

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082182.D
 Acq On : 10 Oct 2015 18:08
 Operator : UM/IZ
 Sample : G3974-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 02:07:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	91416	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	359362	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185539	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	353635	20.00	ng	0.00
75) Chrysene-d12	14.01	240	307385	20.00	ng	0.00
86) Perylene-d12	15.44	264	247055	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	710464	156.85	ng	0.02
7) Phenol-d6	6.48	99	870039	147.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	586426	109.59	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	244751	140.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1110087	99.22	ng	0.00
78) Terphenyl-d14	12.96	244	1063116	91.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	94567	41.55	ng	99
3) Pyridine	3.21	79	251774	47.57	ng	99
4) n-Nitrosodimethylamine	3.19	42	109817	48.92	ng	98
6) Aniline	6.50	93	135151	17.78	ng	# 47
8) 2-Chlorophenol	6.63	128	281498	50.91	ng	95
9) Benzaldehyde	6.39	77	180329	59.91	ng	100
10) Phenol	6.49	94	287299	42.27	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	281393	48.96	ng	98
12) 1,3-Dichlorobenzene	6.78	146	301227	46.78	ng	98
13) 1,4-Dichlorobenzene	6.86	146	317502	47.21	ng	99
14) 1,2-Dichlorobenzene	7.01	146	280142	43.87	ng	98
15) Benzyl Alcohol	6.99	79	213927	52.57	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	372347	46.53	ng	97
17) 2-Methylphenol	7.11	107	220103	50.34	ng	98
18) Hexachloroethane	7.35	117	105130	45.67	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	194395	46.96	ng	98
20) 3+4-Methylphenols	7.26	107	254698	48.88	ng	97
22) Acetophenone	7.26	105	358900	50.49	ng	98
24) Nitrobenzene	7.43	77	262431	45.31	ng	98
25) Isophorone	7.67	82	524921	48.60	ng	99
26) 2-Nitrophenol	7.75	139	161414	55.81	ng	98
27) 2,4-Dimethylphenol	7.78	122	219864	47.18	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	334406	53.21	ng	99
29) 2,4-Dichlorophenol	7.99	162	255065	54.76	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	264861	49.33	ng	99
31) Naphthalene	8.15	128	846583	54.35	ng	100
32) Benzoic acid	7.78	122	219864	70.30	ng	# 16
33) 4-Chloroaniline	8.21	127	55019	8.50	ng	98
34) Hexachlorobutadiene	8.26	225	162975	48.71	ng	98
35) Caprolactam	8.63	113	34135	25.25	ng	87
36) 4-Chloro-3-methylphenol	8.70	107	255967	56.19	ng	92
37) 2-Methylnaphthalene	8.85	142	577645	53.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	250066	45.31	ng	98
40) Hexachlorocyclopentadiene	8.99	237	255697	90.37	ng	99

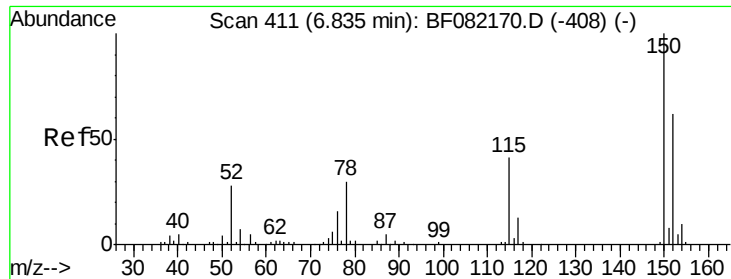
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082182.D
 Acq On : 10 Oct 2015 18:08
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	168370	45.93	nq	96
43) 2,4,5-Trichlorophenol	9.17	196	191746	48.29	nq	96
45) 1,1'-Biphenyl	9.30	154	638063	45.10	nq	99
46) 2-Chloronaphthalene	9.34	162	531156	47.69	nq	100
47) 2-Nitroaniline	9.43	65	147031	48.09	nq	99
48) Acenaphthylene	9.75	152	805421	46.42	nq	100
49) Dimethylphthalate	9.61	163	863064	66.06	nq	100
50) 2,6-Dinitrotoluene	9.68	165	134603	48.83	nq	# 89
51) Acenaphthene	9.92	154	514385	49.38	nq	99
52) 3-Nitroaniline	9.85	138	57600	18.50	nq	97
53) 2,4-Dinitrophenol	9.95	184	42702	31.90	nq	98
54) Dibenzofuran	10.09	168	689833	48.24	nq	98
55) 4-Nitrophenol	10.02	139	189381	85.58	nq	94
56) 2,4-Dinitrotoluene	10.08	165	160063	46.45	nq	90
57) Fluorene	10.43	166	561959	47.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	149980	46.23	nq	98
59) Diethylphthalate	10.31	149	566536	46.52	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	247882	46.07	nq	98
61) 4-Nitroaniline	10.47	138	133109	44.07	nq	100
62) Azobenzene	10.58	77	552325	46.34	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	84835	42.75	nq	89
65) n-Nitrosodiphenylamine	10.55	169	472432	44.62	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	162309	45.86	nq	98
67) Hexachlorobenzene	10.98	284	179998	47.03	nq	97
68) Atrazine	11.07	200	145383	43.34	nq	98
69) Pentachlorophenol	11.18	266	190462	96.70	nq	99
70) Phenanthrene	11.40	178	809032	46.67	nq	100
71) Anthracene	11.45	178	905048	50.67	nq	99
72) Carbazole	11.61	167	754747	46.32	nq	97
73) Di-n-butylphthalate	11.93	149	888146	44.18	nq	100
74) Fluoranthene	12.58	202	851540	45.74	nq	99
76) Benzidine	12.71	184	264453	29.69	nq	98
77) Pyrene	12.81	202	839421	46.02	nq	100
79) Butylbenzylphthalate	13.43	149	382475	45.94	nq	96
80) Benzo(a)anthracene	14.00	228	739209	46.22	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	120944	19.92	nq	99
82) Chrysene	14.04	228	701545	41.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	560025	47.15	nq	100
84) Di-n-octyl phthalate	14.61	149	909906	44.61	nq	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	596291	44.52	nq	99
87) Benzo(b)fluoranthene	15.06	252	1304498	86.79	nq	98
88) Benzo(k)fluoranthene	15.06	252	1305222	103.31	nq	99
89) Benzo(a)pyrene	15.38	252	609580	47.19	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	501174	47.34	nq	99
91) Benzo(g,h,i)perylene	17.28	276	489574	47.61	nq	99

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

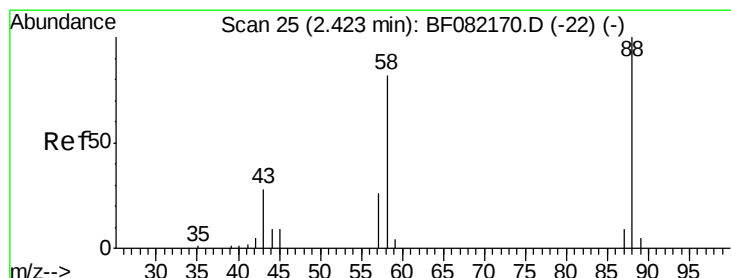
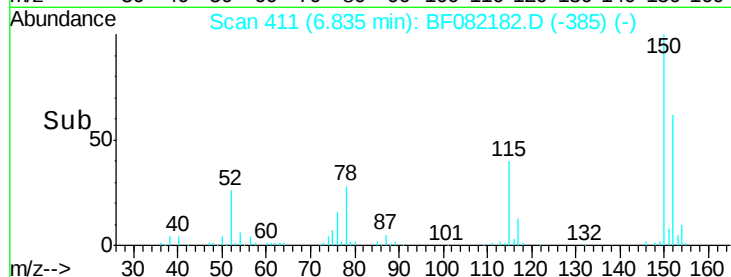
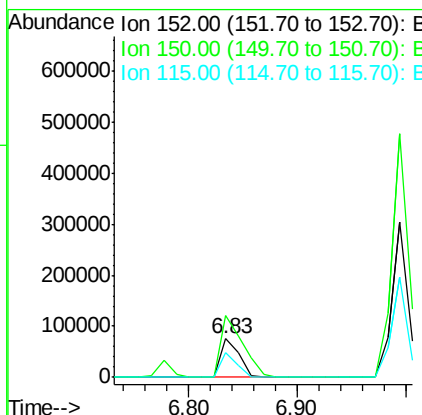
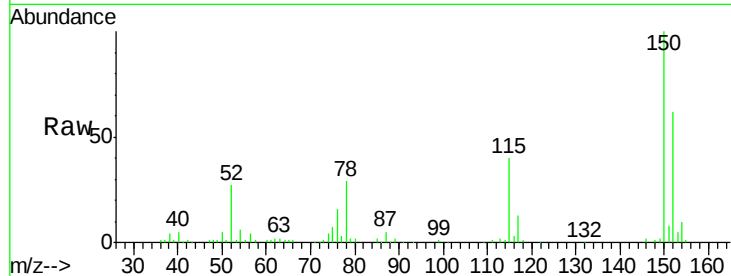


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Instrument :
BNA_F
ClientSampleId :

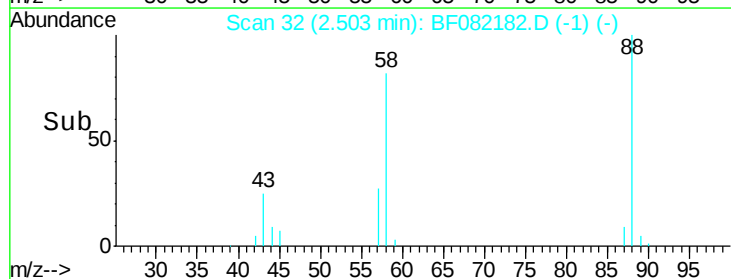
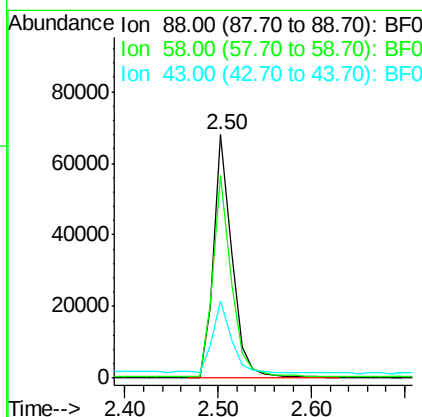
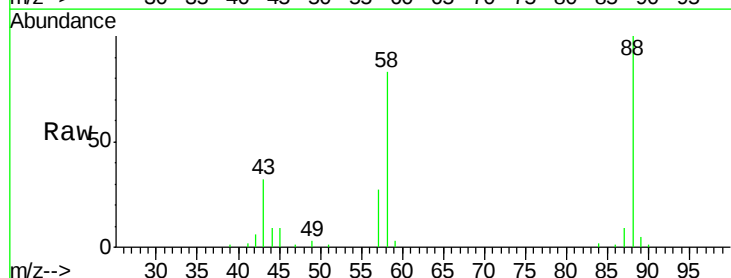
Tot Ion:152 Resp: 91416
Ion Ratio Lower Upper
152 100
150 160.8 129.0 193.4
115 65.0 52.1 78.1

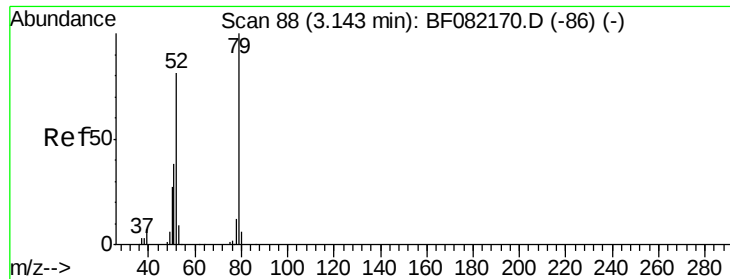


#2

1,4-Dioxane
Concen: 41.55 ng
RT: 2.50 min Scan# 32
Delta R.T. 0.08 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion: 88 Resp: 94567
Ion Ratio Lower Upper
88 100
58 81.5 66.2 99.4
43 29.0 23.0 34.4





#3

Pvridine

Concen: 47.57 ng

RT: 3.21 min Scan# 94

Delta R.T. 0.07 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

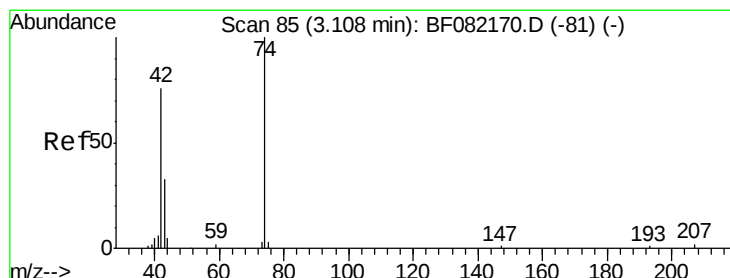
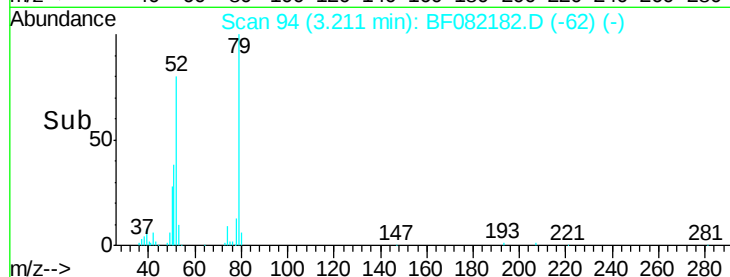
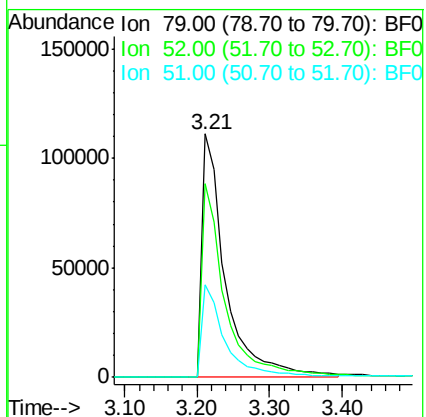
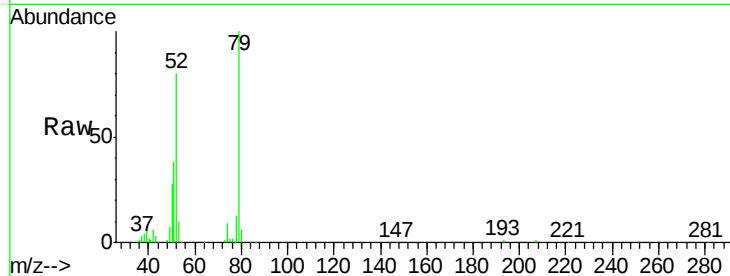
Tot Ion: 79 Resp: 251774

Ion Ratio Lower Upper

79 100

52 79.7 64.4 96.6

51 38.2 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 48.92 ng

RT: 3.19 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

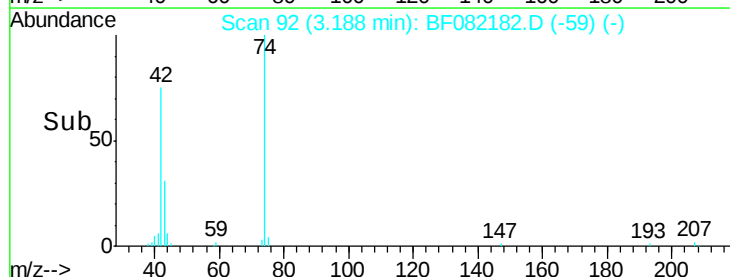
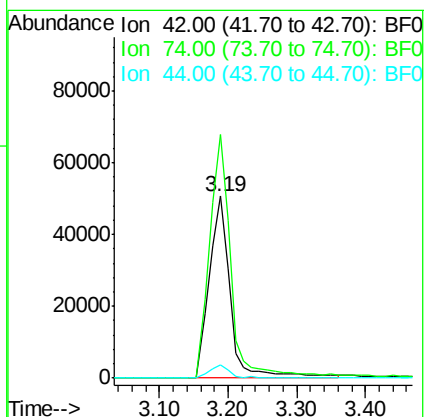
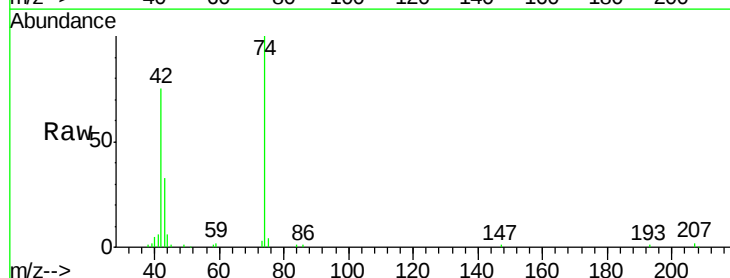
Tgt Ion: 42 Resp: 109817

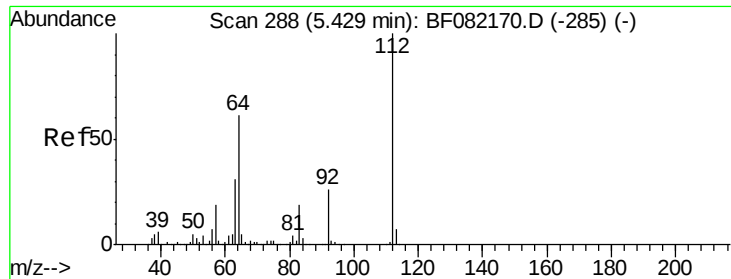
Ion Ratio Lower Upper

42 100

74 133.9 105.7 158.5

44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 156.85 ng

RT: 5.45 min Scan# 290

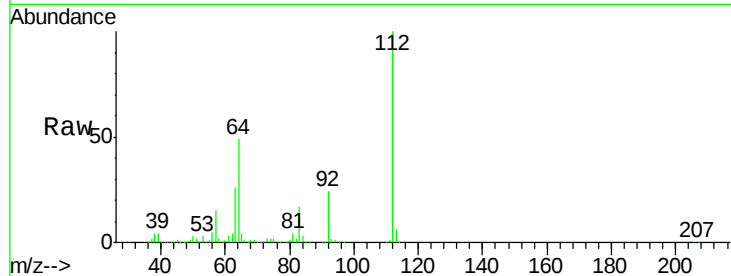
Delta R.T. 0.02 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :
BNA_F
ClientSampleId :

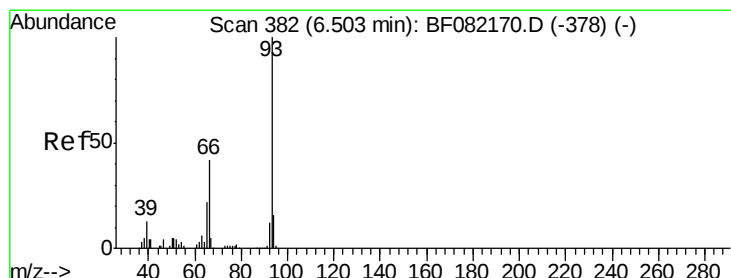
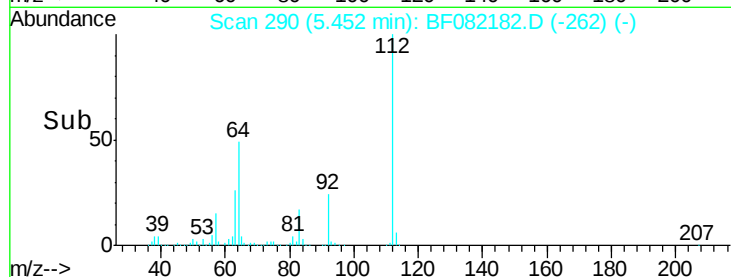
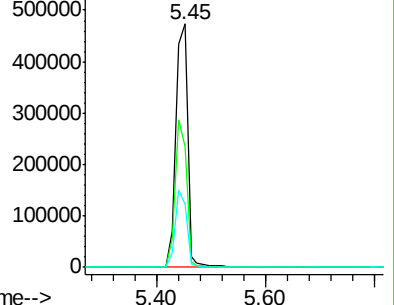
Tot Ion:	112	Resp:	710464
Ion	Ratio	Lower	Upper
112	100		
64	49.5	48.6	73.0
63	25.7	25.1	37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.78 ng

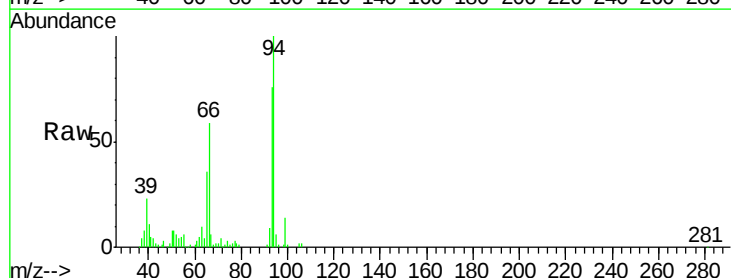
RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

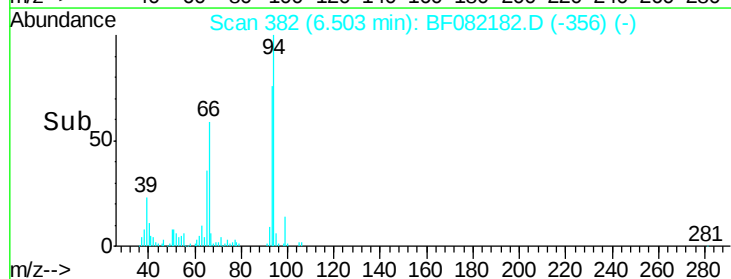
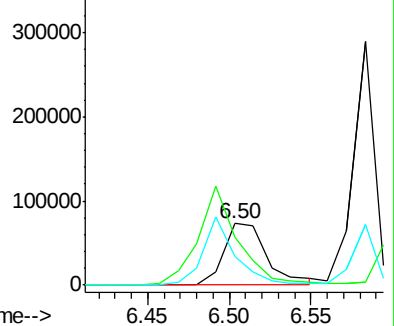
Tgt Ion:	93	Resp:	135151
Ion	Ratio	Lower	Upper
93	100		
66	76.7	34.2	51.2#
65	47.2	17.9	26.9#

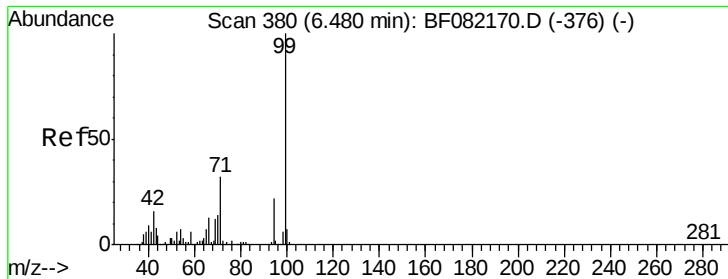


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.60 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

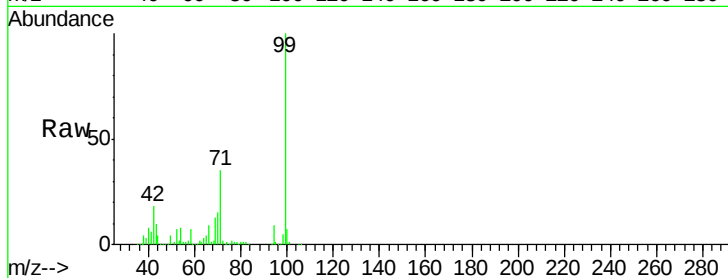
Tot Ion: 99 Resp: 870039

Ion Ratio Lower Upper

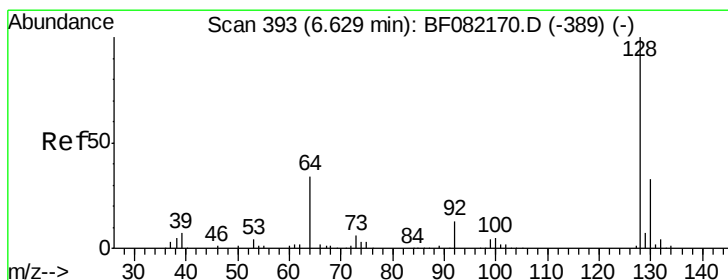
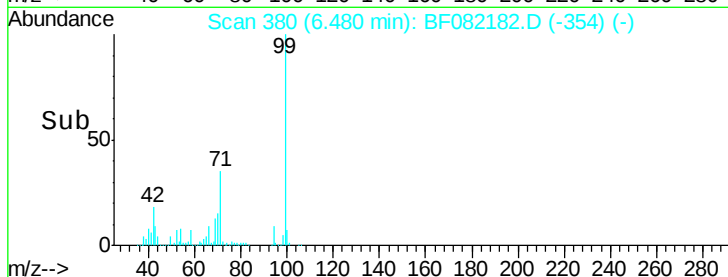
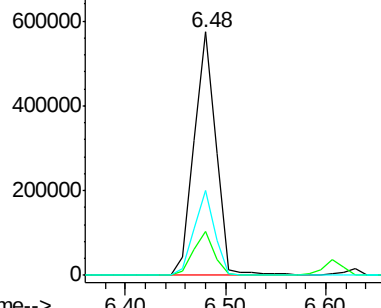
99 100

42 18.1 13.2 19.8

71 34.6 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.91 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

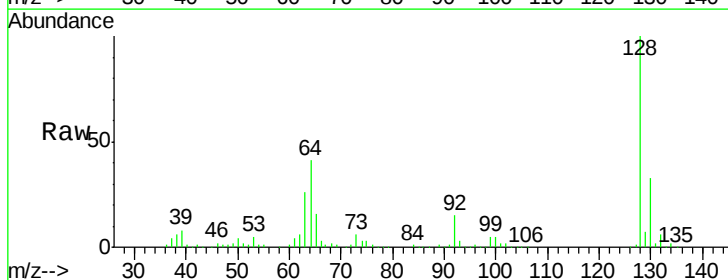
Tgt Ion: 128 Resp: 281498

Ion Ratio Lower Upper

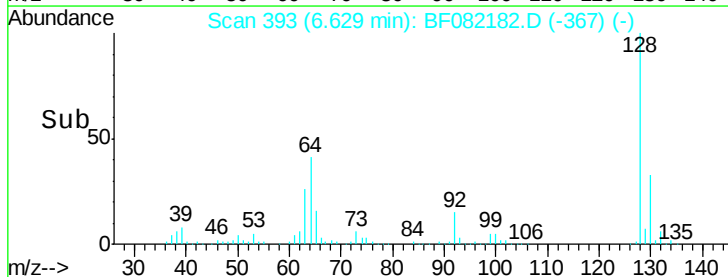
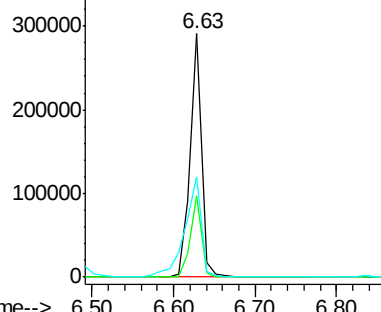
128 100

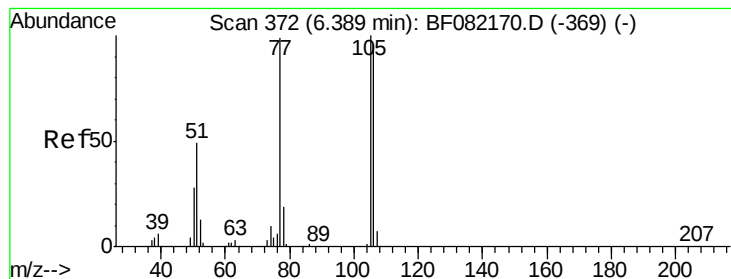
130 33.5 12.6 52.6

64 41.0 16.7 56.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 59.91 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampled :

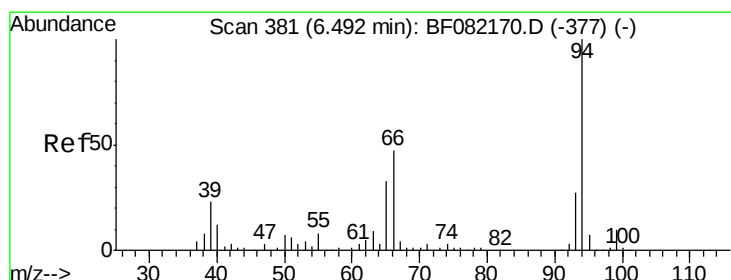
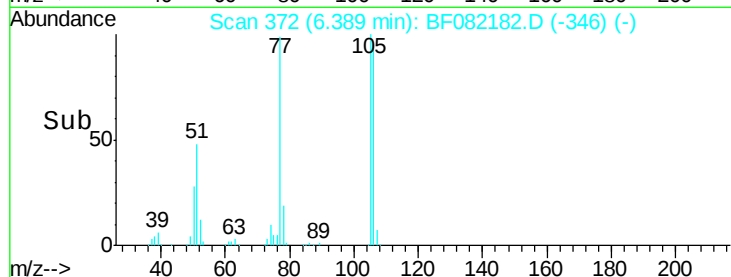
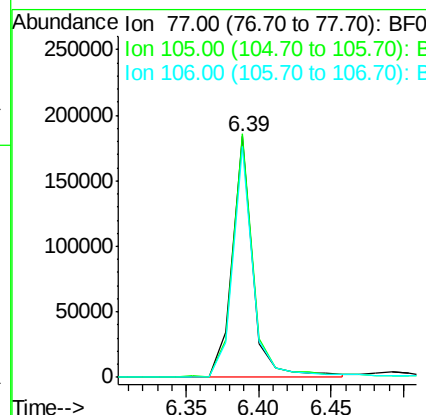
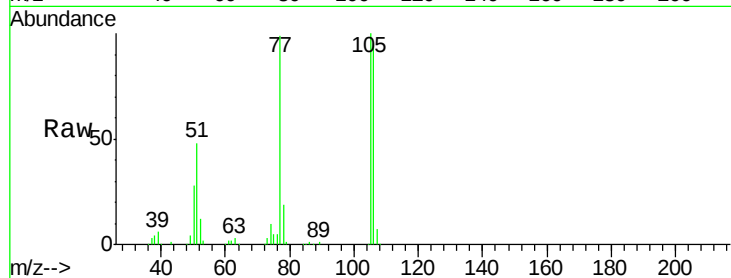
Tot Ion: 77 Resp: 180329

