

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082080.D
 Acq On : 6 Oct 2015 13:05
 Operator : UM/IZ
 Sample : PB85910BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Quant Time: Oct 07 02:02:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	80683	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	333816	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	164642	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	323847	20.00	ng	0.00
75) Chrysene-d12	14.06	240	295895	20.00	ng	-0.01
86) Perylene-d12	15.51	264	265455	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	524901	118.10	ng	0.01
7) Phenol-d6	6.51	99	706516	126.33	ng	0.00
23) Nitrobenzene-d5	7.45	82	413777	82.63	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	193952	116.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	816123	82.47	ng	0.00
78) Terphenyl-d14	13.01	244	1004280	125.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	61787	31.97	ng	88
3) Pyridine	3.27	79	178586	35.49	ng	# 84
4) n-Nitrosodimethylamine	3.22	42	75443	33.01	ng	96
6) Aniline	6.55	93	187029	24.89	ng	# 90
8) 2-Chlorophenol	6.66	128	200687	40.89	ng	# 81
9) Benzaldehyde	6.43	77	35302	9.64	ng	# 88
10) Phenol	6.54	94	249325	39.74	ng	# 65
11) bis(2-Chloroethyl)ether	6.62	93	201749	41.47	ng	96
12) 1,3-Dichlorobenzene	6.82	146	238827	41.19	ng	# 95
13) 1,4-Dichlorobenzene	6.90	146	249174	41.16	ng	96
14) 1,2-Dichlorobenzene	6.90	146	251683	46.66	ng	98
15) Benzyl Alcohol	7.03	79	168178	41.66	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.17	45	299105	43.49	ng	82
17) 2-Methylphenol	7.14	107	175852	44.19	ng	# 85
18) Hexachloroethane	7.39	117	84828	44.76	ng	# 80
19) n-Nitroso-di-n-propylamine	7.30	70	147135	43.29	ng	# 76
20) 3+4-Methylphenols	7.29	107	203278	40.44	ng	# 58
22) Acetophenone	7.29	105	283958	41.60	ng	# 73
24) Nitrobenzene	7.47	77	222226	40.87	ng	# 76
25) Isophorone	7.71	82	393366	39.63	ng	# 98
26) 2-Nitrophenol	7.78	139	112298	43.02	ng	# 54
27) 2,4-Dimethylphenol	7.83	122	201299	43.84	ng	# 84
28) bis(2-Chloroethoxy)methane	7.92	93	235655	39.98	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	187623	42.14	ng	94
30) 1,2,4-Trichlorobenzene	8.11	180	209234	42.09	ng	99
31) Naphthalene	8.19	128	640220	43.28	ng	98
32) Benzoic acid	7.94	122	106087	40.06	ng	# 68
33) 4-Chloroaniline	8.25	127	109693	17.15	ng	# 96
34) Hexachlorobutadiene	8.31	225	127892	43.50	ng	98
35) Caprolactam	8.62	113	39703	32.21	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	196665	45.17	ng	86
37) 2-Methylnaphthalene	8.88	142	398651	39.48	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	215518	42.64	ng	98
40) Hexachlorocyclopentadiene	9.03	237	218965	84.12	ng	95

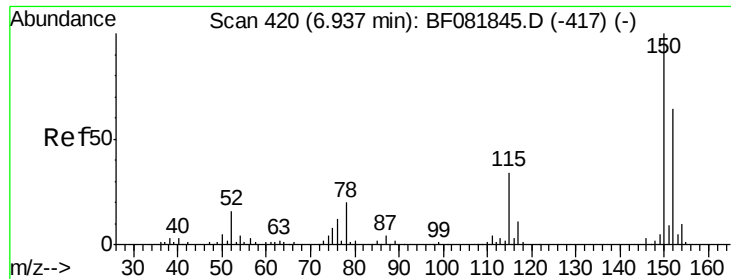
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082080.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	147021	42.43	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	157033	44.07	nq #	92
45) 1,1'-Biphenyl	9.35	154	520925	41.01	nq	95
46) 2-Chloronaphthalene	9.37	162	394854	39.59	nq #	93
47) 2-Nitroaniline	9.47	65	125896	43.00	nq #	76
48) Acenaphthylene	9.79	152	689187	43.17	nq	97
49) Dimethylphthalate	9.66	163	518407	45.62	nq #	97
50) 2,6-Dinitrotoluene	9.71	165	101575	41.17	nq #	59
51) Acenaphthene	9.97	154	410608	43.32	nq	89
52) 3-Nitroaniline	9.89	138	66878	23.43	nq #	70
53) 2,4-Dinitrophenol	10.00	184	116643	89.54	nq #	82
54) Dibenzofuran	10.14	168	594495	44.38	nq #	91
55) 4-Nitrophenol	10.06	139	171533	83.17	nq #	58
56) 2,4-Dinitrotoluene	10.13	165	153022	48.65	nq #	99
57) Fluorene	10.48	166	485555	50.96	nq	94
58) 2,3,4,6-Tetrachlorophenol	10.25	232	133633	47.28	nq	95
59) Diethylphthalate	10.35	149	507195	47.78	nq	98
60) 4-Chlorophenyl-phenylether	10.47	204	215952	44.03	nq	89
61) 4-Nitroaniline	10.50	138	114823	40.12	nq #	47
62) Azobenzene	10.63	77	470221	45.39	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	73340	49.53	nq	93
65) n-Nitrosodiphenylamine	10.59	169	426729	43.55	nq	92
66) 4-Bromophenyl-phenylether	10.96	248	144214	44.17	nq	99
67) Hexachlorobenzene	11.03	284	148871	40.40	nq #	75
68) Atrazine	11.12	200	139540	45.90	nq	84
69) Pentachlorophenol	11.22	266	177313	84.45	nq	99
70) Phenanthrene	11.44	178	663415	42.47	nq	96
71) Anthracene	11.50	178	787627	47.85	nq	98
72) Carbazole	11.66	167	661907	44.43	nq	97
73) Di-n-butylphthalate	11.98	149	795809	52.68	nq #	98
74) Fluoranthene	12.63	202	740242	42.67	nq	91
76) Benzidine	12.76	184	280431	31.45	nq	98
77) Pyrene	12.86	202	732430	41.43	nq	96
79) Butylbenzylphthalate	13.48	149	316842	47.63	nq #	87
80) Benzo(a)anthracene	14.05	228	708304	44.45	nq	96
81) 3,3'-Dichlorobenzidine	14.01	252	153589	28.54	nq #	95
82) Chrysene	14.09	228	732088	Below	Cal	95
83) Bis(2-ethylhexyl)phthalate	14.04	149	463219	55.52	nq #	95
84) Di-n-octyl phthalate	14.64	149	760000	55.97	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.95	276	591108	47.42	nq #	87
87) Benzo(b)fluoranthene	15.09	252	769679	50.78	nq #	88
88) Benzo(k)fluoranthene	15.09	252	769679	55.41	nq #	89
89) Benzo(a)pyrene	15.45	252	625411	47.57	nq #	86
90) Dibenzo(a,h)anthracene	16.96	278	485089	43.98	nq #	81
91) Benzo(g,h,i)perylene	17.38	276	476100	42.12	nq #	75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

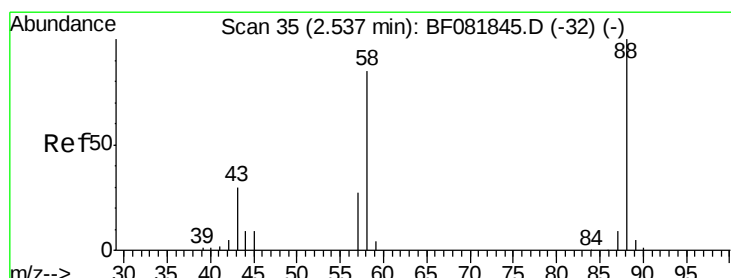
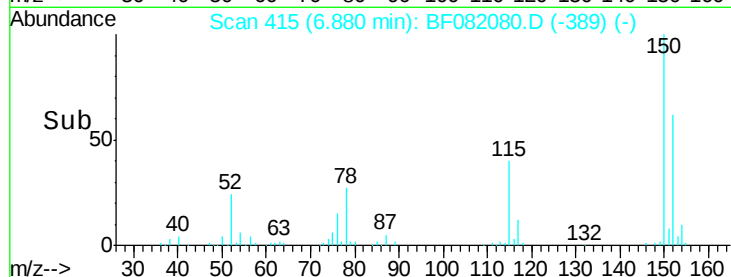
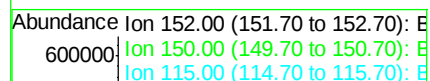
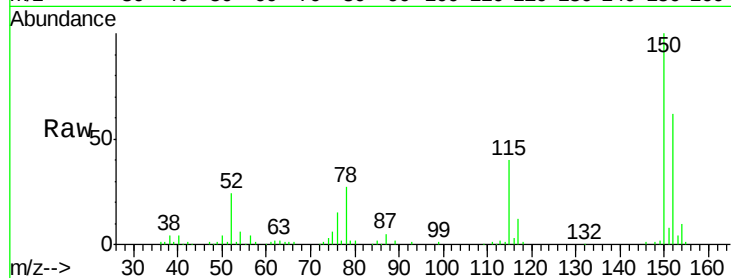
Tot Ion:152 Resp: 80683

Ion Ratio Lower Upper

152 100

150 160.6 124.7 187.1

115 63.5 39.0 58.4#



#2

1,4-Dioxane

Concen: 31.97 ng

RT: 2.53 min Scan# 34

Delta R.T. 0.07 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

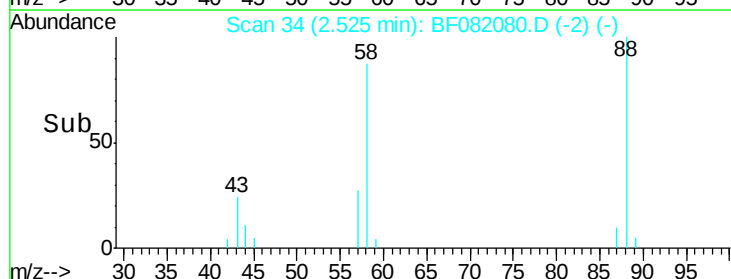
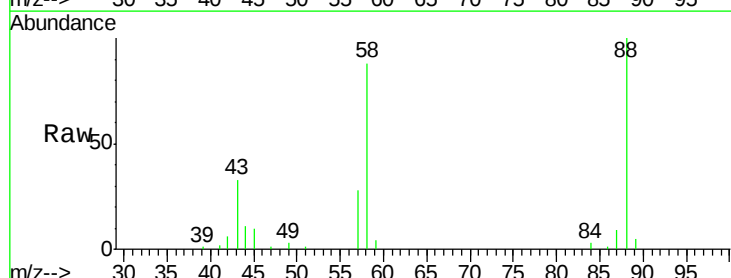
Tgt Ion: 88 Resp: 61787

Ion Ratio Lower Upper

88 100

58 84.0 77.7 116.5

43 29.6 26.6 40.0





#3

Pvridine

Concen: 35.49 ng

RT: 3.27 min Scan# 99

Delta R.T. 0.07 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

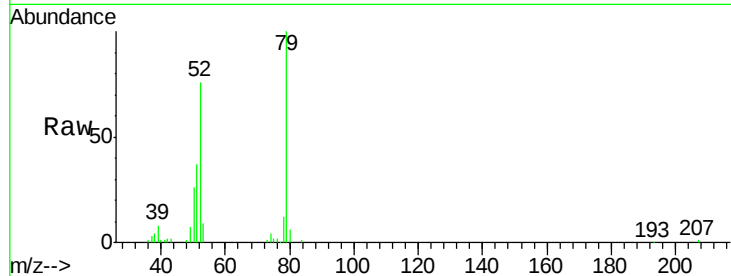
Tot Ion: 79 Resp: 178586

Ion Ratio Lower Upper

79 100

52 75.9 76.8 115.2#

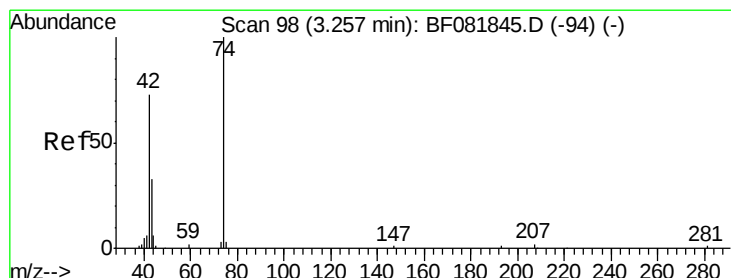
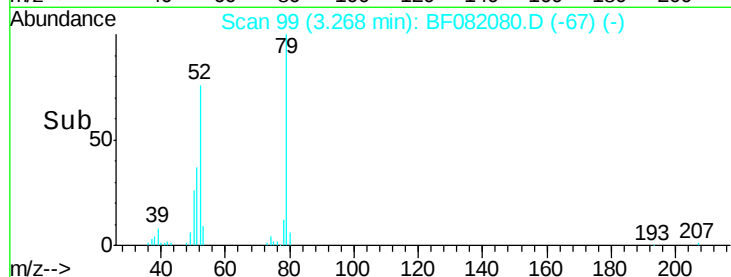
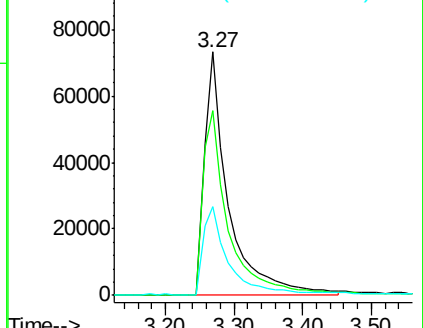
51 36.7 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.01 ng

RT: 3.22 min Scan# 95

Delta R.T. 0.07 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

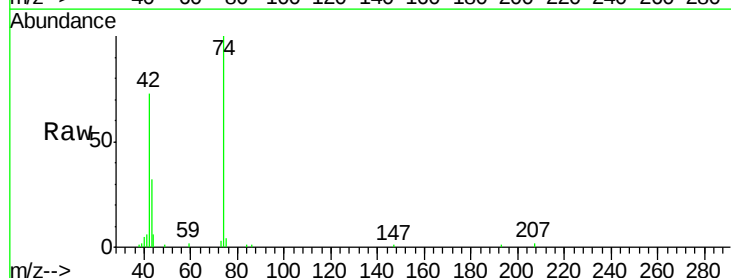
Tgt Ion: 42 Resp: 75443

Ion Ratio Lower Upper

42 100

74 136.7 105.0 157.6

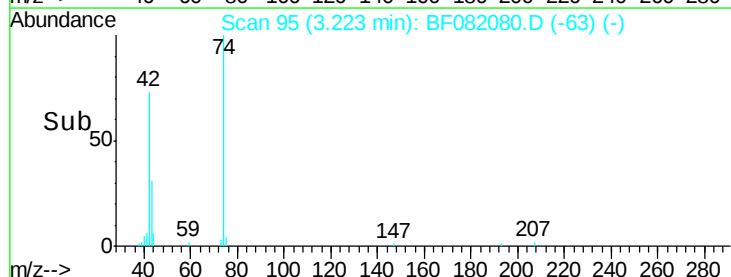
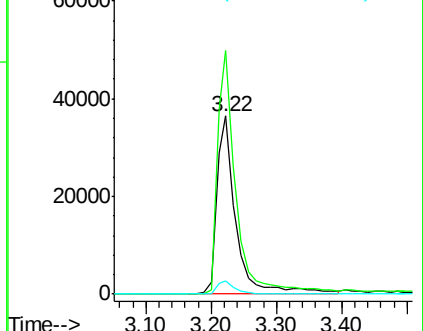
44 7.7 6.6 10.0

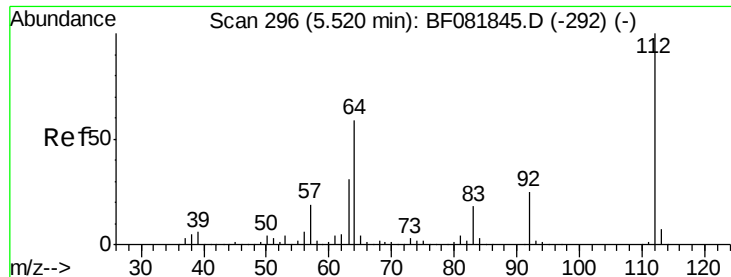


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.10 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

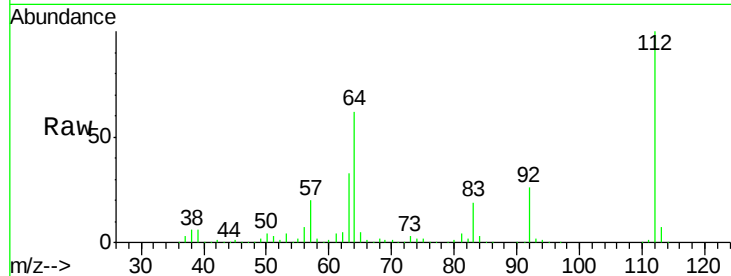
Tot Ion:112 Resp: 524901

Ion Ratio Lower Upper

112 100

64 61.7 39.7 59.5#

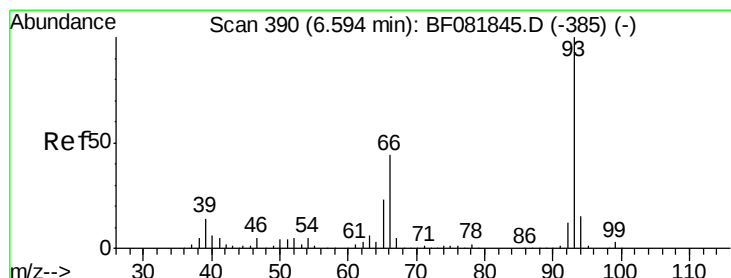
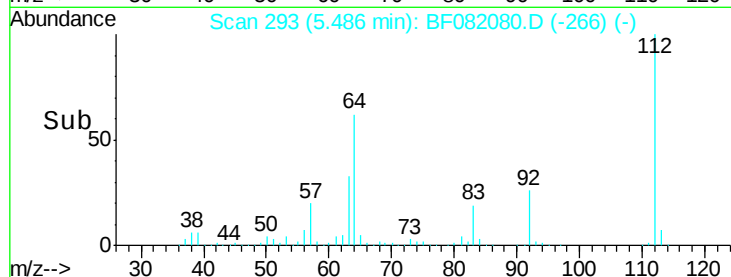
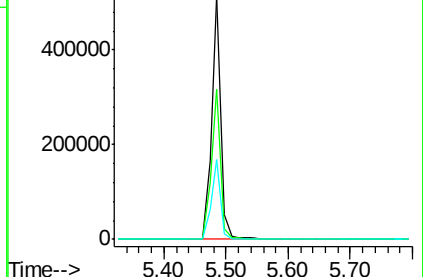
63 32.6 17.4 26.0#



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: 24.89 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

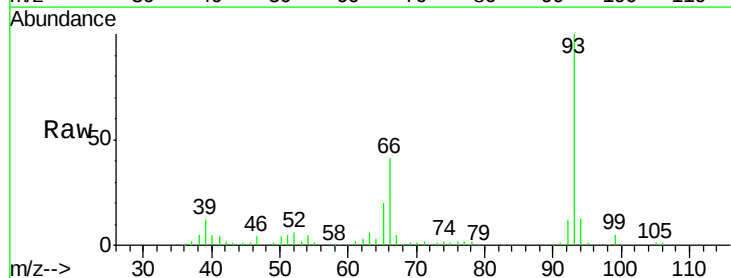
Tgt Ion: 93 Resp: 187029

Ion Ratio Lower Upper

93 100

66 41.0 27.2 40.8#

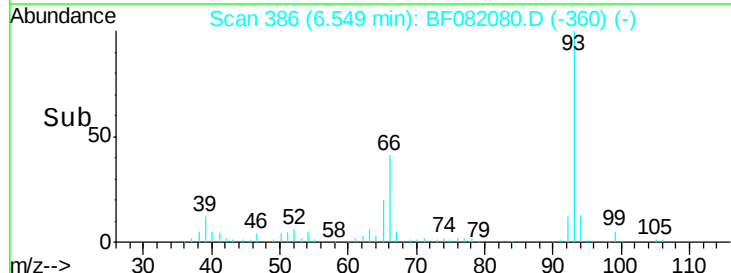
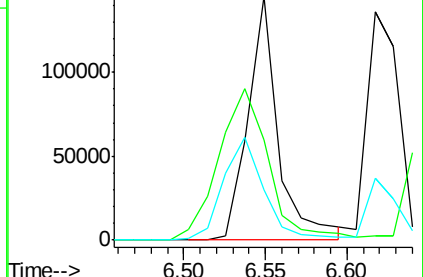
65 20.5 14.7 22.1

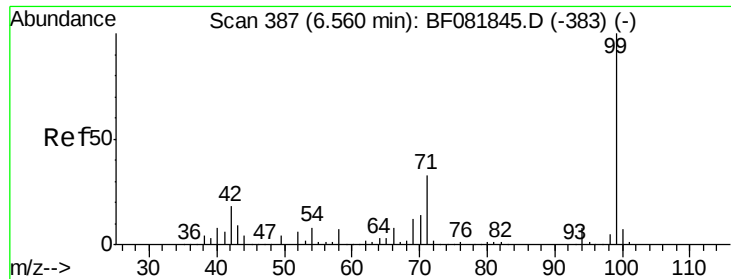


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.33 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

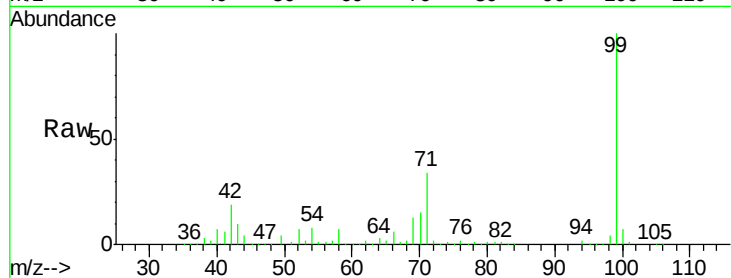
Tot Ion: 99 Resp: 706516

Ion Ratio Lower Upper

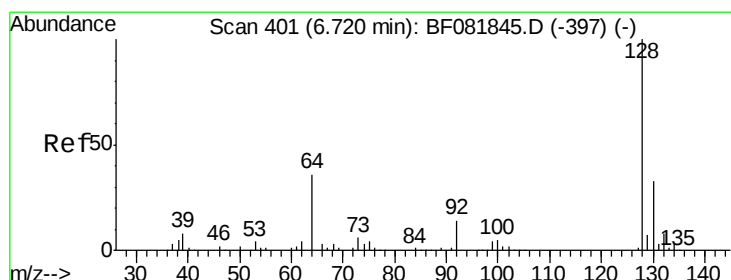
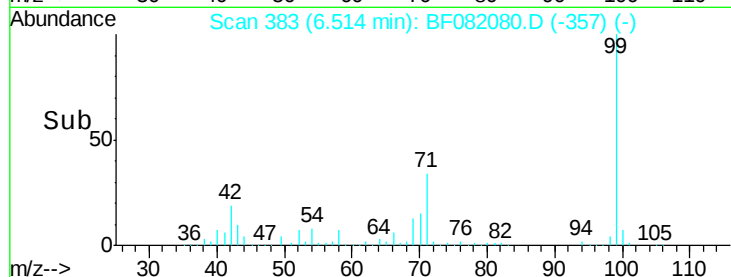
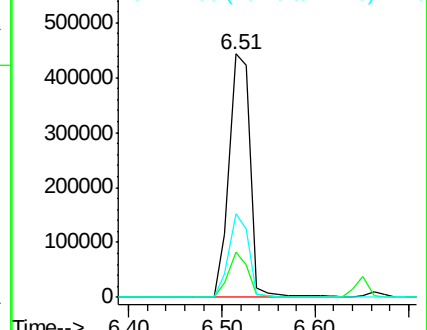
99 100

42 18.8 13.7 20.5

71 34.3 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 40.89 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

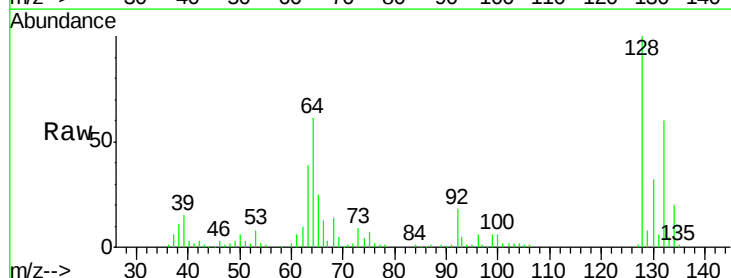
Tgt Ion: 128 Resp: 200687

Ion Ratio Lower Upper

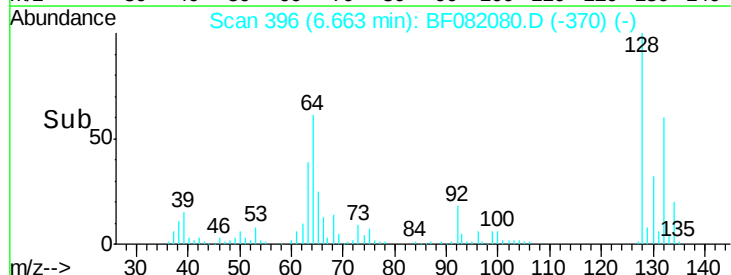
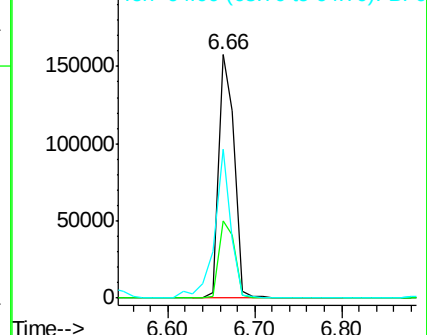
128 100

