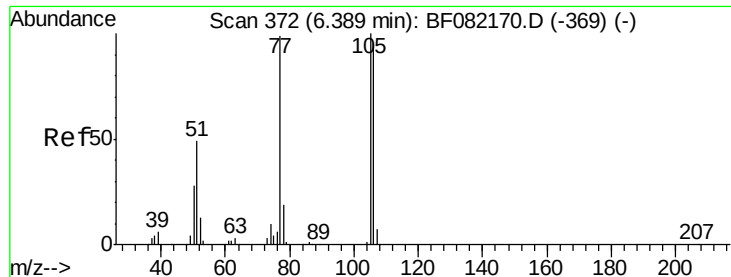


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 57.46 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

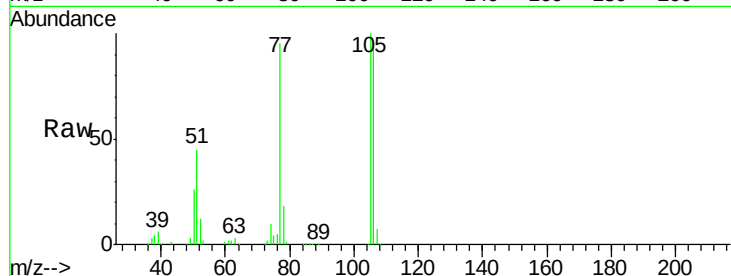
Tot Ion: 77 Resp: 188448

Ion Ratio Lower Upper

77 100

105 105.1 80.6 120.6

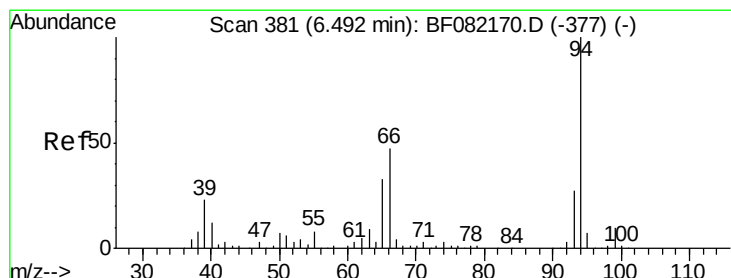
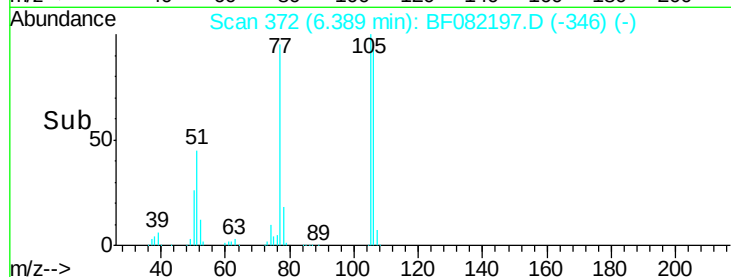
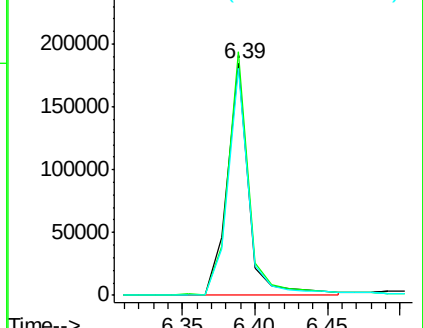
106 97.8 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 18.42 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

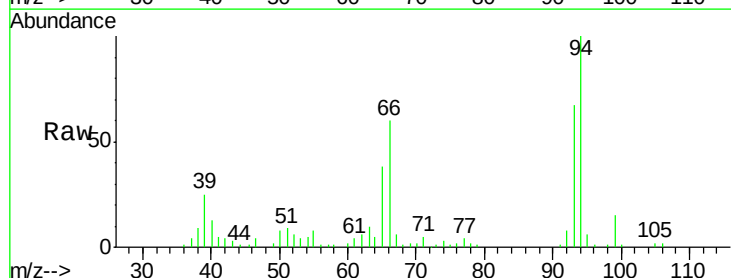
Tgt Ion: 94 Resp: 136422

Ion Ratio Lower Upper

94 100

65 37.7 12.6 52.6

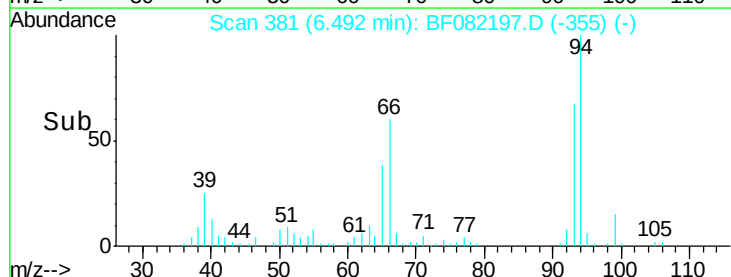
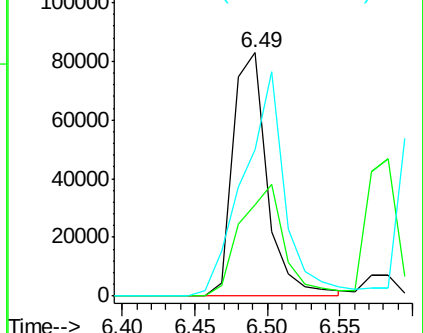
66 60.1 27.3 67.3

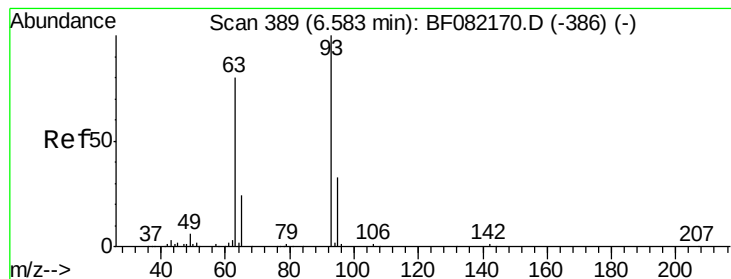


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

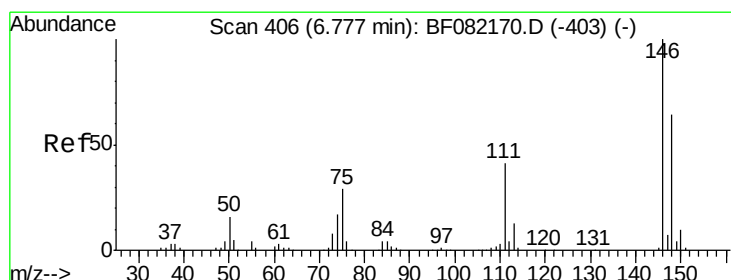
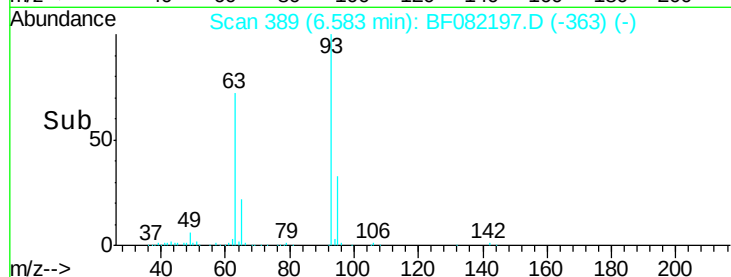
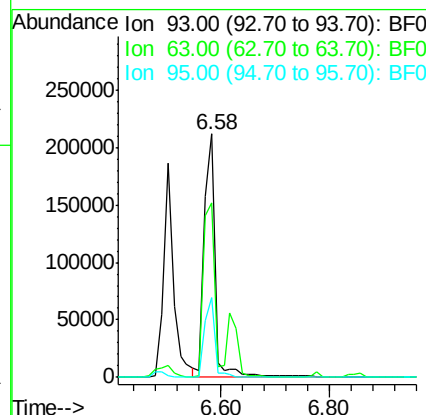
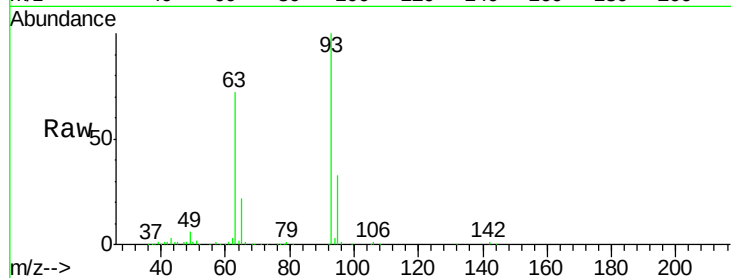




#11
bis(2-Chloroethyl)ether
Concen: 46.04 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

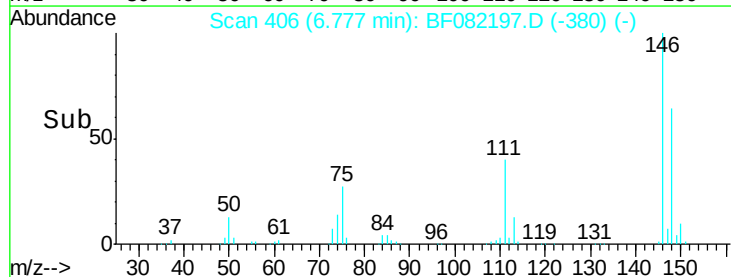
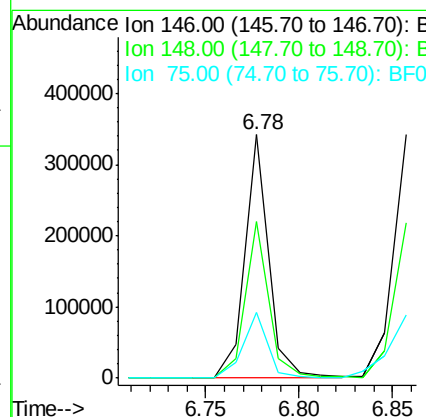
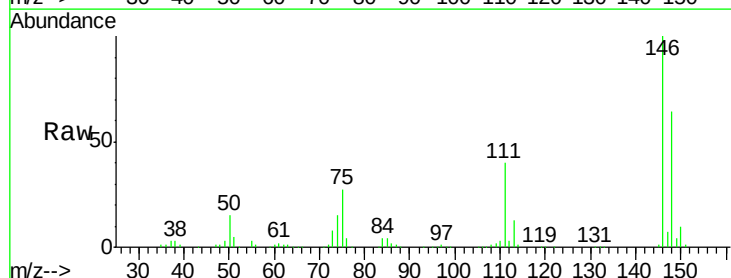
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

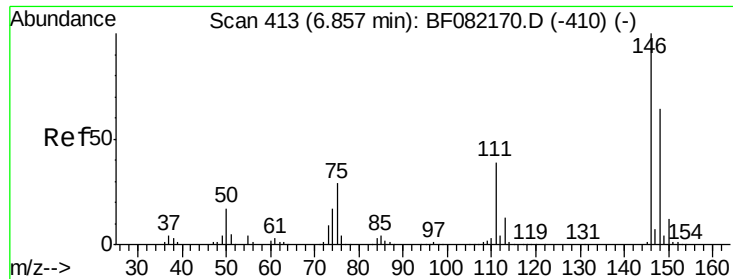
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	57.1	97.1
95	32.6	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 43.58 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	26.8	23.0	34.6

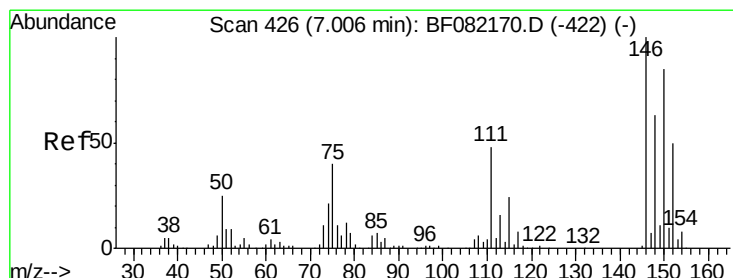
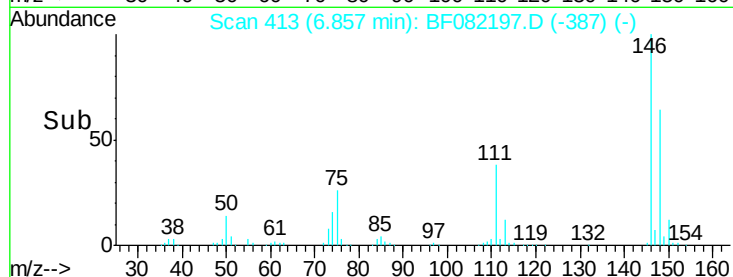
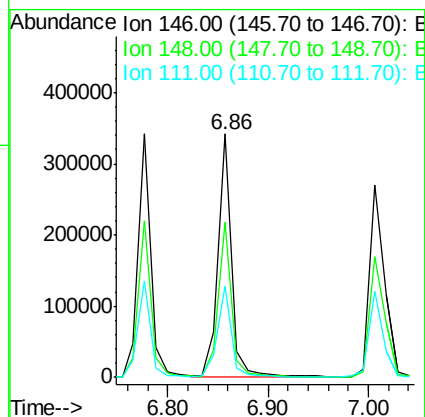
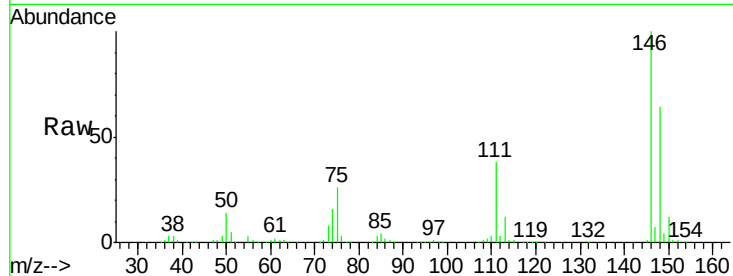




#13
 1,4-Dichlorobenzene
 Concen: 43.84 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

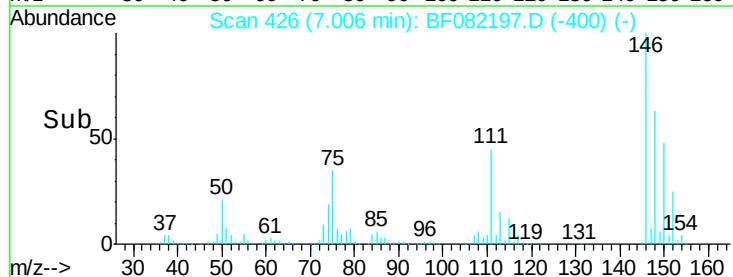
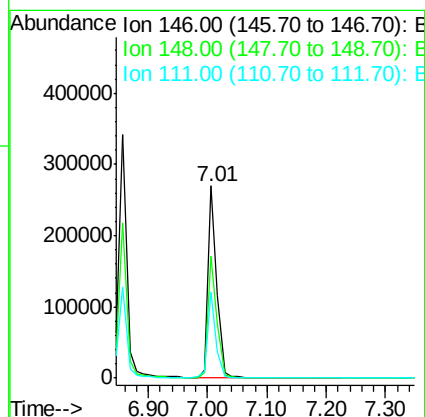
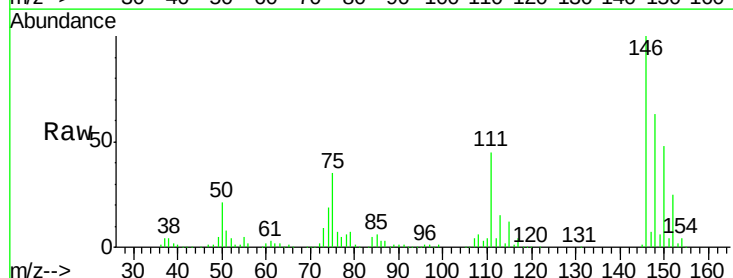
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

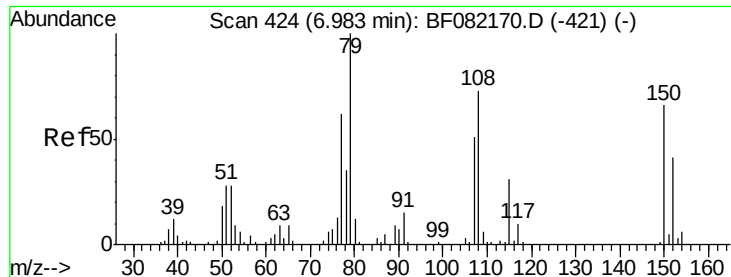
Tot Ion:146 Resp: 321262
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.4
 111 37.5 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 41.35 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion:146 Resp: 287712
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.5 75.7
 111 45.1 38.5 57.7

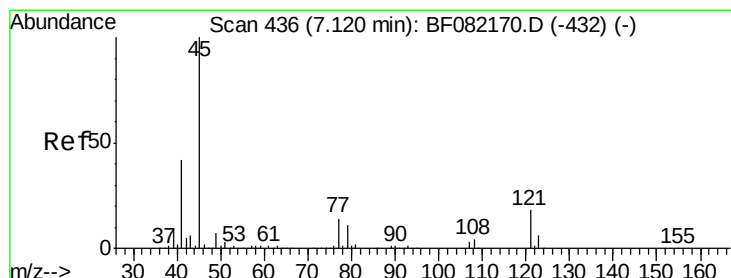
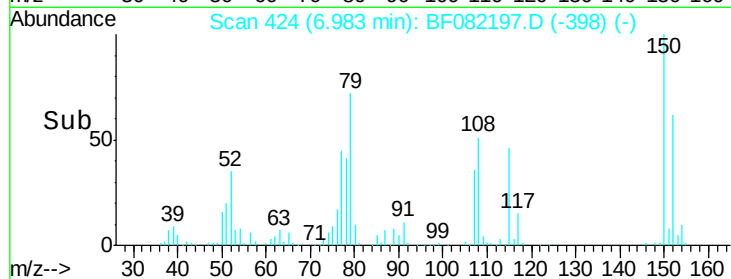
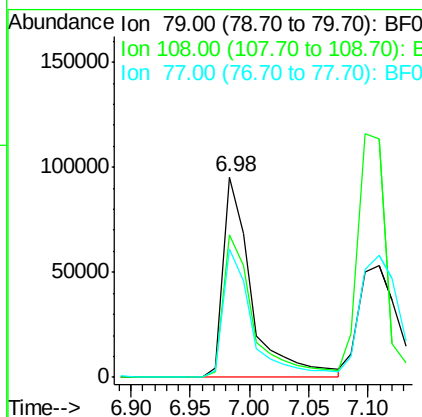
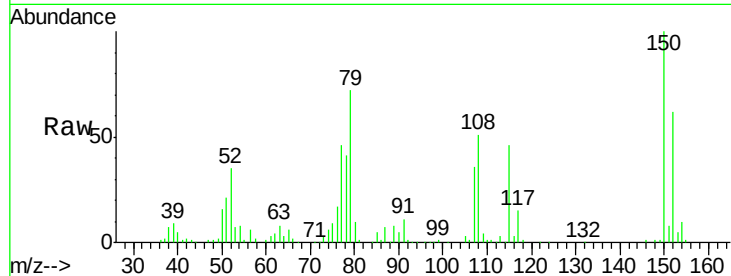




#15
Benzyl Alcohol
Concen: 35.72 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

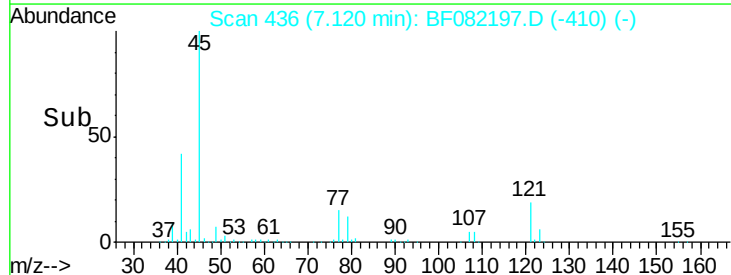
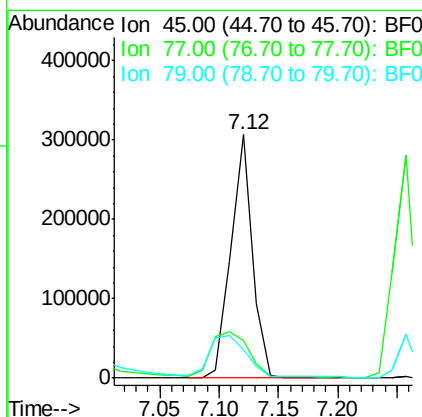
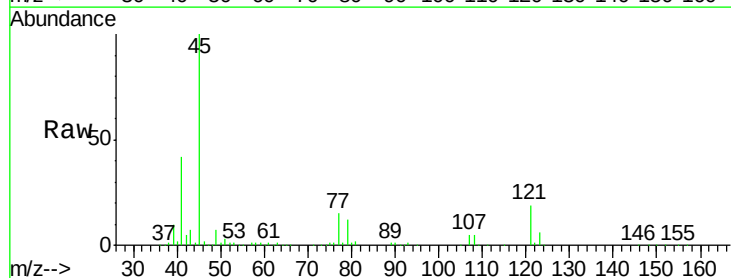
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

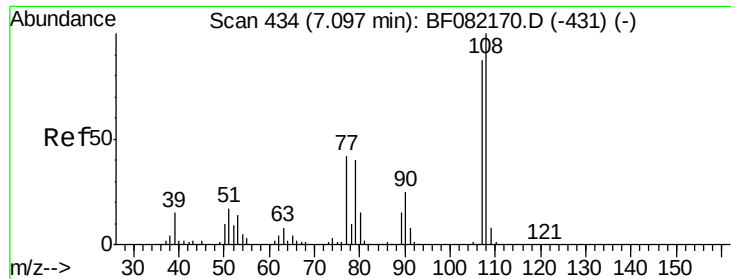
Tot Ion: 79 Resp: 158391
Ion Ratio Lower Upper
79 100
108 70.9 58.4 87.6
77 63.9 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.57 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 45 Resp: 388678
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.5
79 11.9 0.0 31.6





#17

2-Methylphenol

Concen: 35.78 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

Tot Ion:107 Resp: 170478

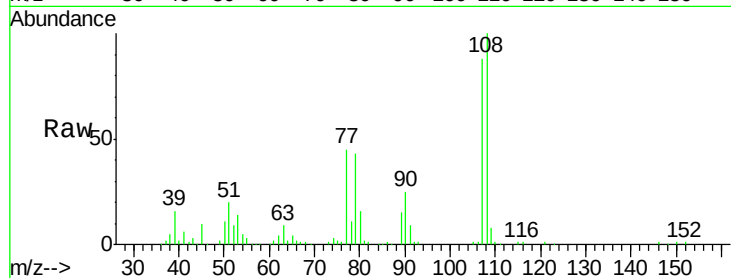
Ion Ratio Lower Upper

107 100

108 113.8 92.2 138.2

77 50.7 39.6 59.4

79 49.1 38.2 57.4

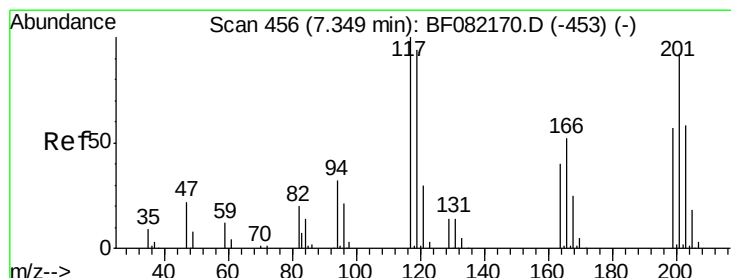
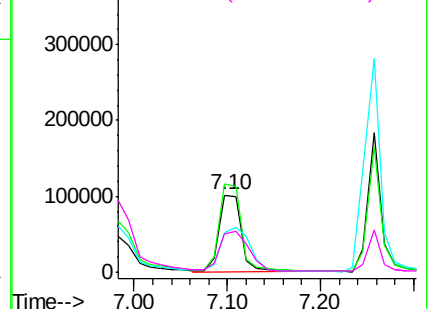
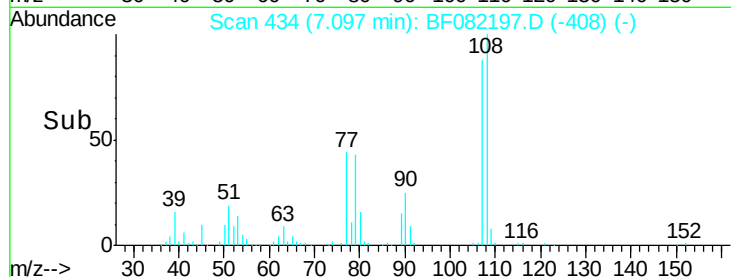


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.58 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

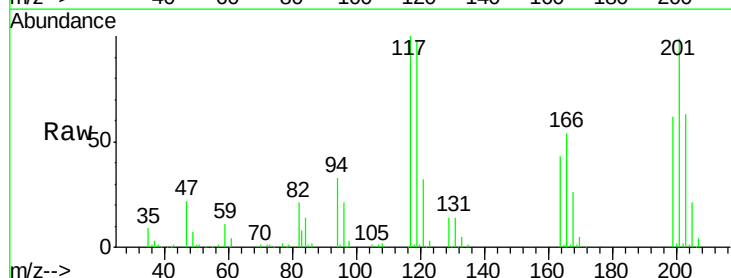
Tgt Ion:117 Resp: 104290

Ion Ratio Lower Upper

117 100

119 97.9 75.4 113.2

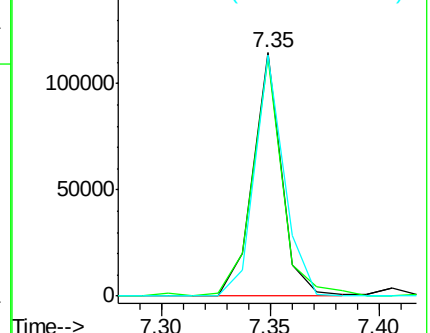
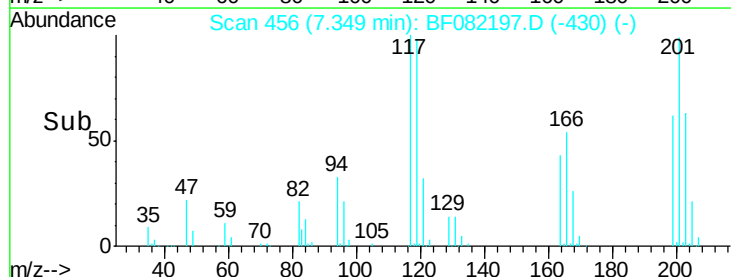
201 98.8 73.4 110.0