Ion Ratio Lower Upper

77 100

105 101.1 80.6 120.6

106 95.7 75.5 115.5



#10

Phenol

Concen: 42.27 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

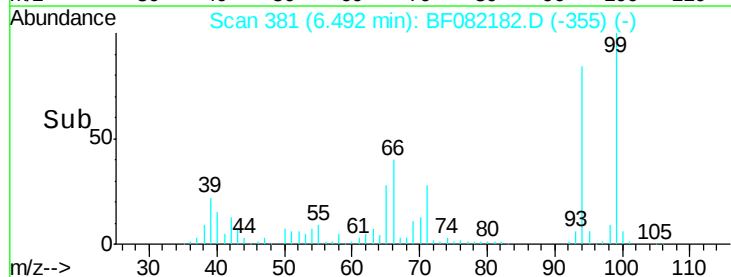
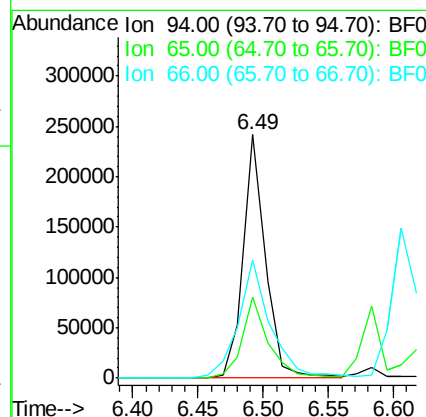
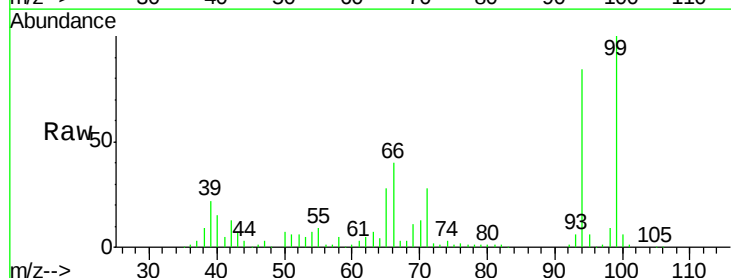
Tgt Ion: 94 Resp: 287299

Ion Ratio Lower Upper

94 100

65 33.5 12.6 52.6

66 48.4 27.3 67.3

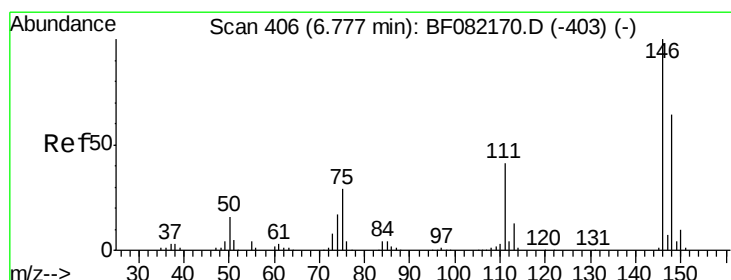
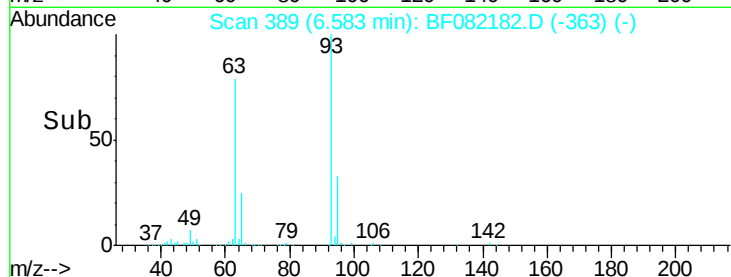
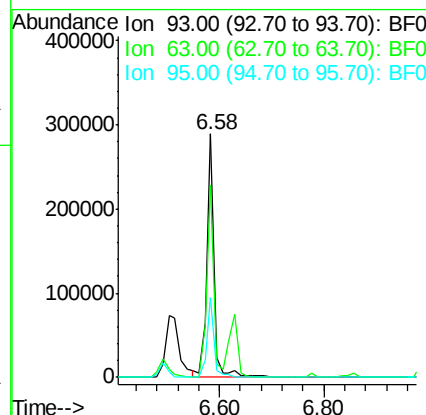
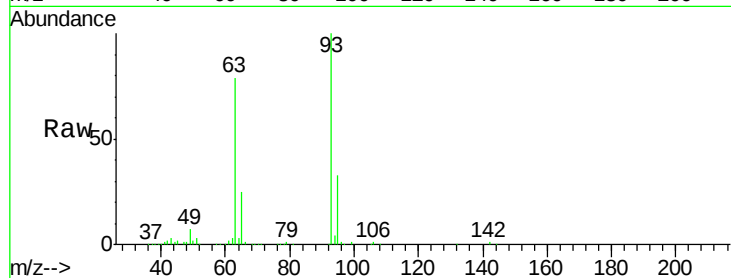




#11
 bis(2-Chloroethyl)ether
 Concen: 48.96 ng
 RT: 6.58 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

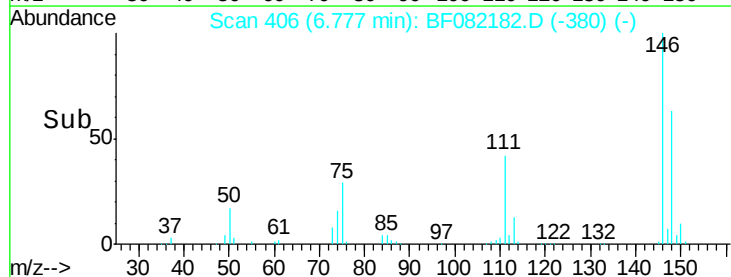
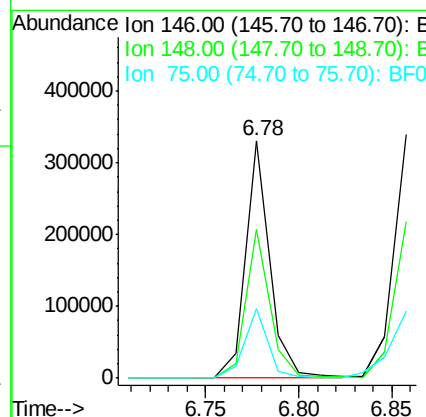
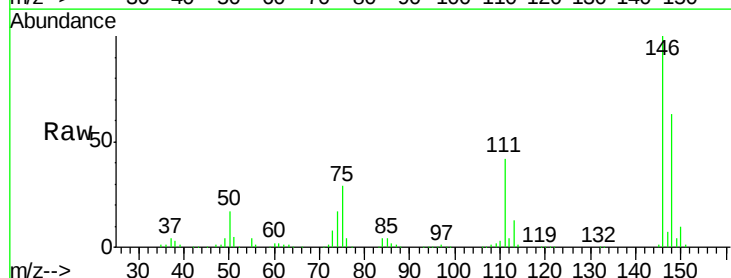
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.3	57.1	97.1
95	32.5	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 46.78 ng
 RT: 6.78 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
75	29.2	23.0	34.6

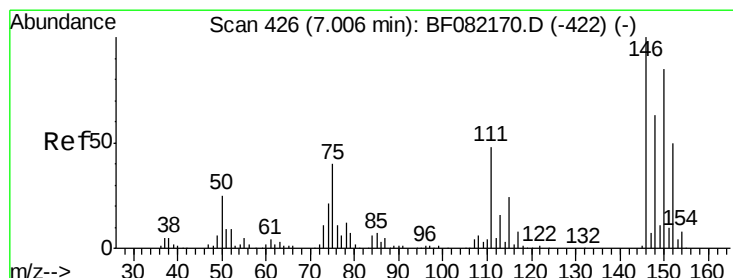
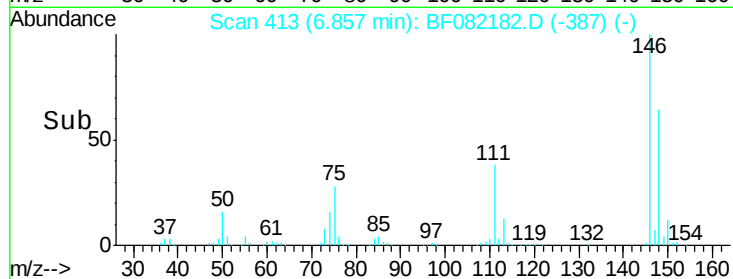
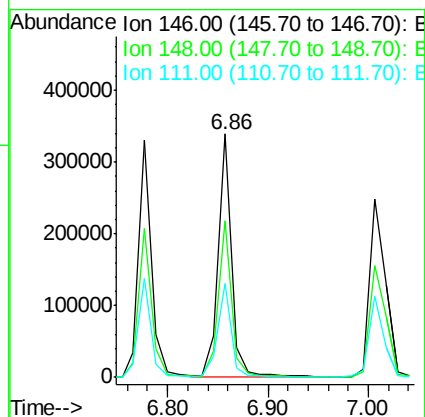
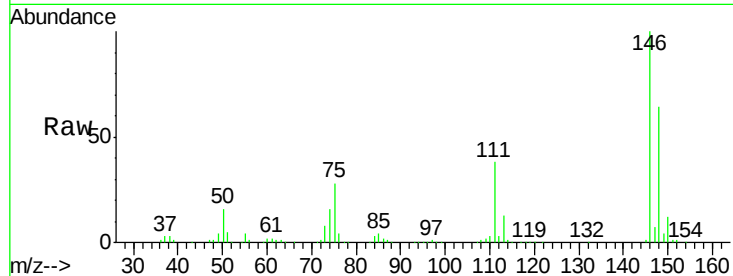




#13
 1,4-Dichlorobenzene
 Concen: 47.21 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

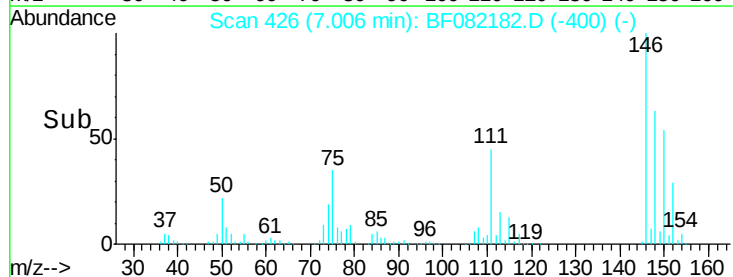
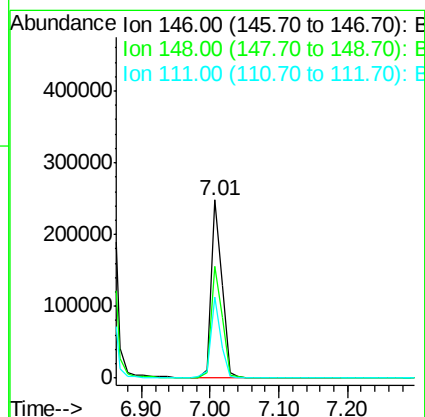
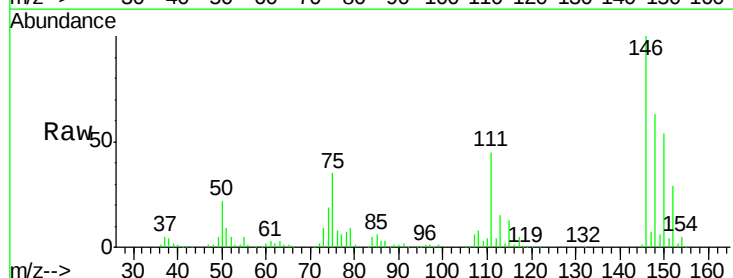
Instrument :
 BNA_F
 ClientSampleId :

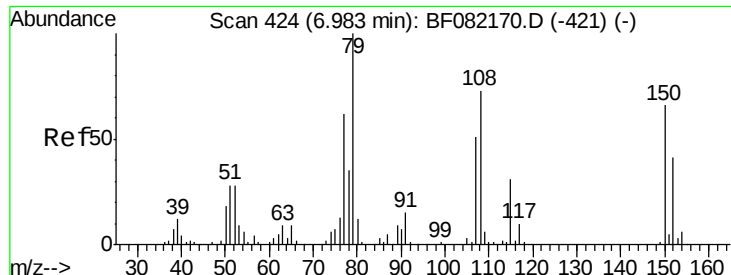
Tot Ion:146 Resp: 317502
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.4
 111 38.3 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 43.87 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion:146 Resp: 280142
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.5 75.7
 111 45.3 38.5 57.7





#15

Benzyl Alcohol

Concen: 52.57 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampled :

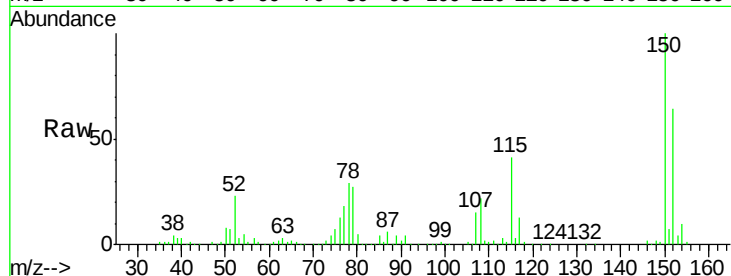
Tot Ion: 79 Resp: 213927

Ion Ratio Lower Upper

79 100

108 80.2 58.4 87.6

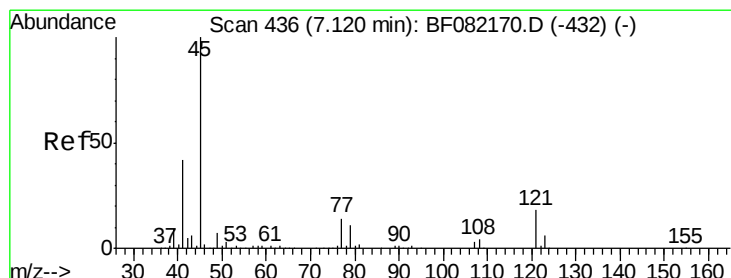
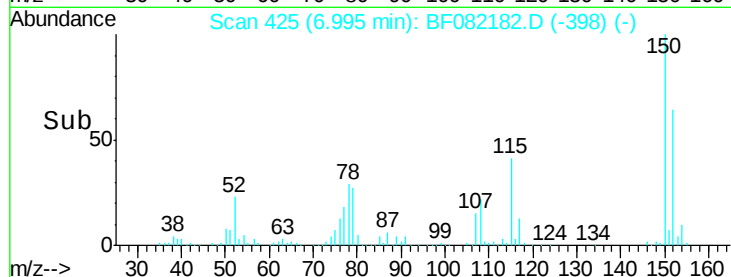
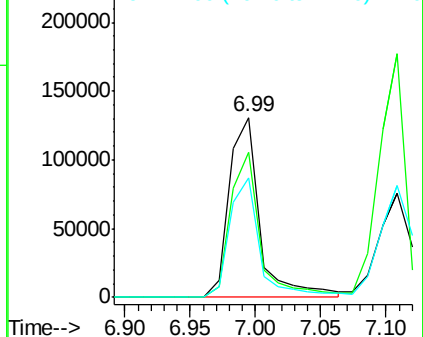
77 65.9 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.53 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

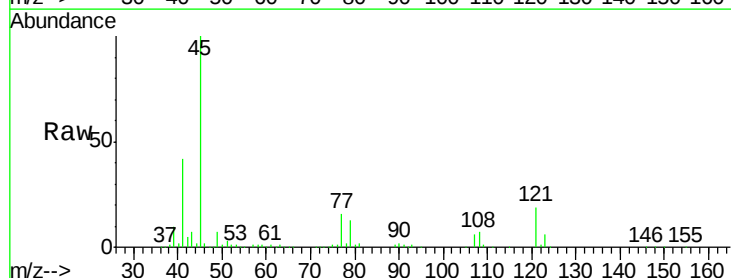
Tgt Ion: 45 Resp: 372347

Ion Ratio Lower Upper

45 100

77 15.8 0.0 34.5

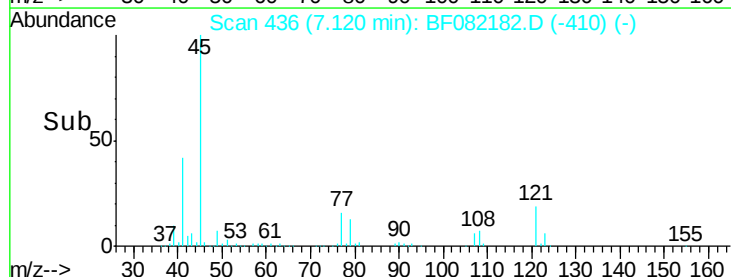
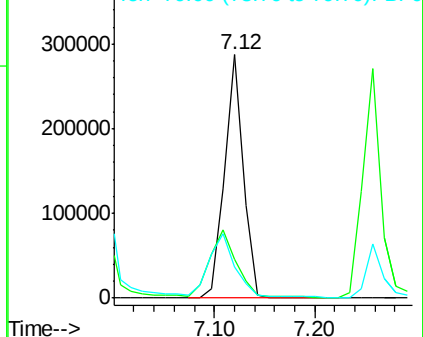
79 12.8 0.0 31.6

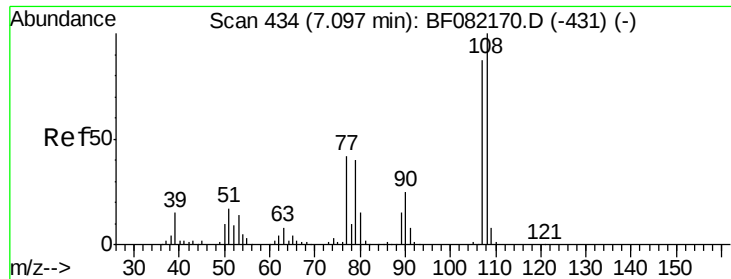


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 50.34 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 220103

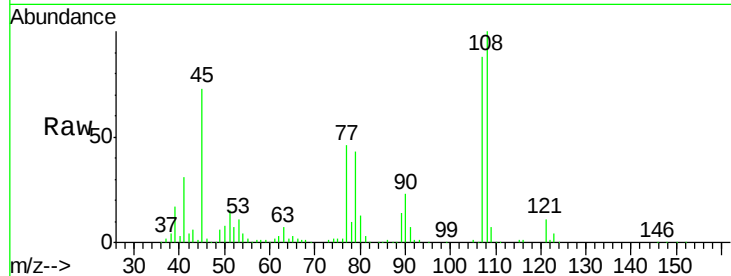
Ion Ratio Lower Upper

107 100

108 113.3 92.2 138.2

77 52.0 39.6 59.4

79 48.4 38.2 57.4

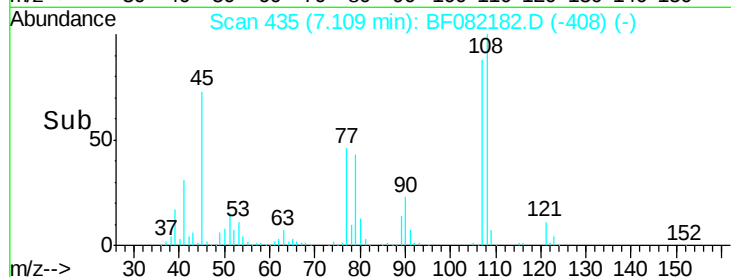


Abundance Ion 107.00 (106.70 to 107.70): E

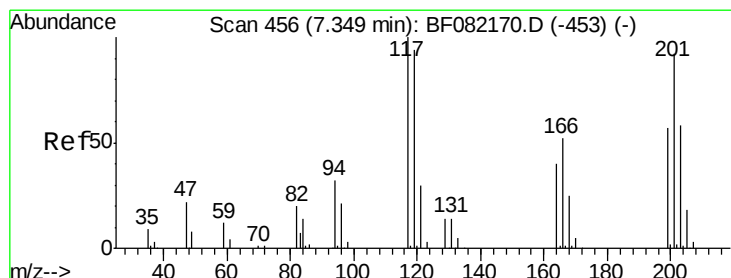
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 45.67 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

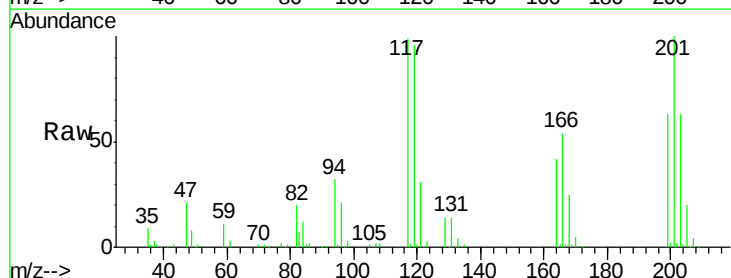
Tgt Ion:117 Resp: 105130

Ion Ratio Lower Upper

117 100

119 97.1 75.4 113.2

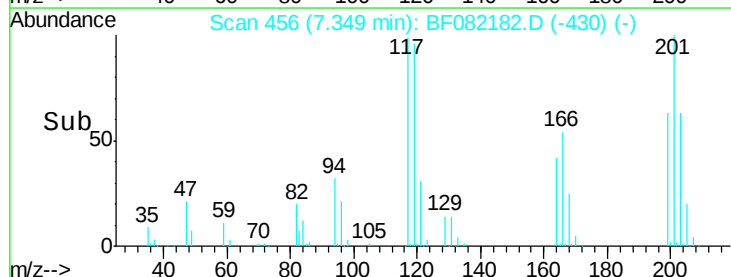
201 101.4 73.4 110.0



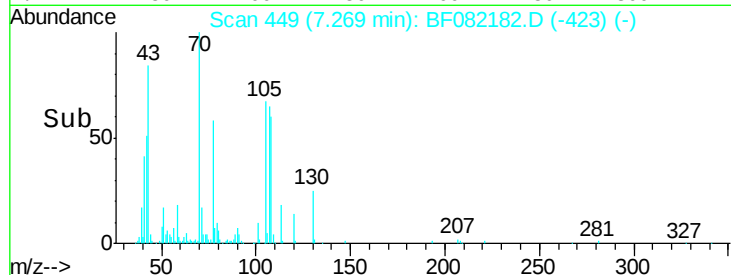
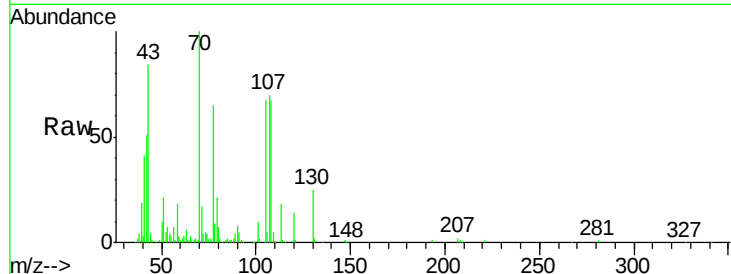
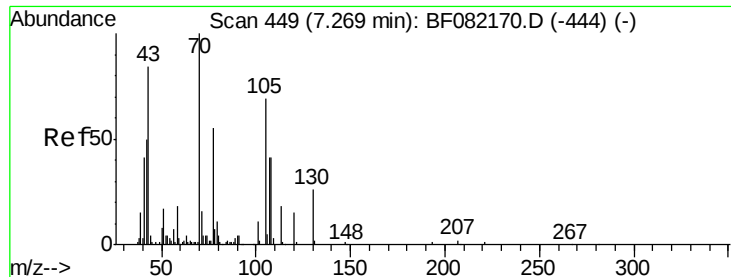
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



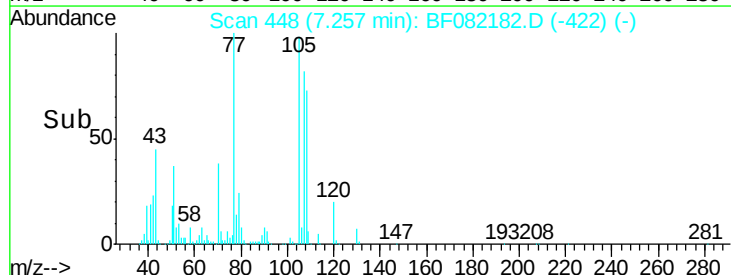
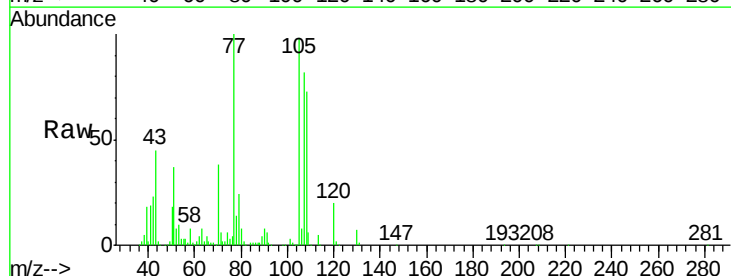
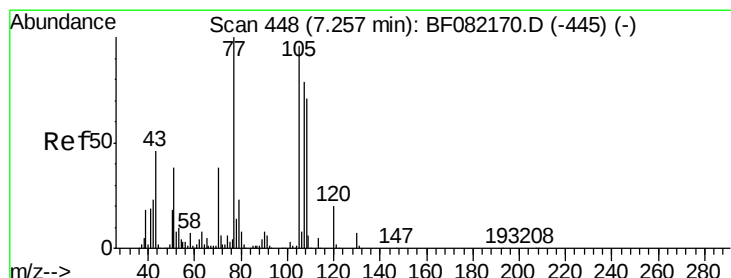
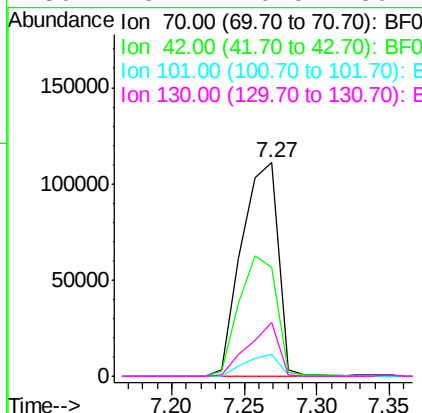
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 46.96 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

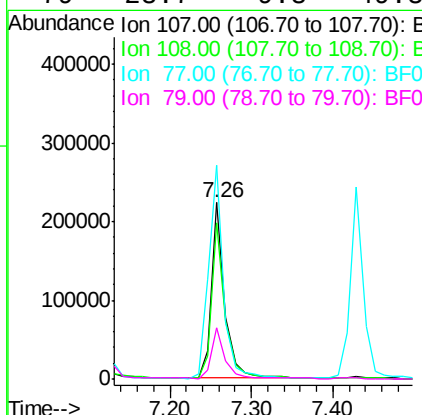
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	194395
Ion	Ratio	Lower	Upper
70	100		
42	51.2	39.8	59.8
101	10.3	8.6	13.0
130	25.2	20.5	30.7



#20
3+4-Methylphenols
Concen: 48.88 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:	107	Resp:	254698
Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.9	109.9
77	121.3	106.0	146.0
79	28.7	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 359362

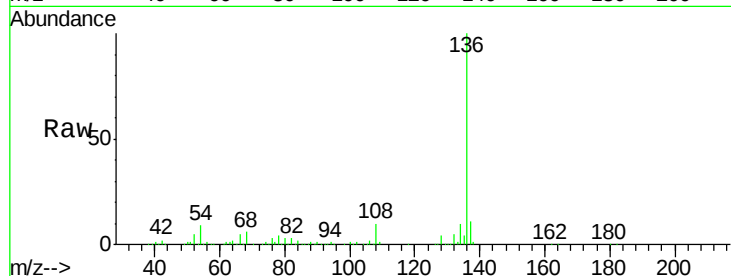
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.7 7.5 11.3