130 31.9 12.2 52.2

64 61.2 20.5 60.5#



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

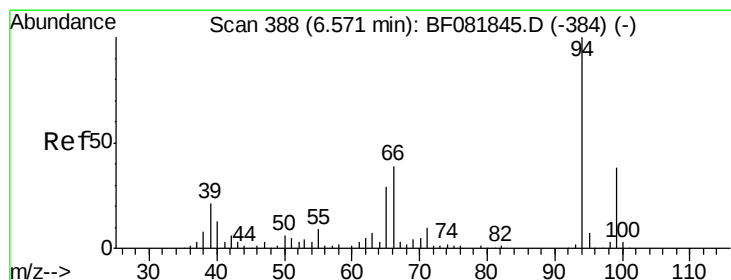
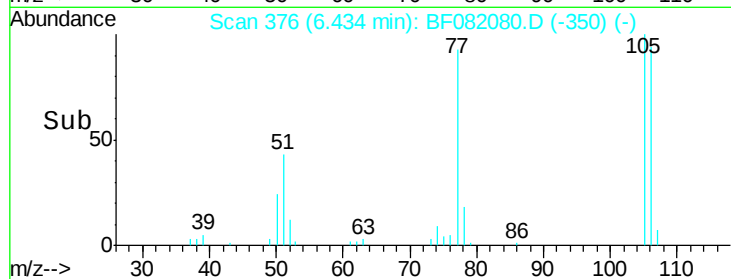
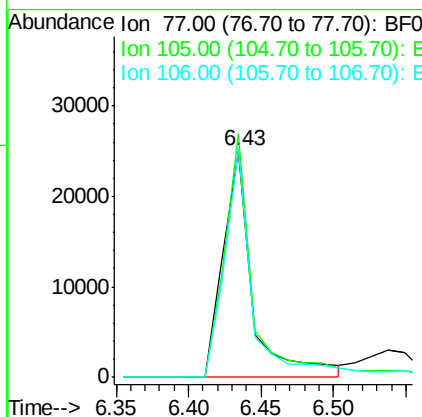
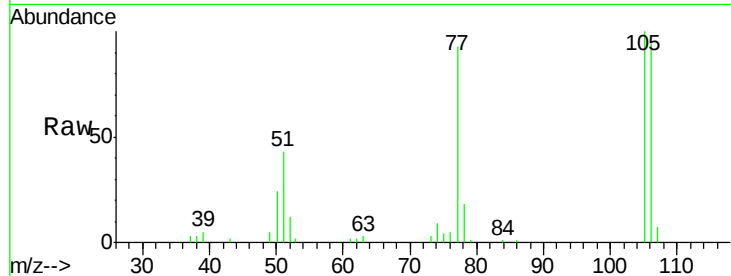




#9
Benzaldehyde
Concen: 9.64 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

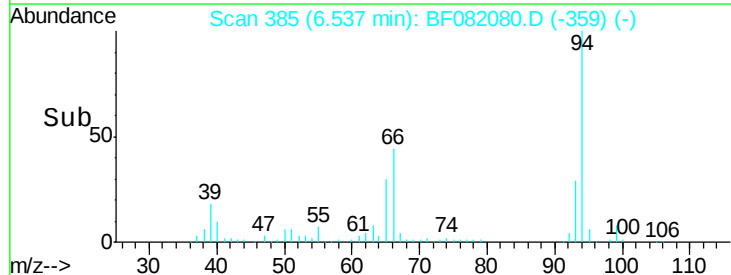
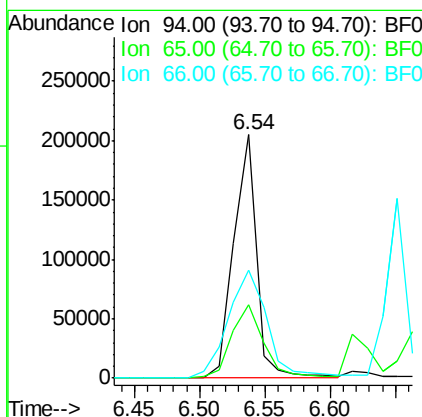
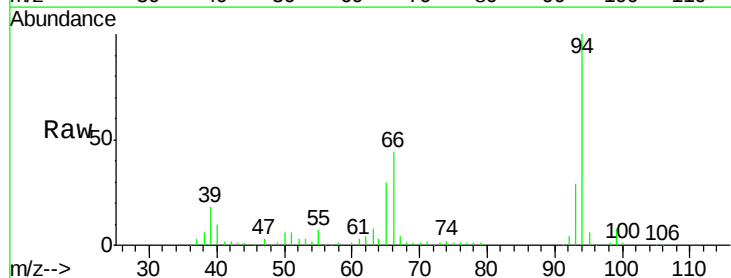
Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion: 77 Resp: 35302
Ion Ratio Lower Upper
77 100
105 107.7 91.6 131.6
106 101.1 102.6 142.6#



#10
Phenol
Concen: 39.74 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion: 94 Resp: 249325
Ion Ratio Lower Upper
94 100
65 30.0 0.7 40.7
66 44.1 0.8 40.8#

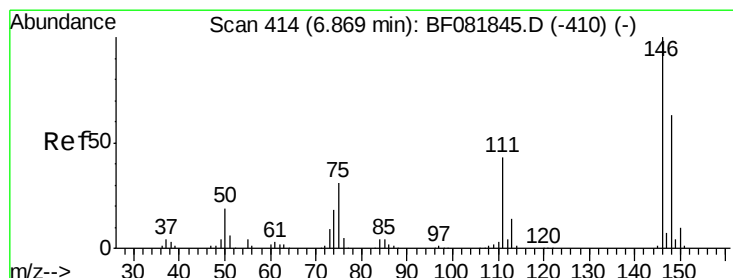
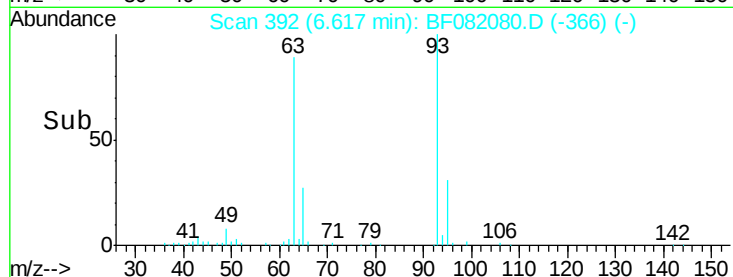
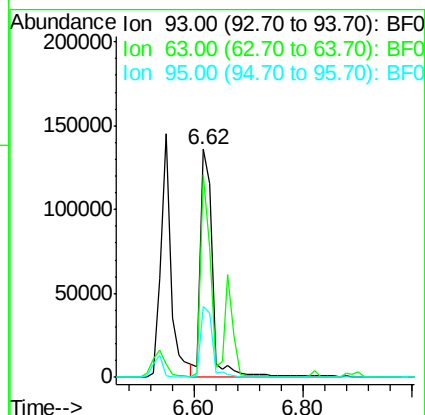
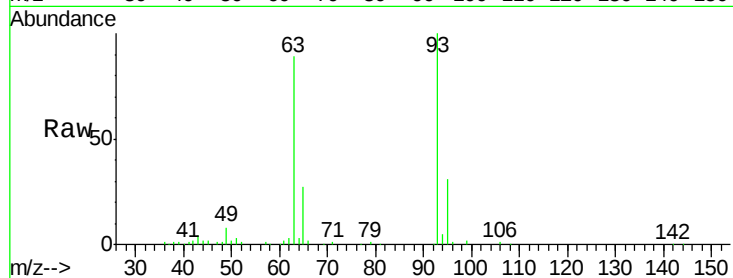




#11
bis(2-Chloroethyl)ether
Concen: 41.47 ng
RT: 6.62 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

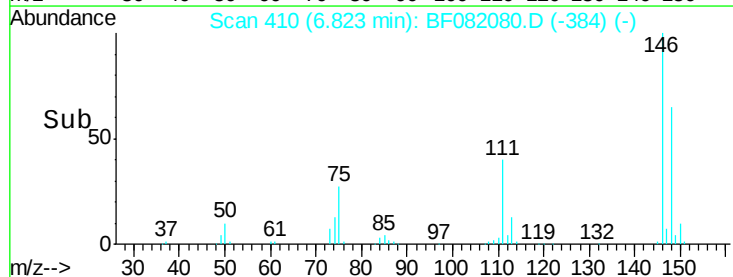
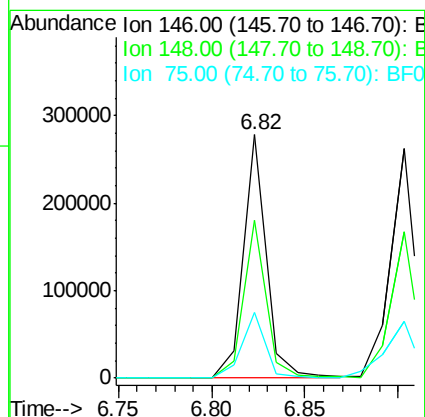
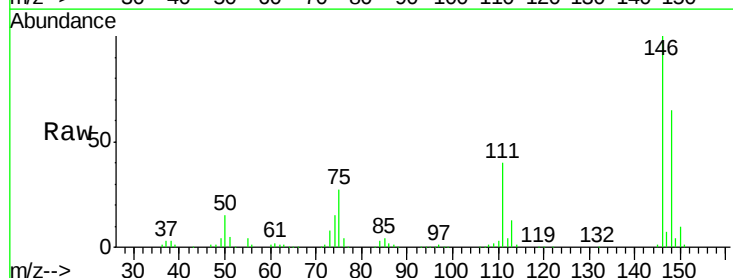
Instrument :
BNA_F
ClientSampleId :
PB85910BS

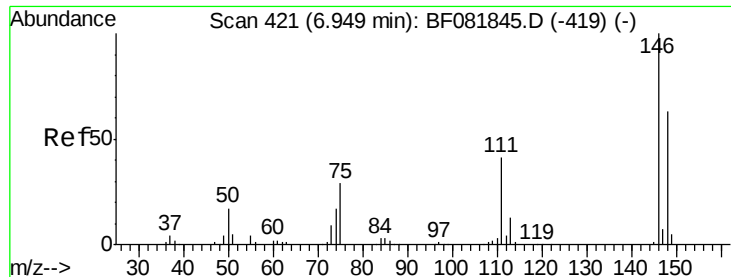
Tot Ion: 93 Resp: 201749
Ion Ratio Lower Upper
93 100
63 89.2 65.6 105.6
95 31.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.19 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion: 146 Resp: 238827
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 27.2 15.0 22.6#

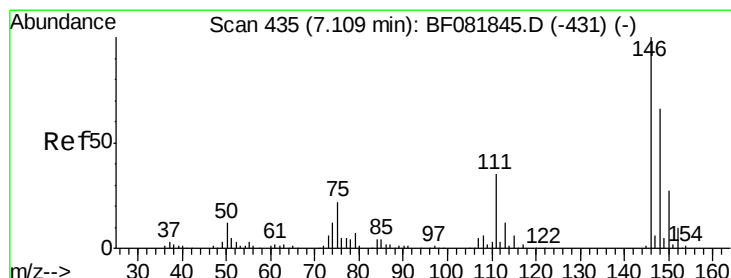
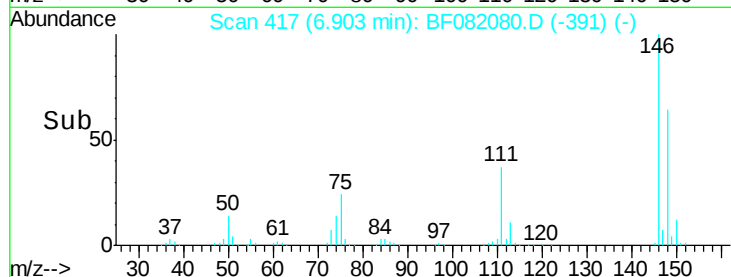
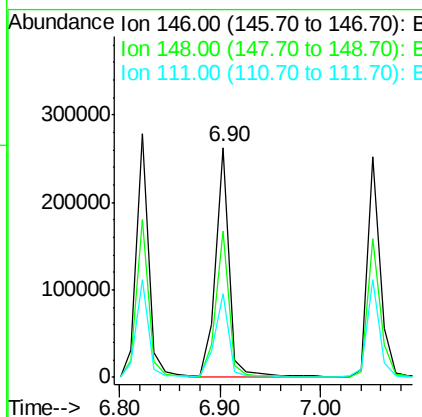
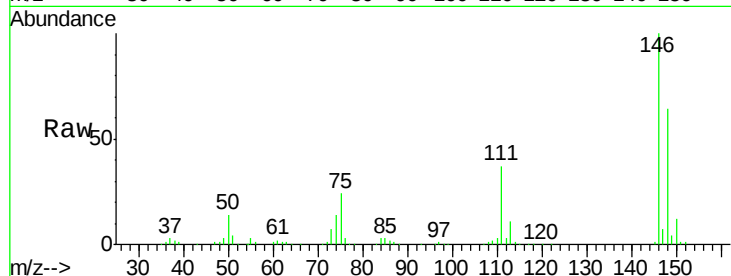




#13
 1,4-Dichlorobenzene
 Concen: 41.16 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

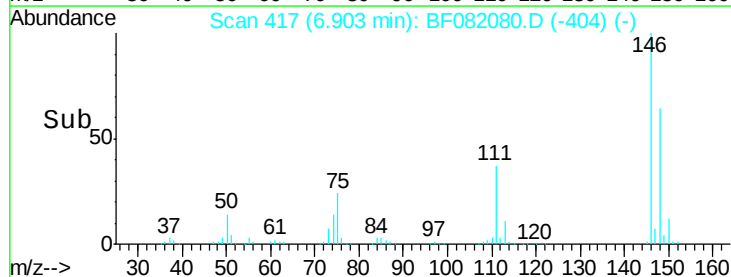
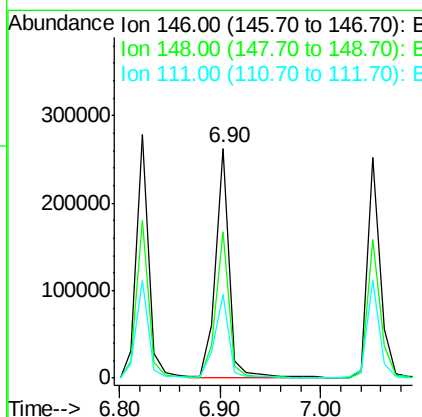
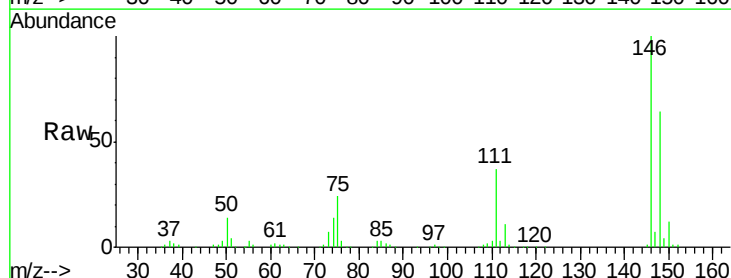
Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

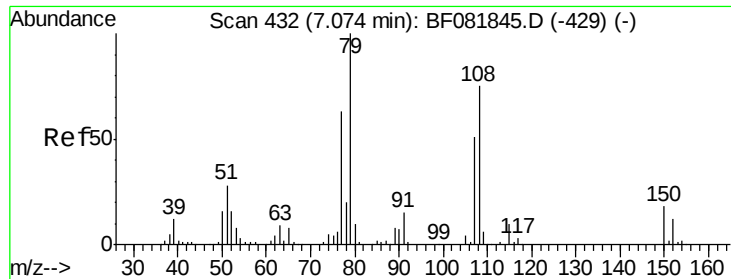
Tot Ion:146 Resp: 249174
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 36.6 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 46.66 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.15 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion:146 Resp: 251683
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.7 79.1
 111 36.6 28.8 43.2





#15

Benzyl Alcohol

Concen: 41.66 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

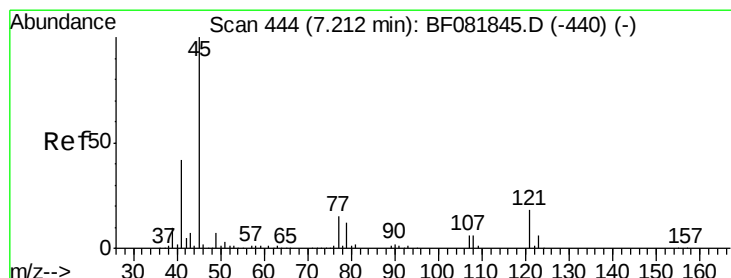
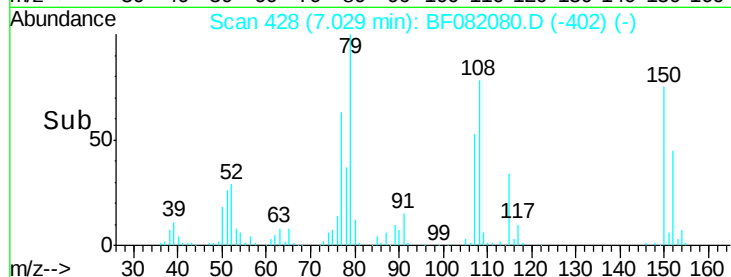
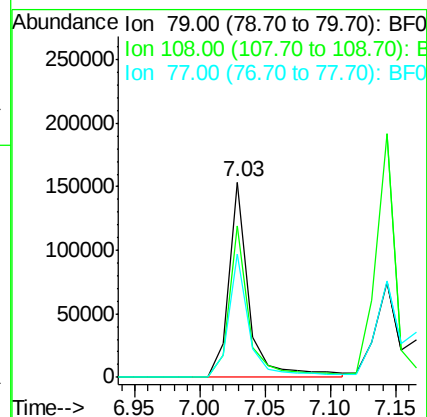
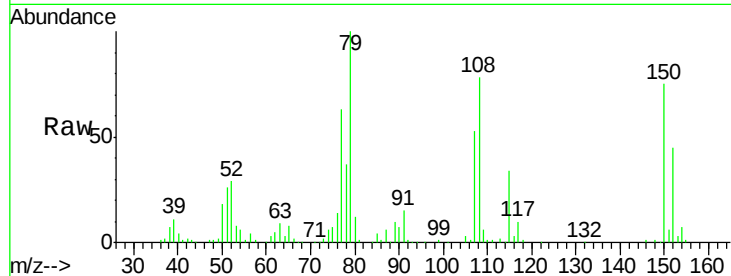
Tot Ion: 79 Resp: 168178

Ion Ratio Lower Upper

79 100

108 77.6 88.6 132.8#

77 62.9 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.49 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

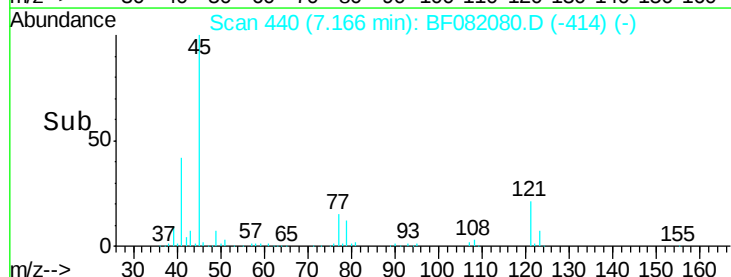
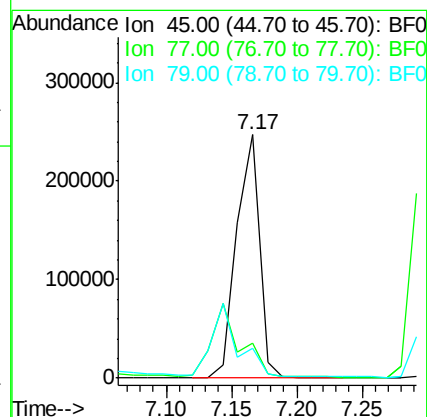
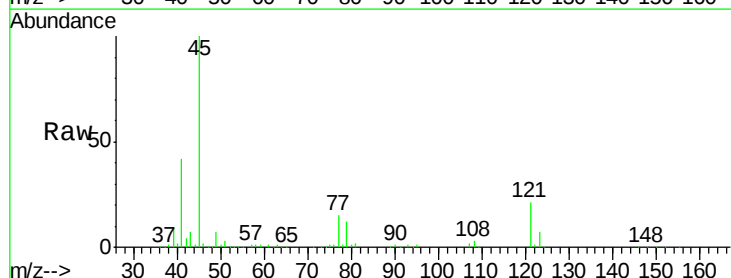
Tgt Ion: 45 Resp: 299105

Ion Ratio Lower Upper

45 100

77 14.6 0.0 28.1

79 12.1 0.0 26.0





#17

2-Methylphenol

Concen: 44.19 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampled :

PB85910BS

Tot Ion:107 Resp: 175852

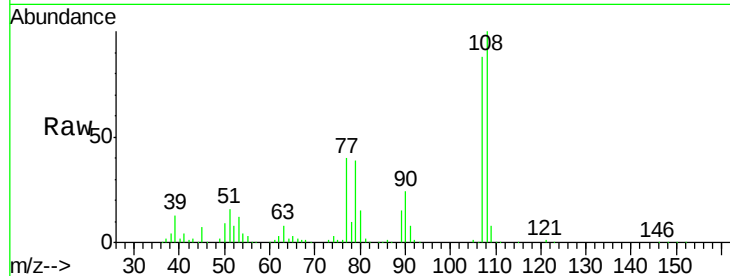
Ion Ratio Lower Upper

107 100

108 113.3 96.6 145.0

77 45.0 23.3 34.9#

79 44.5 22.0 33.0#

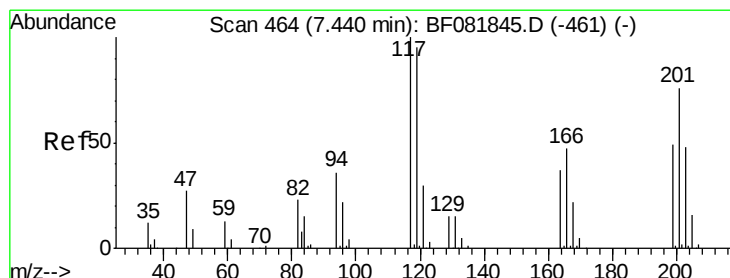
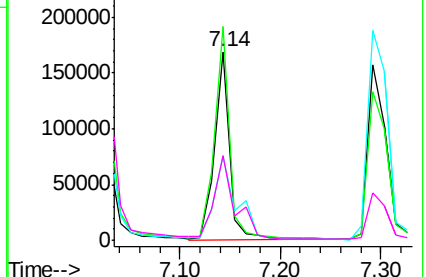
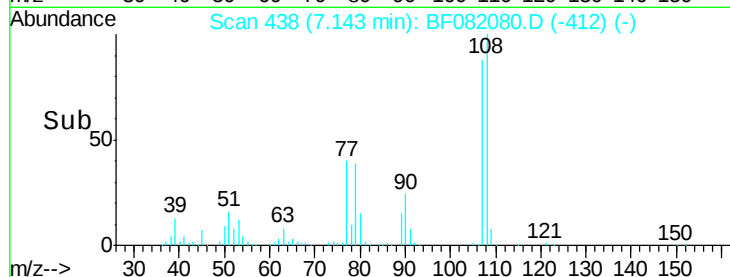


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.76 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

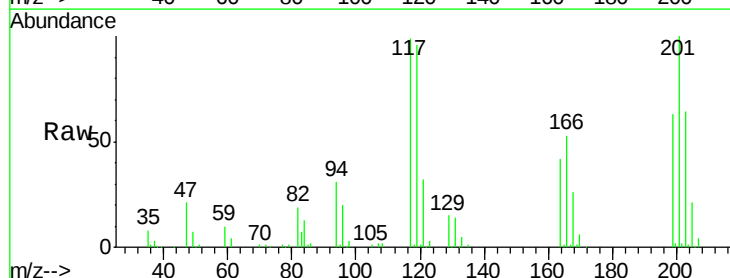
Tgt Ion:117 Resp: 84828

Ion Ratio Lower Upper

117 100

119 97.6 83.8 125.6

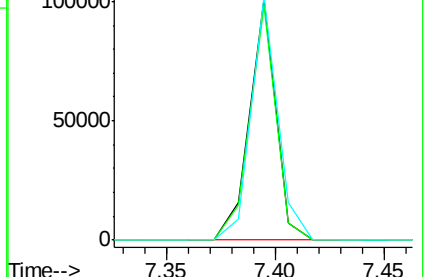
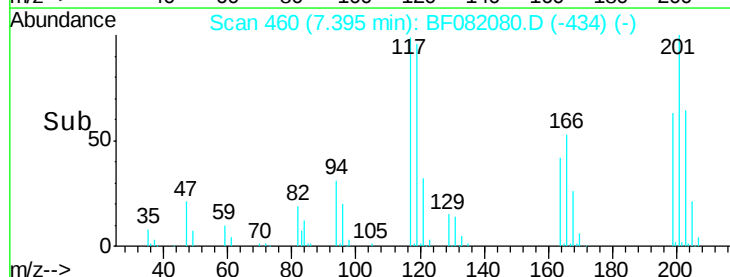
201 101.1 55.1 82.7#

