

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082553.D
 Acq On : 27 Oct 2015 18:19
 Operator : UM/IZ
 Sample : G4157-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Quant Time: Oct 28 01:24:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	80332	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	314883	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	152329	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	285445	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	210382	20.00	ng	-0.02
86) Perylene-d12	15.29	264	152933	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	658493	161.82	ng	0.01
7) Phenol-d6	6.38	99	812710	153.24	ng	0.00
23) Nitrobenzene-d5	7.29	82	529677	108.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	185984	163.05	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1116465	116.55	ng	-0.01
78) Terphenyl-d14	12.82	244	967320	132.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	75130	36.79	ng	# 87
3) Pyridine	2.95	79	193620	40.67	ng	98
4) n-Nitrosodimethylamine	2.91	42	99206	47.38	ng	91
6) Aniline	6.38	93	183402	27.44	ng	# 90
8) 2-Chlorophenol	6.50	128	245071	51.35	ng	97
9) Benzaldehyde	6.26	77	83116	29.77	ng	94
10) Phenol	6.39	94	272769	45.30	ng	99
11) bis(2-Chloroethyl)ether	6.46	93	218272	45.68	ng	98
12) 1,3-Dichlorobenzene	6.65	146	268784m	47.21	ng	
13) 1,4-Dichlorobenzene	6.73	146	268529	45.84	ng	96
14) 1,2-Dichlorobenzene	6.88	146	259349m	47.70	ng	
15) Benzyl Alcohol	6.87	79	193110	52.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	319036	49.31	ng	# 41
17) 2-Methylphenol	6.99	107	193769	50.62	ng	# 90
18) Hexachloroethane	7.21	117	92854	46.57	ng	91
19) n-Nitroso-di-n-propylamine	7.14	70	182825	52.91	ng	99
20) 3+4-Methylphenols	7.15	107	253575	51.85	ng	94
22) Acetophenone	7.13	105	332240	48.63	ng	# 97
24) Nitrobenzene	7.31	77	244104	44.79	ng	92
25) Isophorone	7.54	82	461308	47.57	ng	95
26) 2-Nitrophenol	7.62	139	132267	50.24	ng	# 76
27) 2,4-Dimethylphenol	7.68	122	217016	50.72	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	297672	52.35	ng	98
29) 2,4-Dichlorophenol	7.87	162	235337	55.14	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	232194	48.11	ng	96
31) Naphthalene	8.02	128	705130	49.00	ng	99
33) 4-Chloroaniline	8.09	127	105773	18.96	ng	99
34) Hexachlorobutadiene	8.14	225	136170	48.78	ng	98
35) Caprolactam	8.47	113	56088m	47.28	ng	
36) 4-Chloro-3-methylphenol	8.59	107	226552	54.59	ng	89
37) 2-Methylnaphthalene	8.72	142	489479	50.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	234220	50.94	ng	99
40) Hexachlorocyclopentadiene	8.86	237	96880	73.21	ng	99
42) 2,4,6-Trichlorophenol	9.01	196	143518	50.07	ng	98

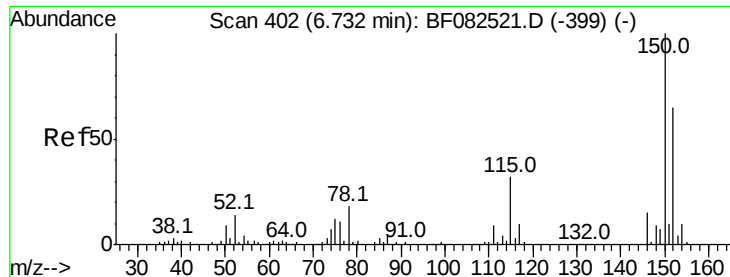
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	150015	49.91	nq	# 93
45) 1,1'-Biphenyl	9.18	154	578499	51.03	nq	97
46) 2-Chloronaphthalene	9.21	162	471231	52.74	nq	95
47) 2-Nitroaniline	9.31	65	138933	53.54	nq	95
48) Acenaphthylene	9.62	152	753125	52.63	nq	99
49) Dimethylphthalate	9.50	163	726911	68.58	nq	98
50) 2,6-Dinitrotoluene	9.57	165	118270	50.89	nq	# 87
51) Acenaphthene	9.79	154	432137	52.65	nq	99
52) 3-Nitroaniline	9.73	138	86672	34.37	nq	# 73
53) 2,4-Dinitrophenol	9.86	184	13858	20.84	nq	# 83
54) Dibenzofuran	9.97	168	660530	55.16	nq	94
55) 4-Nitrophenol	9.92	139	96597m	80.62	nq	
56) 2,4-Dinitrotoluene	9.97	165	161408	57.27	nq	# 78
57) Fluorene	10.31	166	519994	52.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	119305	51.85	nq	97
59) Diethylphthalate	10.18	149	504459	48.90	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	255858	55.34	nq	# 85
61) 4-Nitroaniline	10.35	138	120411	47.68	nq	99
62) Azobenzene	10.46	77	549515	55.15	nq	85
64) 4,6-Dinitro-2-methylphenol	10.38	198	70473	42.08	nq	93
65) n-Nitrosodiphenylamine	10.42	169	464988	53.84	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	152617	56.97	nq	# 76
67) Hexachlorobenzene	10.85	284	152712	53.45	nq	# 81
68) Atrazine	10.96	200	145959	54.59	nq	93
69) Pentachlorophenol	11.05	266	78971	68.88	nq	98
70) Phenanthrene	11.27	178	803571	54.70	nq	100
71) Anthracene	11.31	178	774760	52.37	nq	99
72) Carbazole	11.49	167	685113	52.52	nq	98
73) Di-n-butylphthalate	11.81	149	900015	57.84	nq	99
74) Fluoranthene	12.46	202	810755	53.77	nq	94
76) Benzidine	12.58	184	174504	30.23	nq	98
77) Pyrene	12.69	202	804481	62.17	nq	98
79) Butylbenzylphthalate	13.30	149	346462	63.68	nq	# 75
80) Benzo(a)anthracene	13.88	228	603965	53.55	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	124552	31.85	nq	# 98
82) Chrysene	13.91	228	592689	55.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	414168	56.84	nq	# 96
84) Di-n-octyl phthalate	14.47	149	574571	47.78	nq	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	460467	47.04	nq	98
87) Benzo(b)fluoranthene	14.89	252	560466m	61.71	nq	
88) Benzo(k)fluoranthene	14.93	252	372999m	50.38	nq	
89) Benzo(a)pyrene	15.24	252	435194	55.31	nq	# 97
90) Dibenzo(a,h)anthracene	16.65	278	397804	60.43	nq	99
91) Benzo(g,h,i)perylene	17.05	276	408969	62.79	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.02 min

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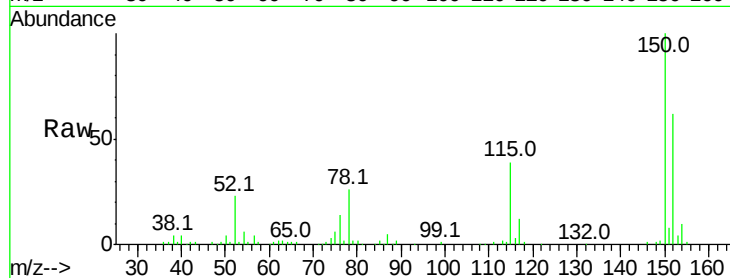
Tot Ion:152 Resp: 80332

Ion Ratio Lower Upper

152 100

150 161.8 123.4 185.0

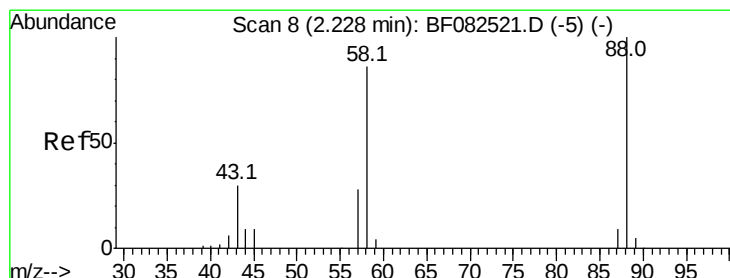
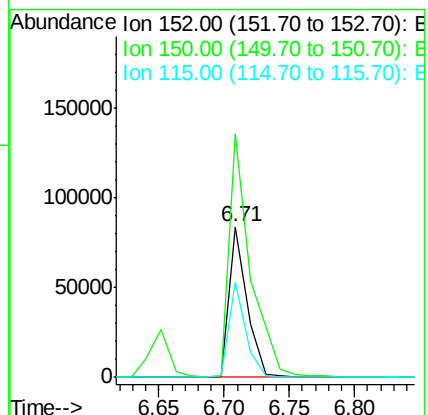
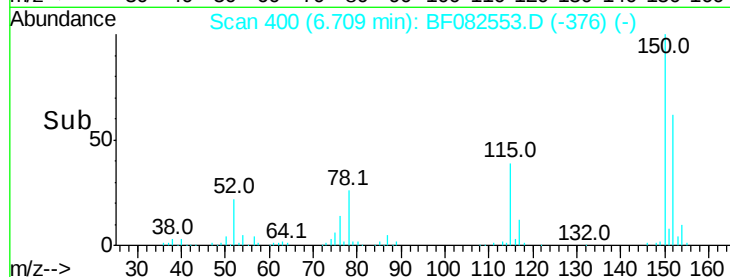
115 62.8 39.0 58.4#



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: 36.79 ng

RT: 2.26 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

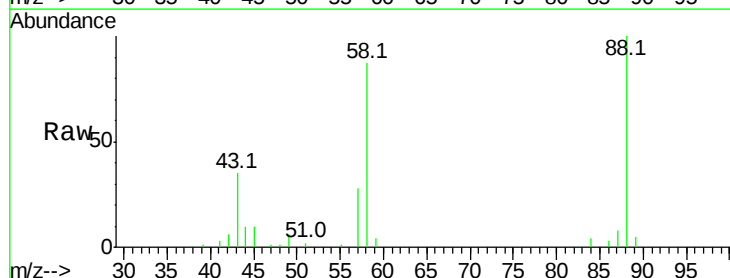
Tgt Ion: 88 Resp: 75130

Ion Ratio Lower Upper

88 100

58 90.1 63.0 94.4

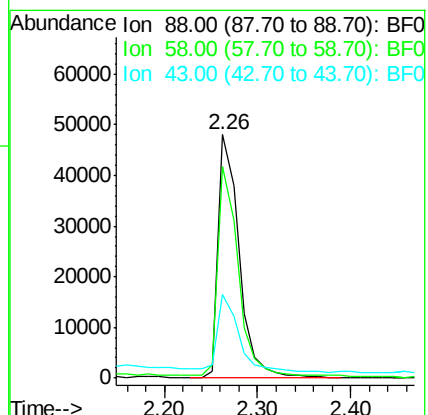
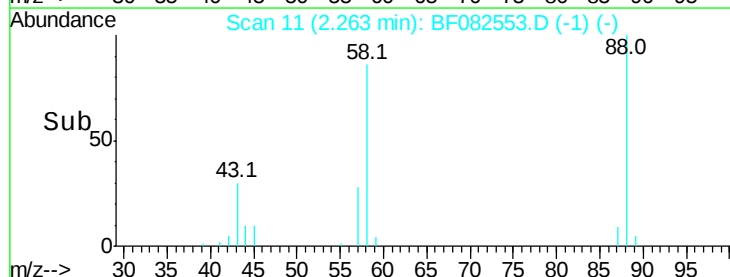
43 34.1 22.5 33.7#

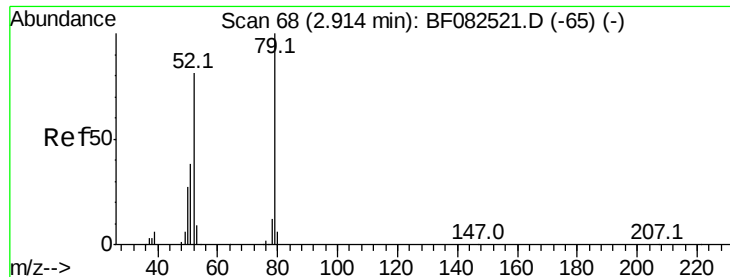


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.67 ng

RT: 2.95 min Scan# 71

Delta R.T. 0.03 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

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SB-1MS

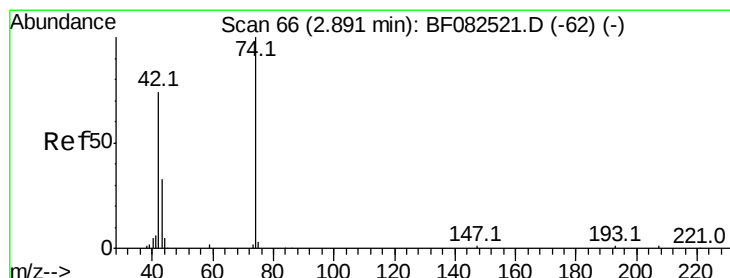
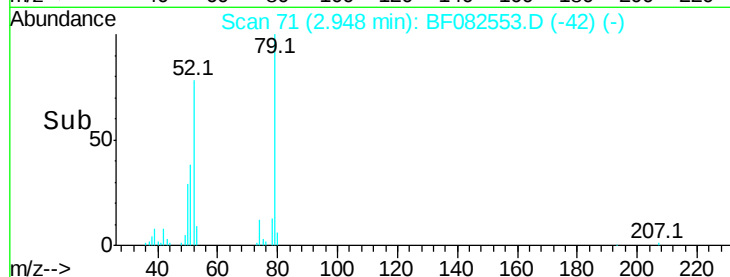
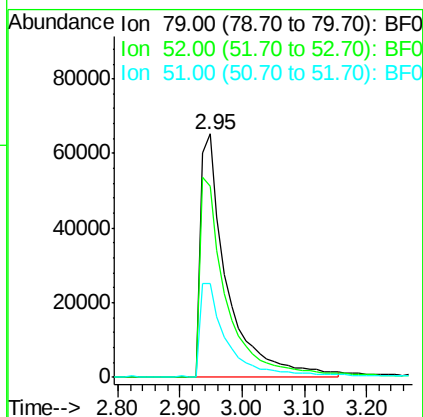
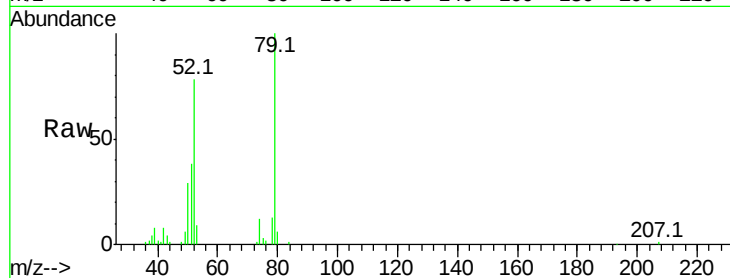
Tot Ion: 79 Resp: 193620

Ion Ratio Lower Upper

79 100

52 78.4 64.4 96.6

51 38.3 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 47.38 ng

RT: 2.91 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

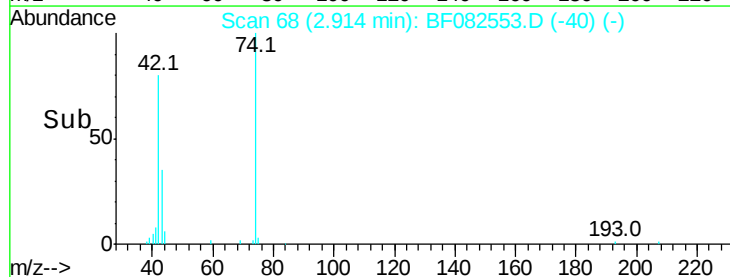
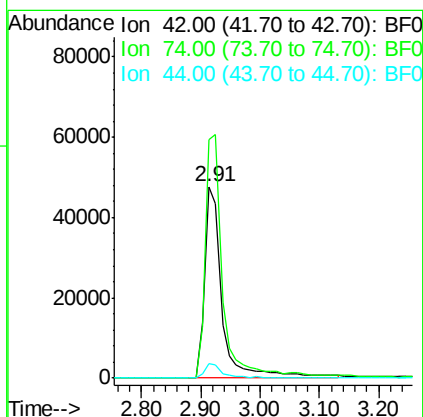
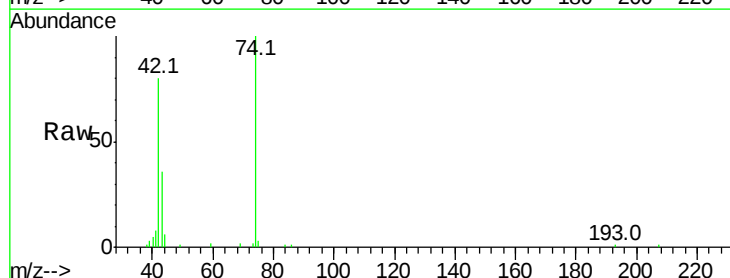
Tgt Ion: 42 Resp: 99206

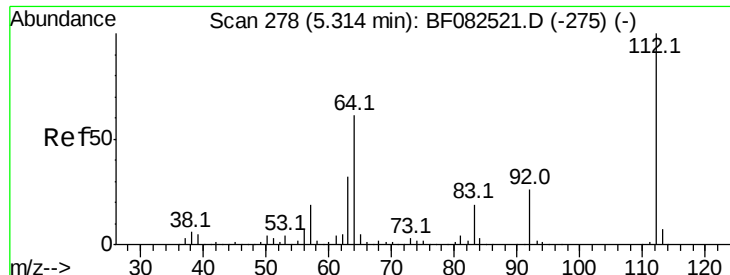
Ion Ratio Lower Upper

42 100

74 124.4 108.3 162.5

44 7.7 5.5 8.3

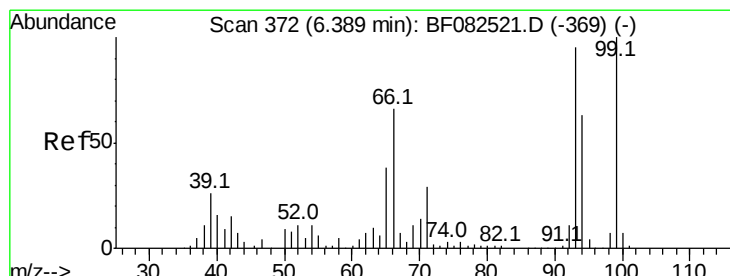
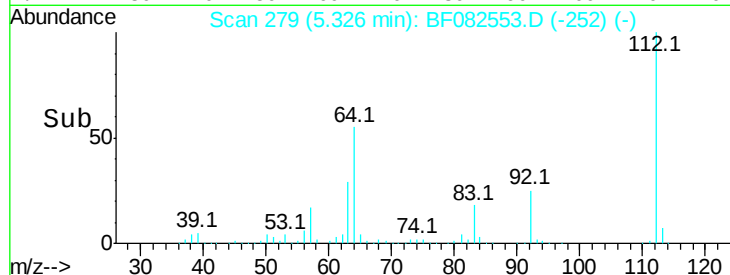
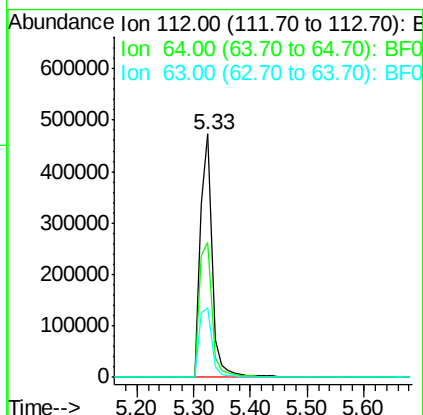
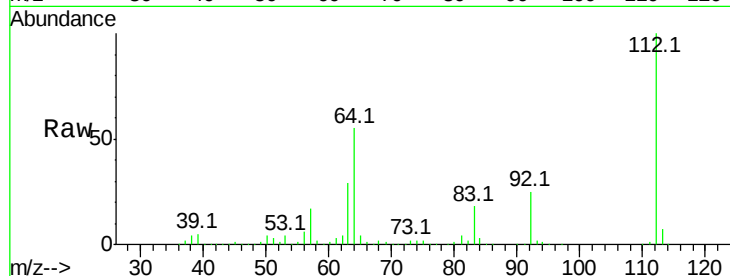




#5
 2-Fluorophenol
 Concen: 161.82 ng
 RT: 5.33 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

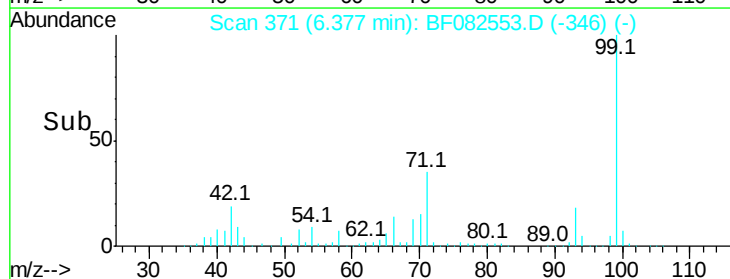
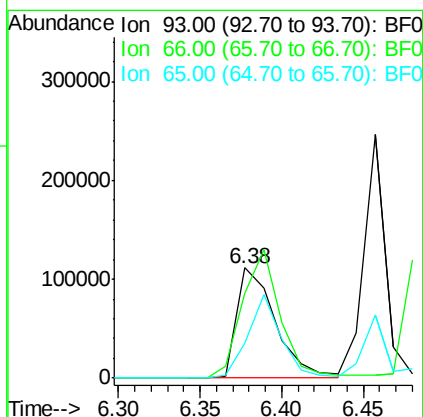
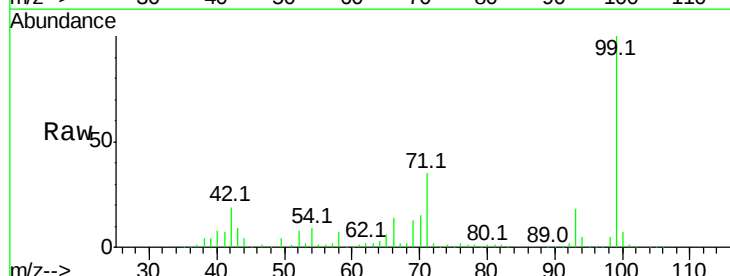
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

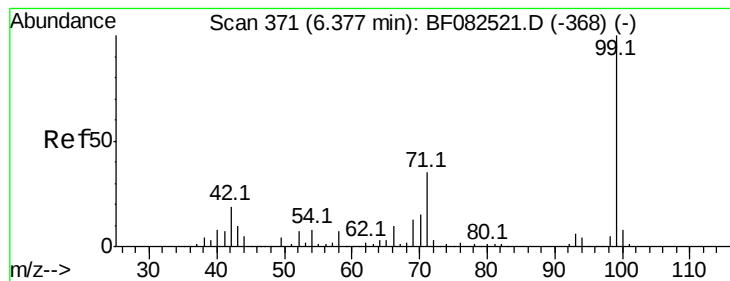
Tot Ion:112 Resp: 658493
 Ion Ratio Lower Upper
 112 100
 64 55.1 49.0 73.4
 63 28.7 25.8 38.6



#6
 Aniline
 Concen: 27.44 ng
 RT: 6.38 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion: 93 Resp: 183402
 Ion Ratio Lower Upper
 93 100
 66 77.3 55.9 83.9
 65 31.8 31.8 47.6#





#7

Phenol-d6

Concen: 153.24 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

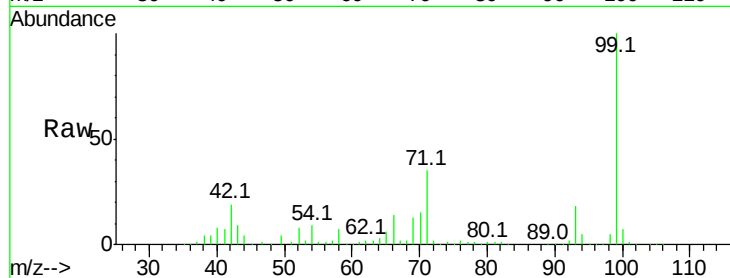
Tot Ion: 99 Resp: 812710

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

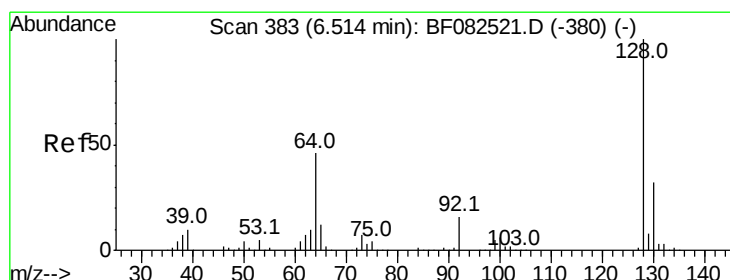
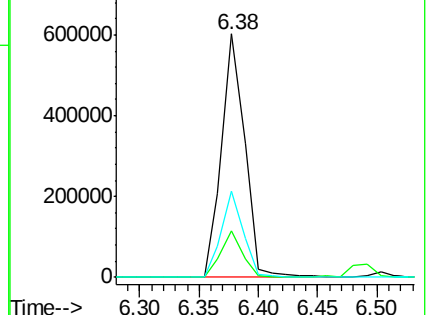
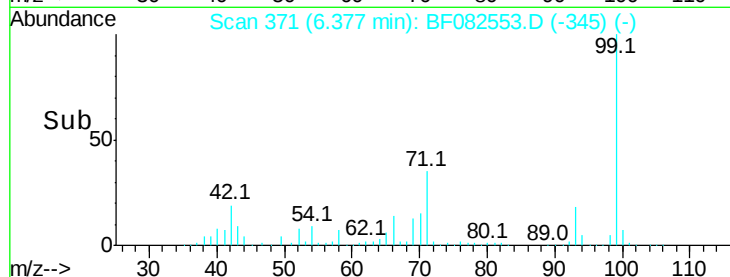
71 35.4 28.2 42.2



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: 51.35 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

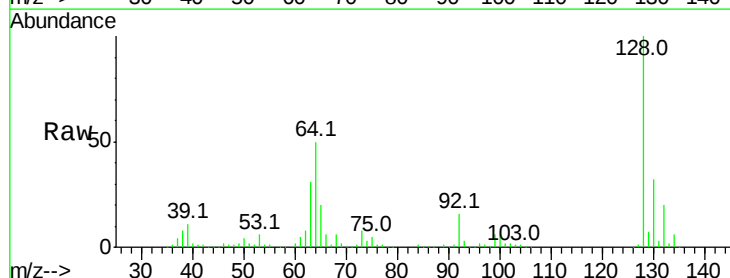
Tgt Ion:128 Resp: 245071

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

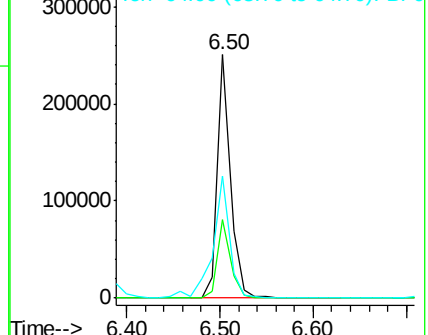
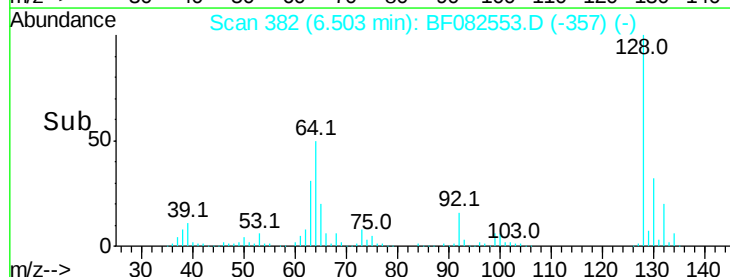
64 49.9 26.7 66.7

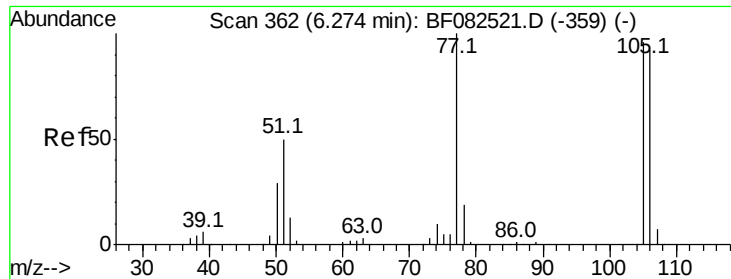


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

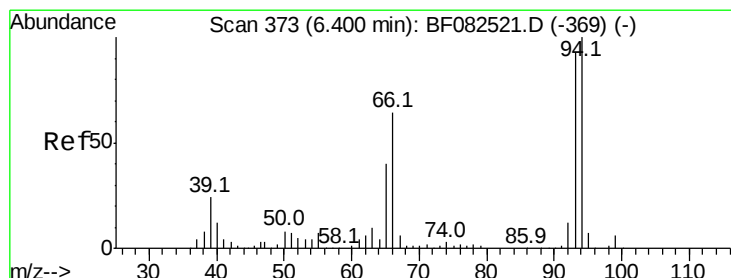
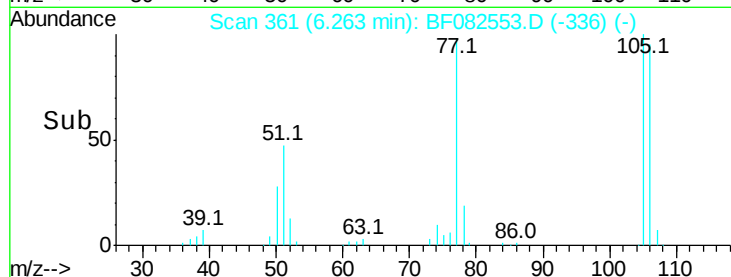
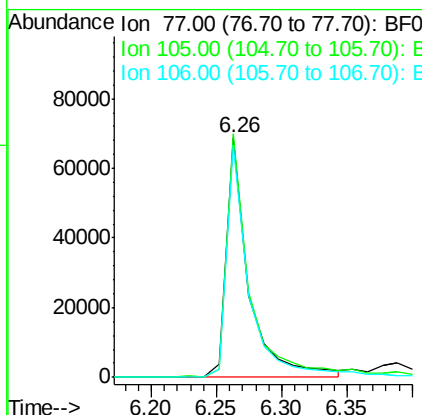
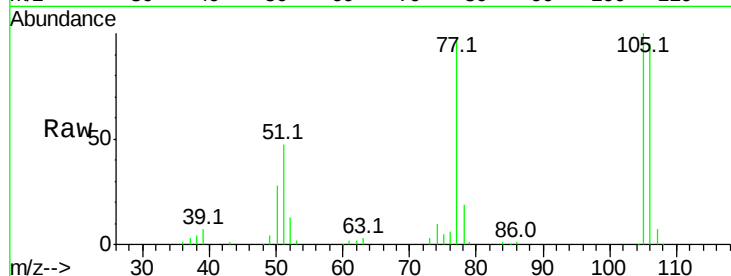