68 5.7 4.6 7.0

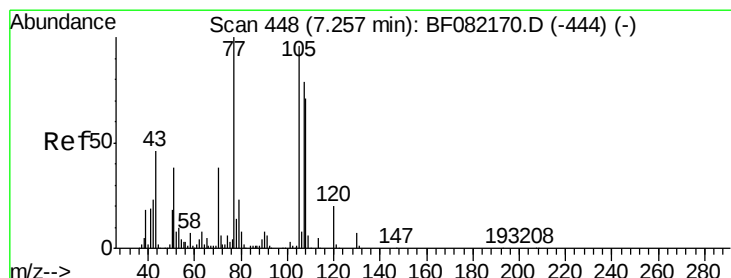
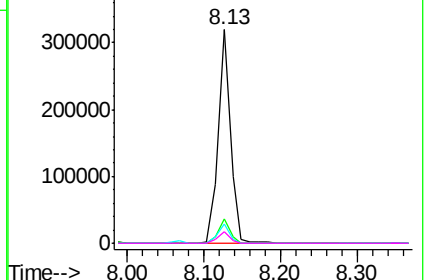
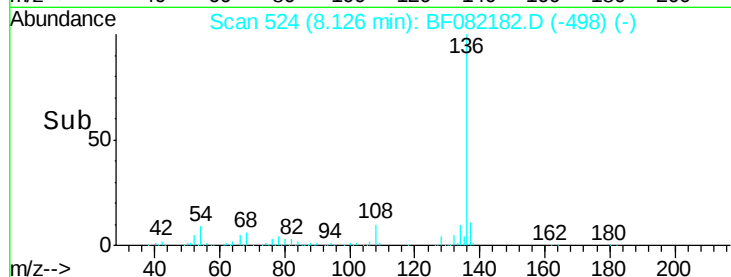


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.49 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Tgt Ion:105 Resp: 358900

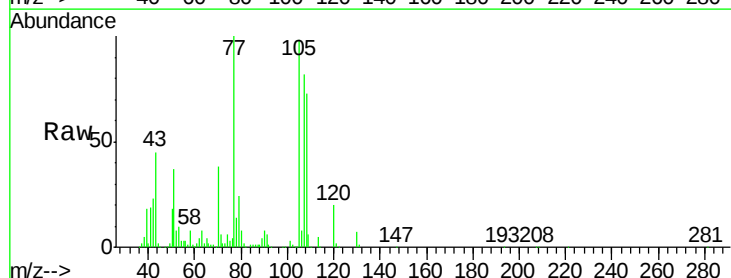
Ion Ratio Lower Upper

105 100

71 6.3 5.4 8.0

51 37.5 31.8 47.6

120 20.8 16.3 24.5

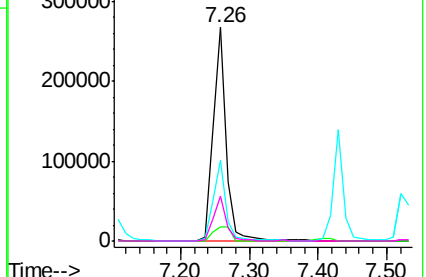
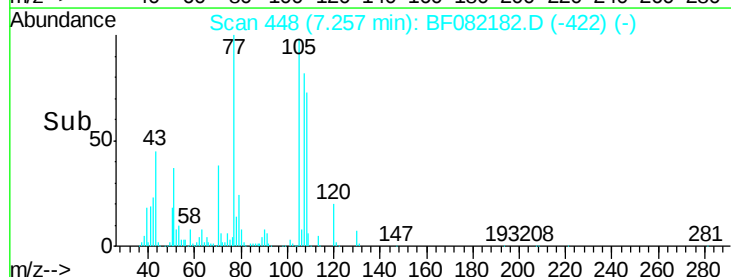


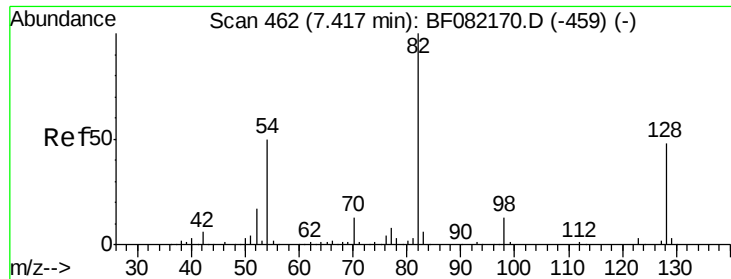
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

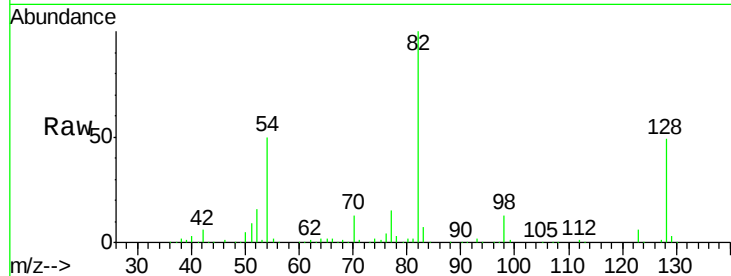




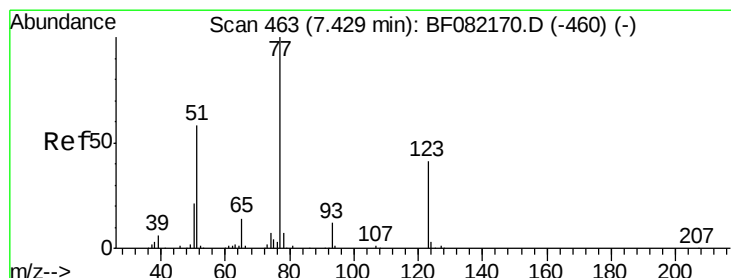
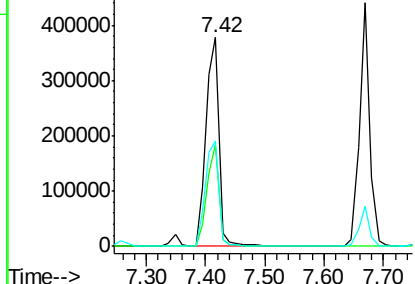
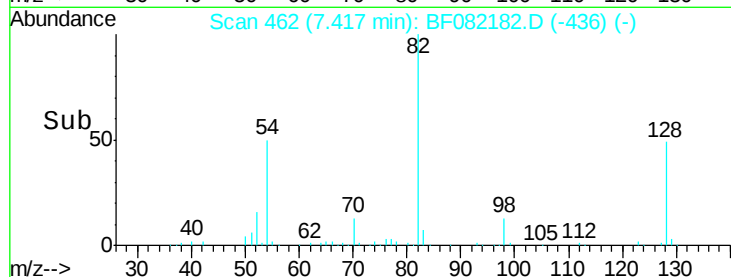
#23
 Nitrobenzene-d5
 Concen: 109.59 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 586426
 Ion Ratio Lower Upper
 82 100
 128 49.0 38.7 58.1
 54 50.4 40.1 60.1

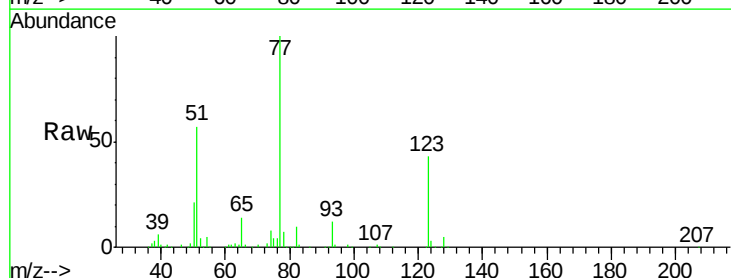


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

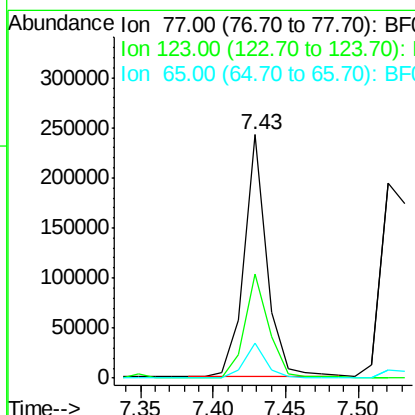
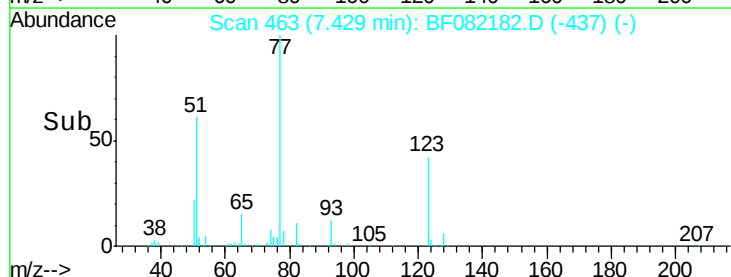


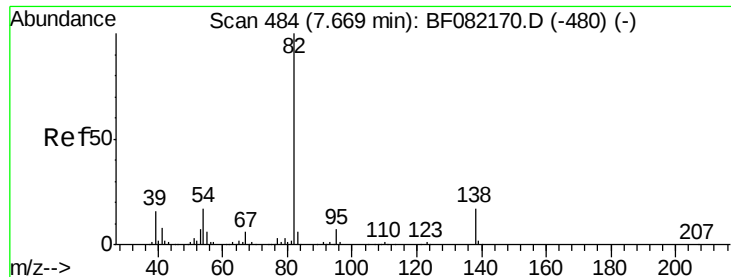
#24
 Nitrobenzene
 Concen: 45.31 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion: 77 Resp: 262431
 Ion Ratio Lower Upper
 77 100
 123 43.0 33.0 49.4
 65 14.2 11.2 16.8



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





#25

Isophorone

Concen: 48.60 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

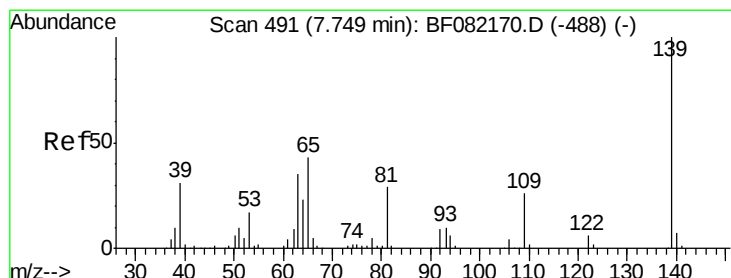
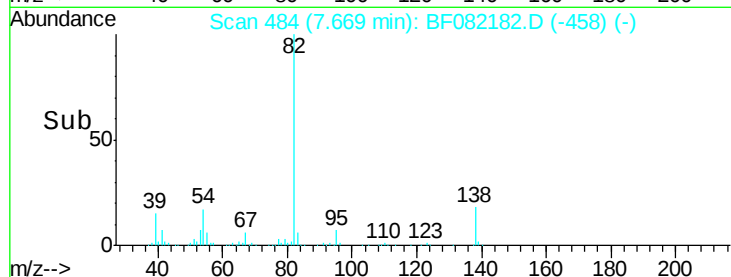
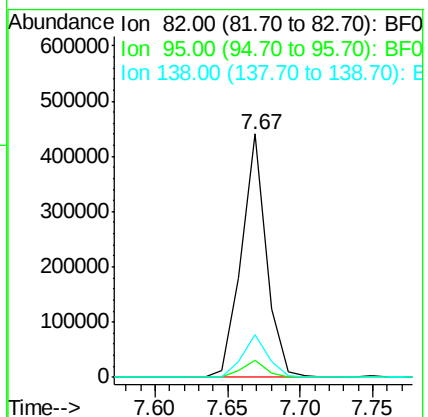
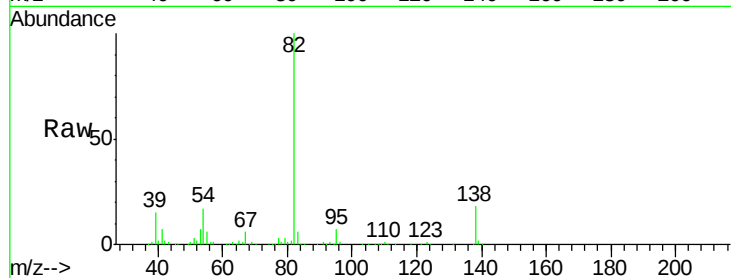
Tot Ion: 82 Resp: 524921

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.7 13.6 20.4



#26

2-Nitrophenol

Concen: 55.81 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

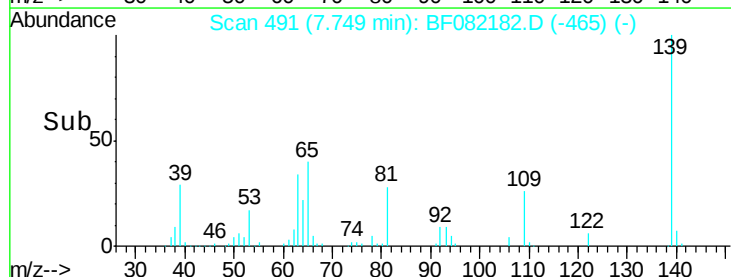
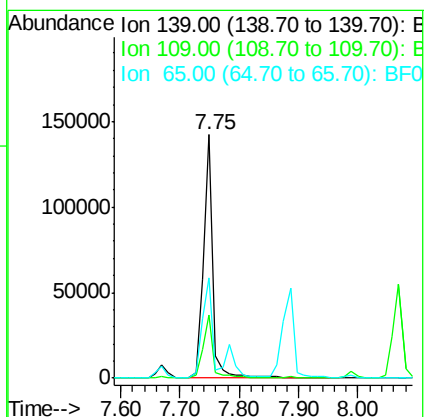
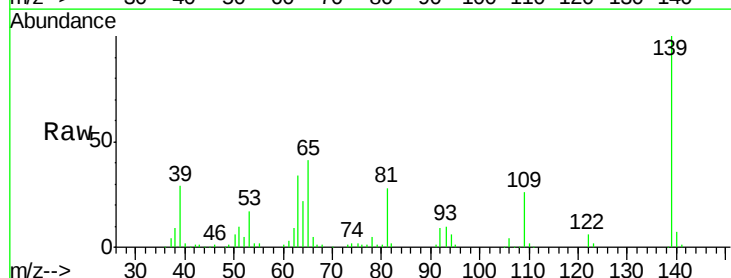
Tgt Ion: 139 Resp: 161414

Ion Ratio Lower Upper

139 100

109 25.9 20.6 31.0

65 41.3 34.3 51.5

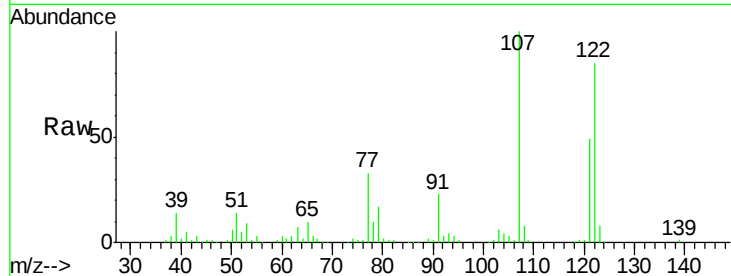




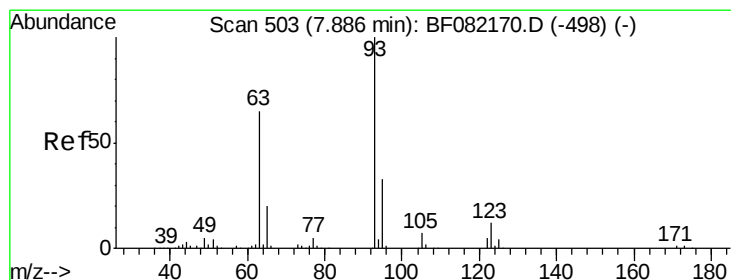
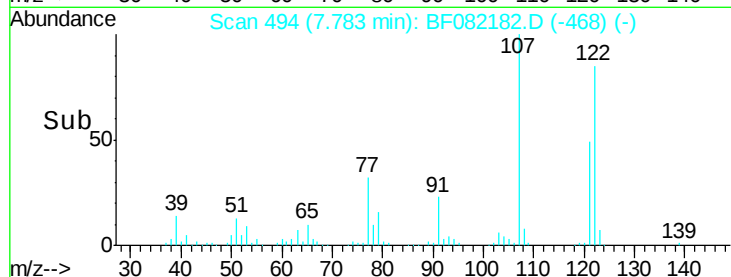
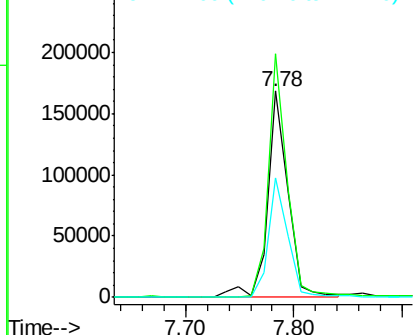
#27
 2,4-Dimethylphenol
 Concen: 47.18 ng
 RT: 7.78 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 219864
 Ion Ratio Lower Upper
 122 100
 107 118.1 94.0 141.0
 121 57.9 46.8 70.2

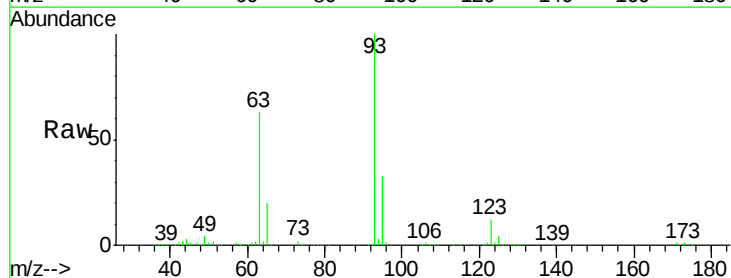


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

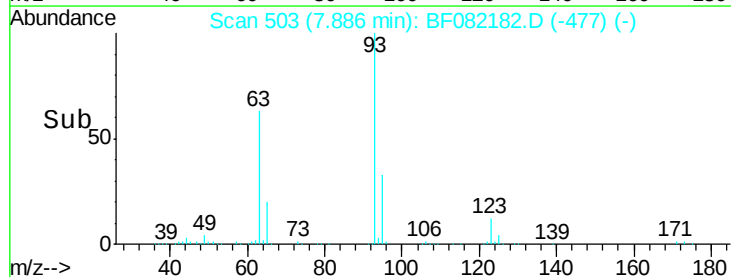
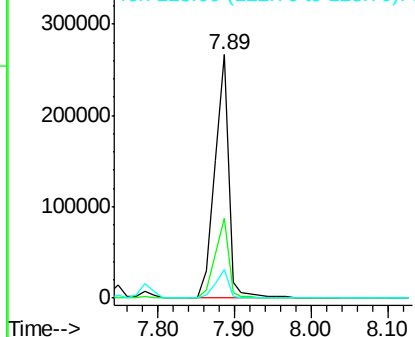


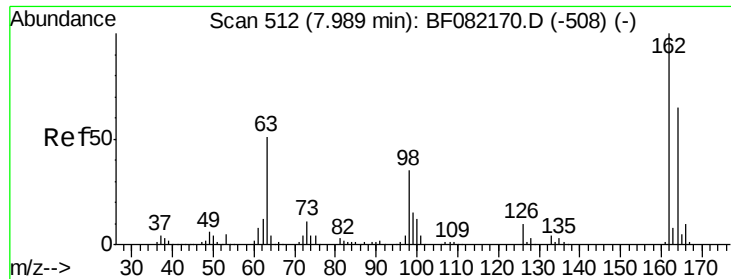
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.21 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion: 93 Resp: 334406
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 39.8
 123 11.5 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

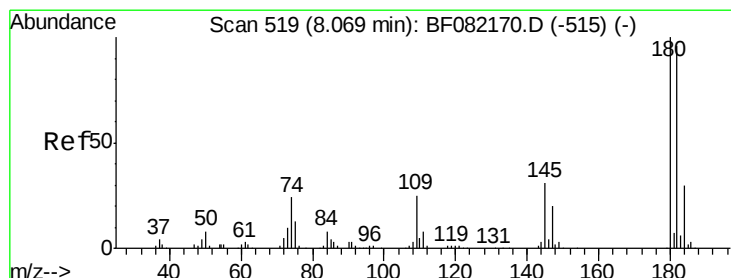
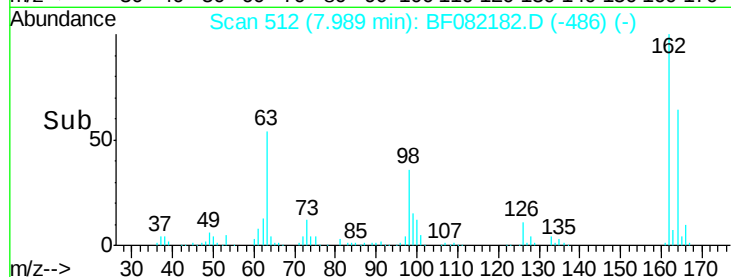
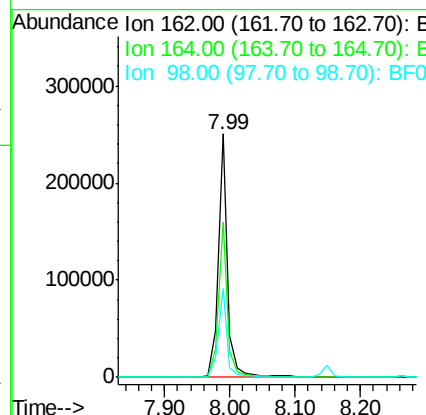
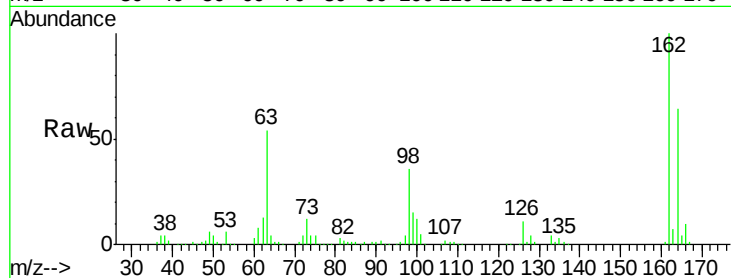




#29
 2,4-Dichlorophenol
 Concen: 54.76 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

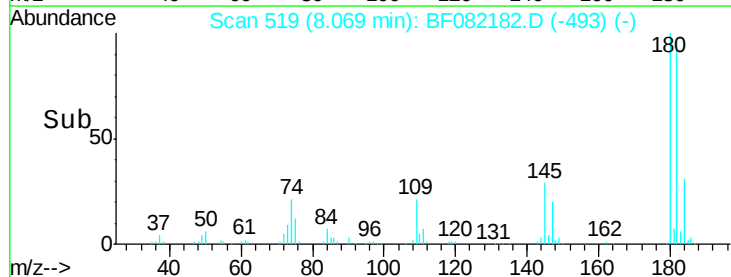
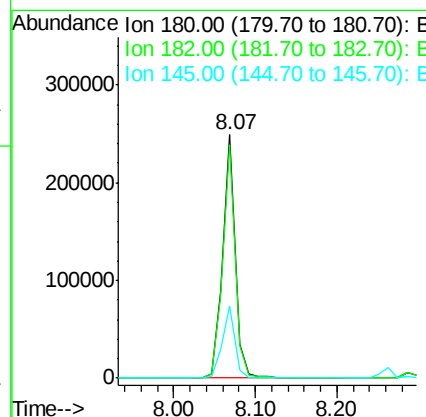
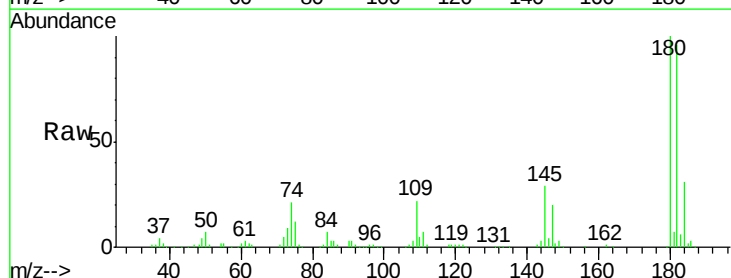
Instrument :
 BNA_F
 ClientSampleId :

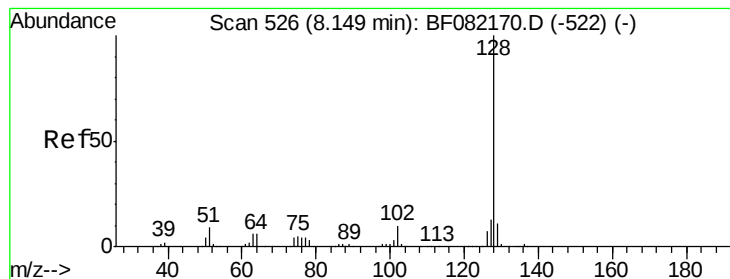
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	36.4	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 49.33 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.0	115.4
145	29.5	25.0	37.4





#31

Naphthalene

Concen: 54.35 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

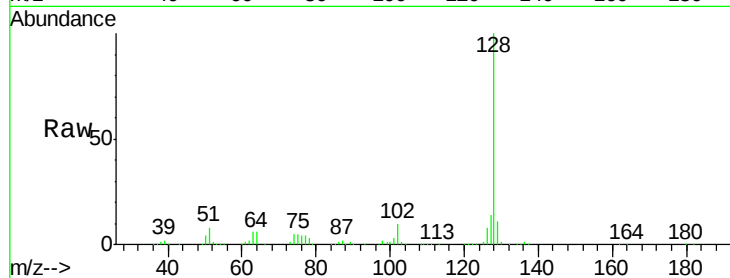
Tot Ion:128 Resp: 846583

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

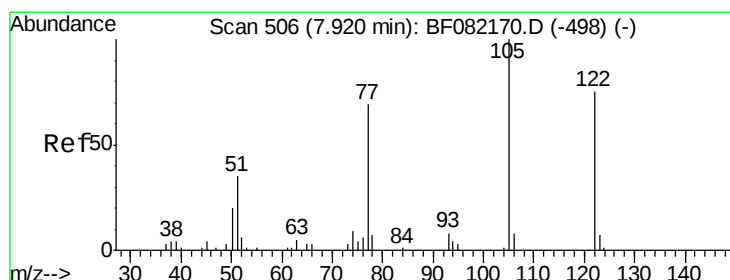
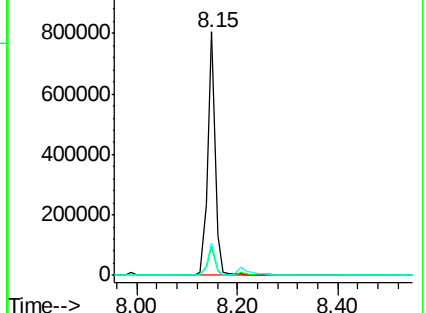
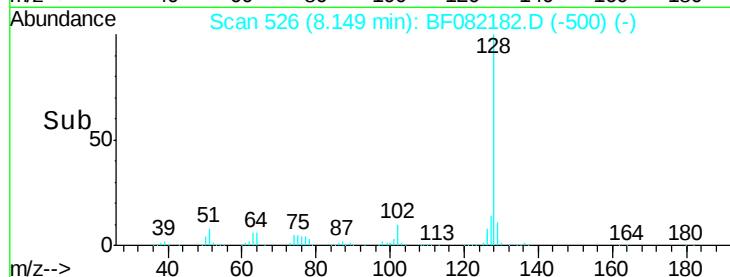
127 13.6 10.7 16.1



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



#32

Benzoic acid

Concen: 70.30 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.14 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

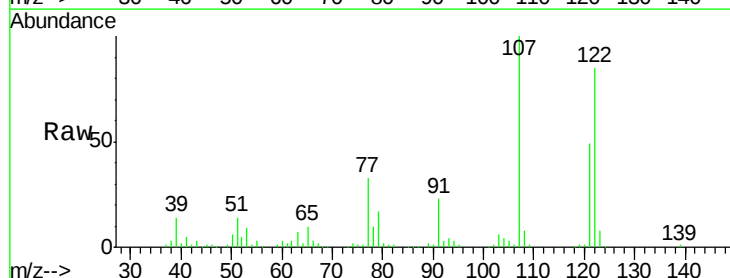
Tgt Ion:122 Resp: 219864

Ion Ratio Lower Upper

122 100

105 4.1 104.4 144.4#

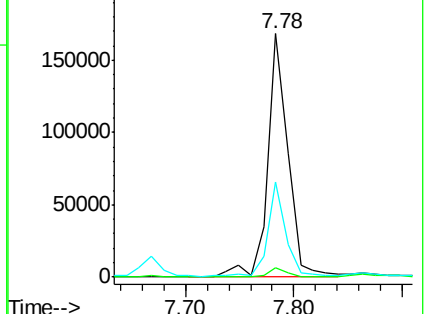
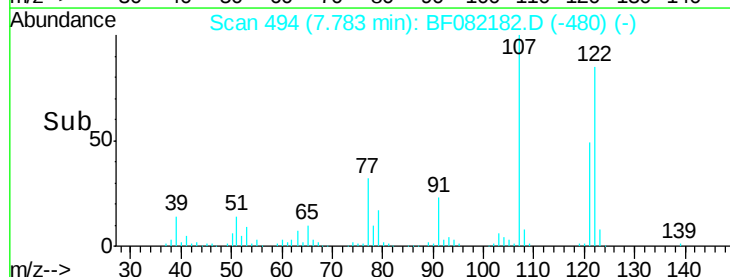
77 38.8 69.0 109.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