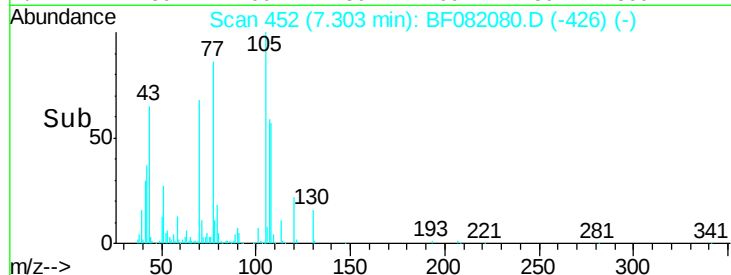
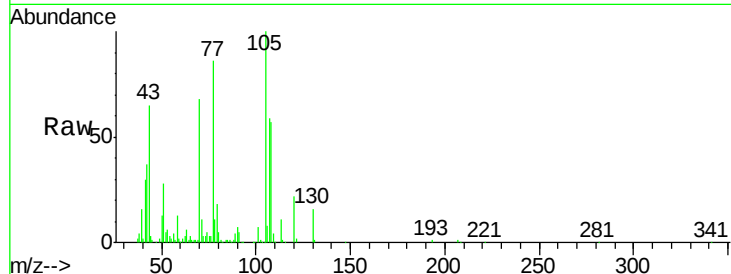


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

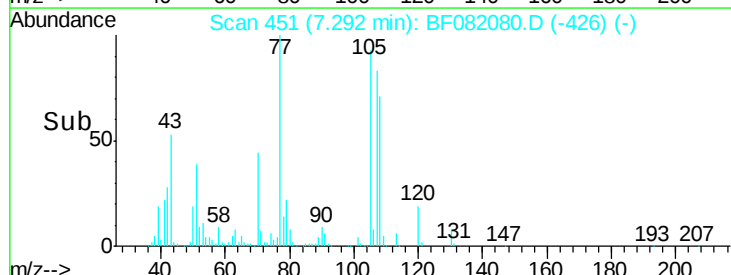
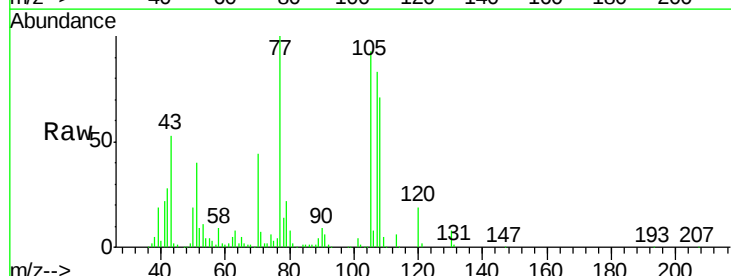
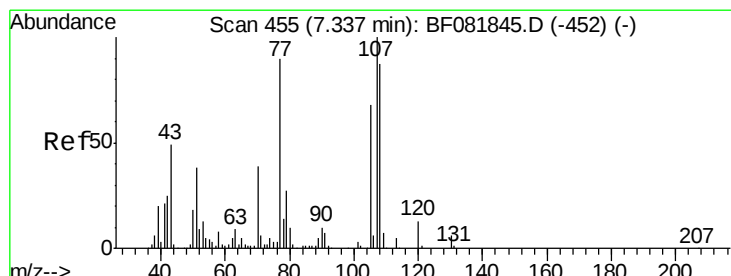
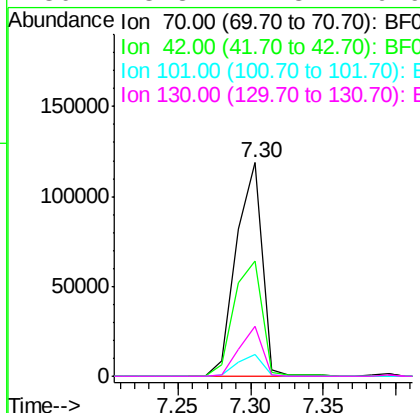




#19
n-Nitroso-di-n-propylamine
Concen: 43.29 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

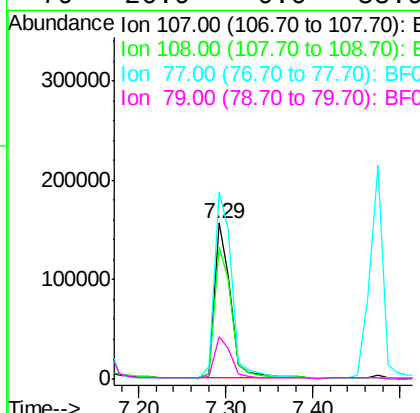
Instrument :
BNA_F
ClientSampleId :
PB85910BS

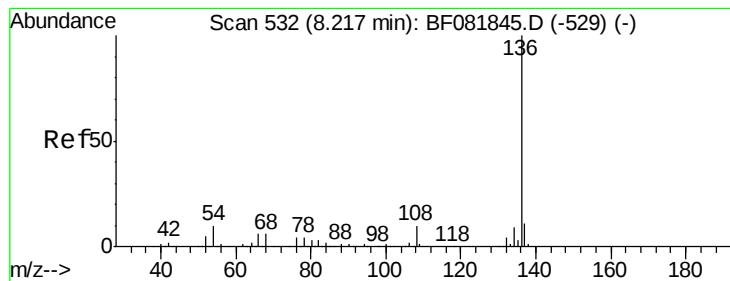
Tot Ion:	70	Resp:	147135
Ion	Ratio	Lower	Upper
70	100		
42	54.2	63.8	95.6#
101	10.3	9.2	13.8
130	23.3	27.3	40.9#



#20
3+4-Methylphenols
Concen: 40.44 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion:	107	Resp:	203278
Ion	Ratio	Lower	Upper
107	100		
108	84.9	74.6	114.6
77	119.9	0.7	40.7#
79	26.9	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

Tot Ion:136 Resp: 333816

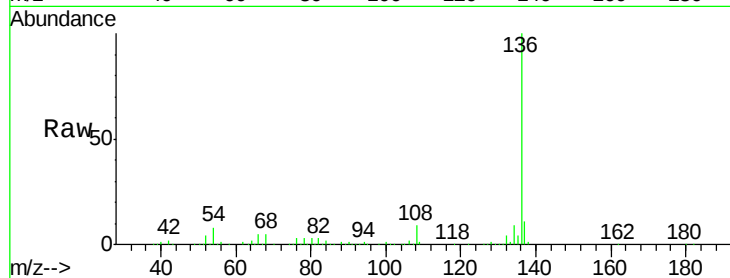
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.6 8.2 12.2#

68 4.9 5.8 8.6#

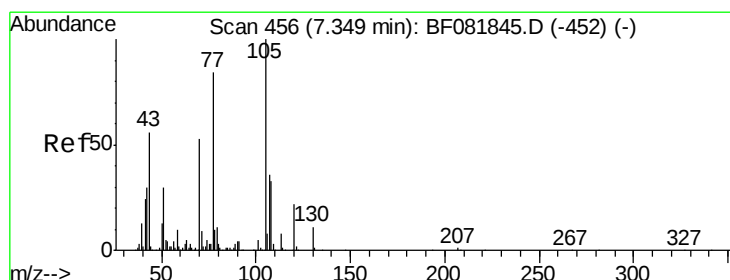
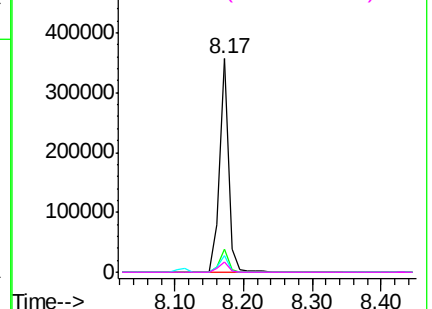
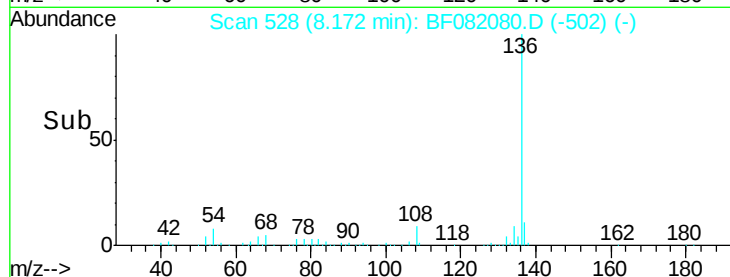


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.60 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:105 Resp: 283958

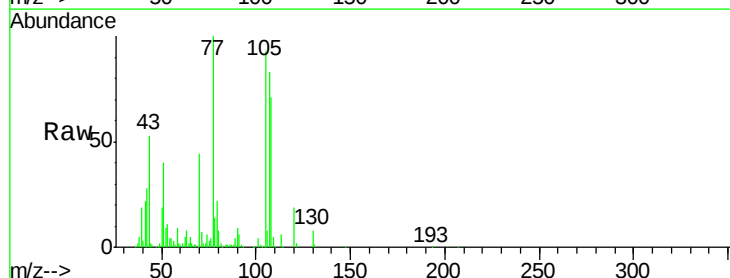
Ion Ratio Lower Upper

105 100

71 7.8 4.7 7.1#

51 42.5 22.0 33.0#

120 20.0 30.1 45.1#

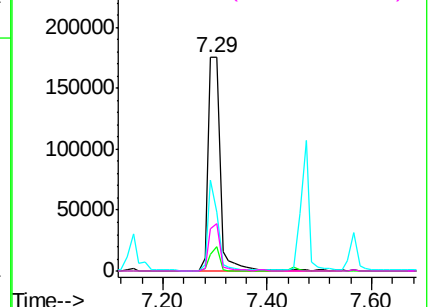
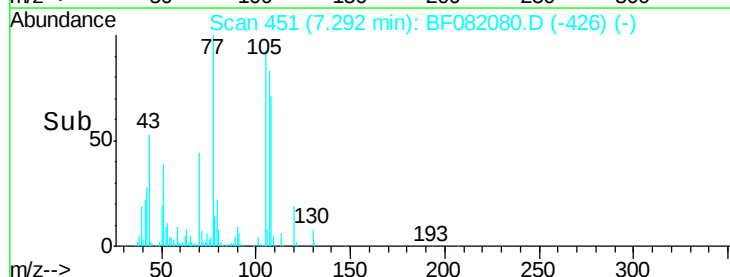


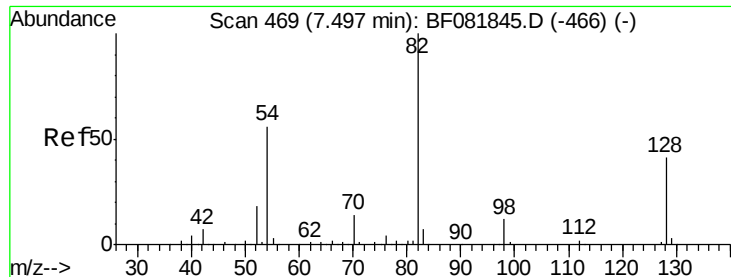
Abundance Ion 105.00 (104.70 to 105.70): E

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

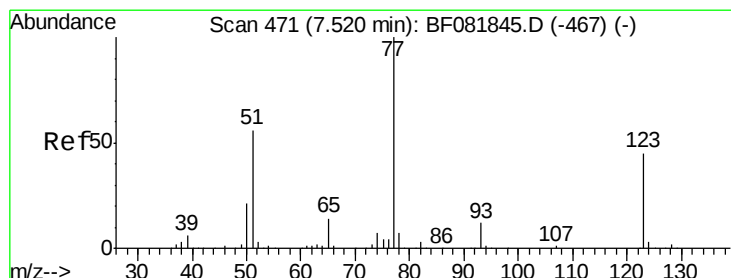
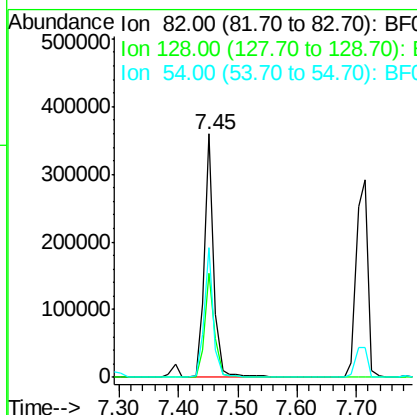
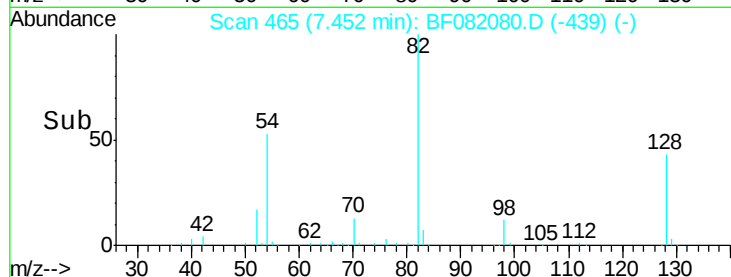
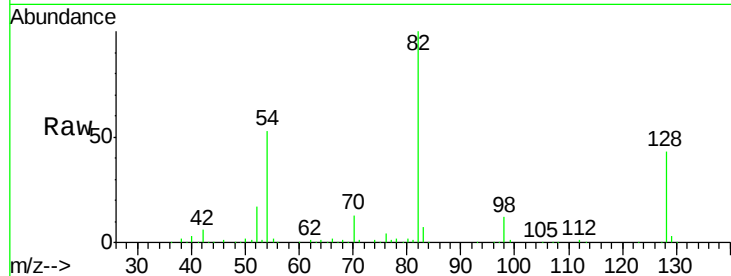




#23
 Nitrobenzene-d5
 Concen: 82.63 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

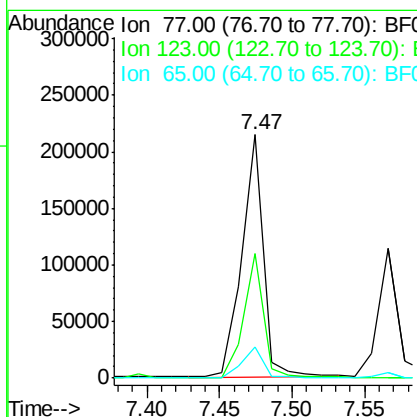
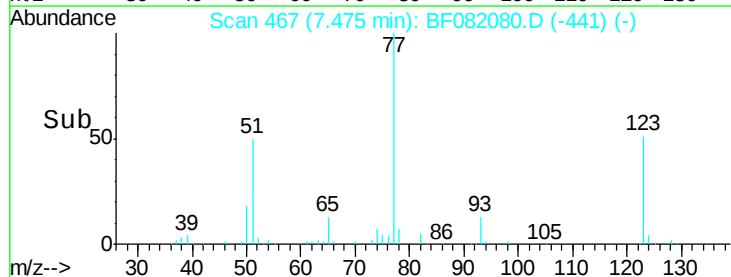
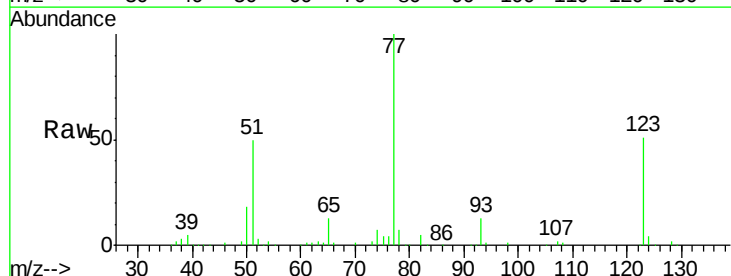
Instrument :
 BNA_F
 ClientSampleID :
 PB85910BS

Tot Ion: 82 Resp: 413777
 Ion Ratio Lower Upper
 82 100
 128 42.6 51.0 76.6#
 54 53.4 47.5 71.3



#24
 Nitrobenzene
 Concen: 40.87 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion: 77 Resp: 222226
 Ion Ratio Lower Upper
 77 100
 123 51.2 59.8 89.8#
 65 12.9 10.2 15.4

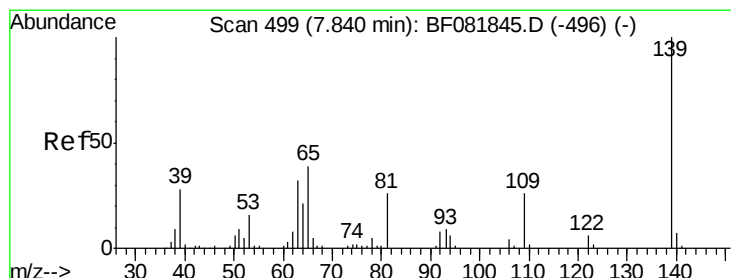
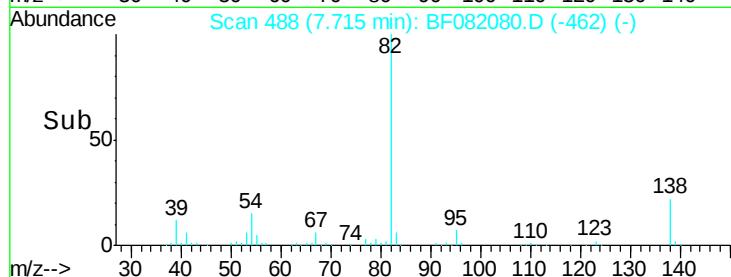
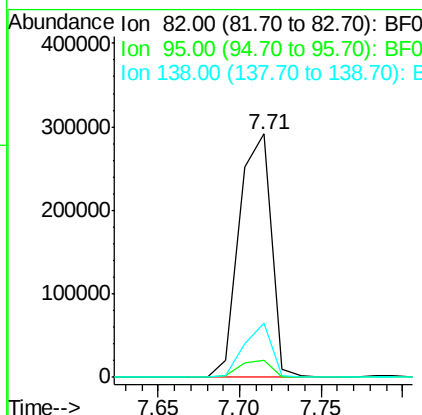
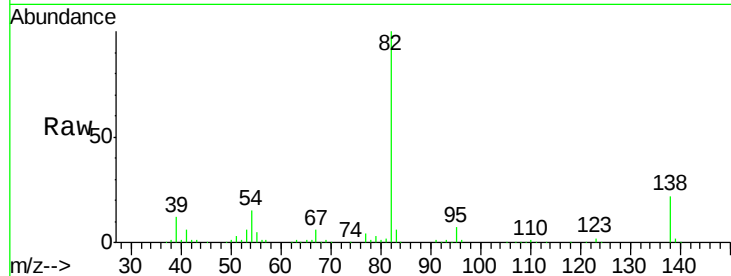




#25
Isophorone
Concen: 39.63 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

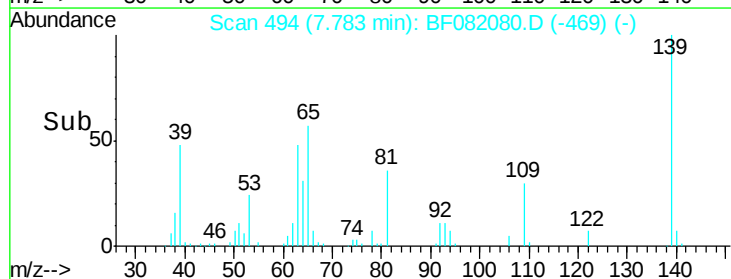
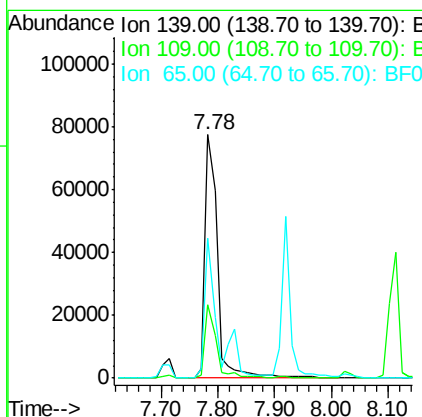
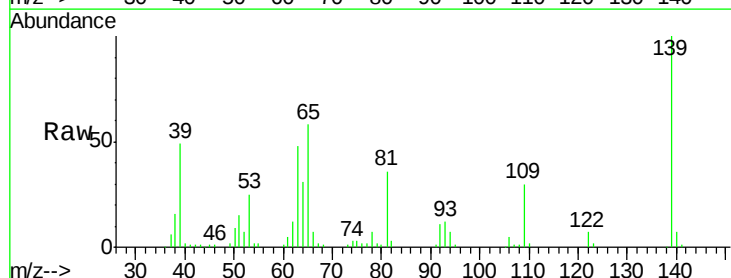
Instrument :
BNA_F
ClientSampleId :
PB85910BS

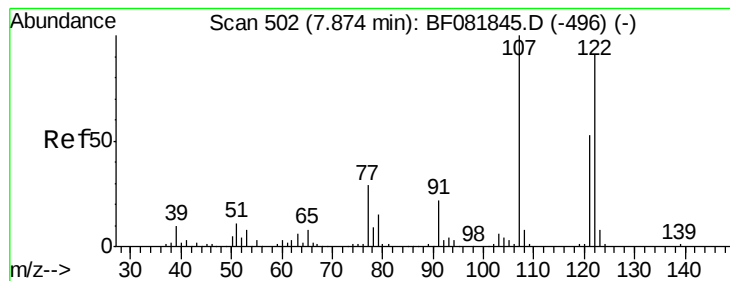
Tot Ion: 82 Resp: 393366
Ion Ratio Lower Upper
82 100
95 7.2 4.0 6.0#
138 22.1 18.3 27.5



#26
2-Nitrophenol
Concen: 43.02 ng
RT: 7.78 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion: 139 Resp: 112298
Ion Ratio Lower Upper
139 100
109 30.0 11.0 16.4#
65 57.7 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 43.84 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampled :

PB85910BS

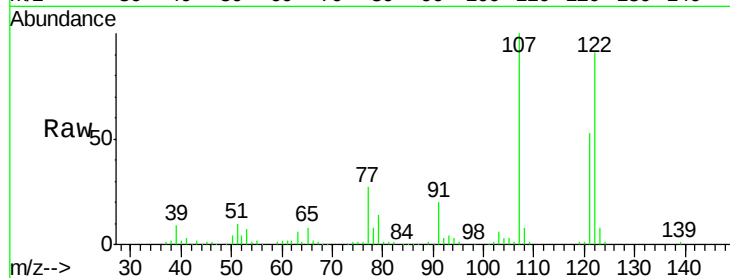
Tot Ion:122 Resp: 201299

Ion Ratio Lower Upper

122 100

107 109.7 71.8 107.6#

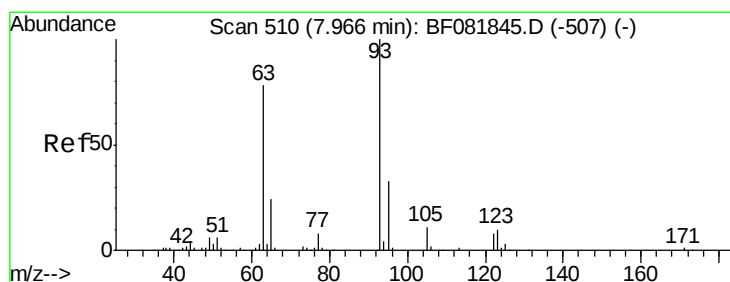
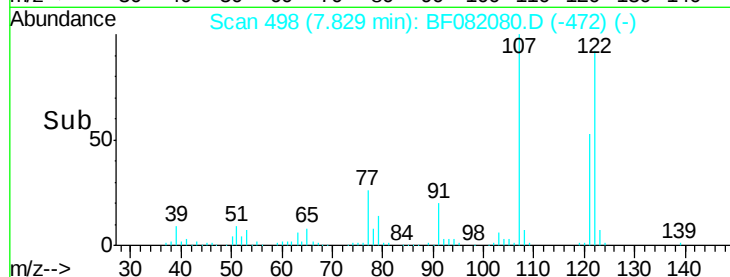
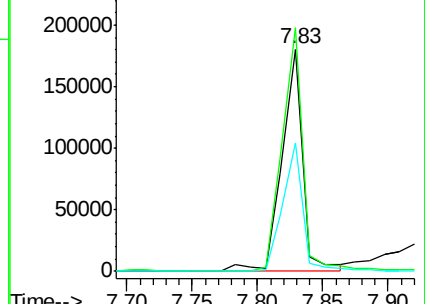
121 57.7 42.3 63.5



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: 39.98 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