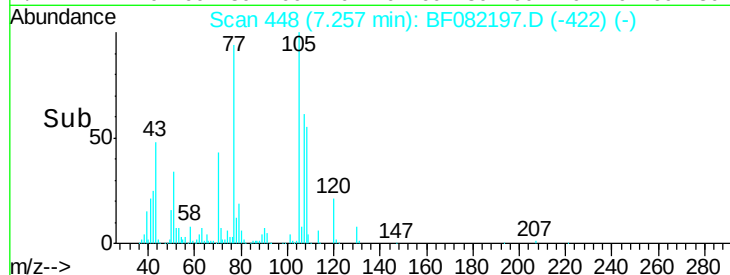
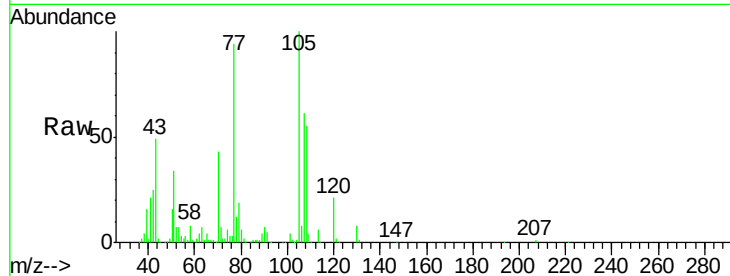
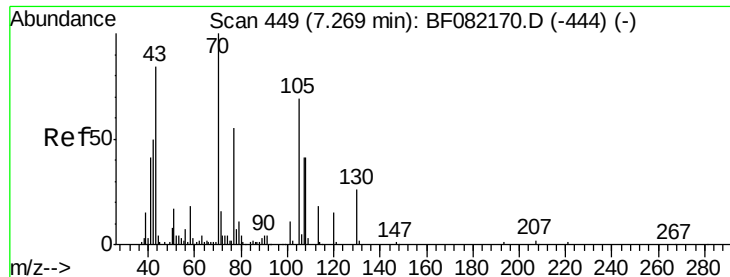


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

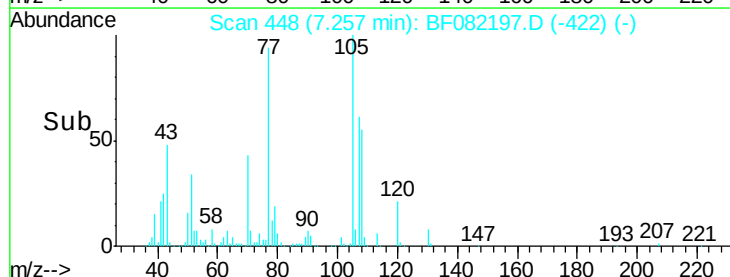
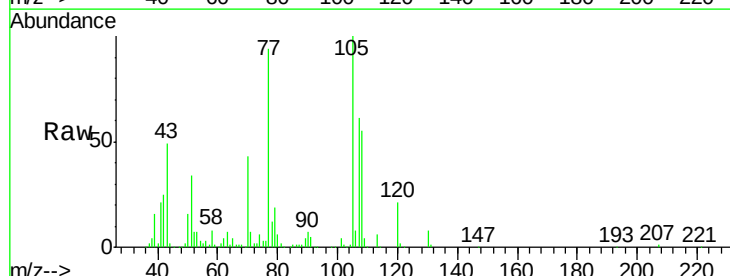
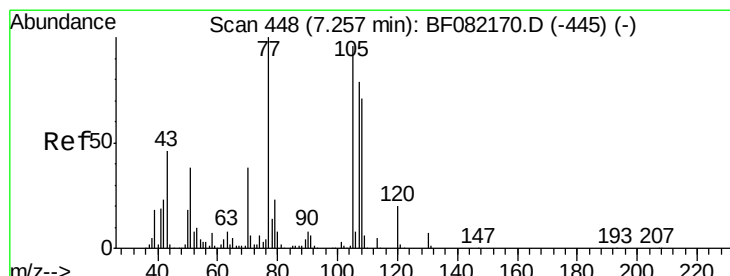
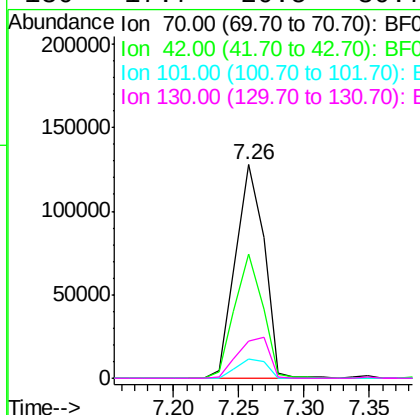




#19
n-Nitroso-di-n-propylamine
Concen: 43.51 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

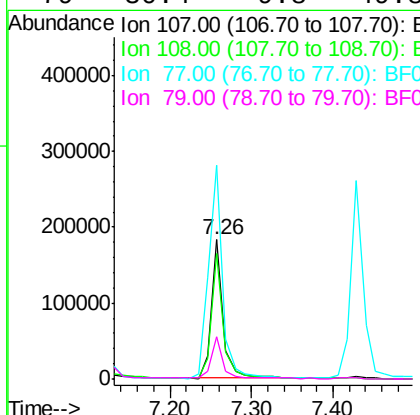
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

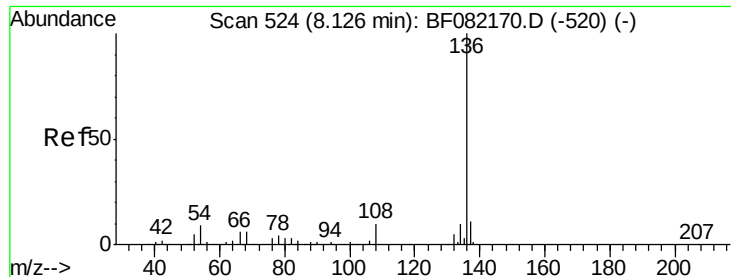
Tot Ion: 70 Resp: 196262
Ion Ratio Lower Upper
70 100
42 58.3 39.8 59.8
101 9.2 8.6 13.0
130 17.7 20.5 30.7#



#20
3+4-Methylphenols
Concen: 32.85 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 107 Resp: 186516
Ion Ratio Lower Upper
107 100
108 89.9 69.9 109.9
77 153.5 106.0 146.0#
79 30.4 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

Tot Ion:136 Resp: 395304

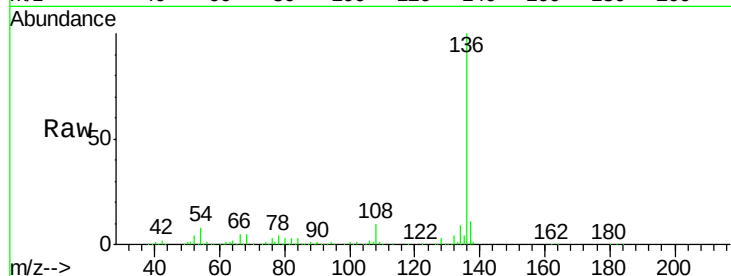
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.4 7.5 11.3

68 5.5 4.6 7.0

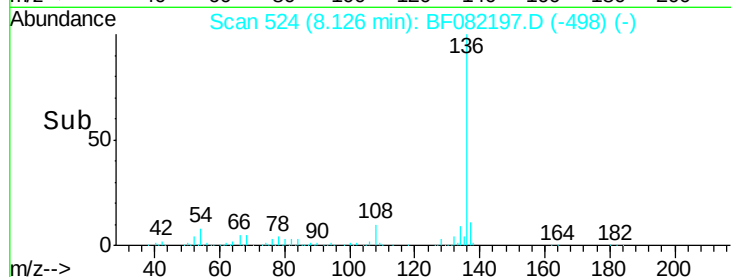


Abundance Ion 136.00 (135.70 to 136.70): E

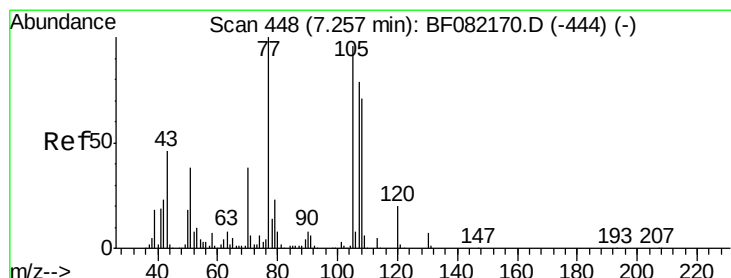
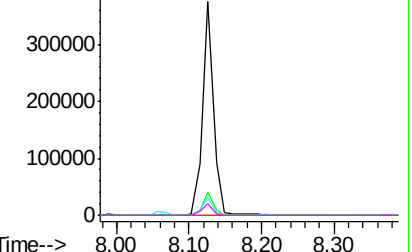
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 49.30 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Tgt Ion:105 Resp: 385496

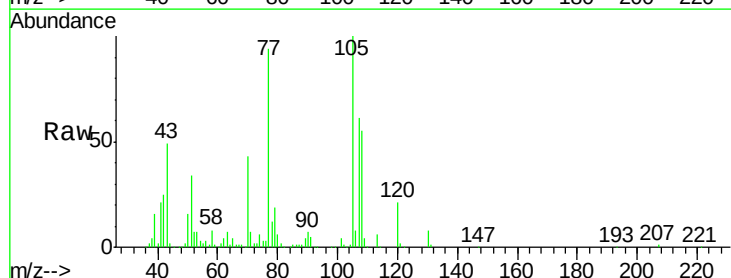
Ion Ratio Lower Upper

105 100

71 7.0 5.4 8.0

51 33.8 31.8 47.6

120 20.9 16.3 24.5

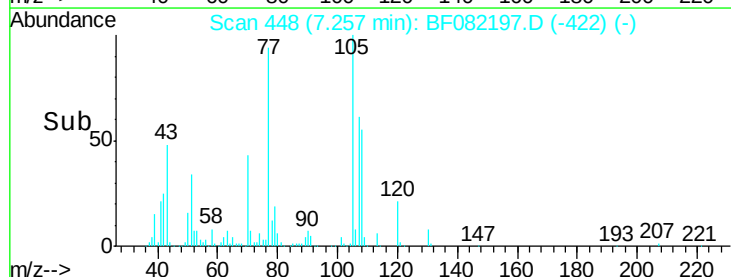


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

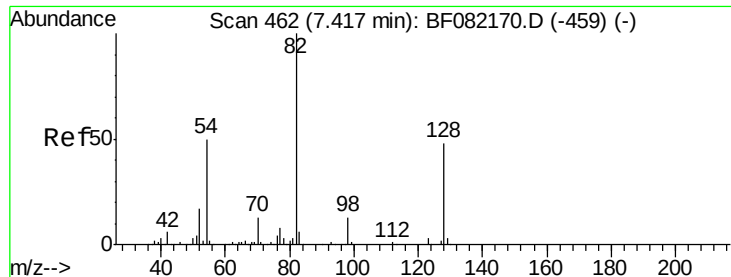
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

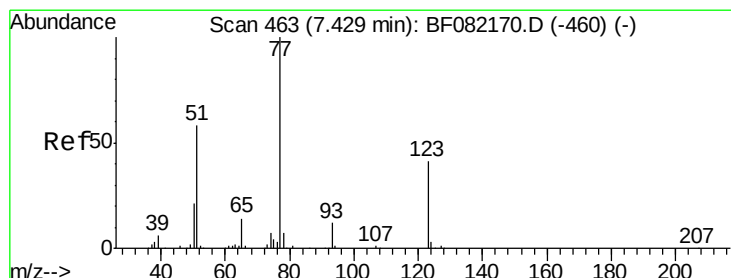
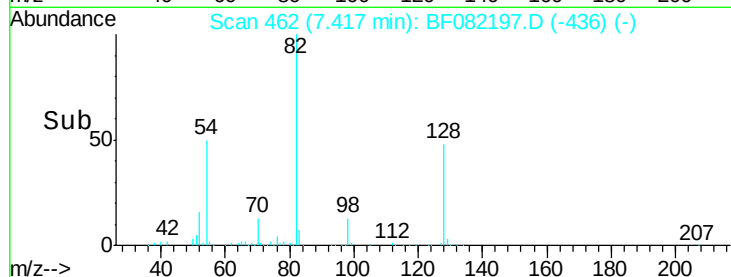
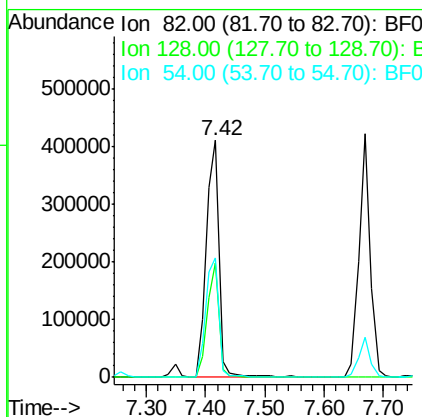
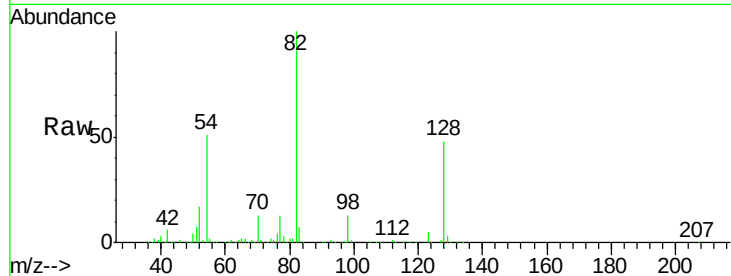




#23
 Nitrobenzene-d5
 Concen: 105.70 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

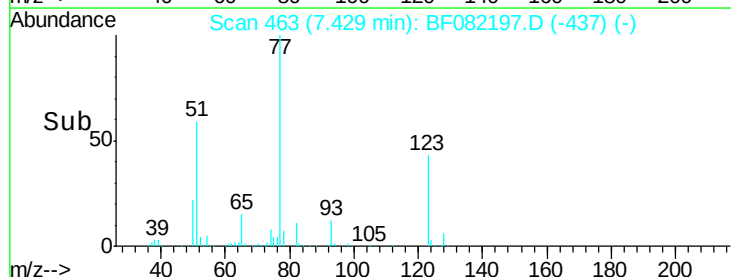
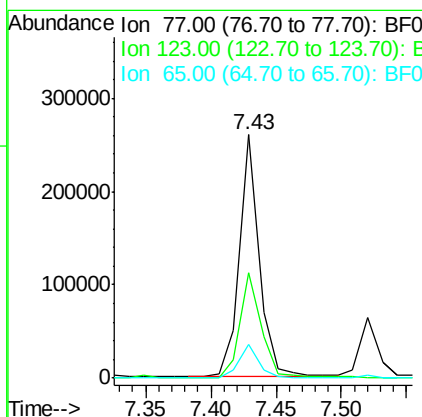
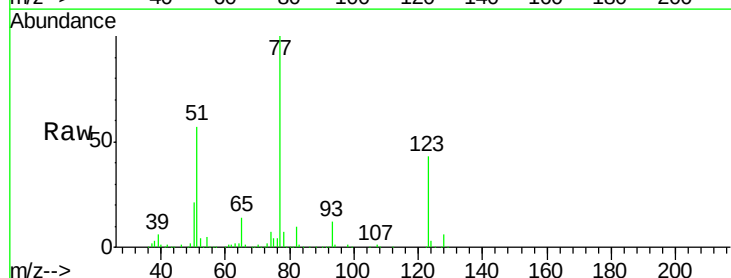
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

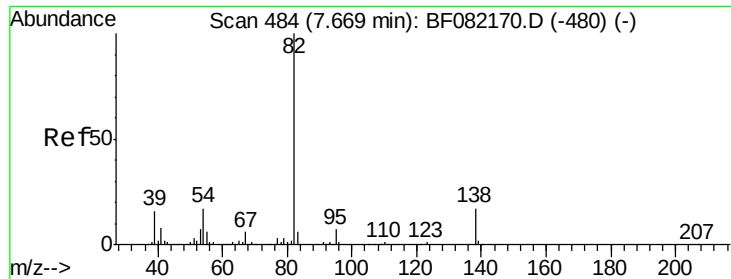
Tot Ion: 82 Resp: 622207
 Ion Ratio Lower Upper
 82 100
 128 48.5 38.7 58.1
 54 50.5 40.1 60.1



#24
 Nitrobenzene
 Concen: 42.96 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion: 77 Resp: 273724
 Ion Ratio Lower Upper
 77 100
 123 43.3 33.0 49.4
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 46.80 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

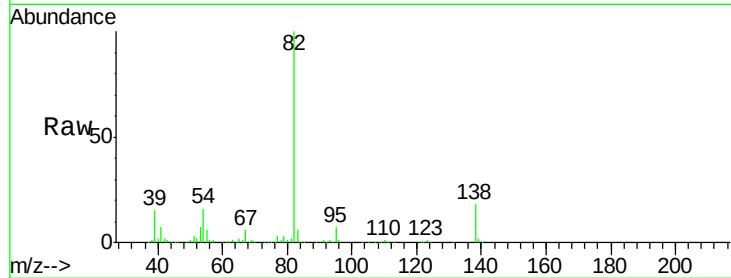
Tot Ion: 82 Resp: 555953

Ion Ratio Lower Upper

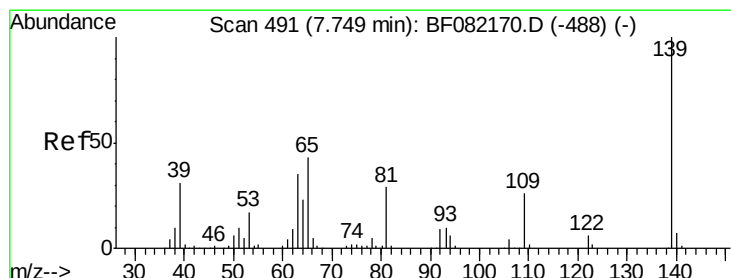
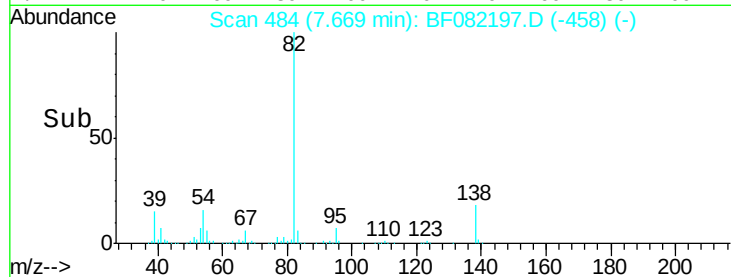
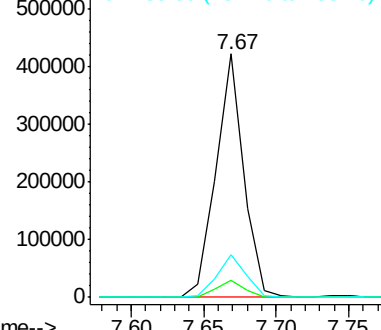
82 100

95 6.9 5.6 8.4

138 17.6 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.69 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

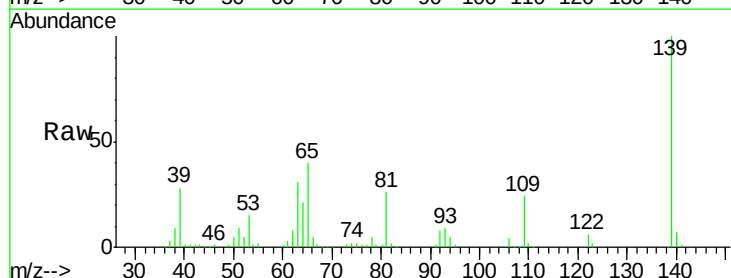
Tgt Ion: 139 Resp: 161280

Ion Ratio Lower Upper

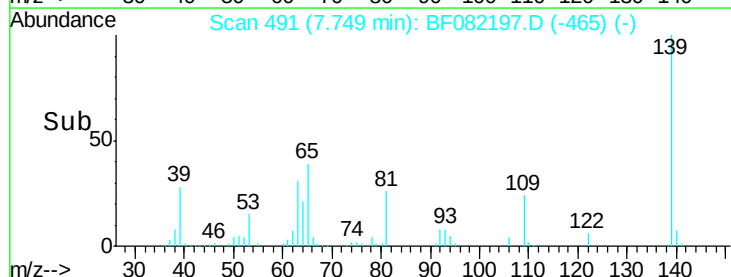
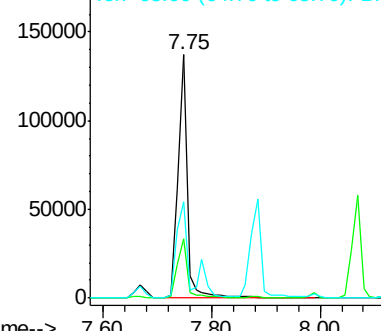
139 100

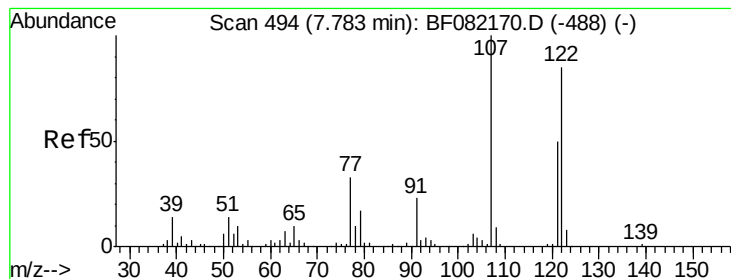
109 24.4 20.6 31.0

65 39.5 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.61 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

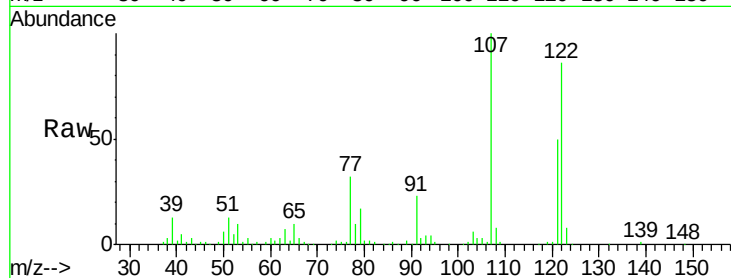
Tot Ion:122 Resp: 218385

Ion Ratio Lower Upper

122 100

107 116.9 94.0 141.0

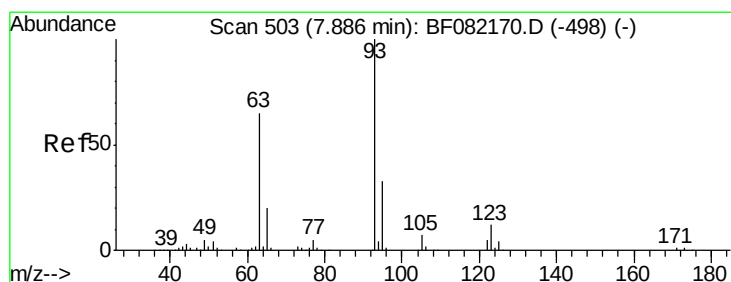
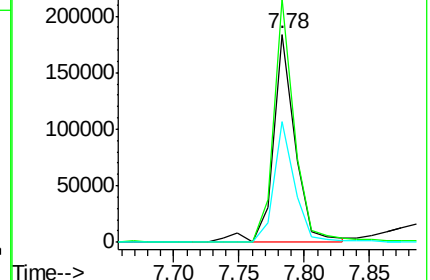
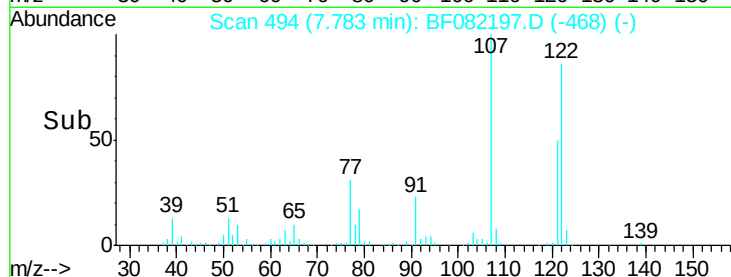
121 58.0 46.8 70.2



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: 50.75 ng

RT: 7.89 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

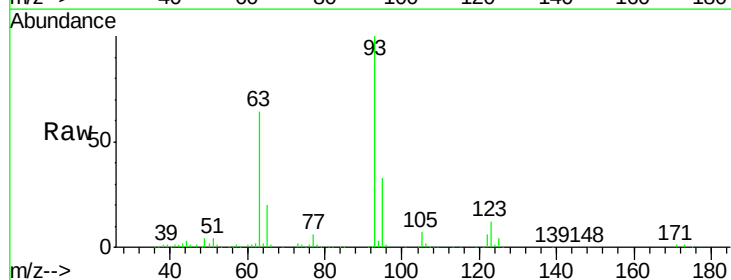
Tgt Ion: 93 Resp: 350820

Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

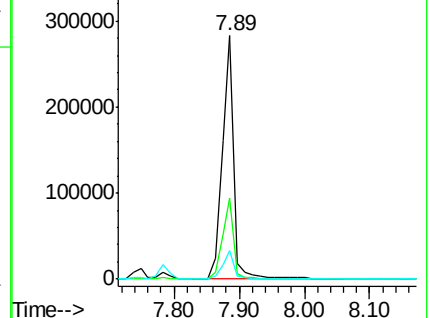
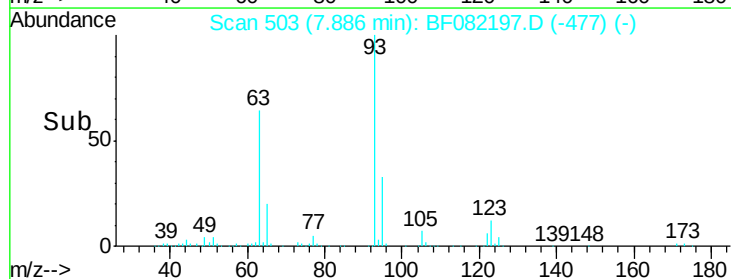
123 12.0 9.5 14.3

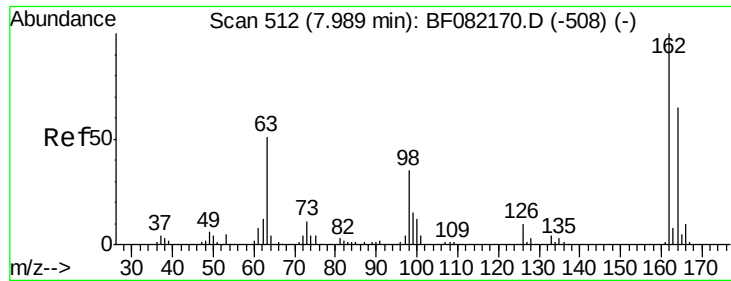


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

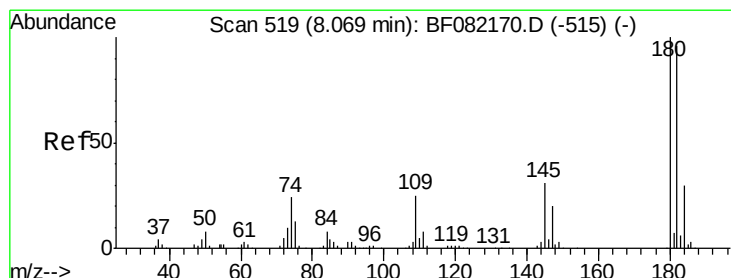
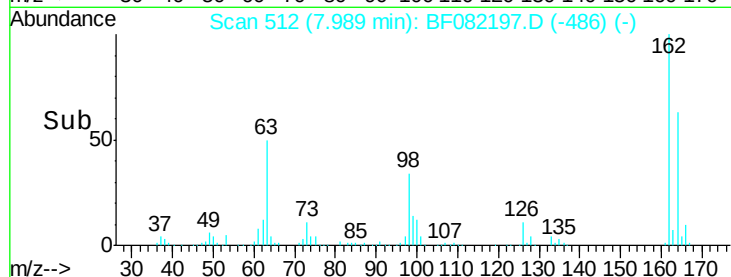
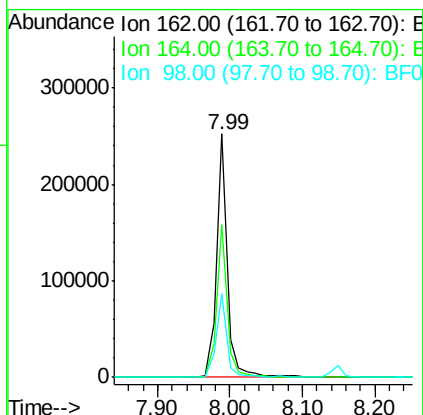
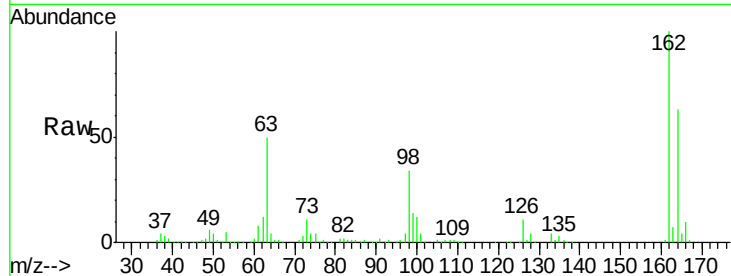