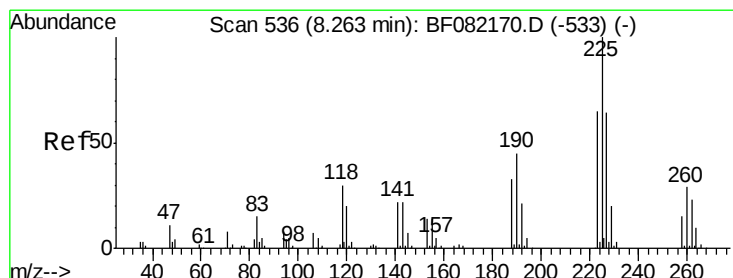
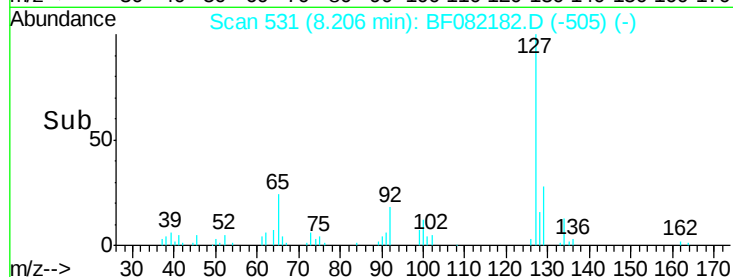
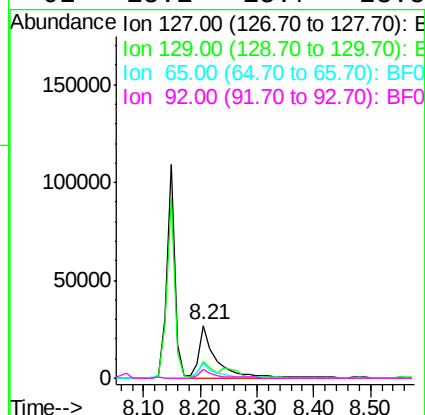
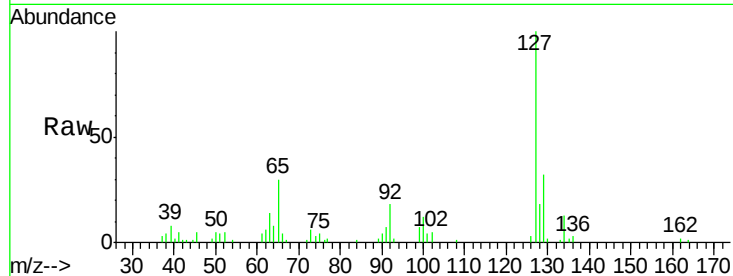




#33
4-Chloroaniline
Concen: 8.50 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

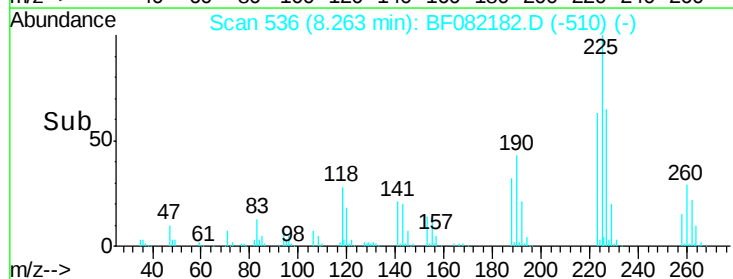
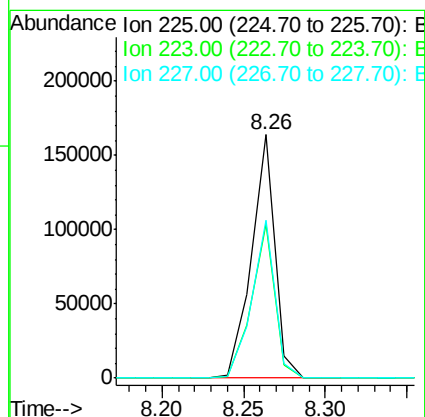
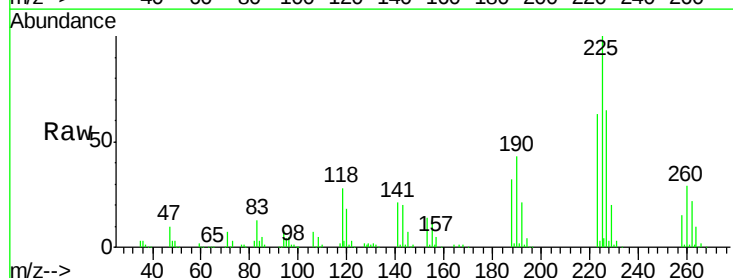
Instrument :
BNA_F
ClientSampleId :

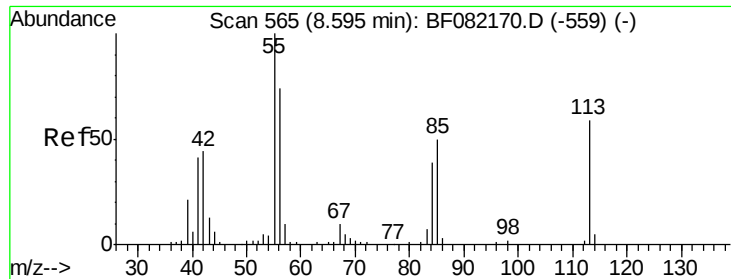
Tot Ion:	127	Resp:	55019
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	29.8	24.4	36.6
92	18.1	15.7	23.5



#34
Hexachlorobutadiene
Concen: 48.71 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:	225	Resp:	162975
Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.2	78.2
227	64.8	51.3	76.9

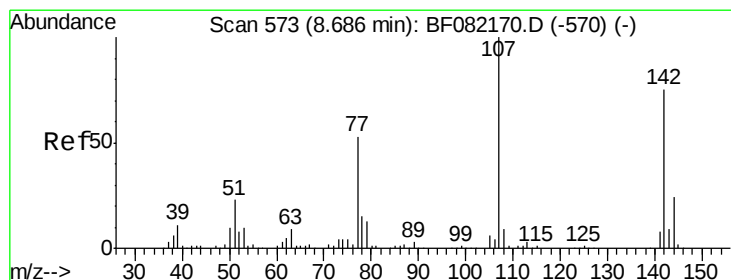
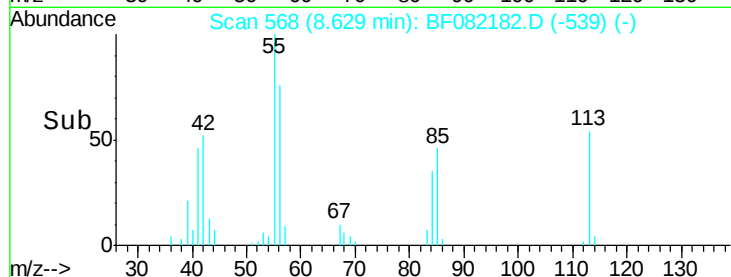
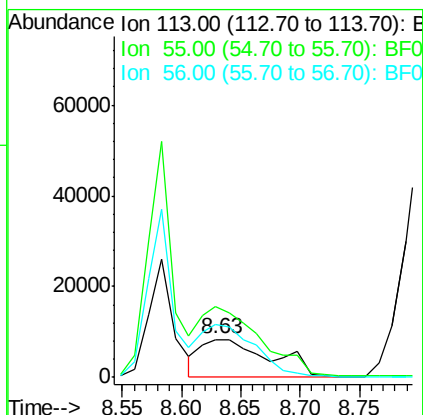
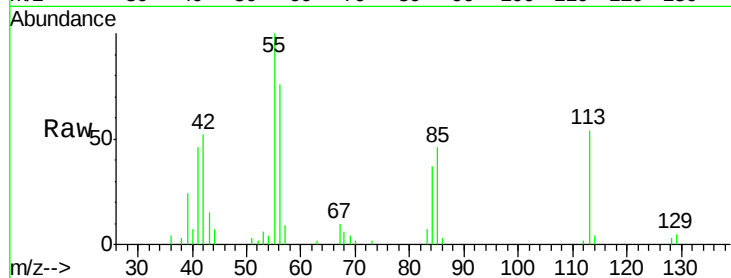




#35
 Caprolactam
 Concen: 25.25 ng
 RT: 8.63 min Scan# 568
 Delta R.T. 0.03 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

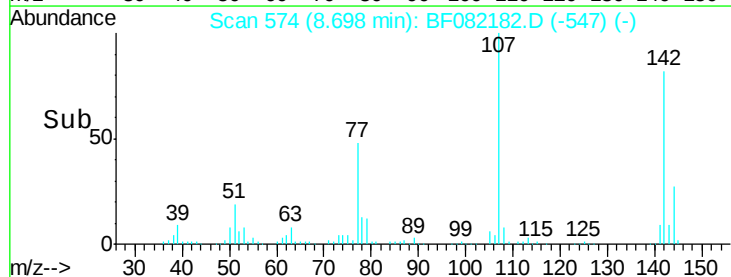
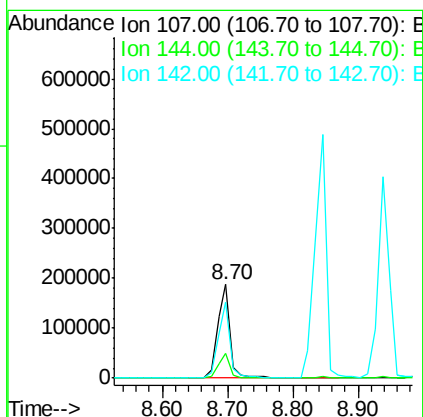
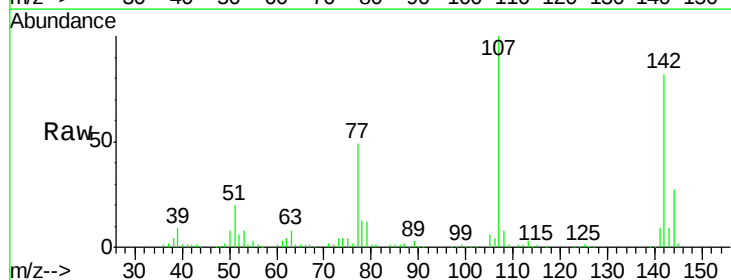
Instrument :
 BNA_F
 ClientSampleId :

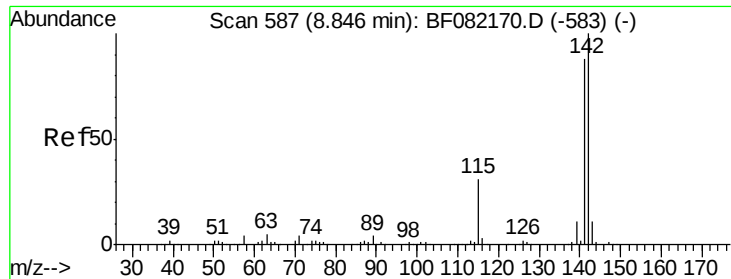
Tot Ion:113 Resp: 34135
 Ion Ratio Lower Upper
 113 100
 55 185.8 149.7 189.7
 56 141.5 105.4 145.4



#36
 4-Chloro-3-methylphenol
 Concen: 56.19 ng
 RT: 8.70 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion:107 Resp: 255967
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.3 28.9
 142 81.9 59.9 89.9

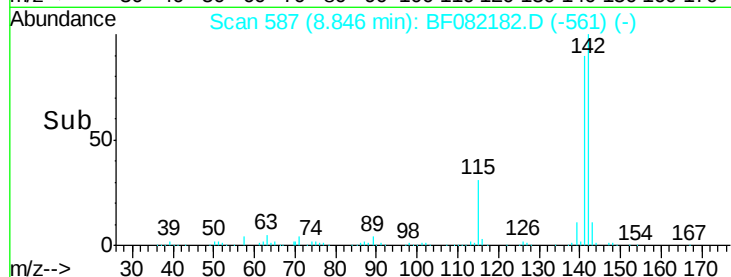
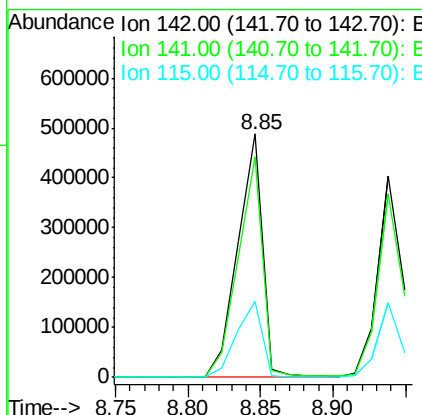
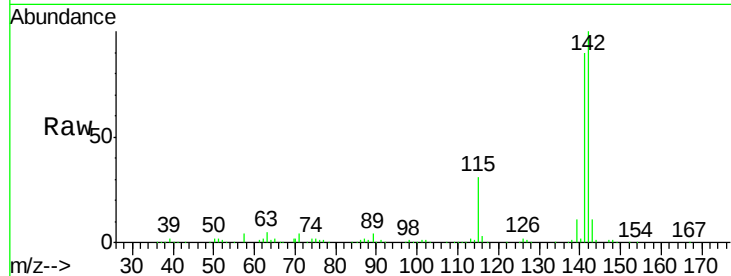




#37
2-Methylnaphthalene
Concen: 53.49 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

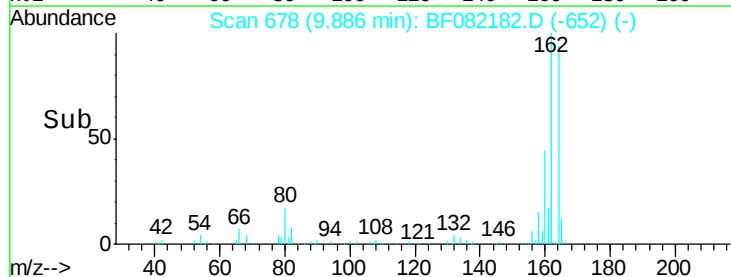
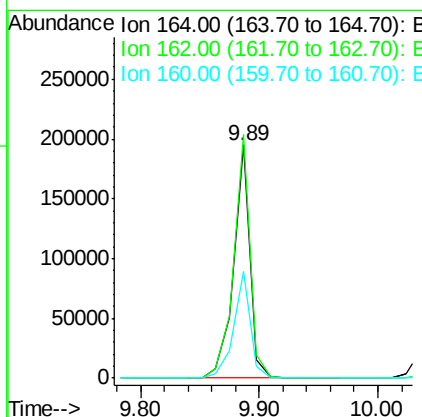
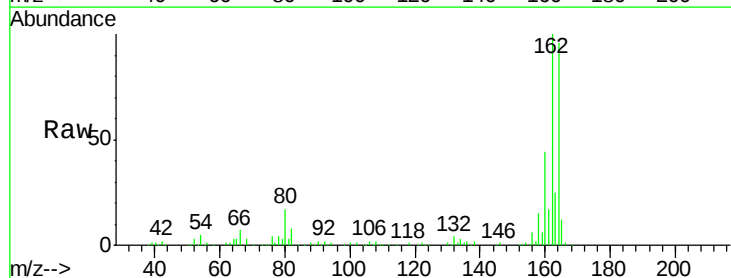
Instrument :
BNA_F
ClientSampleId :

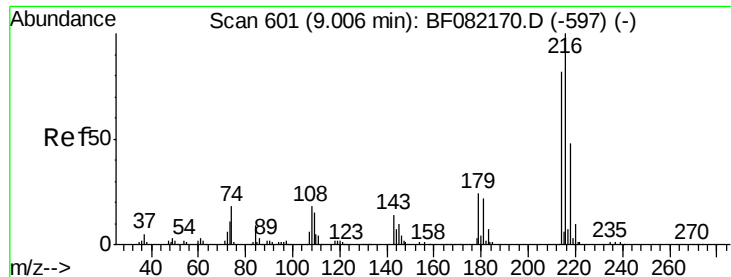
Tot Ion:142 Resp: 577645
Ion Ratio Lower Upper
142 100
141 90.4 70.4 105.6
115 31.3 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:164 Resp: 185539
Ion Ratio Lower Upper
164 100
162 104.4 81.6 122.4
160 45.7 36.4 54.6

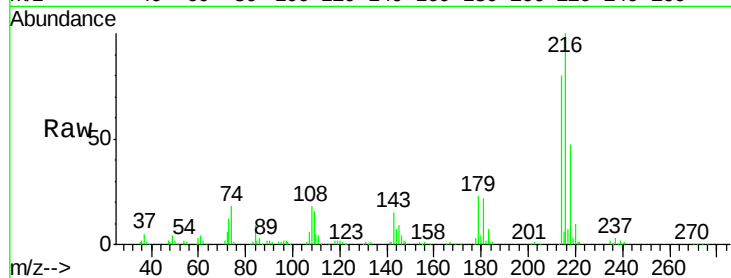




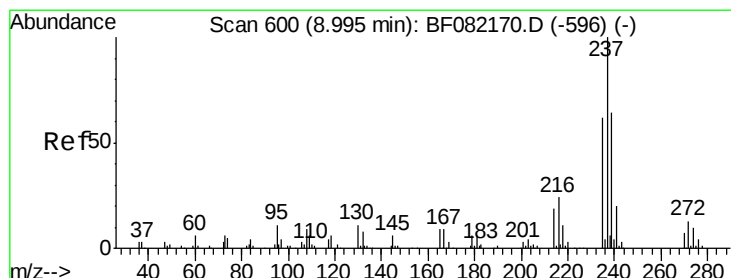
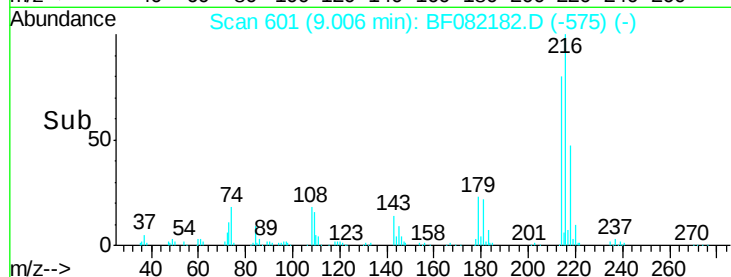
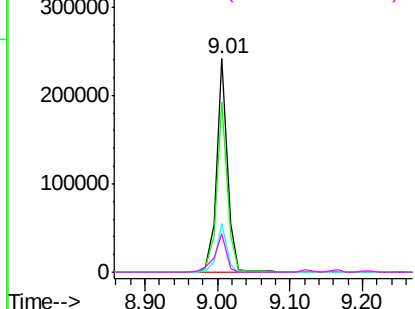
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.31 ng
 RT: 9.01 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	250066
Ion Ratio	Lower	Upper
216	100	
214	78.9	64.6 97.0
179	21.4	17.6 26.4
108	19.7	14.5 21.7

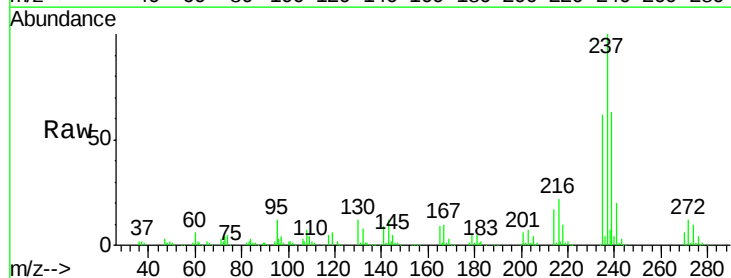


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

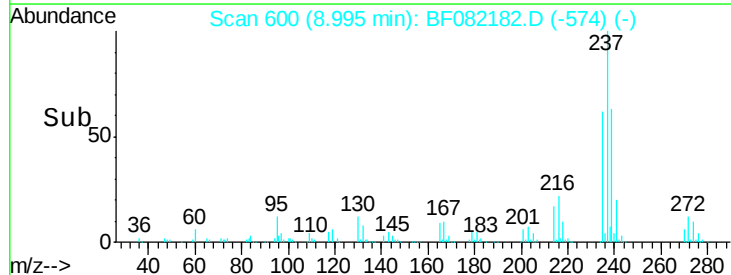
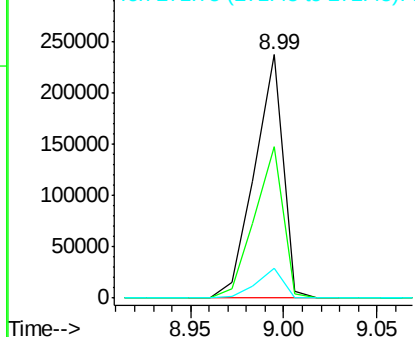


#40
 Hexachlorocyclopentadiene
 Concen: 90.37 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion:237	Resp:	255697
Ion Ratio	Lower	Upper
237	100	
235	62.0	41.7 81.7
272	12.2	0.0 32.8



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

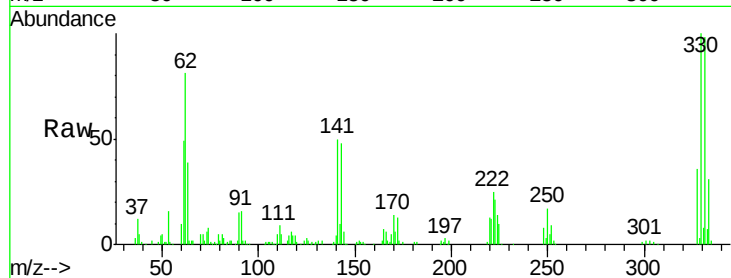




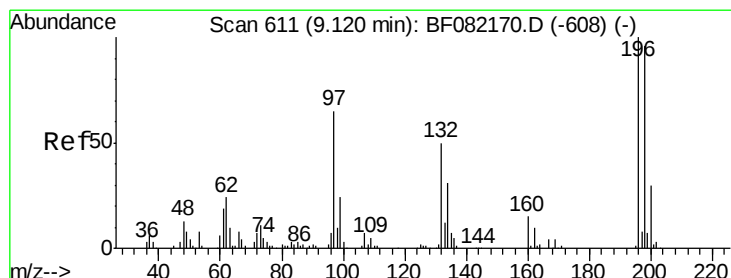
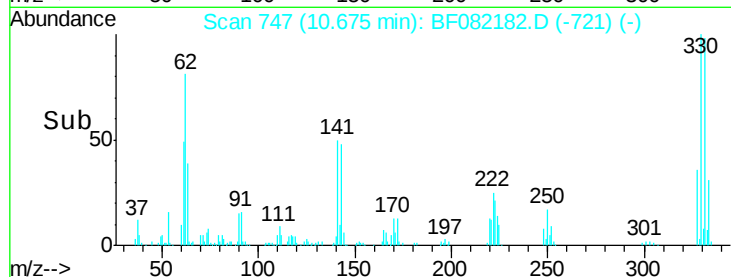
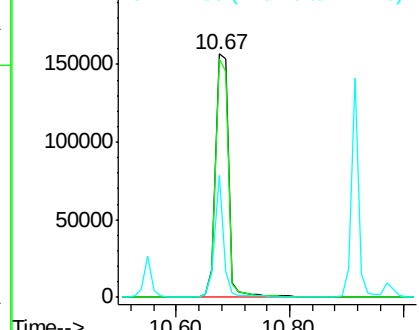
#41
 2,4,6-Tribromophenol
 Concen: 140.66 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 244751
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 33.2 29.8 44.8

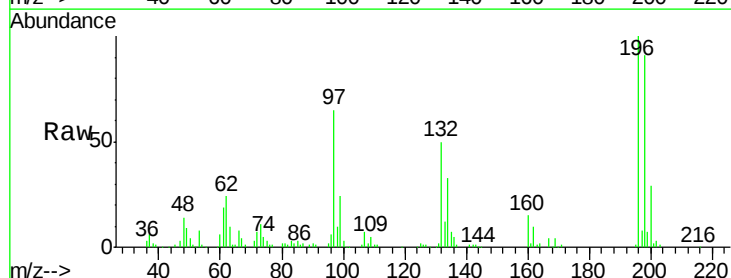


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

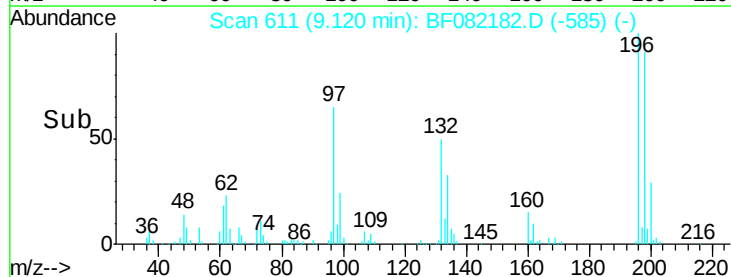
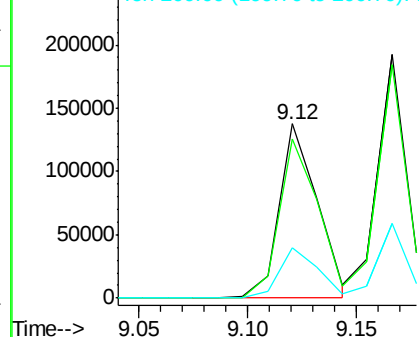


#42
 2,4,6-Trichlorophenol
 Concen: 45.93 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion:196 Resp: 168370
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.6 115.0
 200 28.8 23.7 35.5



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

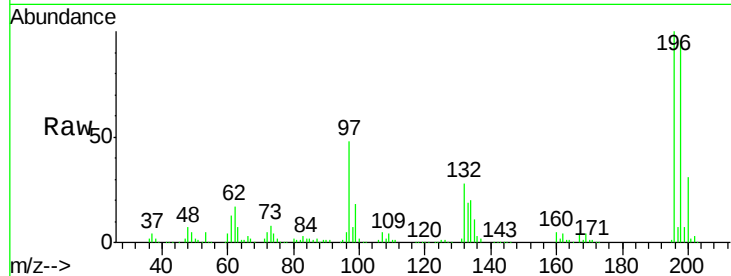




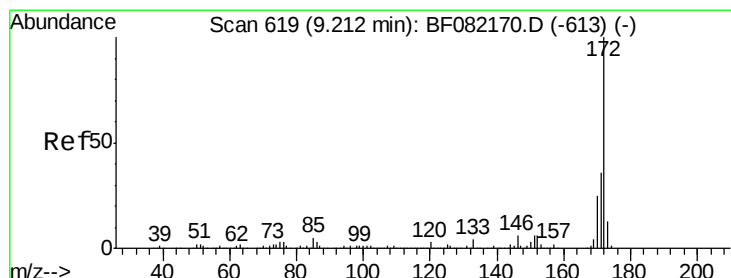
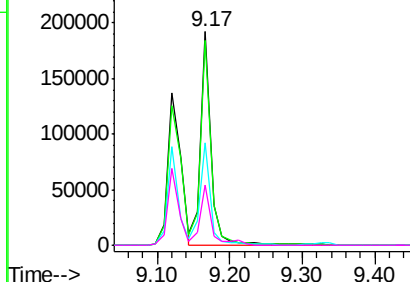
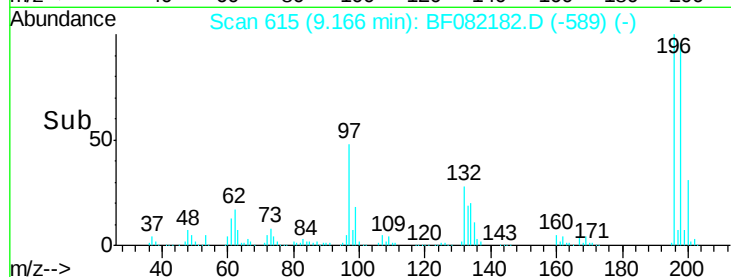
#43
 2,4,5-Trichlorophenol
 Concen: 48.29 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	191746
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.0	115.4
97	47.9	31.9	47.9
132	28.1	20.3	30.5

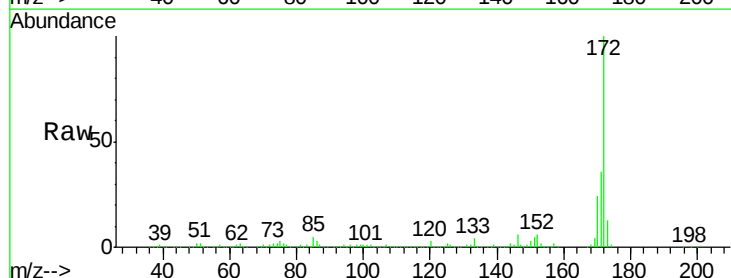


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

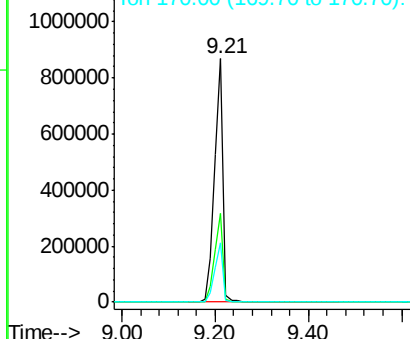
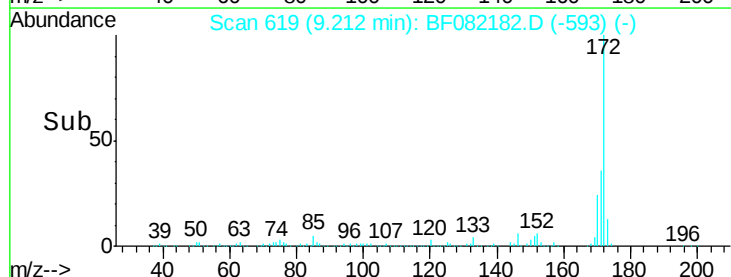


#44
 2-Fluorobiphenyl
 Concen: 99.22 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion	172	Resp	1110087
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	42.8
170	24.4	19.7	29.5