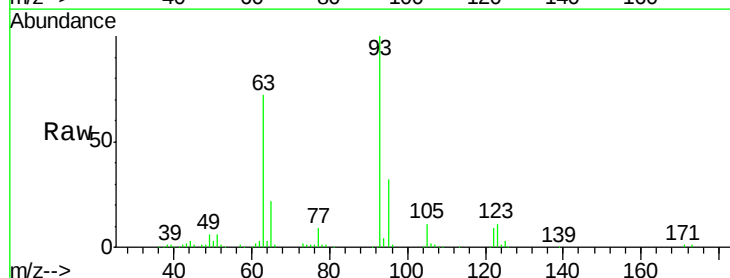
Tgt Ion: 93 Resp: 235655

Ion Ratio Lower Upper

93 100

95 32.2 27.5 41.3

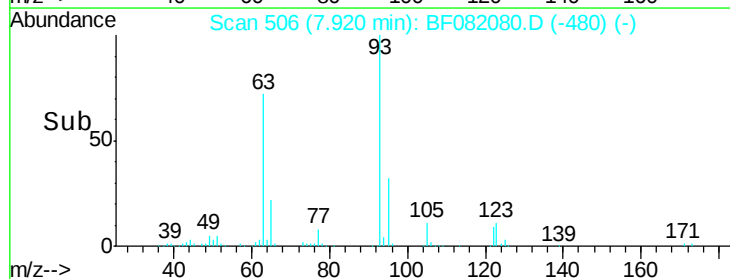
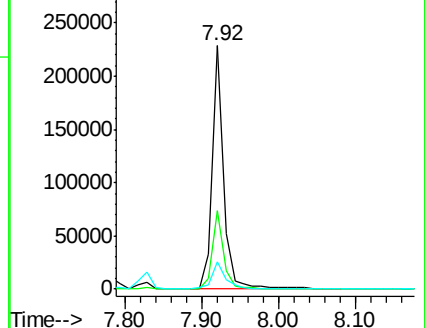
123 11.1 13.7 20.5#

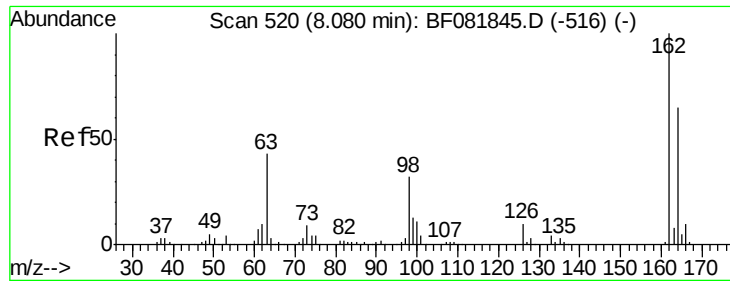


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

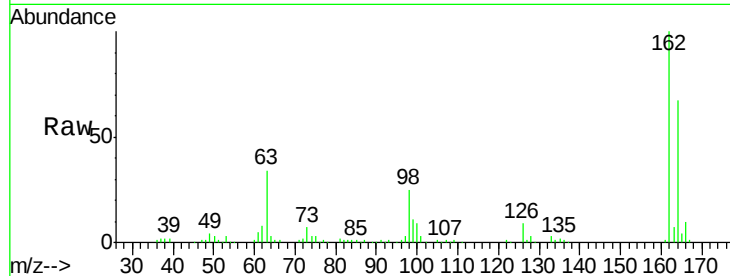




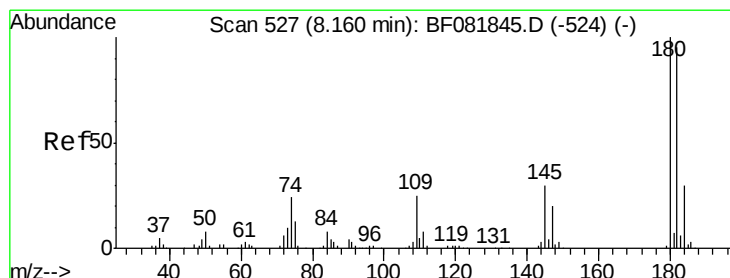
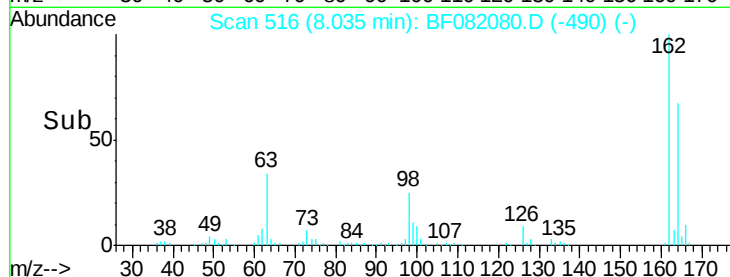
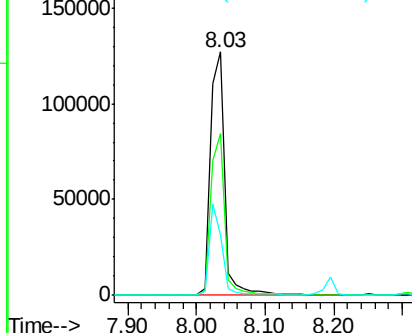
#29
 2,4-Dichlorophenol
 Concen: 42.14 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion:162 Resp: 187623
 Ion Ratio Lower Upper
 162 100
 164 66.6 44.9 84.9
 98 25.0 13.0 53.0

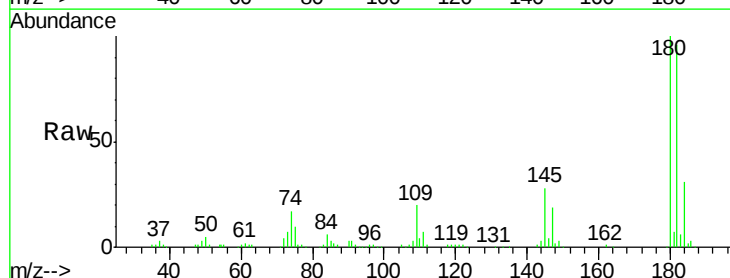


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

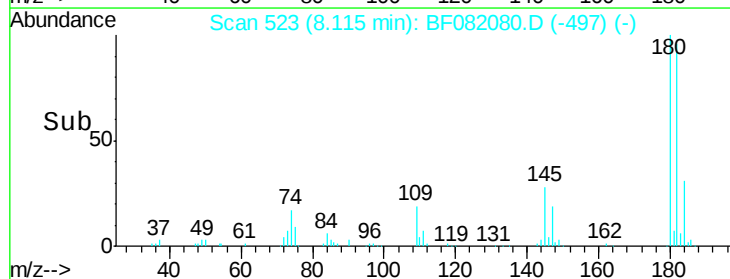
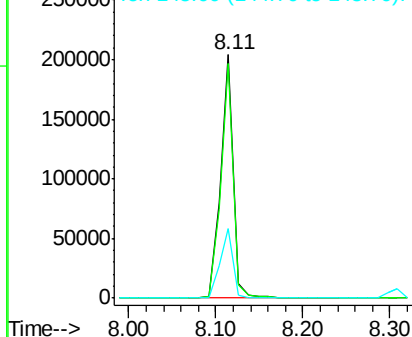


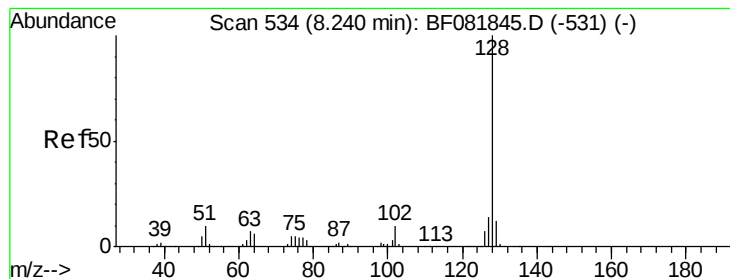
#30
 1,2,4-Trichlorobenzene
 Concen: 42.09 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion:180 Resp: 209234
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.1 115.7
 145 28.4 23.3 34.9



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





#31

Naphthalene

Concen: 43.28 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

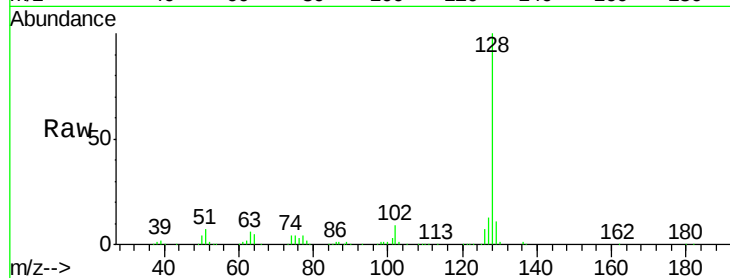
Tot Ion:128 Resp: 640220

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

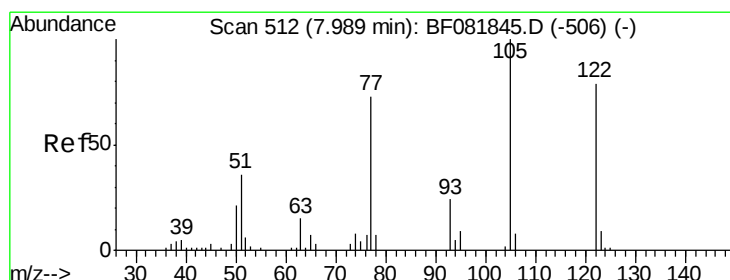
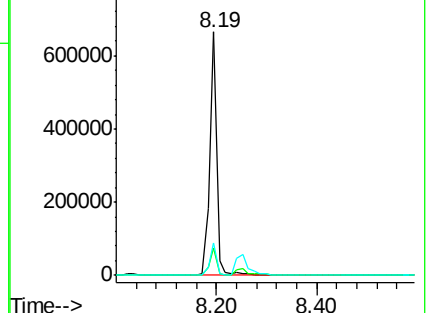
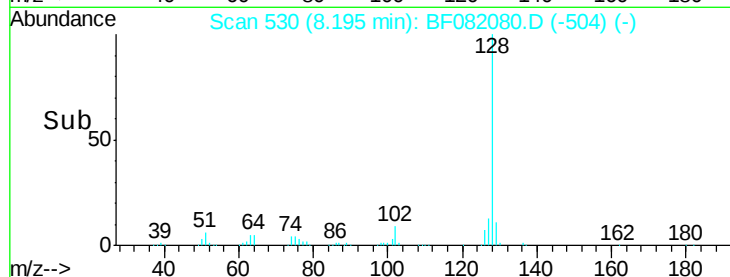
127 13.4 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.06 ng

RT: 7.94 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

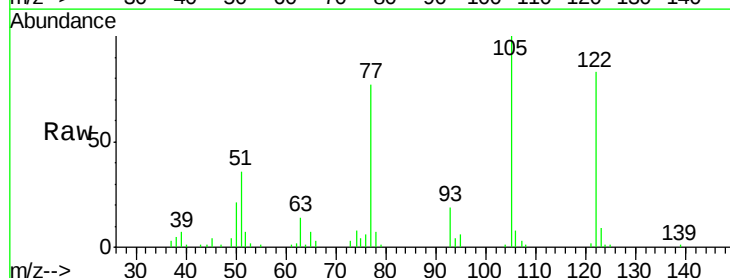
Tgt Ion:122 Resp: 106087

Ion Ratio Lower Upper

122 100

105 121.2 76.1 116.1#

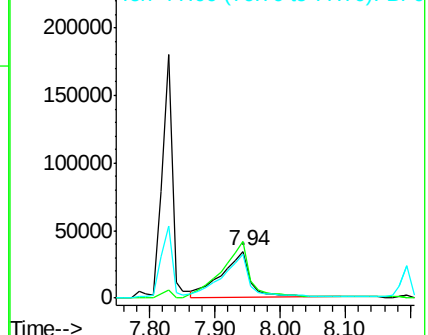
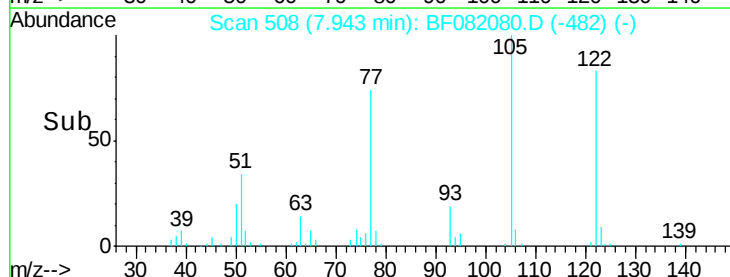
77 93.3 40.5 80.5#

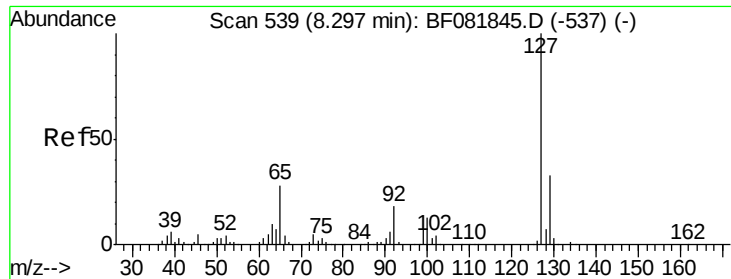


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

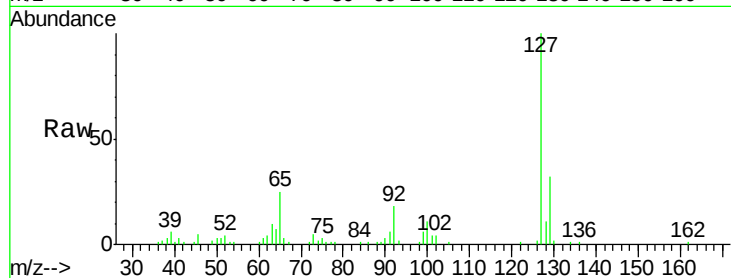




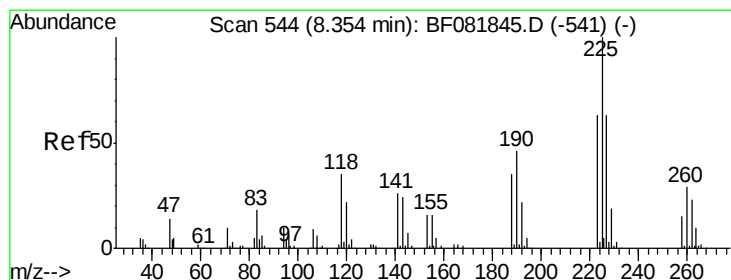
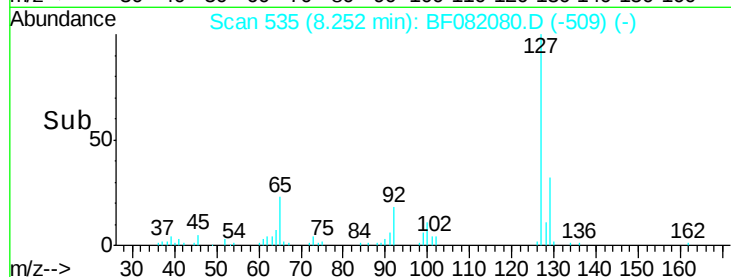
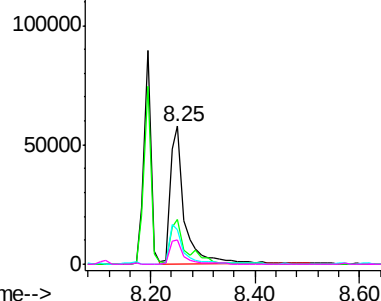
#33
4-Chloroaniline
Concen: 17.15 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	25.2	17.9	26.9
92	17.6	10.5	15.7



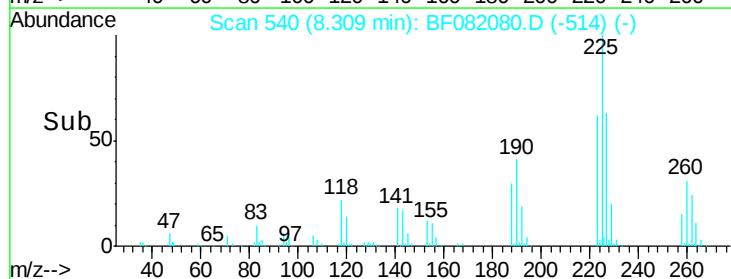
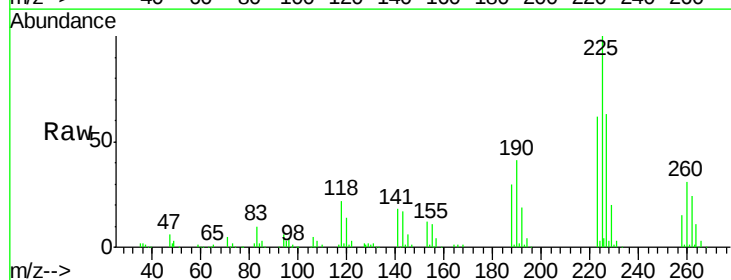
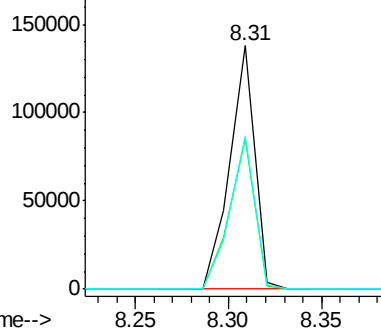
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

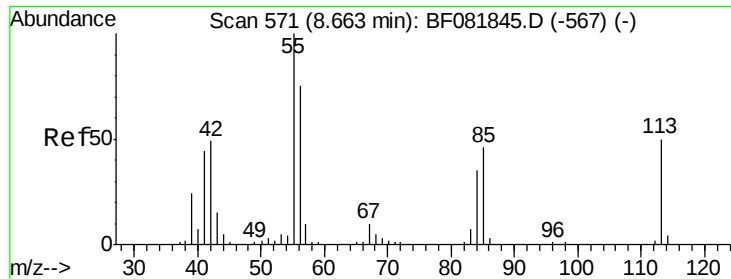


#34
Hexachlorobutadiene
Concen: 43.50 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	62.9	52.2	78.2

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

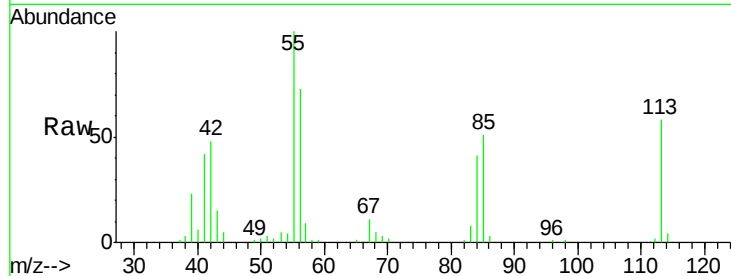




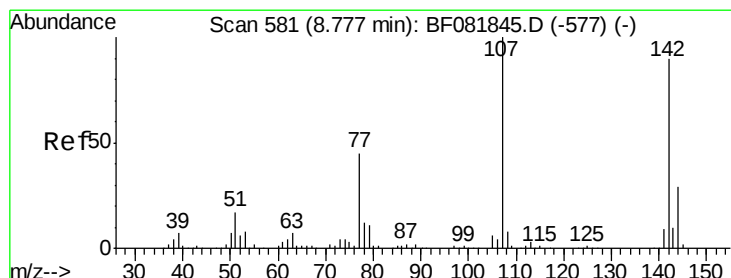
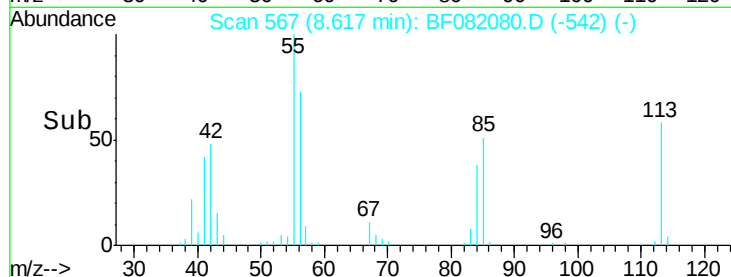
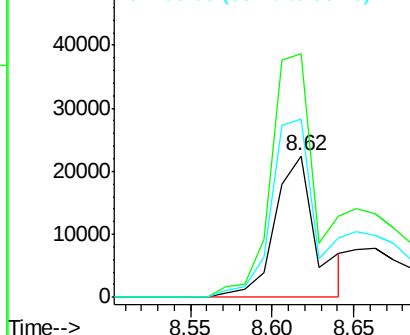
#35
 Caprolactam
 Concen: 32.21 ng
 RT: 8.62 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleID :
 PB85910BS

Tot Ion:113 Resp: 39703
 Ion Ratio Lower Upper
 113 100
 55 171.9 152.4 192.4
 56 126.0 104.6 144.6

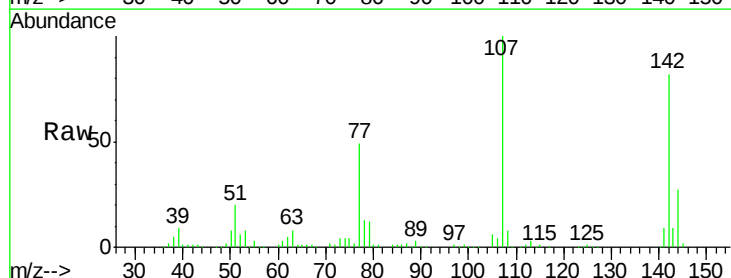


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

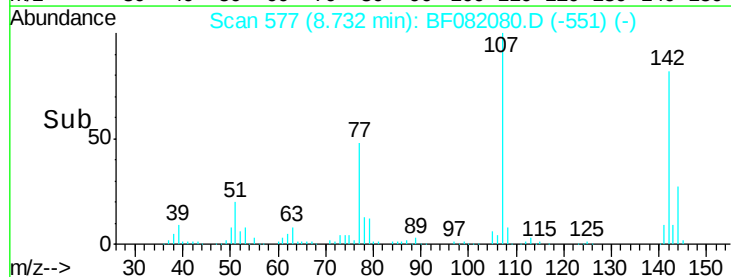
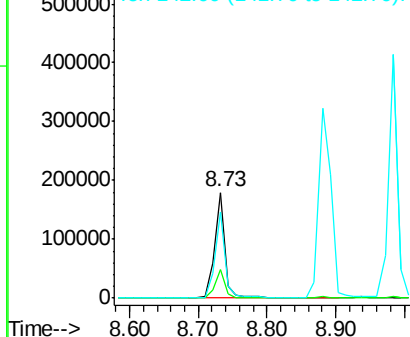


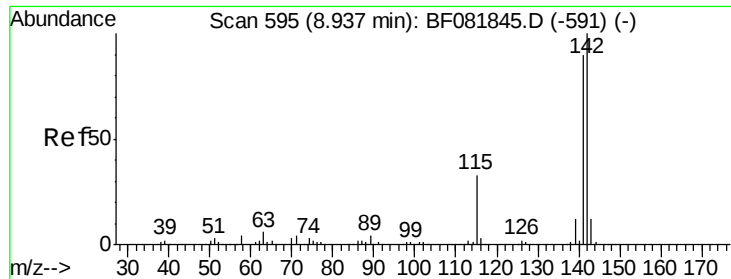
#36
 4-Chloro-3-methylphenol
 Concen: 45.17 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion:107 Resp: 196665
 Ion Ratio Lower Upper
 107 100
 144 26.7 25.4 38.0
 142 81.7 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

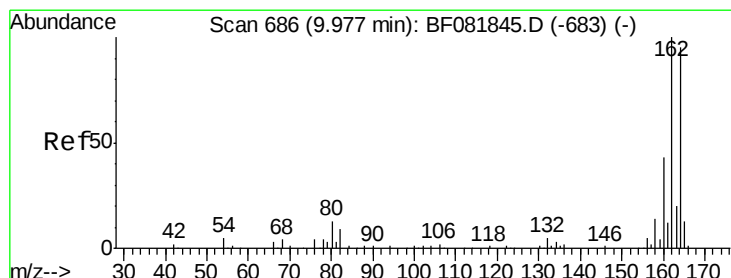
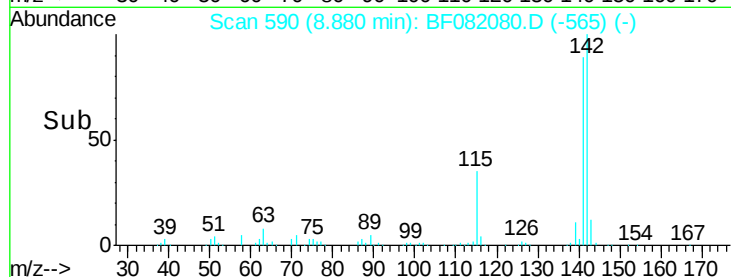
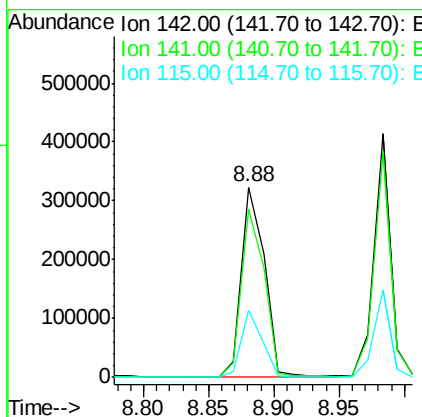
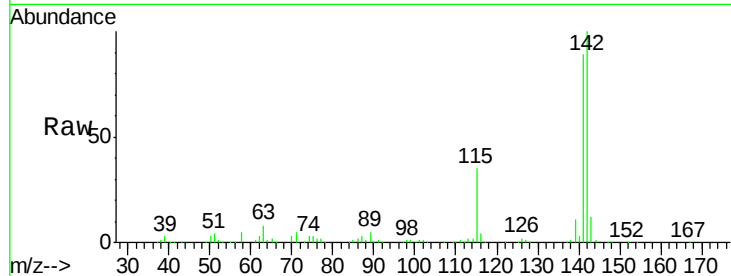