#29
 2,4-Dichlorophenol
 Concen: 50.78 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

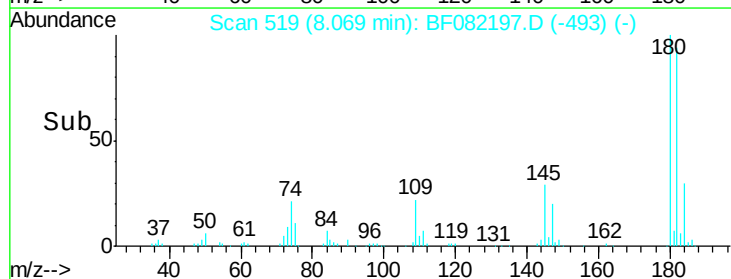
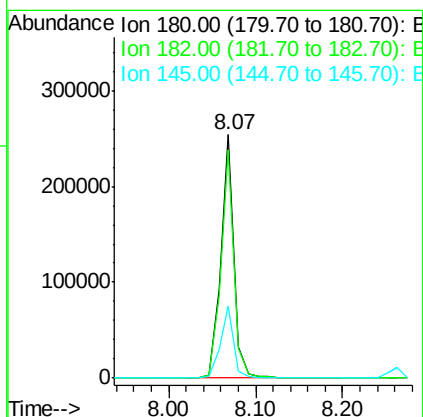
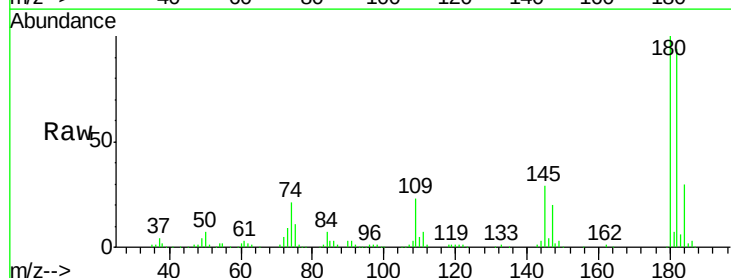
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

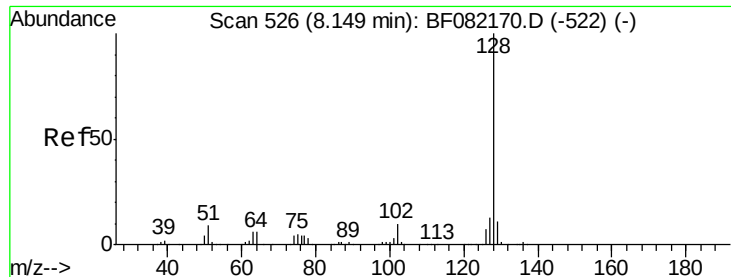
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	34.1	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.57 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.0	115.4
145	29.5	25.0	37.4

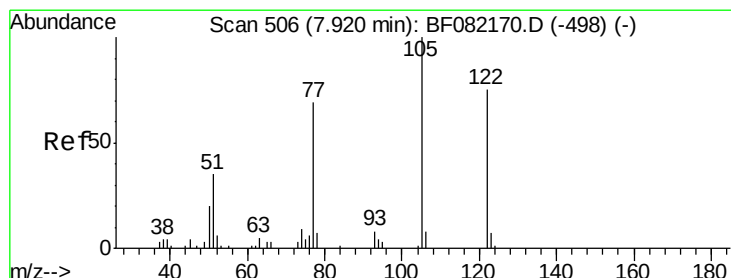
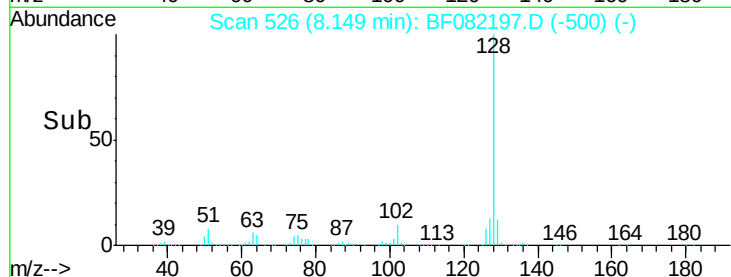
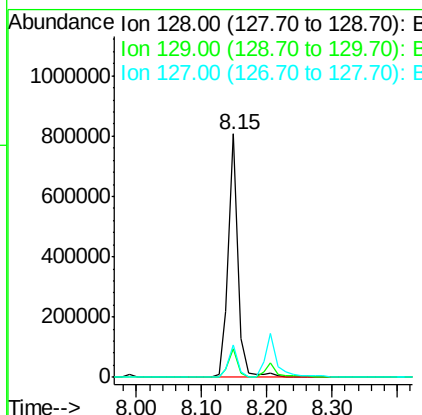
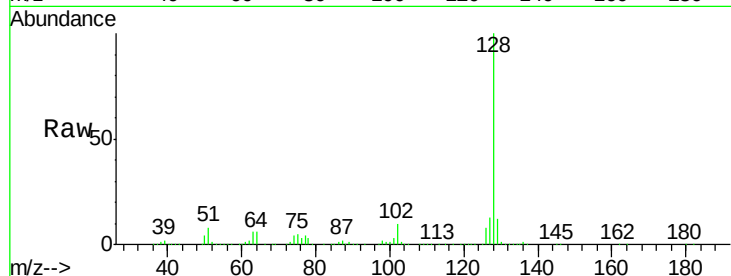




#31
Naphthalene
Concen: 49.17 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

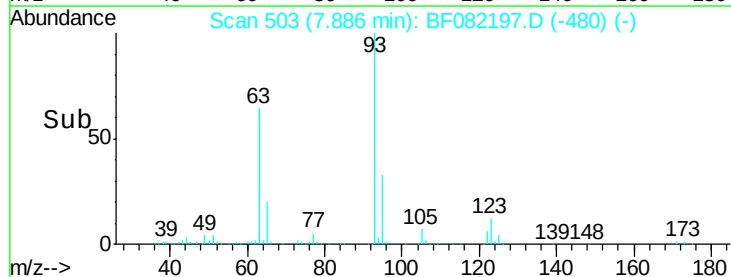
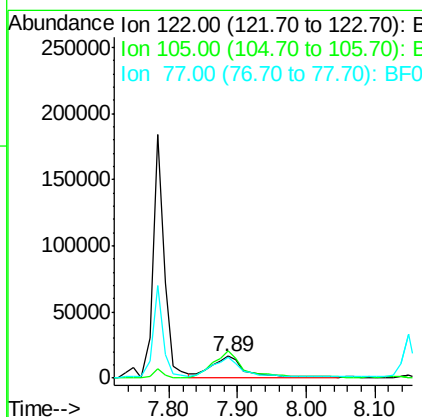
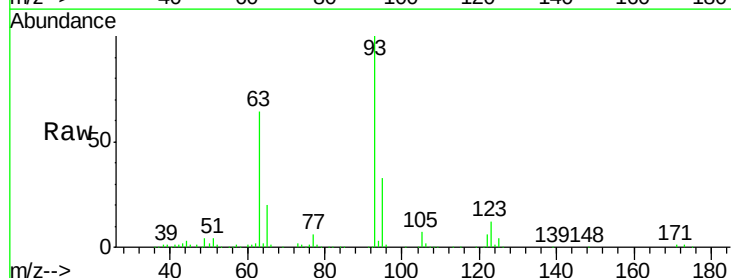
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

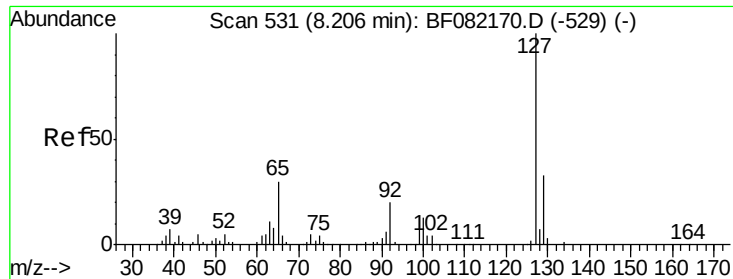
Tot Ion:128 Resp: 842607
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 15.63 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.03 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:122 Resp: 53776
Ion Ratio Lower Upper
122 100
105 128.0 104.4 144.4
77 96.8 69.0 109.0

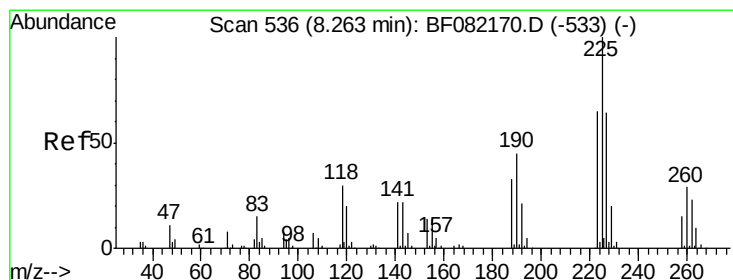
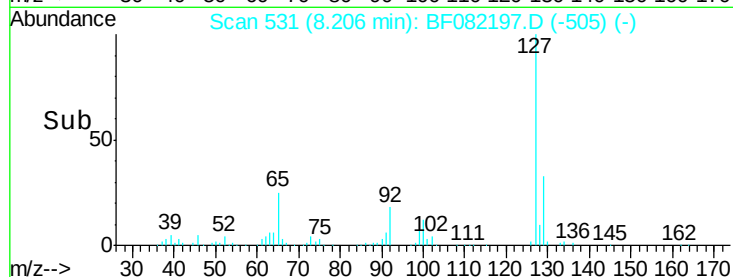
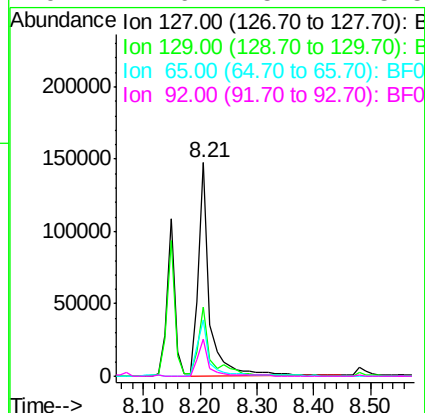
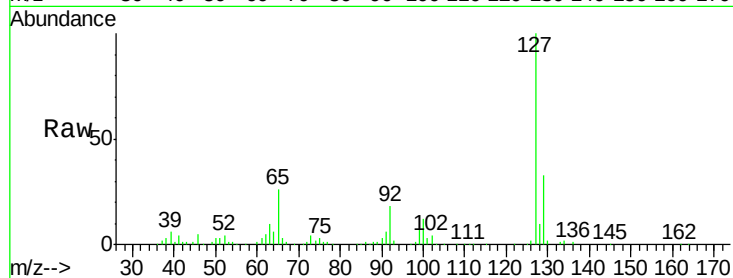




#33
4-Chloroaniline
Concen: 28.03 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

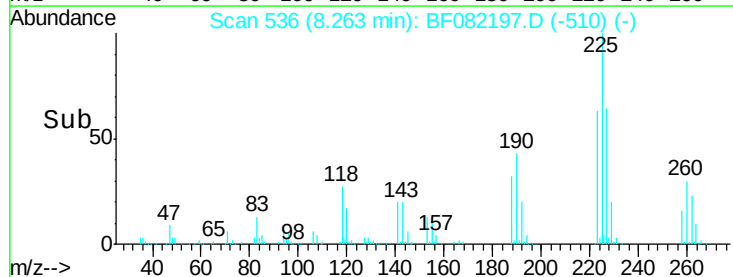
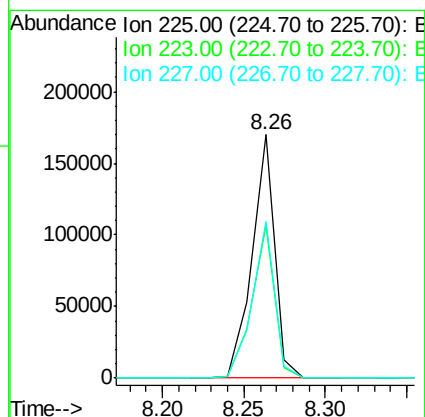
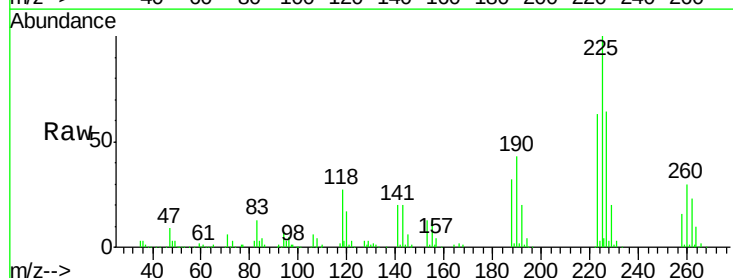
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

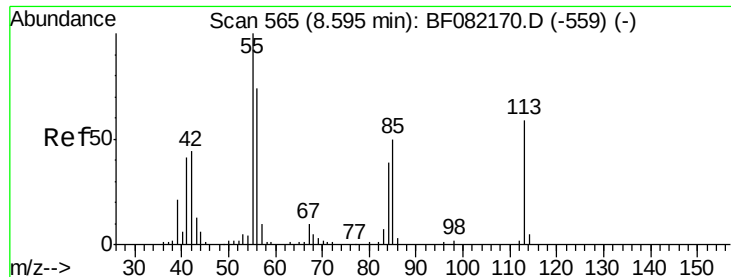
Tot Ion:	127	Resp:	199444
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	26.2	24.4	36.6
92	17.6	15.7	23.5



#34
Hexachlorobutadiene
Concen: 44.23 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:	225	Resp:	162782
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.2	78.2
227	64.1	51.3	76.9





#35

Caprolactam

Concen: 8.71 ng

RT: 8.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

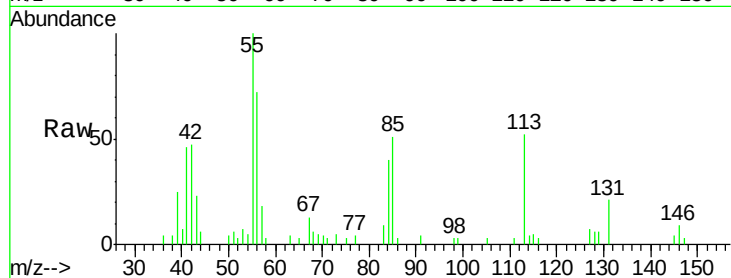
Tot Ion:113 Resp: 12954

Ion Ratio Lower Upper

113 100

55 190.8 149.7 189.7#

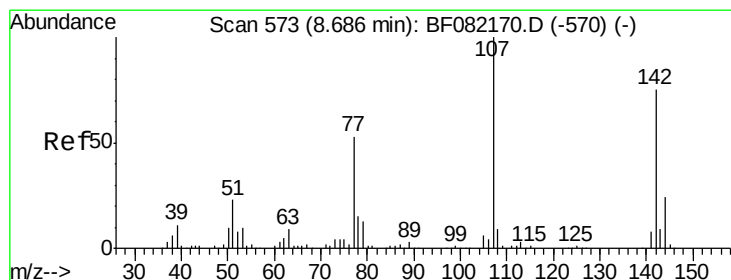
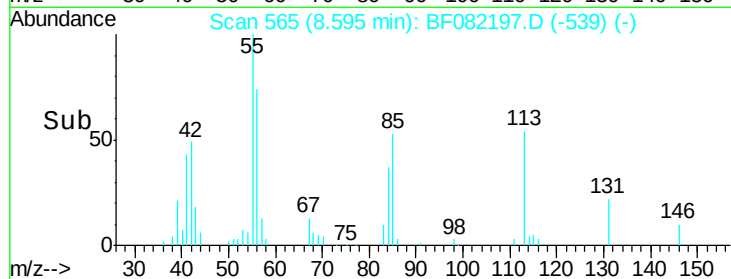
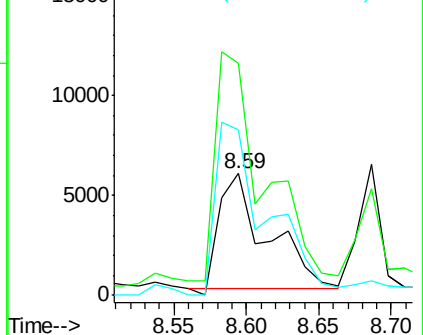
56 136.4 105.4 145.4



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: 47.51 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

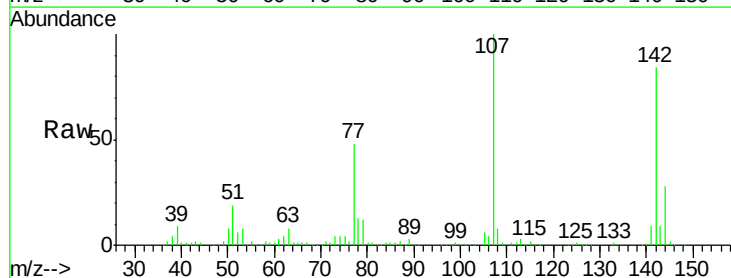
Tgt Ion:107 Resp: 238070

Ion Ratio Lower Upper

107 100

144 27.6 19.3 28.9

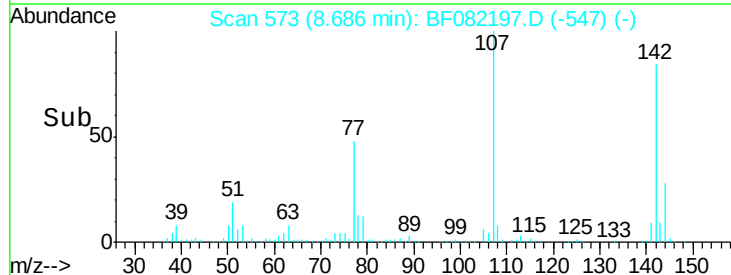
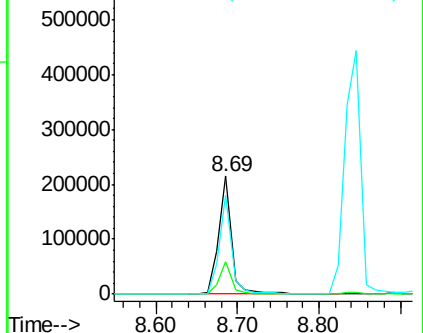
142 84.5 59.9 89.9

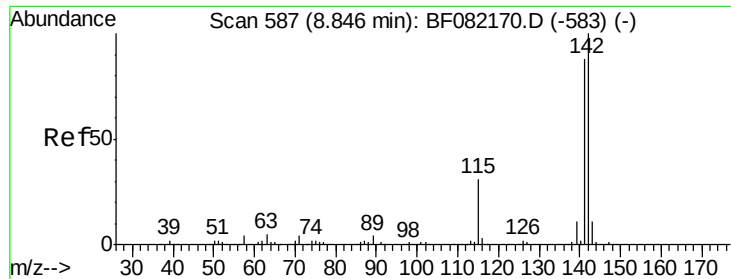


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

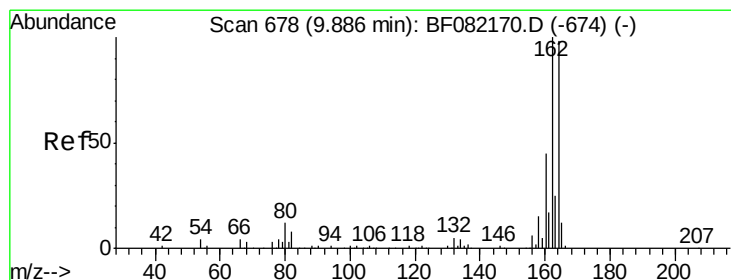
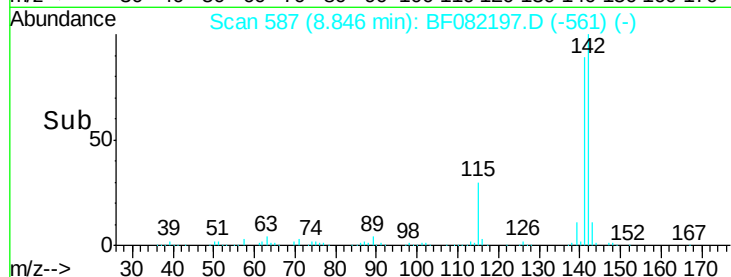
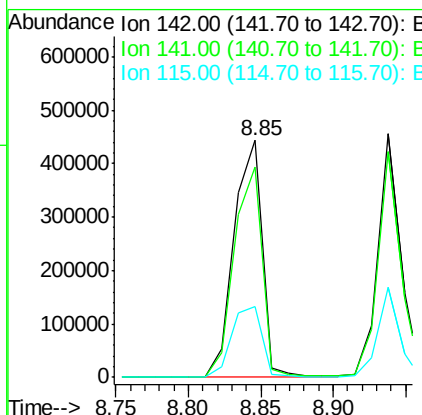
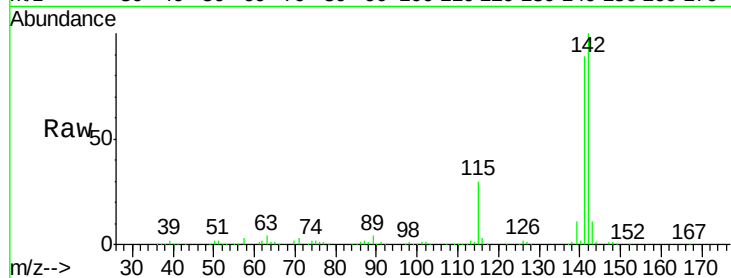




#37
2-Methylnaphthalene
Concen: 50.45 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

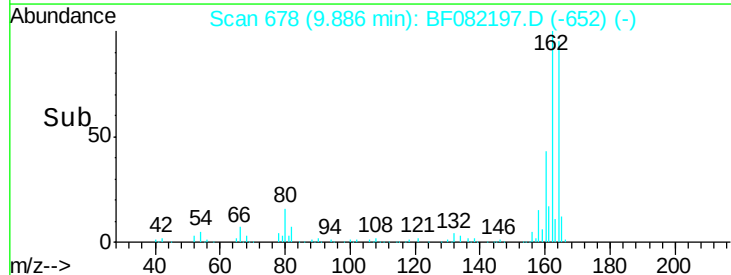
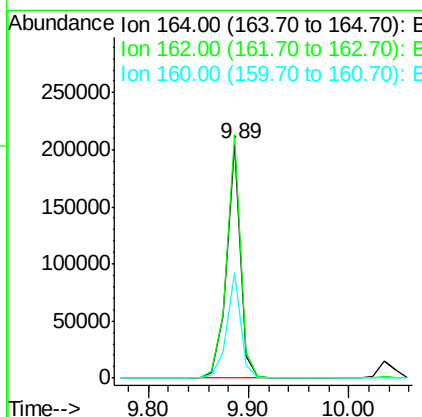
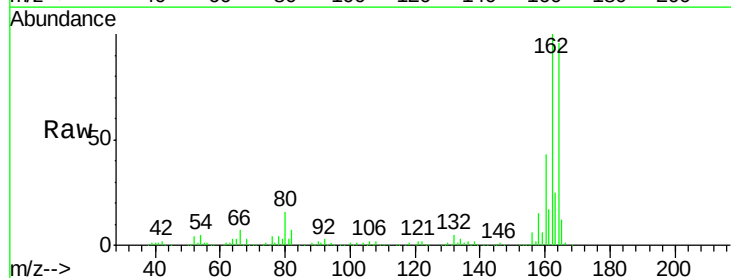
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

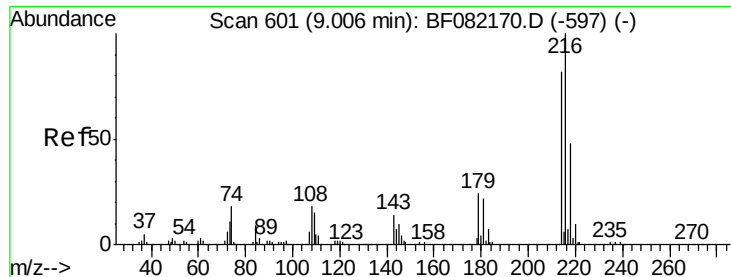
Tot Ion:142 Resp: 599285
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 29.6 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:164 Resp: 196946
Ion Ratio Lower Upper
164 100
162 104.2 81.6 122.4
160 45.0 36.4 54.6

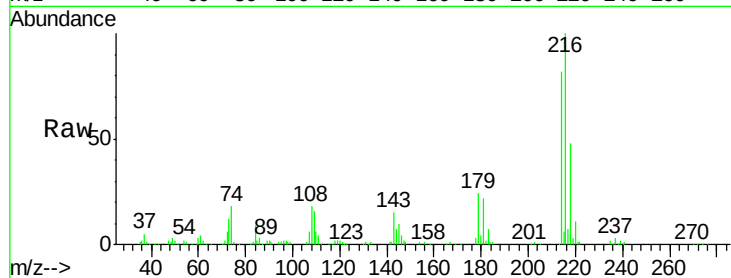




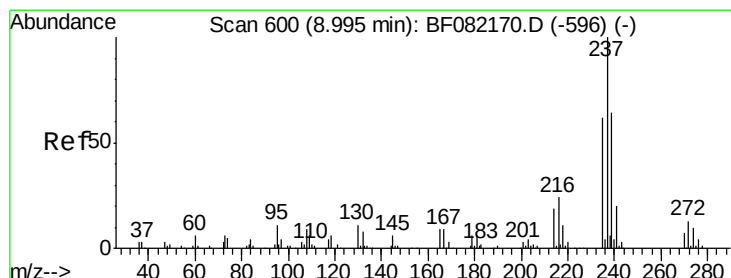
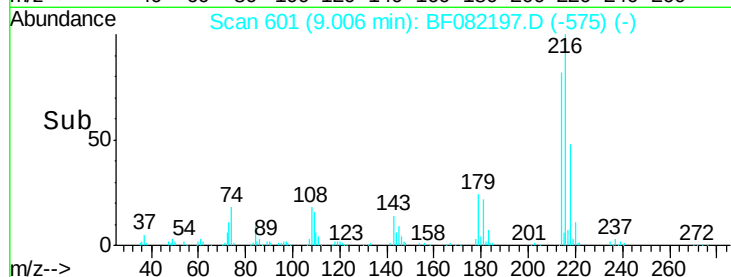
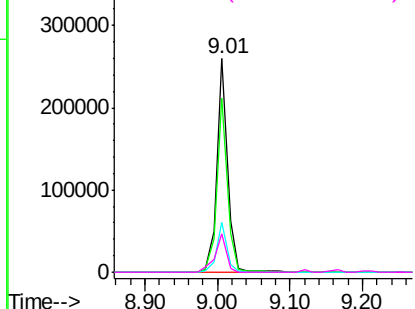
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.49 ng
 RT: 9.01 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