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

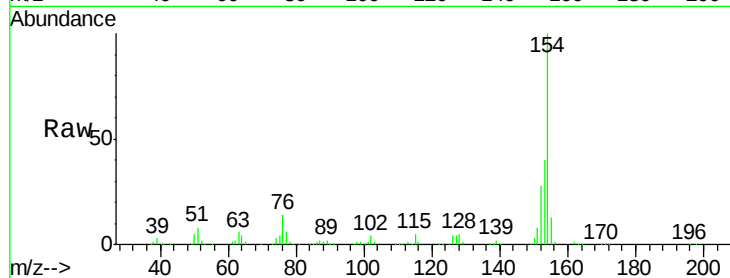




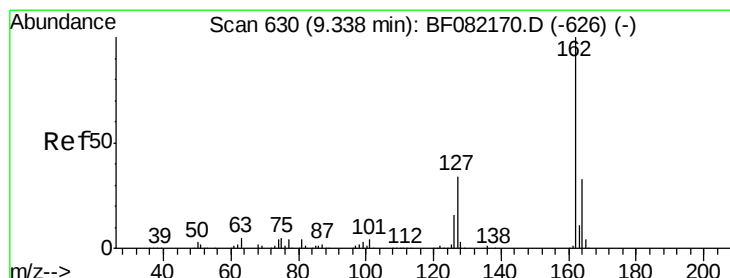
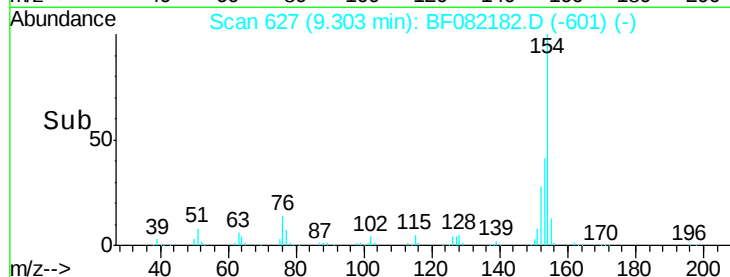
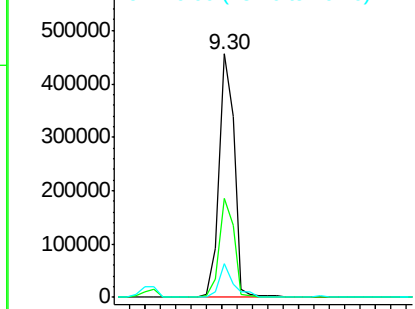
#45
 1,1'-Biphenyl
 Concen: 45.10 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	14.1	0.0	35.2

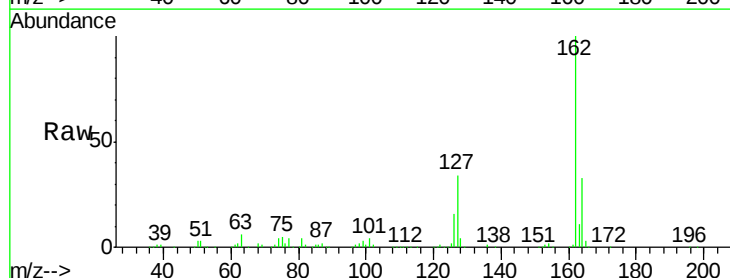


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

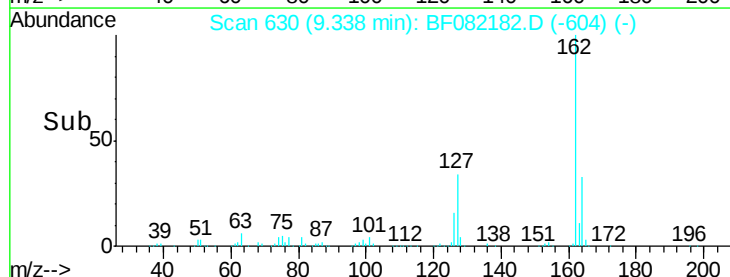
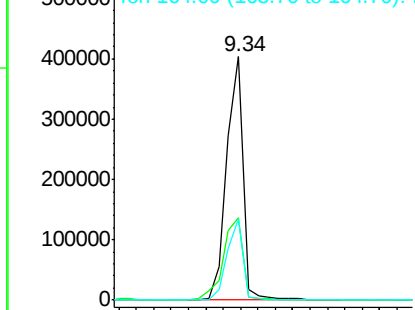


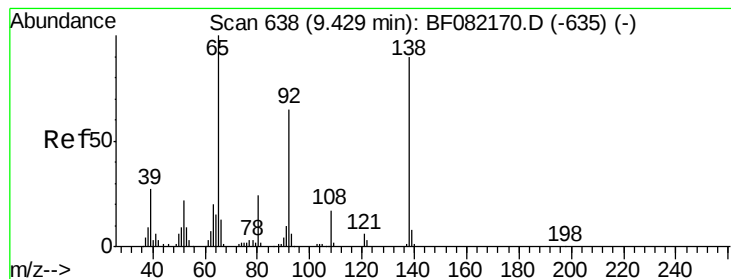
#46
 2-Chloronaphthalene
 Concen: 47.69 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.0	27.5	41.3
164	33.2	26.6	39.8



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





#47

2-Nitroaniline

Concen: 48.09 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

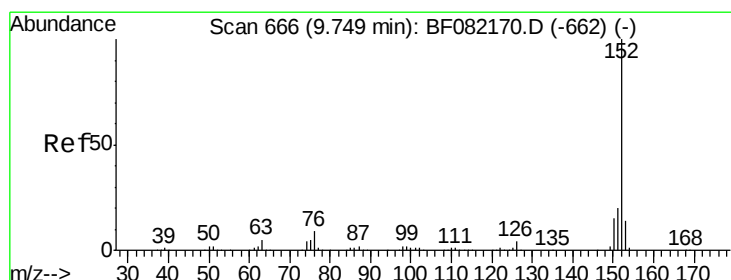
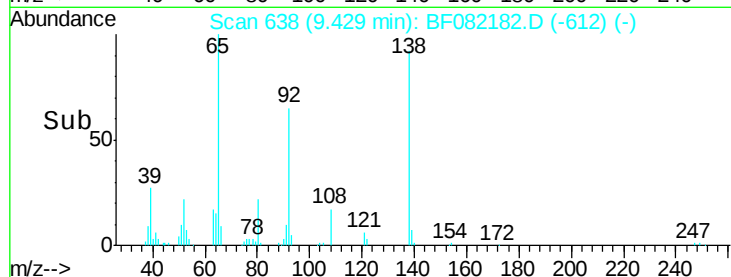
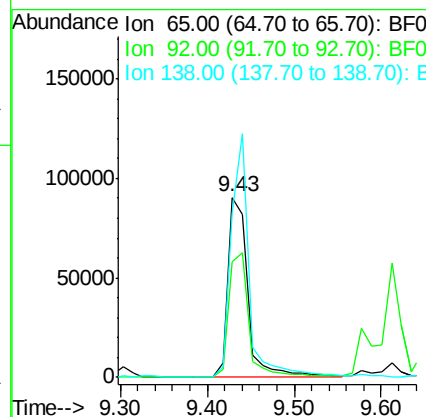
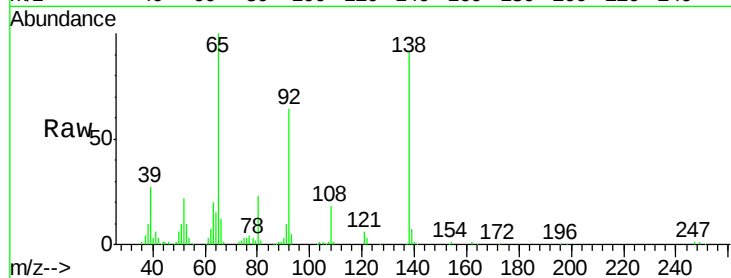
Tot Ion: 65 Resp: 147031

Ion Ratio Lower Upper

65 100

92 64.3 52.3 78.5

138 91.1 72.2 108.4



#48

Acenaphthylene

Concen: 46.42 ng

RT: 9.75 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

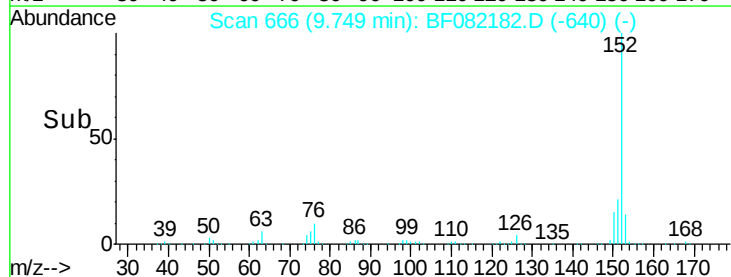
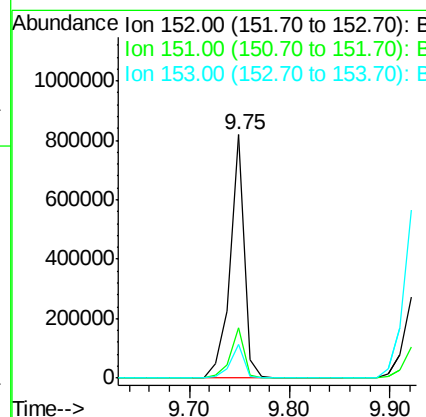
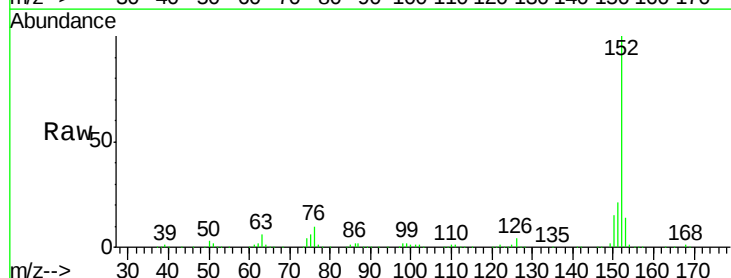
Tgt Ion: 152 Resp: 805421

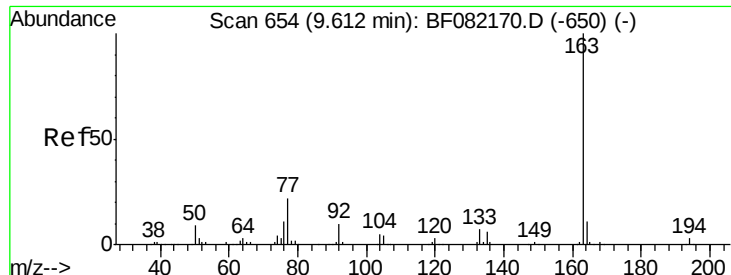
Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.7 10.8 16.2

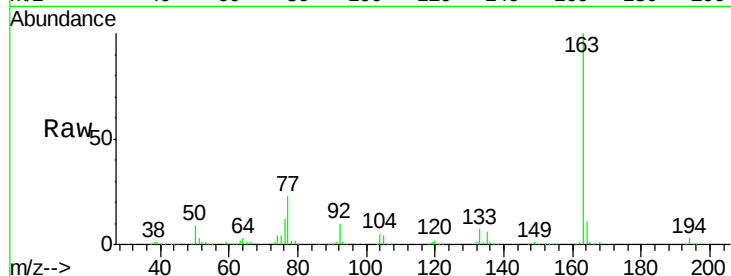




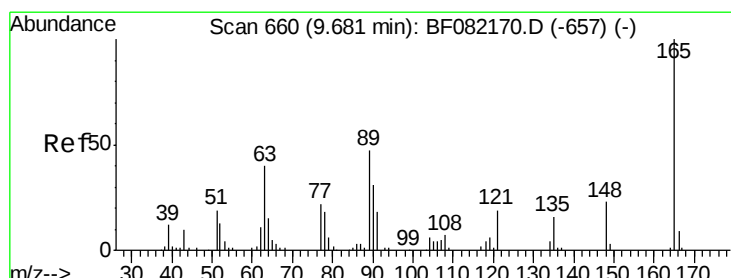
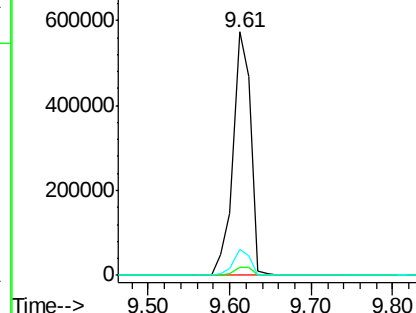
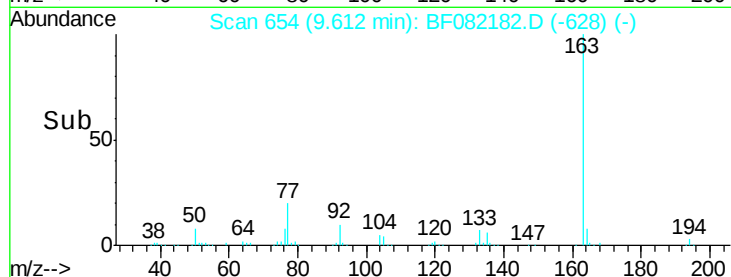
#49
Dimethylphthalate
Concen: 66.06 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.8	8.5	12.7

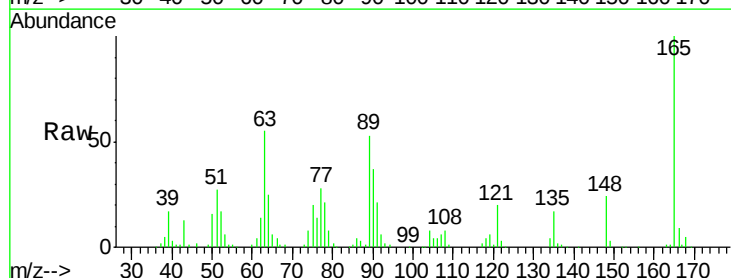


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

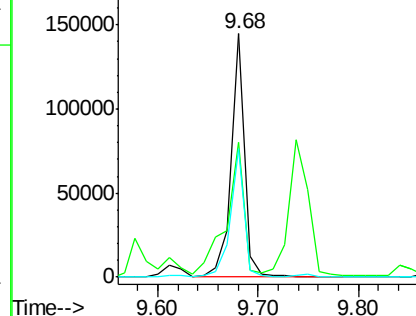
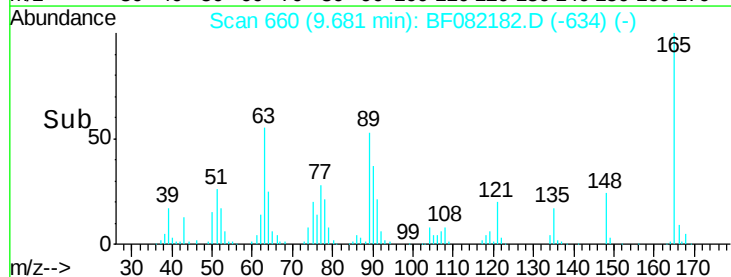


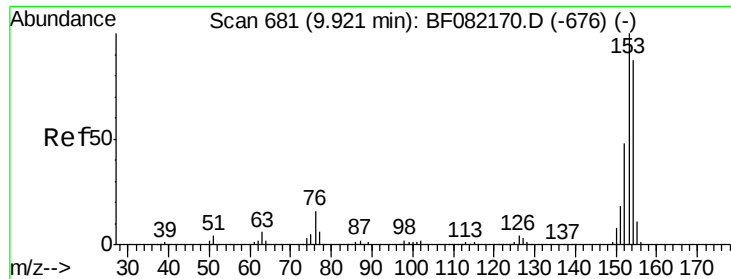
#50
2,6-Dinitrotoluene
Concen: 48.83 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.1	36.7	55.1#
89	52.6	37.8	56.6



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

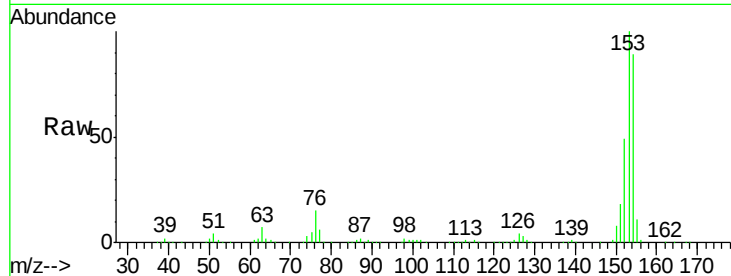




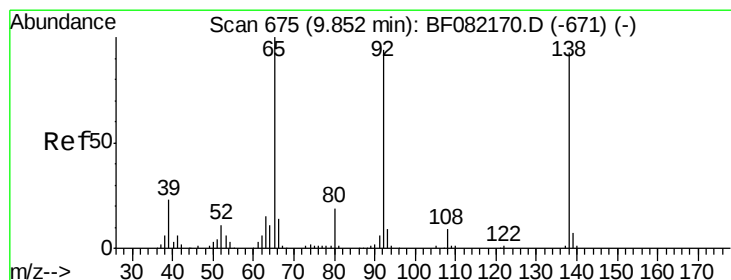
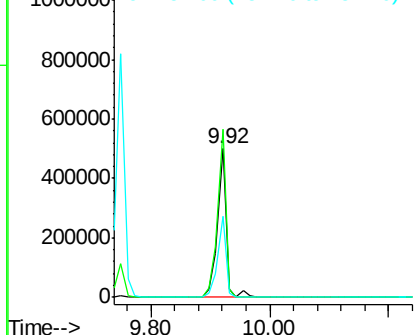
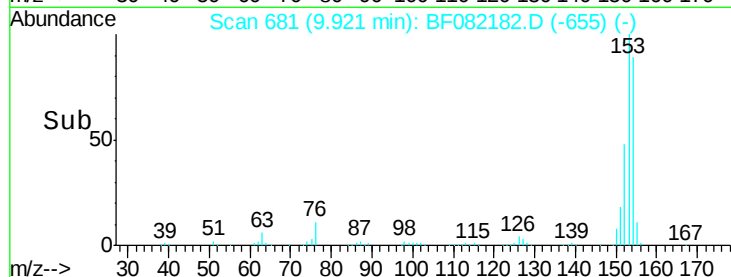
#51
Acenaphthene
Concen: 49.38 ng
RT: 9.92 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 514385
Ion Ratio Lower Upper
154 100
153 112.9 91.4 137.2
152 54.8 44.3 66.5

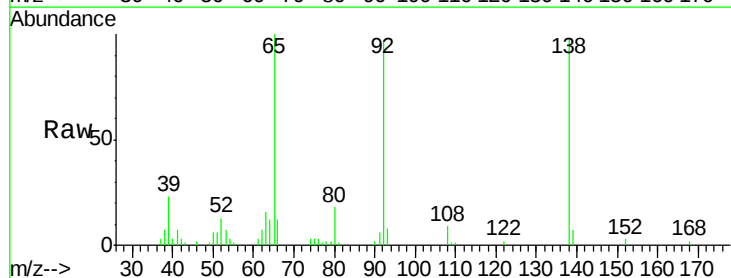


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

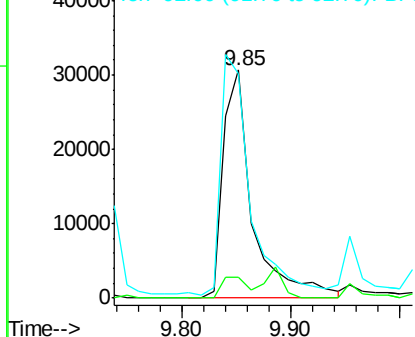
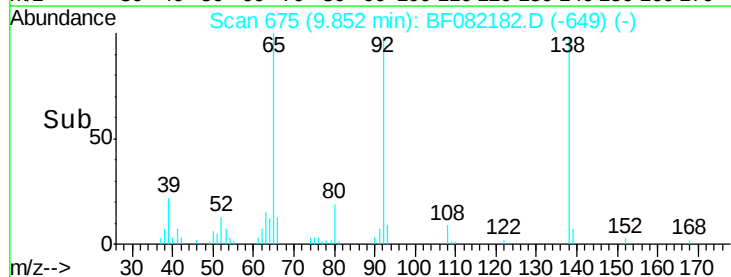


#52
3-Nitroaniline
Concen: 18.50 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:138 Resp: 57600
Ion Ratio Lower Upper
138 100
108 9.0 7.4 11.0
92 98.7 81.3 121.9



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

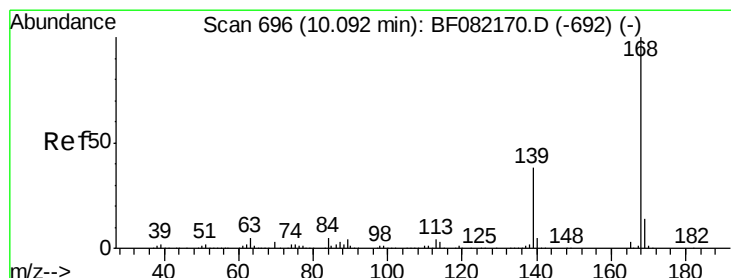
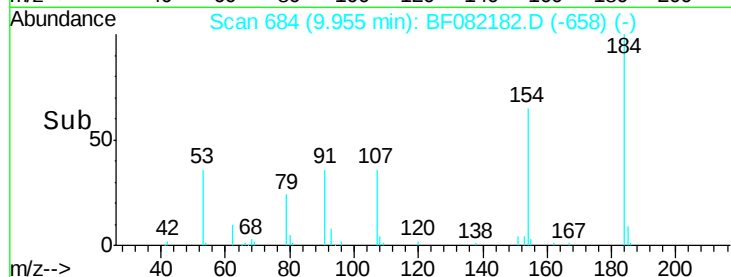
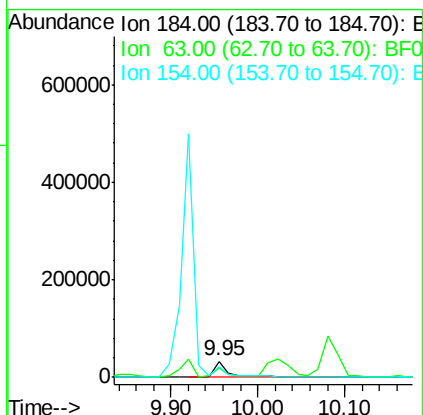
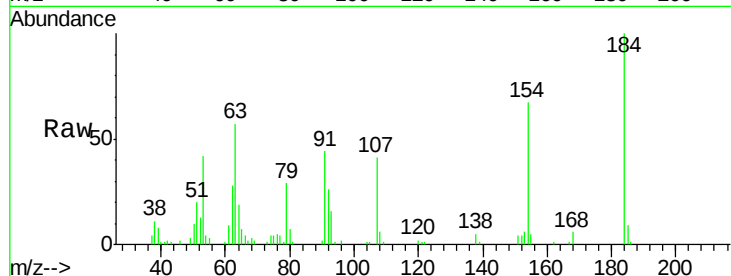




#53
2,4-Dinitrophenol
Concen: 31.90 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

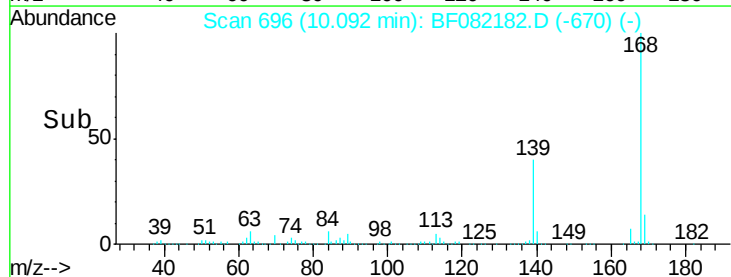
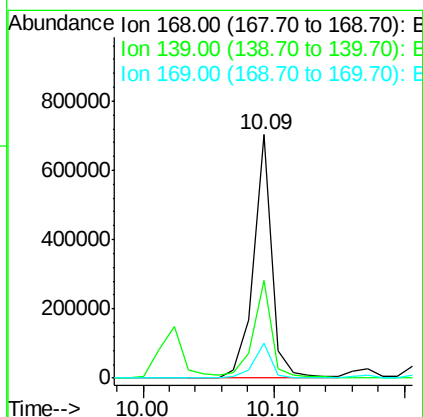
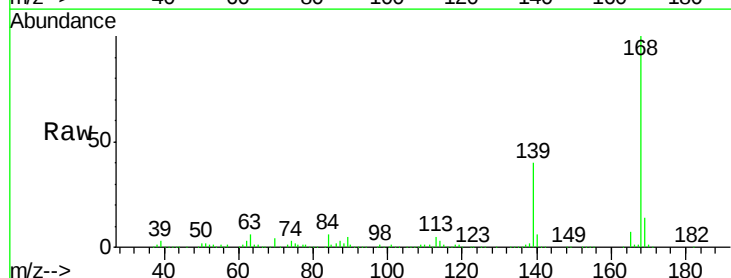
Instrument :
BNA_F
ClientSampleId :

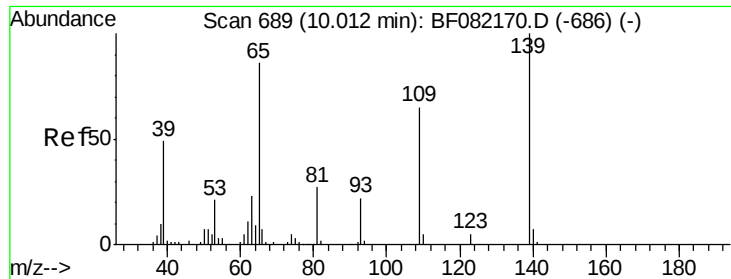
Tot Ion:184 Resp: 42702
Ion Ratio Lower Upper
184 100
63 56.6 45.1 67.7
154 66.6 51.2 76.8



#54
Dibenzofuran
Concen: 48.24 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:168 Resp: 689833
Ion Ratio Lower Upper
168 100
139 40.3 31.0 46.6
169 14.2 10.9 16.3

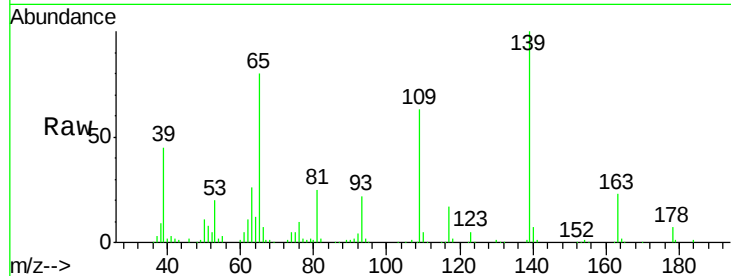




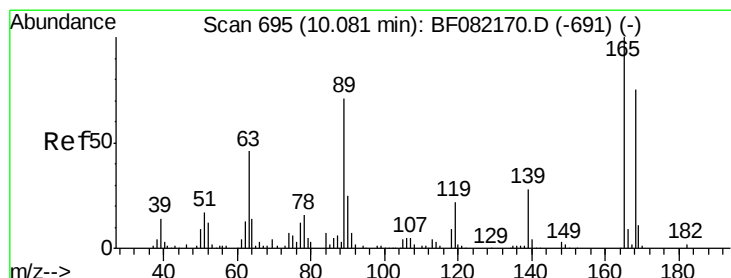
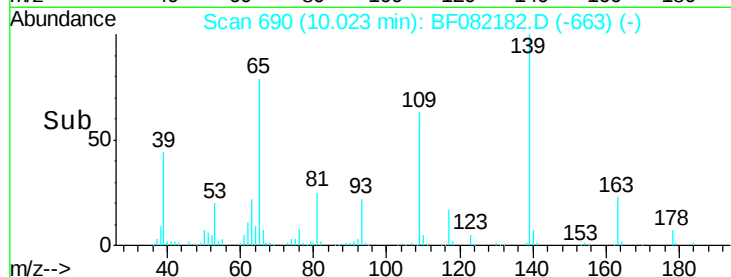
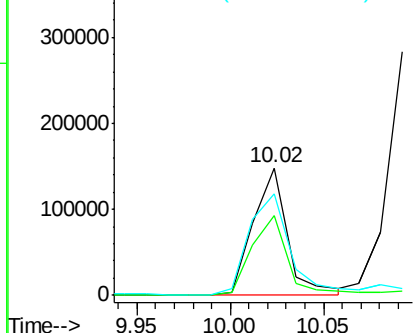
#55
4-Nitrophenol
Concen: 85.58 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 189381
Ion Ratio Lower Upper
139 100
109 62.7 44.8 84.8
65 79.7 67.7 107.7

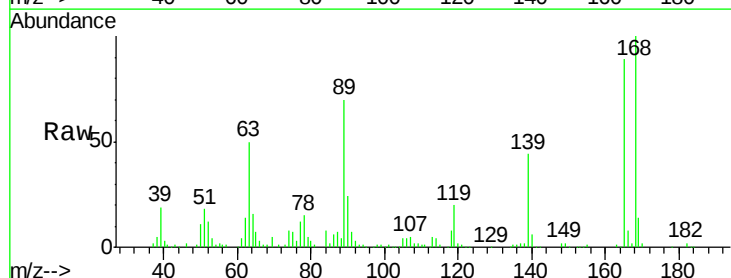


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

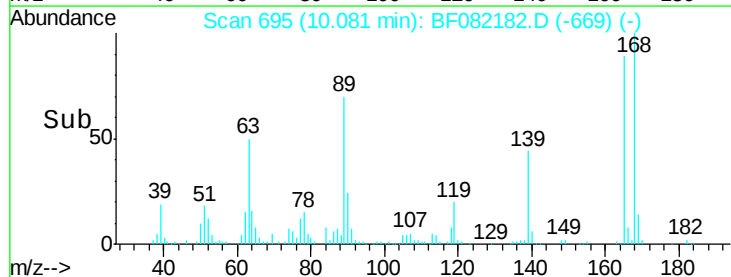
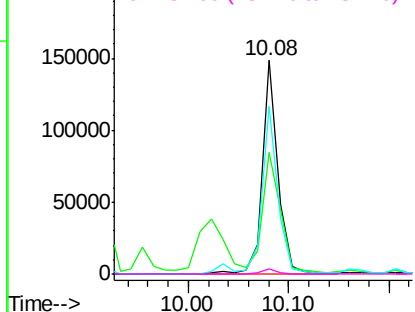