#37
2-Methylnaphthalene
Concen: 39.48 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

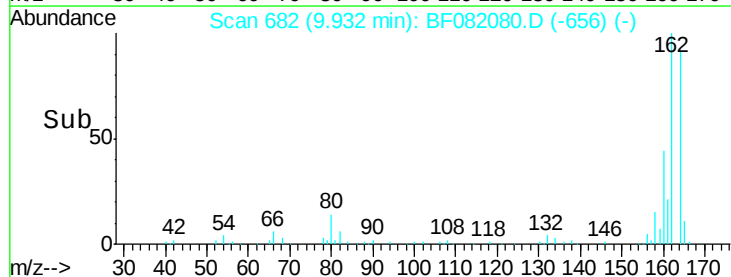
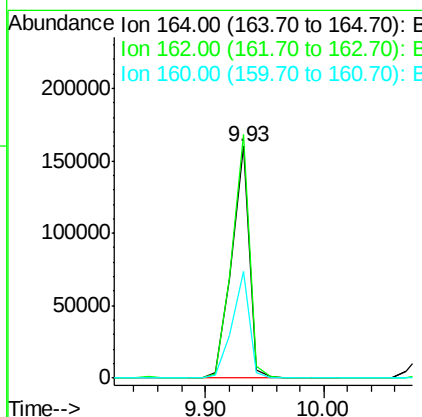
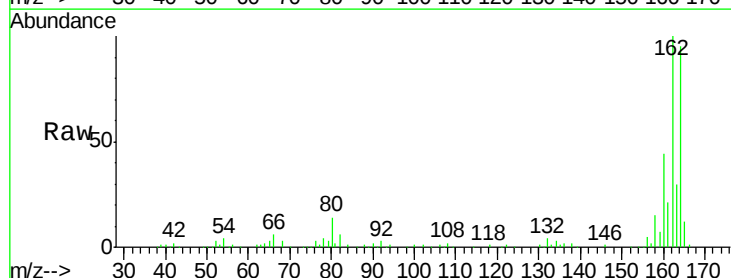
Instrument :
BNA_F
ClientSampleId :
PB85910BS

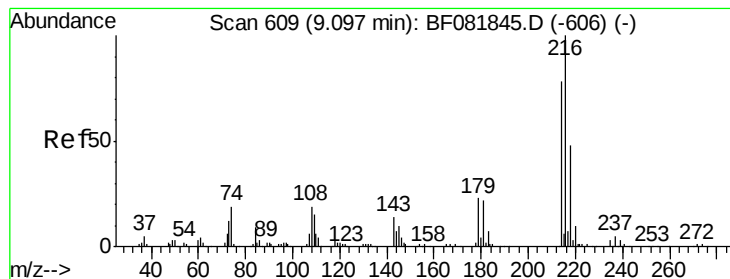
Tot Ion:142 Resp: 398651
Ion Ratio Lower Upper
142 100
141 88.5 67.5 101.3
115 35.3 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion:164 Resp: 164642
Ion Ratio Lower Upper
164 100
162 105.0 75.2 112.8
160 45.8 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.64 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

Tot Ion:216 Resp: 215518

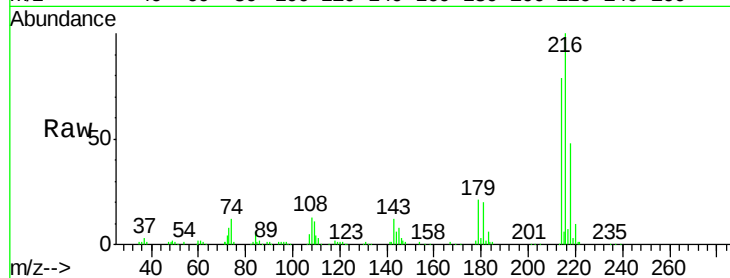
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 21.1 16.6 24.8

108 18.0 16.3 24.5

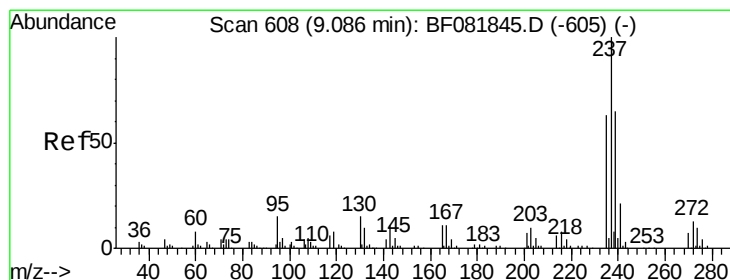
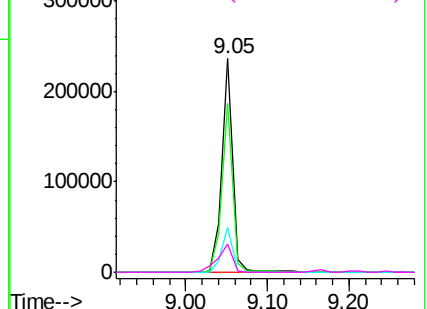
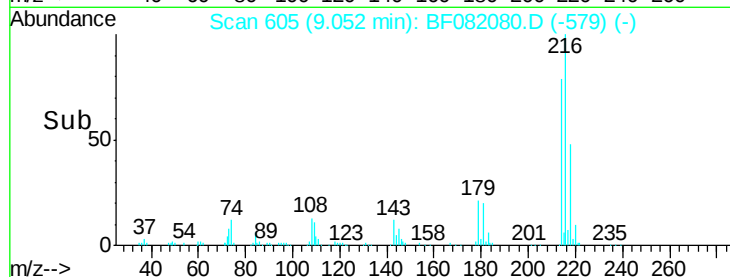


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.12 ng

RT: 9.03 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

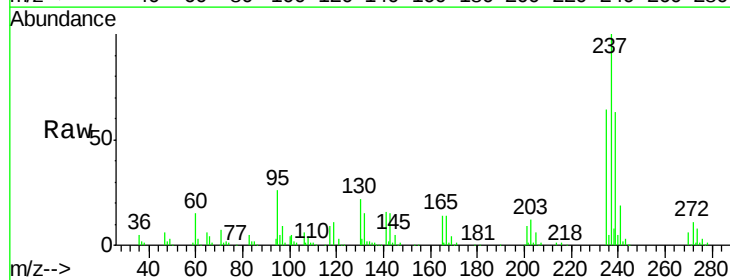
Tgt Ion:237 Resp: 218965

Ion Ratio Lower Upper

237 100

235 64.4 42.0 82.0

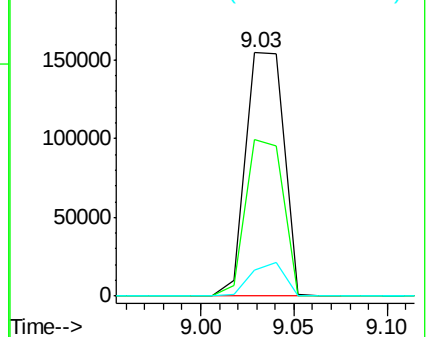
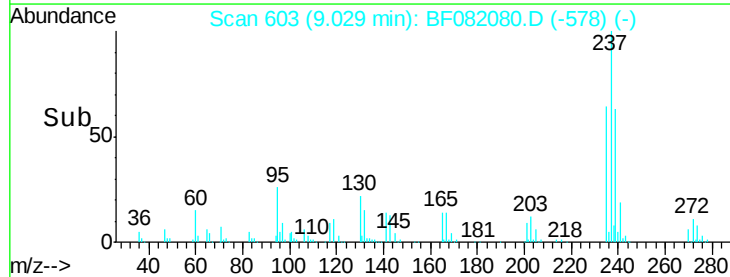
272 10.8 0.0 36.1

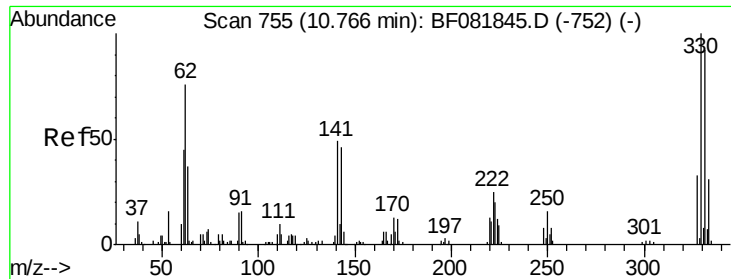


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

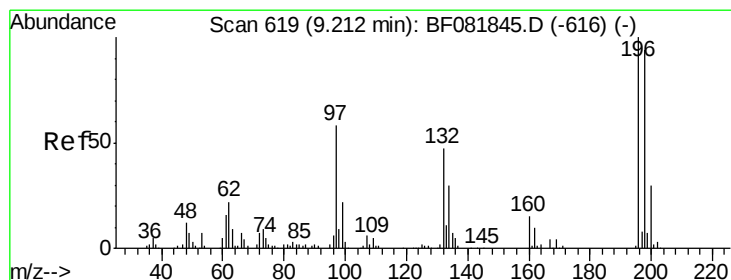
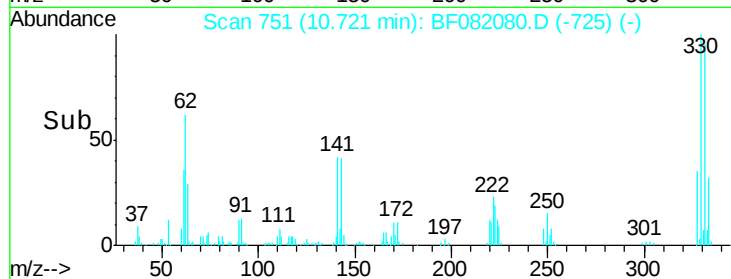
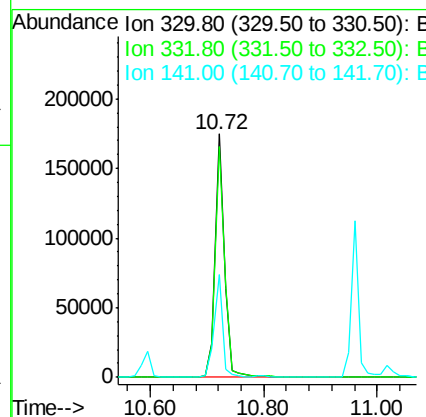
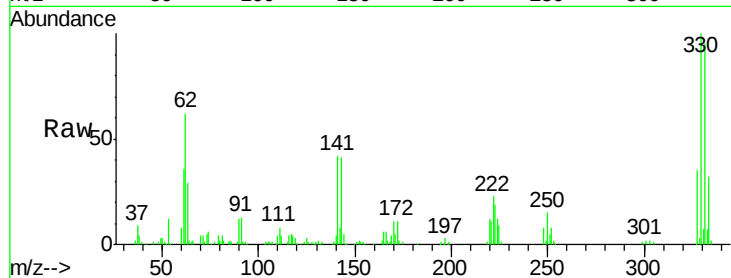




#41
 2,4,6-Tribromophenol
 Concen: 116.32 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

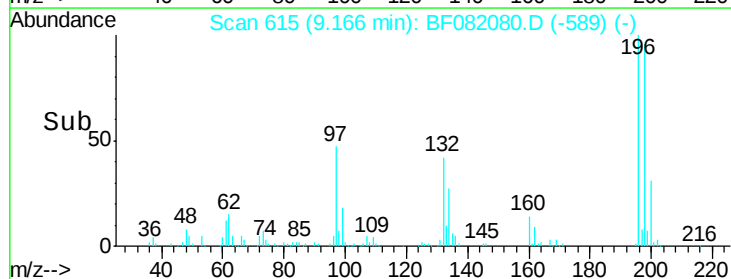
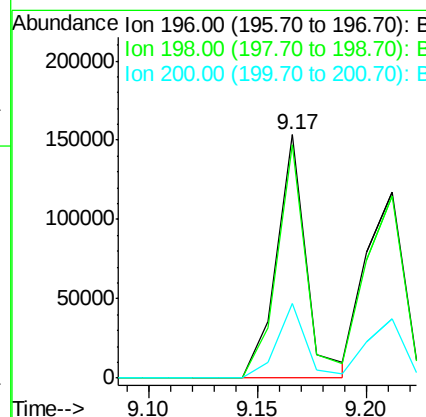
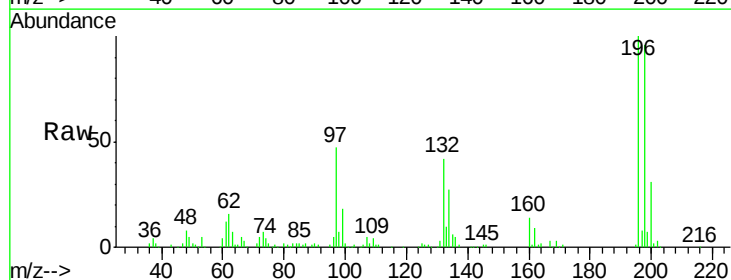
Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion:330 Resp: 193952
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 37.3 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 42.43 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion:196 Resp: 147021
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 30.9 23.9 35.9

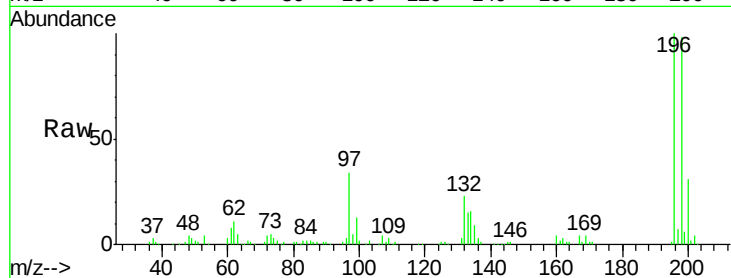




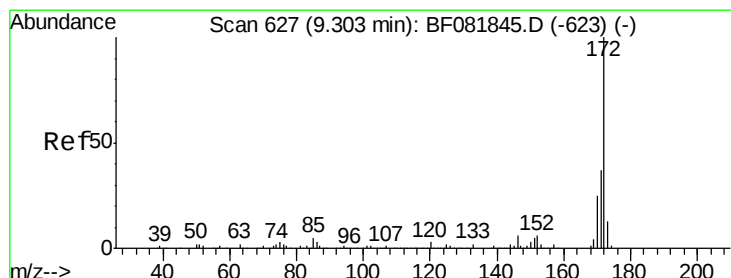
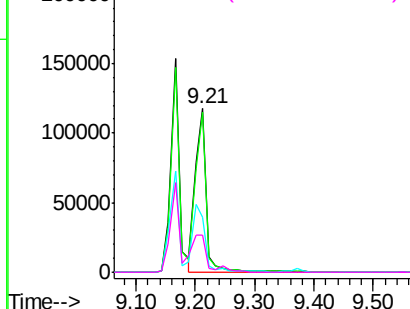
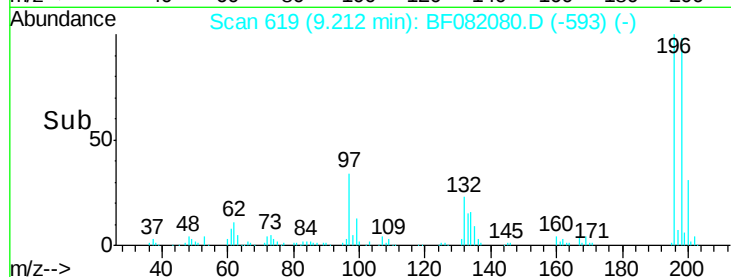
#43
 2,4,5-Trichlorophenol
 Concen: 44.07 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.4	113.0
97	34.0	33.3	49.9
132	22.8	24.6	37.0

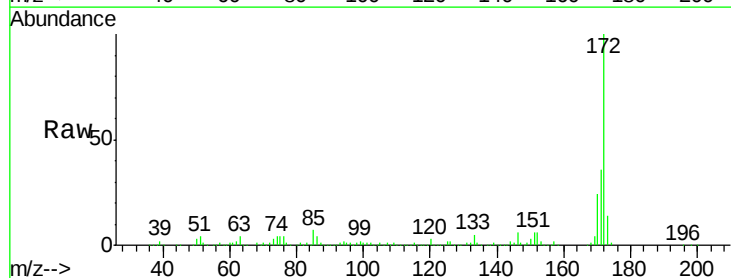


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

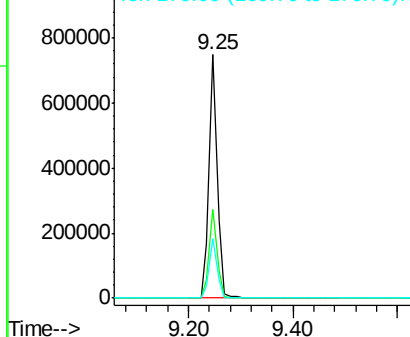
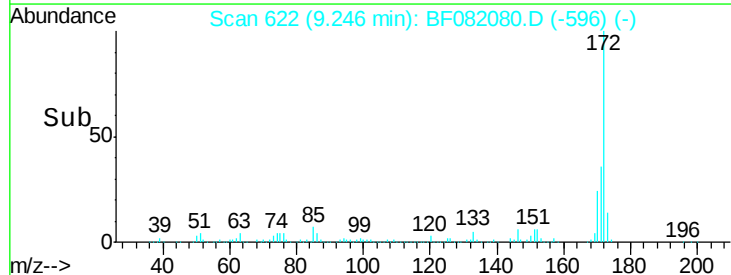


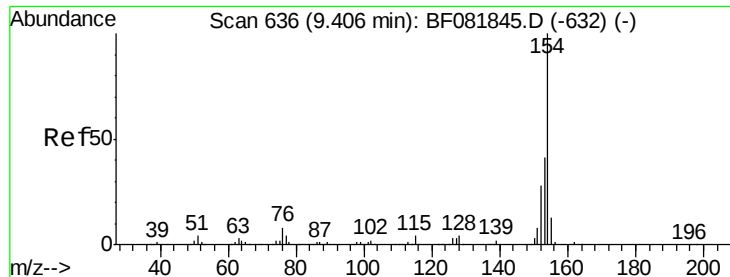
#44
 2-Fluorobiphenyl
 Concen: 82.47 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.4	17.4	26.2



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

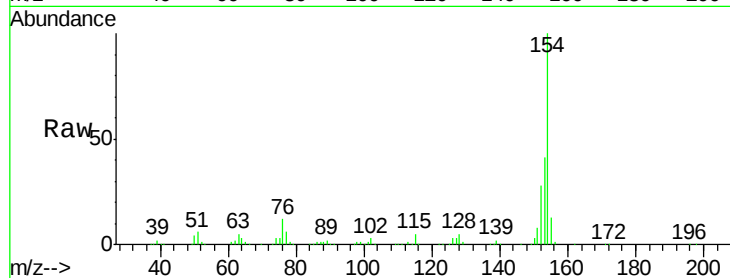




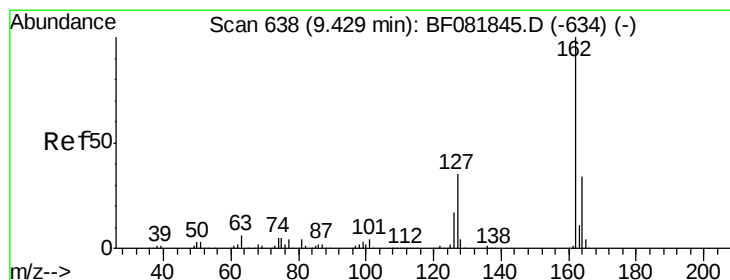
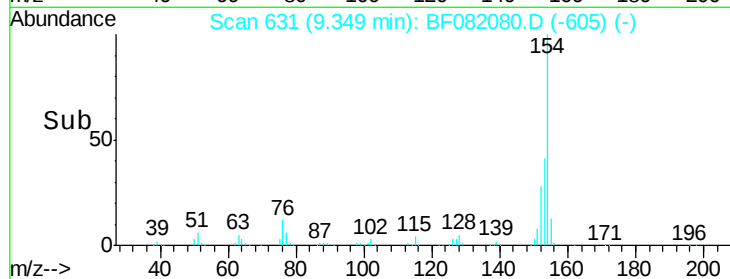
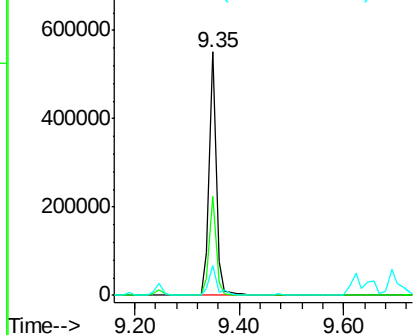
#45
 1,1'-Biphenyl
 Concen: 41.01 ng
 RT: 9.35 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	17.1	57.1
76	12.2	0.0	31.6

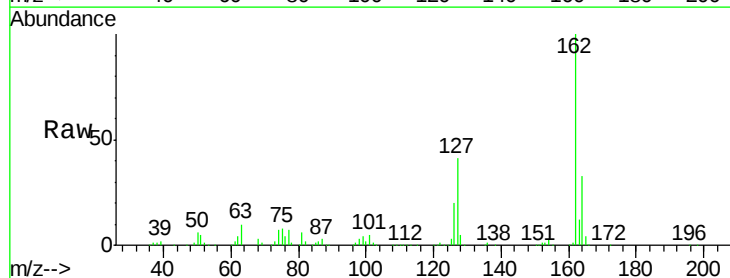


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

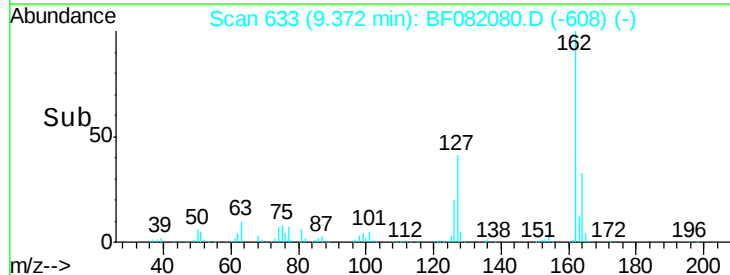
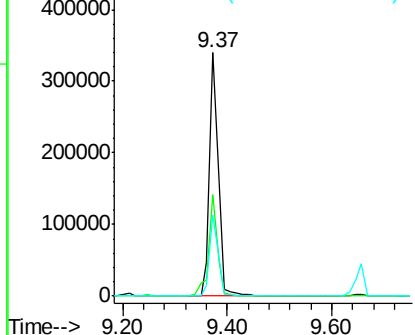


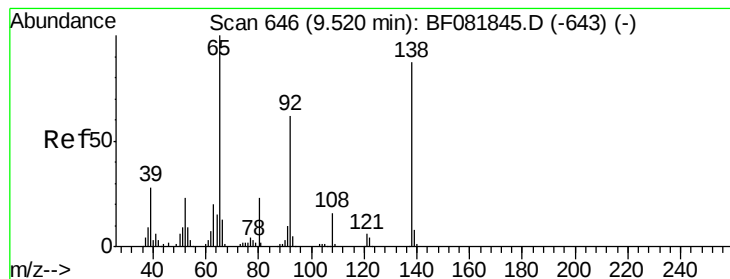
#46
 2-Chloronaphthalene
 Concen: 39.59 ng
 RT: 9.37 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	27.6	41.4#
164	33.2	25.4	38.2



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: 43.00 ng

RT: 9.47 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

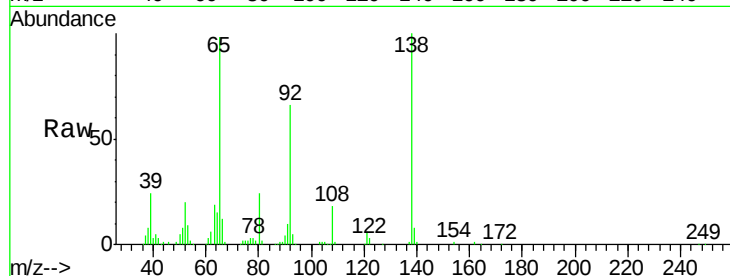
Tot Ion: 65 Resp: 125896

Ion Ratio Lower Upper

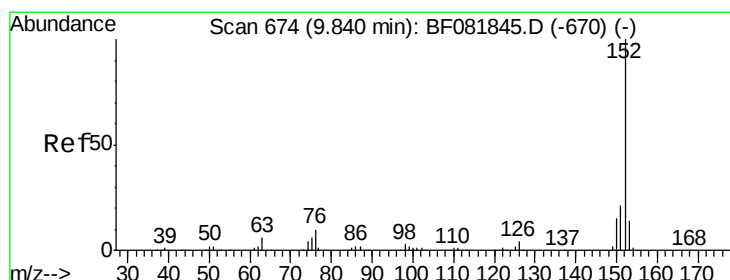
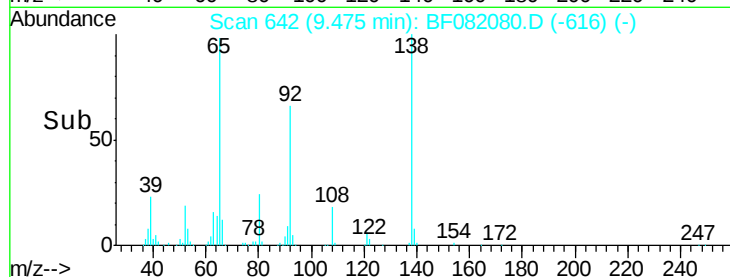
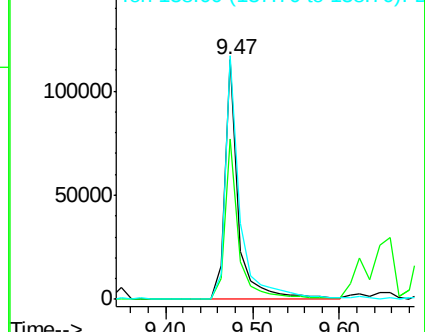
65 100