Tot Ion:	216	Resp:	266496
Ion	Ratio	Lower	Upper
216	100		
214	80.7	64.6	97.0
179	22.2	17.6	26.4
108	19.7	14.5	21.7

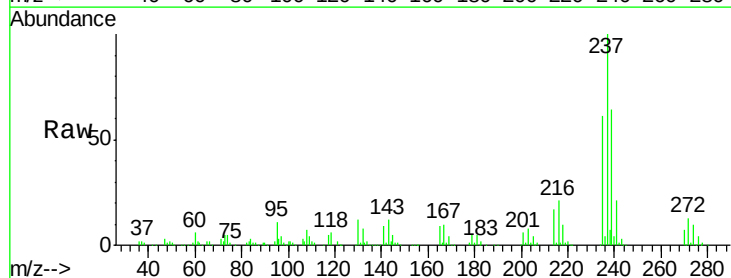


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

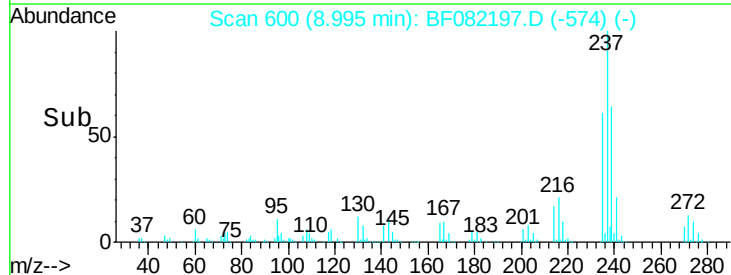
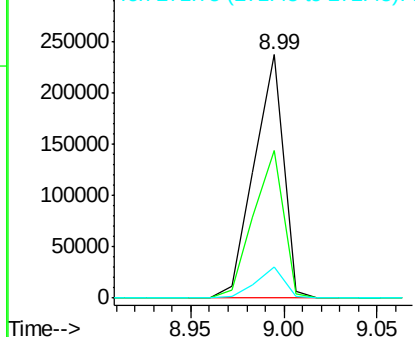


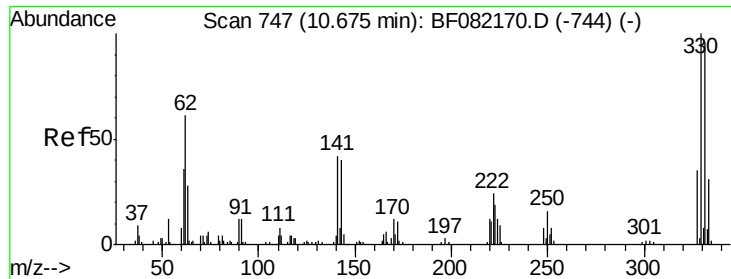
#40
 Hexachlorocyclopentadiene
 Concen: 86.68 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion:	237	Resp:	259230
Ion	Ratio	Lower	Upper
237	100		
235	60.7	41.7	81.7
272	12.8	0.0	32.8



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

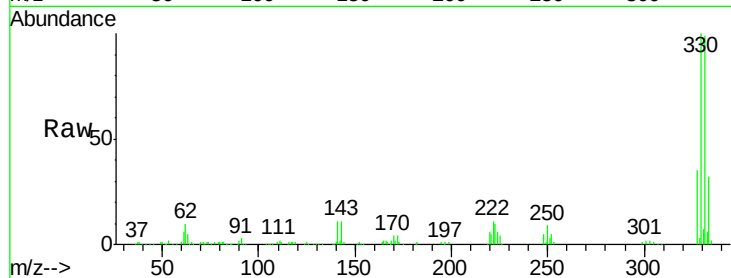




#41
 2,4,6-Tribromophenol
 Concen: 148.19 ng
 RT: 10.69 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	31.1	29.8	44.8

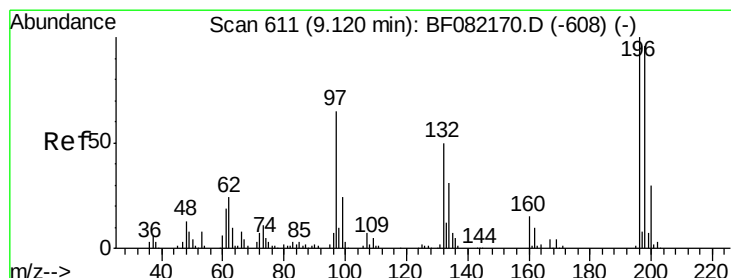
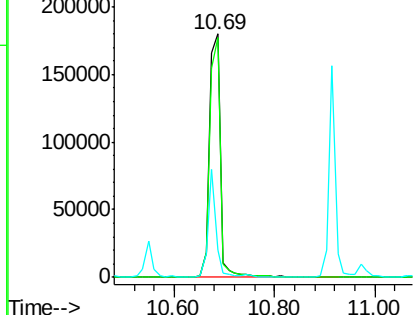
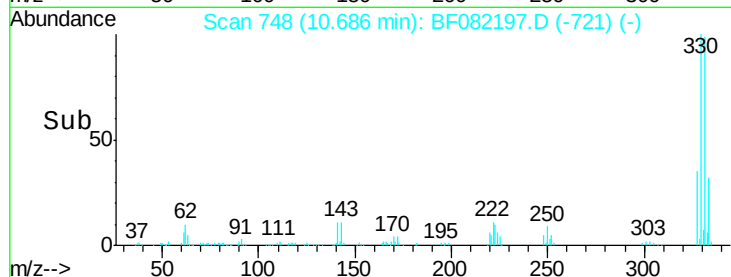


Abundance

Ion 329.80 (329.50 to 330.50): E

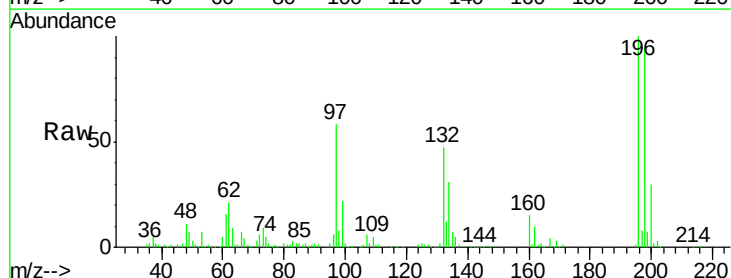
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.54 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	115.0
200	29.9	23.7	35.5

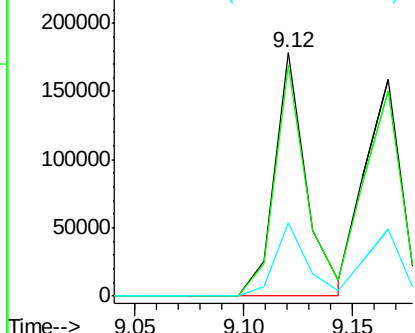
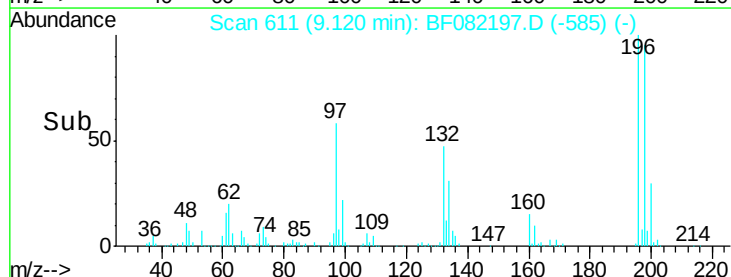


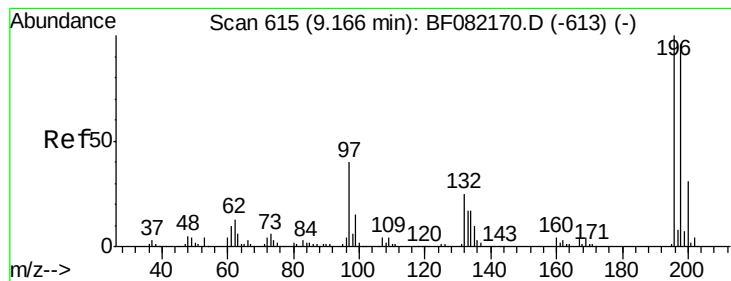
Abundance

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: 47.81 ng

RT: 9.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

Tot Ion:196 Resp: 201497

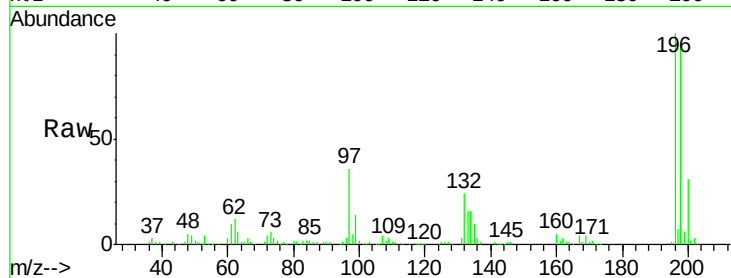
Ion Ratio Lower Upper

196 100

198 94.8 77.0 115.4

97 36.5 31.9 47.9

132 24.4 20.3 30.5

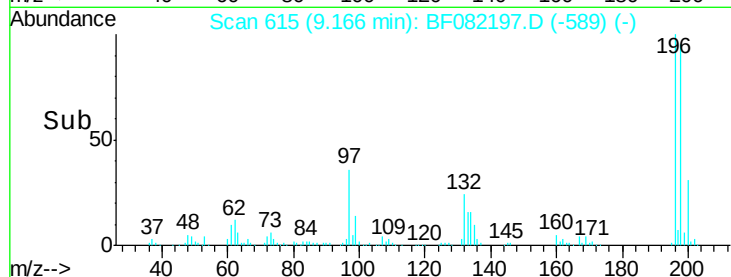


Abundance Ion 196.00 (195.70 to 196.70): E

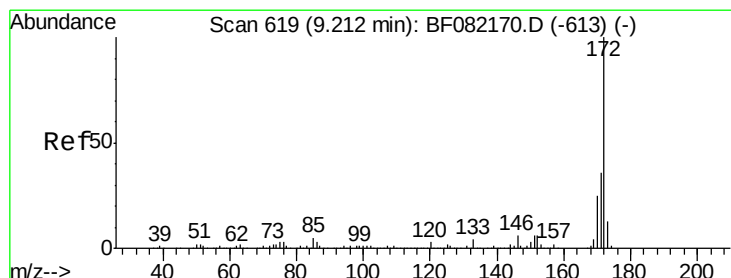
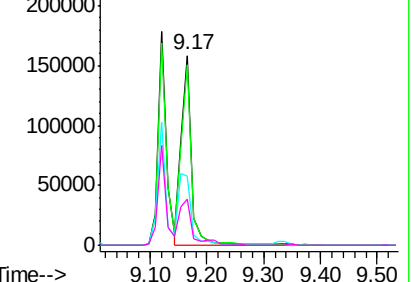
Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 104.14 ng

RT: 9.21 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

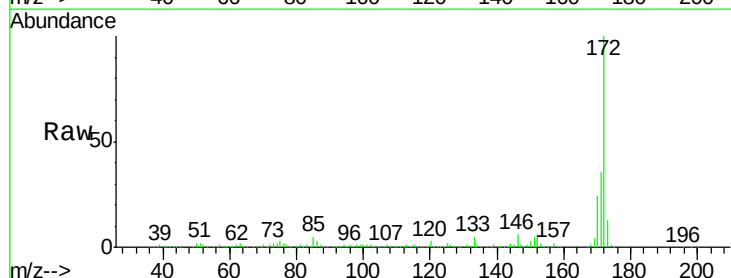
Tgt Ion:172 Resp: 1236776

Ion Ratio Lower Upper

172 100

171 36.3 28.6 42.8

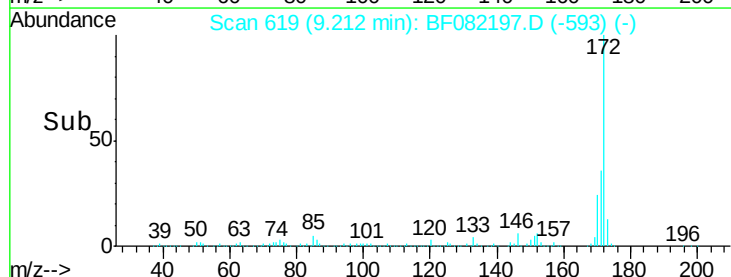
170 24.5 19.7 29.5



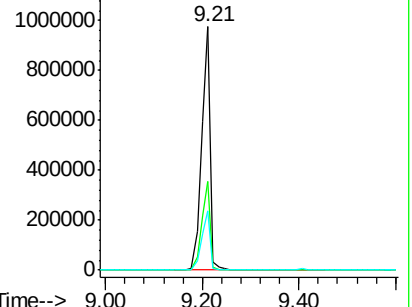
Abundance Ion 172.00 (171.70 to 172.70): E

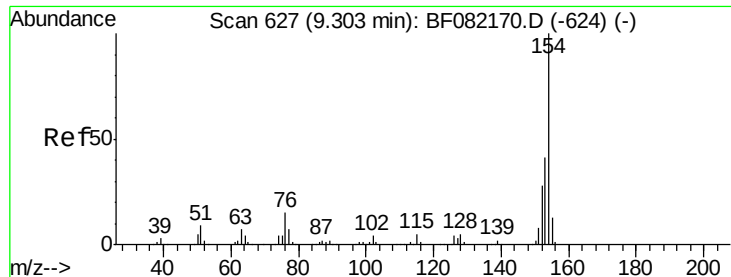
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->

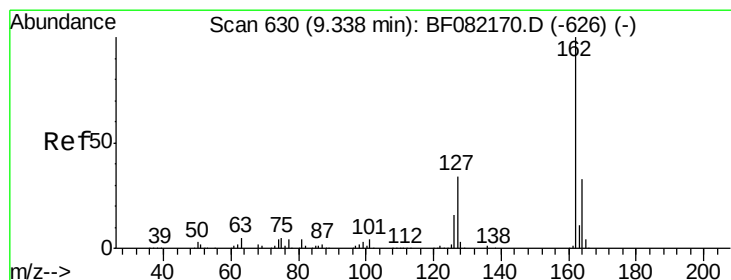
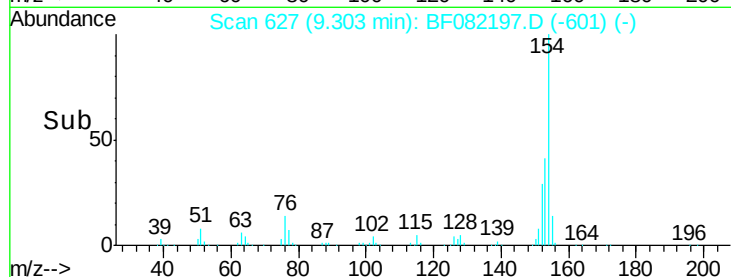
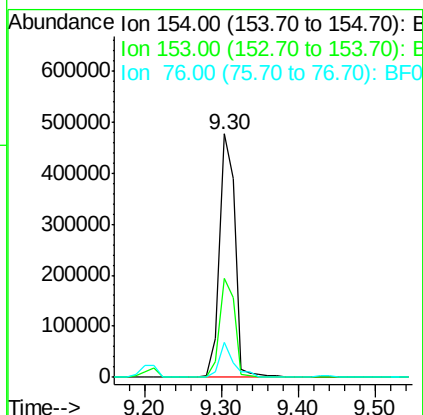
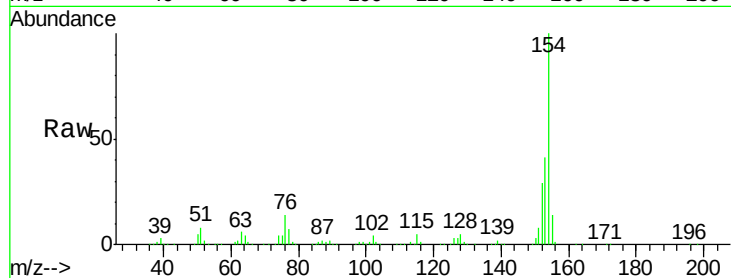




#45
 1,1'-Biphenyl
 Concen: 45.15 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

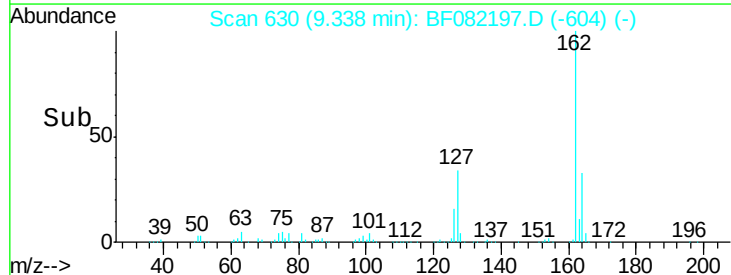
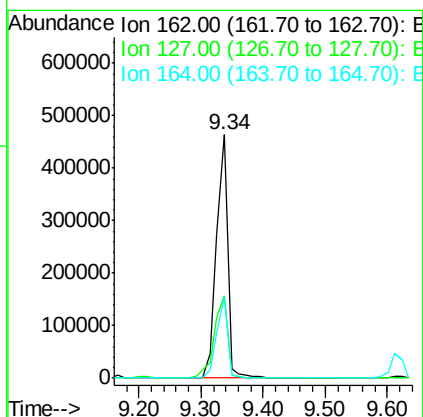
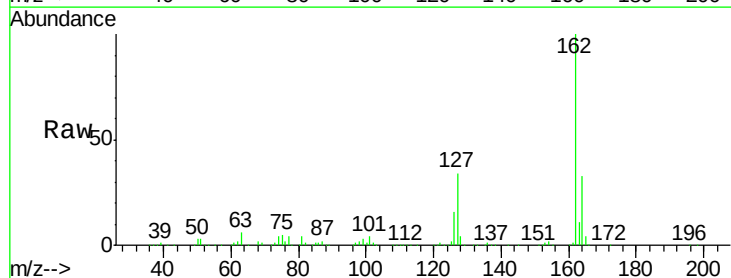
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

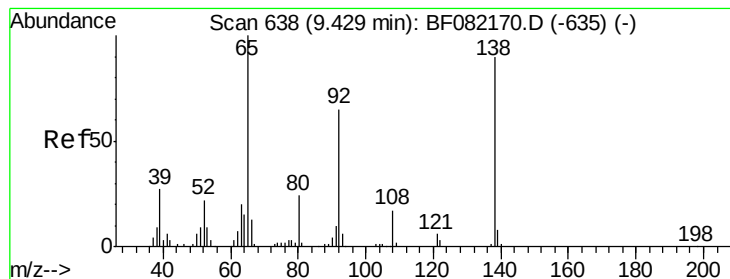
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	14.4	0.0	35.2



#46
 2-Chloronaphthalene
 Concen: 48.29 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.6	27.5	41.3
164	33.3	26.6	39.8





#47

2-Nitroaniline

Concen: 50.66 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

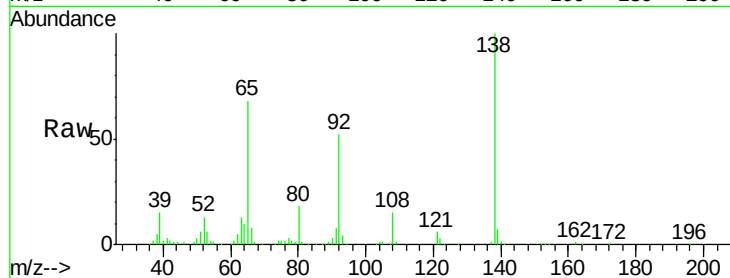
Tot Ion: 65 Resp: 164438

Ion Ratio Lower Upper

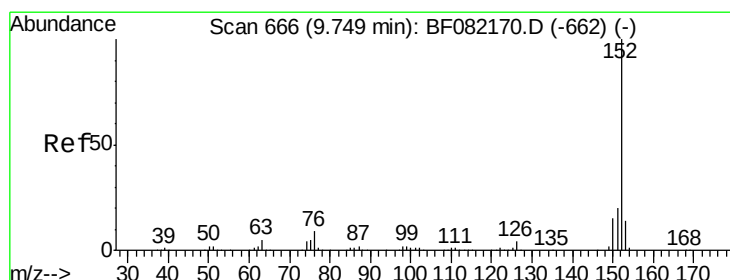
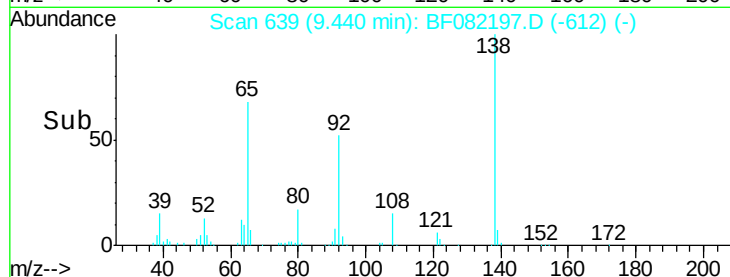
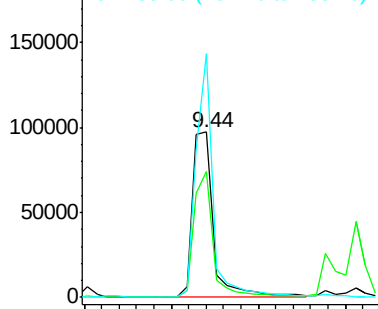
65 100

92 76.2 52.3 78.5

138 147.3 72.2 108.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 46.66 ng

RT: 9.75 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

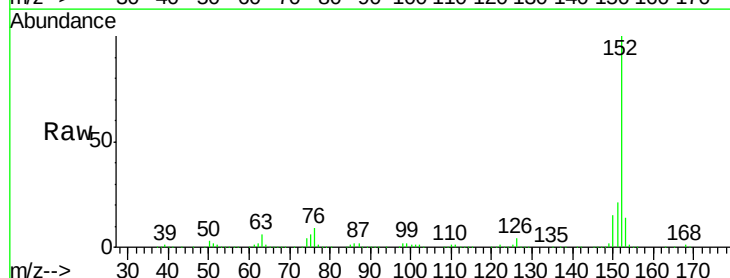
Tgt Ion: 152 Resp: 859362

Ion Ratio Lower Upper

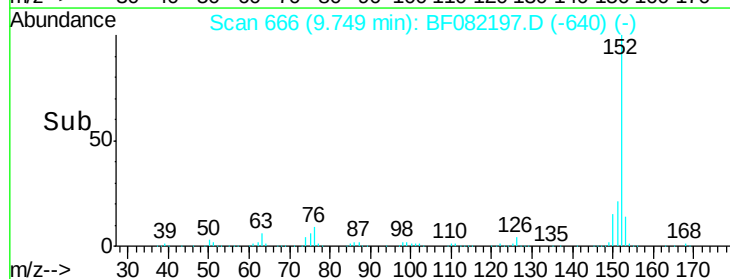
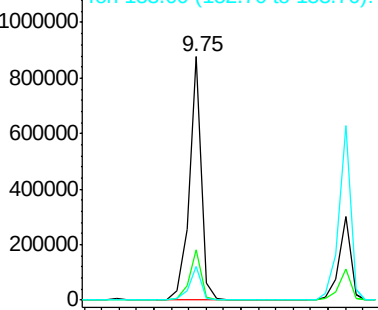
152 100

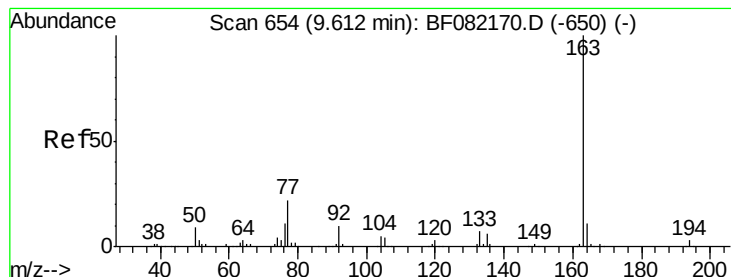
151 20.8 16.4 24.6

153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 47.44 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

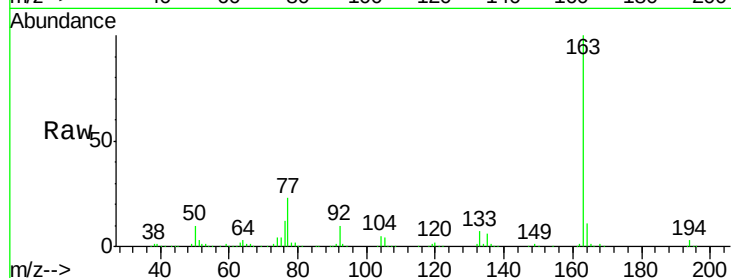
Tot Ion:163 Resp: 657937

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

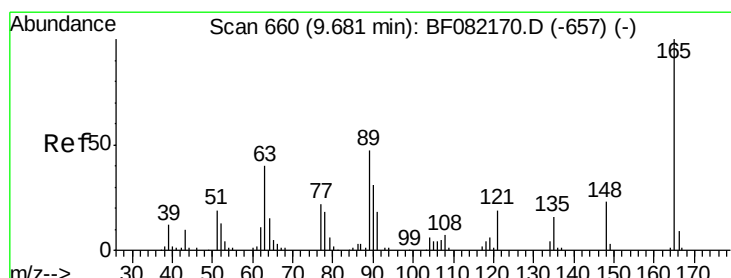
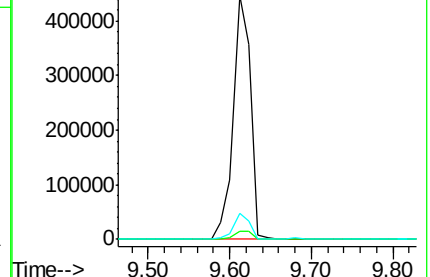
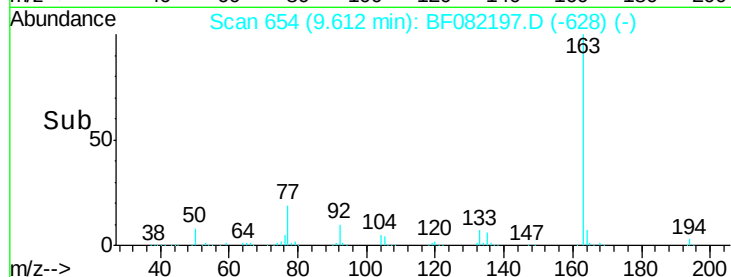
164 10.7 8.5 12.7