#9
Benzaldehyde
Concen: 29.77 ng
RT: 6.26 min Scan# 361
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

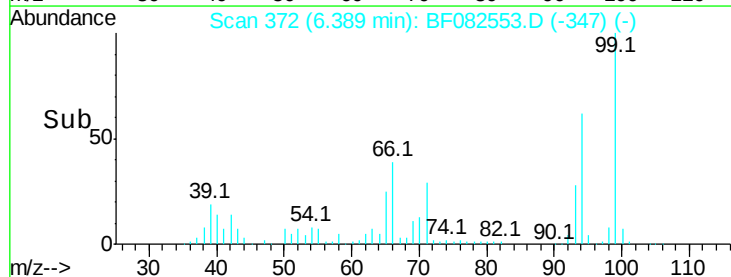
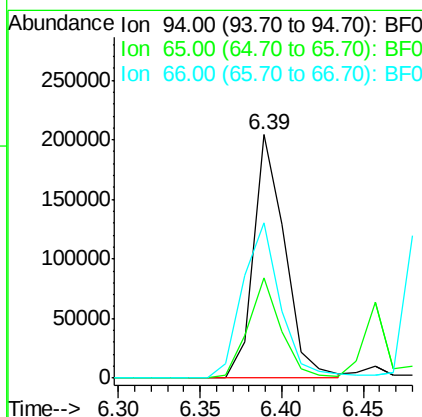
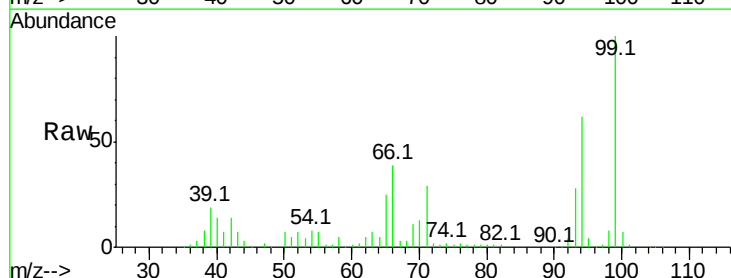
Instrument :
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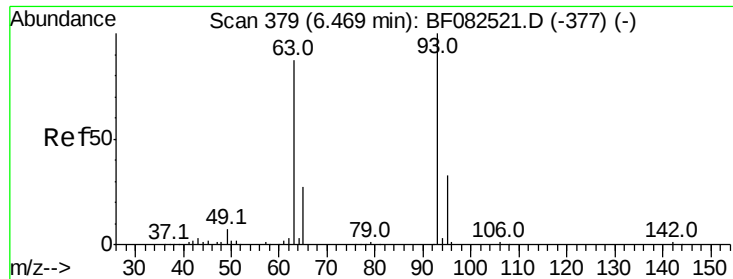
Tot Ion: 77 Resp: 83116
Ion Ratio Lower Upper
77 100
105 101.7 75.9 115.9
106 97.0 71.8 111.8



#10
Phenol
Concen: 45.30 ng
RT: 6.39 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion: 94 Resp: 272769
Ion Ratio Lower Upper
94 100
65 41.1 19.9 59.9
66 63.8 44.1 84.1





#11

bis(2-Chloroethyl)ether

Concen: 45.68 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

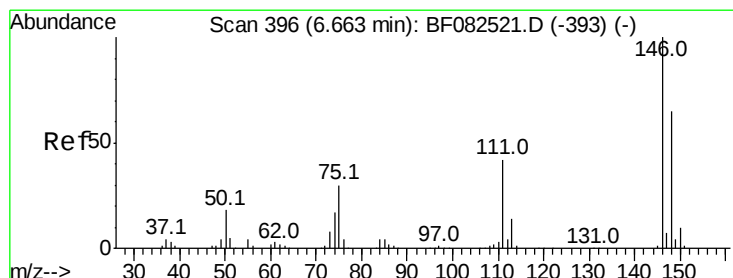
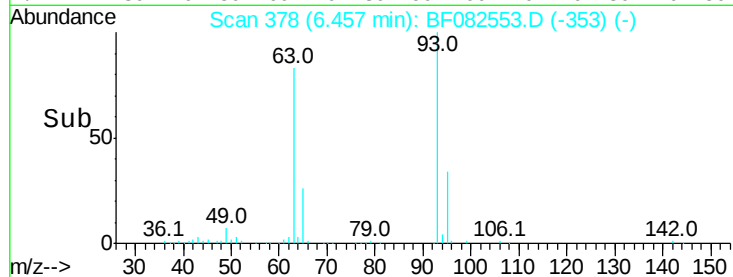
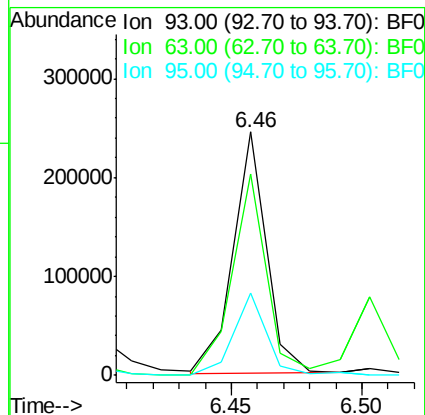
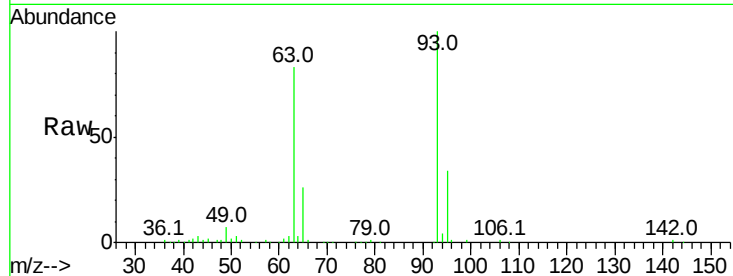
Tot Ion: 93 Resp: 218272

Ion Ratio Lower Upper

93 100

63 82.9 65.2 105.2

95 33.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 47.21 ng m

RT: 6.65 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

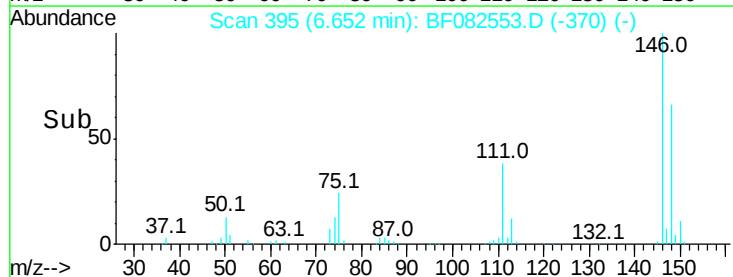
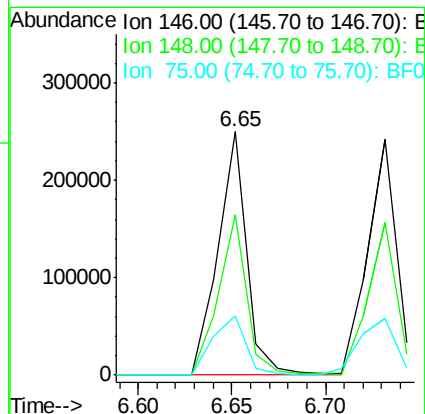
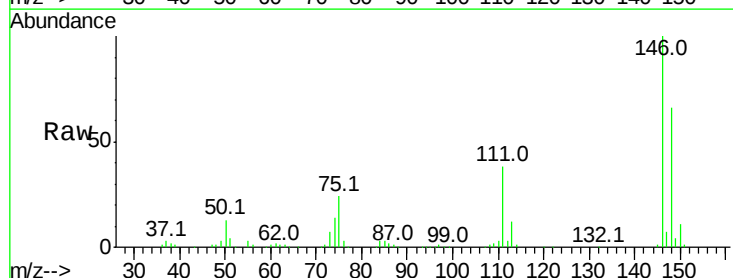
Tgt Ion:146 Resp: 268784

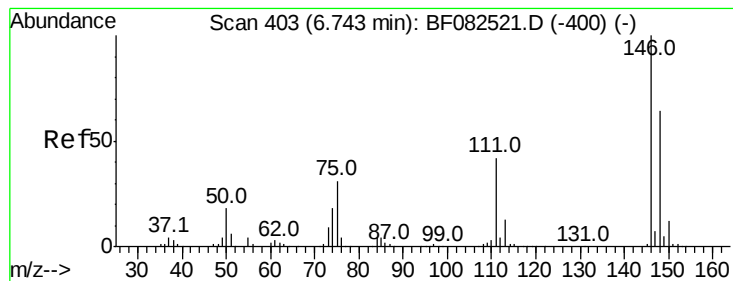
Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

75 24.3 24.3 36.5#





#13

1,4-Dichlorobenzene

Concen: 45.84 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

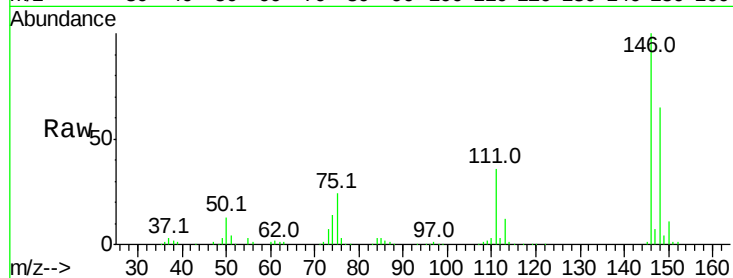
Tot Ion:146 Resp: 268529

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

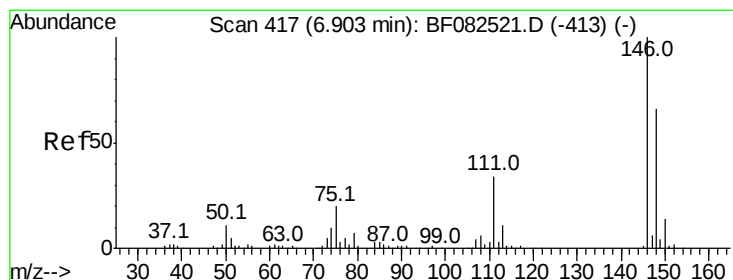
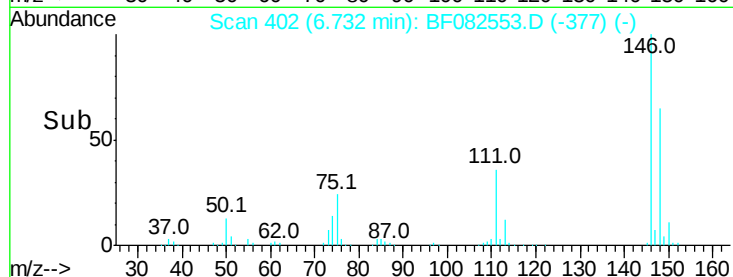
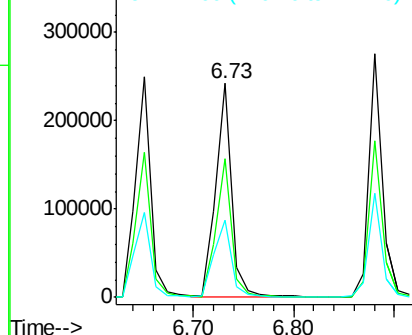
111 36.1 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.70 ng m

RT: 6.88 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

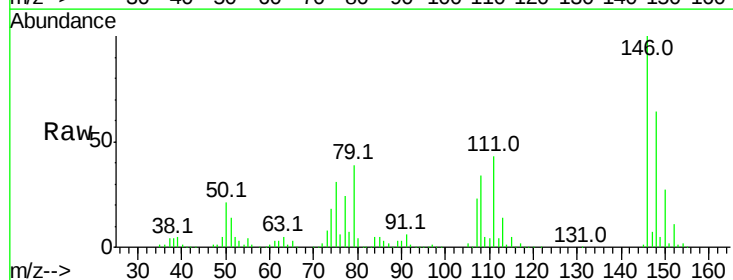
Tgt Ion:146 Resp: 259349

Ion Ratio Lower Upper

146 100

148 64.4 53.0 79.4

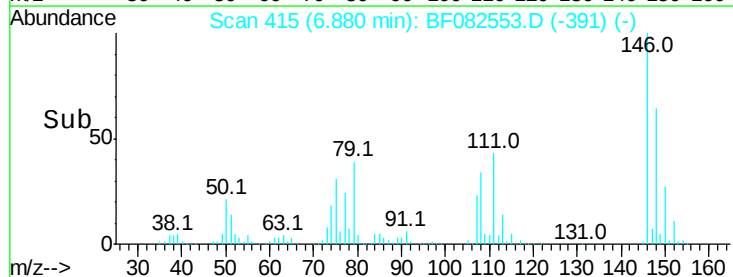
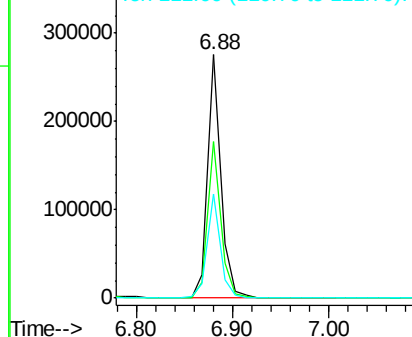
111 42.7 27.5 41.3#

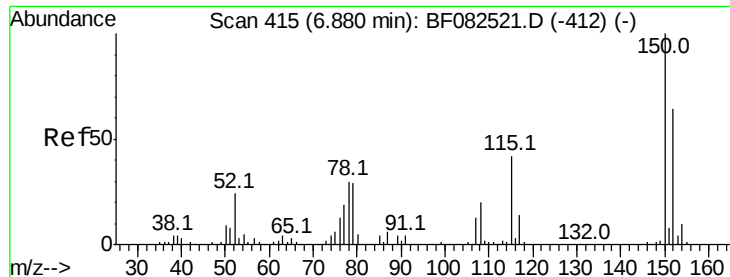


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

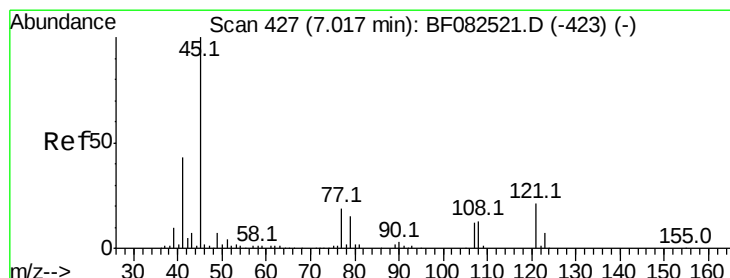
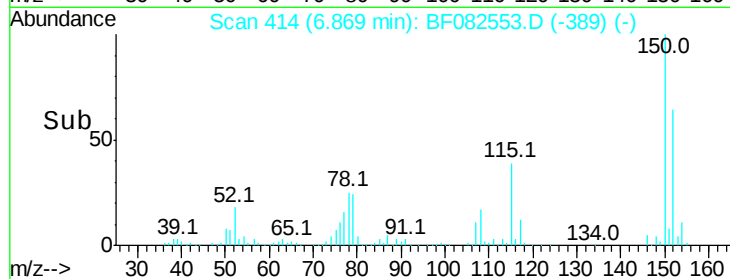
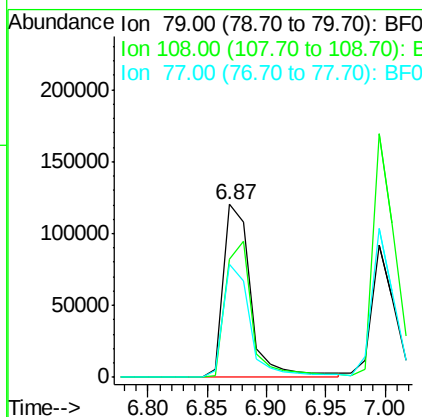
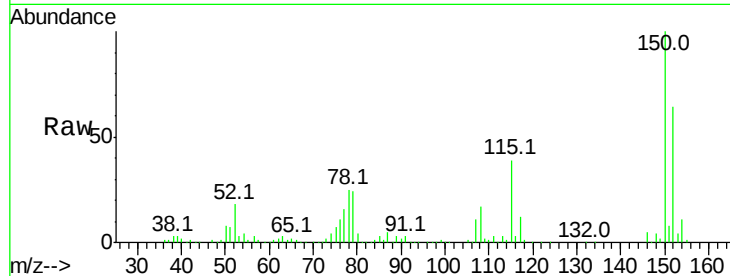




#15
Benzyl Alcohol
Concen: 52.31 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

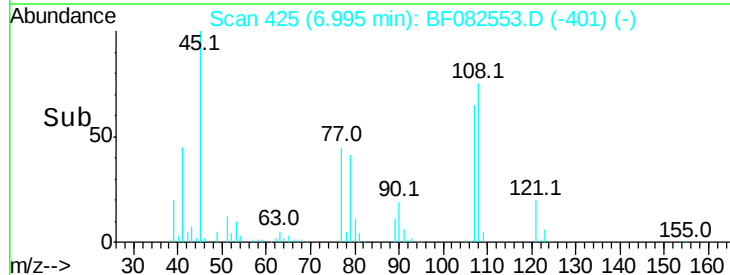
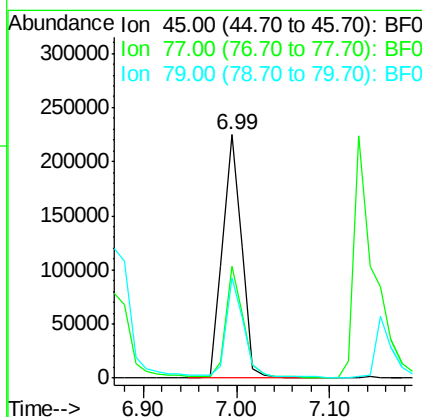
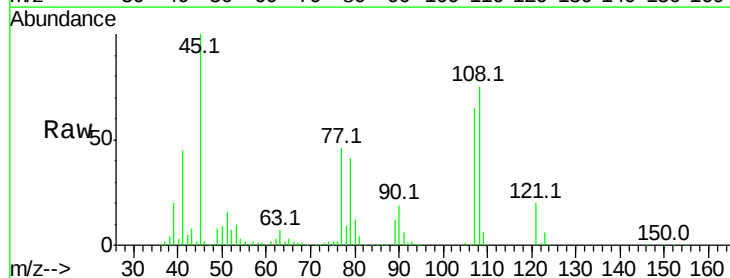
Instrument :
BNA_F
ClientSampleID :
SB-1MS

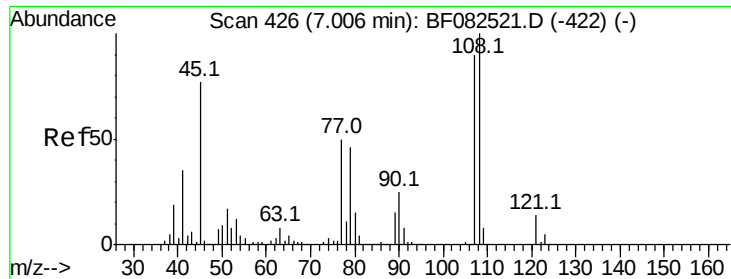
Tot Ion: 79 Resp: 193110
Ion Ratio Lower Upper
79 100
108 68.3 55.0 82.6
77 65.1 52.5 78.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.31 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion: 45 Resp: 319036
Ion Ratio Lower Upper
45 100
77 45.9 0.0 39.3#
79 41.0 0.0 35.7#





#17

2-Methylphenol

Concen: 50.62 ng

RT: 6.99 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tot Ion:107 Resp: 193769

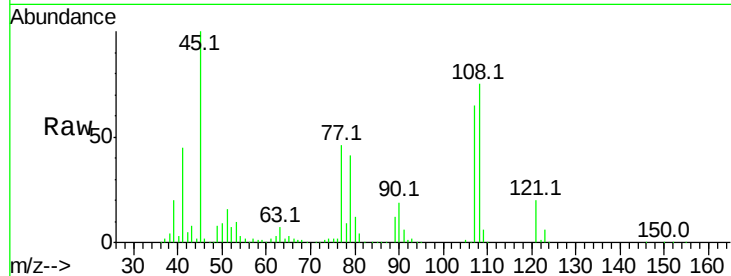
Ion Ratio Lower Upper

107 100

108 115.3 89.4 134.2

77 70.3 44.8 67.2#

79 62.8 42.1 63.1

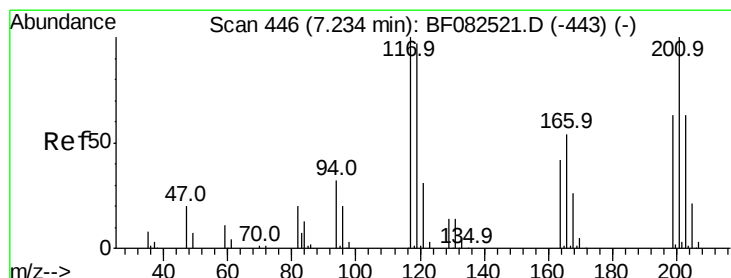
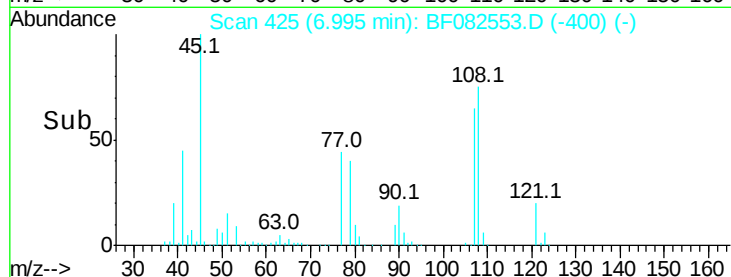
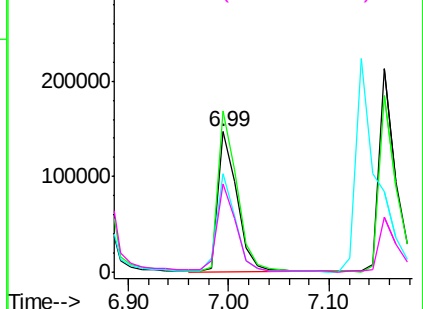


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.57 ng

RT: 7.21 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

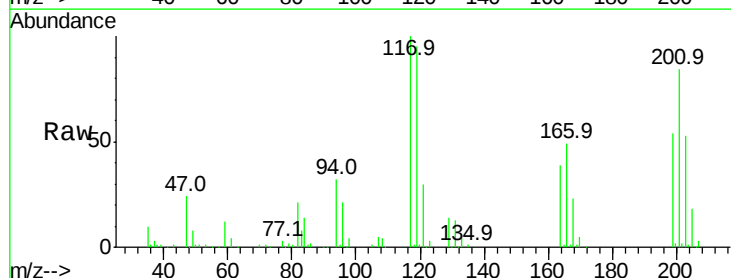
Tgt Ion:117 Resp: 92854

Ion Ratio Lower Upper

117 100

119 95.3 77.5 116.3

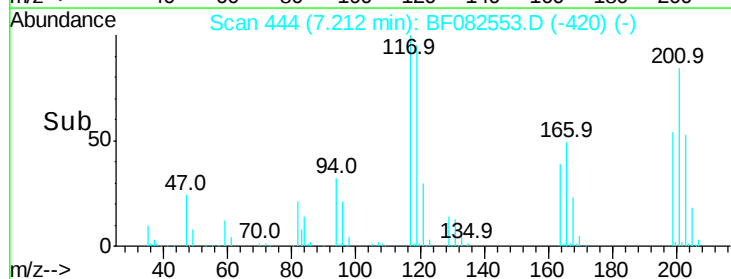
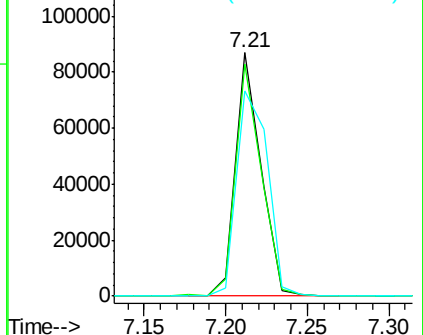
201 84.1 80.1 120.1

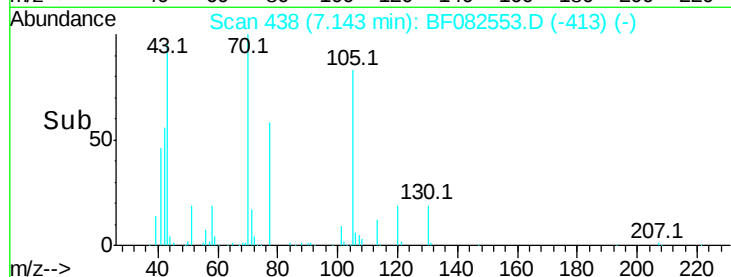
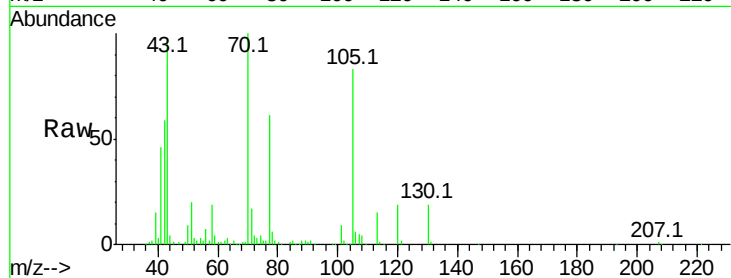
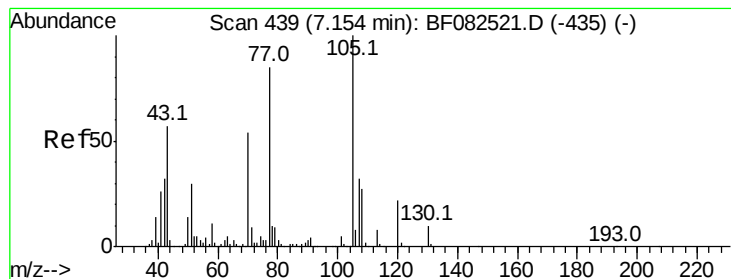


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 52.91 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tot Ion: 70 Resp: 182825

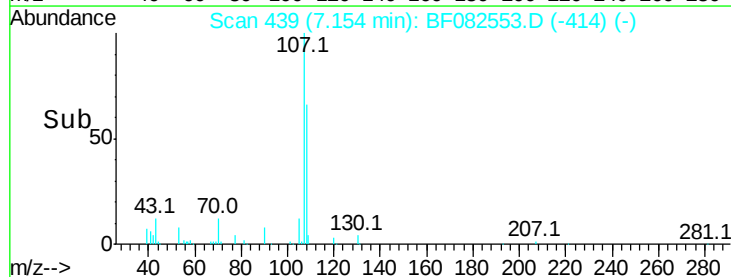
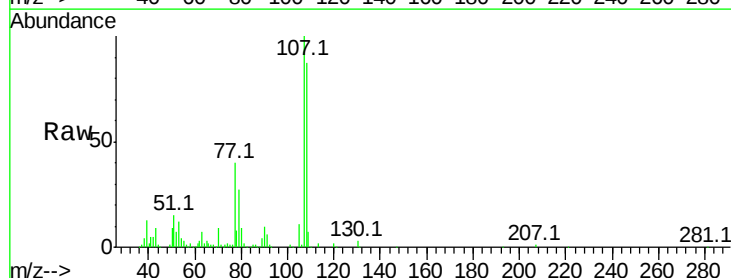
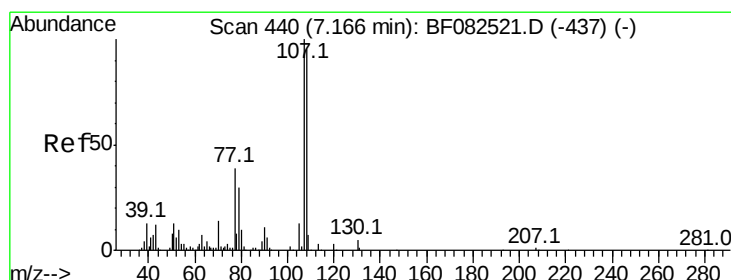
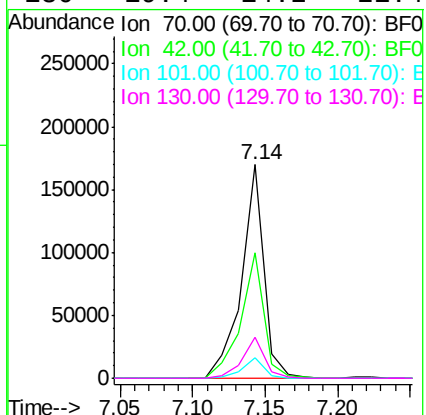
Ion Ratio Lower Upper

70 100

42 58.5 46.9 70.3

101 9.3 7.4 11.2

130 19.4 14.2 21.4



#20

3+4-Methylphenols

Concen: 51.85 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:107 Resp: 253575