92 67.3 55.4 83.0

138 101.8 115.5 173.3#



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



#48

Acenaphthylene

Concen: 43.17 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

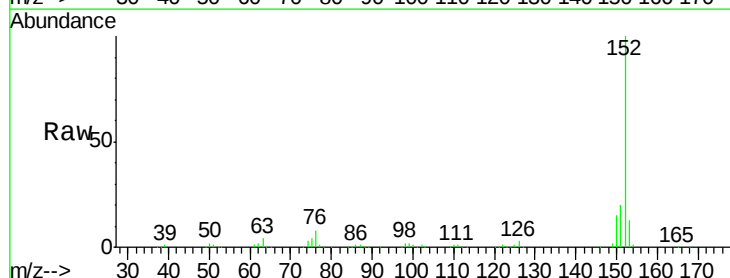
Tgt Ion: 152 Resp: 689187

Ion Ratio Lower Upper

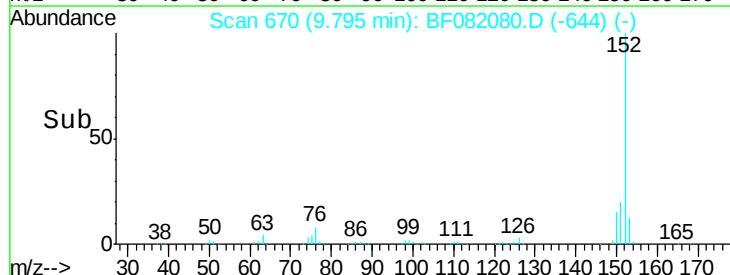
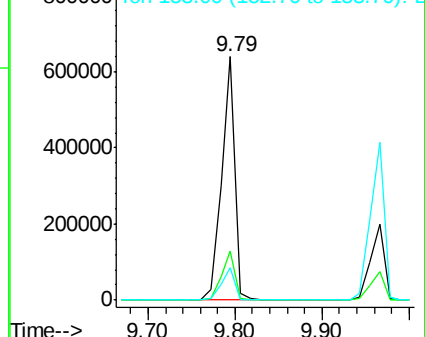
152 100

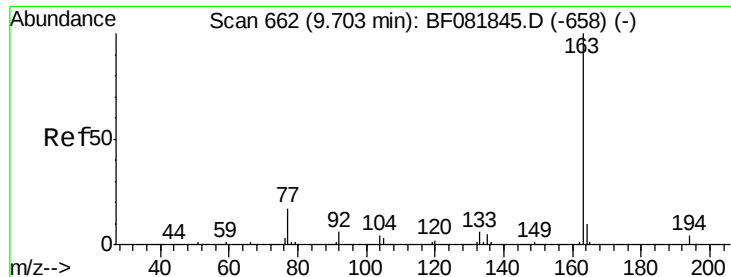
151 20.3 14.6 22.0

153 13.3 10.3 15.5



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





#49

Dimethylphthalate

Concen: 45.62 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

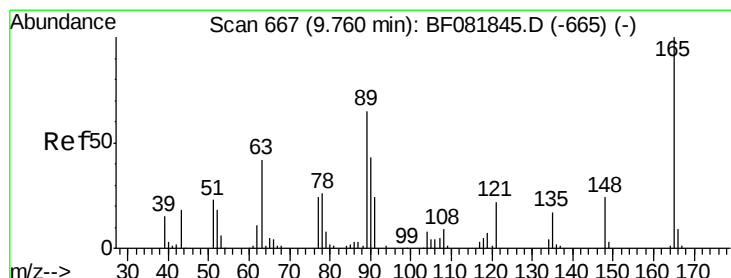
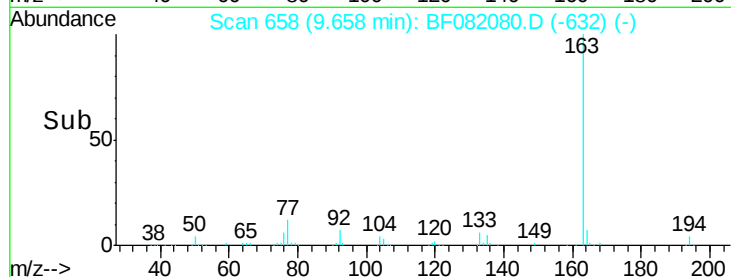
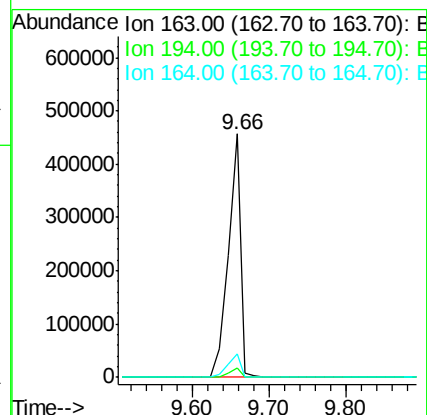
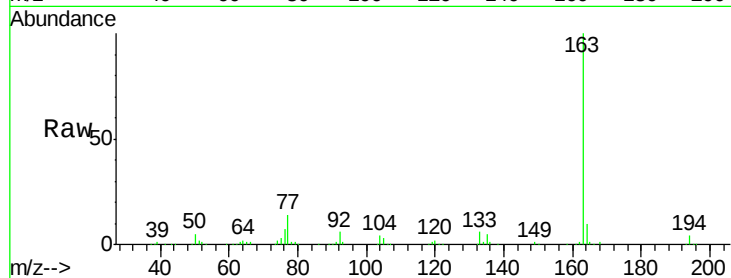
Tot Ion:163 Resp: 518407

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

164 9.9 8.3 12.5



#50

2,6-Dinitrotoluene

Concen: 41.17 ng

RT: 9.71 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

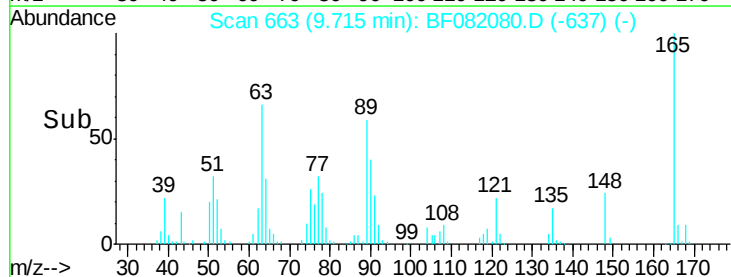
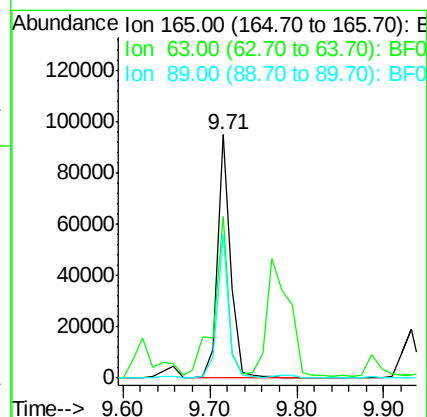
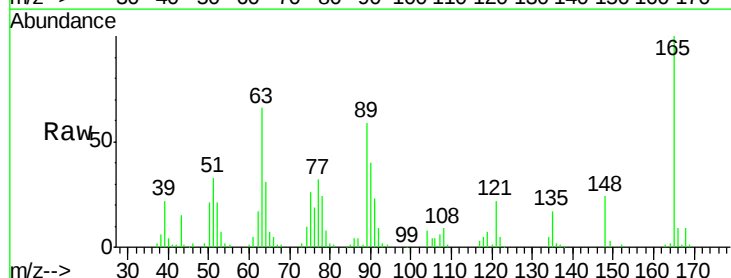
Tgt Ion:165 Resp: 101575

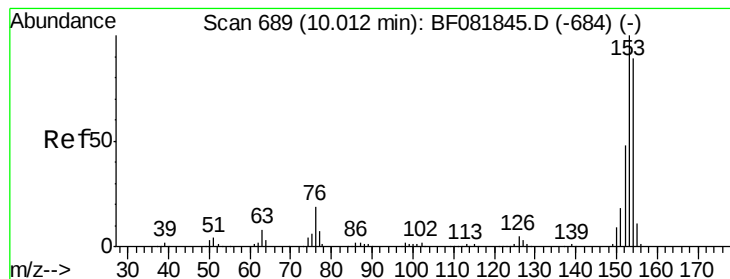
Ion Ratio Lower Upper

165 100

63 66.5 32.3 48.5#

89 59.3 28.6 43.0#





#51

Acenaphthene

Concen: 43.32 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

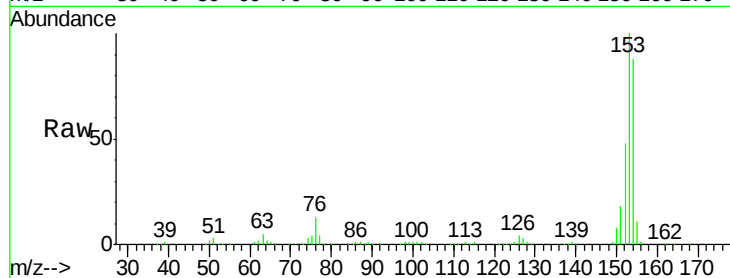
Tot Ion:154 Resp: 410608

Ion Ratio Lower Upper

154 100

153 114.3 82.1 123.1

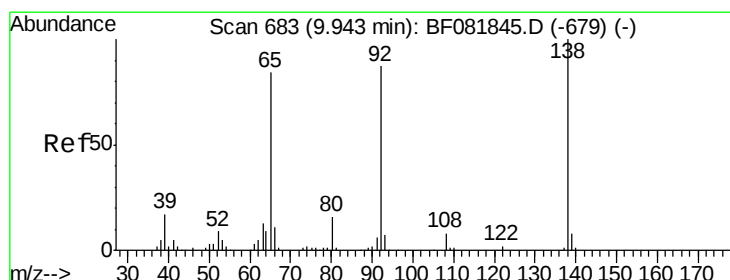
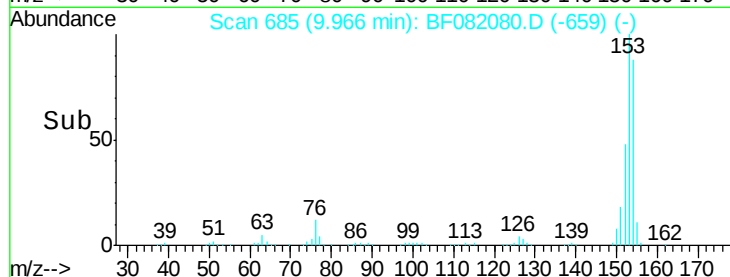
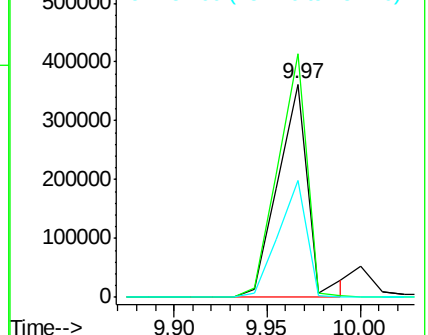
152 55.0 37.9 56.9



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: 23.43 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

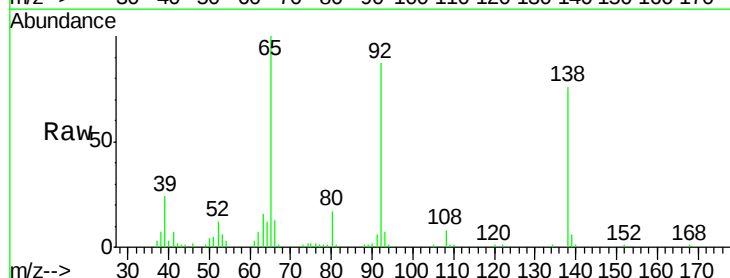
Tgt Ion:138 Resp: 66878

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

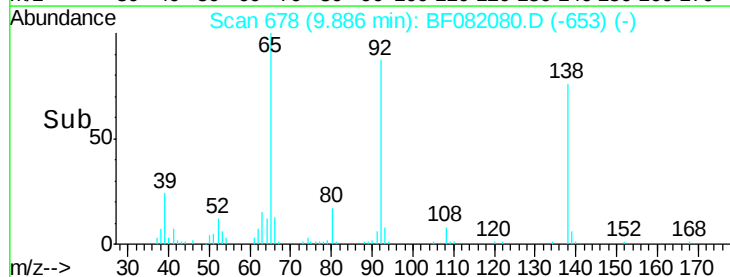
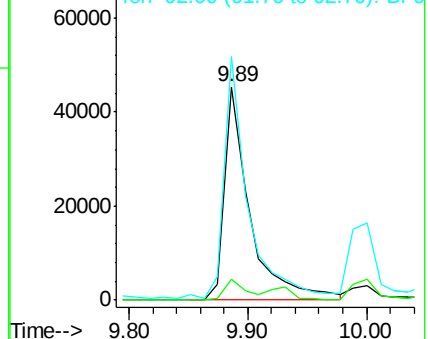
92 114.1 67.7 101.5#



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

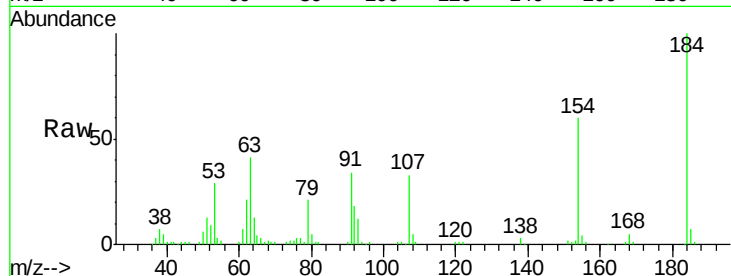




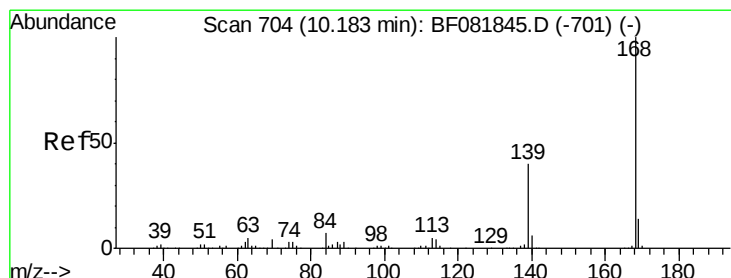
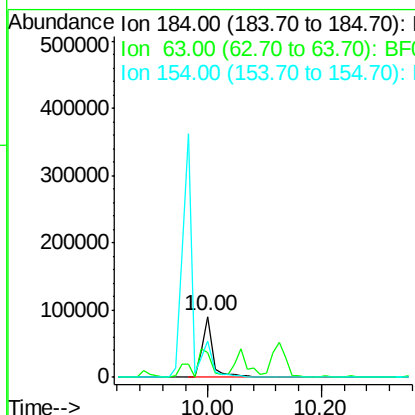
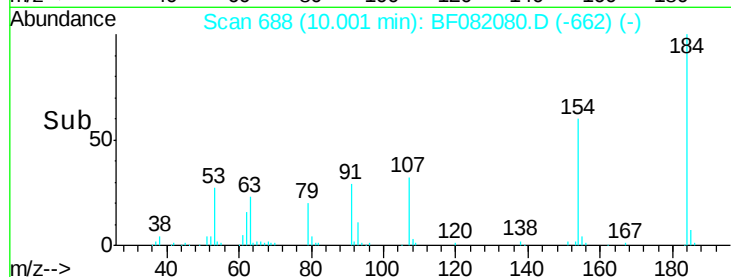
#53
2,4-Dinitrophenol
Concen: 89.54 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion:184 Resp: 116643
Ion Ratio Lower Upper
184 100
63 40.7 35.4 53.2
154 59.6 32.2 48.4#

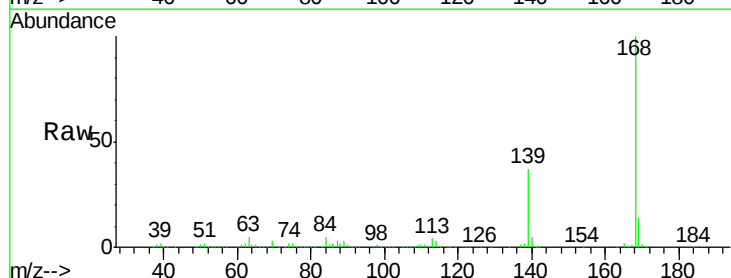


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

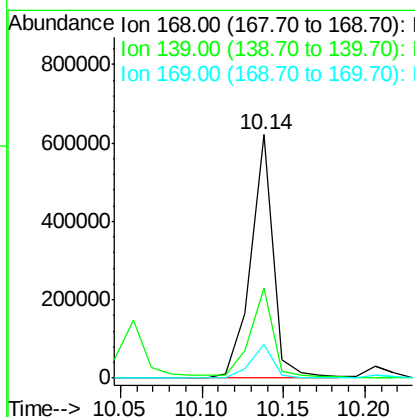
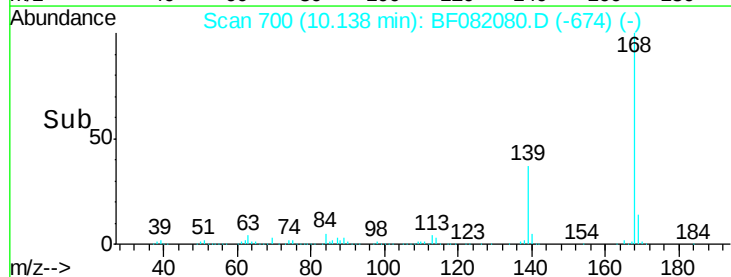


#54
Dibenzofuran
Concen: 44.38 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion:168 Resp: 594495
Ion Ratio Lower Upper
168 100
139 37.0 24.2 36.2#
169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

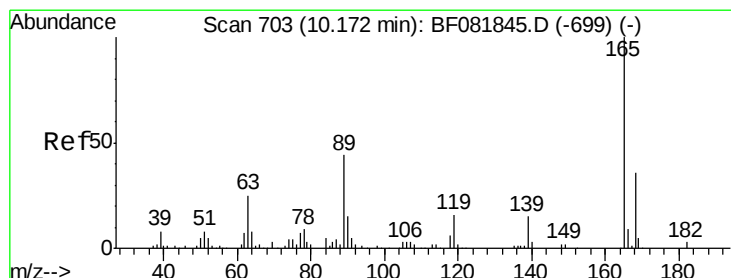
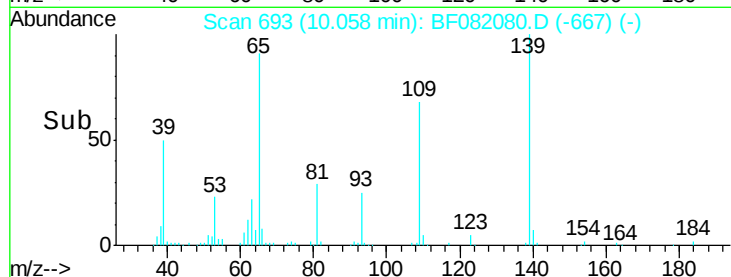
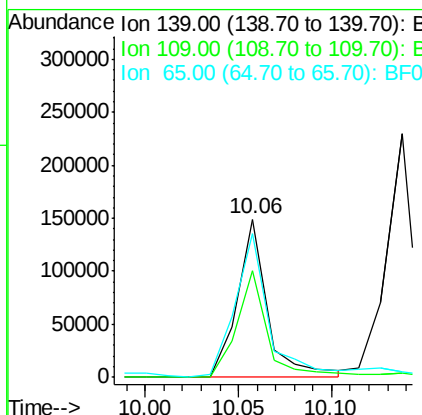
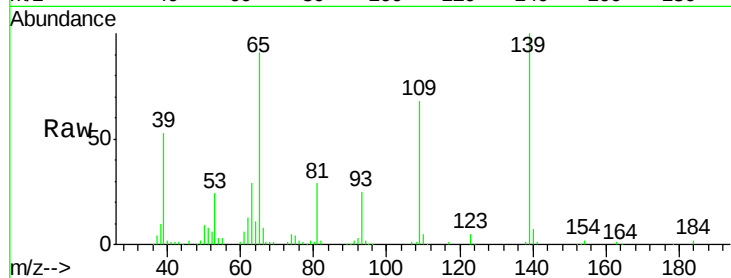




#55
4-Nitrophenol
Concen: 83.17 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

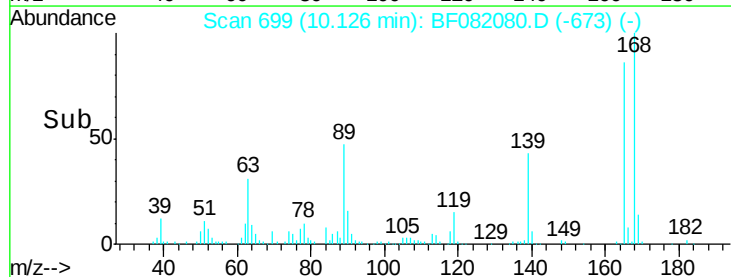
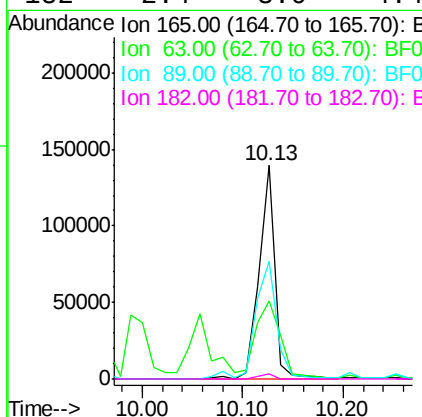
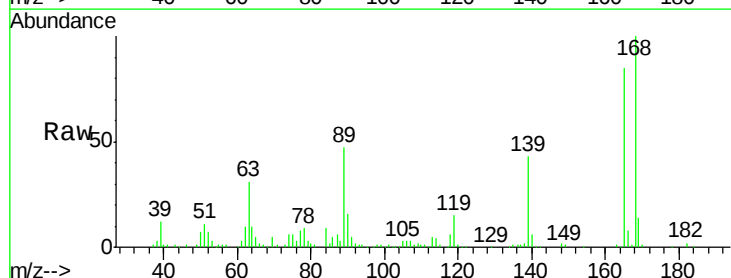
Instrument :
BNA_F
ClientSampleId :
PB85910BS

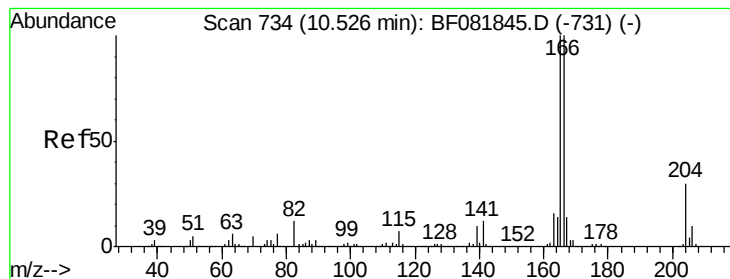
Tot Ion:139 Resp: 171533
Ion Ratio Lower Upper
139 100
109 67.8 12.7 52.7#
65 91.2 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 48.65 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion:165 Resp: 153022
Ion Ratio Lower Upper
165 100
63 36.8 29.8 44.6
89 54.9 44.5 66.7
182 2.4 3.0 4.4#