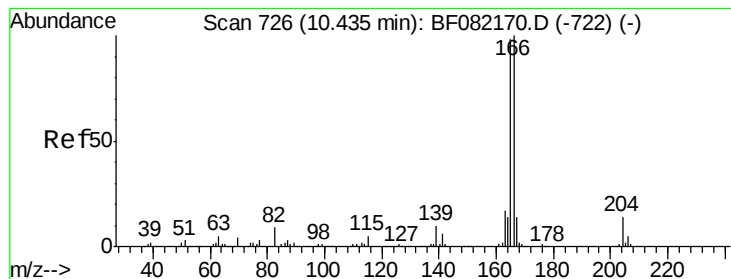
#56
2,4-Dinitrotoluene
Concen: 46.45 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:165 Resp: 160063
Ion Ratio Lower Upper
165 100
63 56.7 38.6 58.0
89 78.6 57.0 85.6
182 2.2 1.8 2.6



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





#57

Fluorene

Concen: 47.85 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

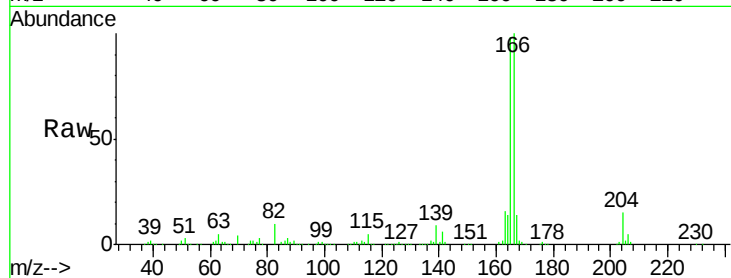
Tot Ion:166 Resp: 561959

Ion Ratio Lower Upper

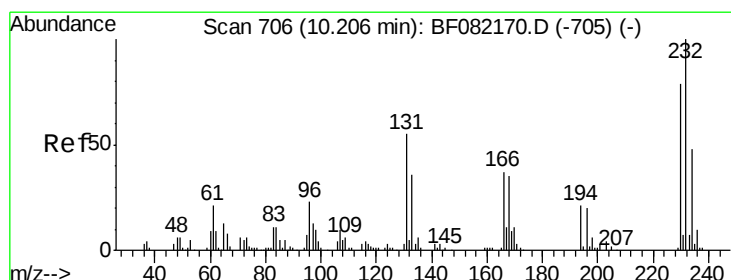
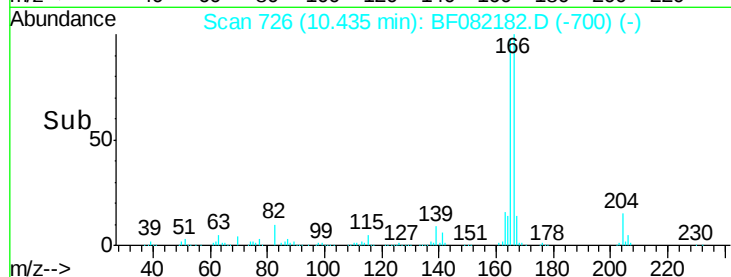
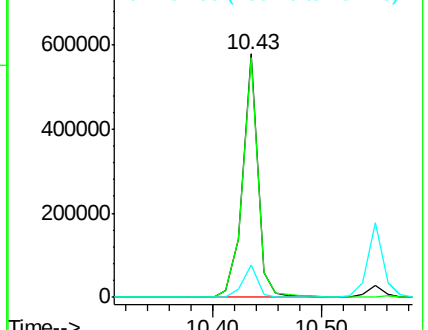
166 100

165 98.3 78.3 117.5

167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.23 ng

RT: 10.22 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Tgt Ion:232 Resp: 149980

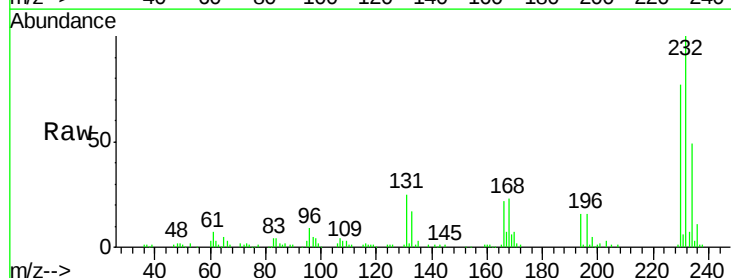
Ion Ratio Lower Upper

232 100

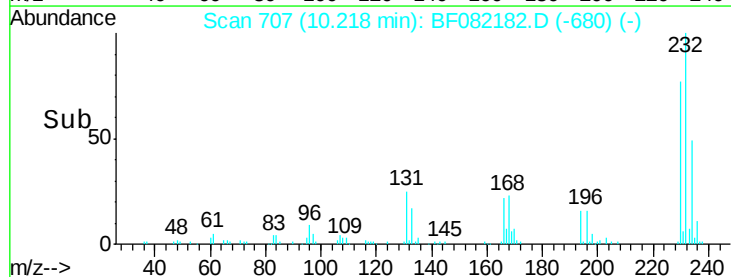
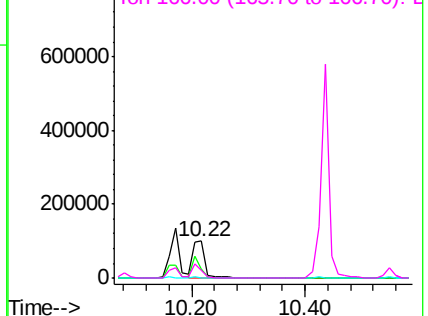
131 44.2 36.6 54.8

130 2.1 1.5 2.3

166 30.0 24.6 37.0



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





#59

Diethylphthalate

Concen: 46.52 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

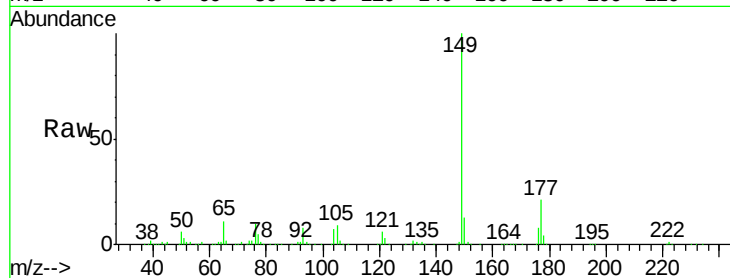
Tot Ion:149 Resp: 566536

Ion Ratio Lower Upper

149 100

177 21.0 17.6 26.4

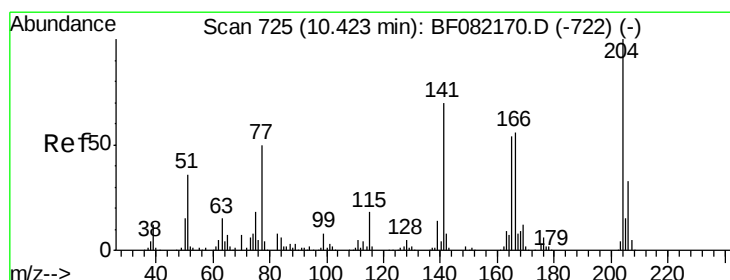
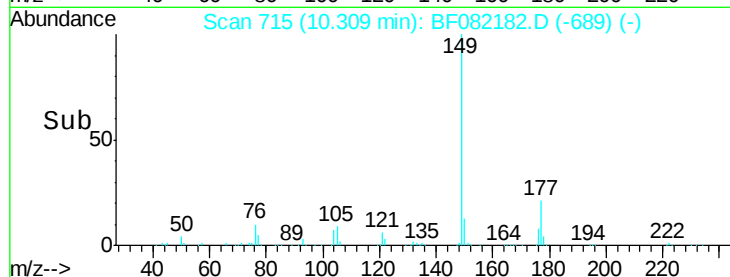
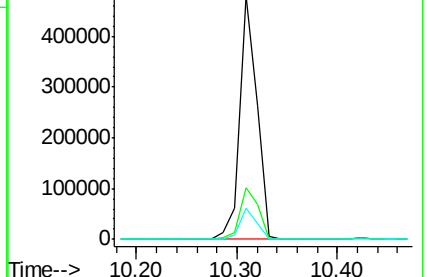
150 12.7 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.07 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

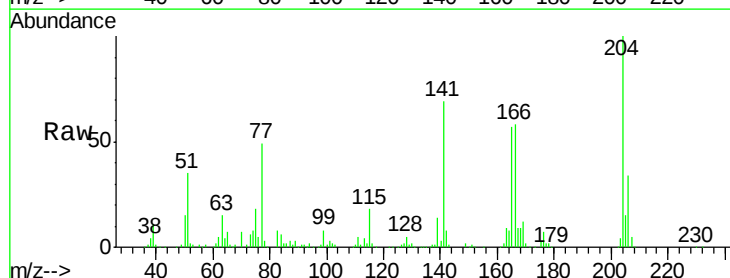
Tgt Ion:204 Resp: 247882

Ion Ratio Lower Upper

204 100

206 34.4 26.8 40.2

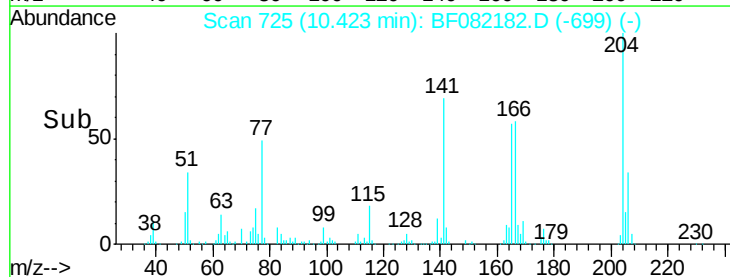
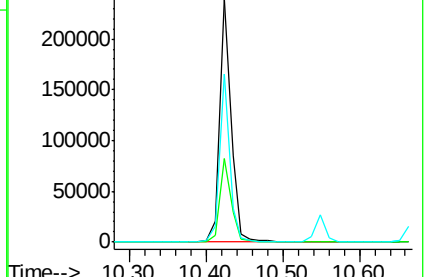
141 68.8 56.1 84.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.07 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

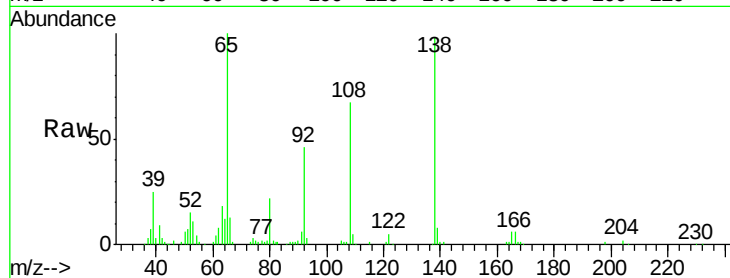
Tot Ion:138 Resp: 133109

Ion Ratio Lower Upper

138 100

92 47.1 26.8 66.8

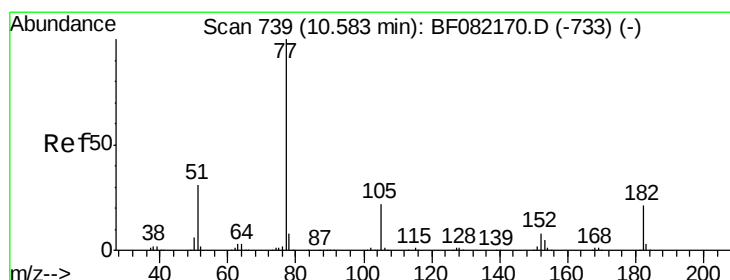
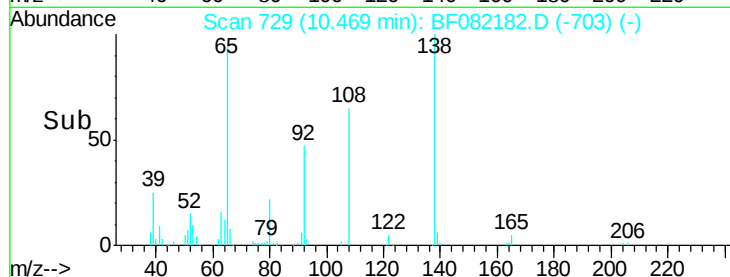
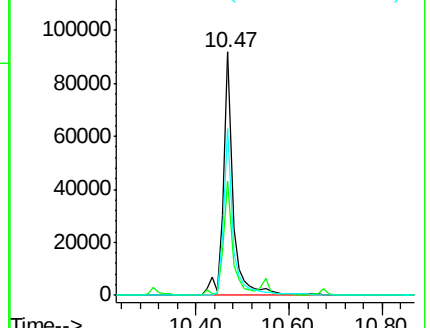
108 68.3 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.34 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Tgt Ion: 77 Resp: 552325

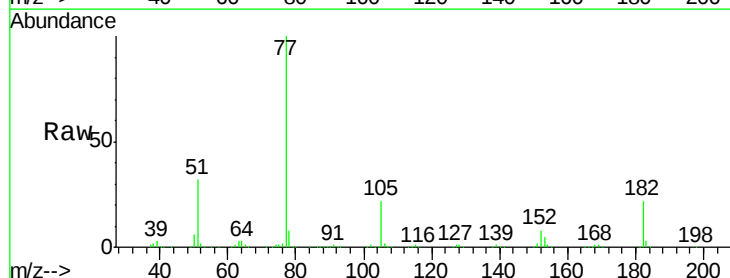
Ion Ratio Lower Upper

77 100

182 21.6 0.5 40.5

105 21.9 1.8 41.8

51 31.6 11.2 51.2

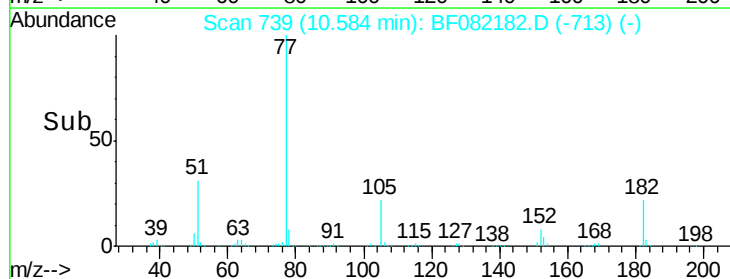
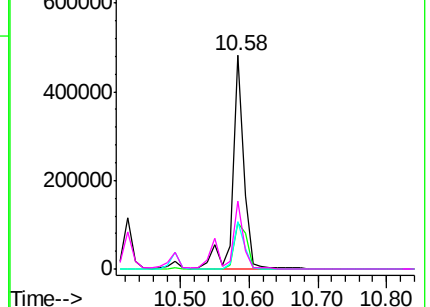


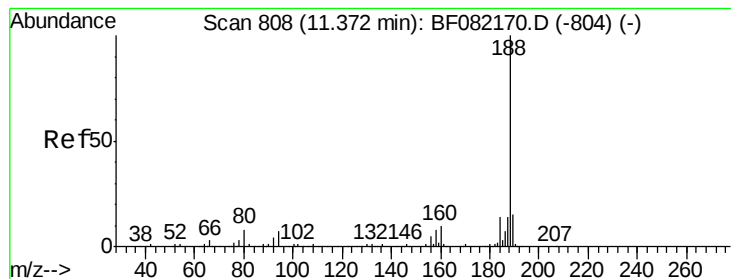
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

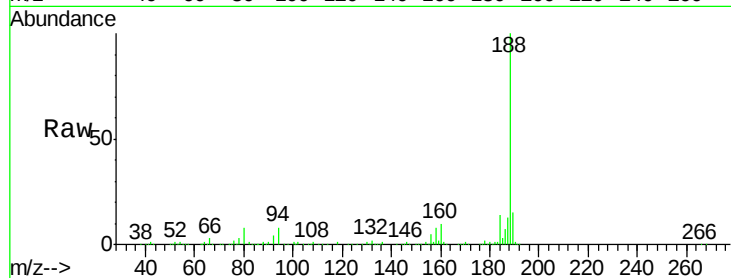
Tot Ion:188 Resp: 353635

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

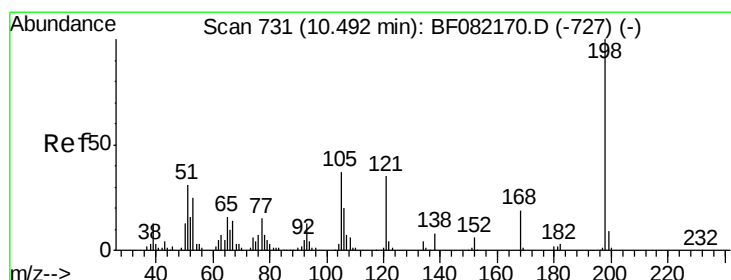
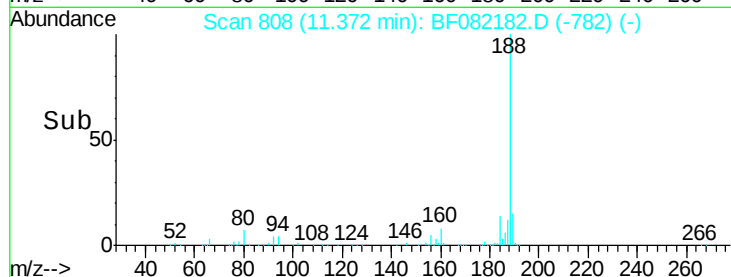
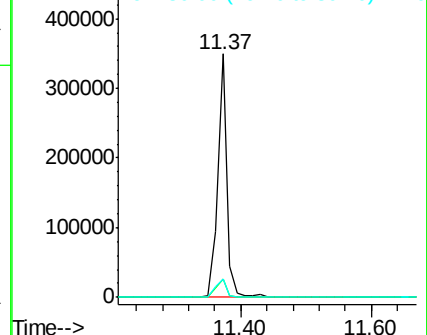
80 7.5 6.4 9.6



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: 42.75 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

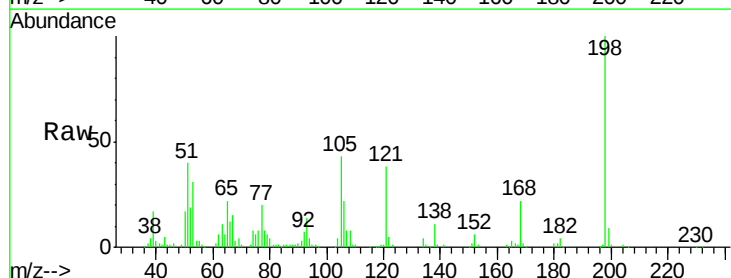
Tgt Ion:198 Resp: 84835

Ion Ratio Lower Upper

198 100

51 40.2 13.6 53.6

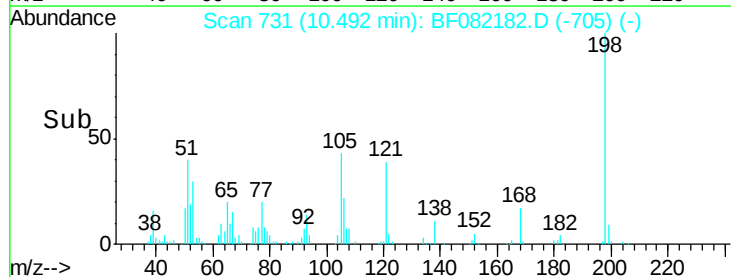
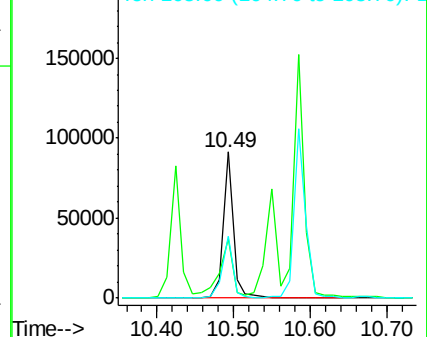
105 42.8 17.1 57.1

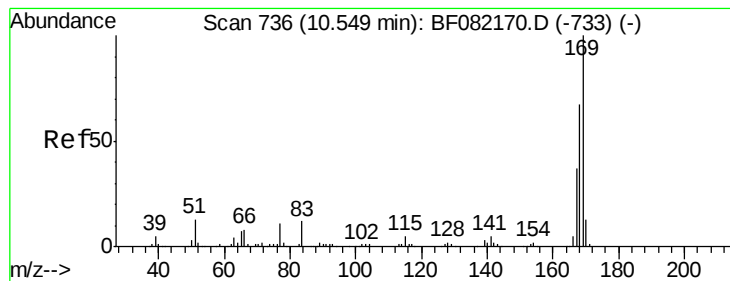


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

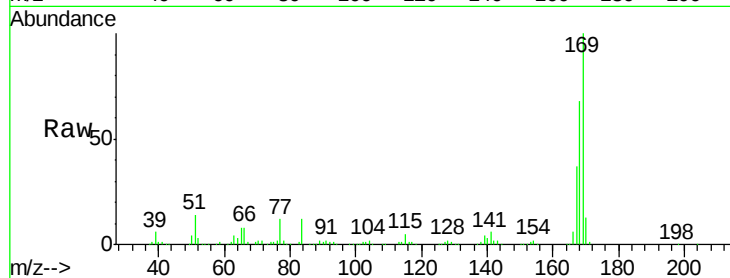




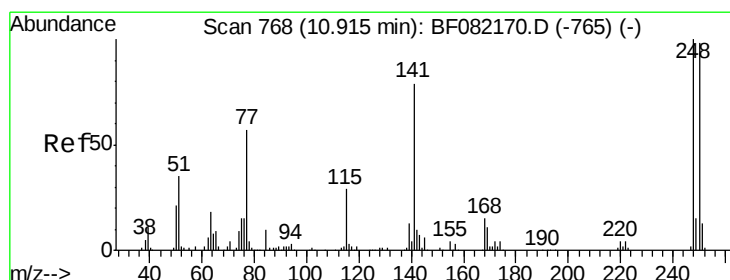
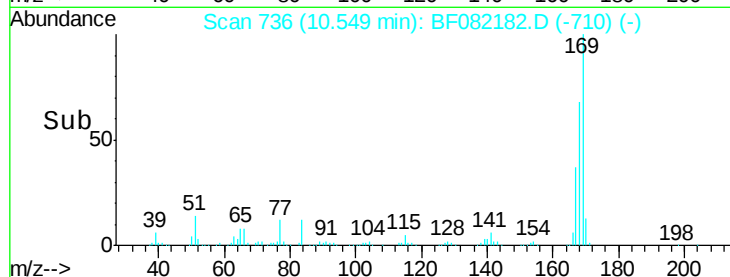
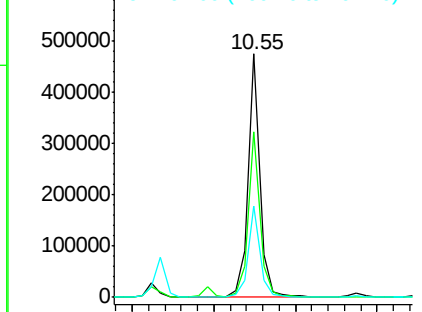
#65
 n-Nitrosodiphenylamine
 Concen: 44.62 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 472432
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.0 81.0
 167 37.5 29.6 44.4

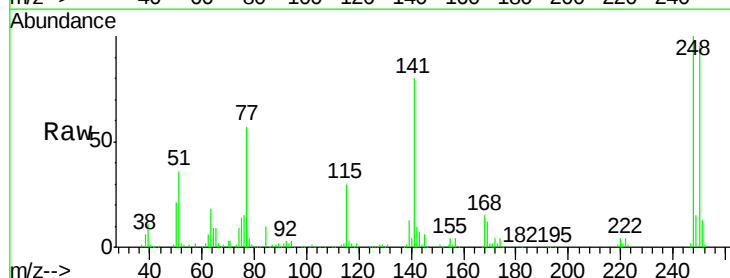


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

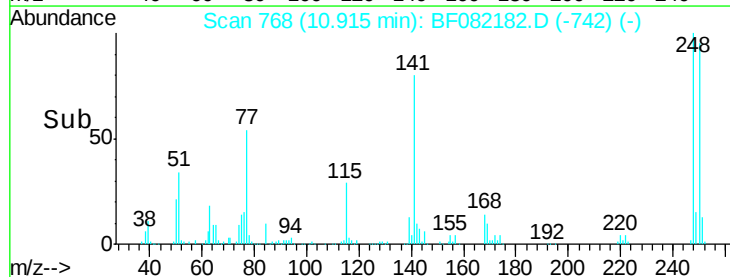
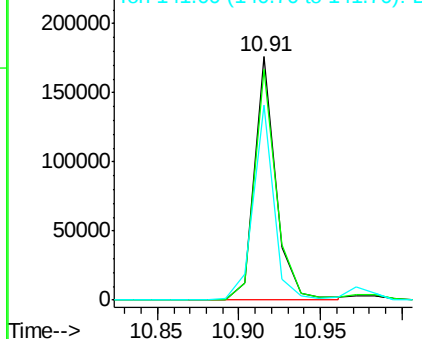


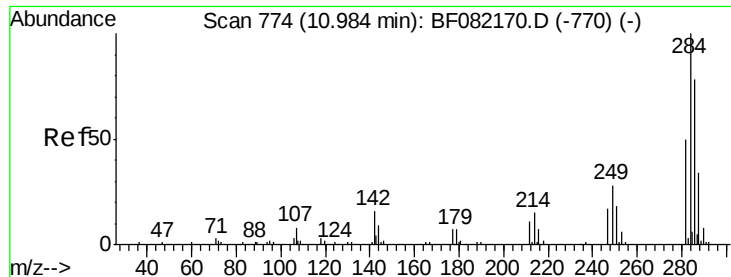
#66
 4-Bromophenyl-phenylether
 Concen: 45.86 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion:248 Resp: 162309
 Ion Ratio Lower Upper
 248 100
 250 94.9 78.6 117.8
 141 80.0 63.3 94.9



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

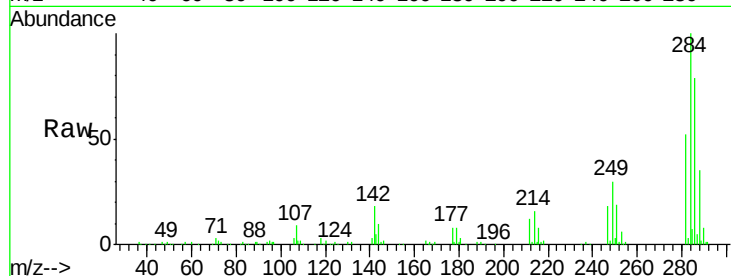




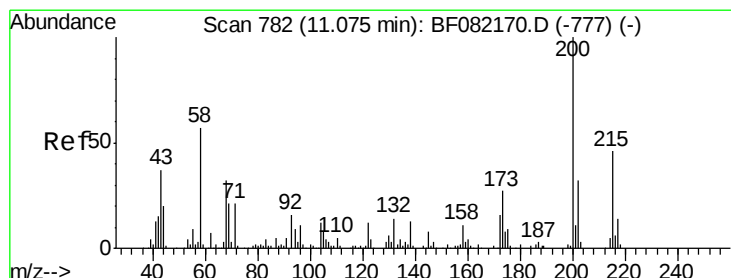
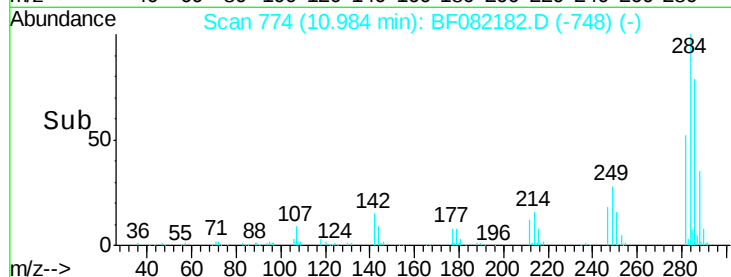
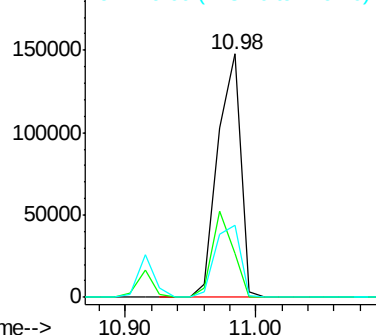
#67
Hexachlorobenzene
Concen: 47.03 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	17.8	13.0	19.6
249	29.9	22.5	33.7