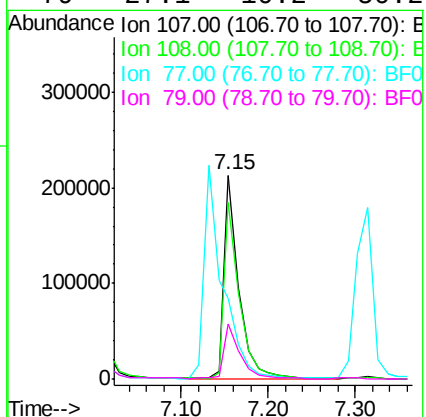
Ion Ratio Lower Upper

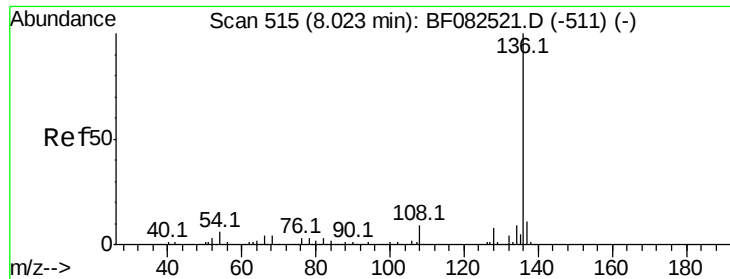
107 100

108 87.0 74.8 114.8

77 39.7 20.3 60.3

79 27.1 10.2 50.2

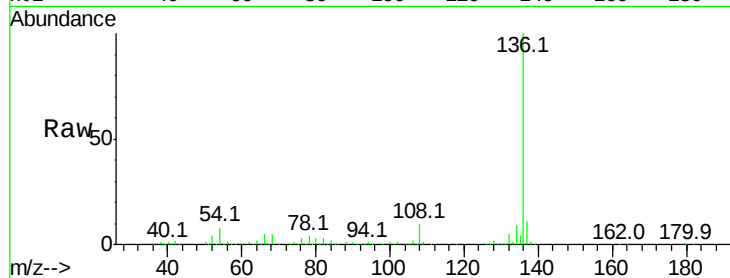




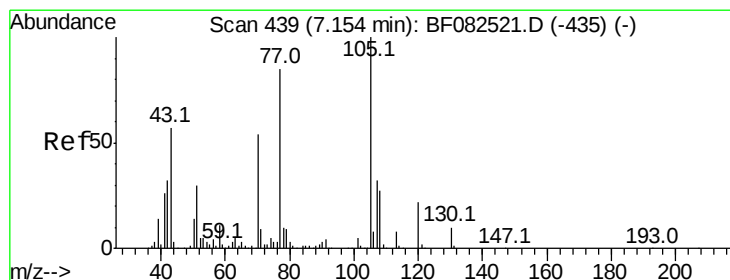
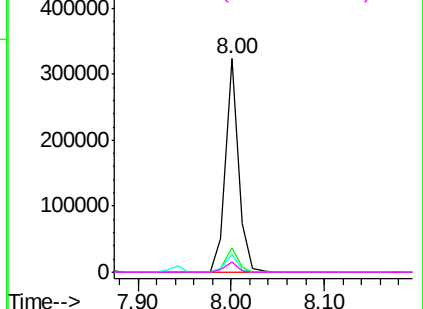
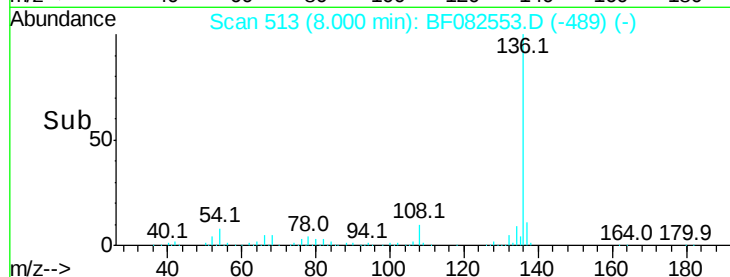
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion:136	Resp:	314883
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.6 13.0
54	8.4	4.6 7.0#
68	5.0	3.2 4.8#

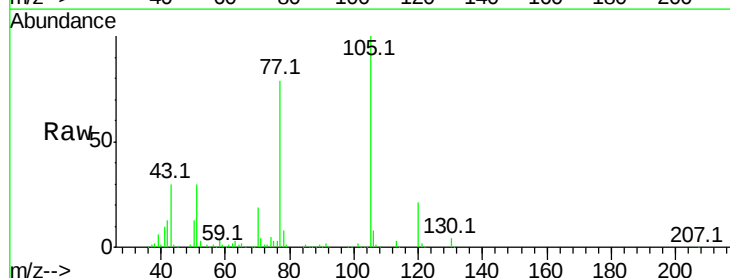


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

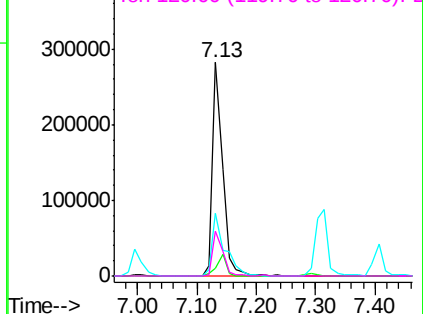
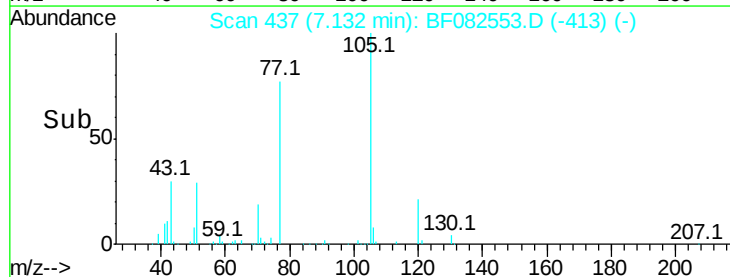


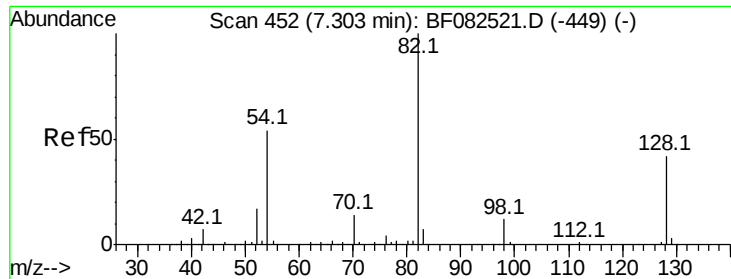
#22
Acetophenone
Concen: 48.63 ng
RT: 7.13 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:105	Resp:	332240
Ion Ratio	Lower	Upper
105	100	
71	3.5	7.1 10.7#
51	29.5	24.4 36.6
120	21.1	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

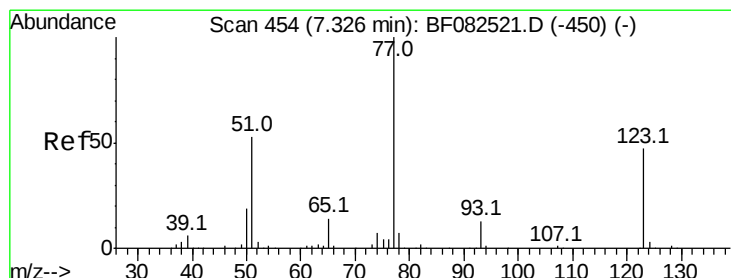
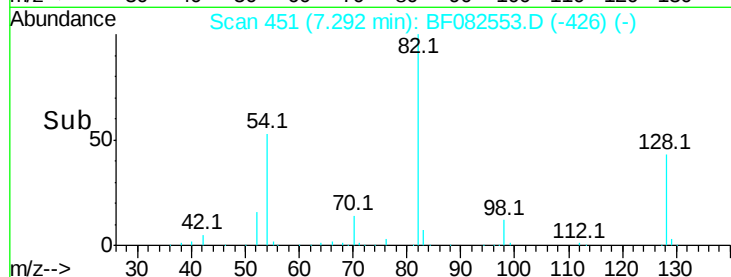
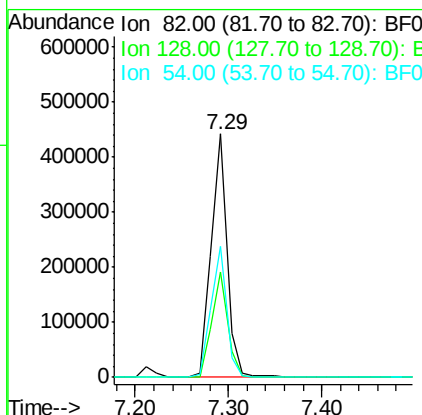
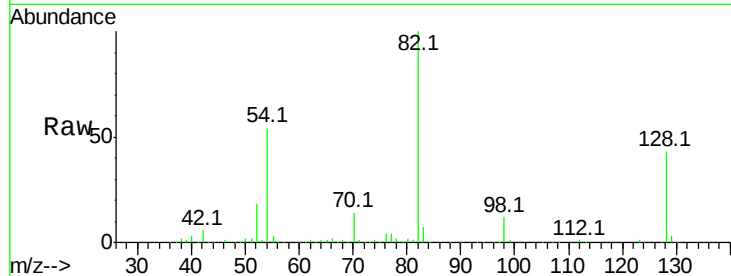




#23
 Nitrobenzene-d5
 Concen: 108.52 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

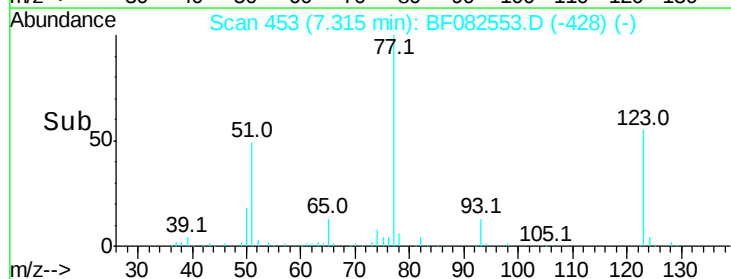
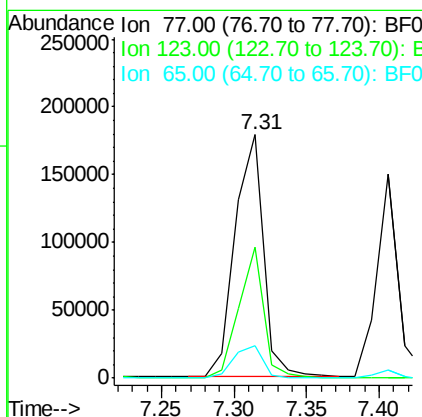
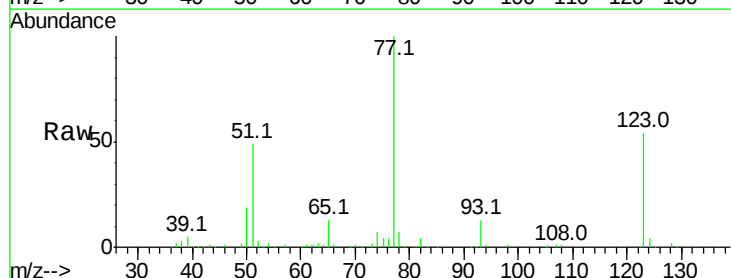
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

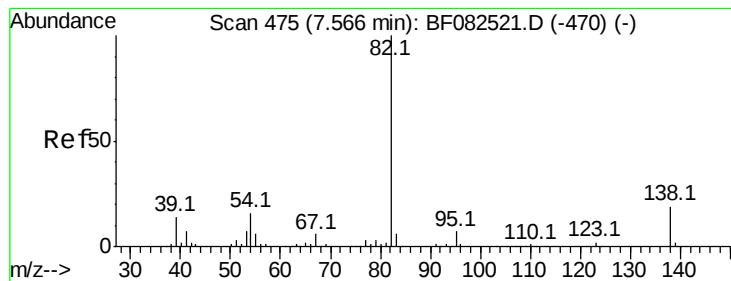
Tot Ion	82	Resp	529677
Ion Ratio	100	Lower	Upper
128	43.3	33.4	50.0
54	53.6	43.5	65.3



#24
 Nitrobenzene
 Concen: 44.79 ng
 RT: 7.31 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion	77	Resp	244104
Ion Ratio	100	Lower	Upper
123	53.8	37.4	56.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 47.57 ng

RT: 7.54 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

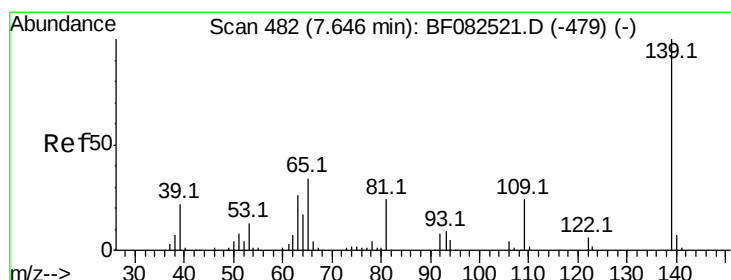
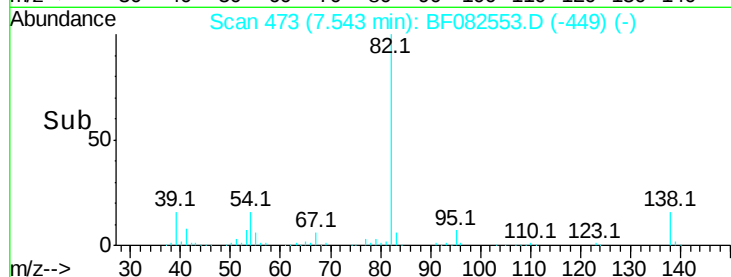
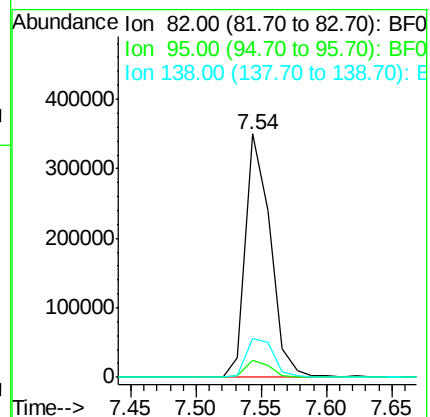
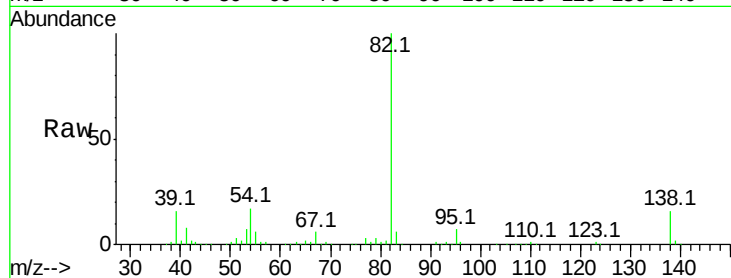
Tot Ion: 82 Resp: 461308

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 16.0 15.0 22.4



#26

2-Nitrophenol

Concen: 50.24 ng

RT: 7.62 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

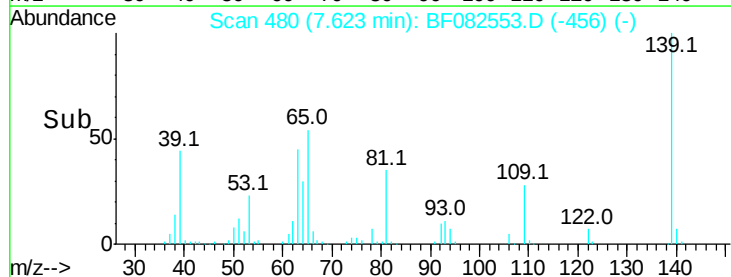
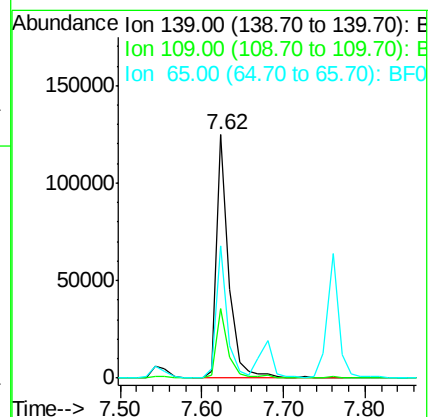
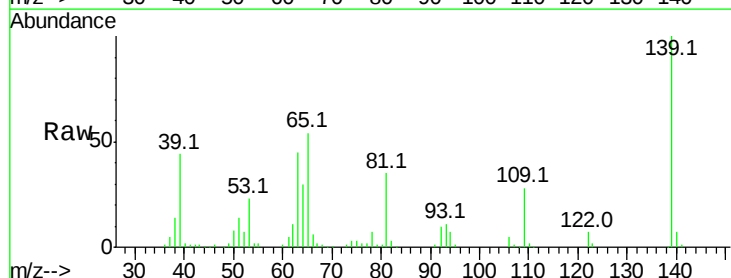
Tgt Ion: 139 Resp: 132267

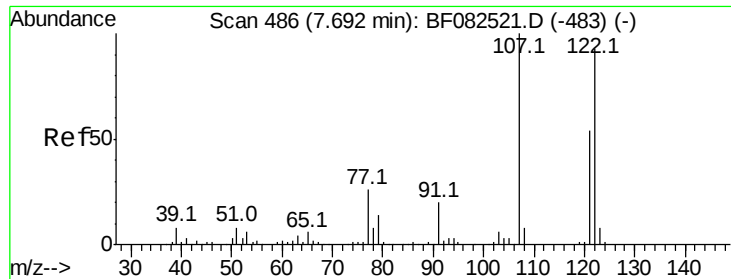
Ion Ratio Lower Upper

139 100

109 28.3 19.3 28.9

65 54.1 27.1 40.7#

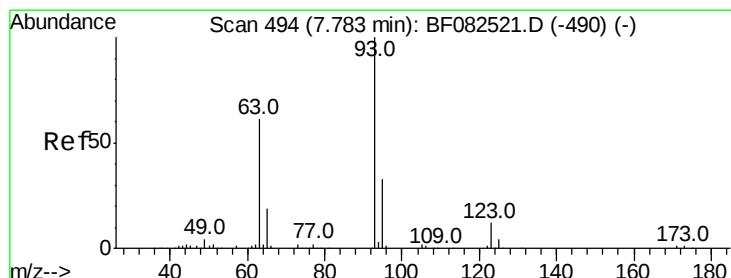
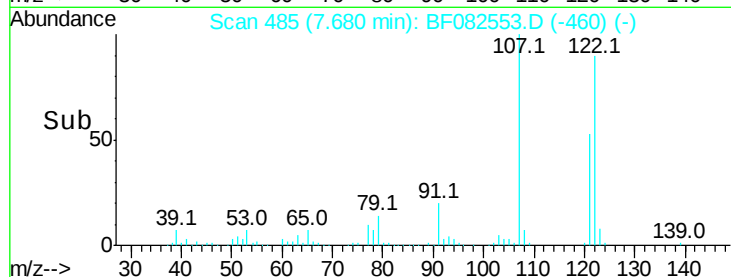
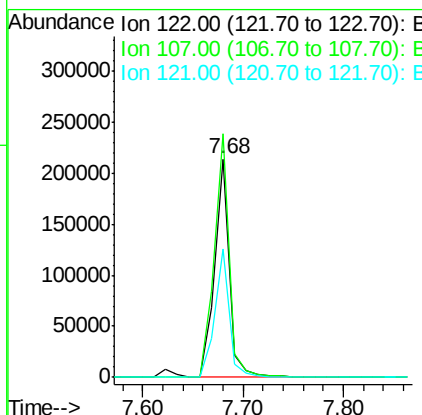
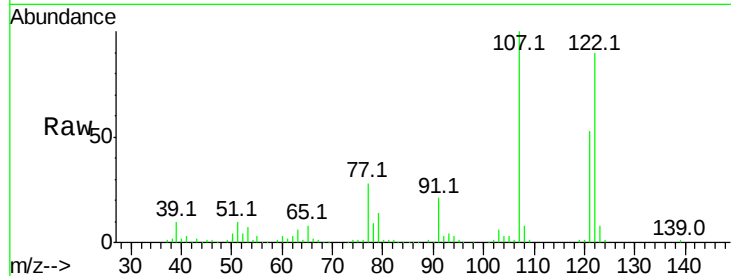




#27
2,4-Dimethylphenol
Concen: 50.72 ng
RT: 7.68 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

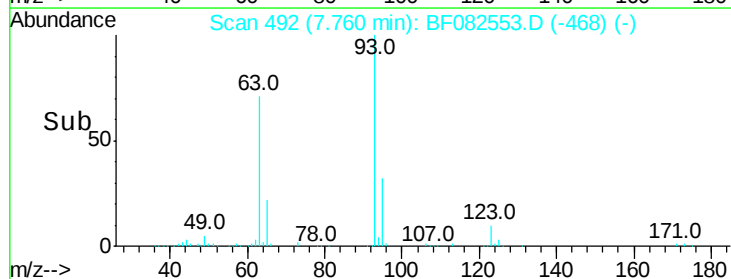
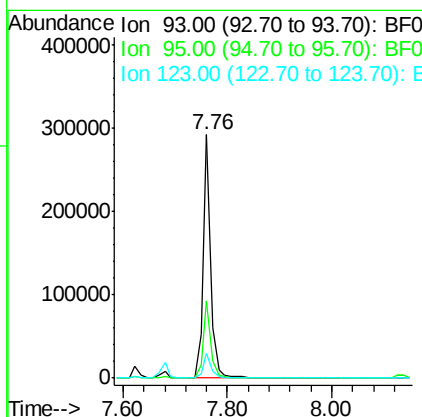
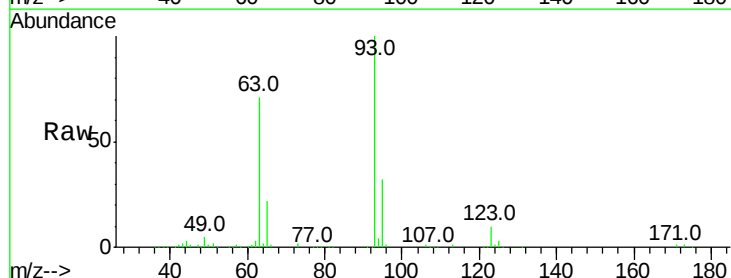
Instrument :
BNA_F
ClientSampleId :
SB-1MS

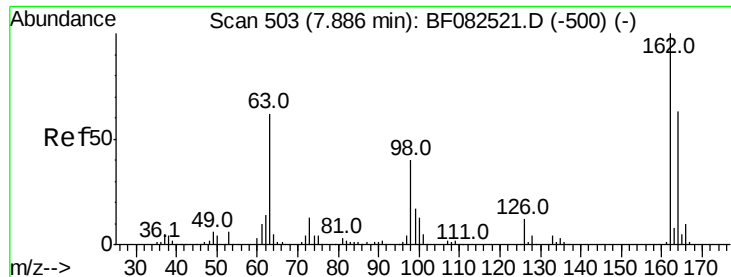
Tot Ion:122 Resp: 217016
Ion Ratio Lower Upper
122 100
107 111.4 85.8 128.8
121 58.5 46.2 69.2



#28
bis(2-Chloroethoxy)methane
Concen: 52.35 ng
RT: 7.76 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion: 93 Resp: 297672
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.2
123 10.0 9.3 13.9

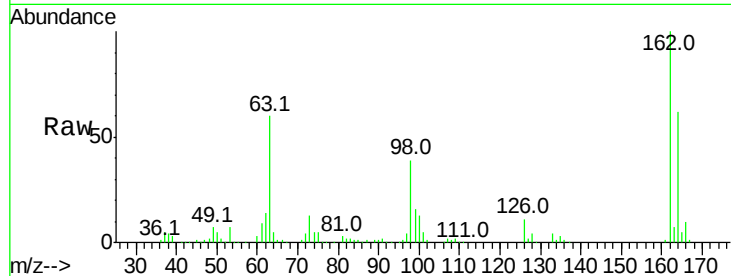




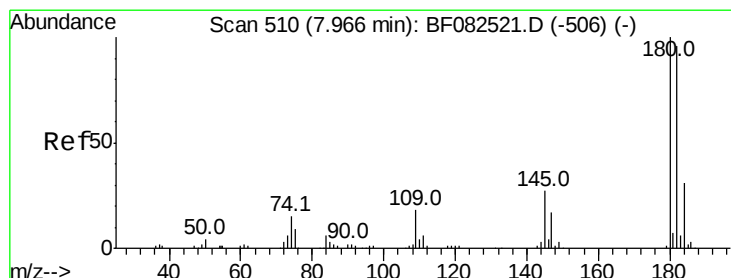
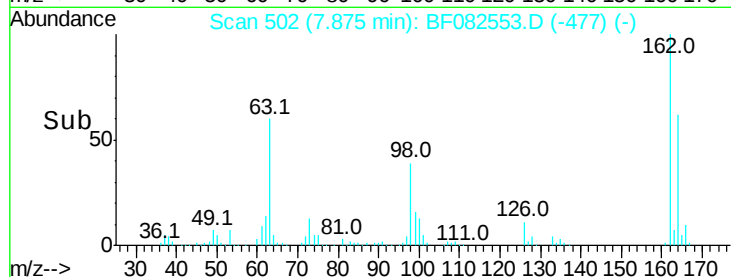
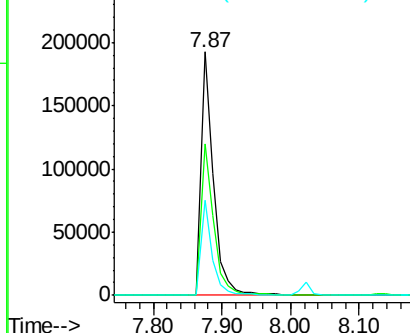
#29
 2,4-Dichlorophenol
 Concen: 55.14 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.1	83.1
98	38.9	19.6	59.6

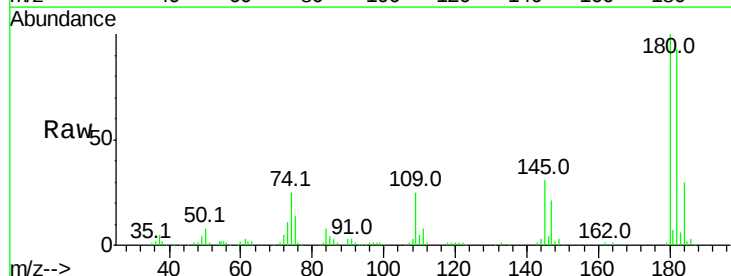


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

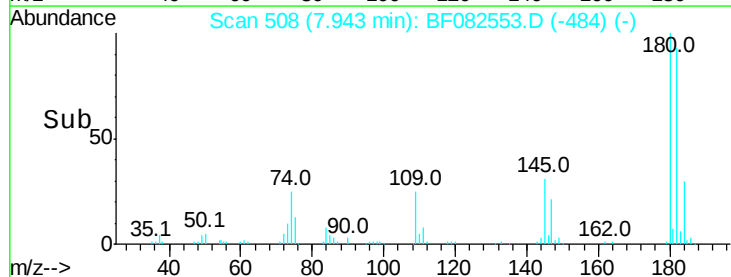
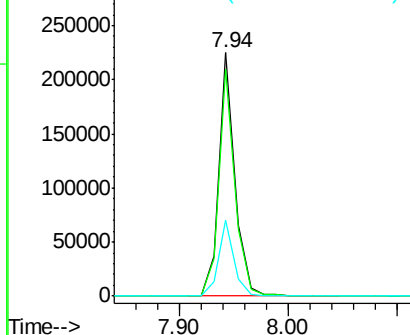


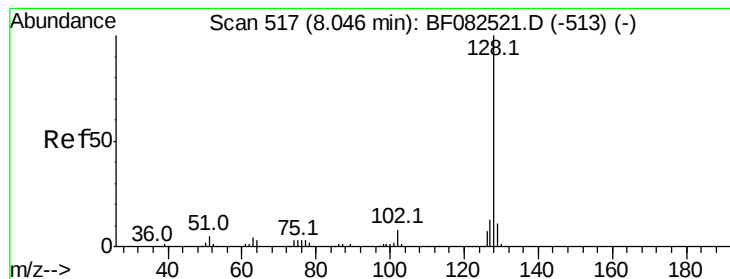
#30
 1,2,4-Trichlorobenzene
 Concen: 48.11 ng
 RT: 7.94 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.6	115.0
145	31.1	21.3	31.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.00 ng

RT: 8.02 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

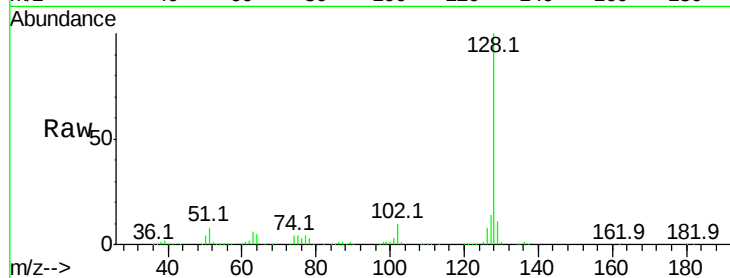
Tot Ion:128 Resp: 705130

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

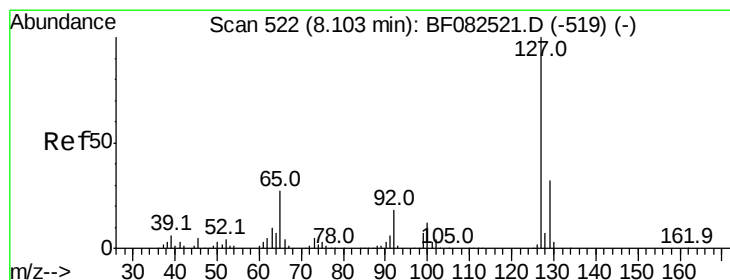
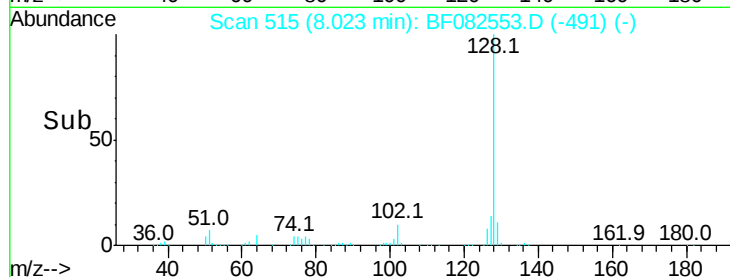
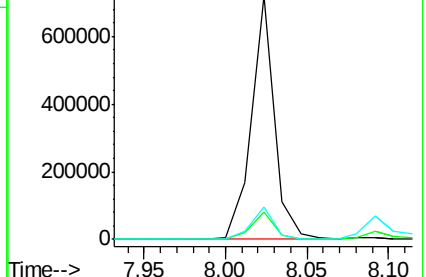
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 18.96 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:127 Resp: 105773

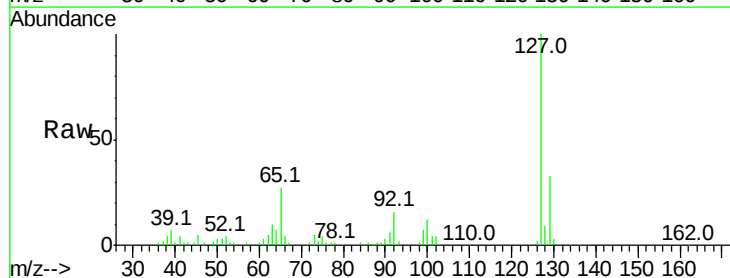
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.8