#57

Fluorene

Concen: 50.96 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

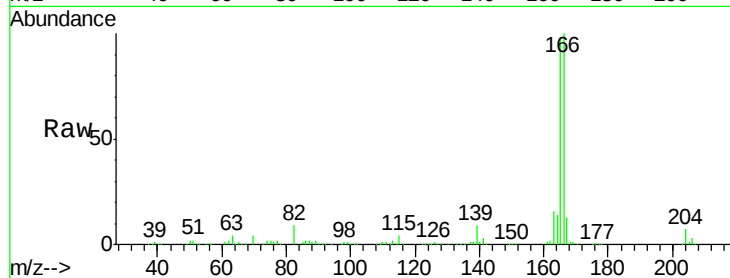
Tot Ion:166 Resp: 485555

Ion Ratio Lower Upper

166 100

165 97.7 72.6 109.0

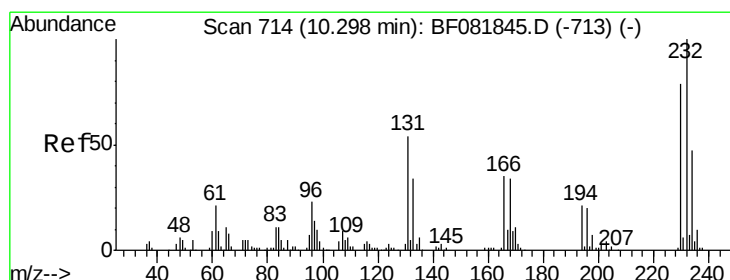
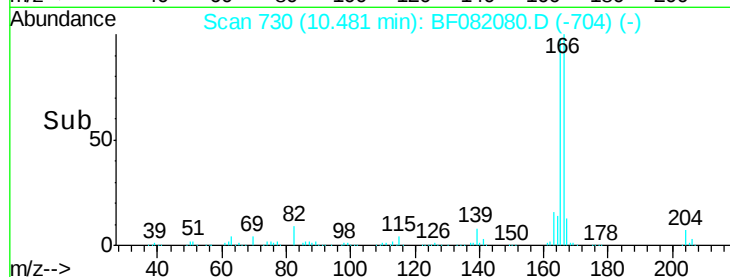
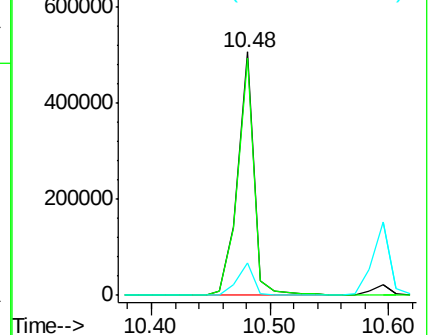
167 13.4 10.6 16.0



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: 47.28 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:232 Resp: 133633

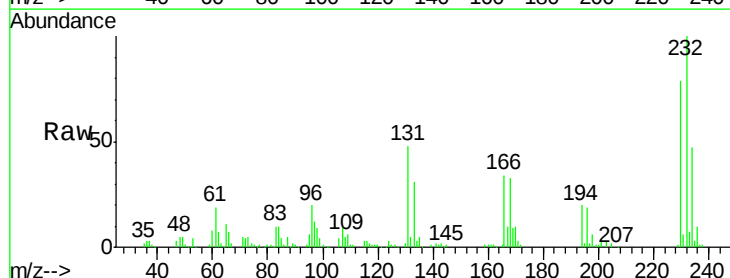
Ion Ratio Lower Upper

232 100

131 44.2 38.5 57.7

130 2.0 1.8 2.6

166 29.3 25.0 37.6

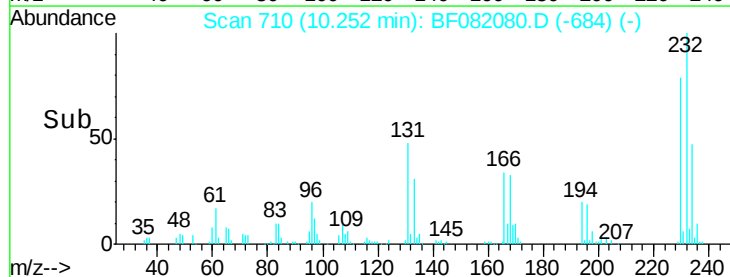
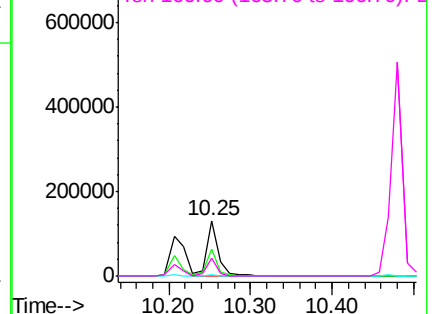


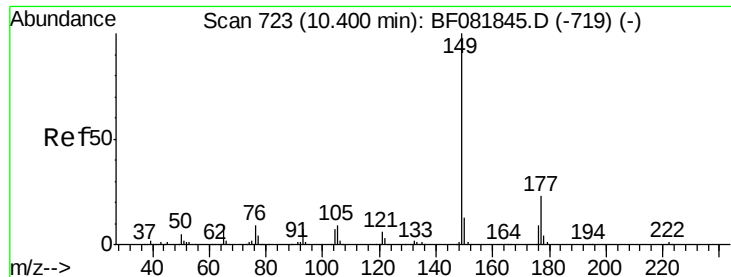
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

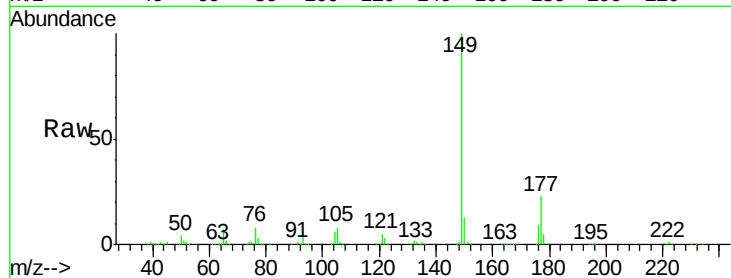




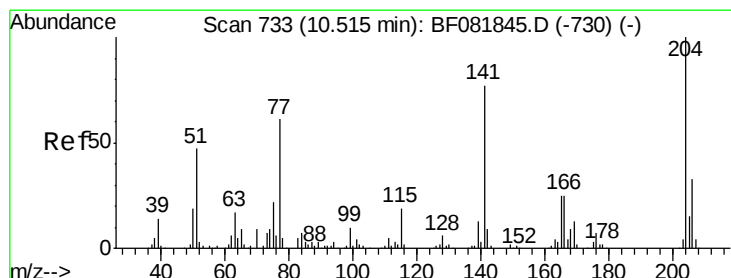
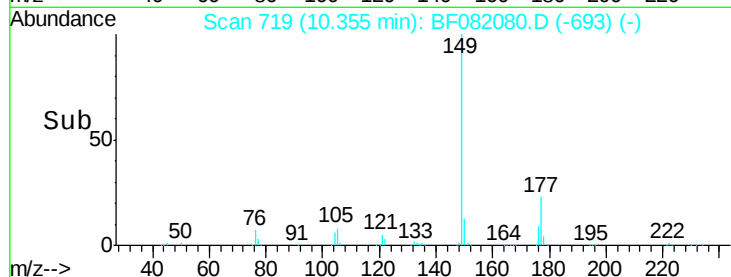
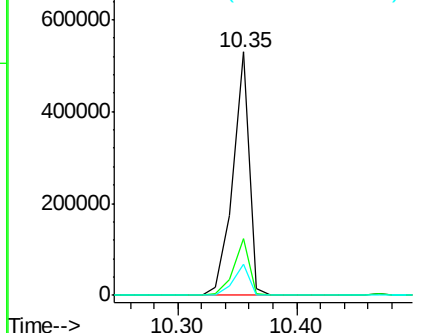
#59
Diethylphthalate
Concen: 47.78 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion:149 Resp: 507195
Ion Ratio Lower Upper
149 100
177 23.1 17.5 26.3
150 12.6 9.4 14.2

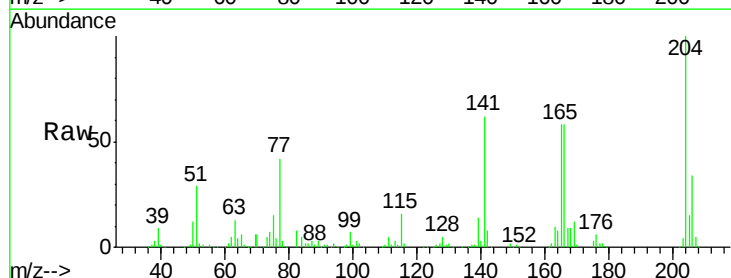


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

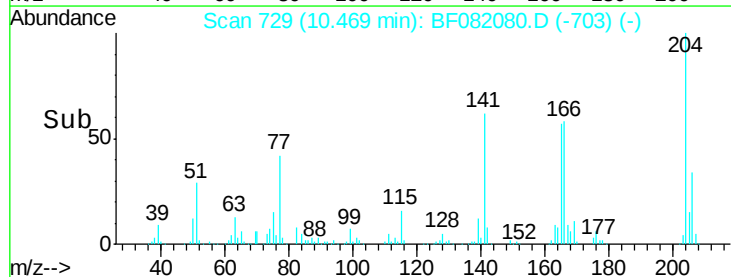
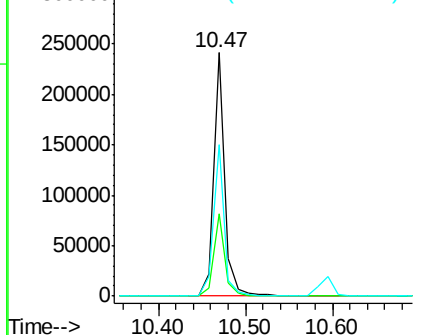


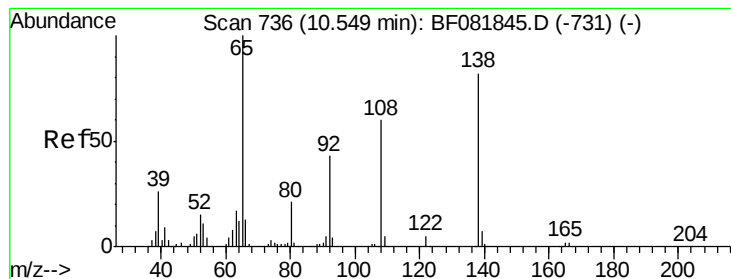
#60
4-Chlorophenyl-phenylether
Concen: 44.03 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion:204 Resp: 215952
Ion Ratio Lower Upper
204 100
206 34.0 24.8 37.2
141 62.4 42.2 63.4



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: 40.12 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

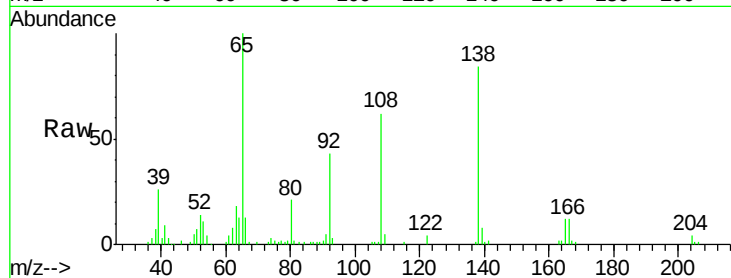
Tot Ion:138 Resp: 114823

Ion Ratio Lower Upper

138 100

92 50.8 12.6 52.6

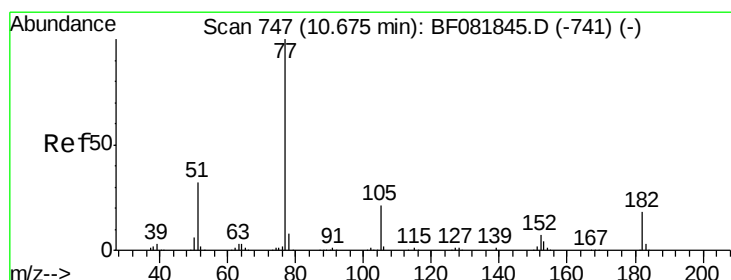
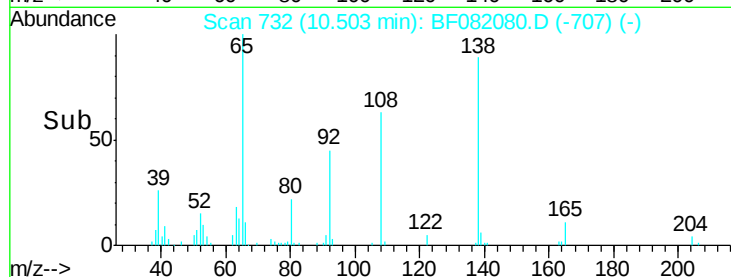
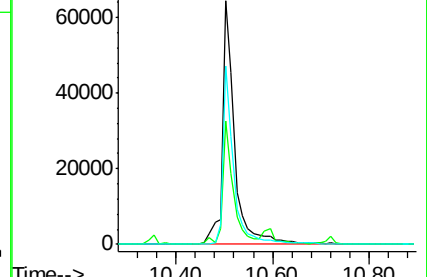
108 73.3 12.4 52.4#



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: 45.39 ng

RT: 10.63 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion: 77 Resp: 470221

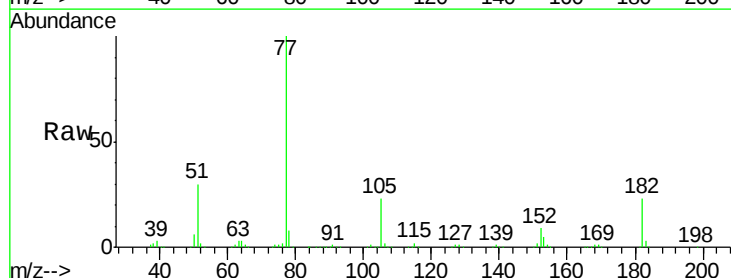
Ion Ratio Lower Upper

77 100

182 22.7 15.1 55.1

105 23.0 3.4 43.4

51 30.3 12.0 52.0

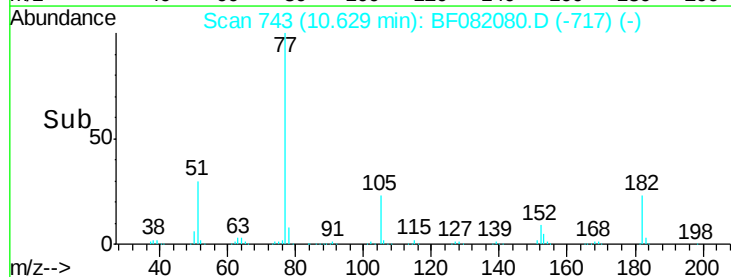
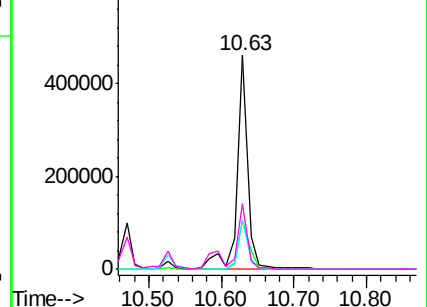


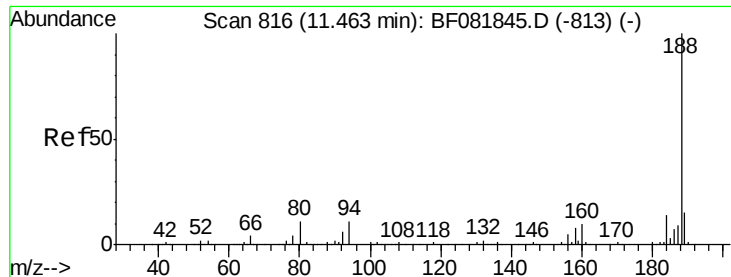
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

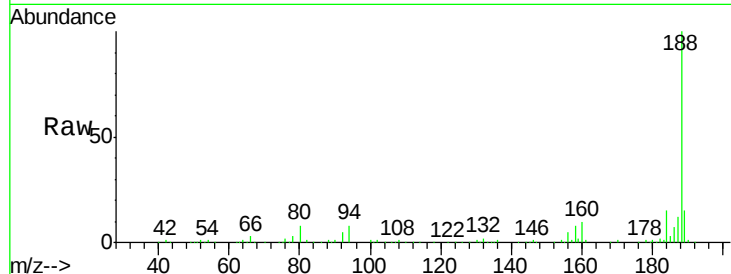




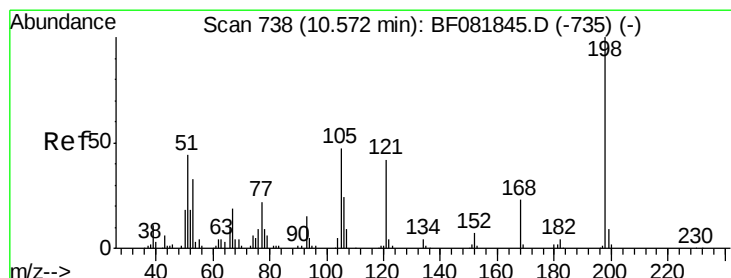
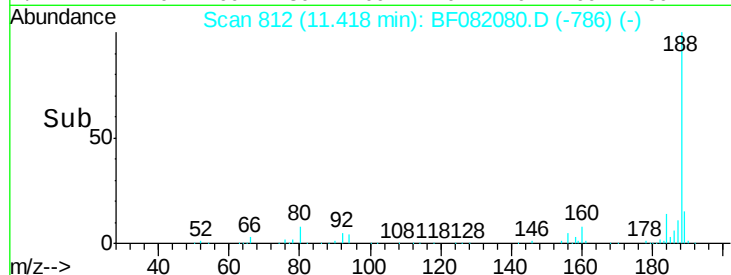
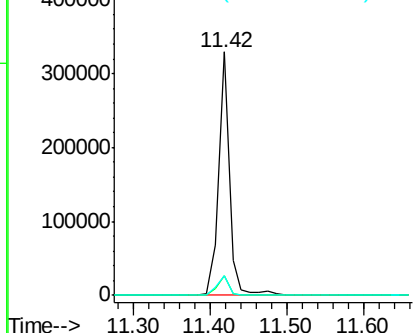
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion:188 Resp: 323847
Ion Ratio Lower Upper
188 100
94 8.0 11.1 16.7#
80 8.1 11.0 16.4#

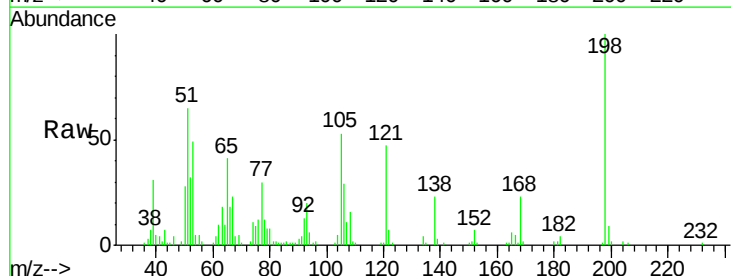


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

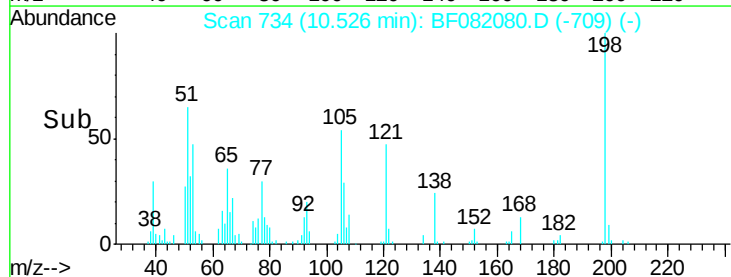
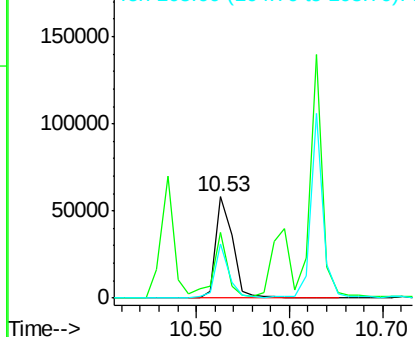


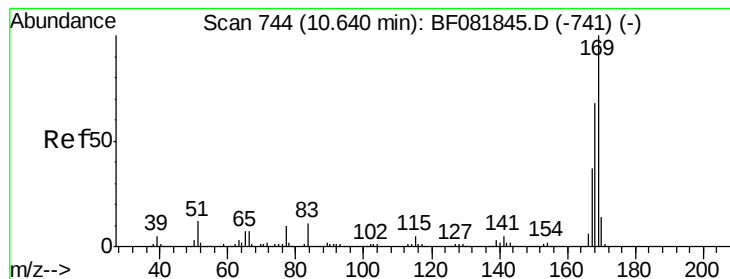
#64
4,6-Dinitro-2-methylphenol
Concen: 49.53 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion:198 Resp: 73340
Ion Ratio Lower Upper
198 100
51 64.9 39.6 79.6
105 53.5 28.5 68.5



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: 43.55 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

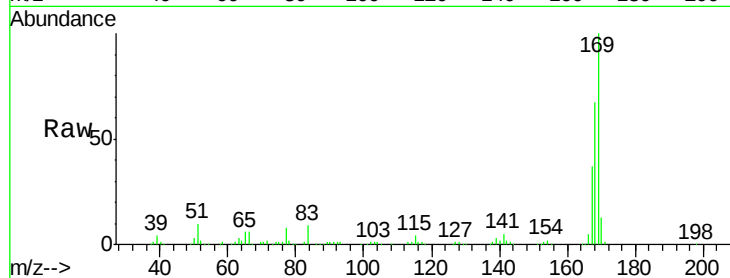
Tot Ion:169 Resp: 426729

Ion Ratio Lower Upper

169 100

168 67.5 48.9 73.3

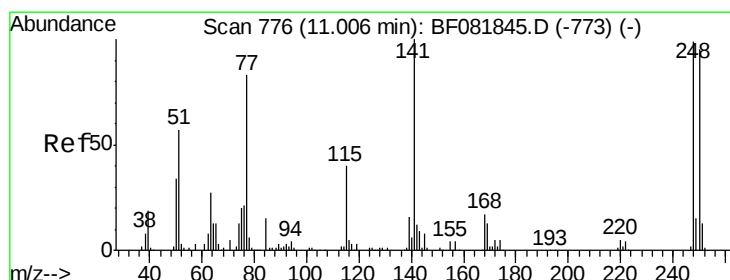
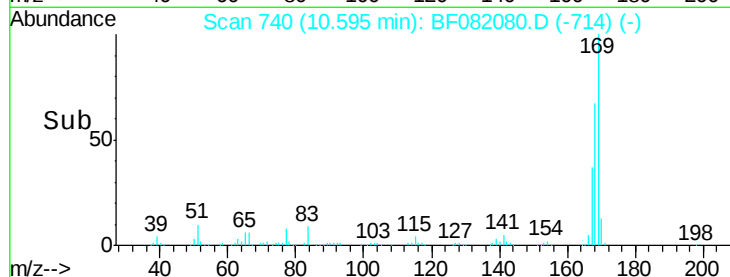
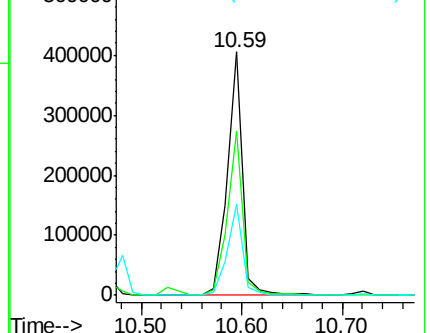
167 37.3 26.2 39.4



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: 44.17 ng

RT: 10.96 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

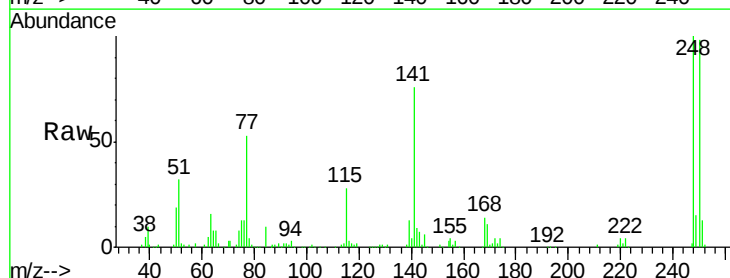
Tgt Ion:248 Resp: 144214

Ion Ratio Lower Upper

248 100

250 98.2 78.5 117.7

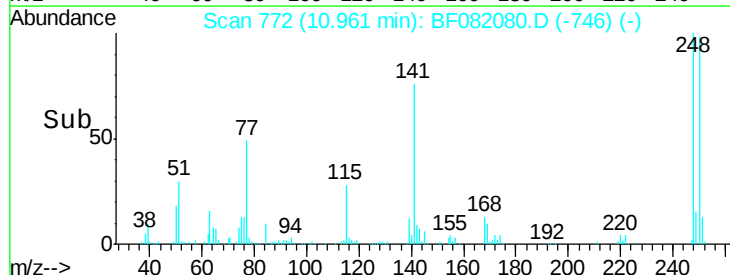
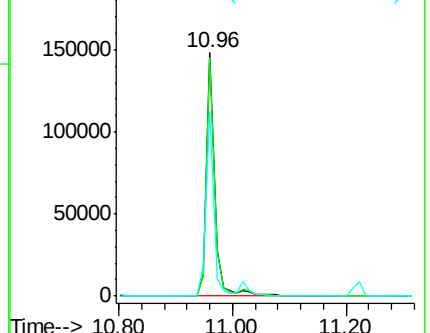
141 75.9 59.0 88.6