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: 51.71 ng

RT: 9.68 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

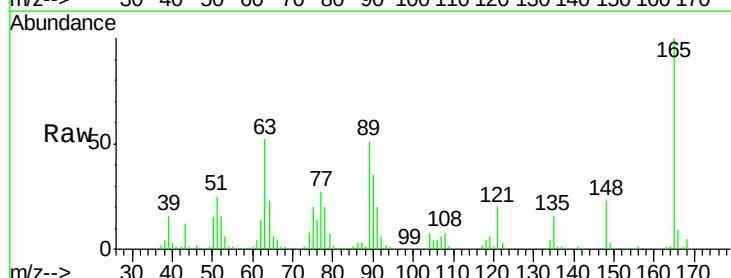
Tgt Ion:165 Resp: 151328

Ion Ratio Lower Upper

165 100

63 51.9 36.7 55.1

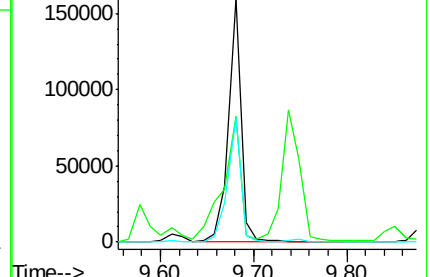
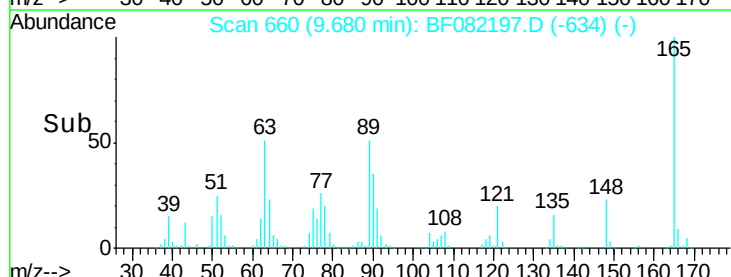
89 50.9 37.8 56.6

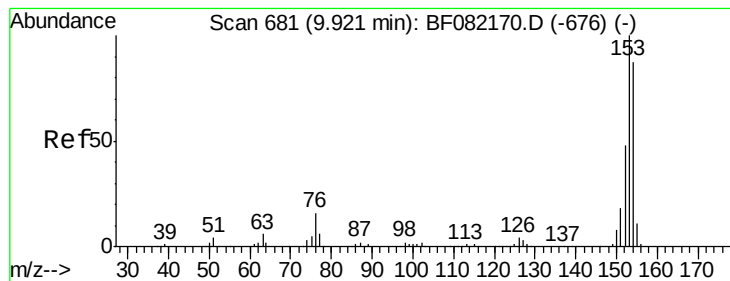


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.01 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

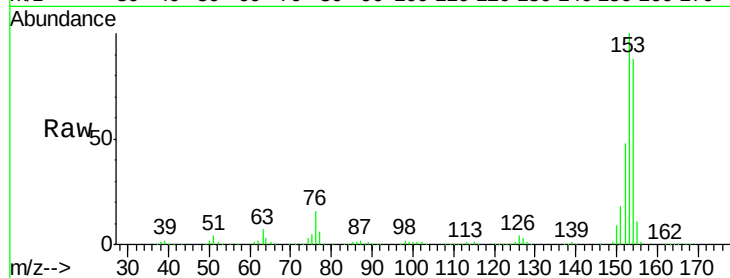
Tot Ion:154 Resp: 519808

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

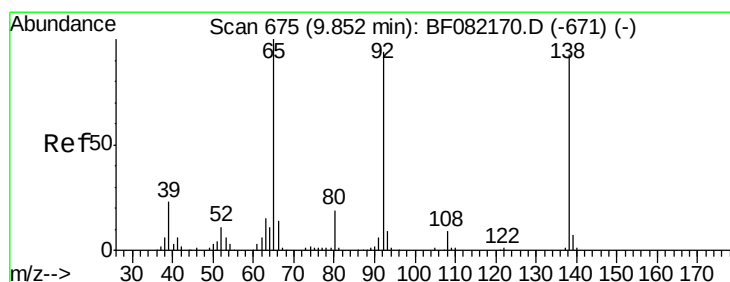
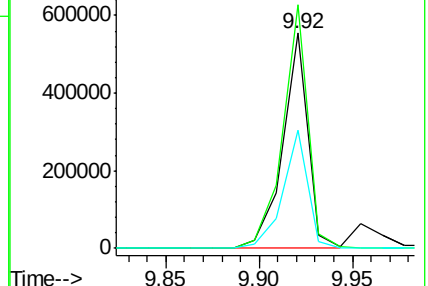
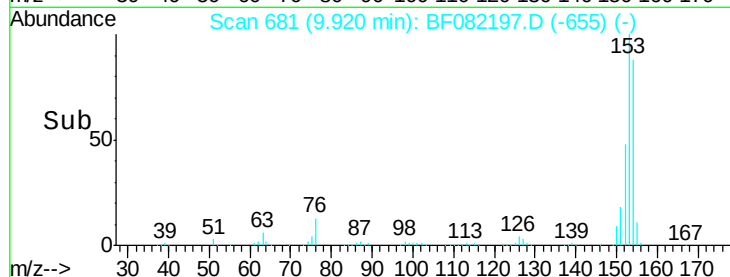
152 54.7 44.3 66.5



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: 26.96 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

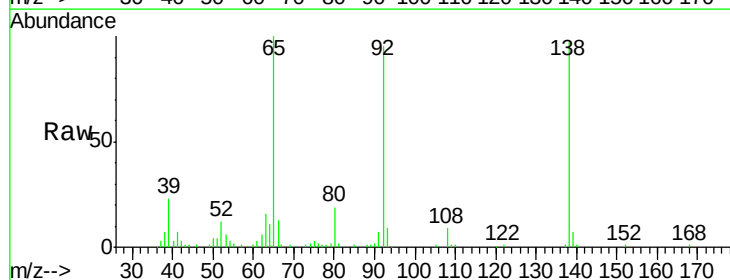
Tgt Ion:138 Resp: 89100

Ion Ratio Lower Upper

138 100

108 8.9 7.4 11.0

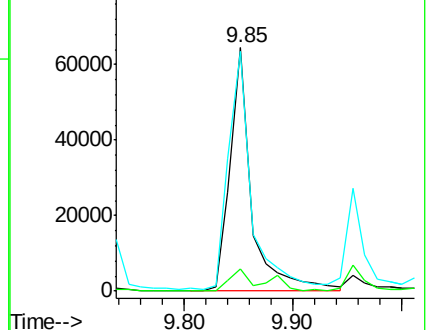
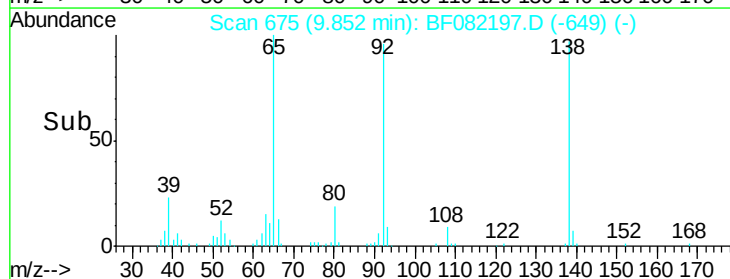
92 98.4 81.3 121.9

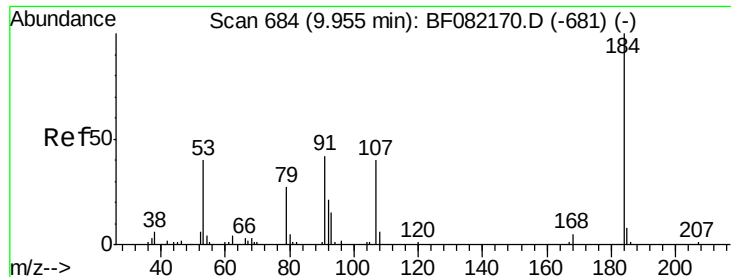


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

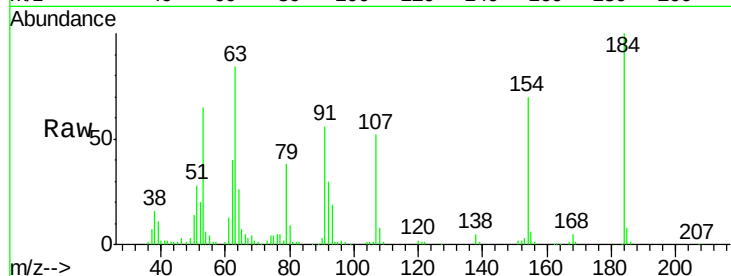




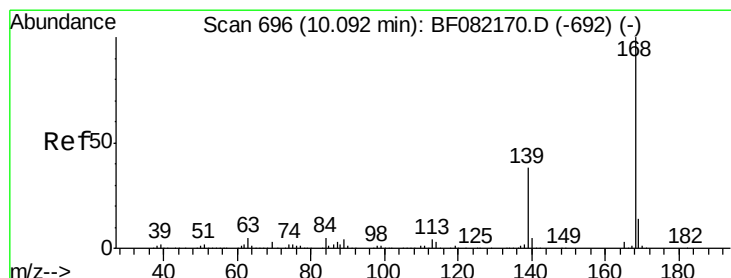
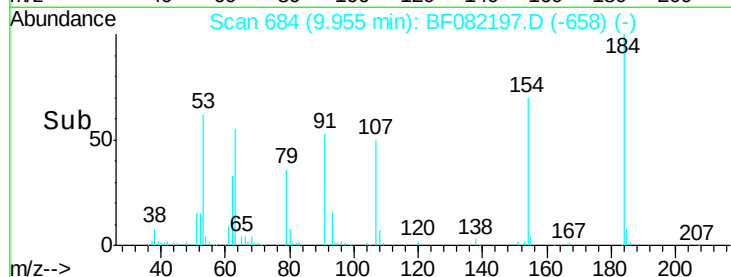
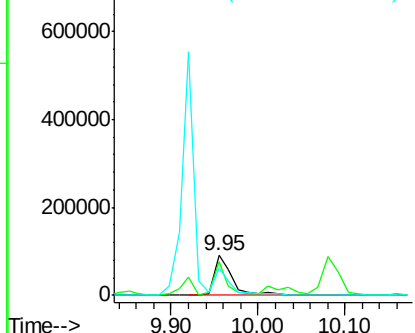
#53
2,4-Dinitrophenol
Concen: 81.42 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

Tot Ion:184 Resp: 133346
Ion Ratio Lower Upper
184 100
63 84.1 45.1 67.7#
154 70.1 51.2 76.8

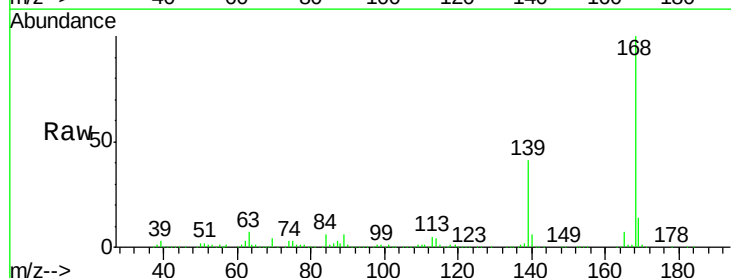


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

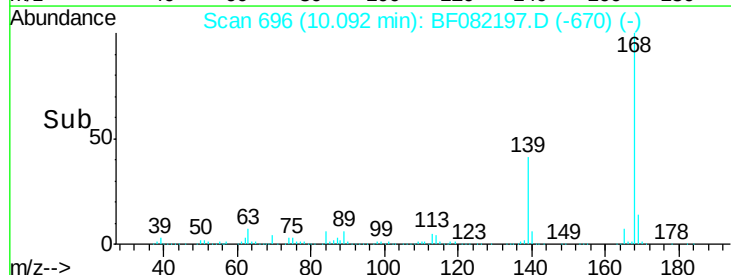
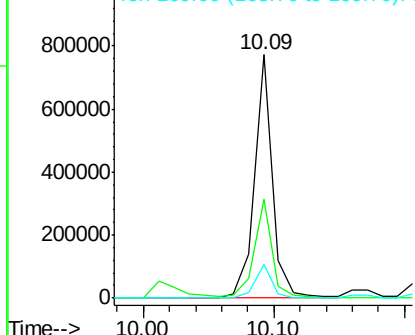


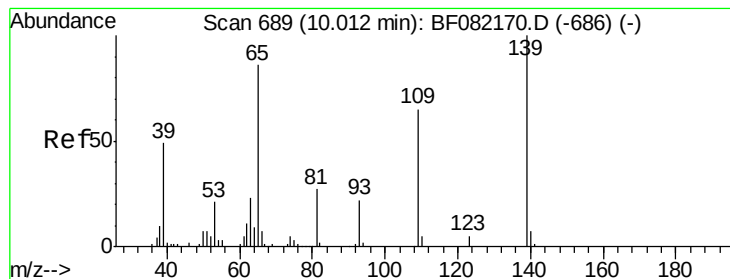
#54
Dibenzofuran
Concen: 48.67 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:168 Resp: 738730
Ion Ratio Lower Upper
168 100
139 40.6 31.0 46.6
169 14.1 10.9 16.3



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: 43.54 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

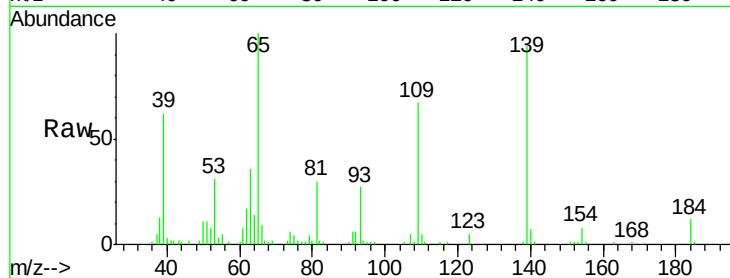
Tot Ion:139 Resp: 81540

Ion Ratio Lower Upper

139 100

109 71.4 44.8 84.8

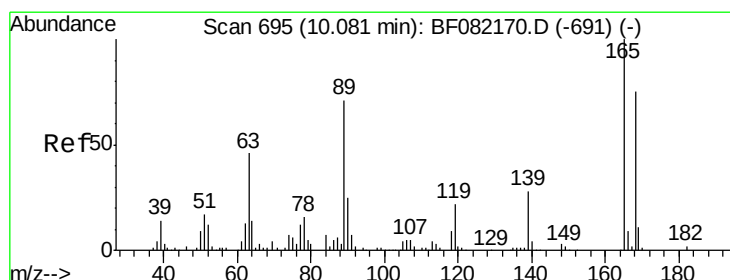
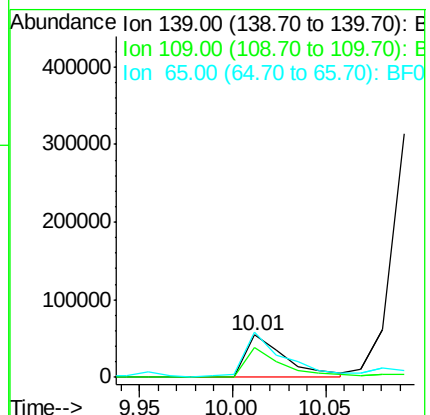
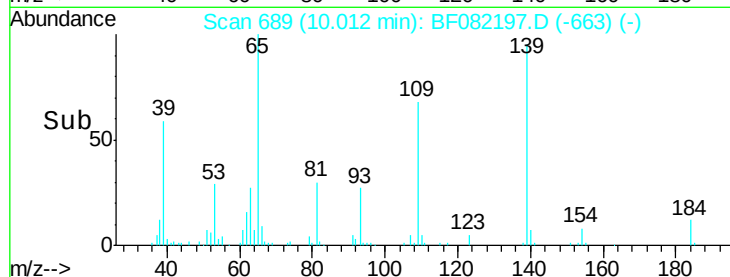
65 106.8 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.62 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Tgt Ion:165 Resp: 177828

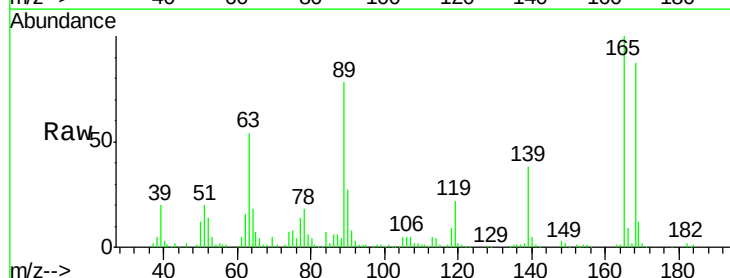
Ion Ratio Lower Upper

165 100

63 54.4 38.6 58.0

89 78.4 57.0 85.6

182 2.1 1.8 2.6

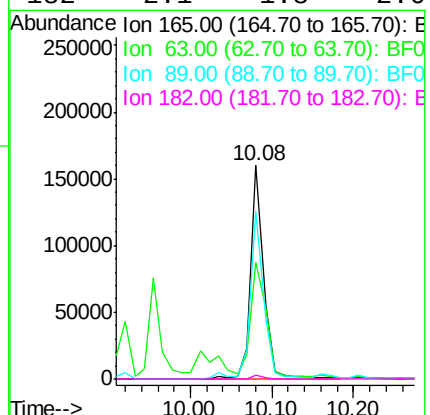
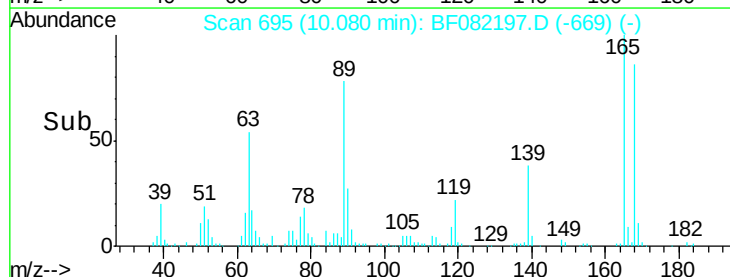


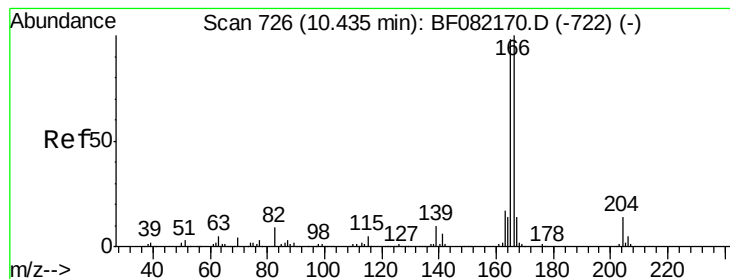
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.22 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

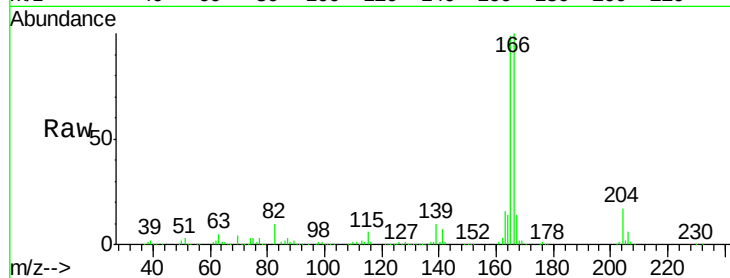
Tot Ion:166 Resp: 601133

Ion Ratio Lower Upper

166 100

165 99.4 78.3 117.5

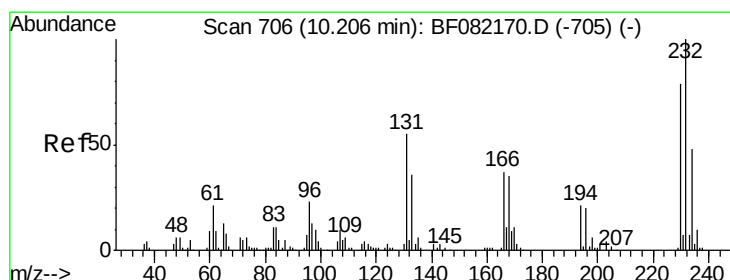
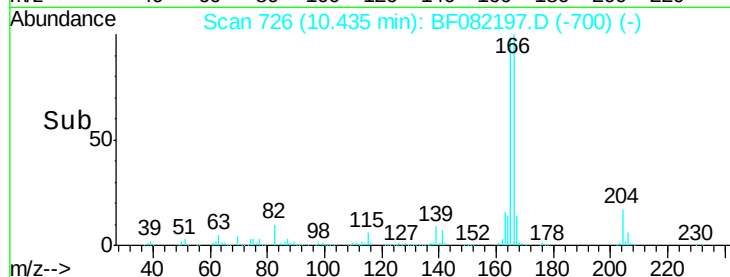
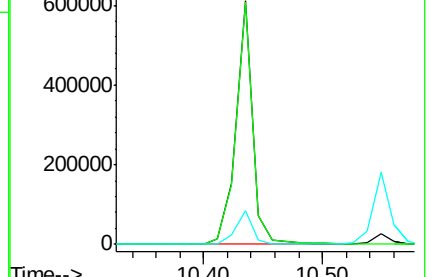
167 13.8 10.8 16.2



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: 46.39 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Tgt Ion:232 Resp: 159737

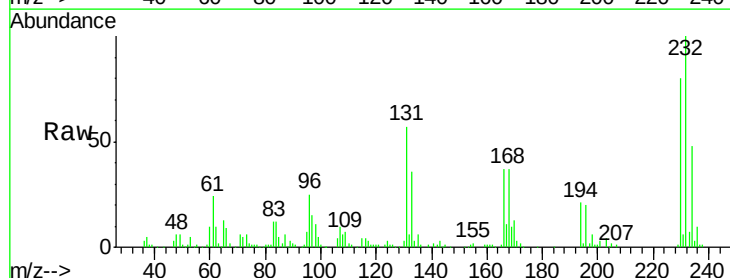
Ion Ratio Lower Upper

232 100

131 45.6 36.6 54.8

130 2.0 1.5 2.3

166 30.5 24.6 37.0

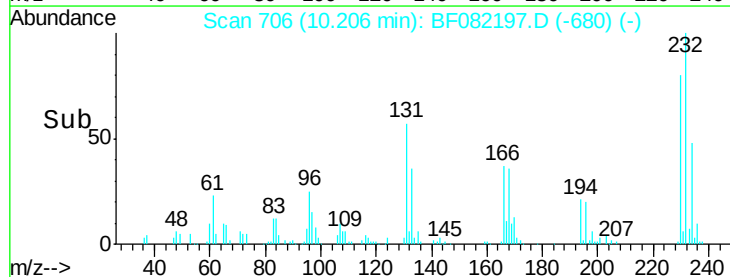
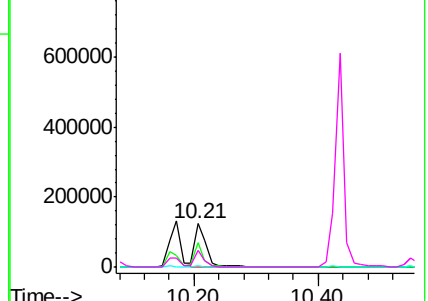


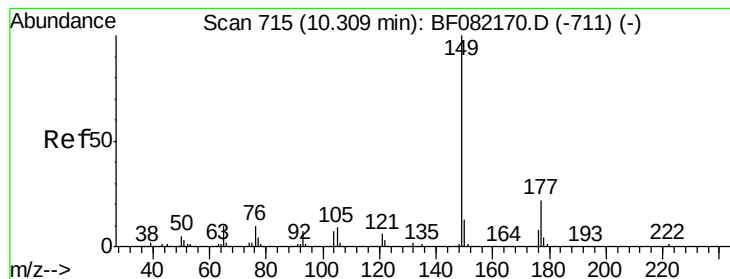
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.79 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

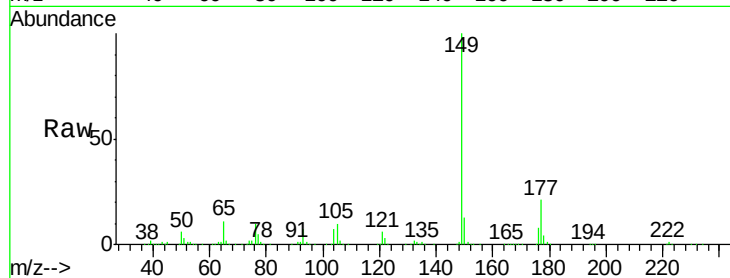
Tot Ion:149 Resp: 617783

Ion Ratio Lower Upper

149 100

177 21.3 17.6 26.4

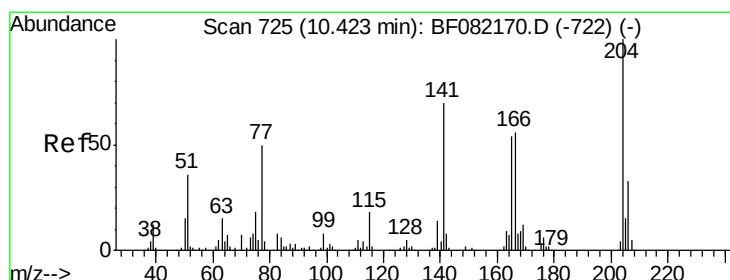
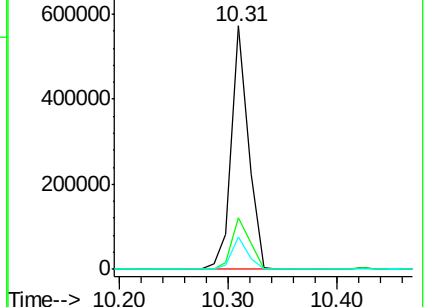
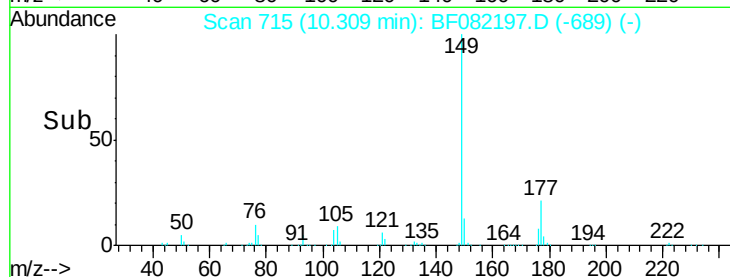
150 13.1 10.3 15.5



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: 47.05 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