65 27.3 21.8 32.6

92 16.4 14.6 22.0

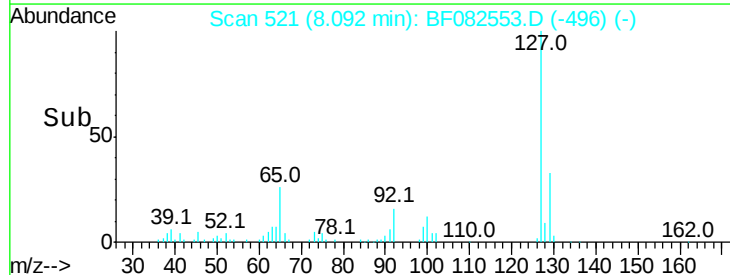
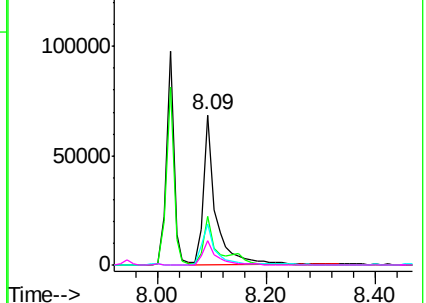


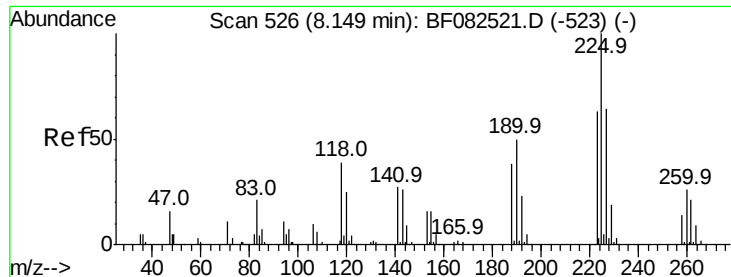
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 48.78 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

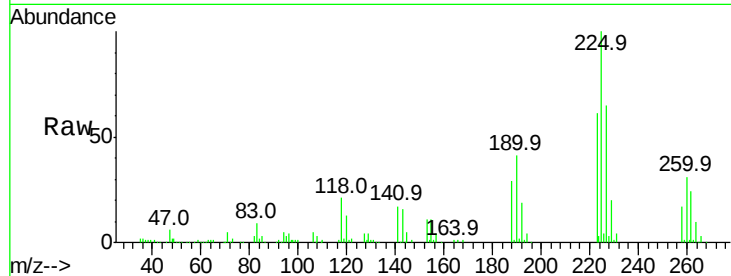
Tot Ion:225 Resp: 136170

Ion Ratio Lower Upper

225 100

223 60.7 50.2 75.4

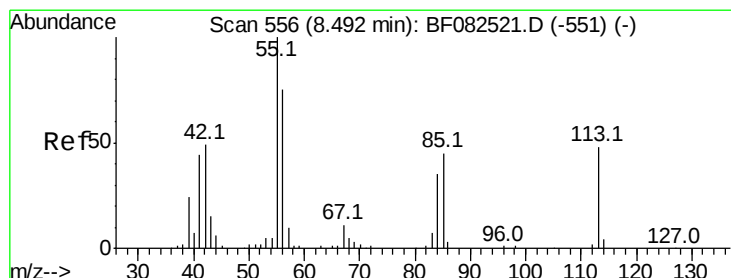
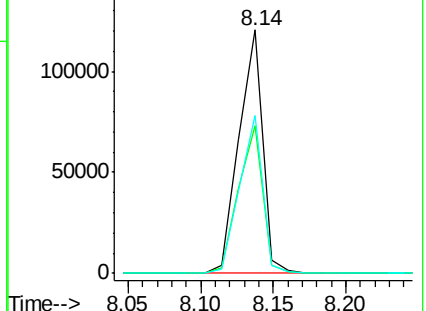
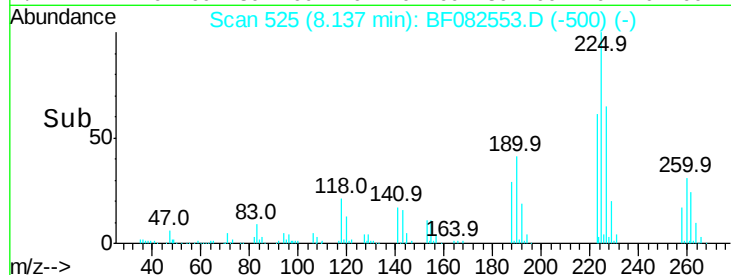
227 64.7 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 47.28 ng m

RT: 8.47 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

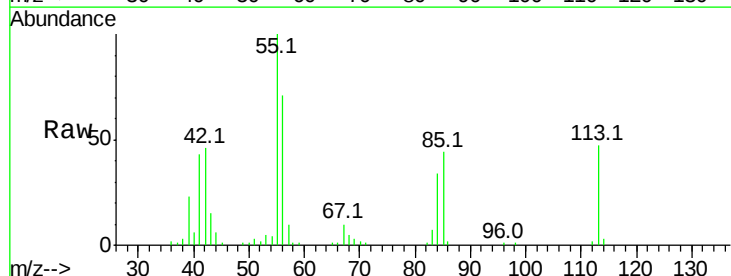
Tgt Ion:113 Resp: 56088

Ion Ratio Lower Upper

113 100

55 211.7 188.9 228.9

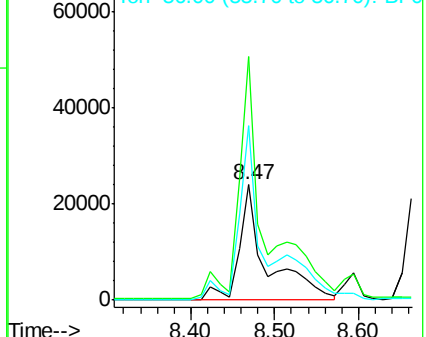
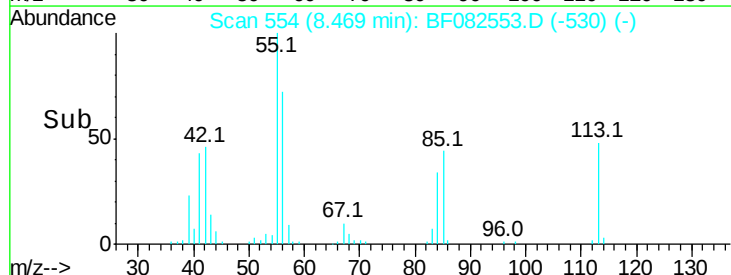
56 151.3 135.8 175.8

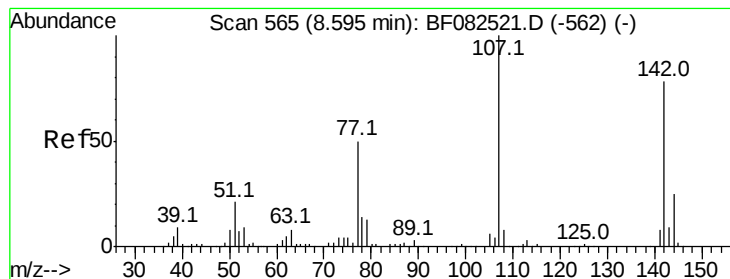


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 54.59 ng

RT: 8.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

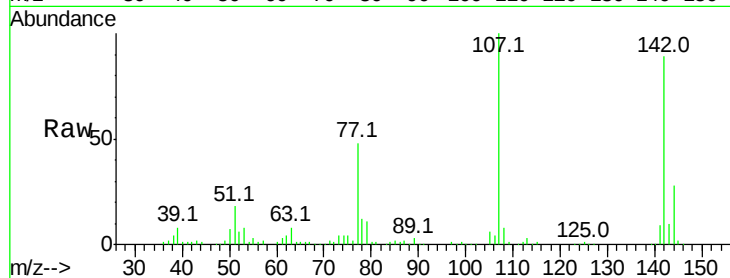
Tot Ion:107 Resp: 226552

Ion Ratio Lower Upper

107 100

144 28.2 20.2 30.2

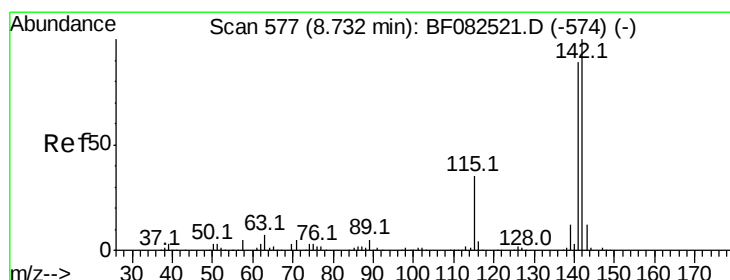
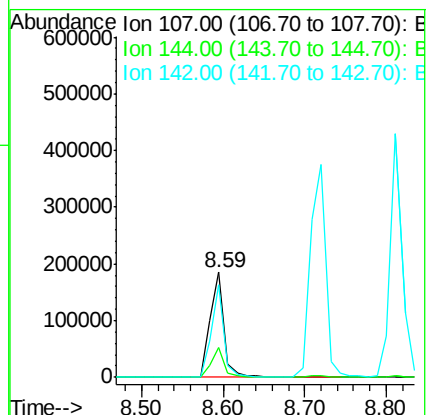
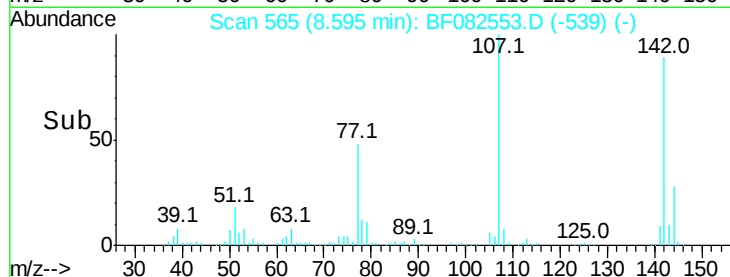
142 88.9 62.6 93.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 50.35 ng

RT: 8.72 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

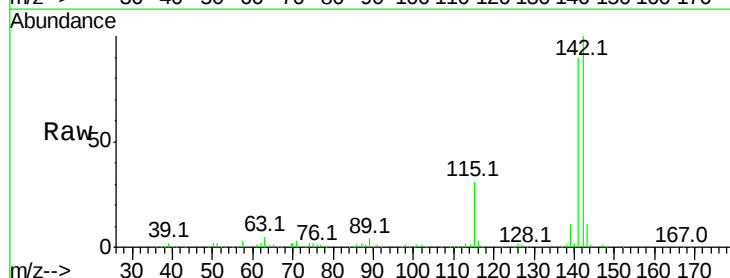
Tgt Ion:142 Resp: 489479

Ion Ratio Lower Upper

142 100

141 90.4 71.0 106.6

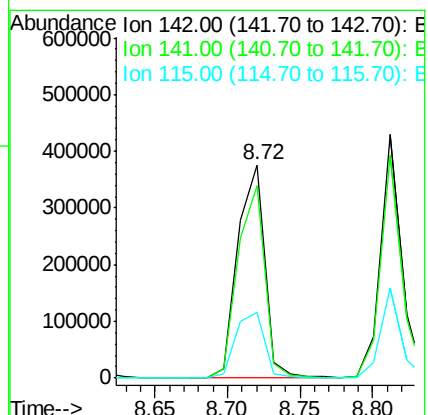
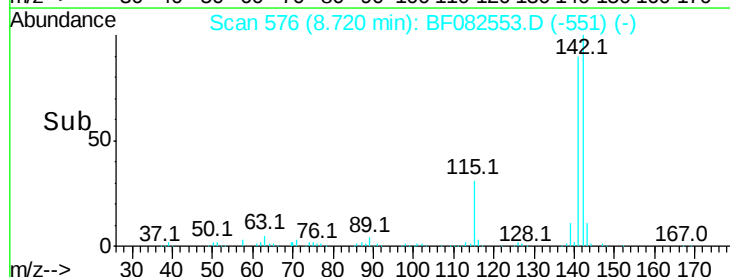
115 30.9 28.0 42.0

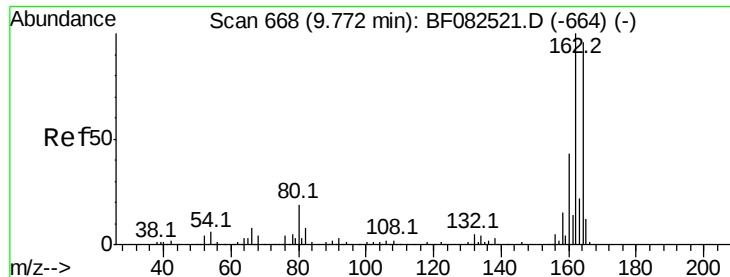


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

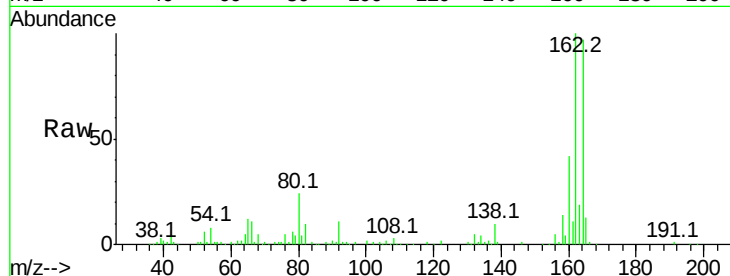
Tot Ion:164 Resp: 152329

Ion Ratio Lower Upper

164 100

162 102.7 83.6 125.4

160 43.2 36.0 54.0

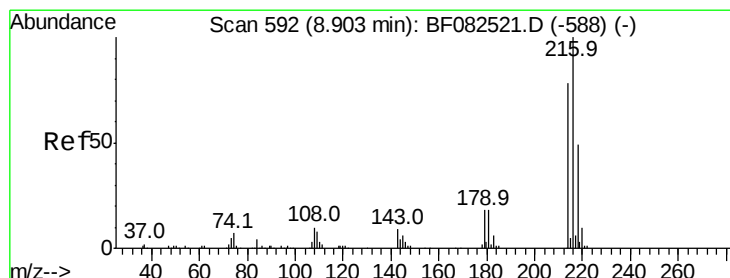
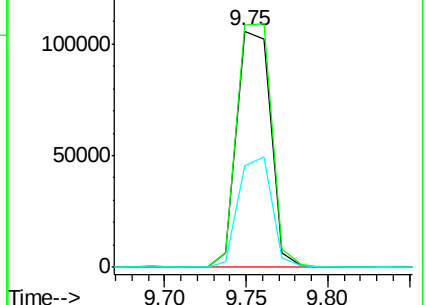
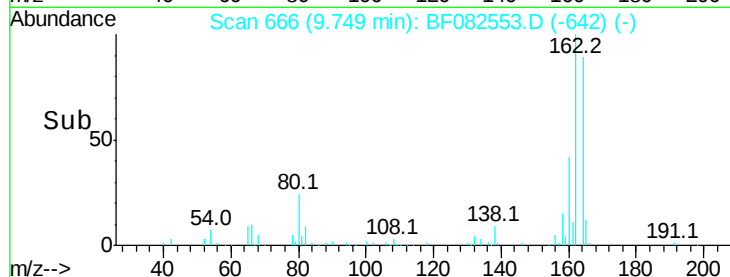


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.94 ng

RT: 8.88 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:216 Resp: 234220

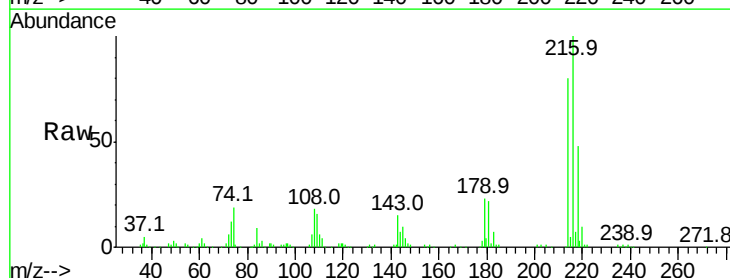
Ion Ratio Lower Upper

216 100

214 79.4 63.1 94.7

179 21.3 16.5 24.7

108 18.5 13.0 19.4



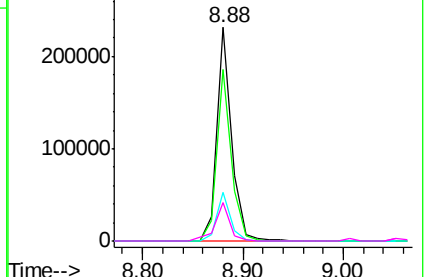
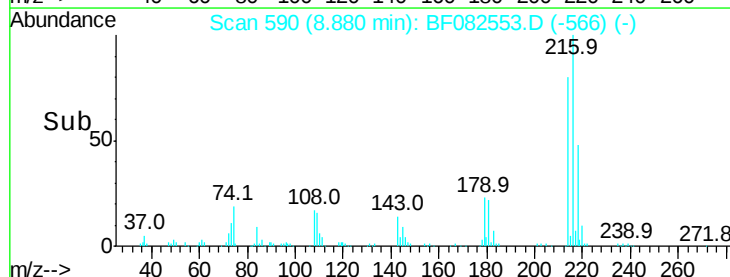
Abundance

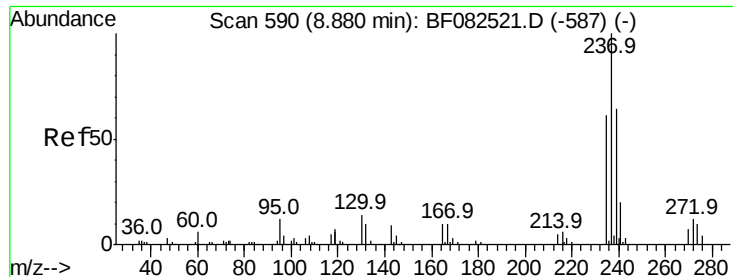
Ion 216.00 (215.70 to 216.70): E

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

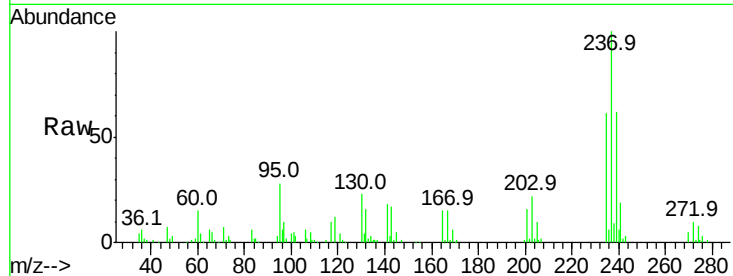




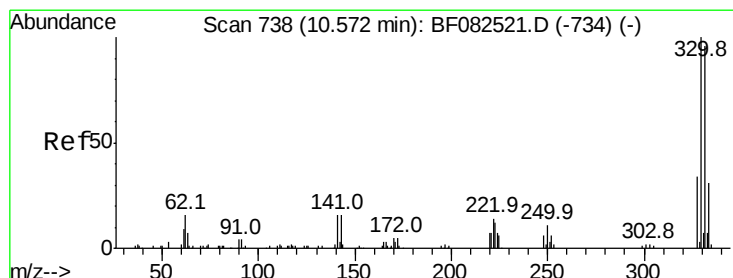
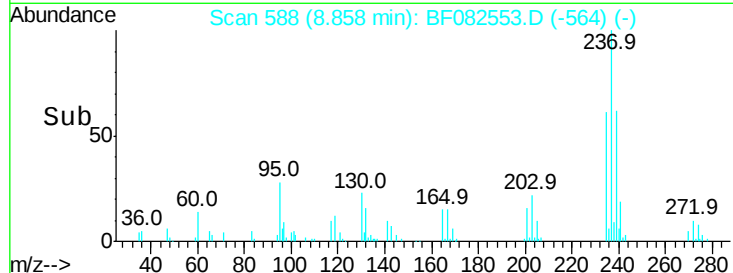
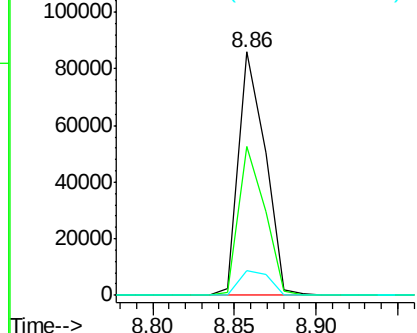
#40
Hexachlorocyclopentadiene
Concen: 73.21 ng
RT: 8.86 min Scan# 588
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion:237 Resp: 96880
Ion Ratio Lower Upper
237 100
235 61.3 41.4 81.4
272 9.9 0.0 31.7

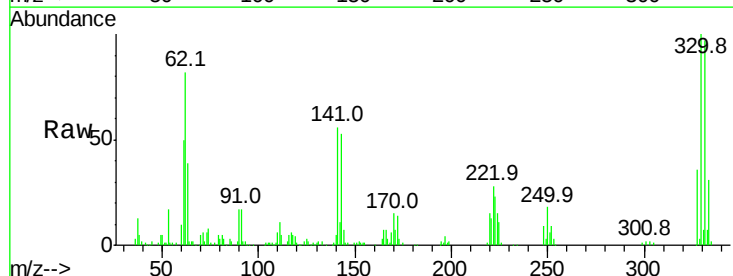


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

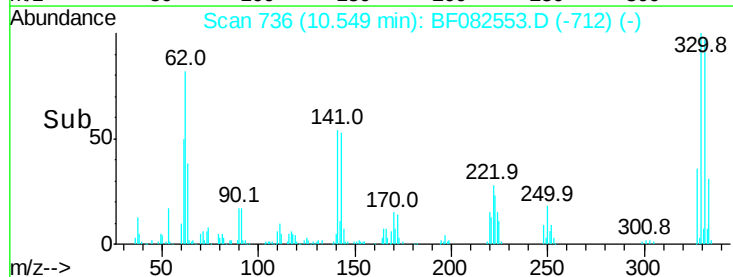
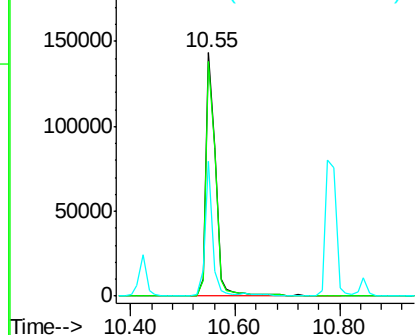


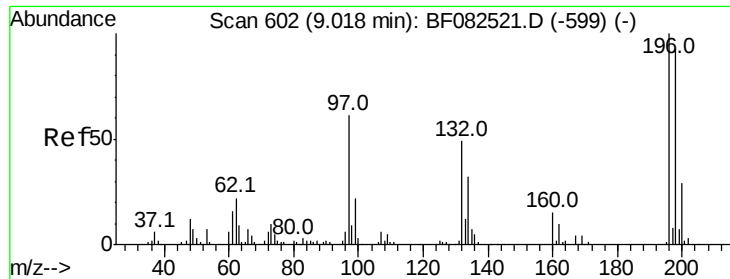
#41
2,4,6-Tribromophenol
Concen: 163.05 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:330 Resp: 185984
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 43.0 32.5 48.7



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: 50.07 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampled :

SB-1MS

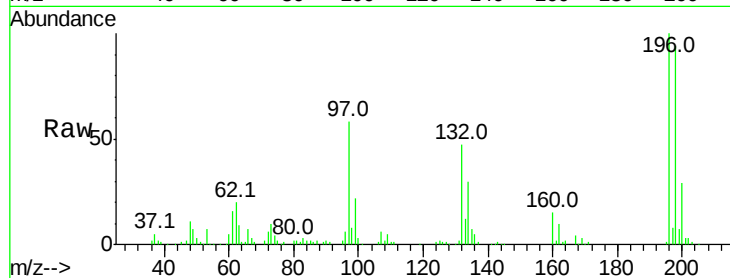
Tot Ion:196 Resp: 143518

Ion Ratio Lower Upper

196 100

198 94.5 74.1 111.1

200 29.3 23.4 35.0

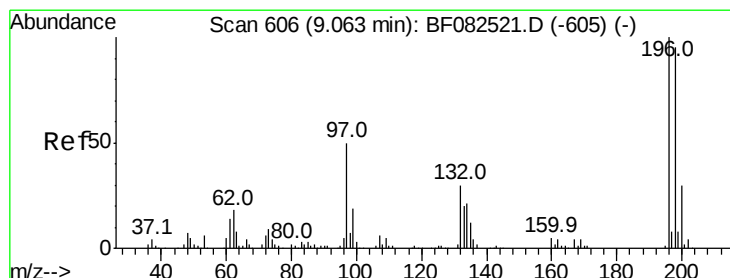
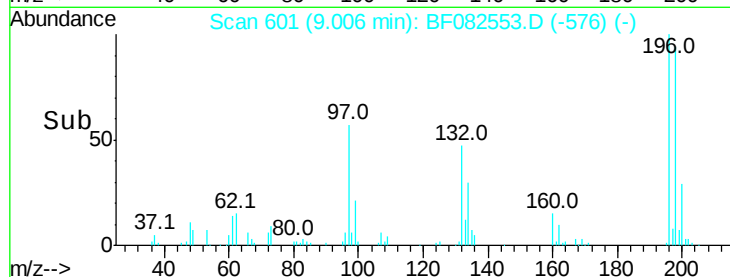
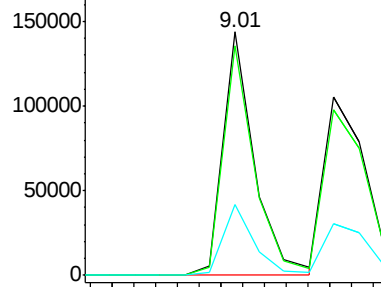


Abundance

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: 49.91 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:196 Resp: 150015

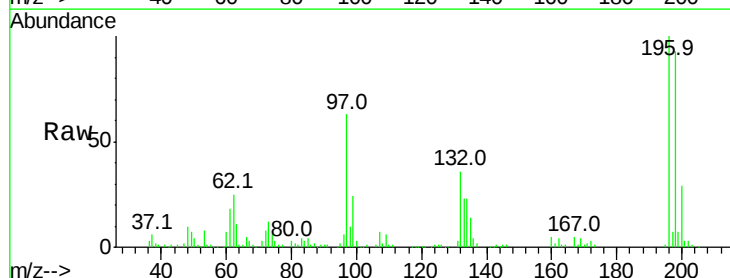
Ion Ratio Lower Upper

196 100

198 93.4 75.4 113.2

97 63.1 40.8 61.2#

132 35.6 24.6 37.0



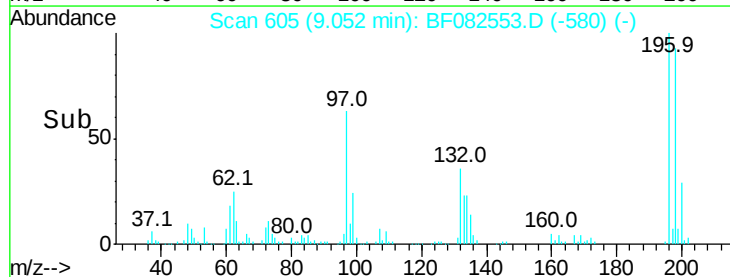
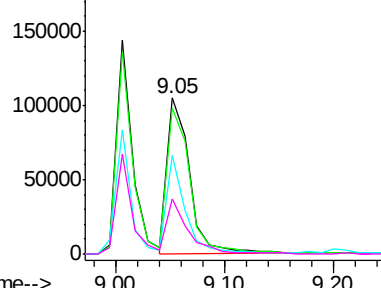
Abundance

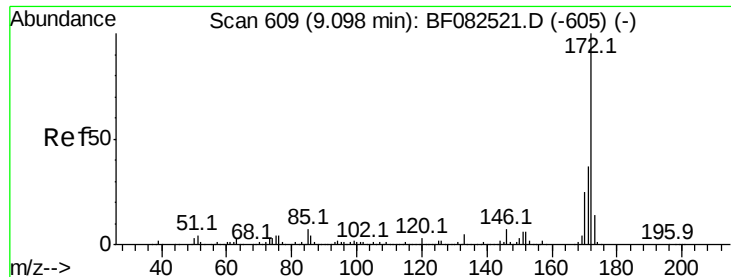
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 116.55 ng

RT: 9.09 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

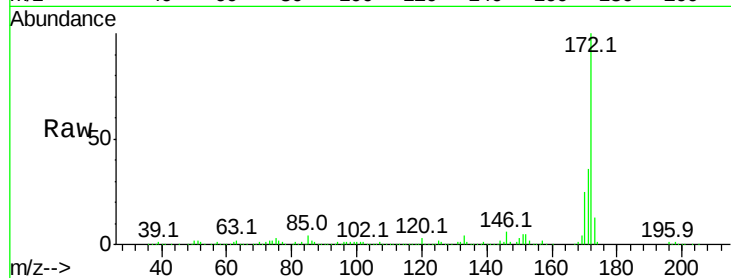
Tot Ion:172 Resp: 1116465

Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

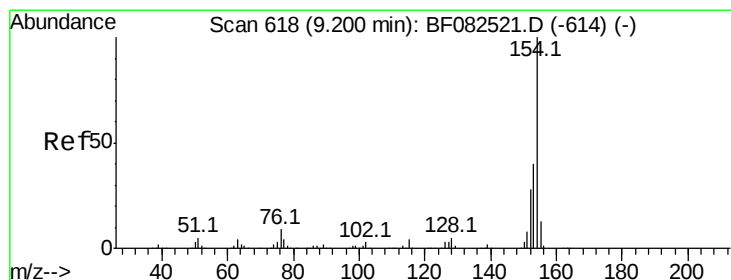
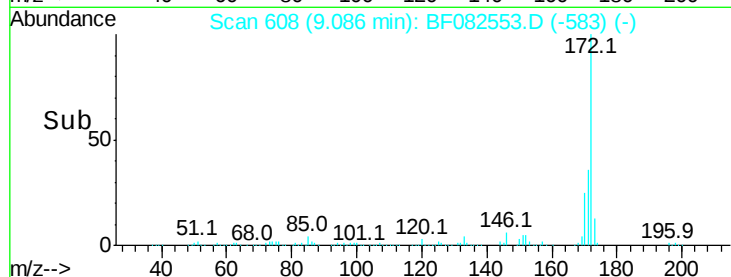
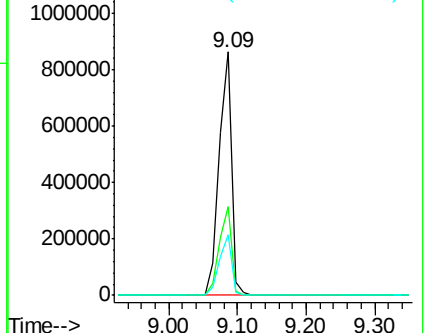
170 24.7 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 51.03 ng