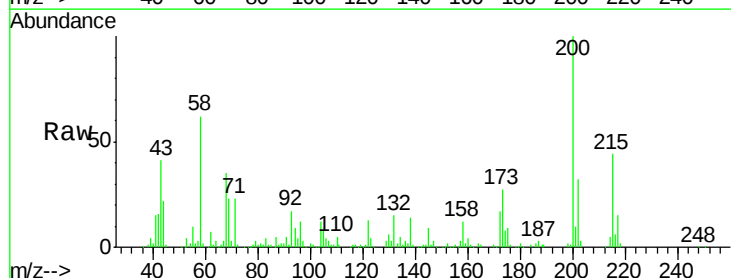


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

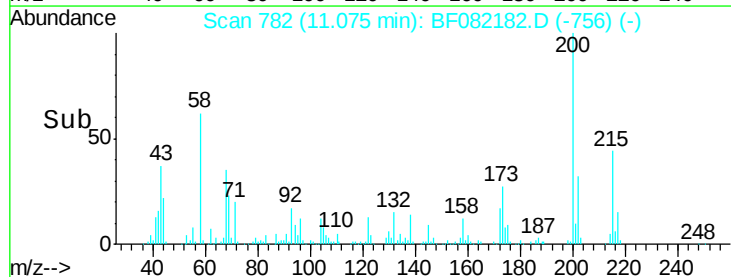
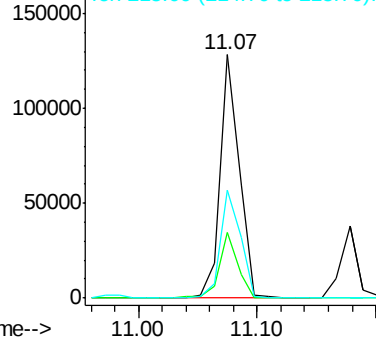


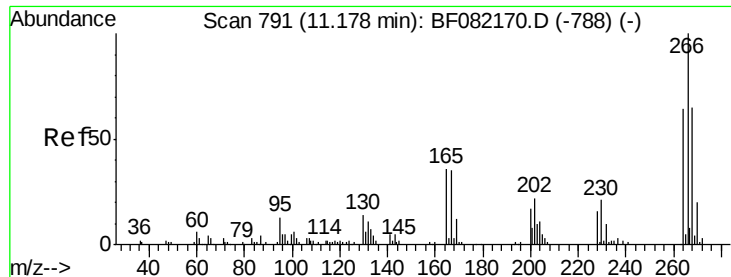
#68
Atrazine
Concen: 43.34 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.3	47.3
215	44.3	26.2	66.2



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

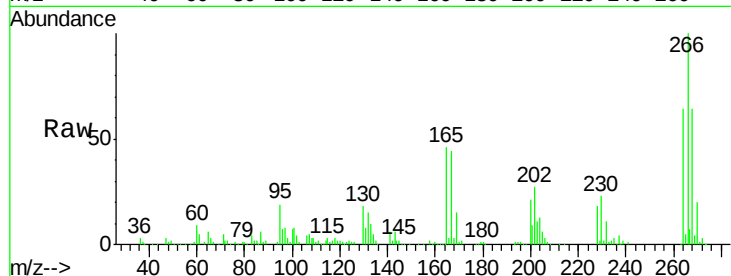




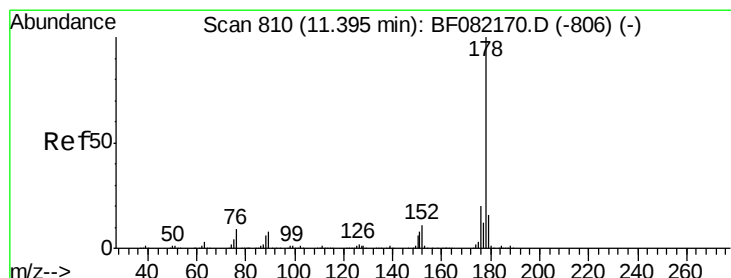
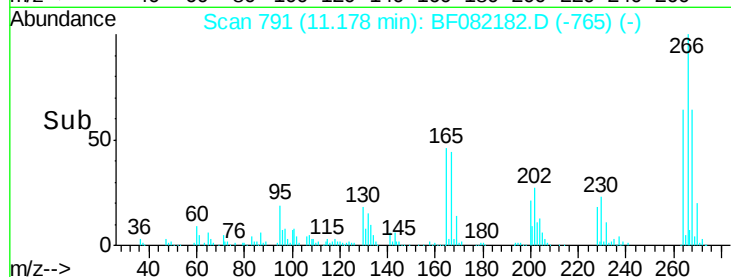
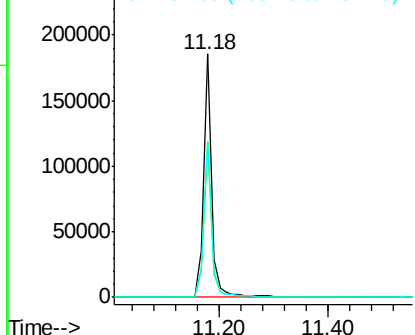
#69
 Pentachlorophenol
 Concen: 96.70 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 190462
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.0 78.0
 264 64.3 51.4 77.0

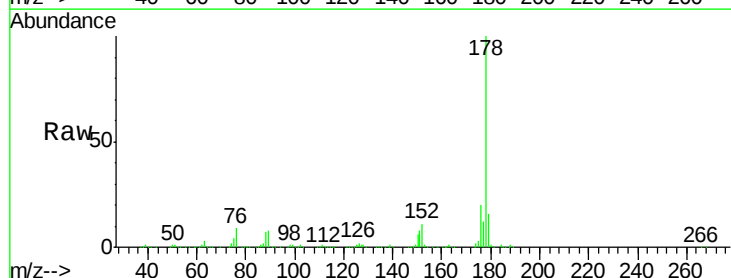


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

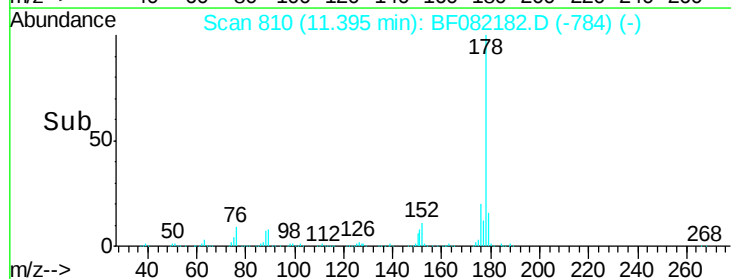
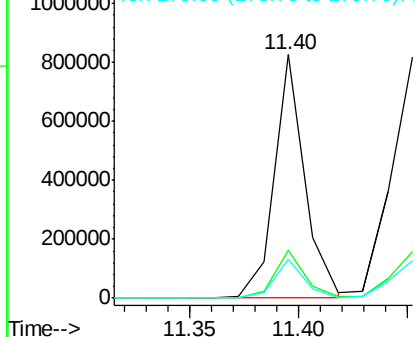


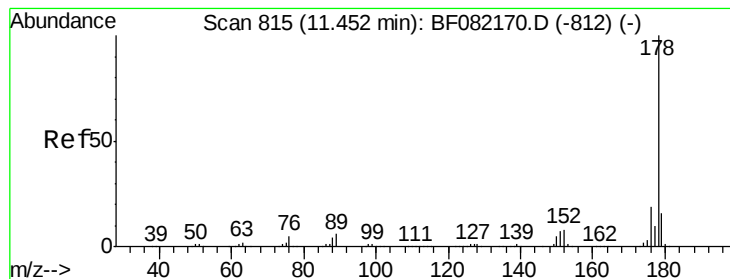
#70
 Phenanthrene
 Concen: 46.67 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion:178 Resp: 809032
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 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





#71

Anthracene

Concen: 50.67 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampled :

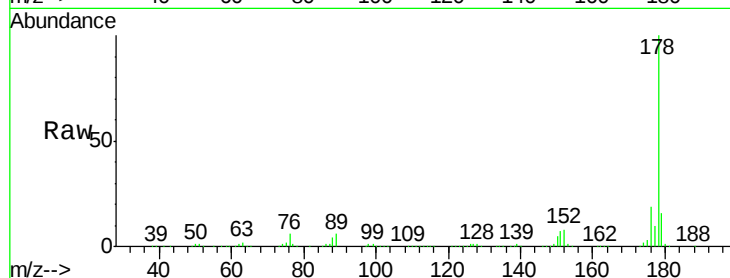
Tot Ion:178 Resp: 905048

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

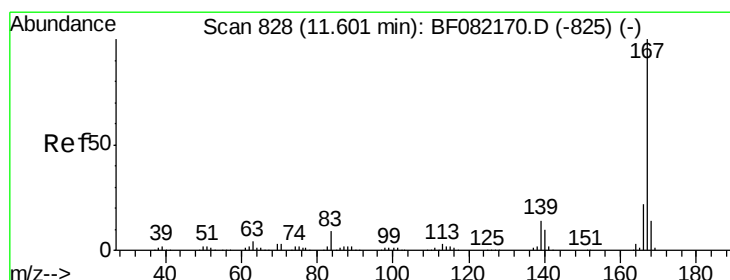
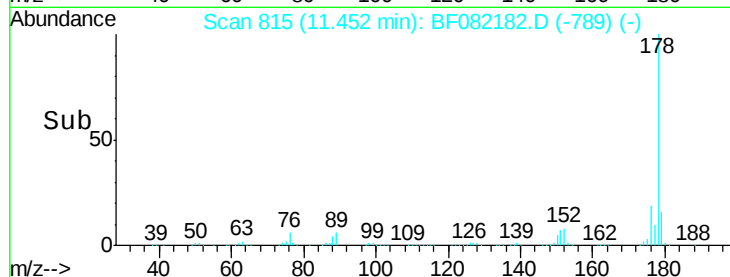
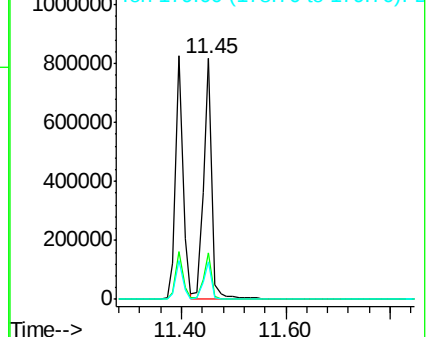
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.32 ng

RT: 11.61 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

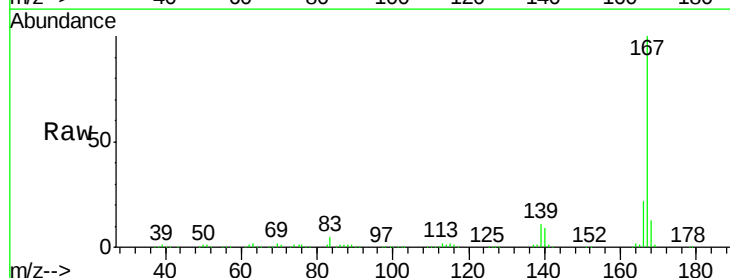
Tgt Ion:167 Resp: 754747

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

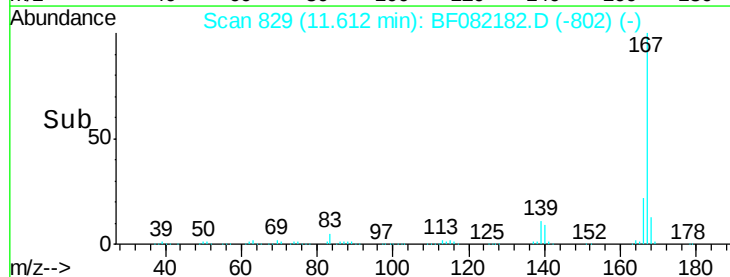
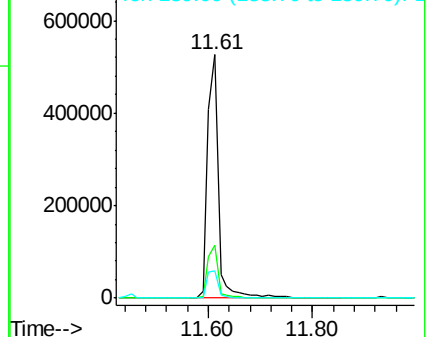
139 11.5 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.18 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

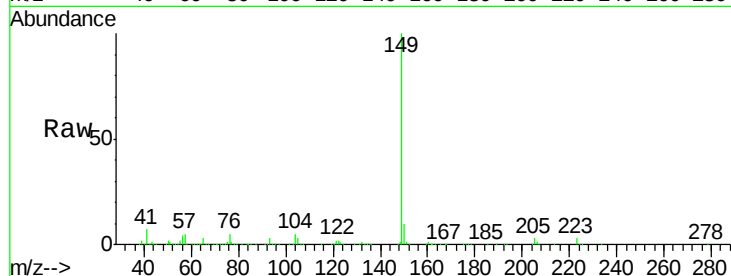
Tot Ion:149 Resp: 888146

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

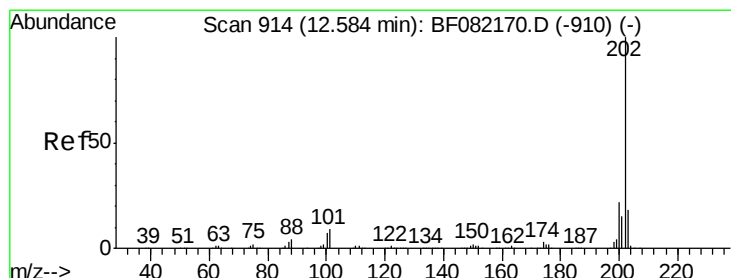
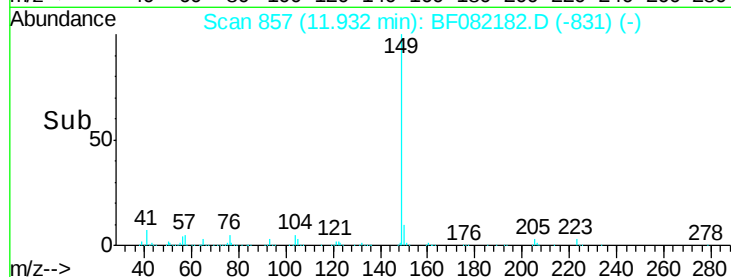
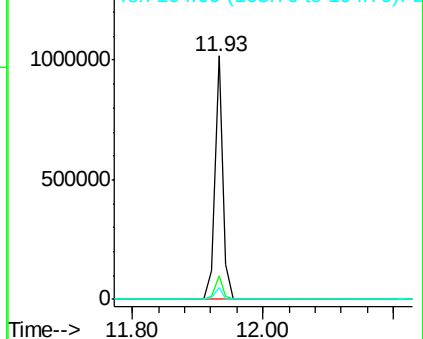
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.74 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

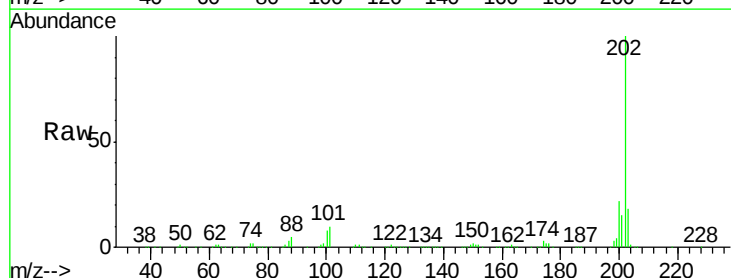
Tgt Ion:202 Resp: 851540

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.3

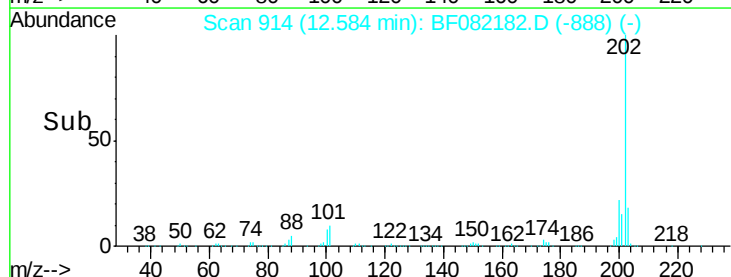
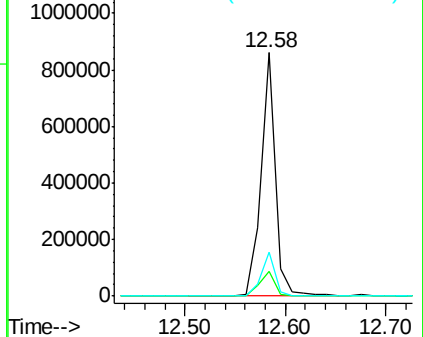
203 18.0 0.0 37.8

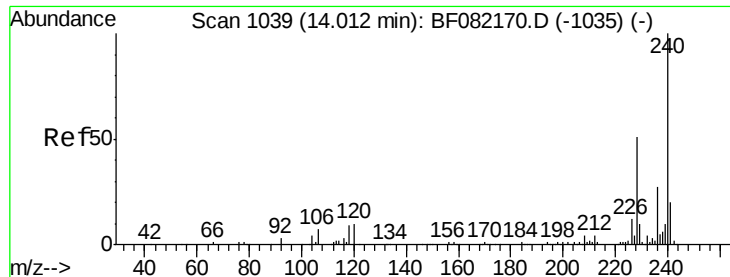


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

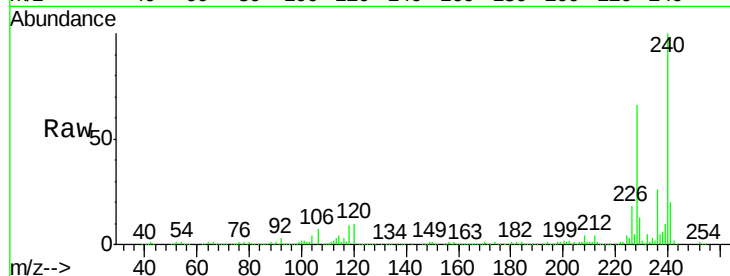
Tot Ion:240 Resp: 307385

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

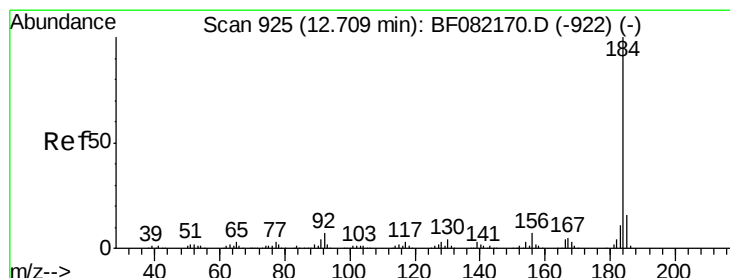
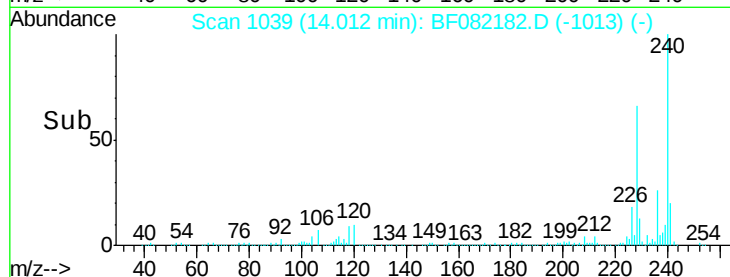
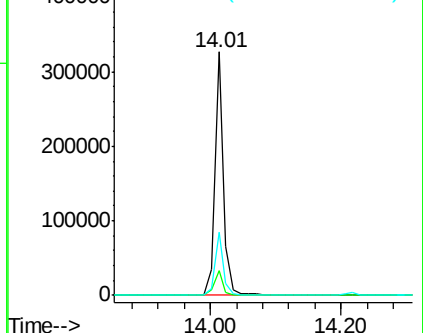
236 26.1 21.3 31.9



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: 29.69 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

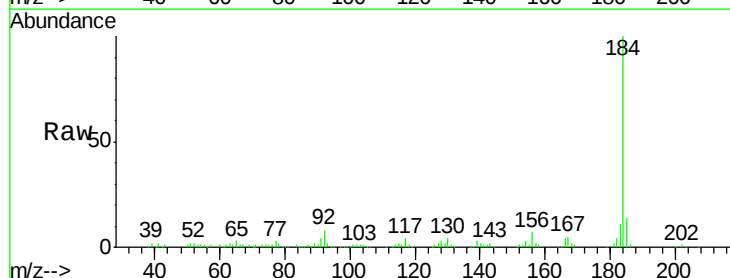
Tgt Ion:184 Resp: 264453

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

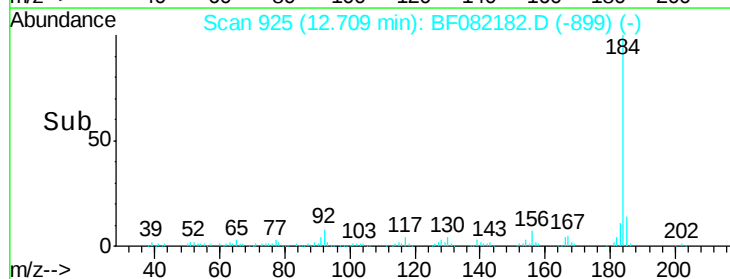
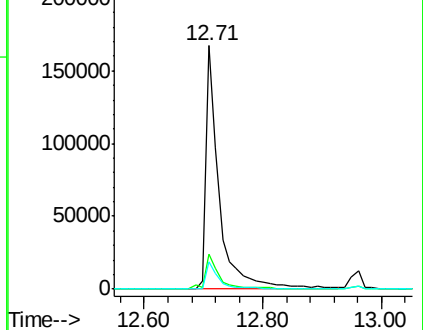
183 11.2 9.1 13.7

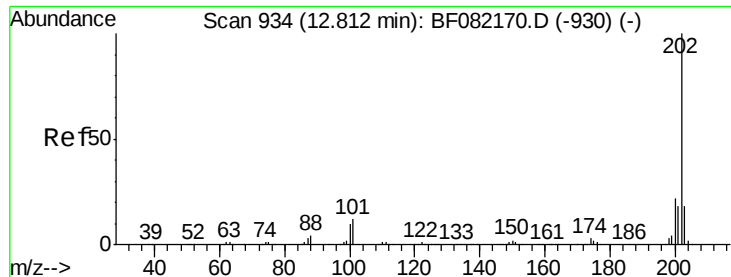


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

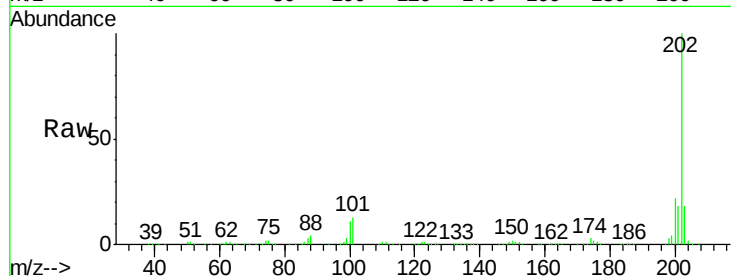




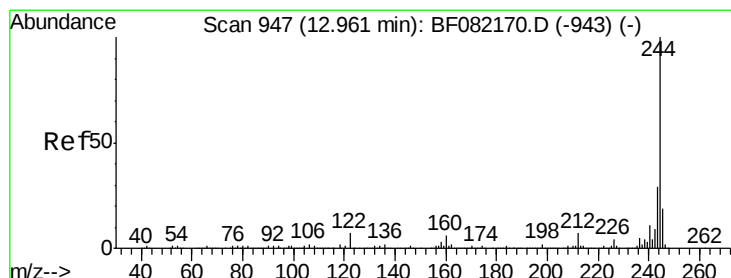
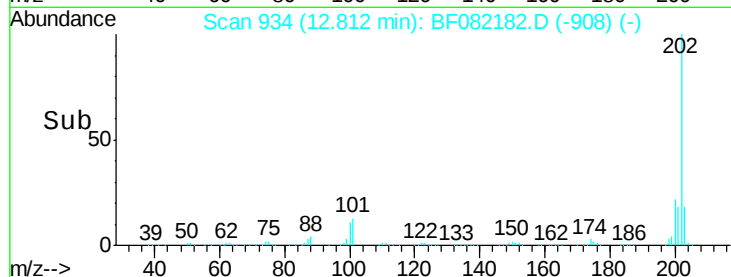
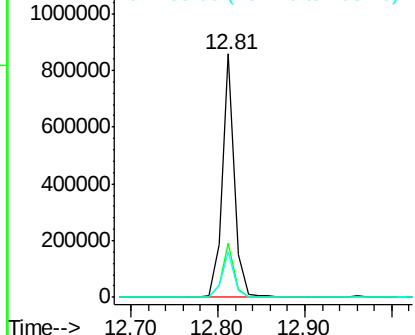
#77
Pvrene
Concen: 46.02 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 839421
Ion Ratio Lower Upper
202 100
200 22.2 17.9 26.9
203 18.4 14.5 21.7

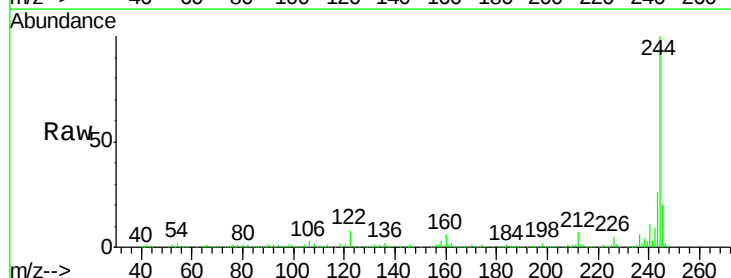


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

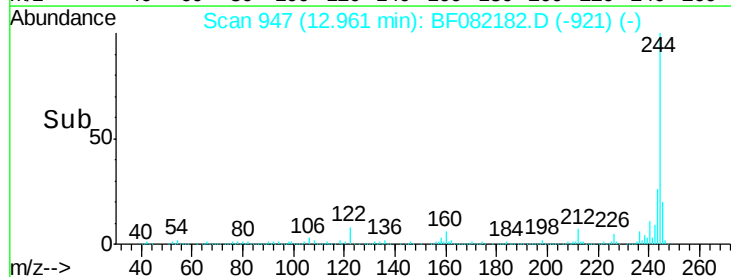
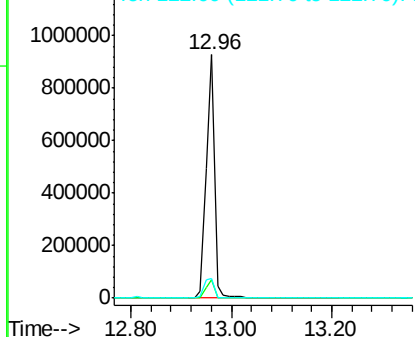


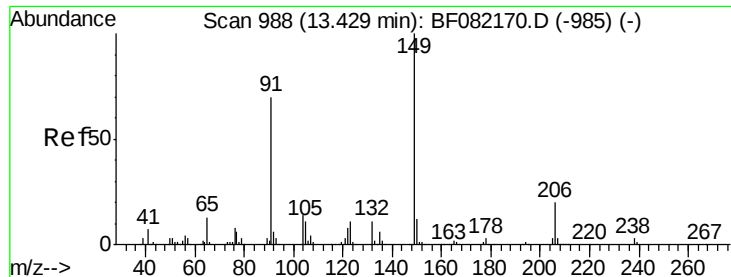
#78
Terphenyl-d14
Concen: 91.65 ng
RT: 12.96 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:244 Resp: 1063116
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 8.2 5.9 8.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.94 ng

RT: 13.43 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

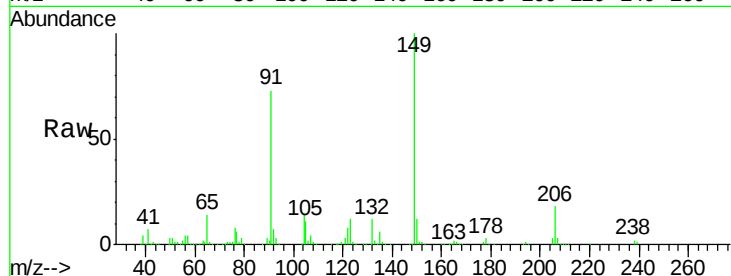
Tot Ion:149 Resp: 382475

Ion Ratio Lower Upper

149 100

91 72.9 55.7 83.5

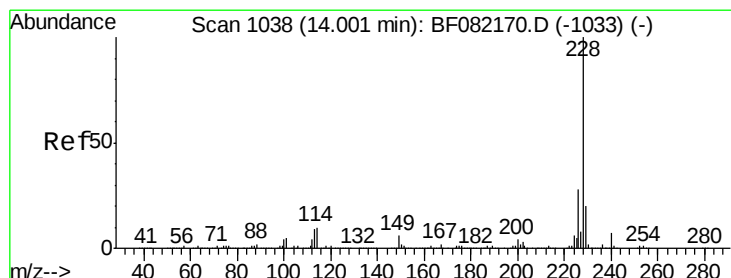
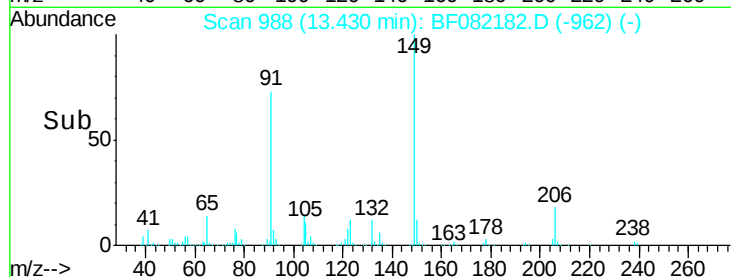
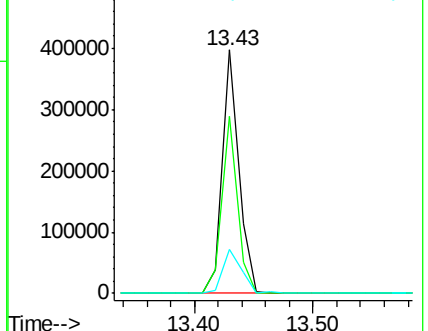
206 18.0 15.6 23.4