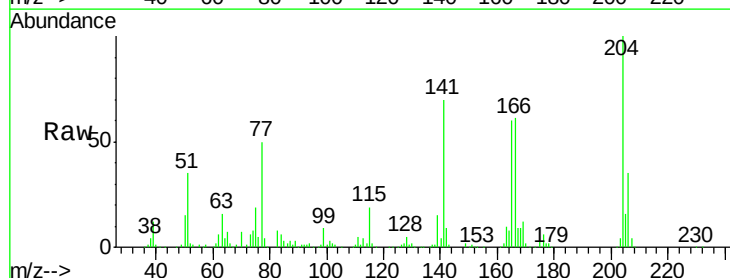
Tgt Ion:204 Resp: 268705

Ion Ratio Lower Upper

204 100

206 34.7 26.8 40.2

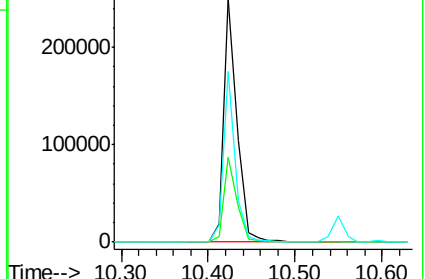
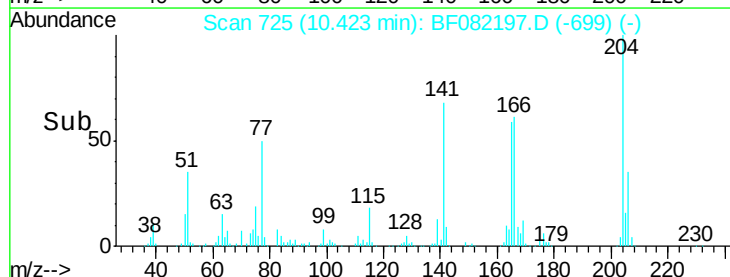
141 70.1 56.1 84.1

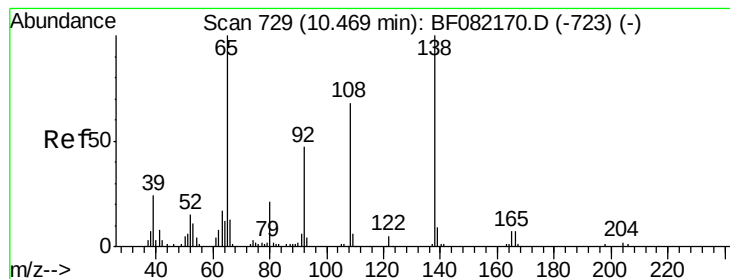


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.90 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

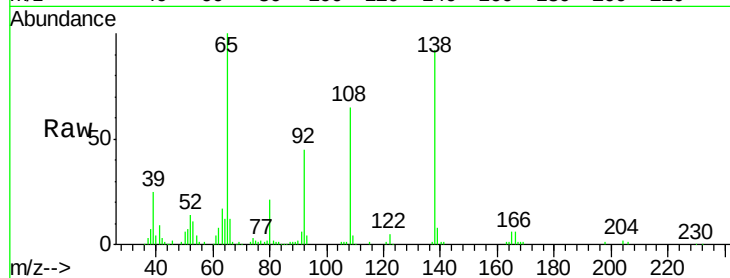
Tot Ion:138 Resp: 143962

Ion Ratio Lower Upper

138 100

92 48.7 26.8 66.8

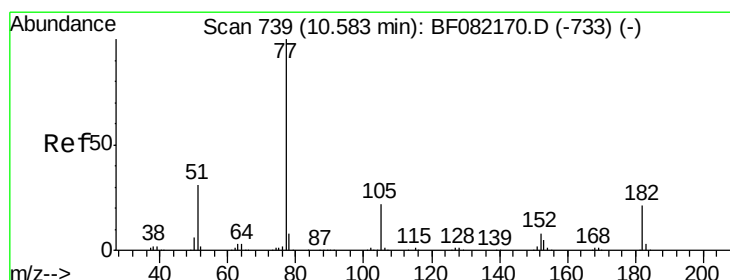
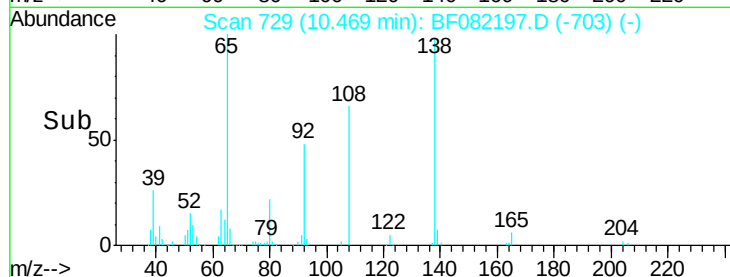
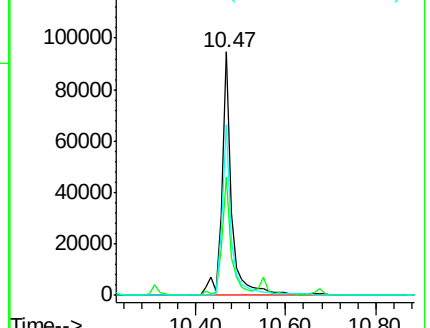
108 70.2 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.59 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Tgt Ion: 77 Resp: 602127

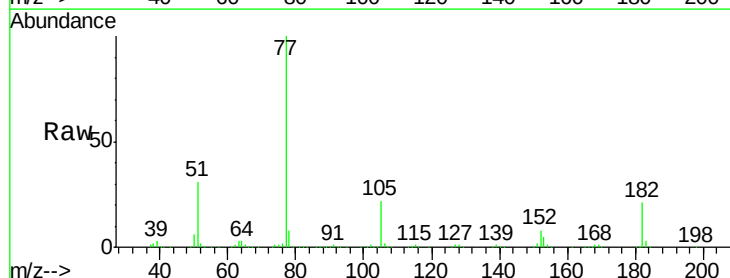
Ion Ratio Lower Upper

77 100

182 21.2 0.5 40.5

105 21.9 1.8 41.8

51 31.3 11.2 51.2

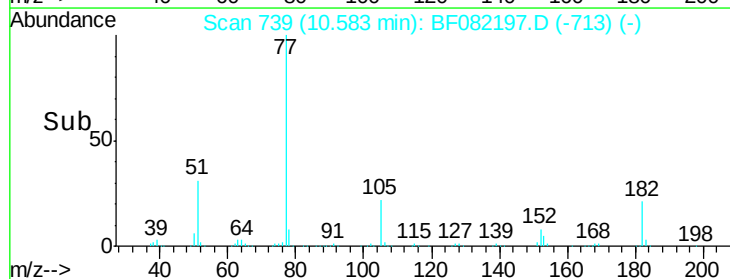
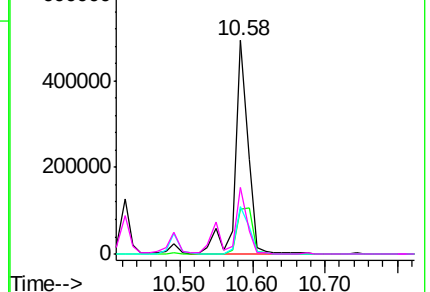


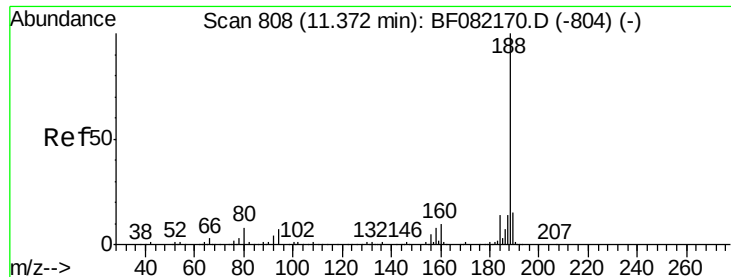
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

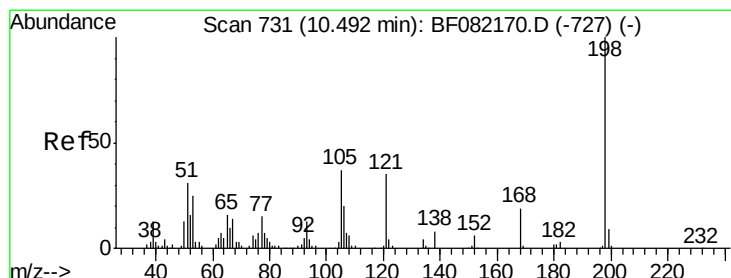
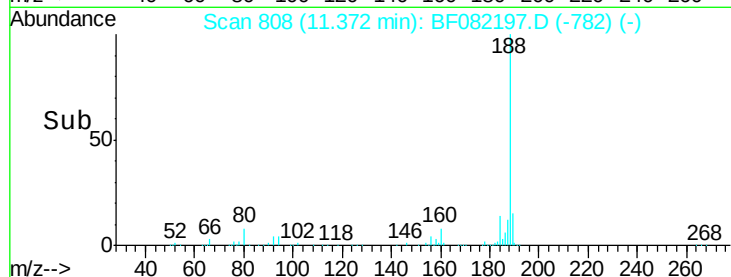
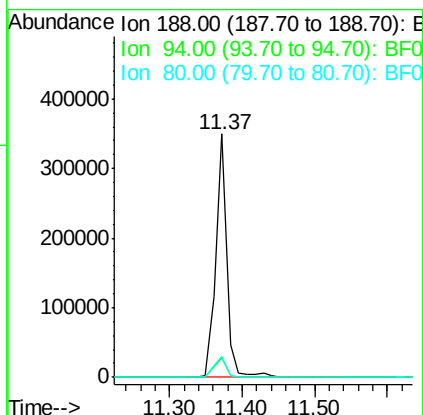
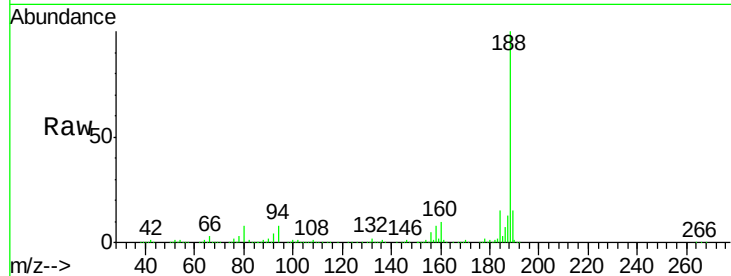




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

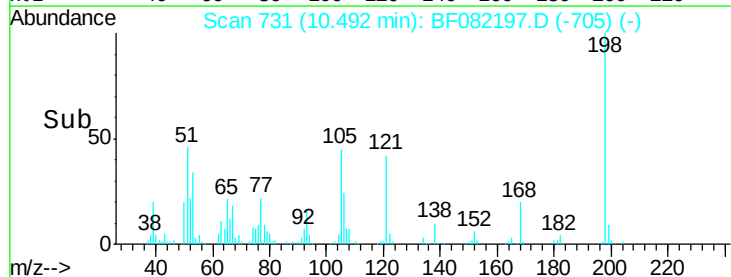
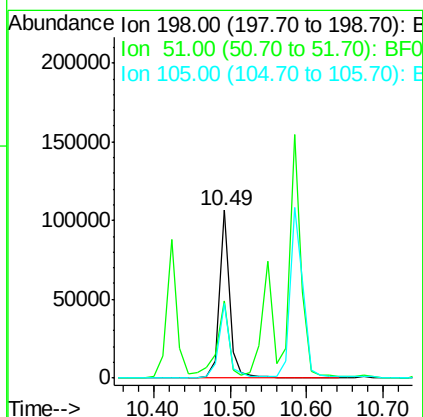
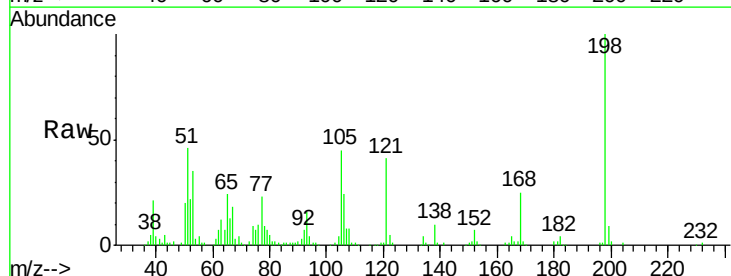
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

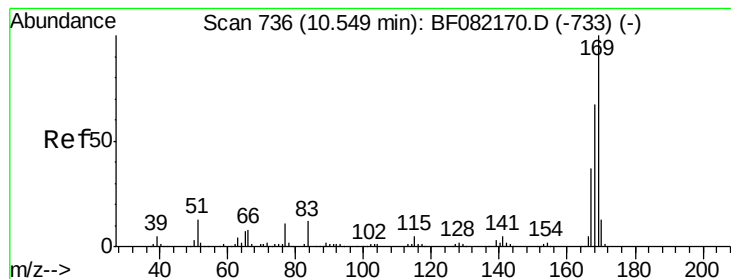
Tot Ion:188 Resp: 371397
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 8.4 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 48.04 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:198 Resp: 100129
Ion Ratio Lower Upper
198 100
51 46.3 13.6 53.6
105 44.8 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 46.16 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

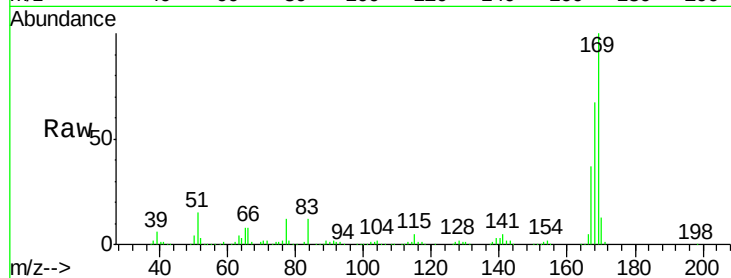
Tot Ion:169 Resp: 513307

Ion Ratio Lower Upper

169 100

168 67.1 54.0 81.0

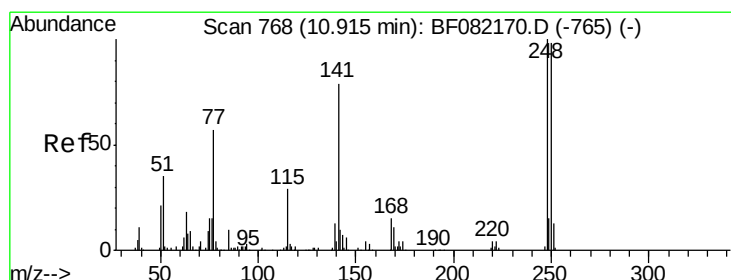
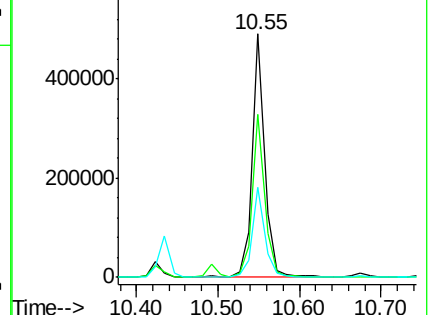
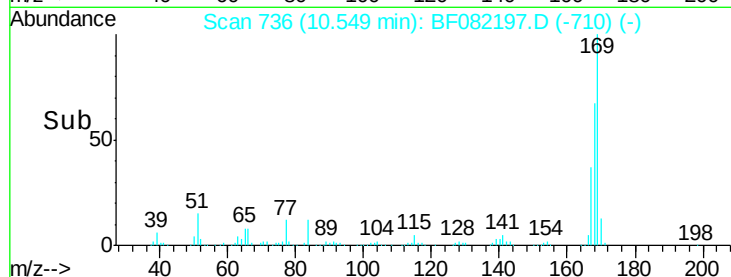
167 36.9 29.6 44.4



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: 48.24 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

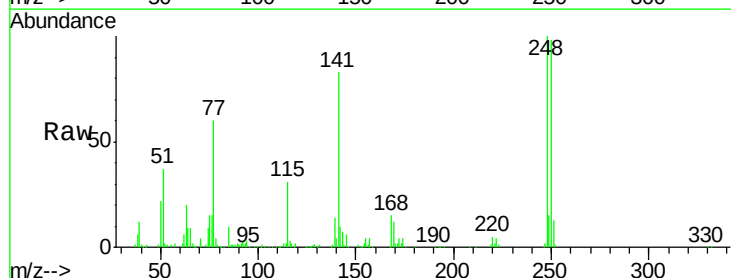
Tgt Ion:248 Resp: 179293

Ion Ratio Lower Upper

248 100

250 98.1 78.6 117.8

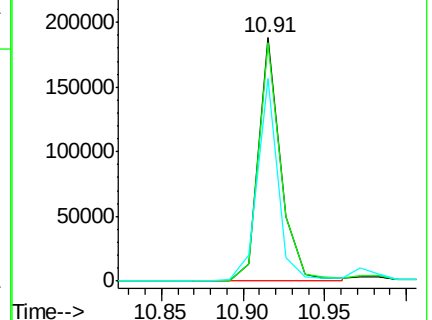
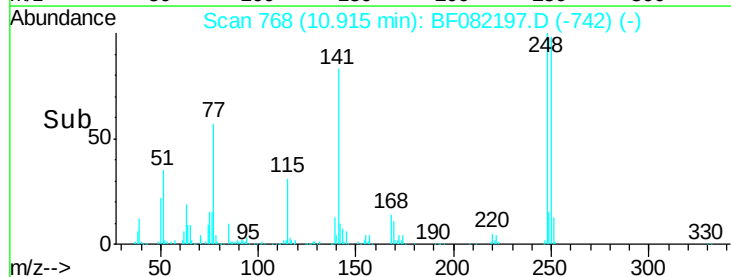
141 83.1 63.3 94.9

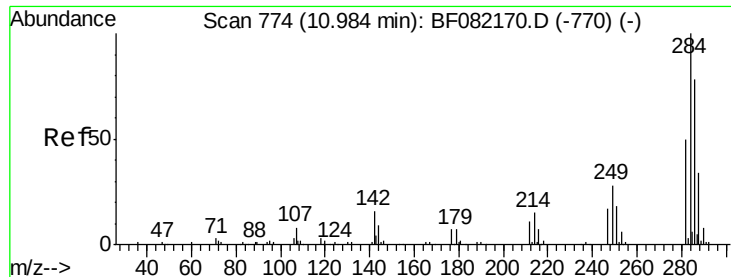


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 50.92 ng

RT: 10.98 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

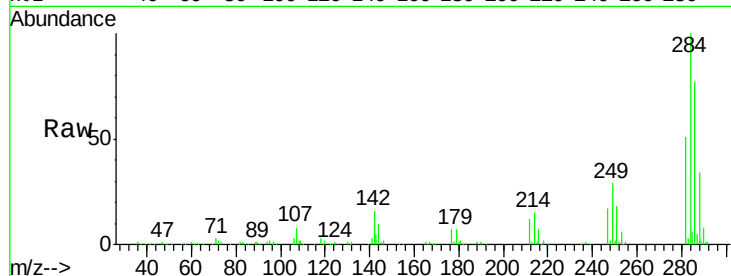
Tot Ion:284 Resp: 204707

Ion Ratio Lower Upper

284 100

142 16.5 13.0 19.6

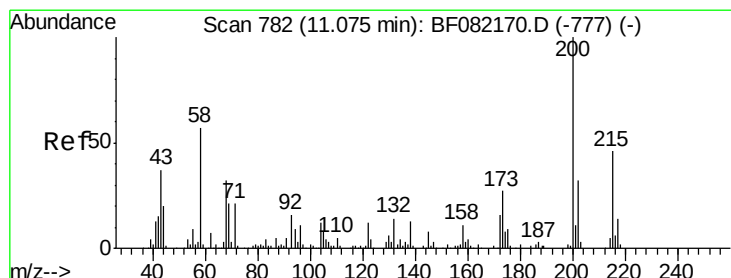
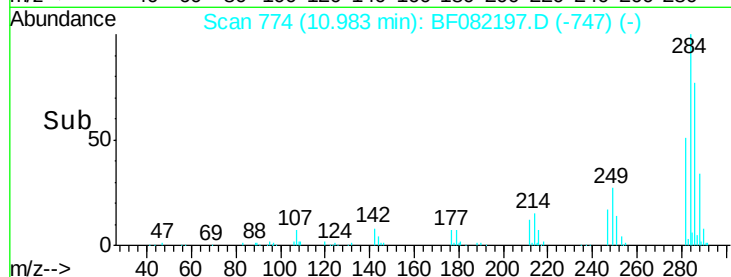
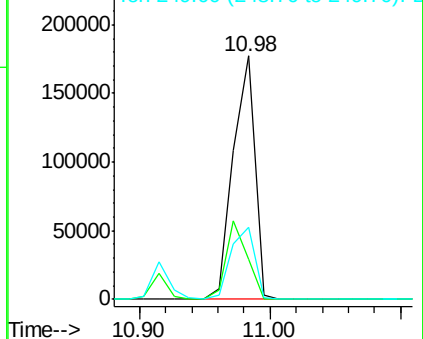
249 29.4 22.5 33.7



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: 47.59 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

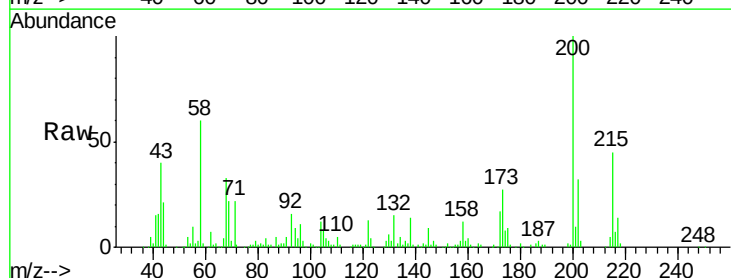
Tgt Ion:200 Resp: 167662

Ion Ratio Lower Upper

200 100

173 27.2 7.3 47.3

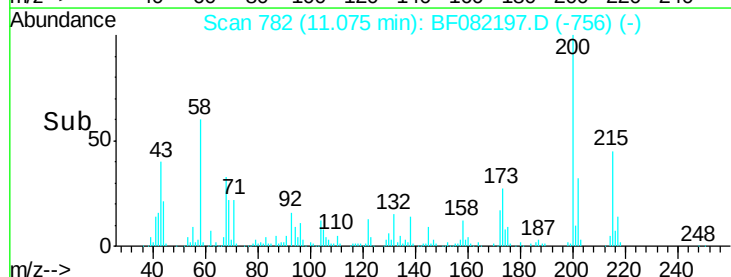
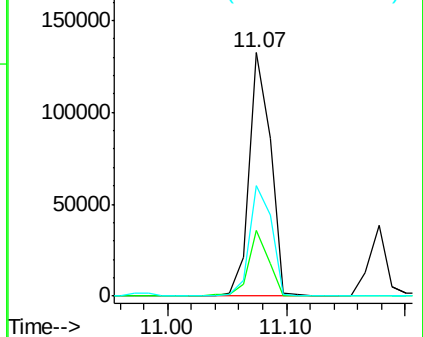
215 45.3 26.2 66.2

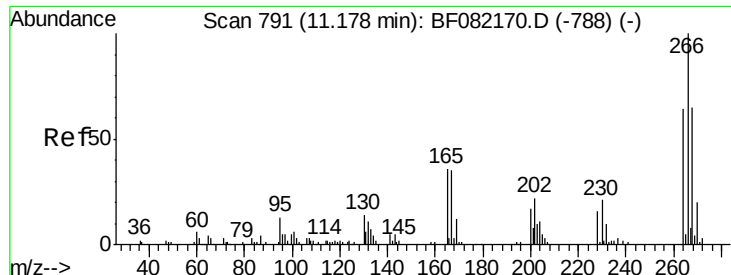


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

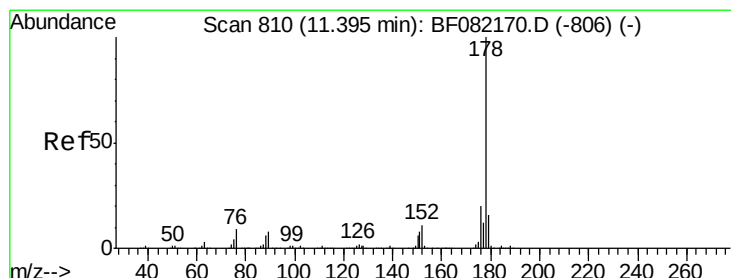
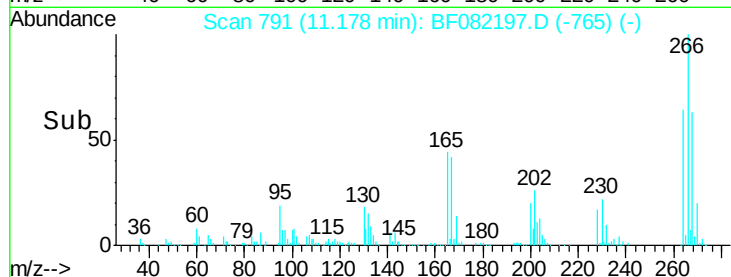
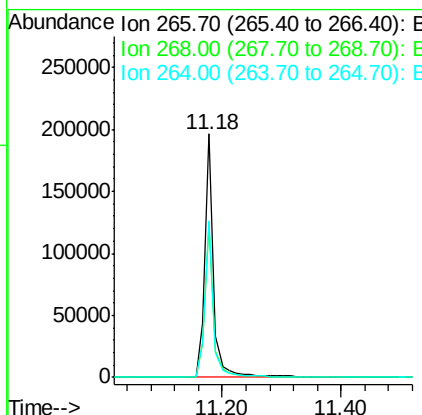
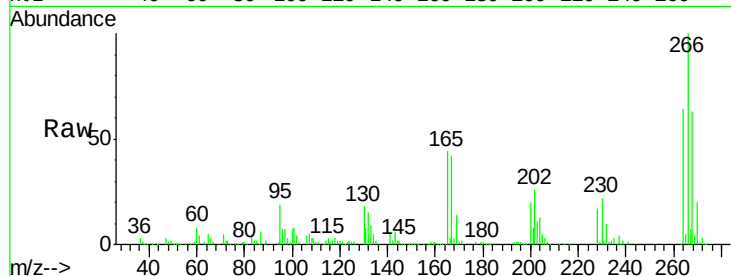




#69
 Pentachlorophenol
 Concen: 102.19 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

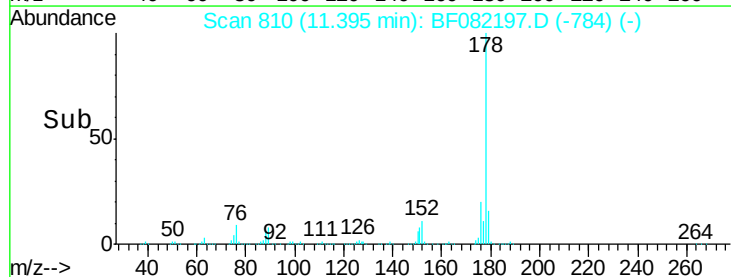
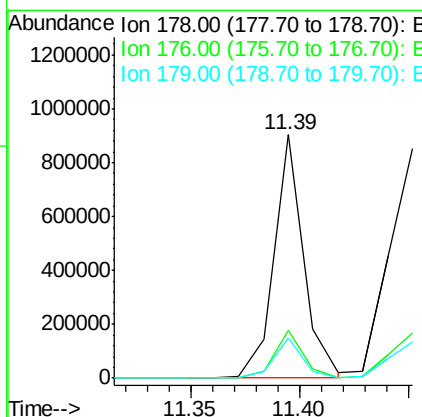
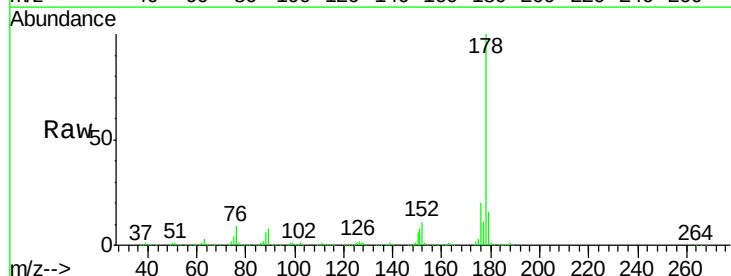
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