RT: 9.18 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

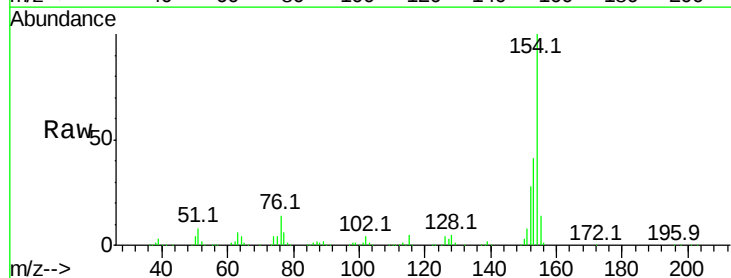
Tgt Ion:154 Resp: 578499

Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

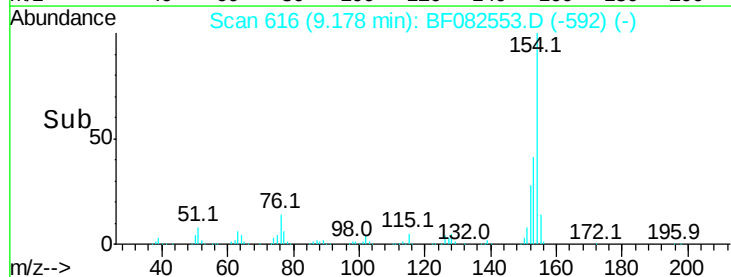
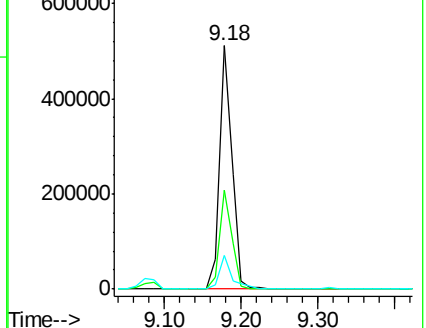
76 13.8 0.0 29.2

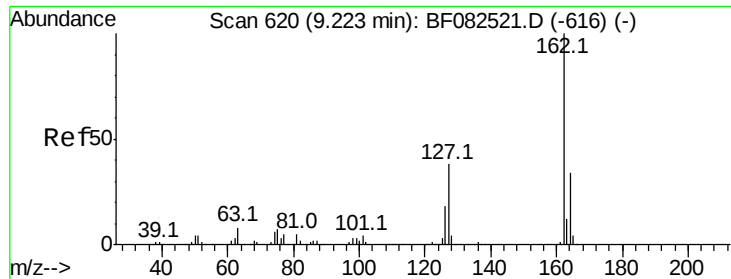


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

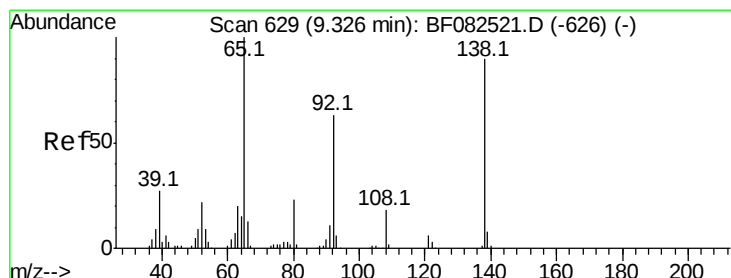
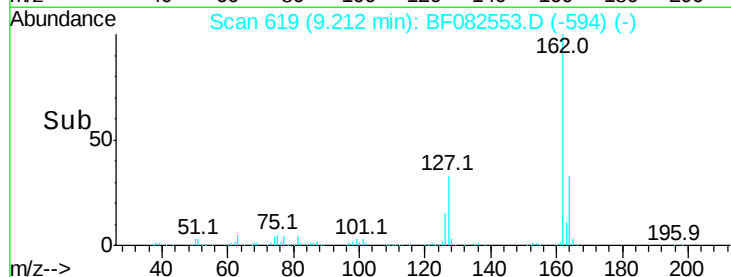
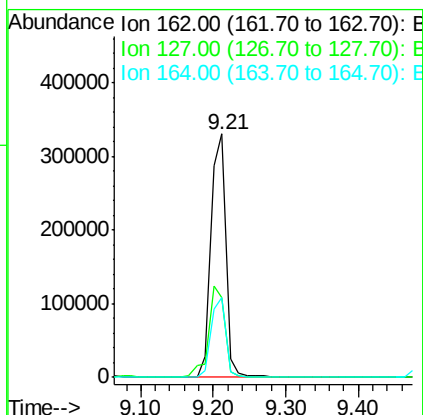
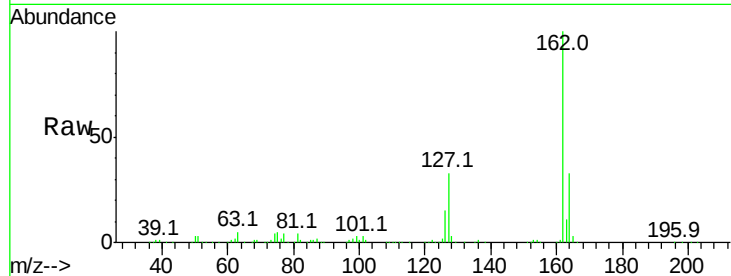




#46
2-Chloronaphthalene
Concen: 52.74 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

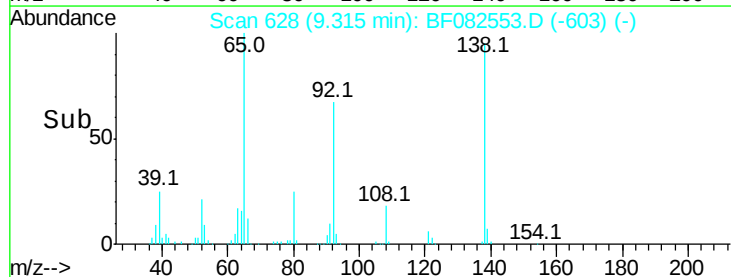
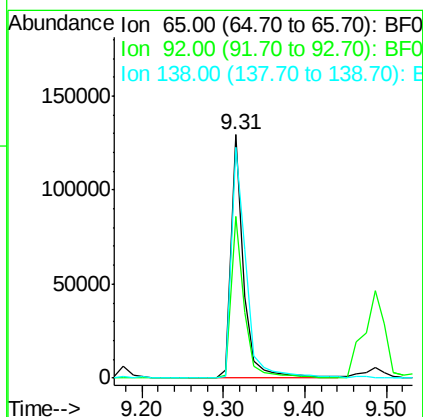
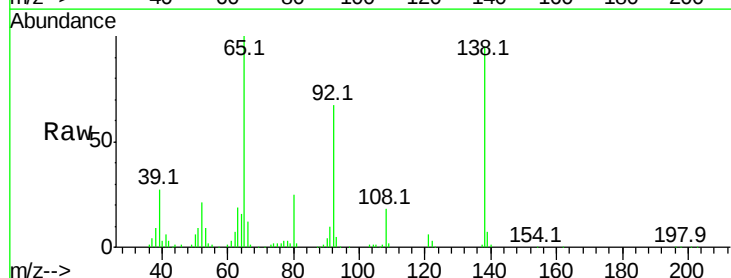
Instrument :
BNA_F
ClientSampleId :
SB-1MS

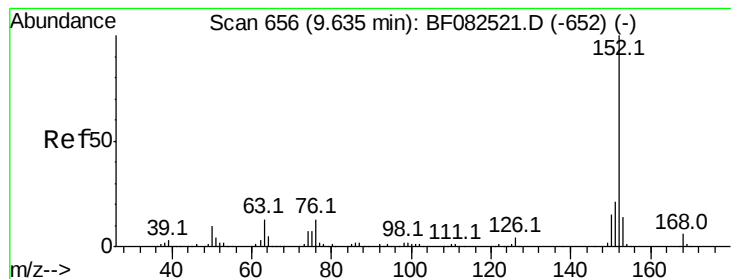
Tot Ion:162 Resp: 471231
Ion Ratio Lower Upper
162 100
127 32.8 30.6 46.0
164 32.9 26.8 40.2



#47
2-Nitroaniline
Concen: 53.54 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion: 65 Resp: 138933
Ion Ratio Lower Upper
65 100
92 66.5 50.6 76.0
138 94.9 71.8 107.6





#48

Acenaphthylene

Concen: 52.63 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

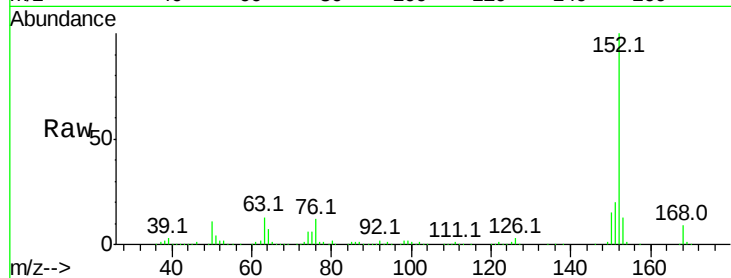
Tot Ion:152 Resp: 753125

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

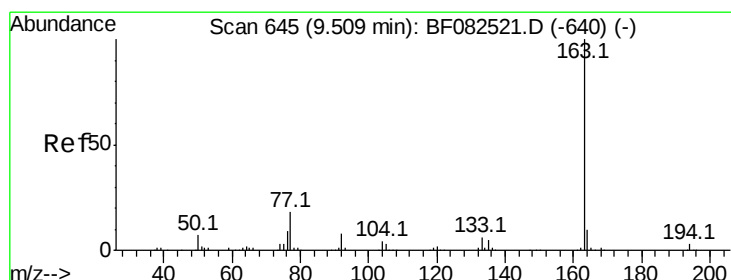
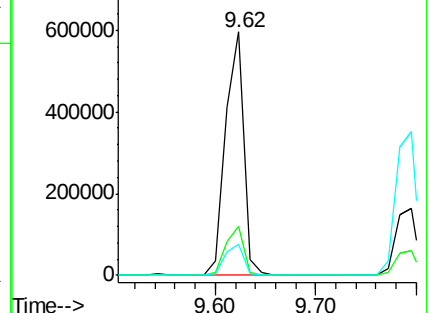
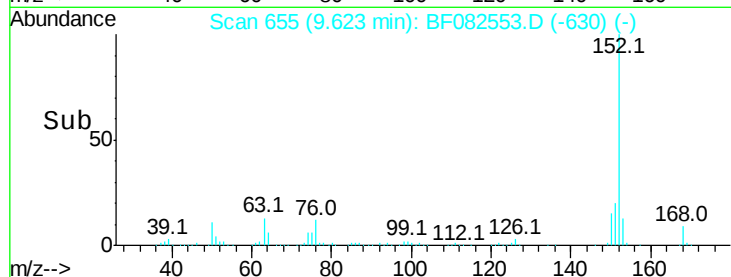
153 12.9 10.9 16.3



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: 68.58 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

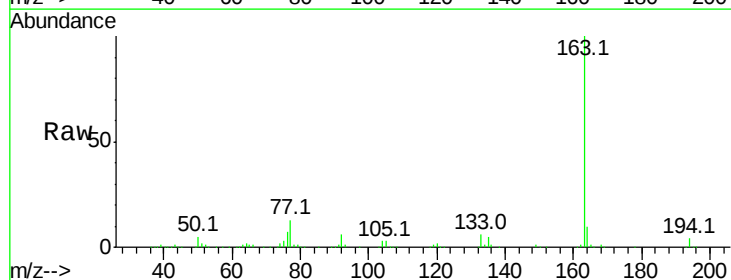
Tgt Ion:163 Resp: 726911

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

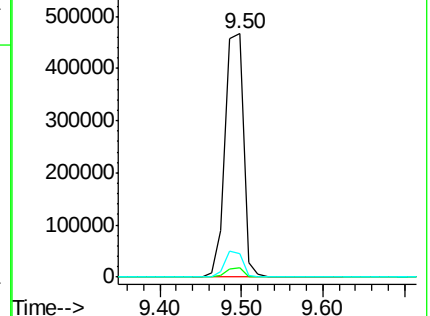
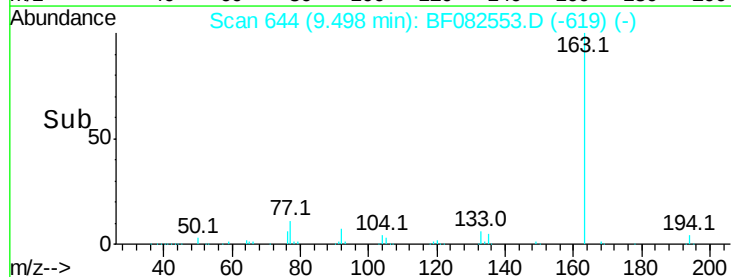
164 9.6 8.2 12.4

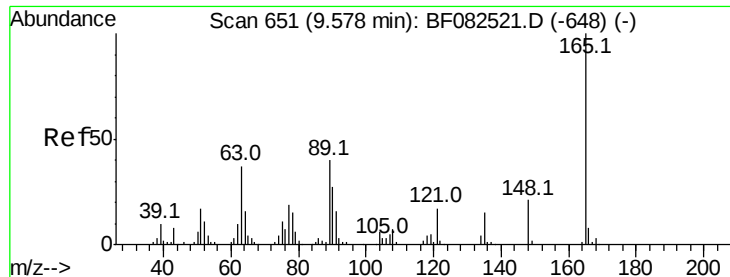


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 50.89 ng

RT: 9.57 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

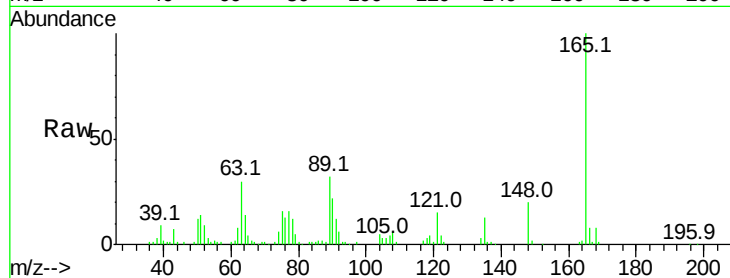
Tot Ion:165 Resp: 118270

Ion Ratio Lower Upper

165 100

63 30.0 30.7 46.1#

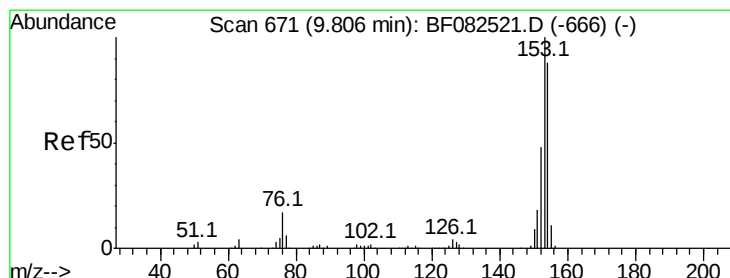
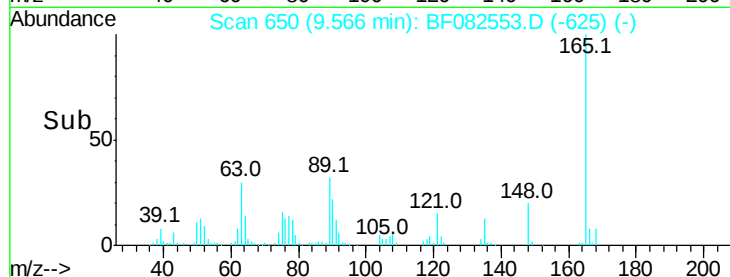
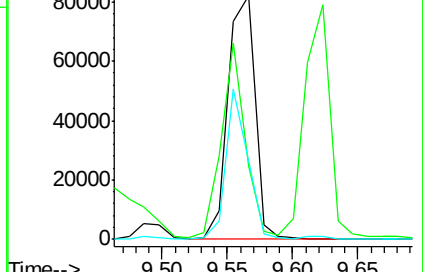
89 32.3 31.8 47.8



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: 52.65 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

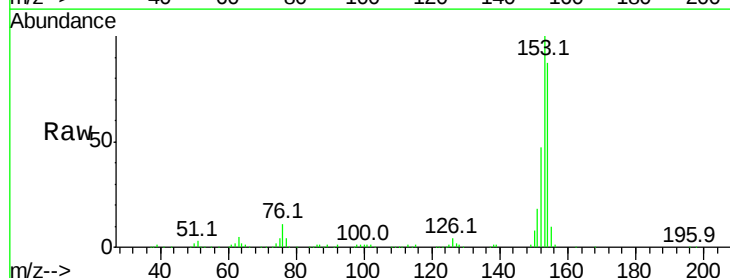
Tgt Ion:154 Resp: 432137

Ion Ratio Lower Upper

154 100

153 114.4 90.7 136.1

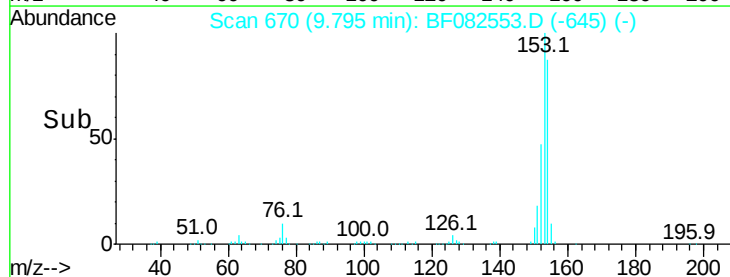
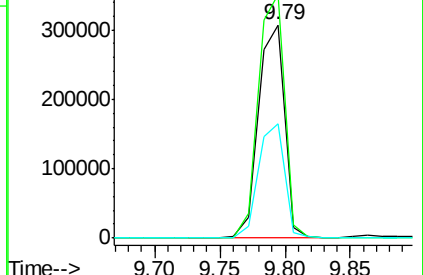
152 53.7 44.0 66.0

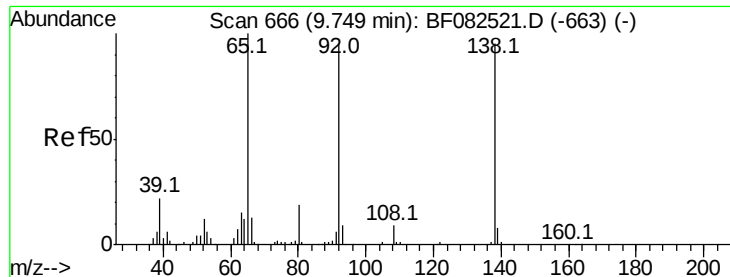


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 34.37 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

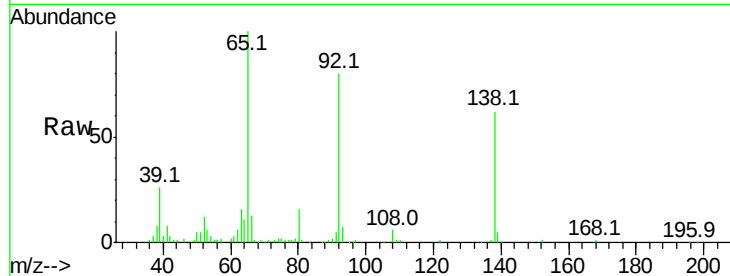
Tot Ion:138 Resp: 86672

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.2

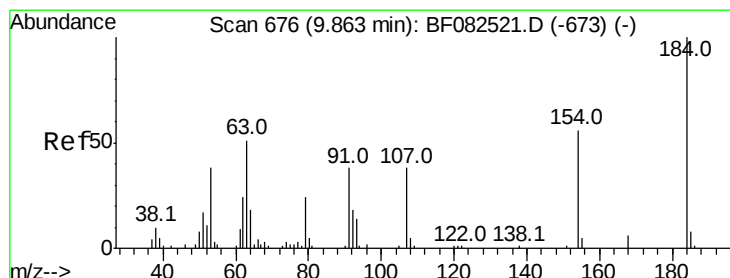
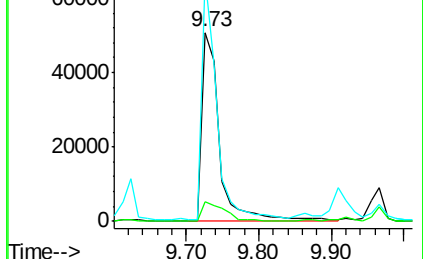
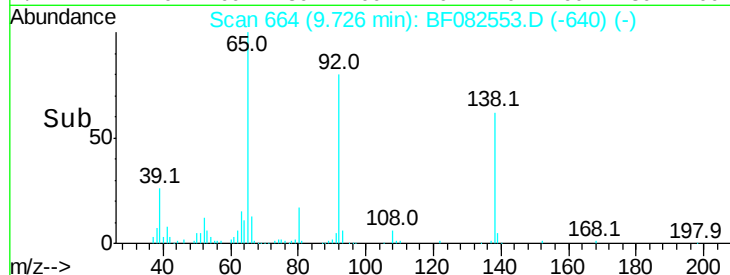
92 129.0 80.2 120.2#



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): E



#53

2,4-Dinitrophenol

Concen: 20.84 ng

RT: 9.86 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

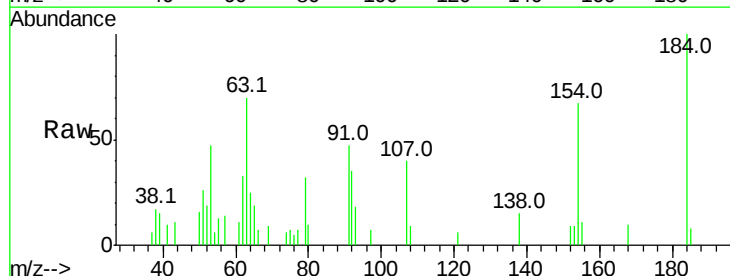
Tgt Ion:184 Resp: 13858

Ion Ratio Lower Upper

184 100

63 69.8 41.4 62.0#

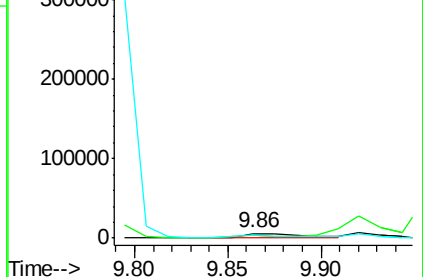
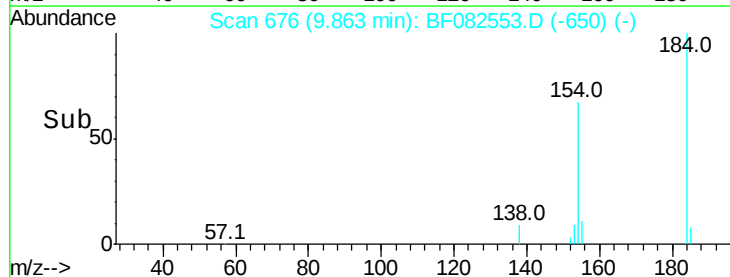
154 67.1 48.2 72.2

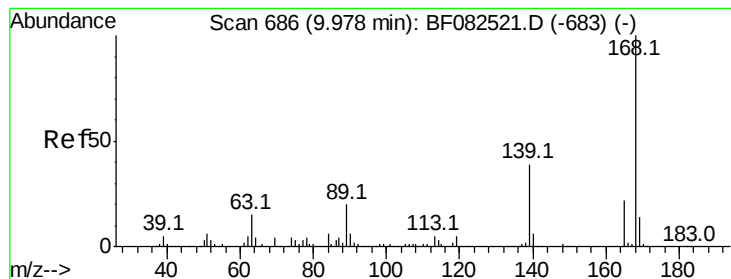


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 55.16 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

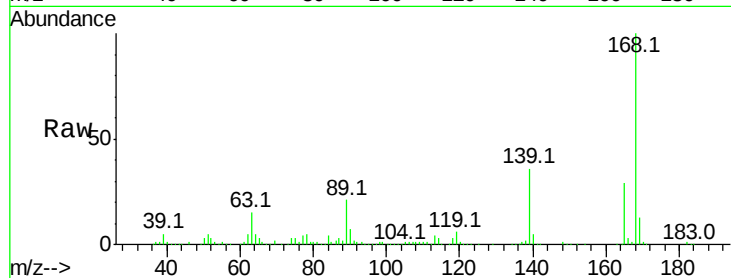
Tot Ion:168 Resp: 660530

Ion Ratio Lower Upper

168 100

139 36.3 33.0 49.6

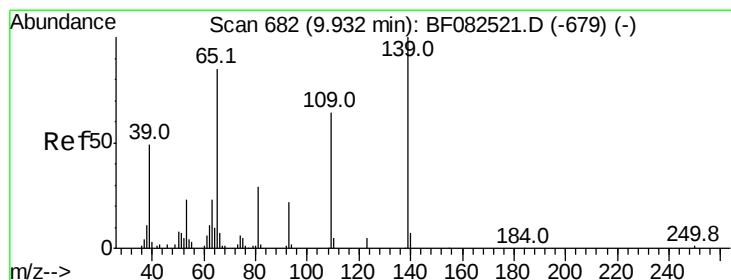
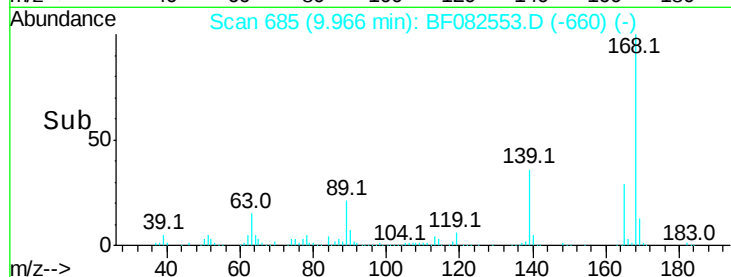
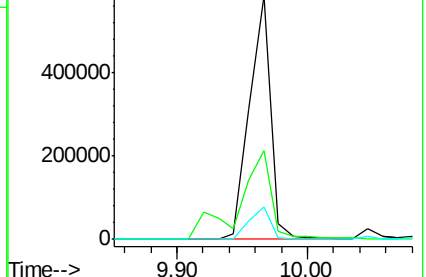
169 13.1 11.0 16.4



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: 80.62 ng m

RT: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

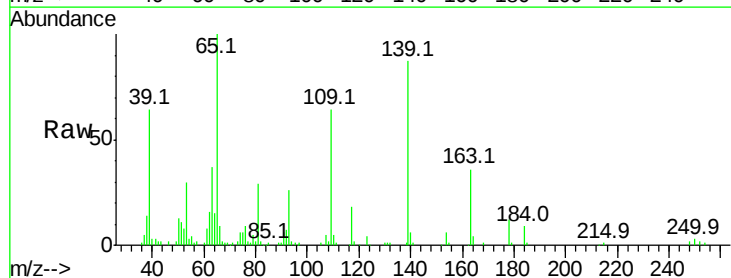
Tgt Ion:139 Resp: 96597

Ion Ratio Lower Upper

139 100

109 73.5 44.2 84.2

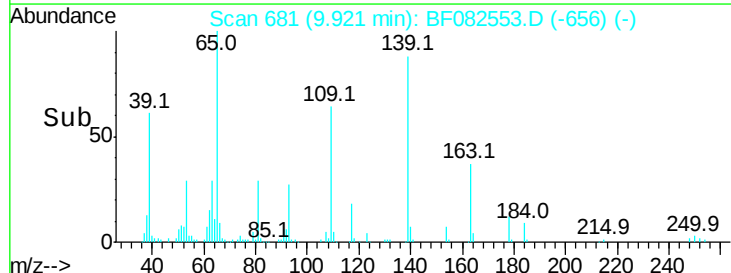
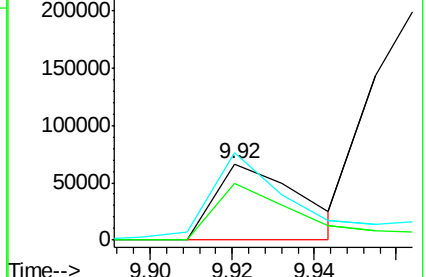
65 114.7 68.1 108.1#

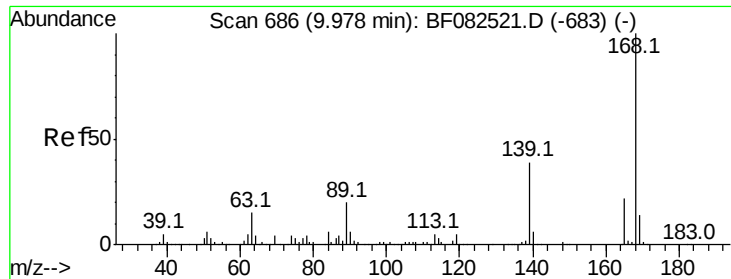


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

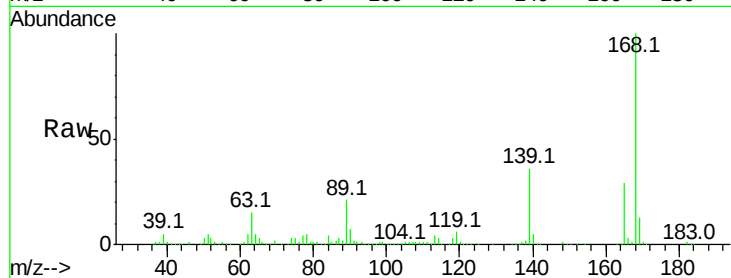




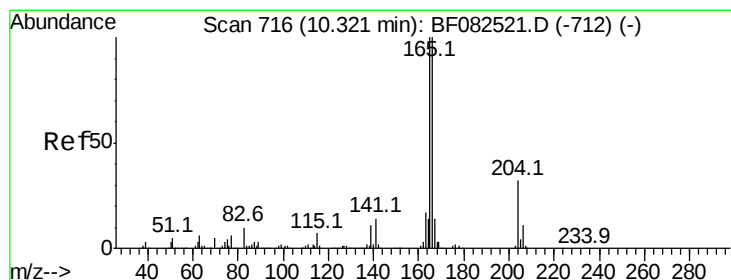
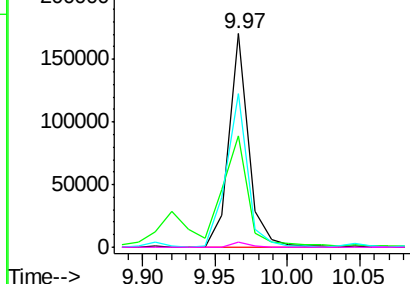
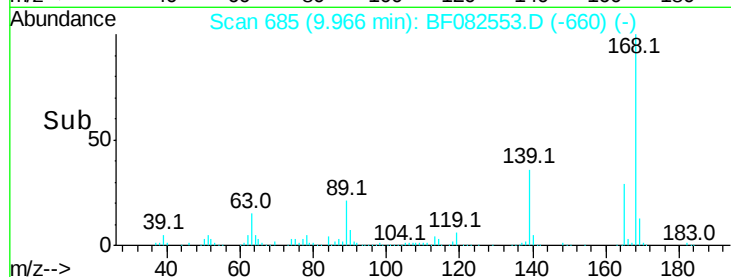
#56
2,4-Dinitrotoluene
Concen: 57.27 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion:165 Resp: 161408
Ion Ratio Lower Upper
165 100
63 52.2 58.6 88.0#
89 72.1 72.3 108.5#
182 2.2 1.8 2.8