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: 46.22 ng

RT: 14.00 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

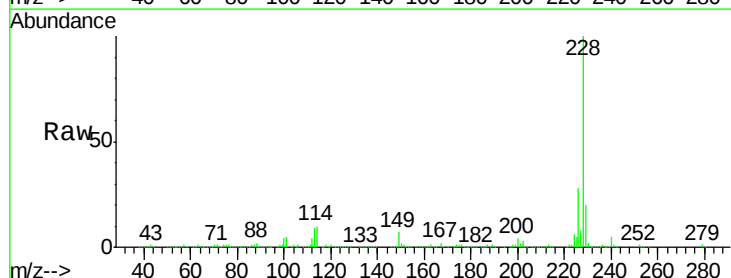
Tgt Ion:228 Resp: 739209

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

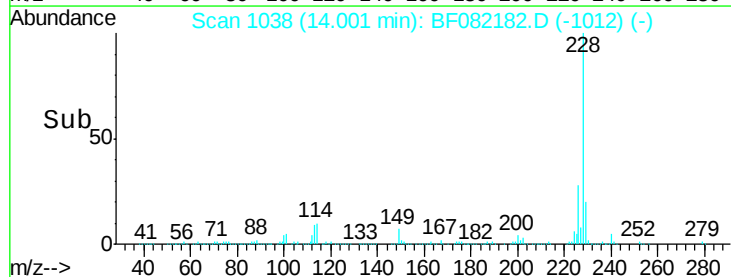
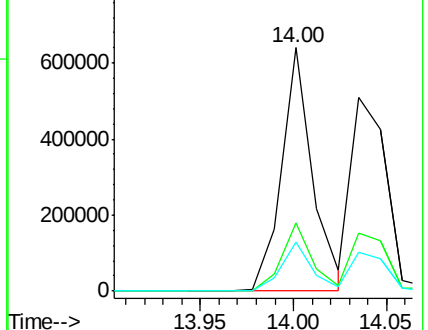
229 20.3 16.2 24.2

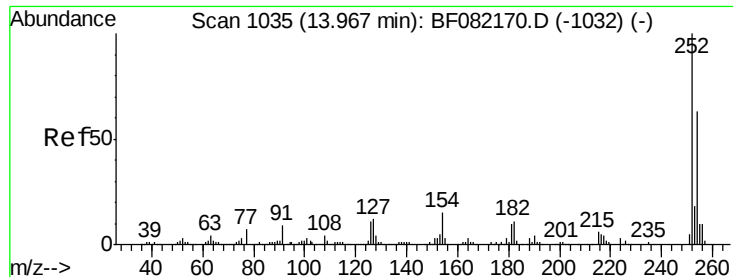


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

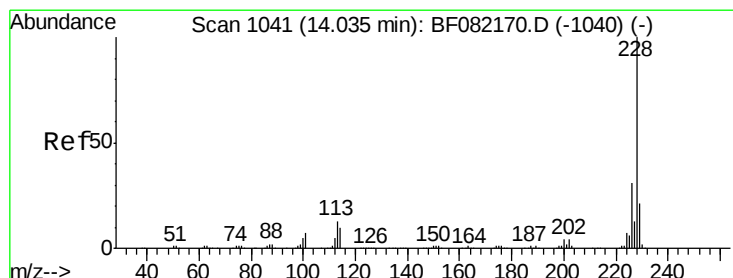
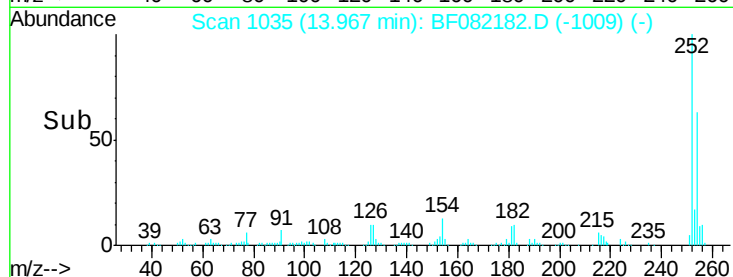
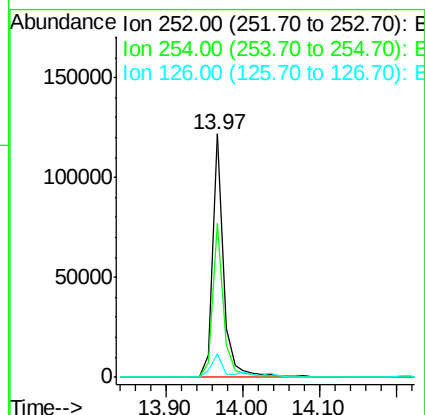
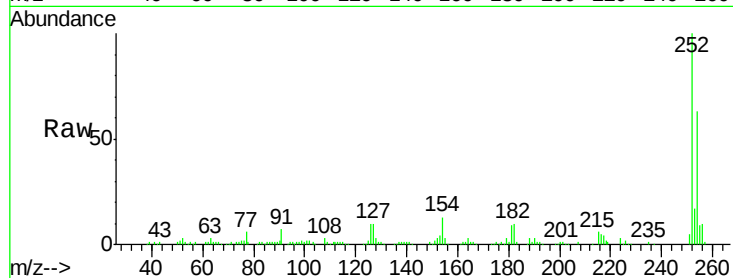




#81
 3,3'-Dichlorobenzidine
 Concen: 19.92 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

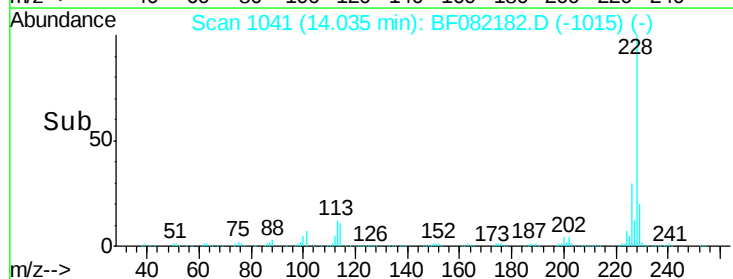
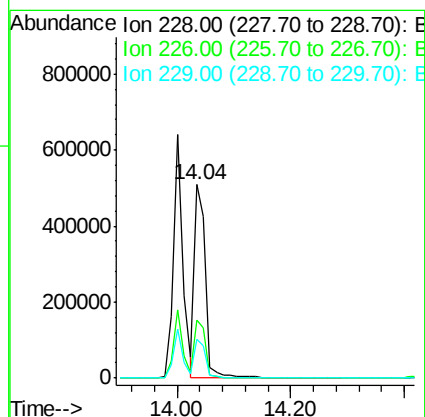
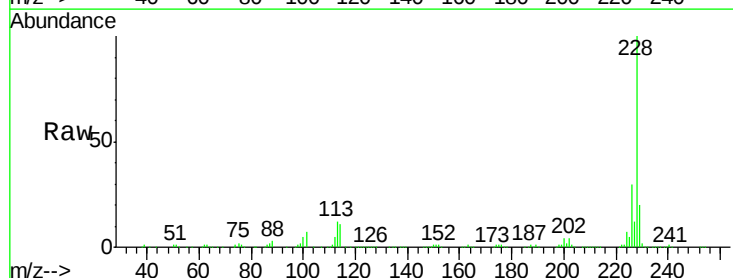
Instrument :
 BNA_F
 ClientSampleId :

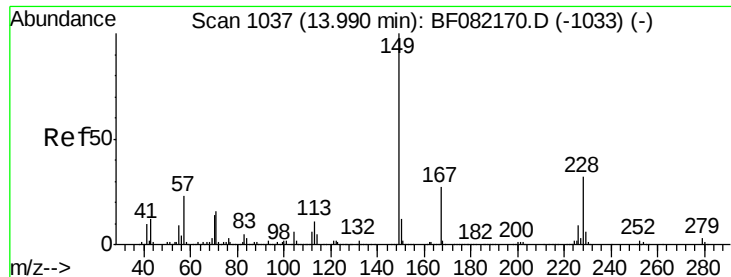
Tot Ion:252 Resp: 120944
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.7 76.1
 126 9.6 9.0 13.6



#82
 Chrysene
 Concen: 41.63 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Tgt Ion:228 Resp: 701545
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.4 36.6
 229 20.2 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.15 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

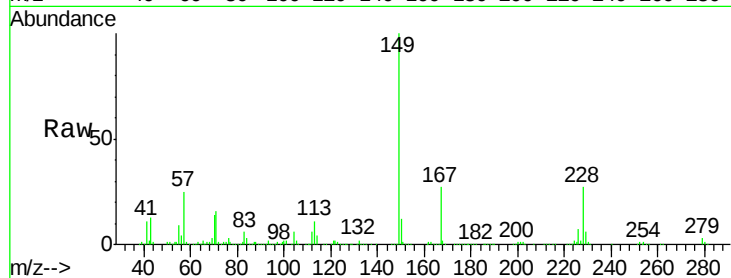
Tot Ion:149 Resp: 560025

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

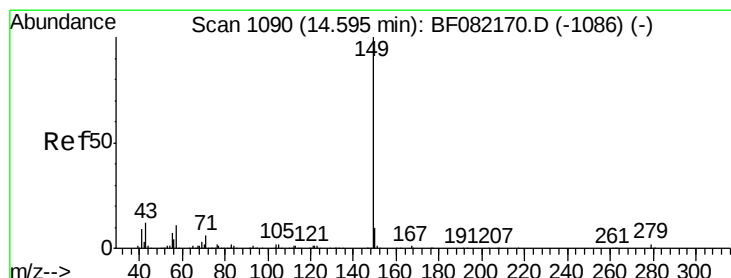
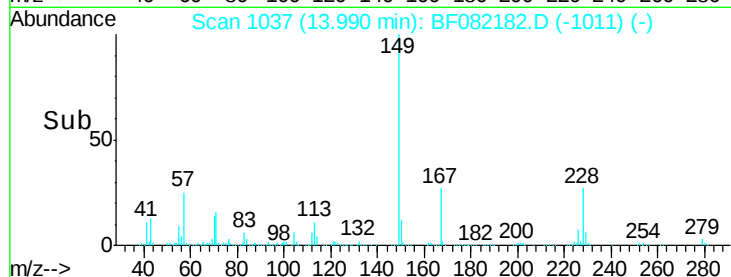
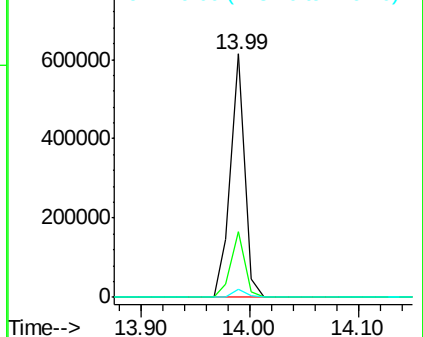
279 3.4 2.6 4.0



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: 44.61 ng

RT: 14.61 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

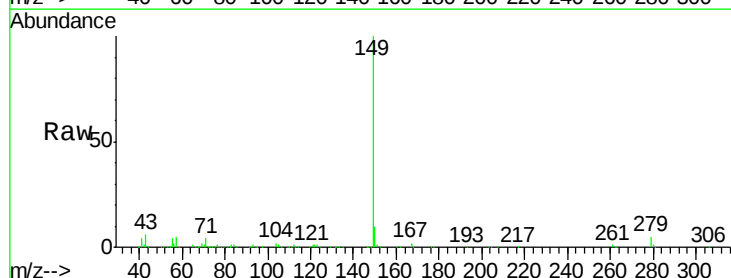
Tgt Ion:149 Resp: 909906

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

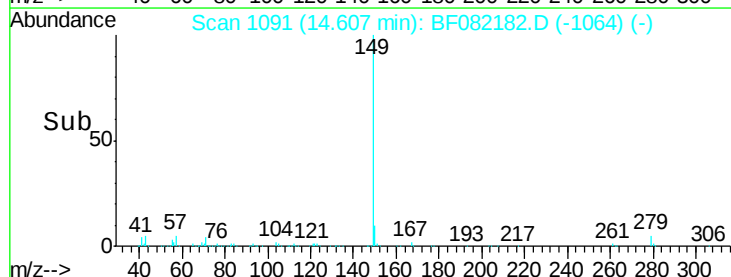
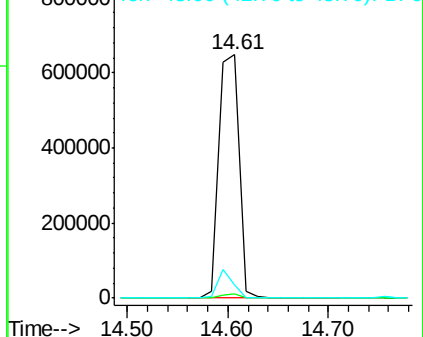
43 9.0 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

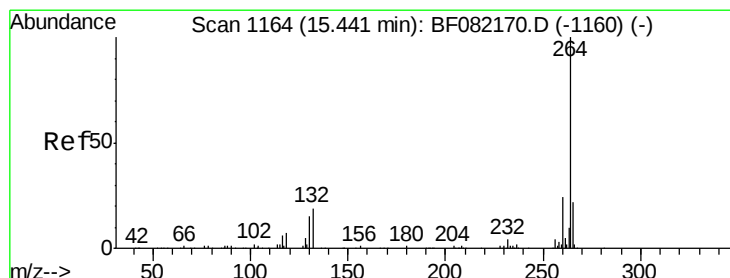
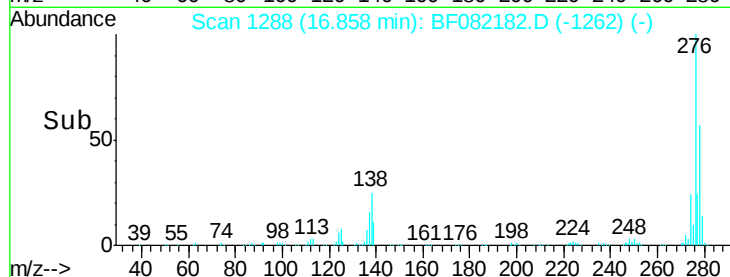
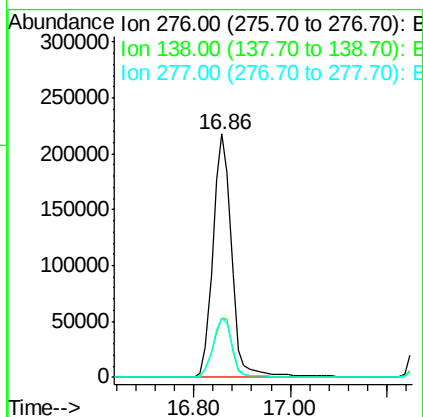
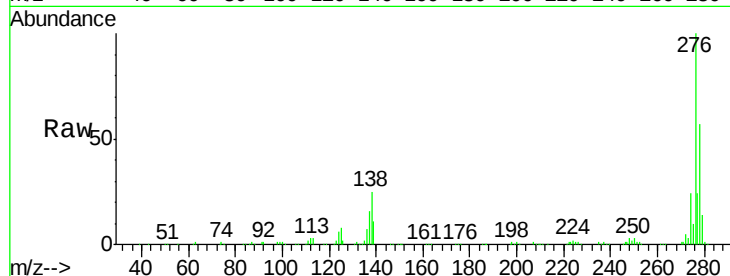




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.52 ng
RT: 16.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

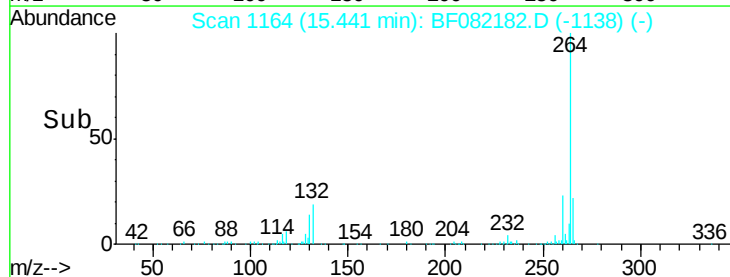
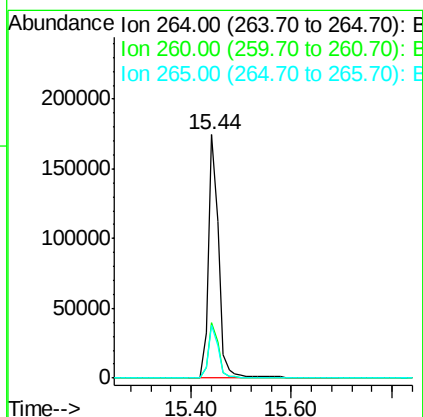
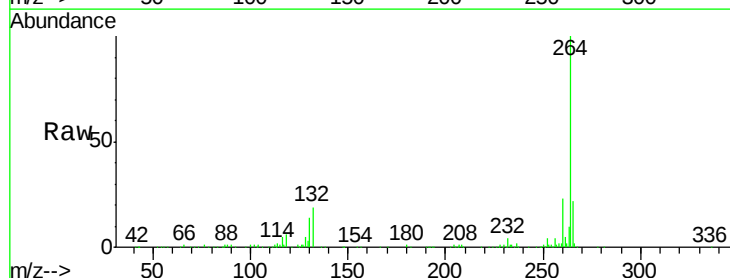
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 596291
Ion Ratio Lower Upper
276 100
138 25.2 19.7 29.5
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:264 Resp: 247055
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 21.6 17.3 25.9

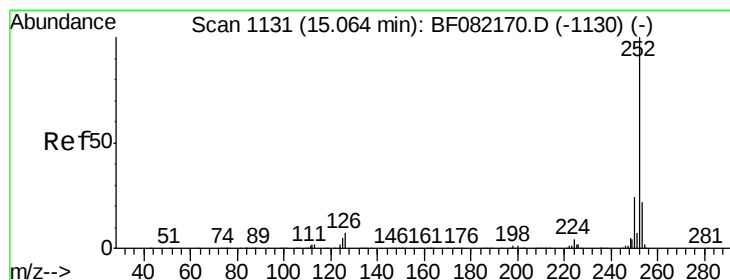
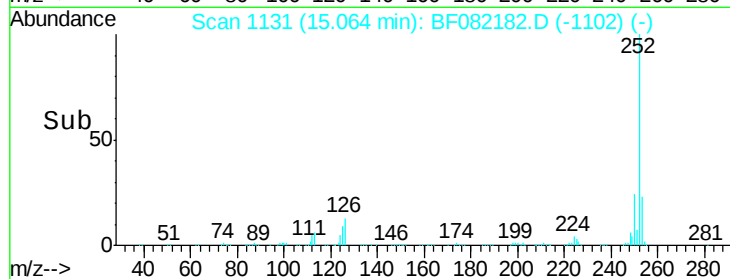
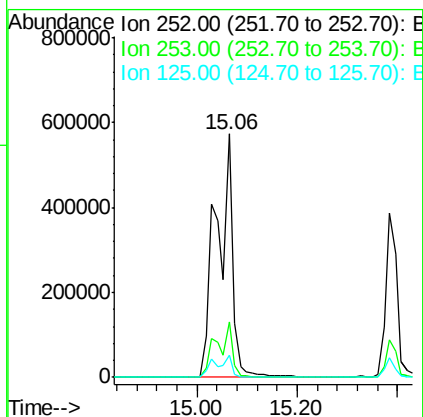
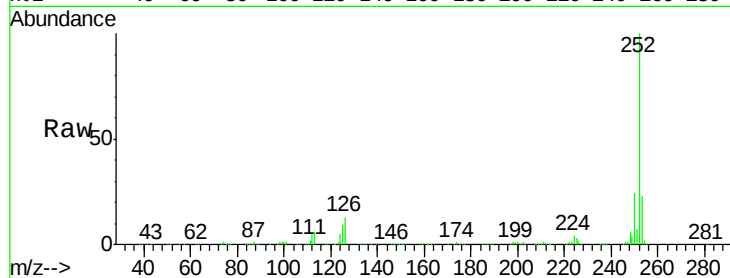




#87
Benzo(b)fluoranthene
Concen: 86.79 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

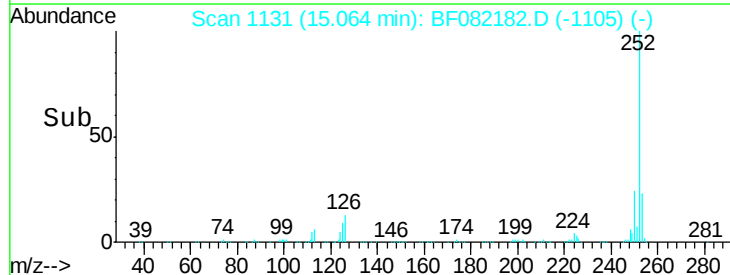
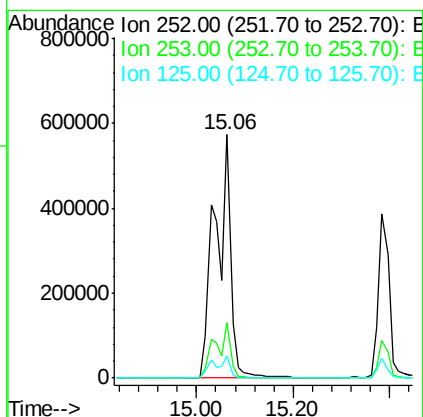
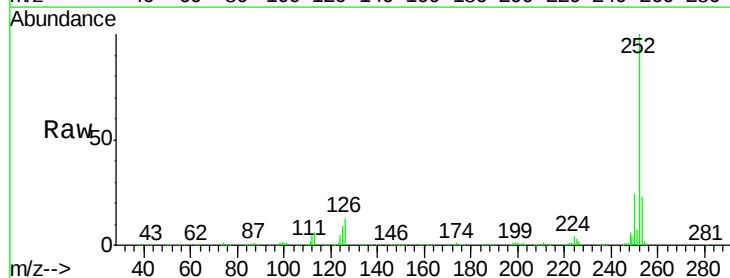
Instrument :
BNA_F
ClientSampleId :

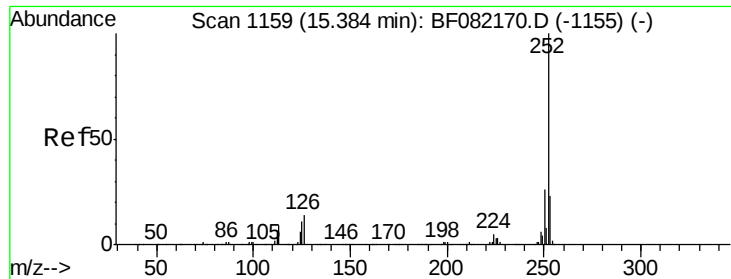
Tot Ion:252 Resp: 1304498
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 9.1 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 103.31 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082182.D
Acq: 10 Oct 2015 18:08

Tgt Ion:252 Resp: 1305222
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 9.1 6.7 10.1





#89

Benzo(a)pyrene

Concen: 47.19 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

Instrument :

BNA_F

ClientSampleId :

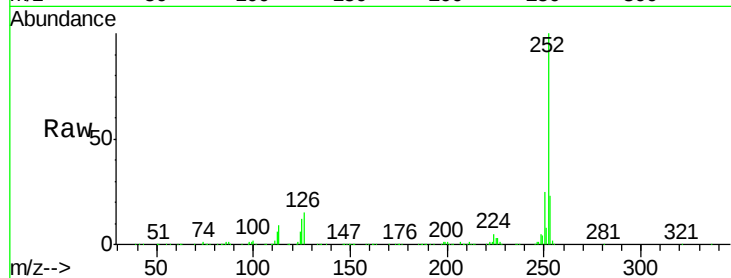
Tot Ion:252 Resp: 609580

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

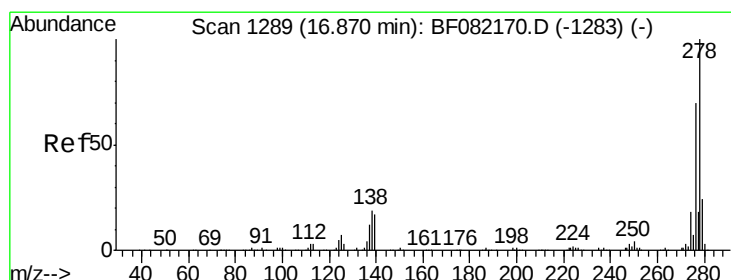
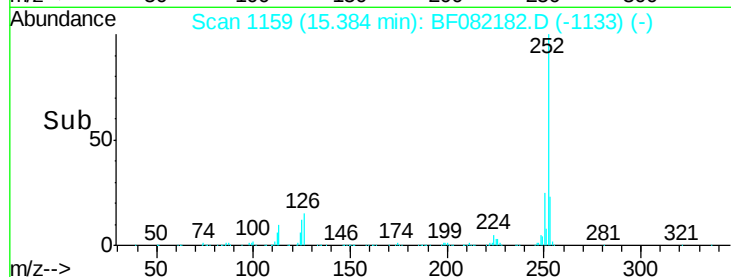
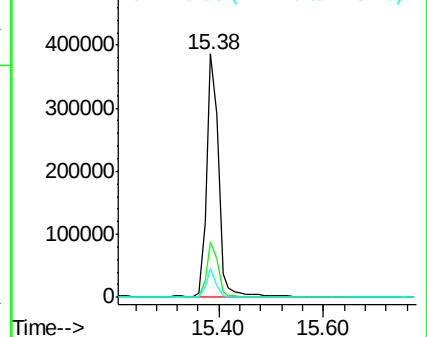
125 11.8 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.34 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF082182.D

Acq: 10 Oct 2015 18:08

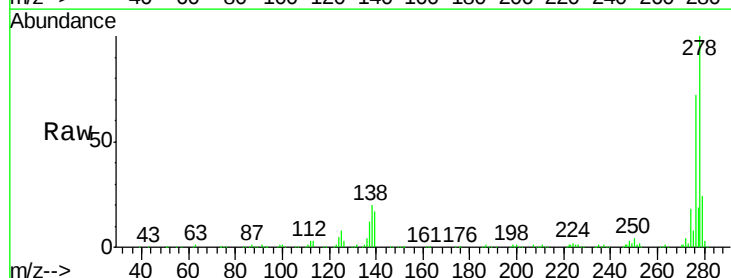
Tgt Ion:278 Resp: 501174

Ion Ratio Lower Upper

278 100

139 17.0 13.3 19.9

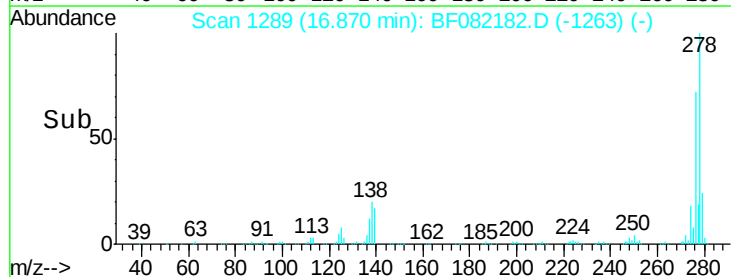
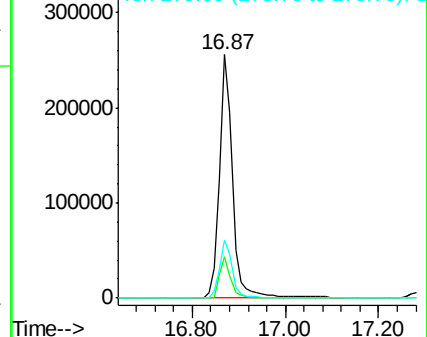
279 24.0 18.9 28.3

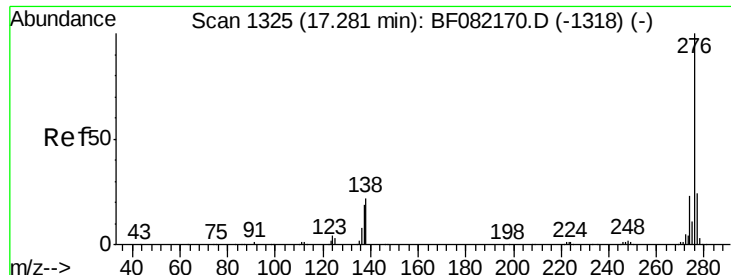


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

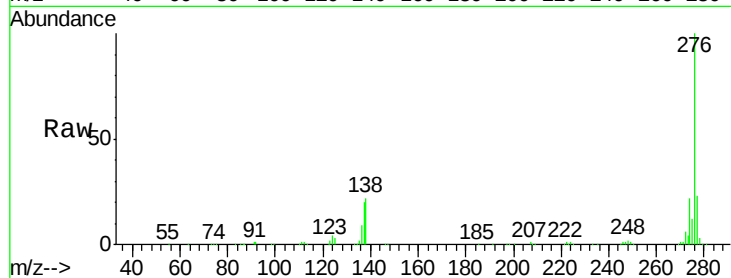




#91
 Benzo(a,h,i)perylene
 Concen: 47.61 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082182.D
 Acq: 10 Oct 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	22.1	17.4	26.2



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