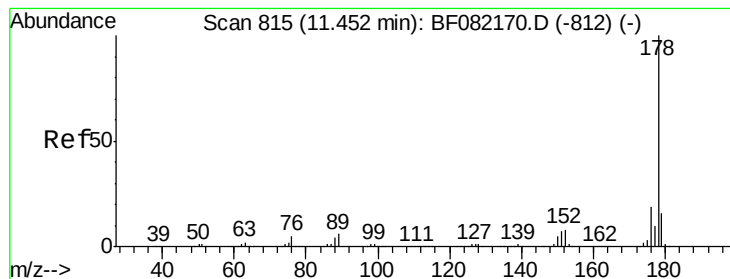
Tot Ion:266 Resp: 211378
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.0 78.0
 264 64.2 51.4 77.0



#70
 Phenanthrene
 Concen: 47.29 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion:178 Resp: 860962
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.3 12.6 19.0





#71

Anthracene

Concen: 53.36 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

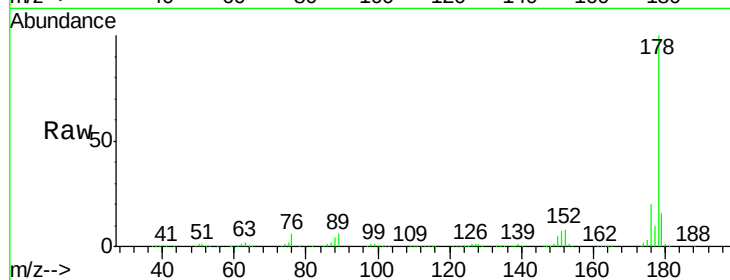
Tot Ion:178 Resp: 1000972

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

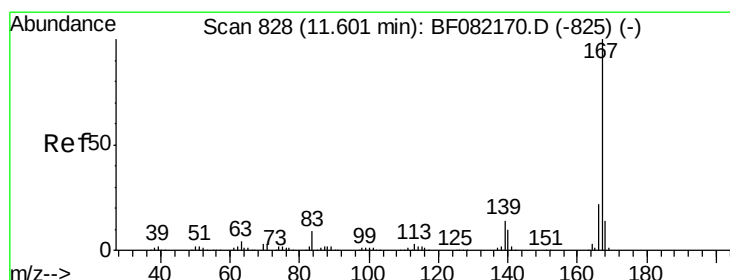
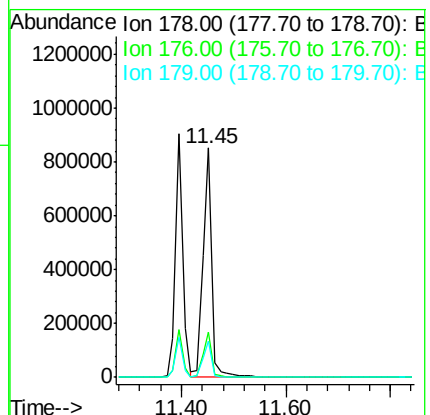
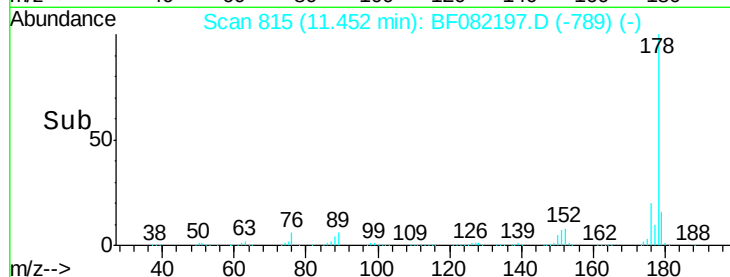
179 15.6 12.5 18.7



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: 47.77 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

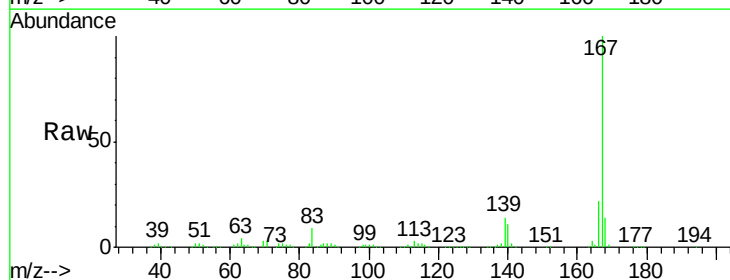
Tgt Ion:167 Resp: 817545

Ion Ratio Lower Upper

167 100

166 22.4 17.3 25.9

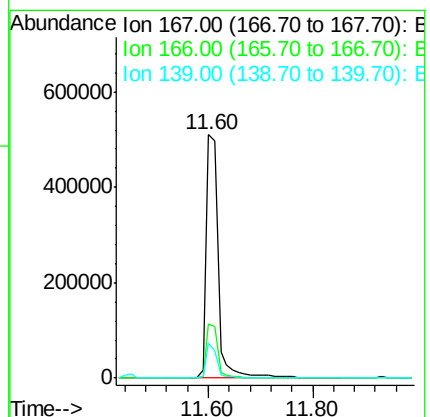
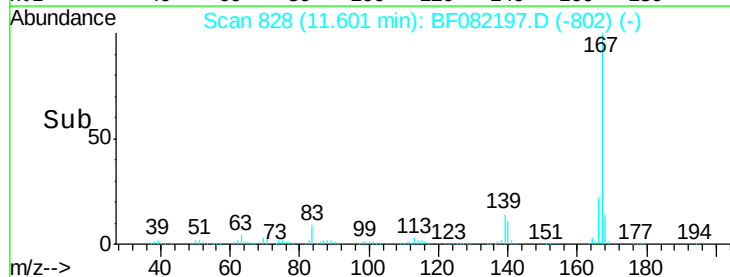
139 14.1 11.2 16.8

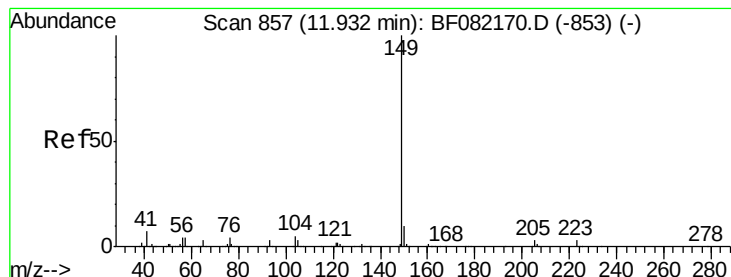


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.21 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

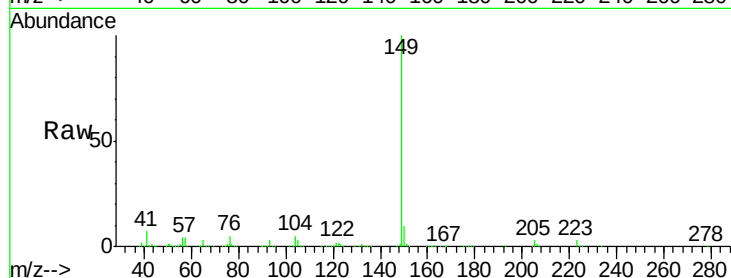
Tot Ion:149 Resp: 1017726

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

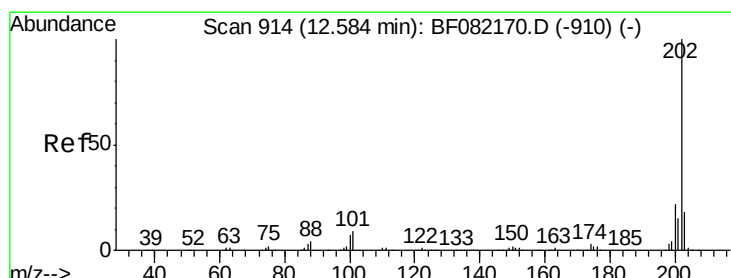
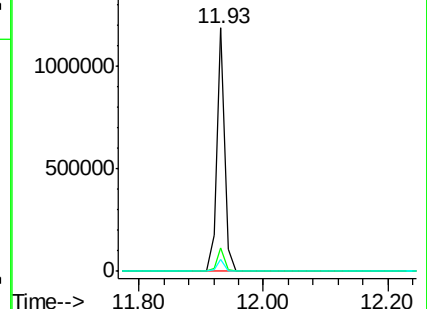
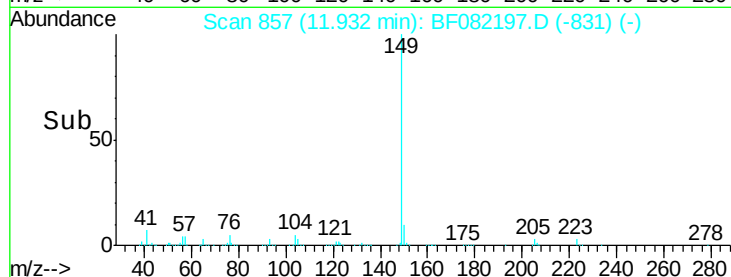
104 4.9 3.8 5.8



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: 50.13 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

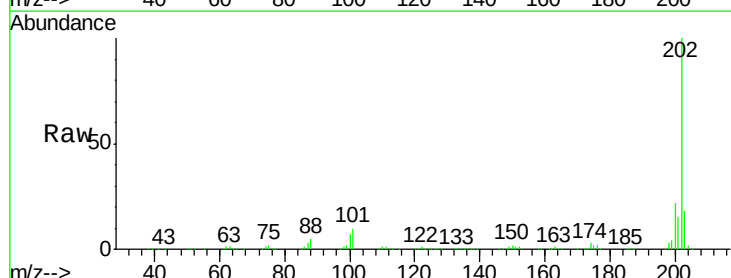
Tgt Ion:202 Resp: 980214

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

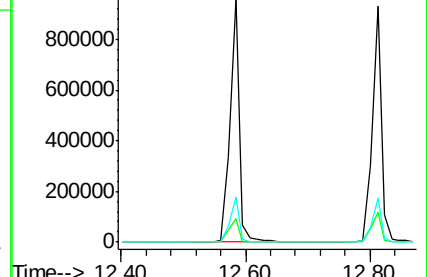
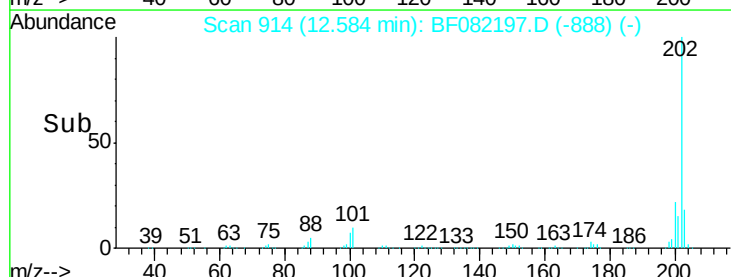
203 18.4 0.0 37.8

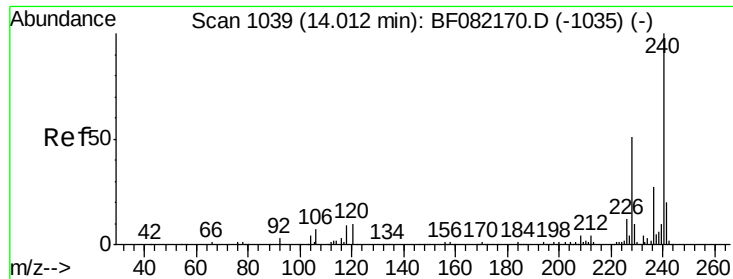


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

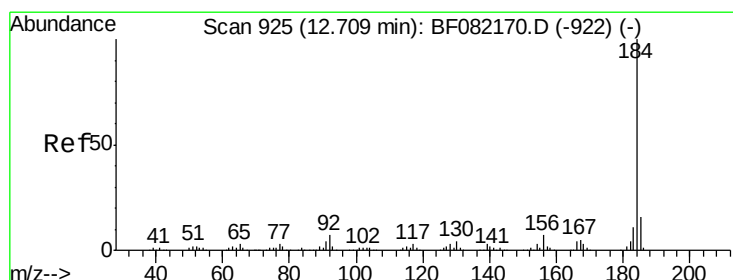
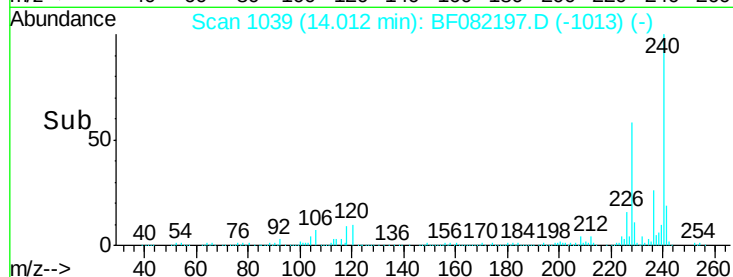
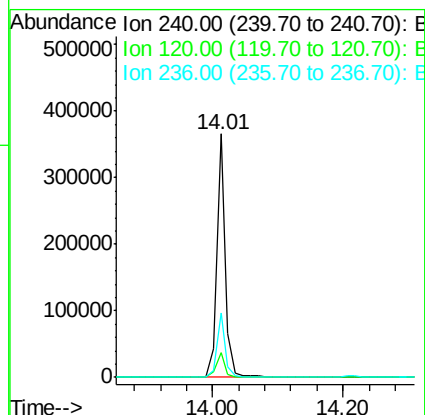
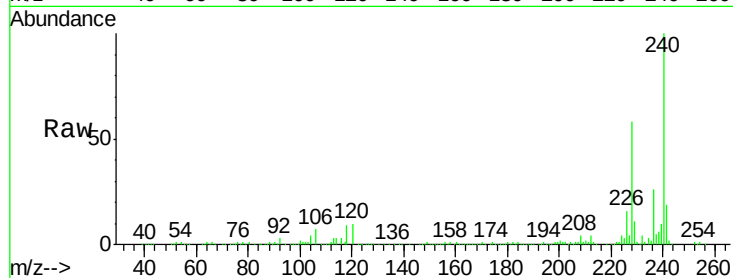




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

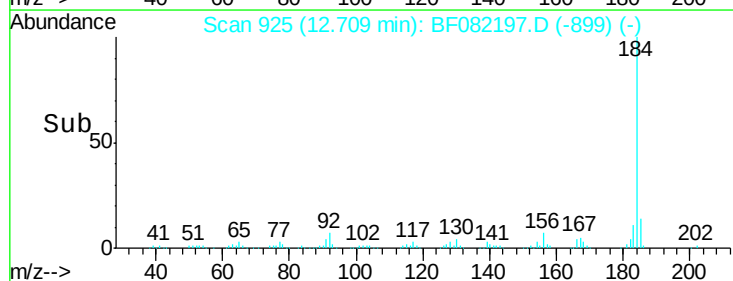
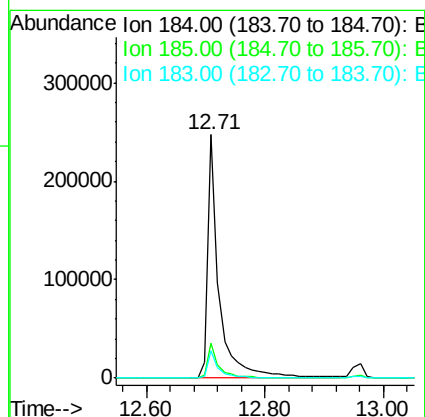
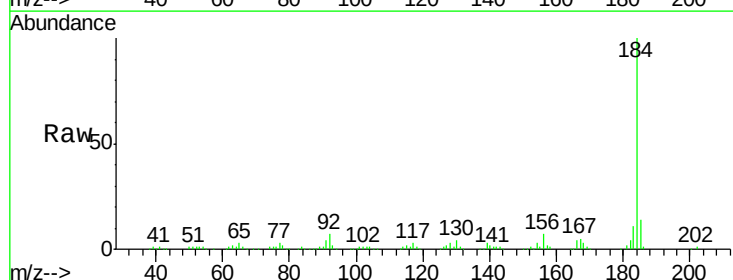
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

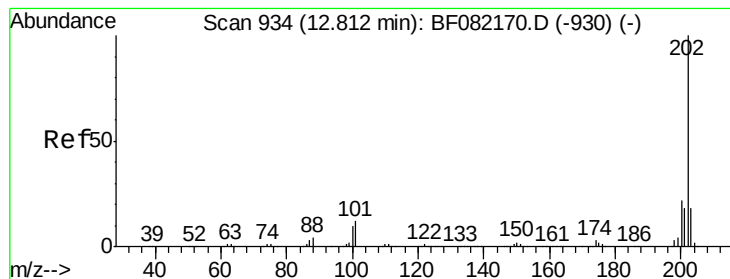
Tot Ion:240 Resp: 341310
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.1 12.1
 236 26.3 21.3 31.9



#76
 Benzidine
 Concen: 34.10 ng
 RT: 12.71 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion:184 Resp: 337247
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.5 18.7
 183 11.5 9.1 13.7





#77

Pvrene

Concen: 46.39 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

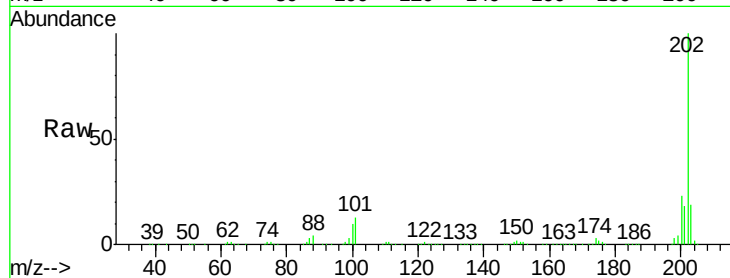
Tot Ion:202 Resp: 939582

Ion Ratio Lower Upper

202 100

200 22.6 17.9 26.9

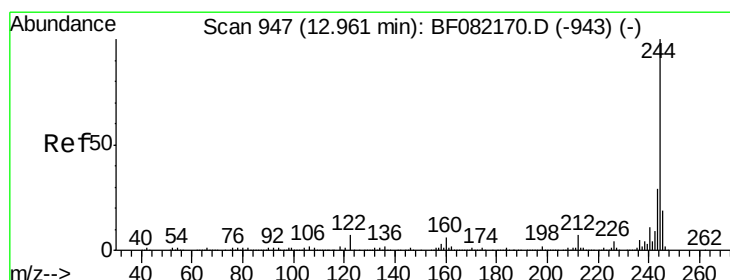
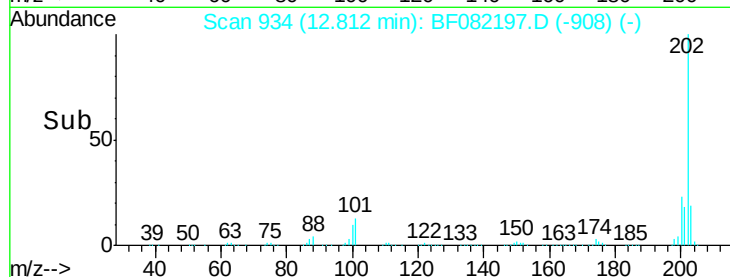
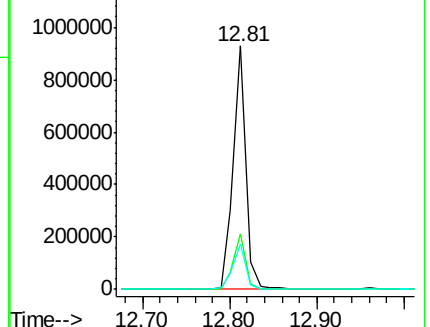
203 18.7 14.5 21.7



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: 99.72 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

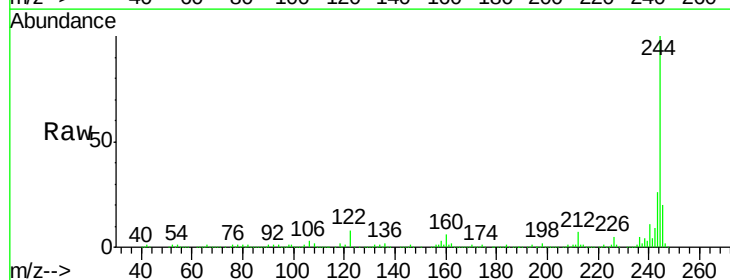
Tgt Ion:244 Resp: 1284453

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

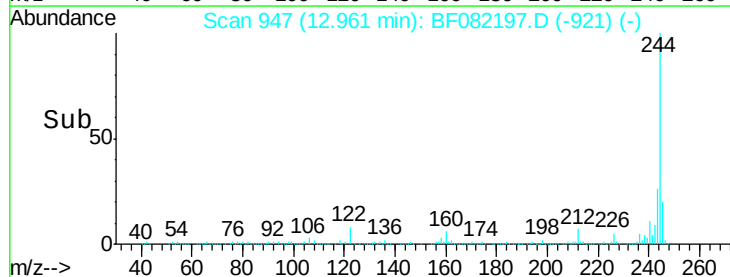
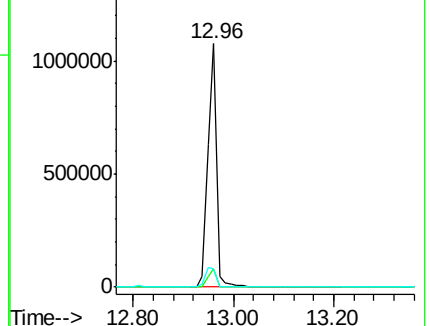
122 7.8 5.9 8.9

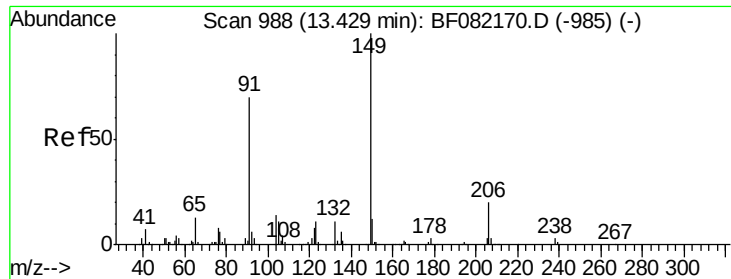


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

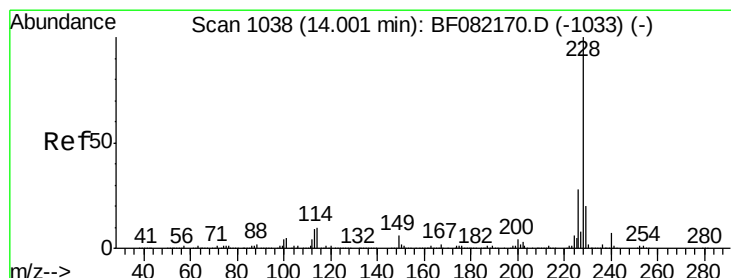
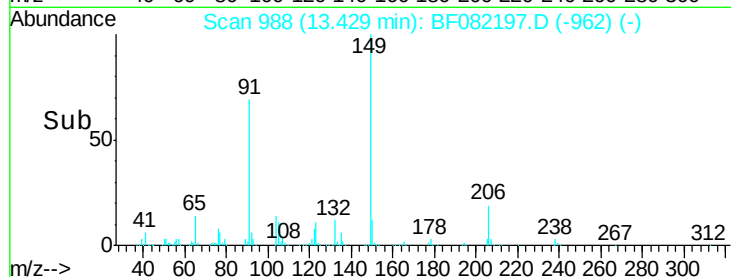
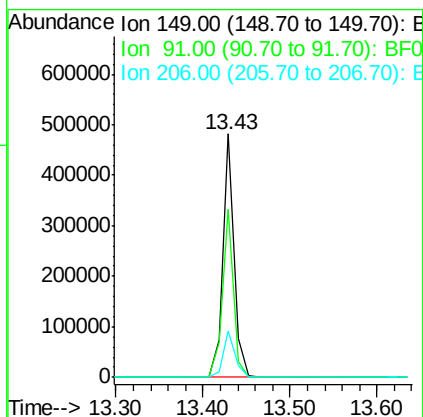
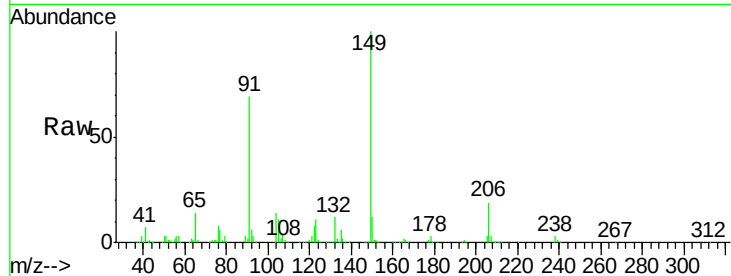




#79
Butylbenzylphthalate
Concen: 47.49 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

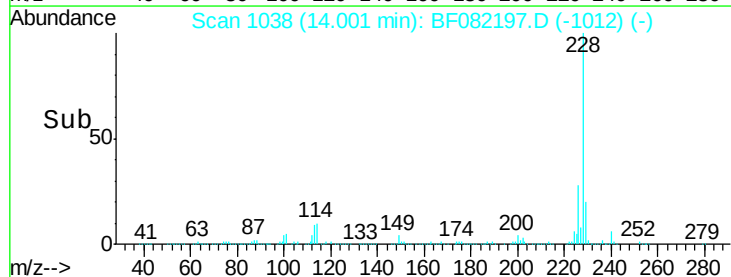
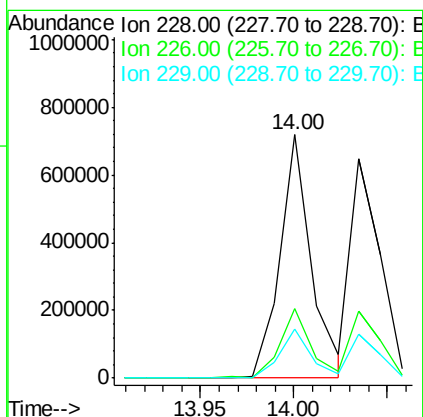
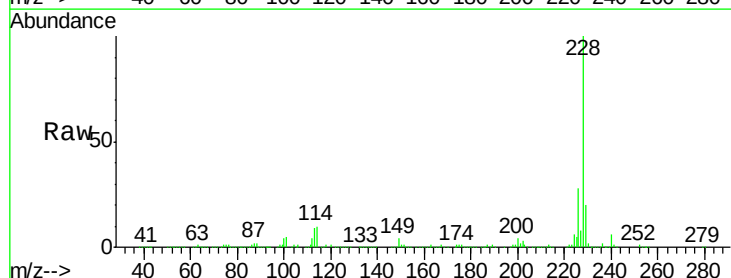
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