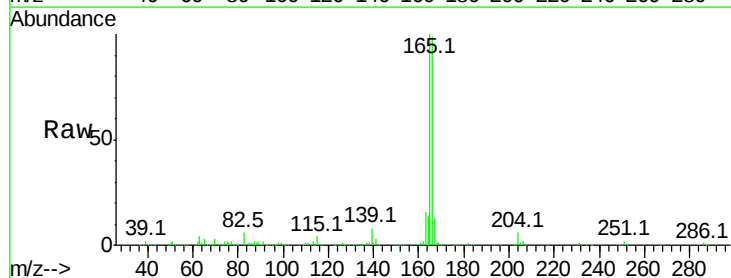


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

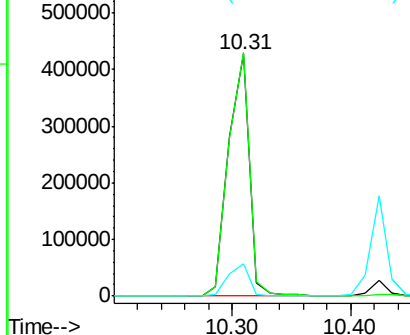
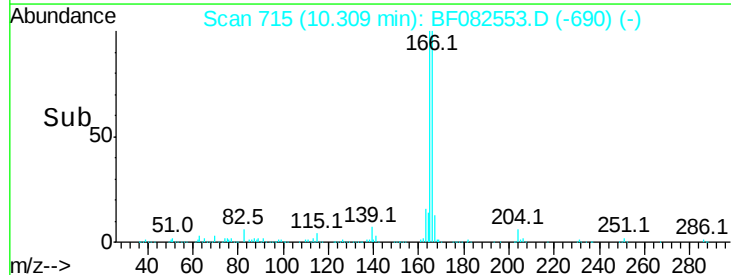


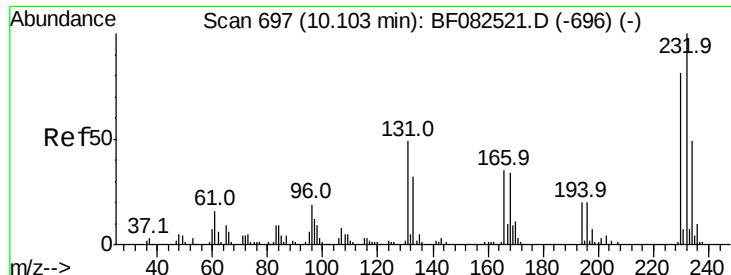
#57
Fluorene
Concen: 52.89 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:166 Resp: 519994
Ion Ratio Lower Upper
166 100
165 100.5 79.7 119.5
167 13.3 11.0 16.4



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

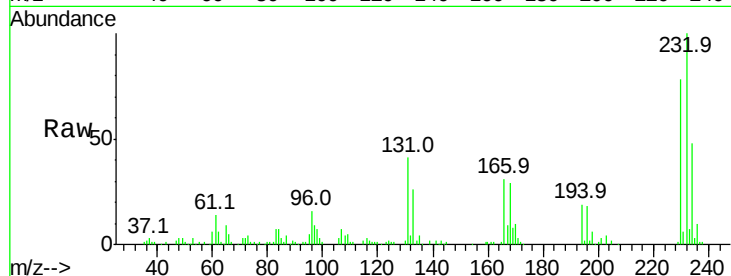




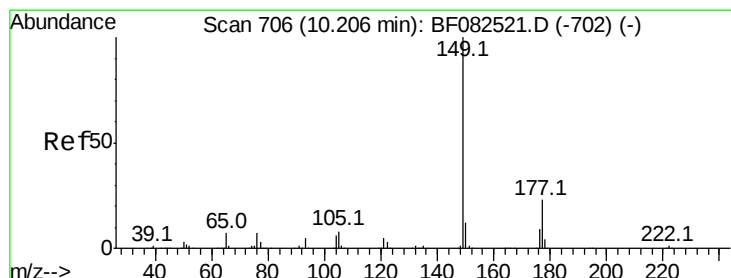
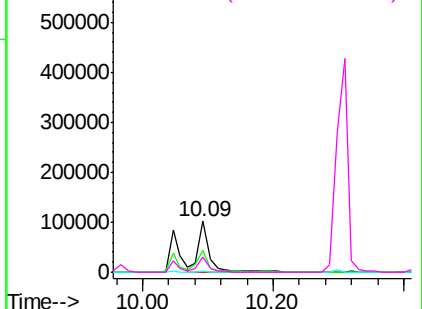
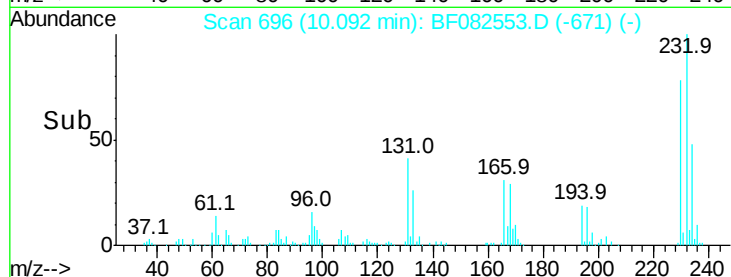
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.85 ng
 RT: 10.09 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion:232 Resp: 119305
 Ion Ratio Lower Upper
 232 100
 131 44.0 36.4 54.6
 130 1.8 1.7 2.5
 166 28.9 25.4 38.0

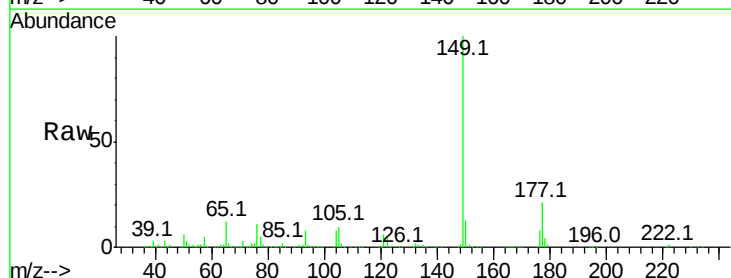


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

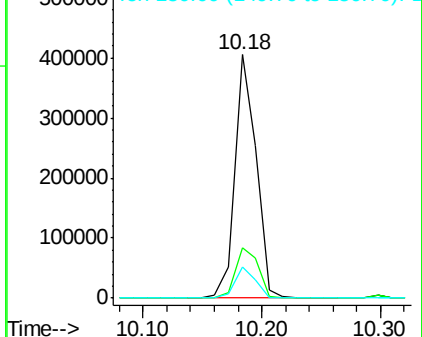
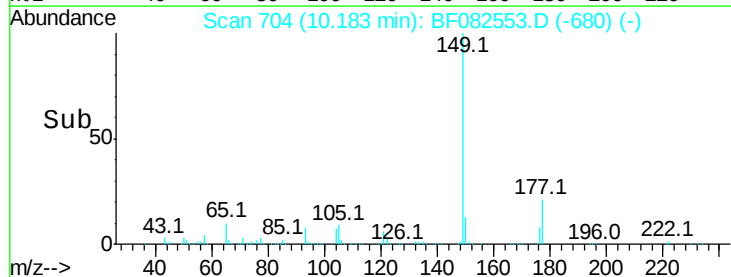


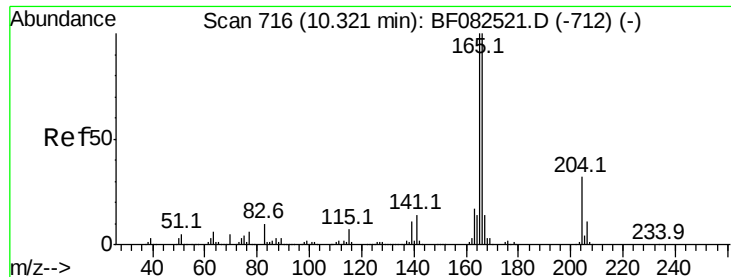
#59
 Diethylphthalate
 Concen: 48.90 ng
 RT: 10.18 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion:149 Resp: 504459
 Ion Ratio Lower Upper
 149 100
 177 20.7 18.6 28.0
 150 13.0 9.9 14.9



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

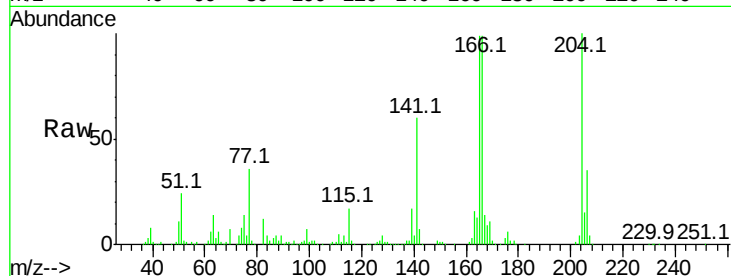




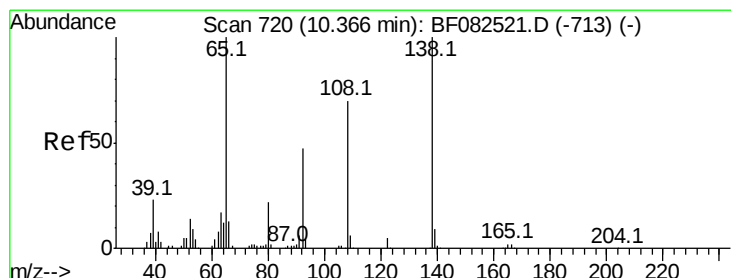
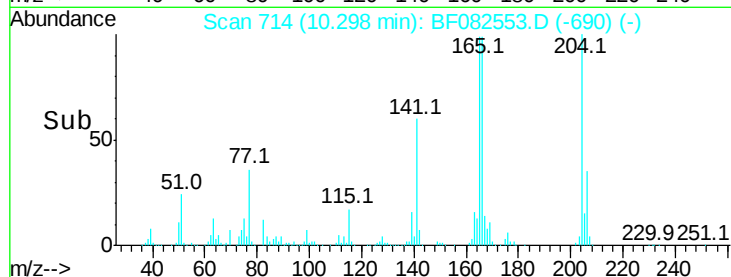
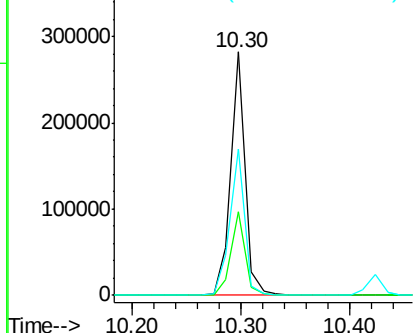
#60
4-Chlorophenyl-phenylether
Concen: 55.34 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion:204 Resp: 255858
Ion Ratio Lower Upper
204 100
206 34.5 27.7 41.5
141 60.2 33.9 50.9#

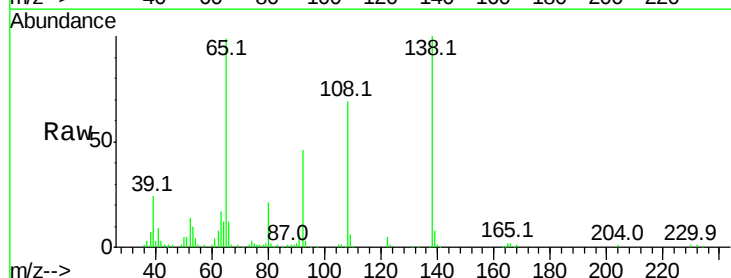


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

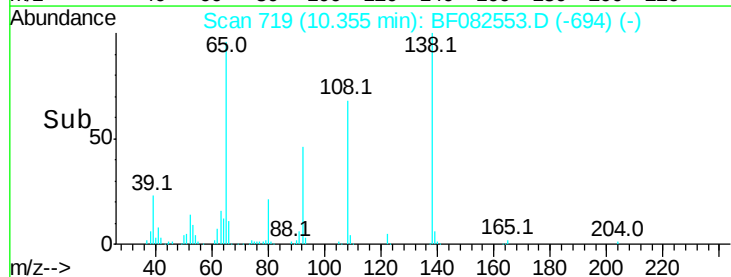
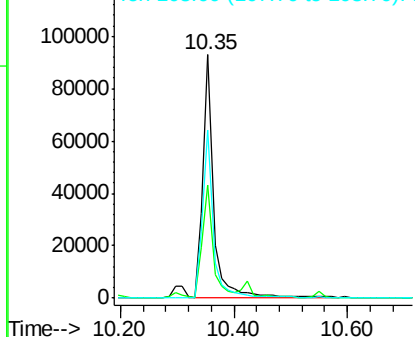


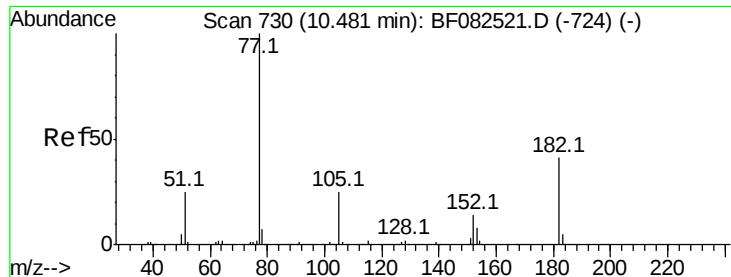
#61
4-Nitroaniline
Concen: 47.68 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:138 Resp: 120411
Ion Ratio Lower Upper
138 100
92 46.2 27.3 67.3
108 69.0 49.8 89.8



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: 55.15 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tot Ion: 77 Resp: 549515

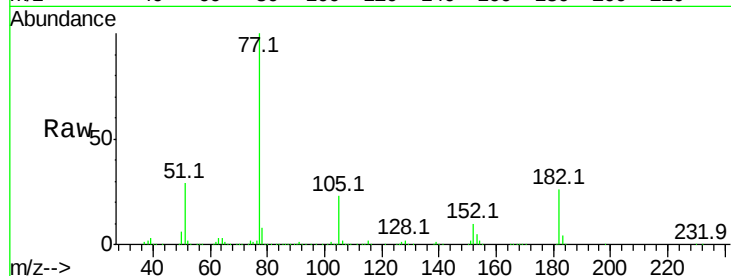
Ion Ratio Lower Upper

77 100

182 25.7 20.8 60.8

105 22.7 5.8 45.8

51 29.4 5.3 45.3

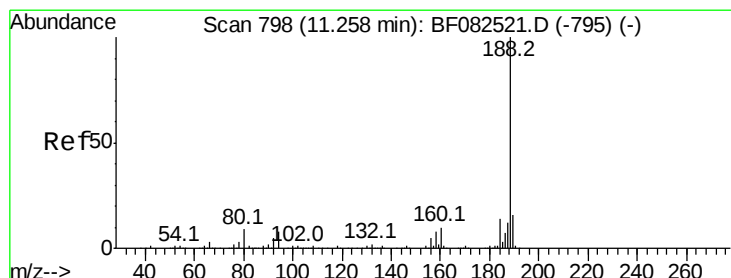
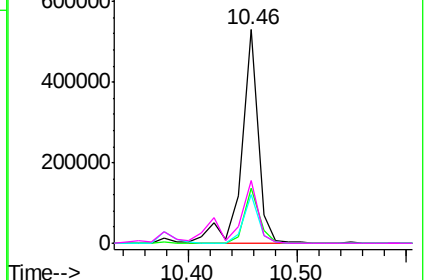
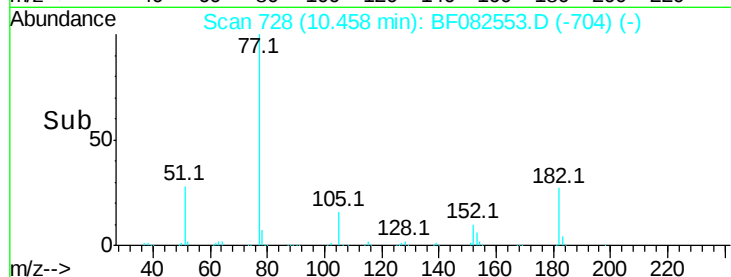


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.25 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

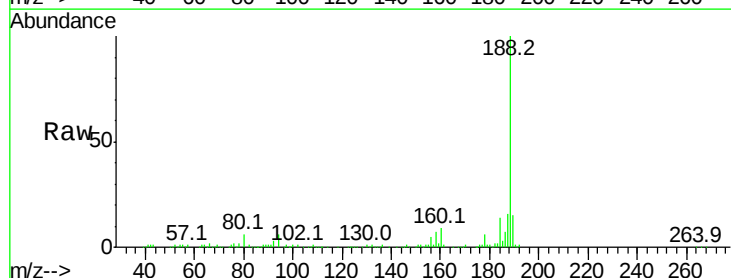
Tgt Ion: 188 Resp: 285445

Ion Ratio Lower Upper

188 100

94 5.7 6.4 9.6#

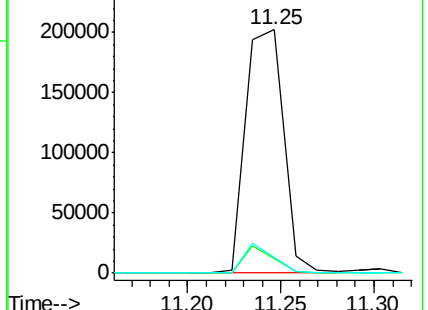
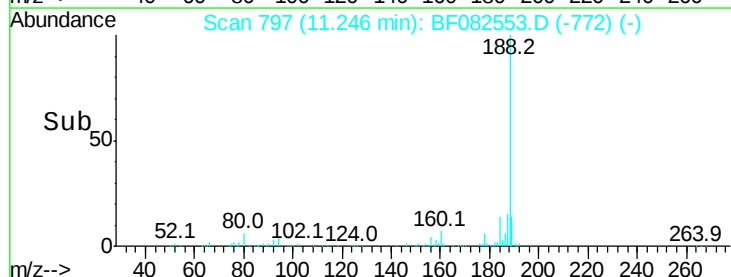
80 6.2 7.0 10.6#

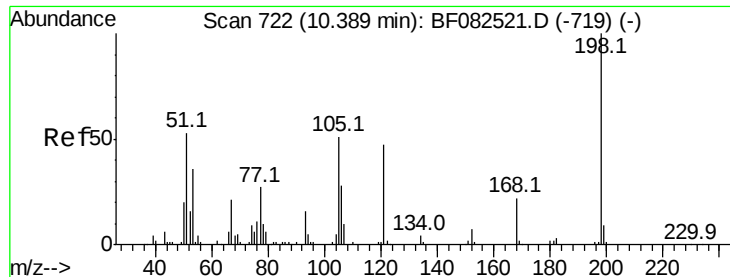


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 42.08 ng

RT: 10.38 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

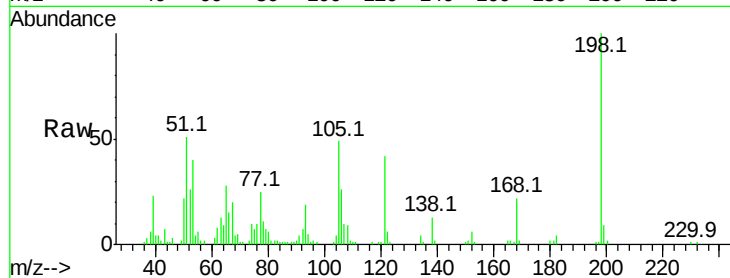
Tot Ion:198 Resp: 70473

Ion Ratio Lower Upper

198 100

51 51.1 38.2 78.2

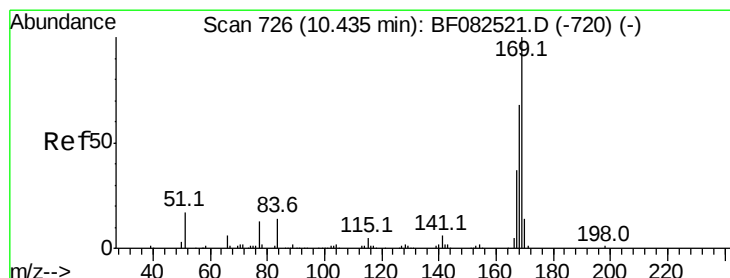
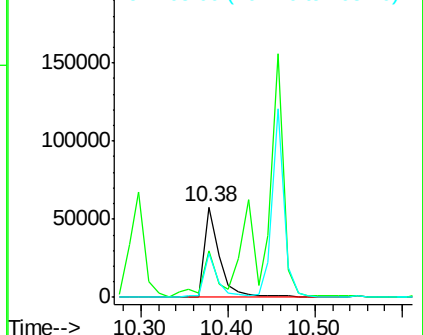
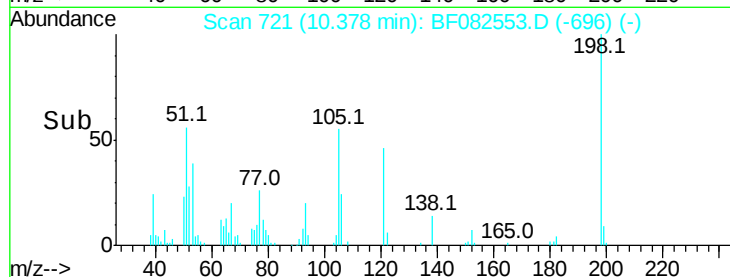
105 49.4 32.2 72.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 53.84 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

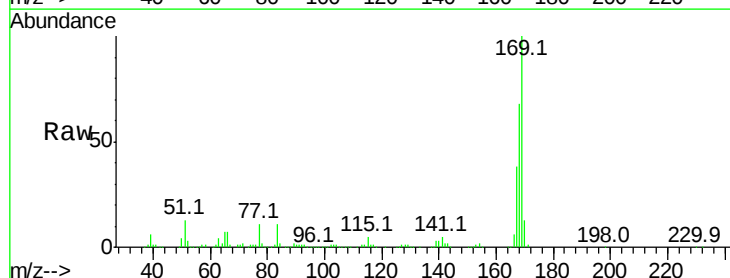
Tgt Ion:169 Resp: 464988

Ion Ratio Lower Upper

169 100

168 67.6 54.8 82.2

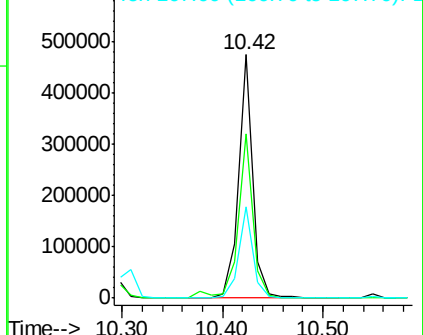
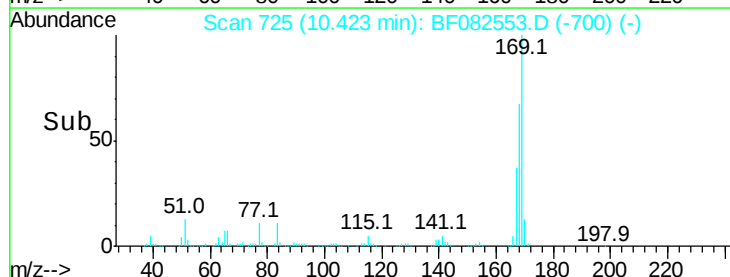
167 37.5 29.5 44.3

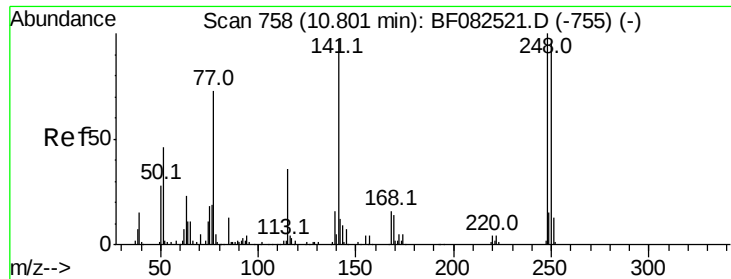


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

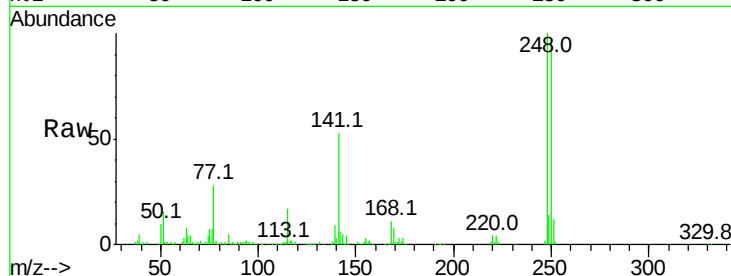




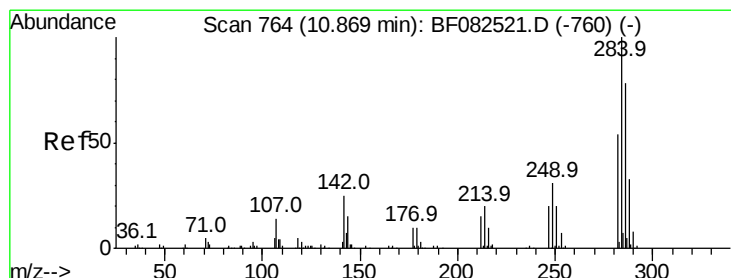
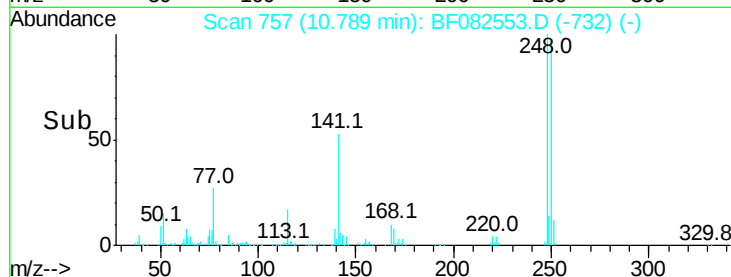
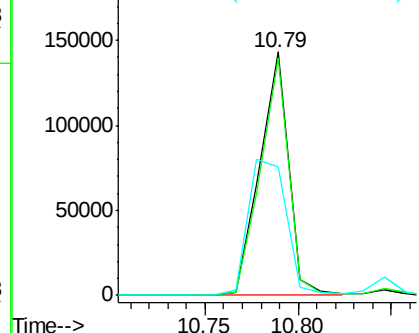
#66
4-Bromophenyl-phenylether
Concen: 56.97 ng
RT: 10.79 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion:248 Resp: 152617
Ion Ratio Lower Upper
248 100
250 97.2 76.0 114.0
141 52.6 77.5 116.3#

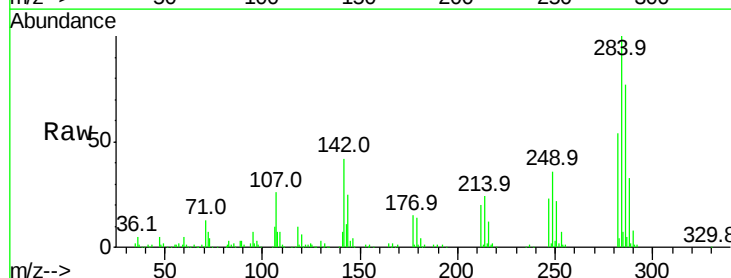


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

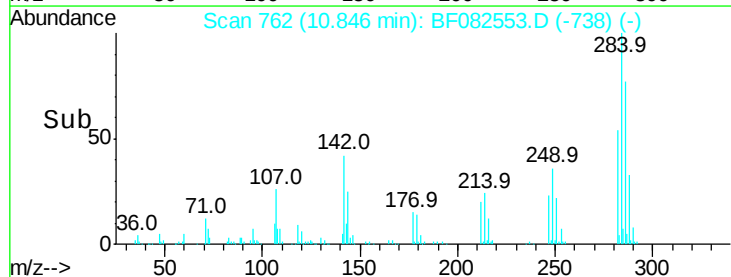
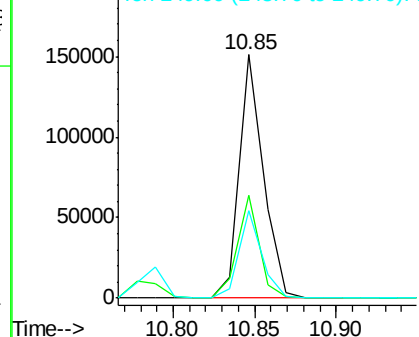


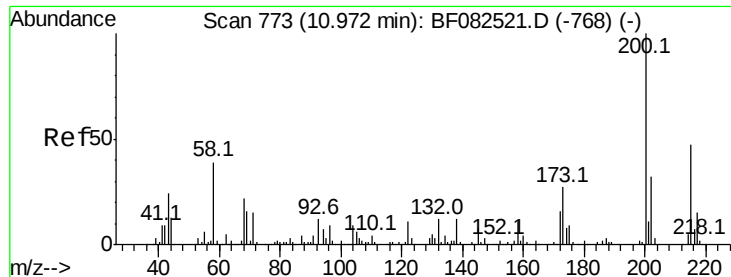
#67
Hexachlorobenzene
Concen: 53.45 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:284 Resp: 152712
Ion Ratio Lower Upper
284 100
142 42.1 20.3 30.5#
249 35.7 25.3 37.9