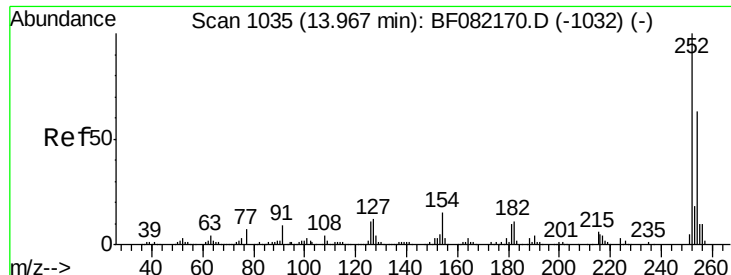
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.7	83.5
206	19.2	15.6	23.4



#80
Benzo(a)anthracene
Concen: 47.50 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.4	16.2	24.2

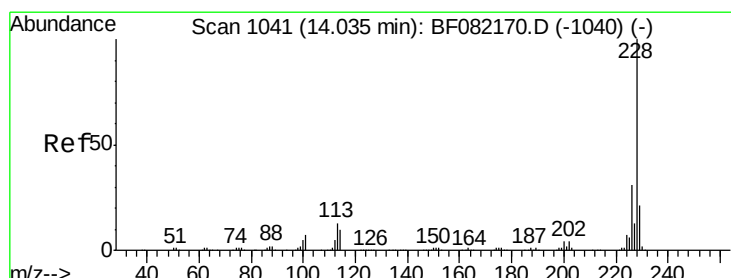
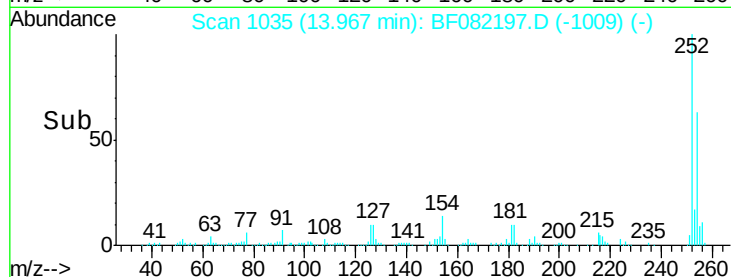
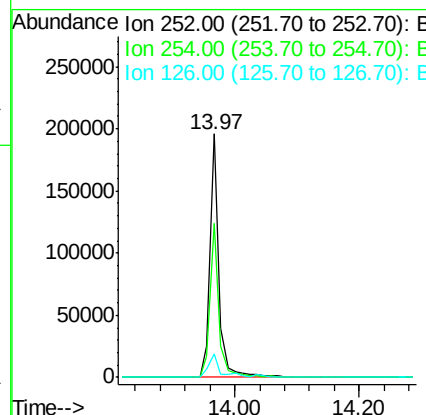
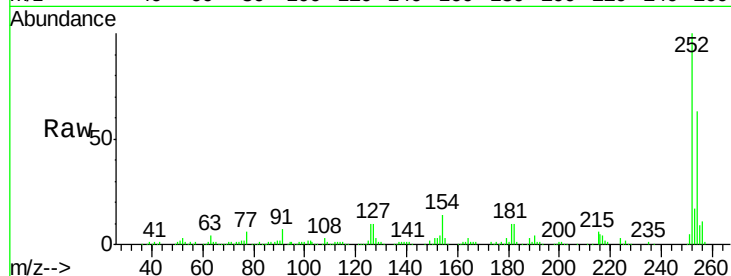




#81
 3,3'-Dichlorobenzidine
 Concen: 29.47 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

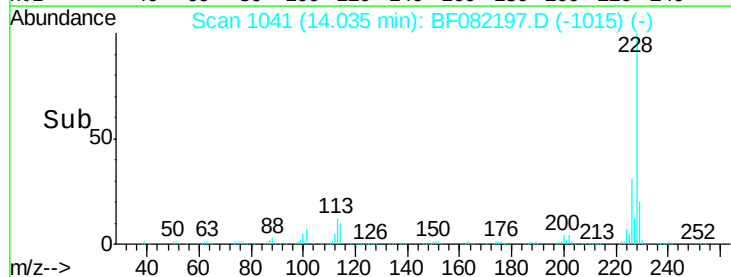
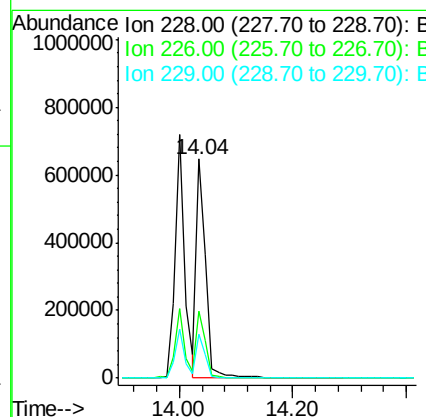
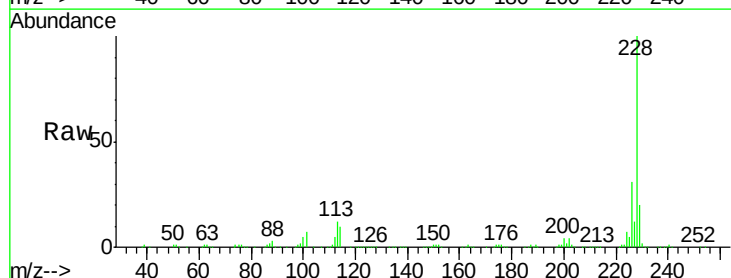
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

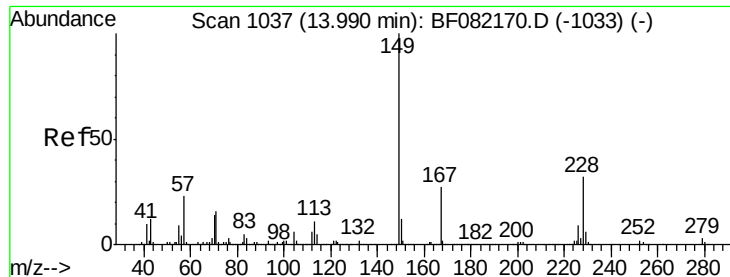
Tot Ion:252 Resp: 198675
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 9.8 9.0 13.6



#82
 Chrysene
 Concen: 40.41 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion:228 Resp: 756077
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 20.3 16.3 24.5

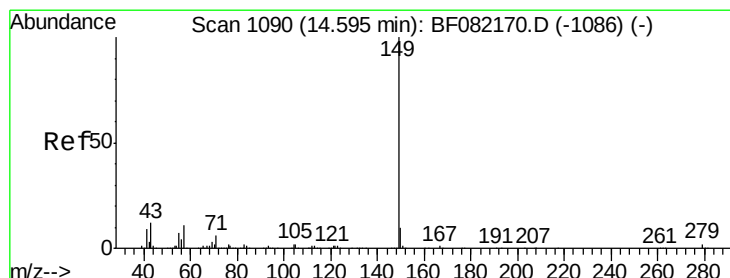
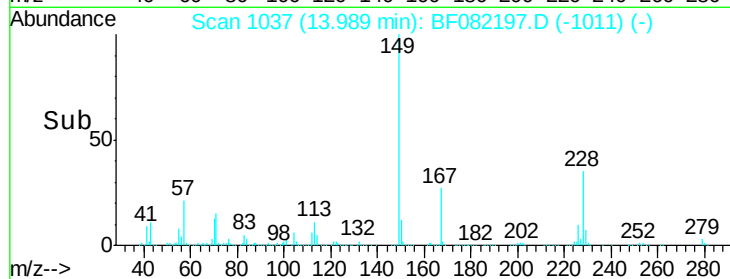
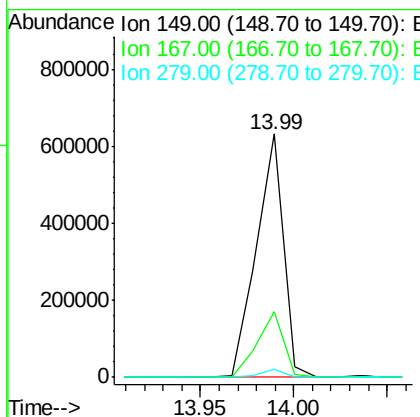
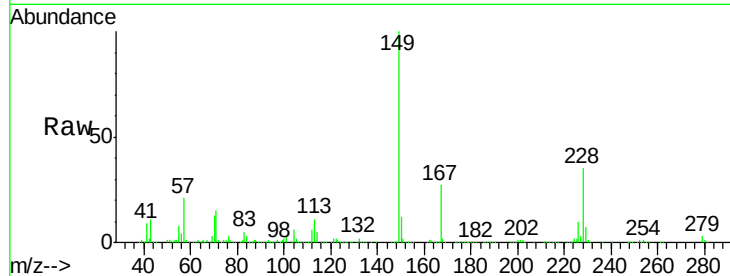




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.75 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

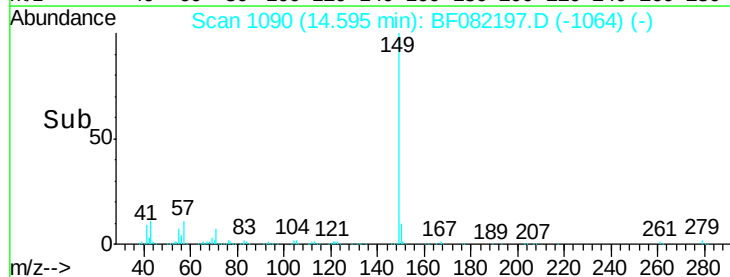
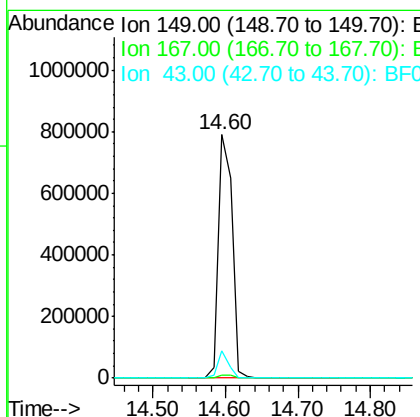
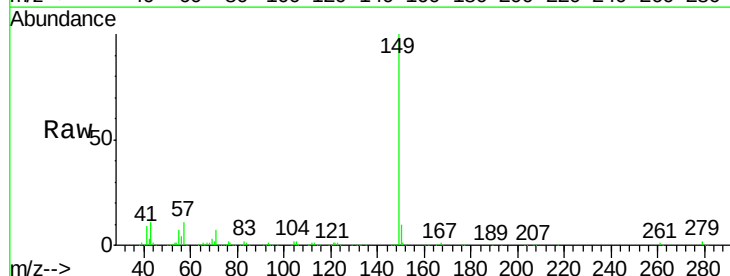
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

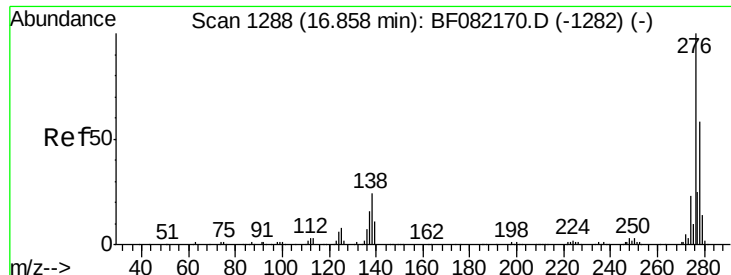
Tot Ion:149 Resp: 642848
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.5 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 45.64 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion:149 Resp: 1033648
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.1 7.4 11.2

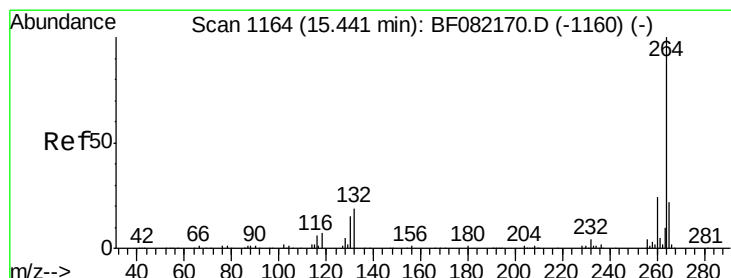
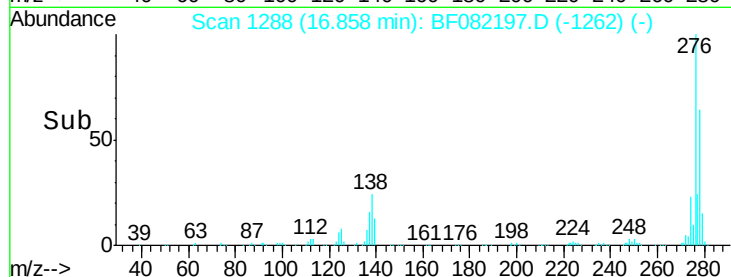
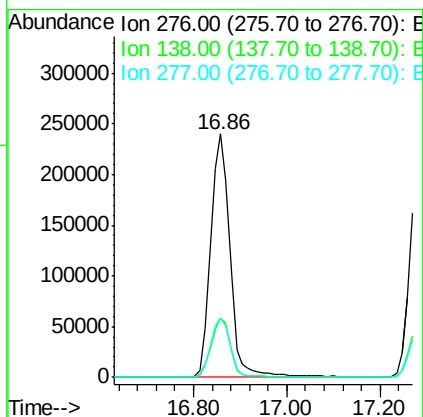
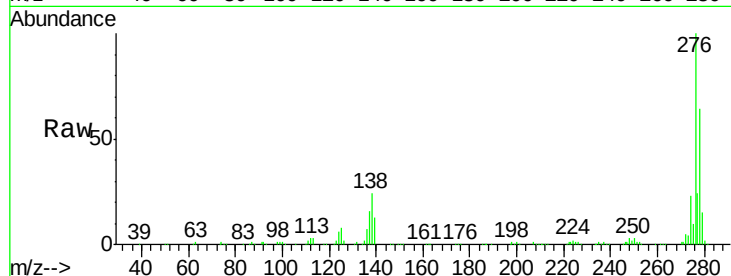




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.67 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

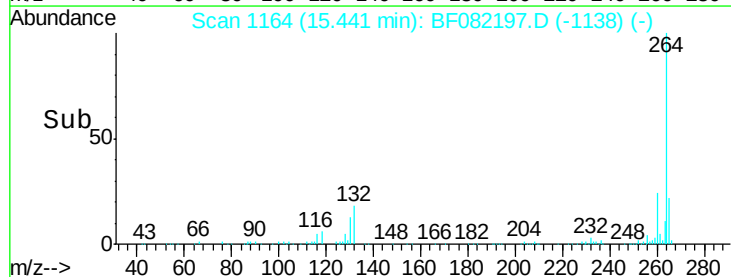
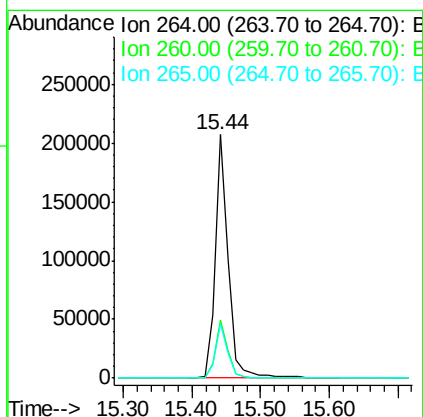
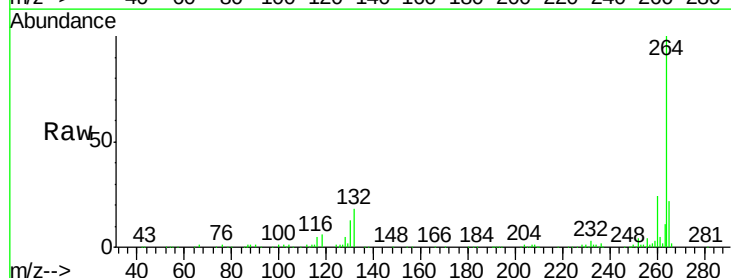
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

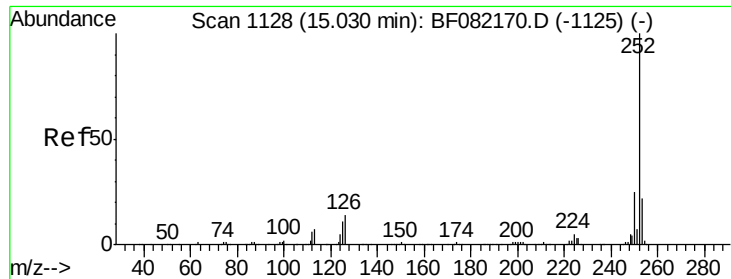
Tot Ion:276 Resp: 694160
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.7 29.5
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Tgt Ion:264 Resp: 276311
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 91.49 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.03 min

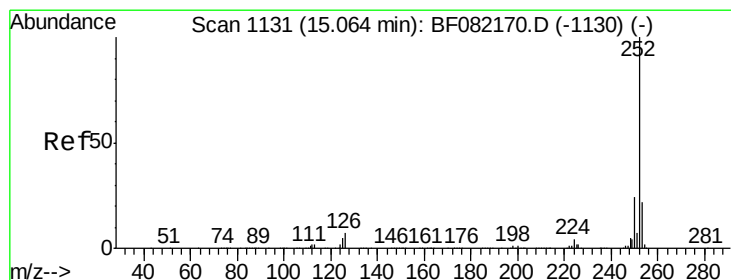
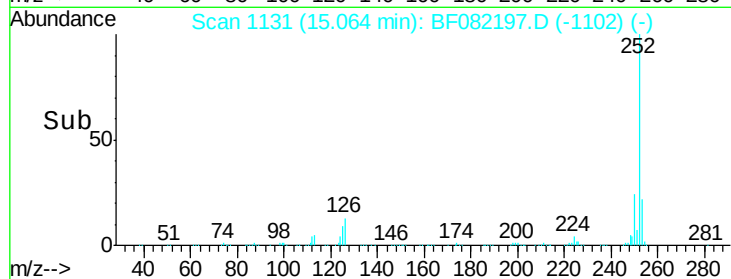
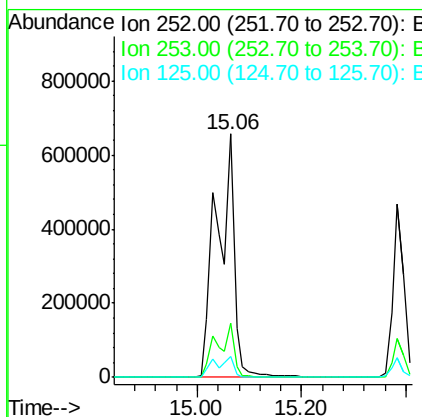
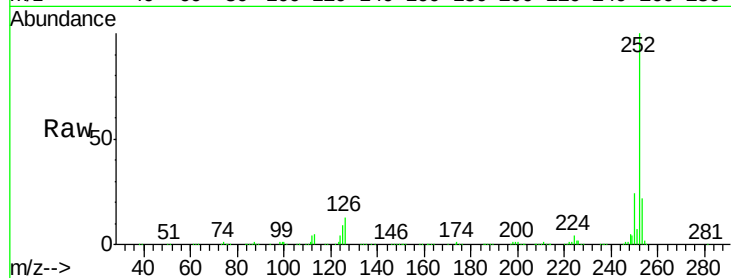
Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

Tot Ion:252 Resp: 1537993

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	8.6	8.6	12.8#



#88

Benzo(k)fluoranthene

Concen: 109.08 ng

RT: 15.06 min Scan# 1131

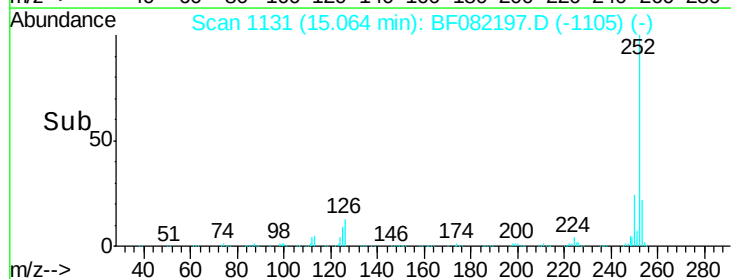
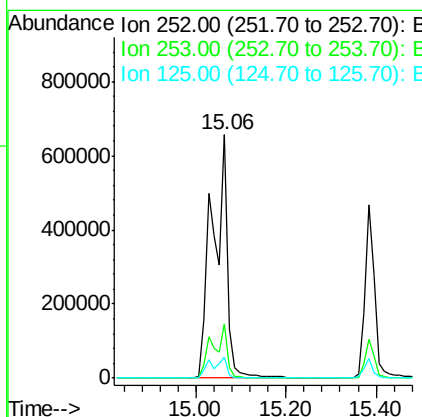
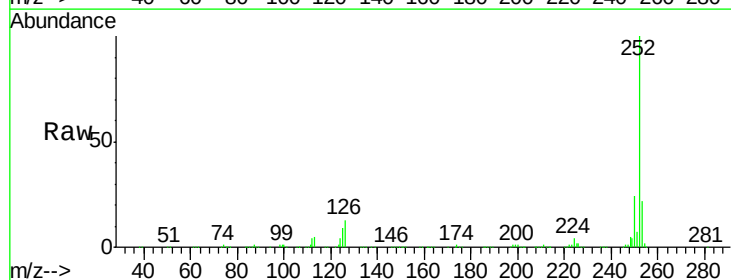
Delta R.T. 0.00 min

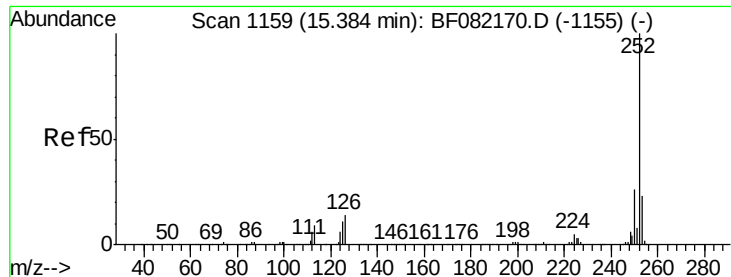
Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Tgt Ion:252 Resp: 1541318

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.6	6.7	10.1





#89

Benzo(a)pyrene

Concen: 48.65 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-02)MS

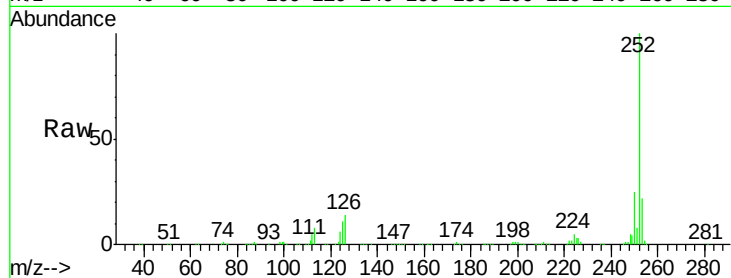
Tot Ion:252 Resp: 702824

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

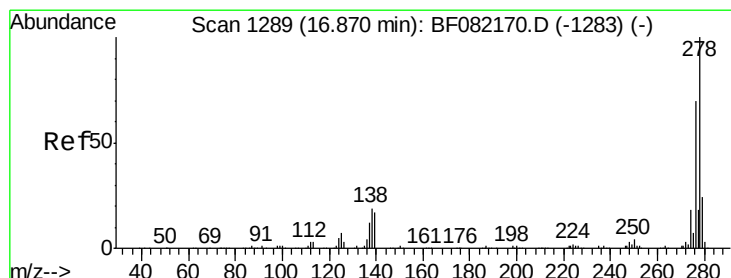
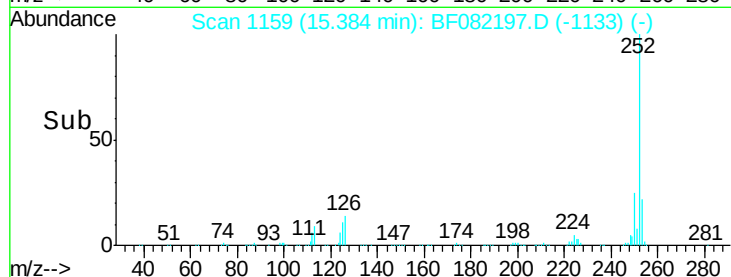
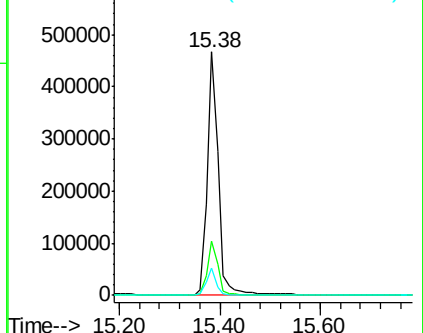
125 11.2 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.37 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF082197.D

Acq: 11 Oct 2015 1:42

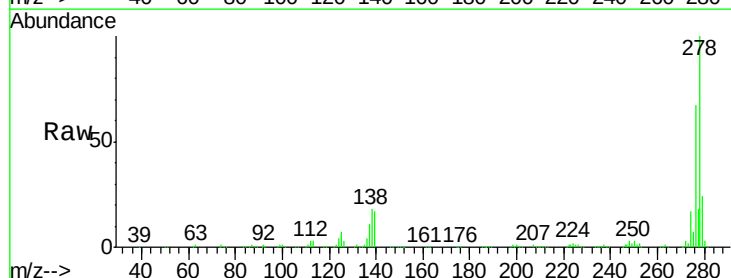
Tgt Ion:278 Resp: 584455

Ion Ratio Lower Upper

278 100

139 16.8 13.3 19.9

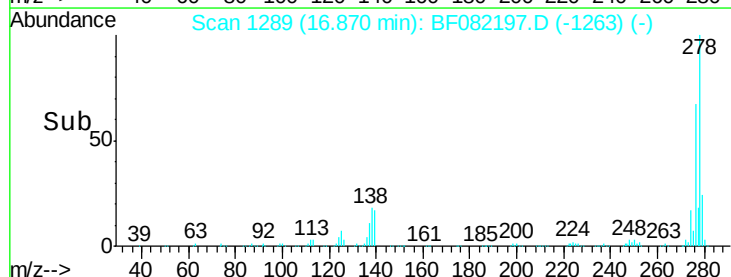
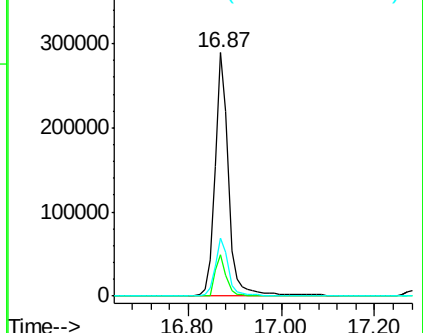
279 24.0 18.9 28.3

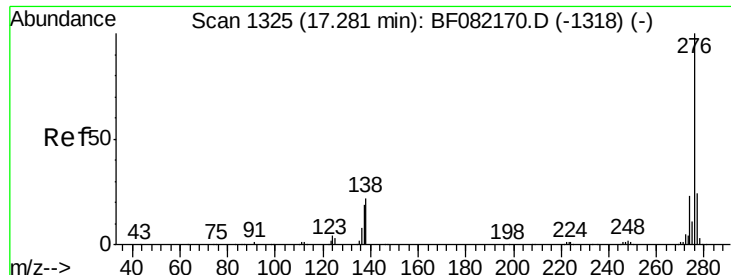


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.98 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082197.D
 Acq: 11 Oct 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-02)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.7	17.4	26.2