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

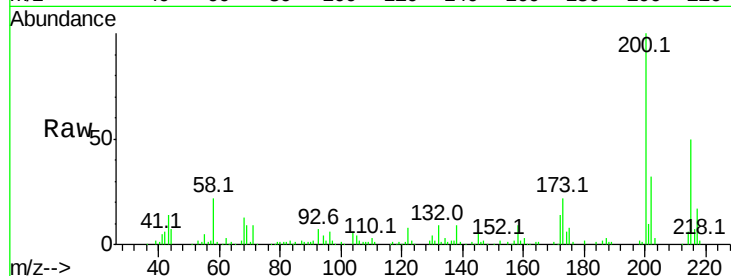




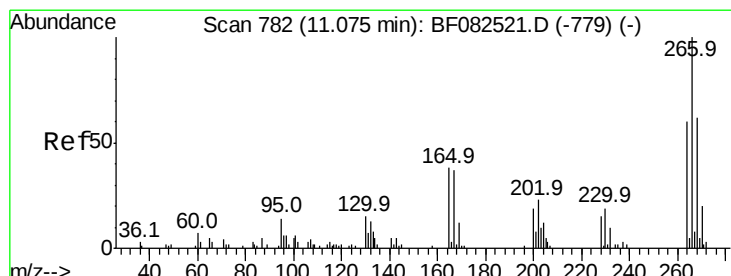
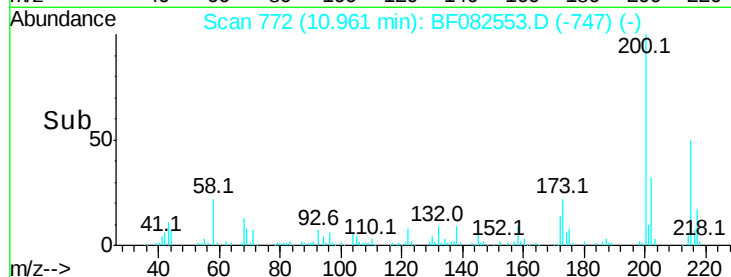
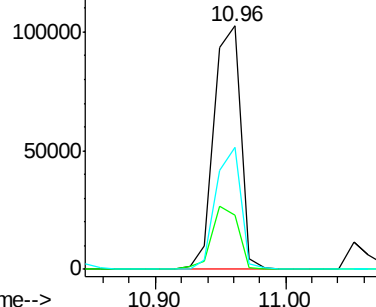
#68
Atrazine
Concen: 54.59 ng
RT: 10.96 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.3	7.2	47.2
215	50.3	27.0	67.0

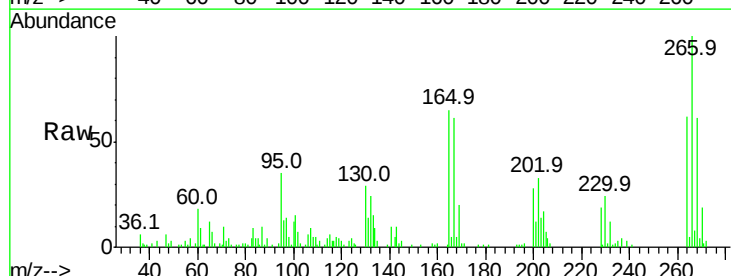


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

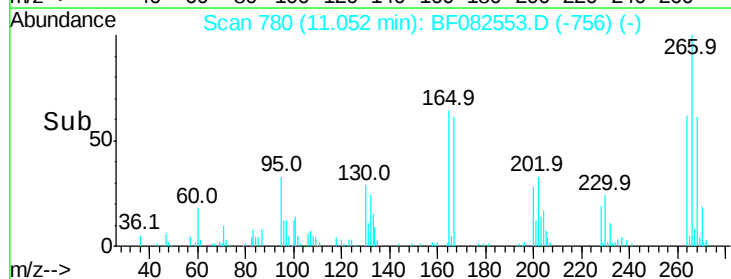
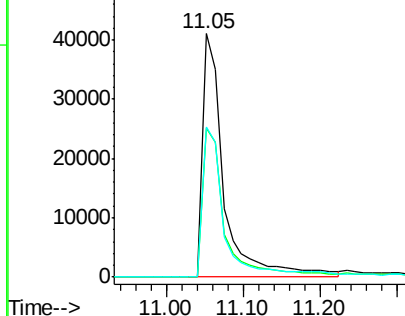


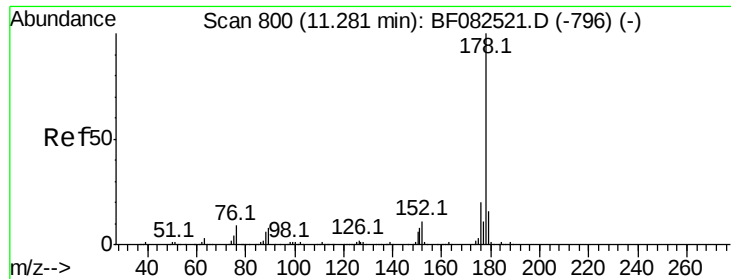
#69
Pentachlorophenol
Concen: 68.88 ng
RT: 11.05 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	49.5	74.3
264	61.9	48.0	72.0



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

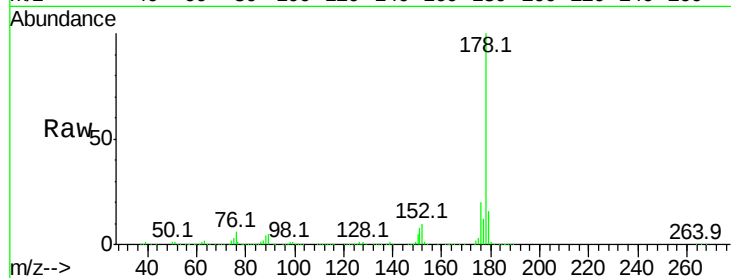




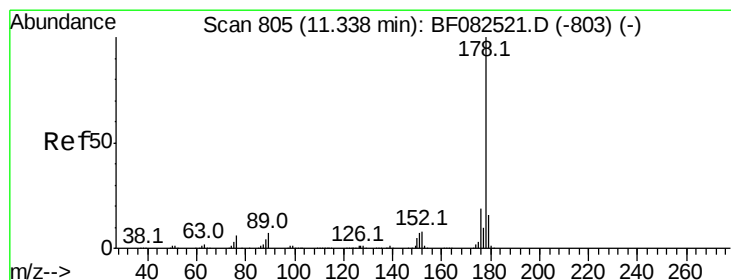
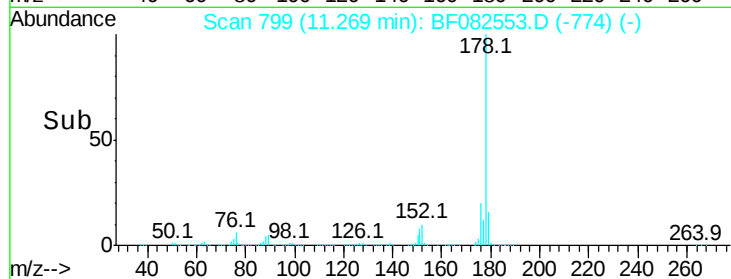
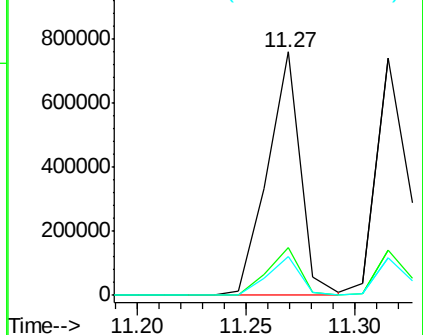
#70
Phenanthrene
Concen: 54.70 ng
RT: 11.27 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion:178 Resp: 803571
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.7 12.8 19.2

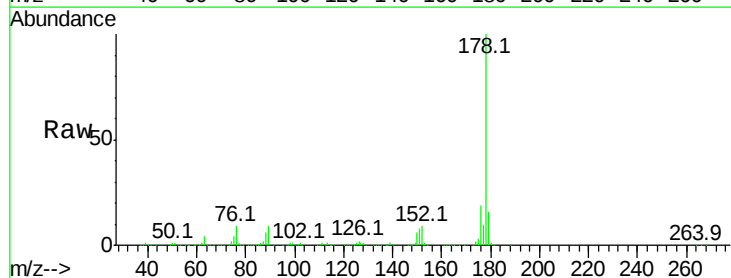


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

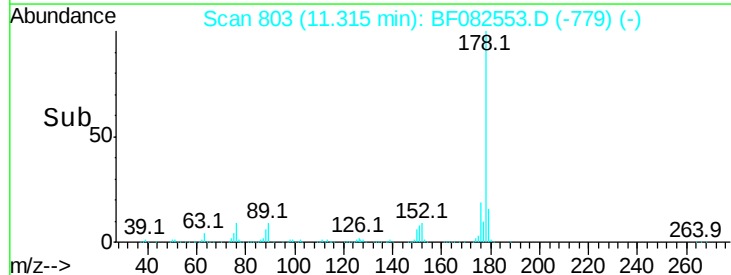
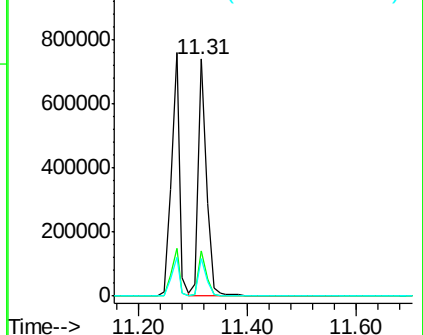


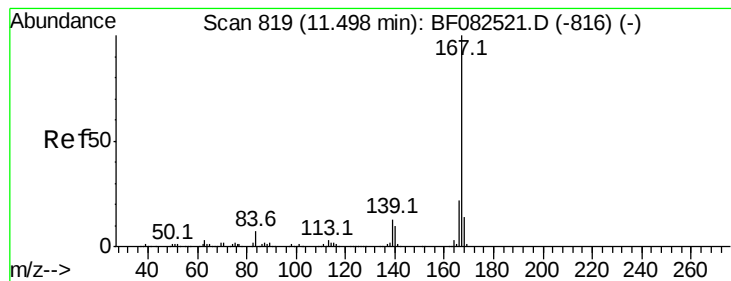
#71
Anthracene
Concen: 52.37 ng
RT: 11.31 min Scan# 803
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:178 Resp: 774760
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 16.0 12.6 19.0



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





#72

Carbazole

Concen: 52.52 ng

RT: 11.49 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

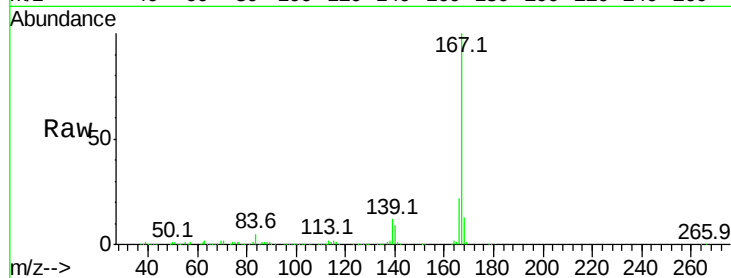
Tot Ion:167 Resp: 685113

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

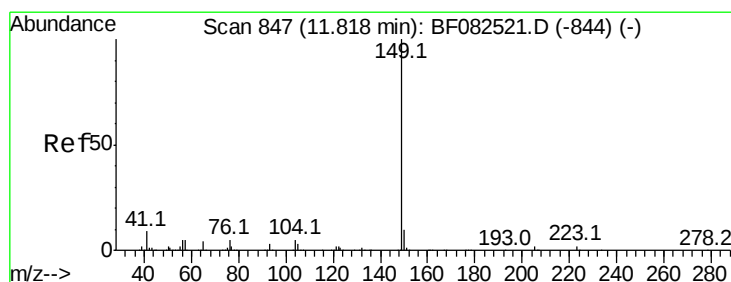
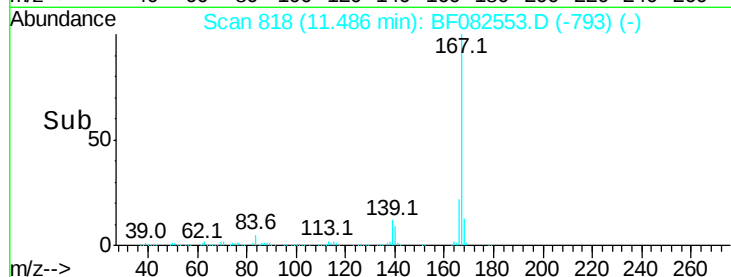
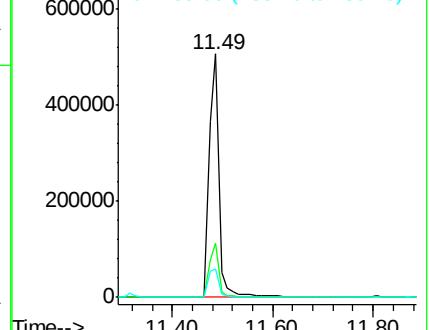
139 11.6 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 57.84 ng

RT: 11.81 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

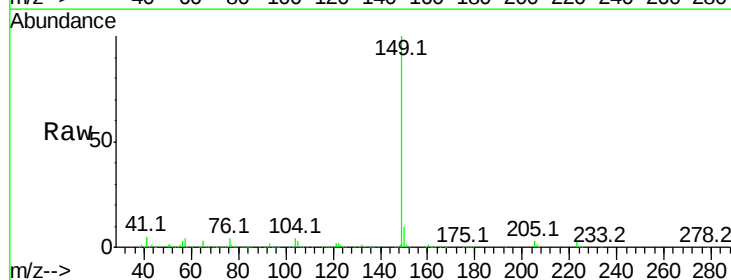
Tgt Ion:149 Resp: 900015

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

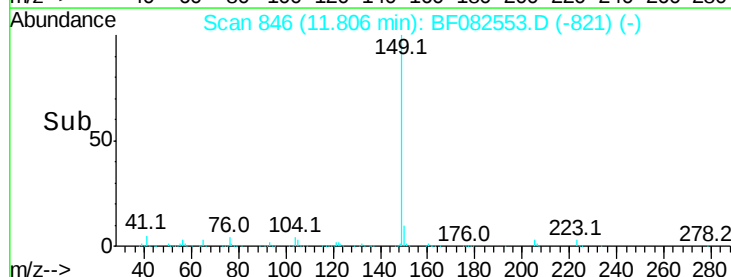
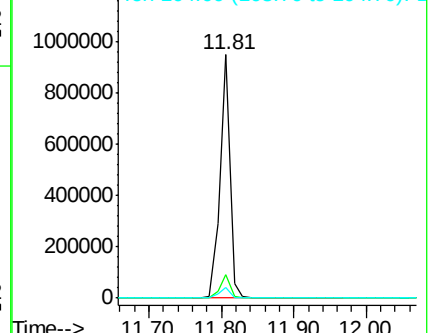
104 4.4 4.2 6.4

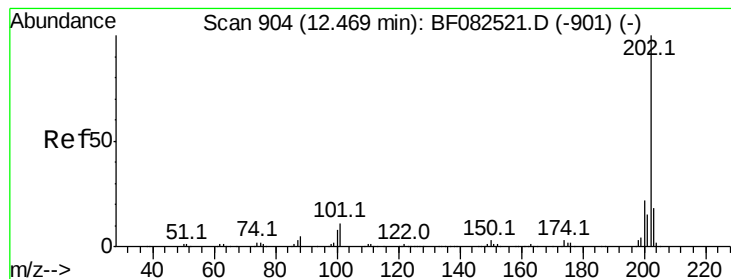


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 53.77 ng

RT: 12.46 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

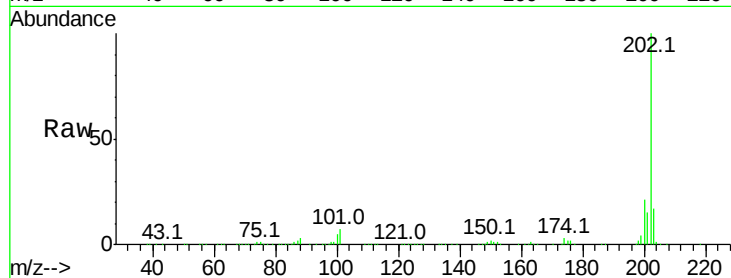
Tot Ion:202 Resp: 810755

Ion Ratio Lower Upper

202 100

101 6.6 0.0 31.2

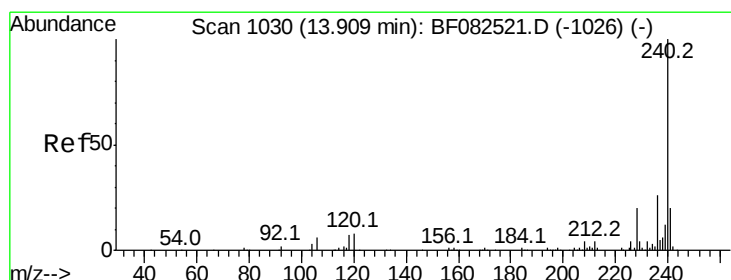
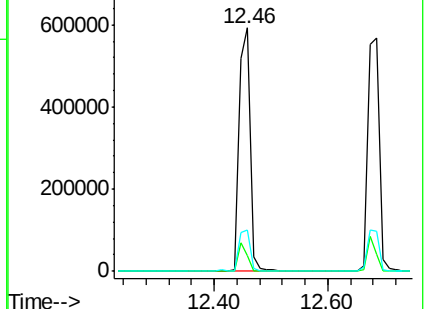
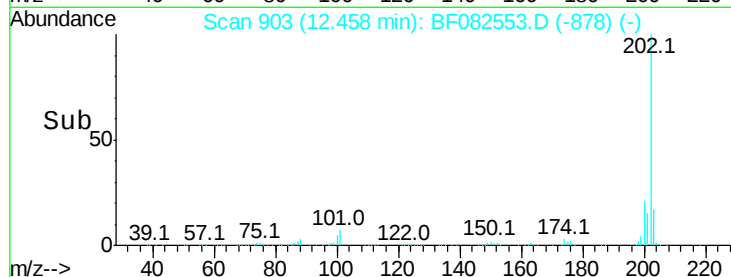
203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

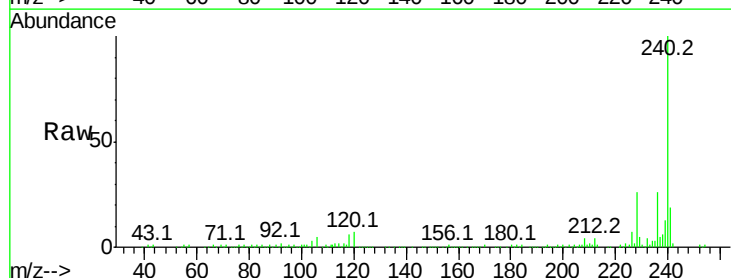
Tgt Ion:240 Resp: 210382

Ion Ratio Lower Upper

240 100

120 7.0 6.5 9.7

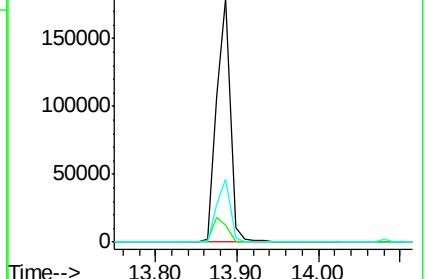
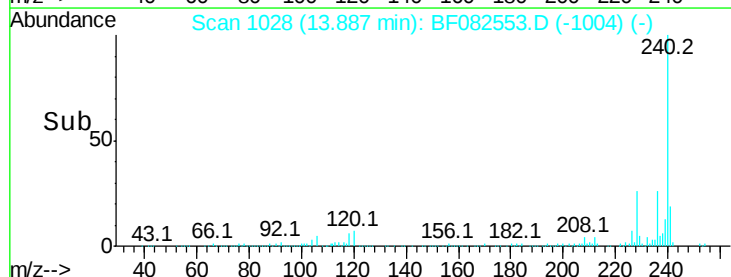
236 25.7 20.5 30.7

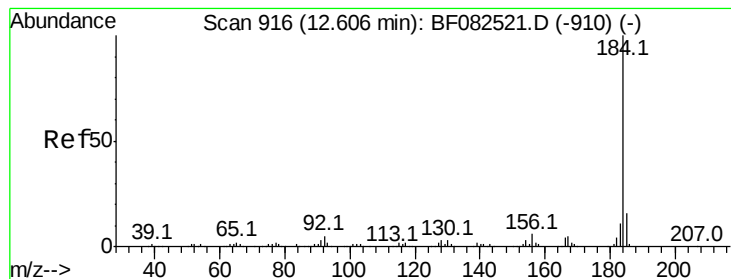


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 30.23 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

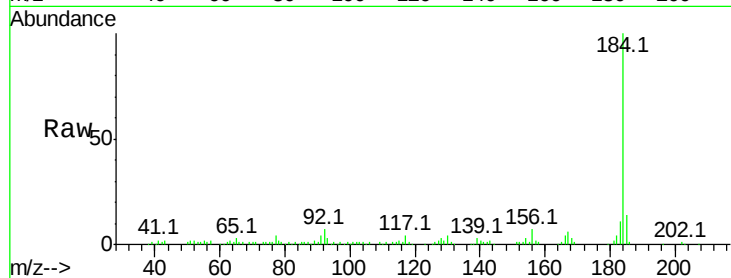
Tot Ion:184 Resp: 174504

Ion Ratio Lower Upper

184 100

185 14.4 12.8 19.2

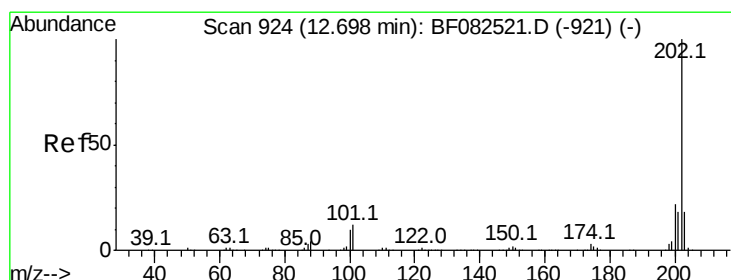
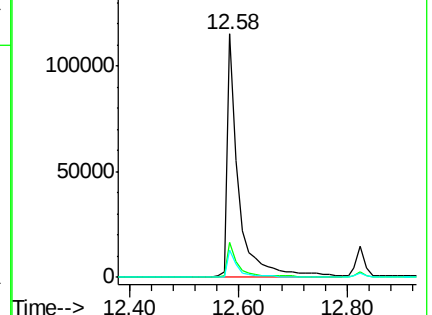
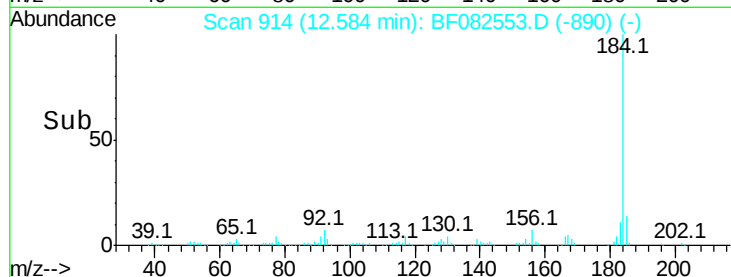
183 11.1 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 62.17 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

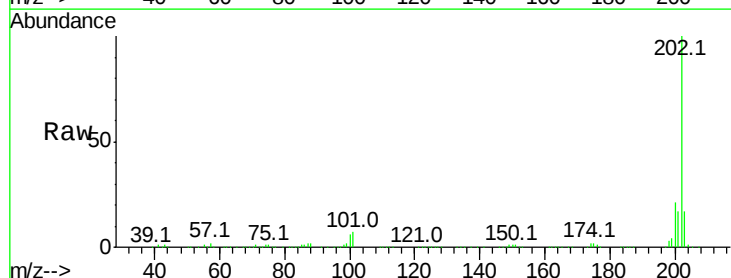
Tgt Ion:202 Resp: 804481

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

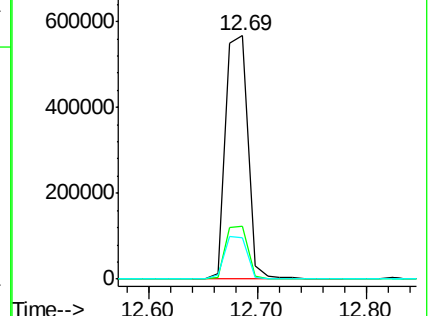
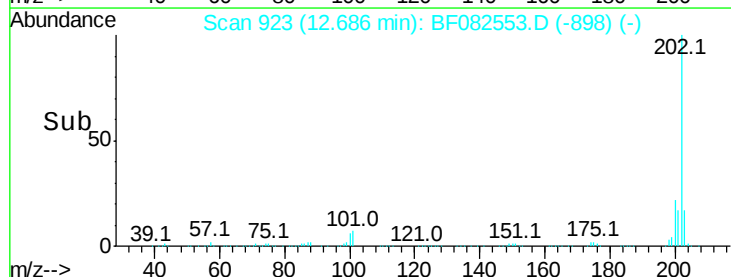
203 17.2 14.6 22.0

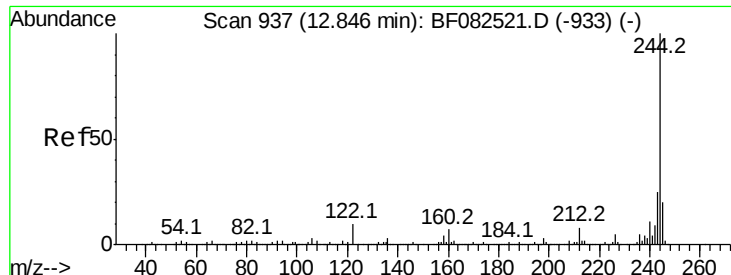


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 132.47 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

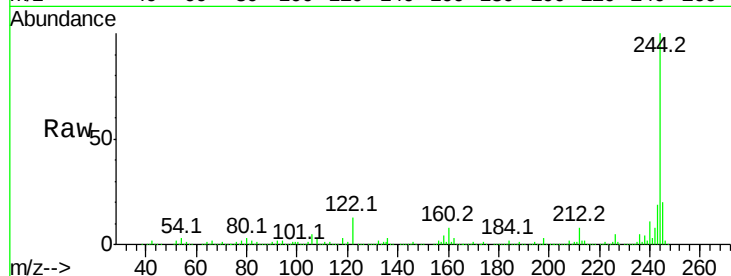
Tot Ion:244 Resp: 967320

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

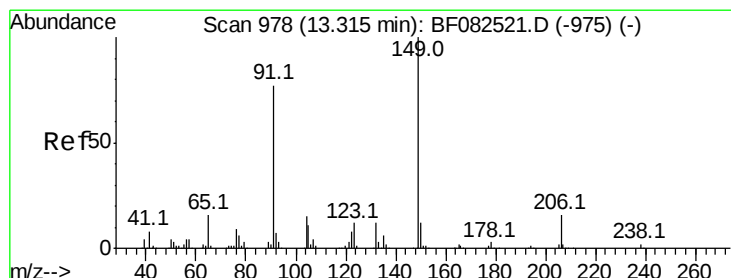
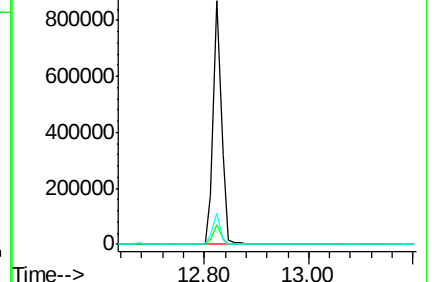
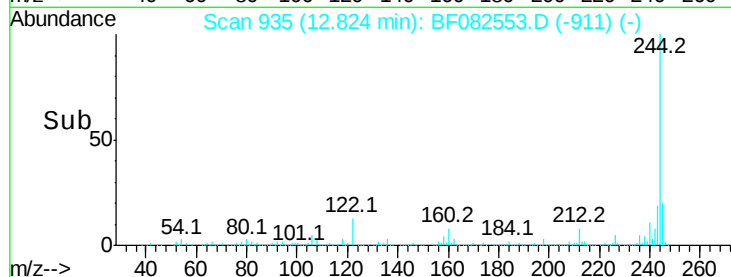
122 12.6 8.1 12.1#



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: 63.68 ng

RT: 13.30 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

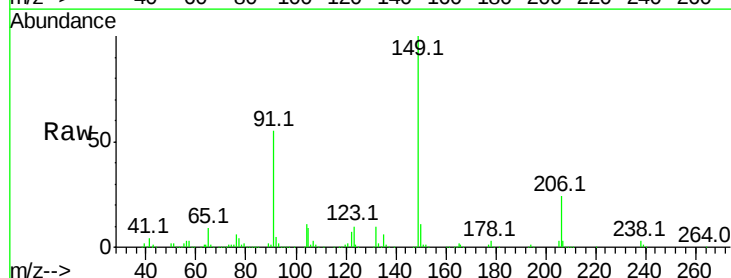
Tgt Ion:149 Resp: 346462

Ion Ratio Lower Upper

149 100

91 54.9 62.0 93.0#

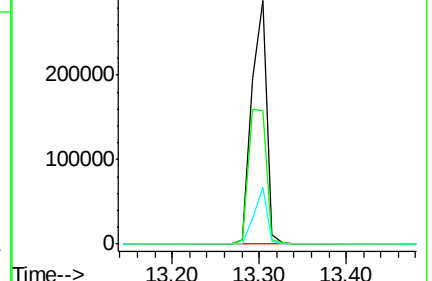
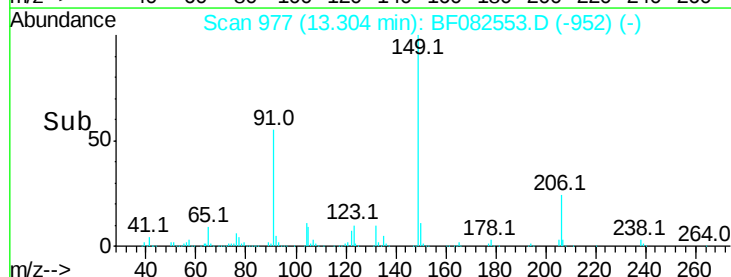
206 23.5 13.0 19.4#

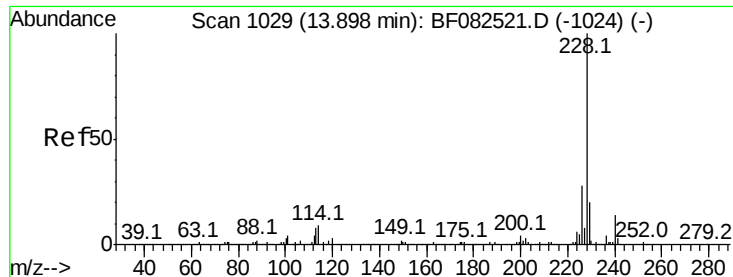


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 53.55 ng

RT: 13.88 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

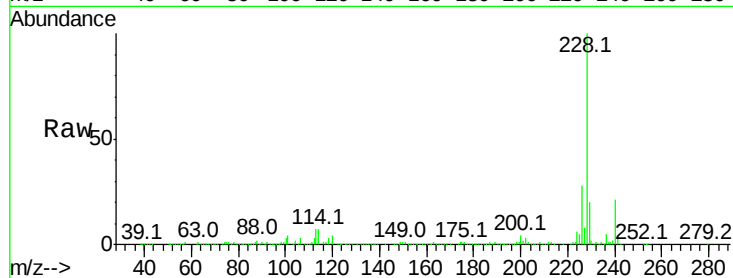
Tot Ion:228 Resp: 603965

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

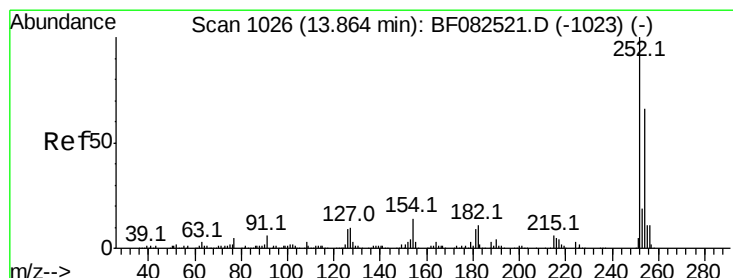
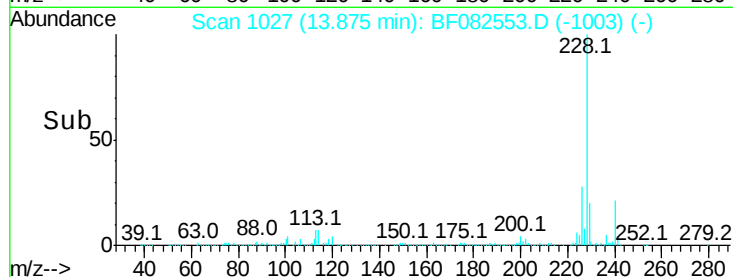
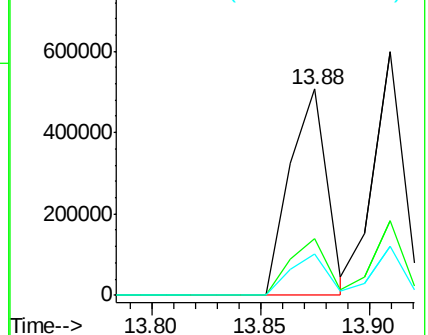
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 31.85 ng

RT: 13.84 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

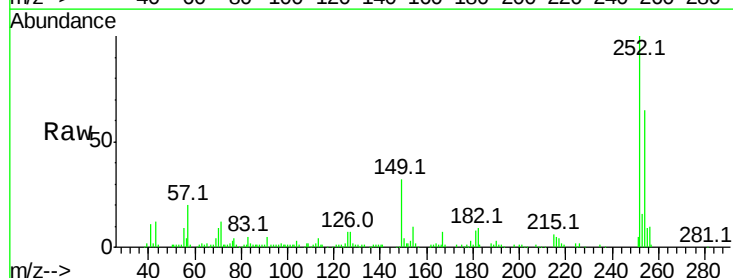
Tgt Ion:252 Resp: 124552

Ion Ratio Lower Upper

252 100

254 65.3 53.0 79.6

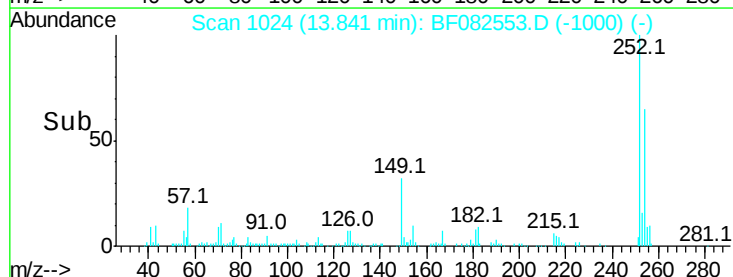
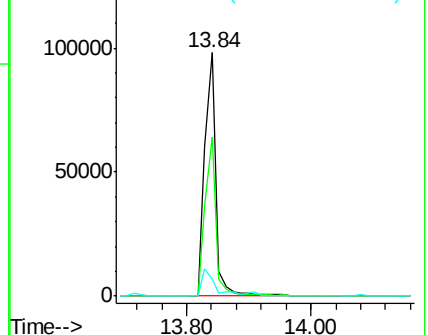
126 7.0 7.4 11.2#

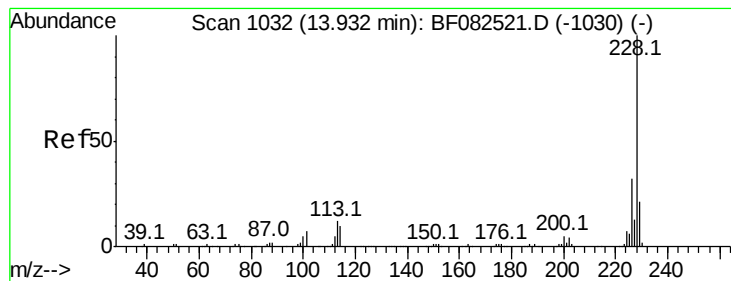


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 55.63 ng

RT: 13.91 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

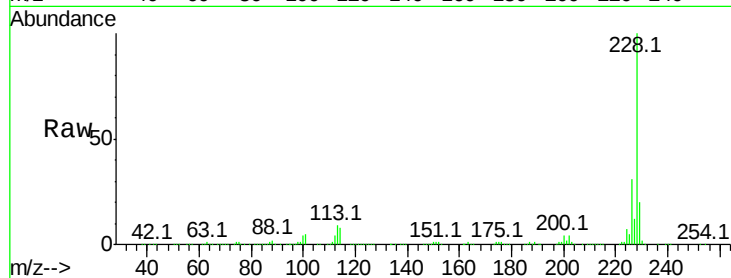
Tot Ion:228 Resp: 592689

Ion Ratio Lower Upper

228 100

226 30.8 25.2 37.8

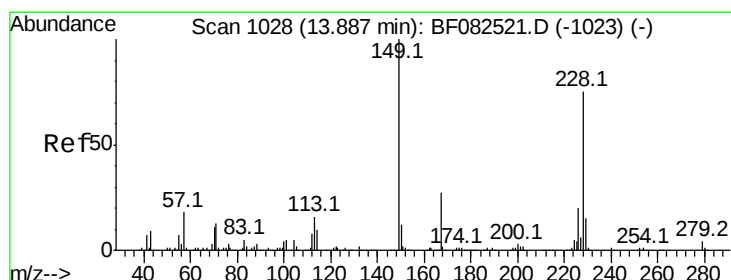
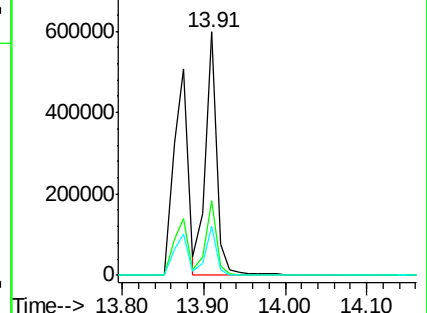
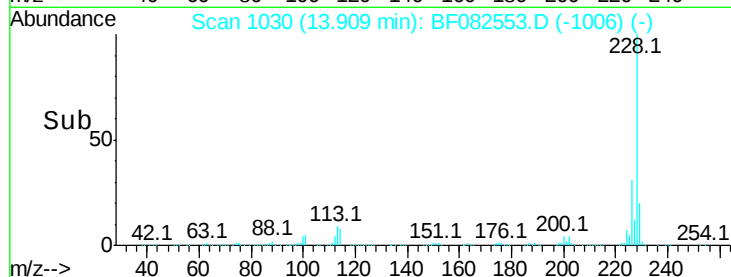
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 56.84 ng

RT: 13.85 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

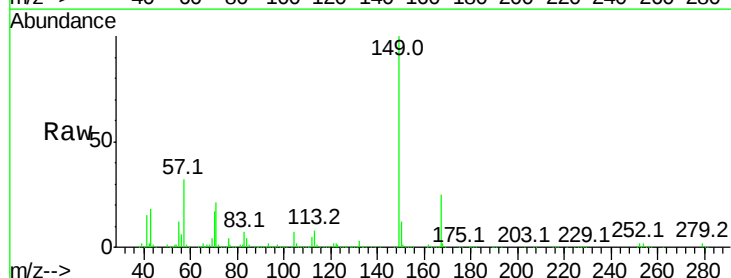
Tgt Ion:149 Resp: 414168

Ion Ratio Lower Upper

149 100

167 25.3 21.8 32.6

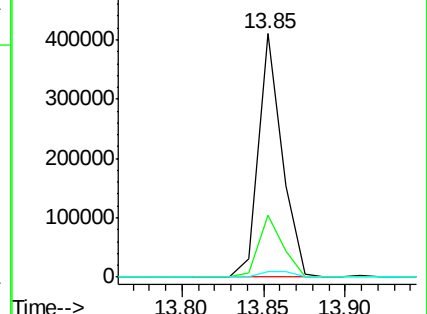
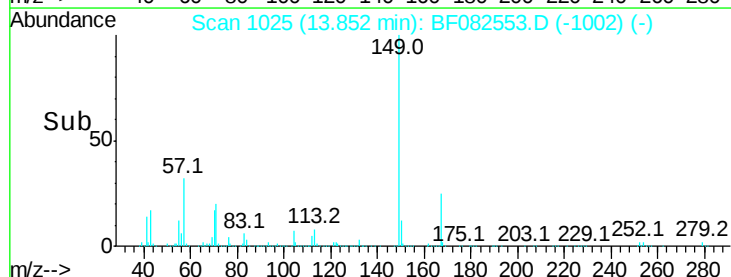
279 2.1 3.0 4.6#

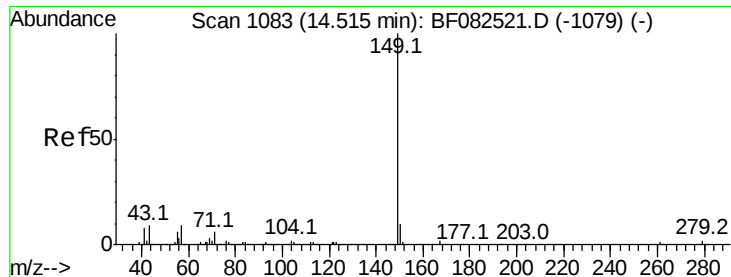


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

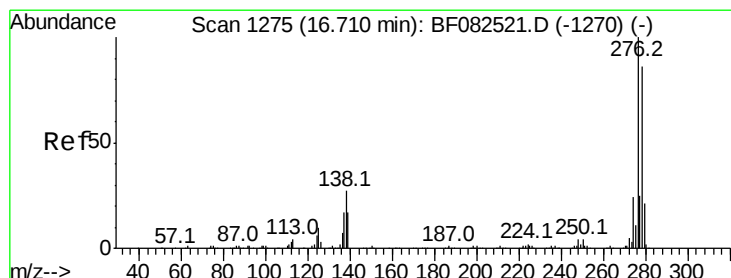
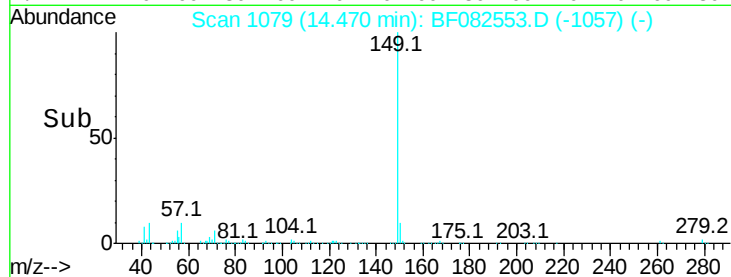
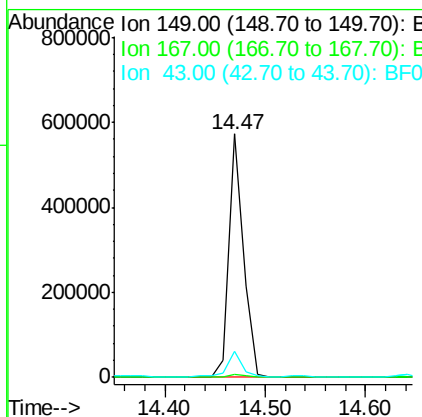
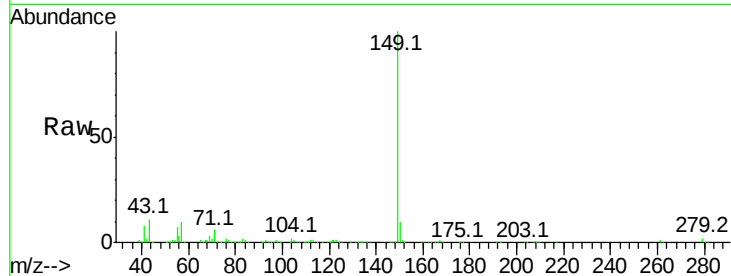




#84
Di-n-octyl phthalate
Concen: 47.78 ng
RT: 14.47 min Scan# 1079
Delta R.T. -0.05 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

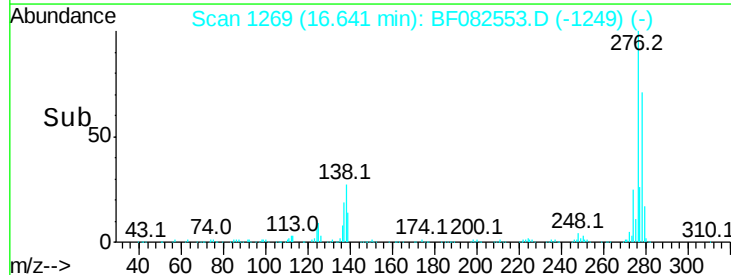
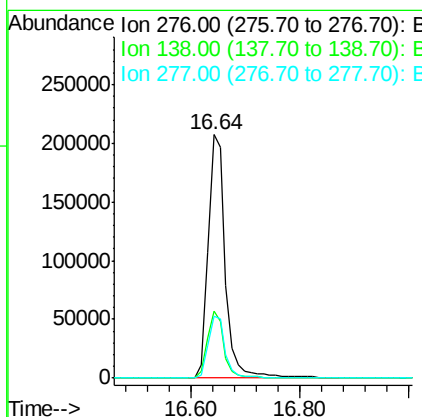
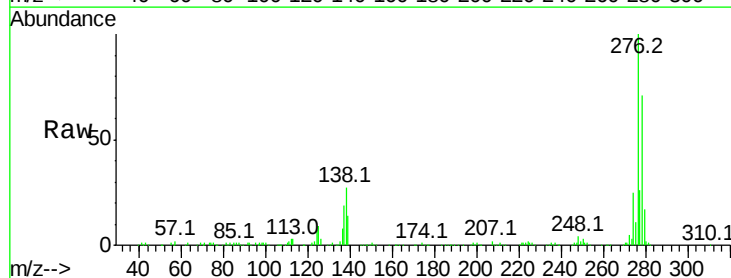
Instrument :
BNA_F
ClientSampleId :
SB-1MS

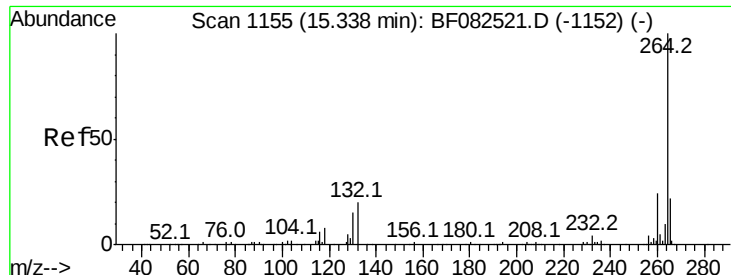
Tot Ion:149 Resp: 574571
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 7.7 11.5



#85
Indeno(1,2,3-cd)pyrene
Concen: 47.04 ng
RT: 16.64 min Scan# 1269
Delta R.T. -0.07 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:276 Resp: 460467
Ion Ratio Lower Upper
276 100
138 26.7 20.6 30.8
277 25.5 19.9 29.9

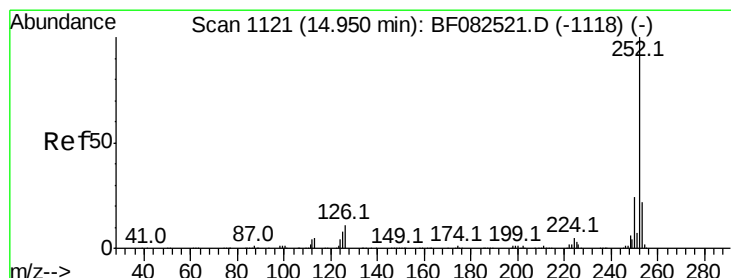
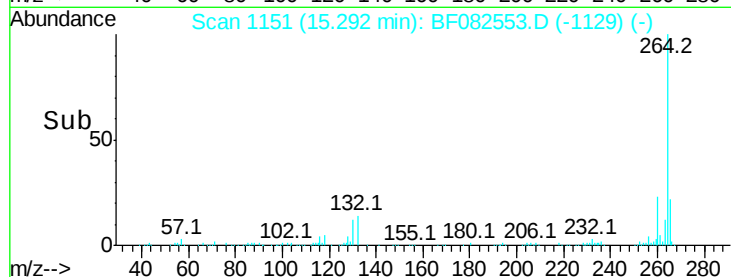
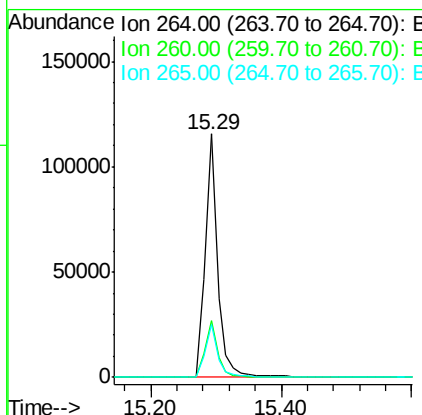
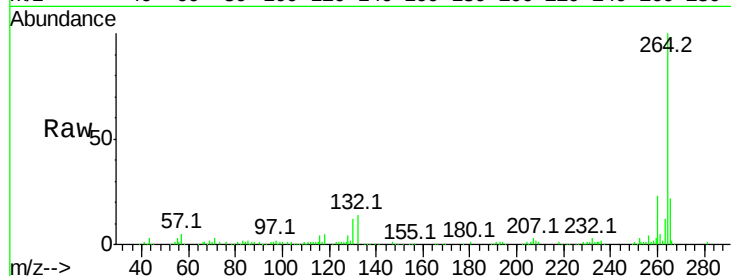




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

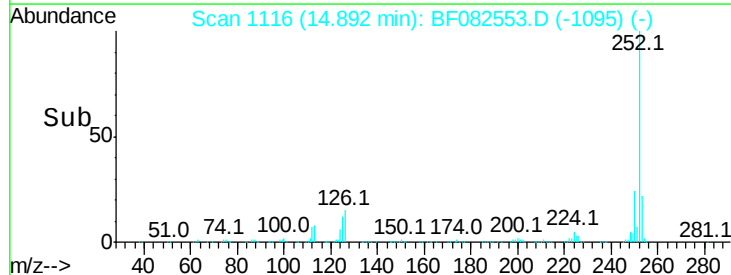
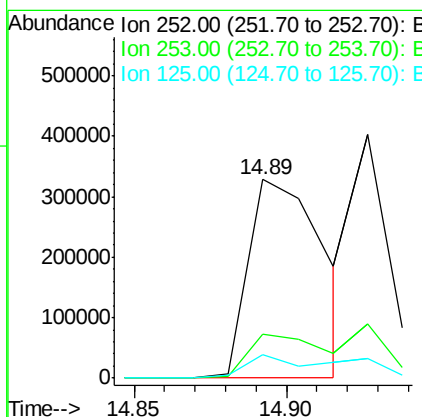
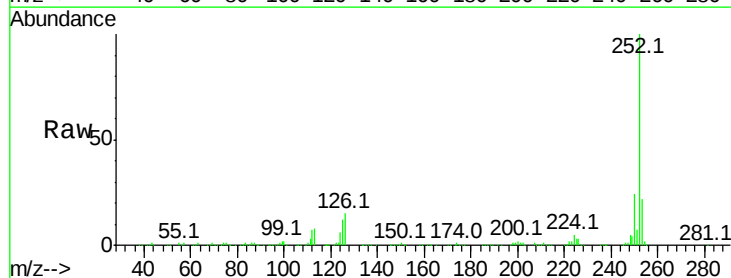
Instrument :
BNA_F
ClientSampleId :
SB-1MS

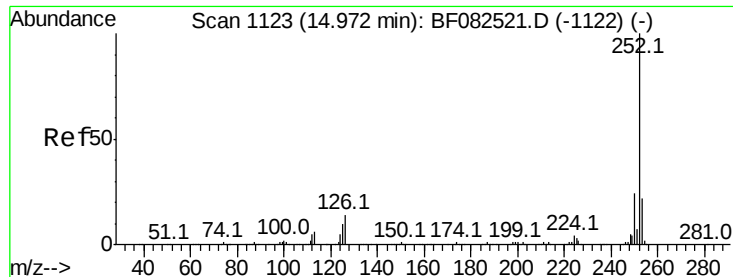
Tot Ion:264 Resp: 152933
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.6 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 61.71 ng m
RT: 14.89 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:252 Resp: 560466
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.7 6.6 10.0#

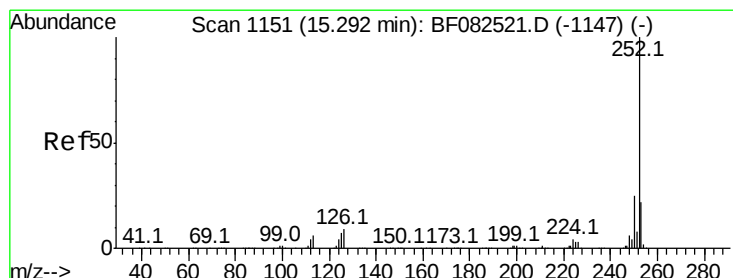
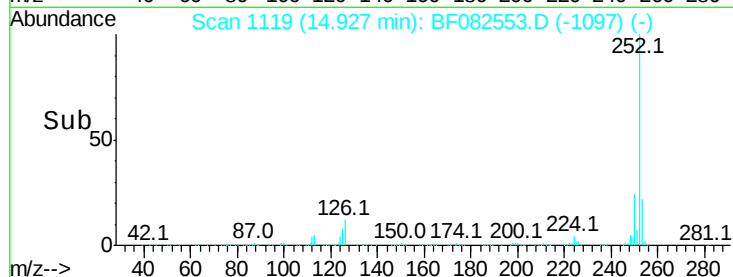
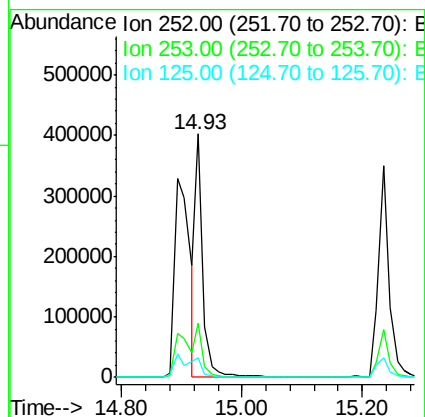
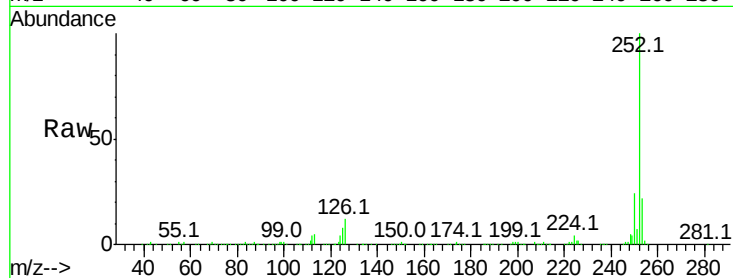




#88
Benzo(k)fluoranthene
Concen: 50.38 ng
RT: 14.93 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

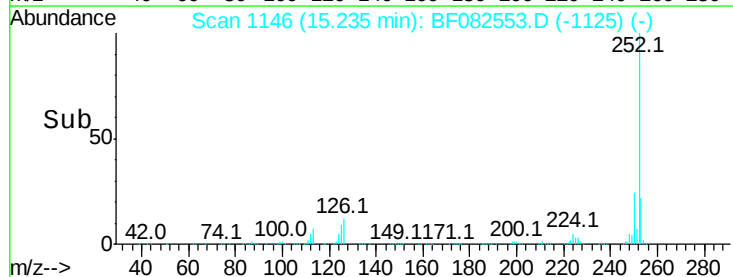
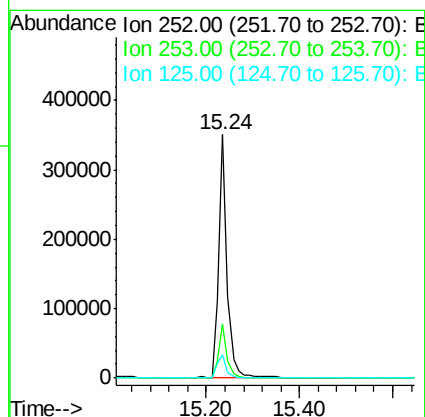
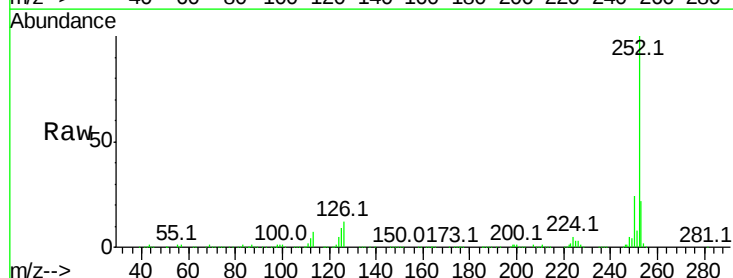
Instrument :
BNA_F
ClientSampled :
SB-1MS

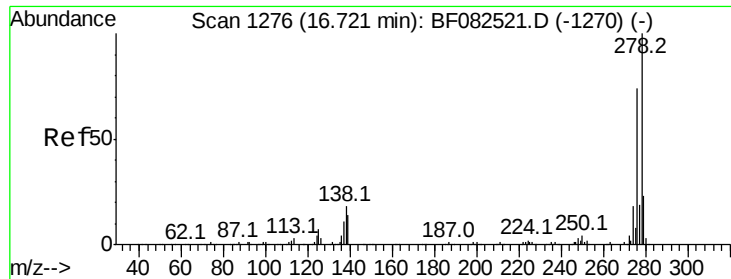
Tot Ion:252 Resp: 372999
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 7.9 8.7 13.1#



#89
Benzo(a)pyrene
Concen: 55.31 ng
RT: 15.24 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:252 Resp: 435194
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.5 5.9 8.9#





#90

Dibenzo(a,h)anthracene

Concen: 60.43 ng

RT: 16.65 min Scan# 1270

Delta R.T. -0.07 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

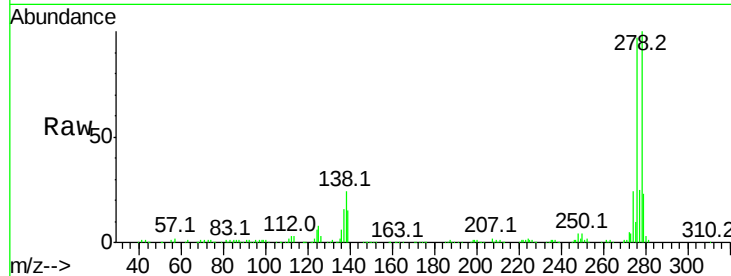
BNA_F

ClientSampleId :

SB-1MS

Tot Ion:278 Resp: 397804

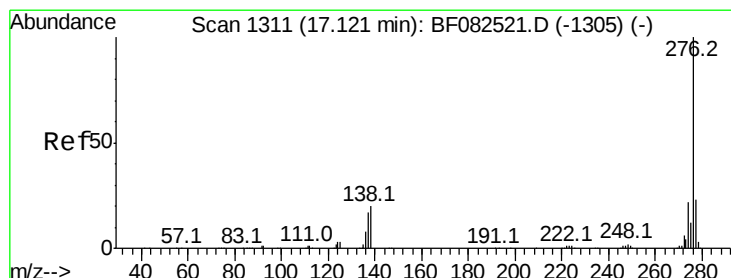
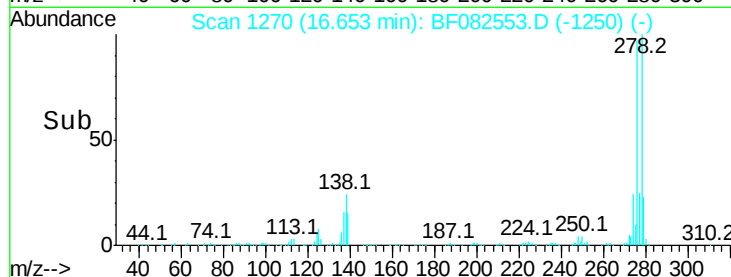
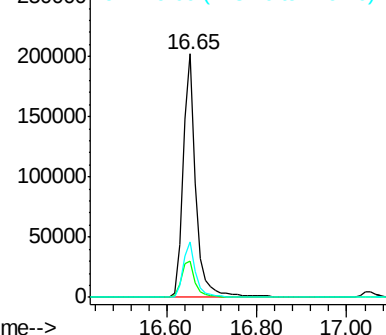
Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.6	17.4
279	23.0	18.7	28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 62.79 ng

RT: 17.05 min Scan# 1305

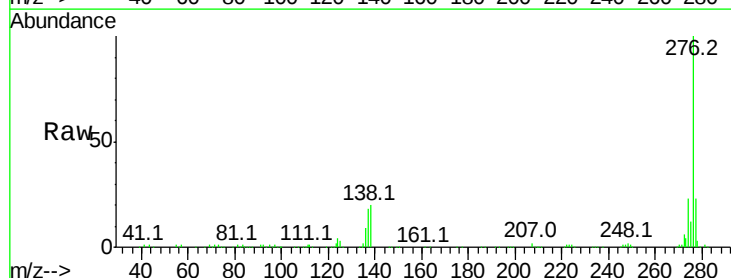
Delta R.T. -0.07 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:276 Resp: 408969

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	20.4	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