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

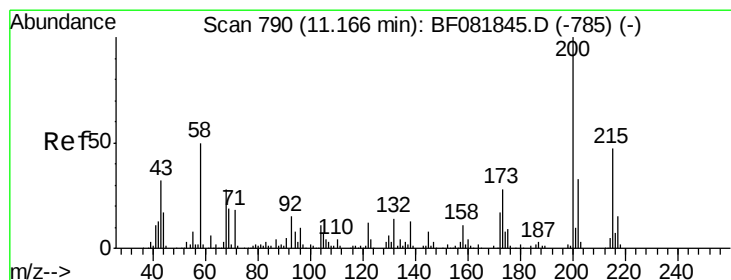
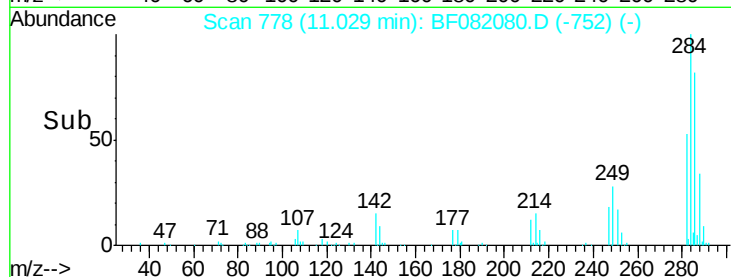
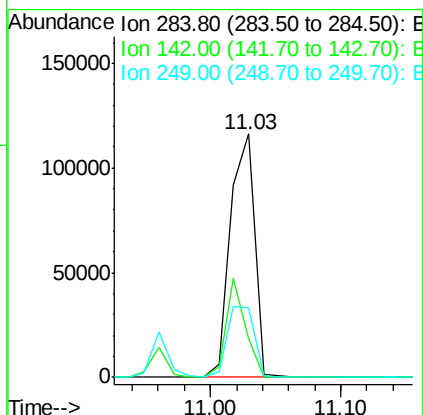
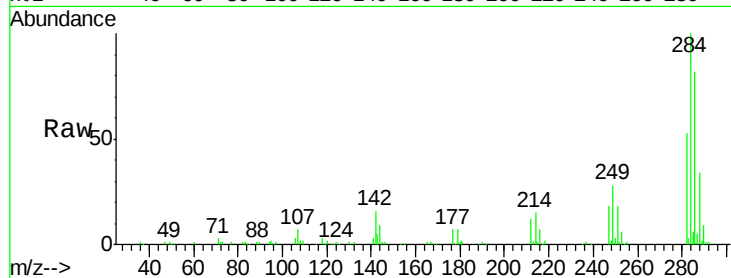




#67
Hexachlorobenzene
Concen: 40.40 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

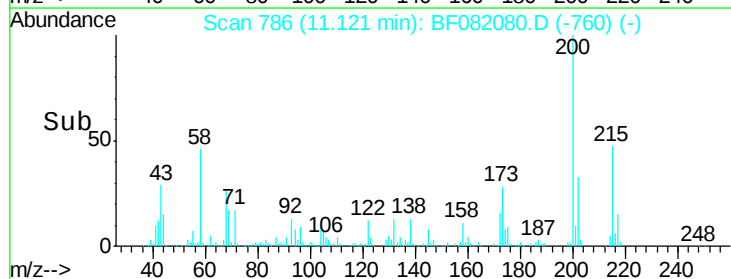
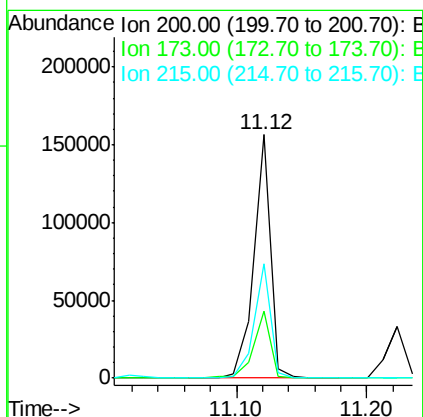
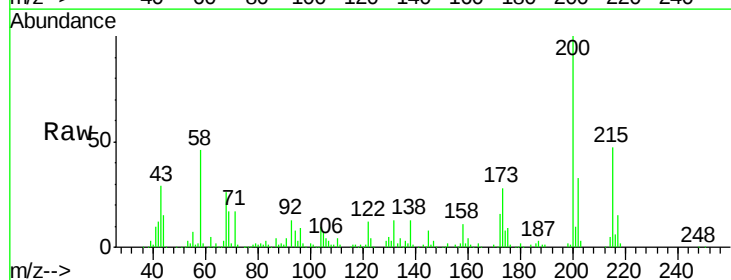
Instrument :
BNA_F
ClientSampleId :
PB85910BS

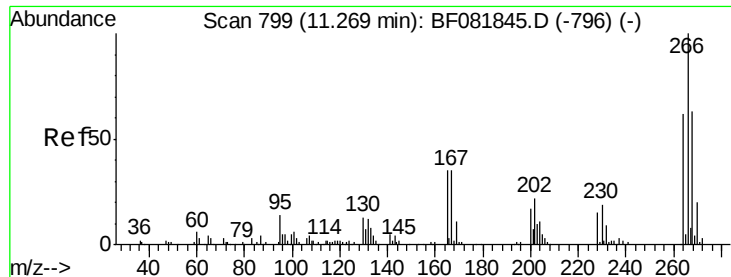
Tot Ion:284 Resp: 148871
Ion Ratio Lower Upper
284 100
142 15.8 29.5 44.3#
249 28.3 19.5 29.3



#68
Atrazine
Concen: 45.90 ng
RT: 11.12 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion:200 Resp: 139540
Ion Ratio Lower Upper
200 100
173 27.6 13.2 53.2
215 47.1 41.8 81.8

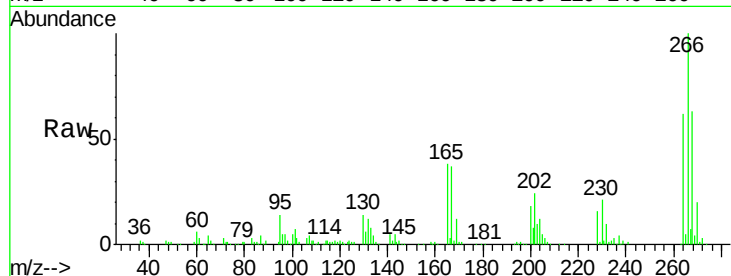




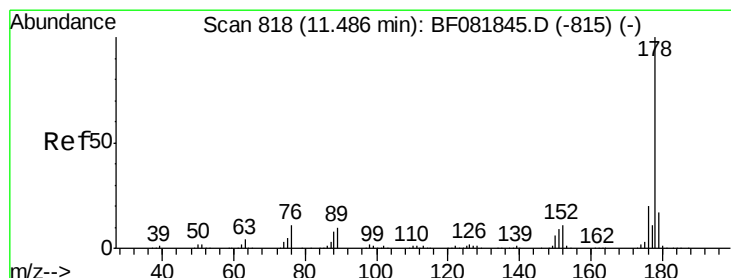
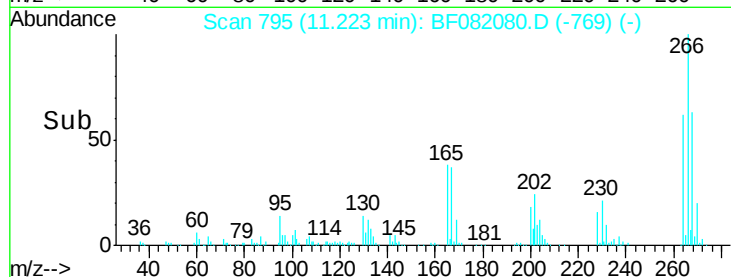
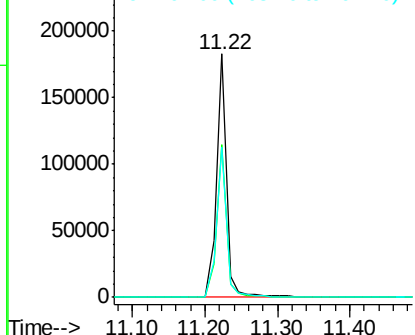
#69
 Pentachlorophenol
 Concen: 84.45 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion:266 Resp: 177313
 Ion Ratio Lower Upper
 266 100
 268 63.0 49.8 74.6
 264 61.8 50.2 75.2

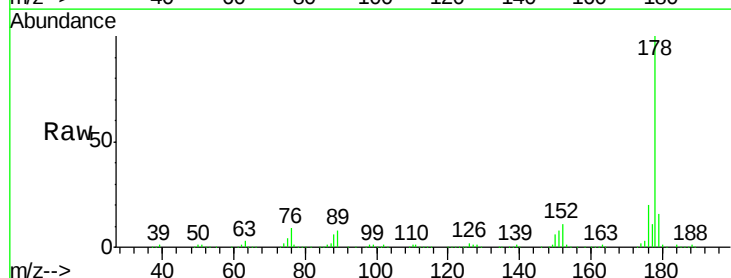


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

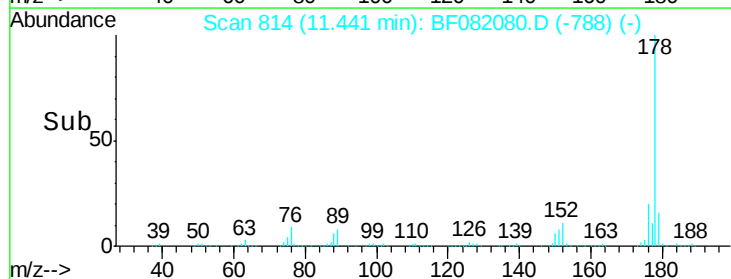
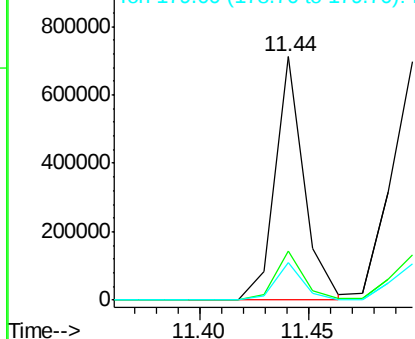


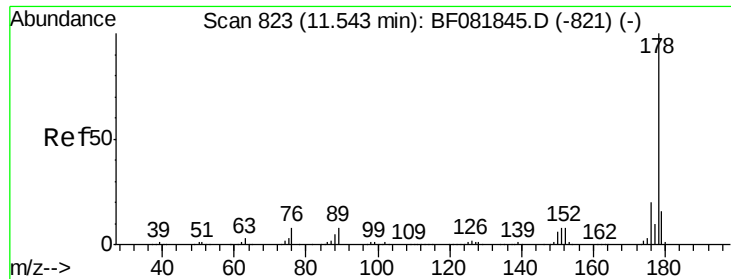
#70
 Phenanthrene
 Concen: 42.47 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion:178 Resp: 663415
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.7 12.2 18.2



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

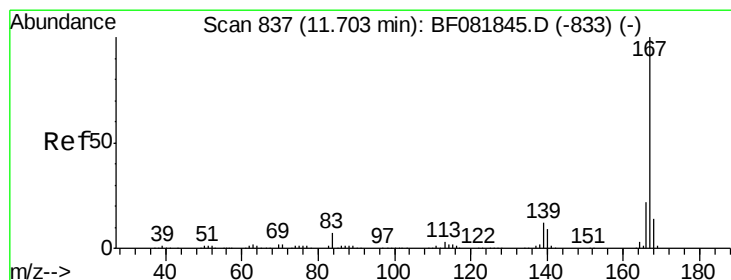
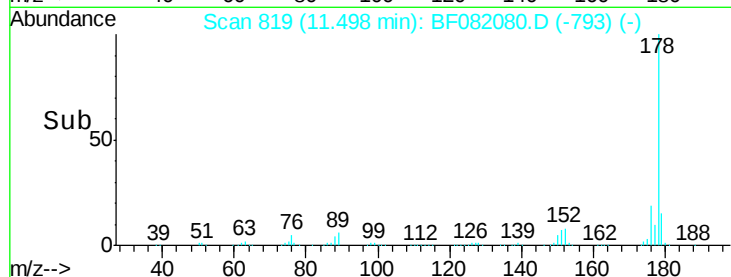
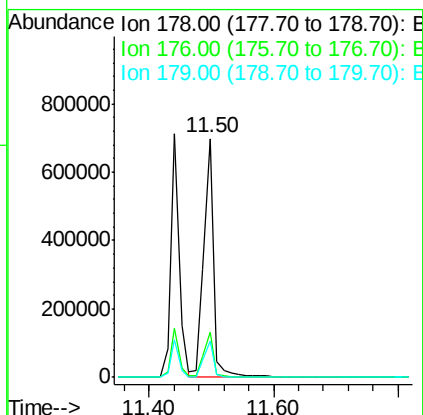
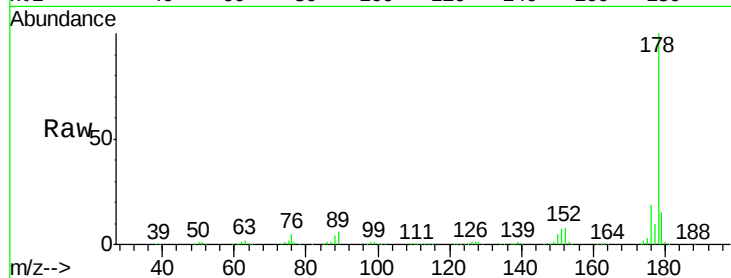




#71
 Anthracene
 Concen: 47.85 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

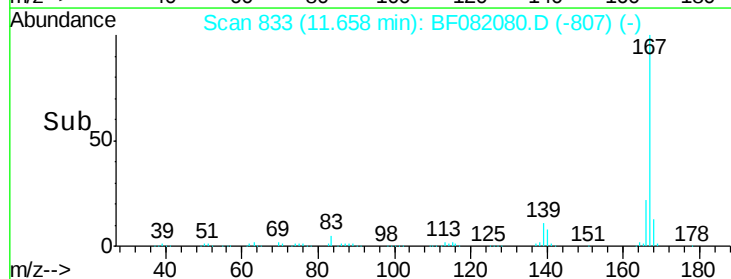
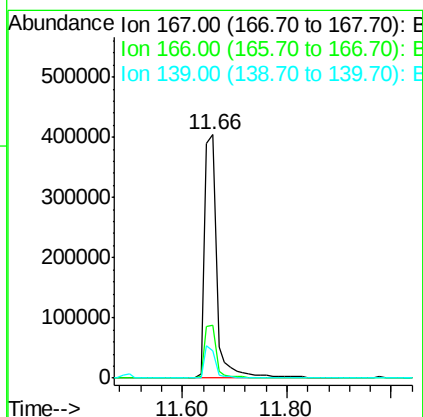
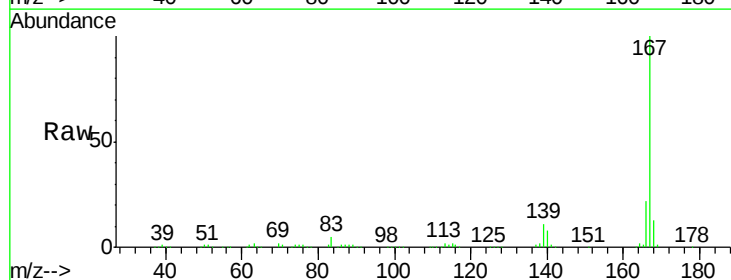
Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

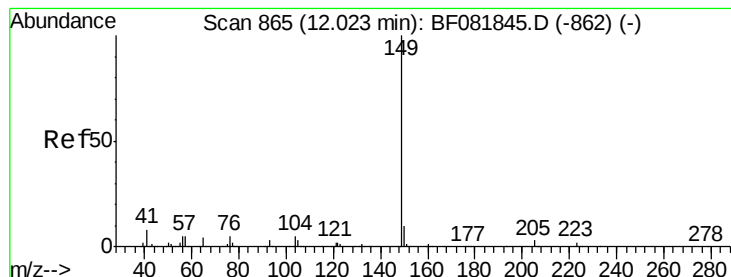
Tot Ion:178 Resp: 787627
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.1 21.1
 179 15.3 12.2 18.2



#72
 Carbazole
 Concen: 44.43 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion:167 Resp: 661907
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 11.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 52.68 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

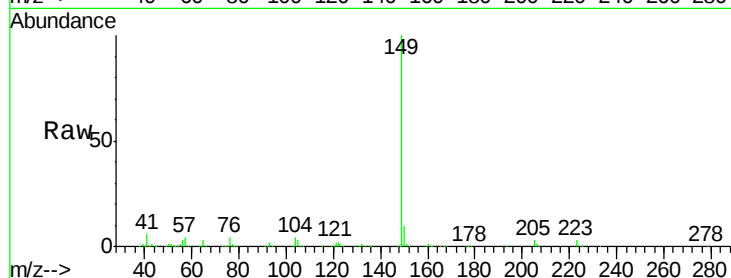
Tot Ion:149 Resp: 795809

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

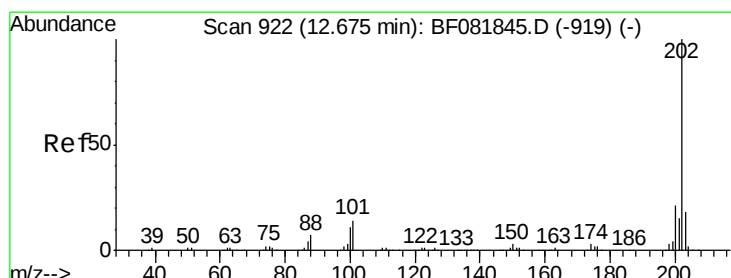
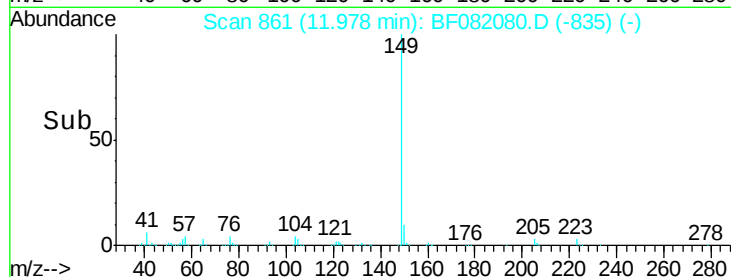
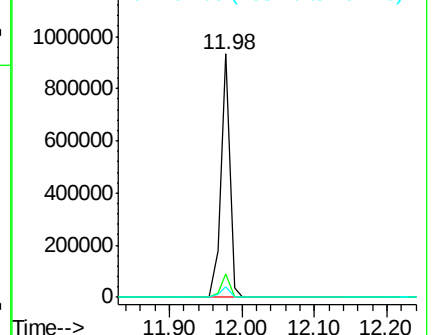
104 4.4 2.4 3.6#



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: 42.67 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

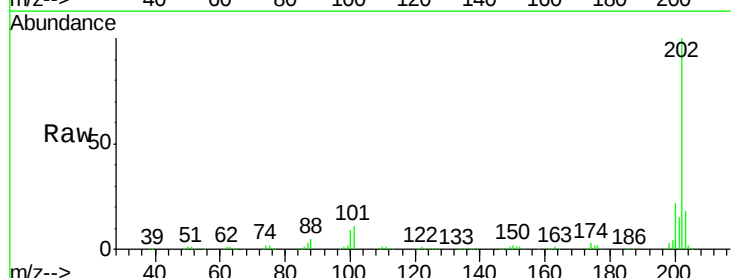
Tgt Ion:202 Resp: 740242

Ion Ratio Lower Upper

202 100

101 11.2 0.0 38.3

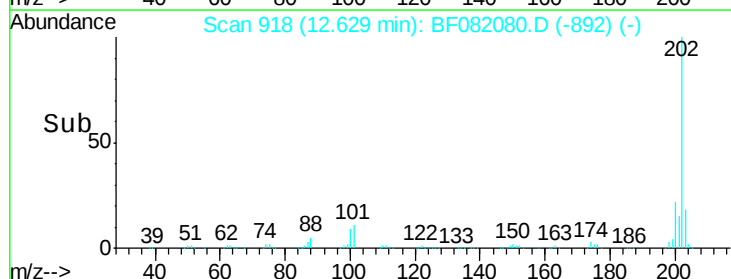
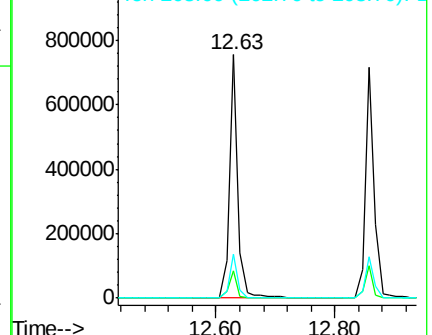
203 18.0 0.0 37.3

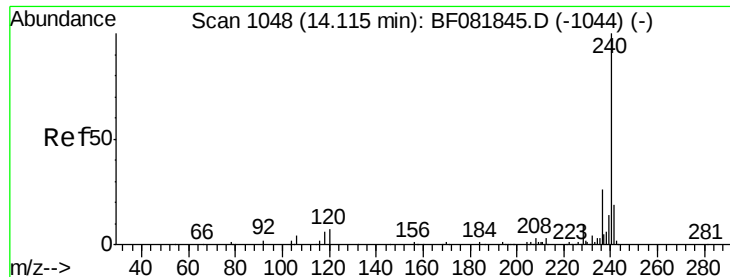


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

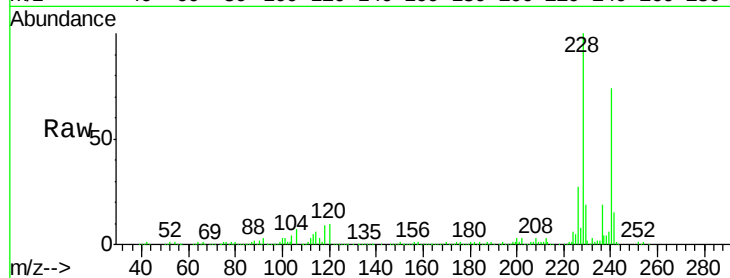
Tot Ion:240 Resp: 295895

Ion Ratio Lower Upper

240 100

120 13.1 16.2 24.2#

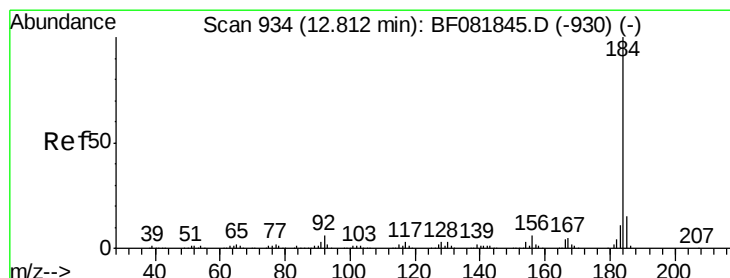
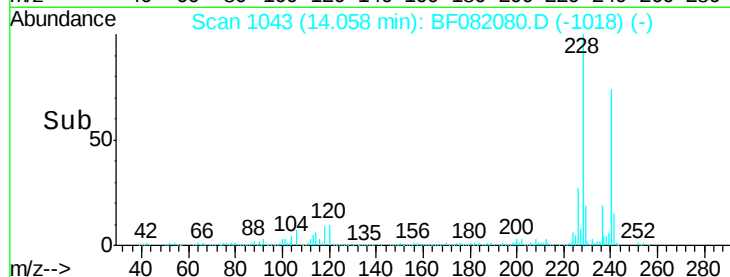
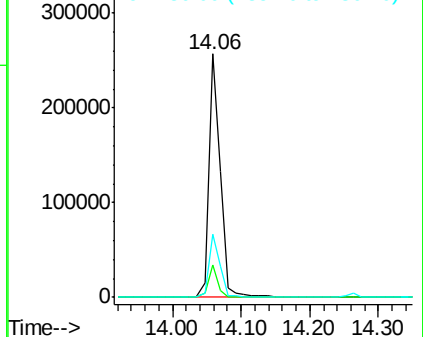
236 25.9 18.4 27.6



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: 31.45 ng

RT: 12.76 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

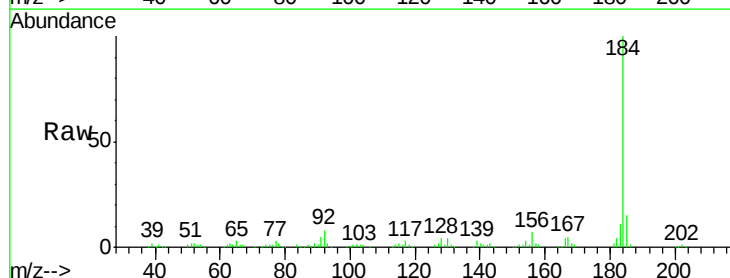
Tgt Ion:184 Resp: 280431

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

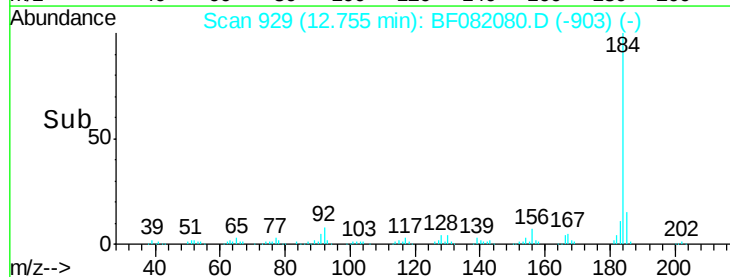
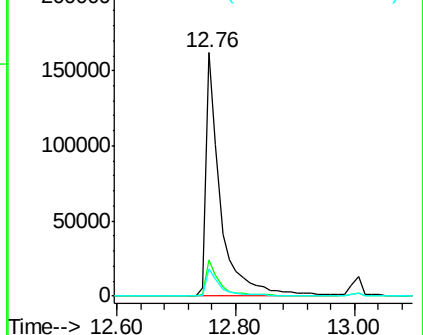
183 11.3 7.6 11.4

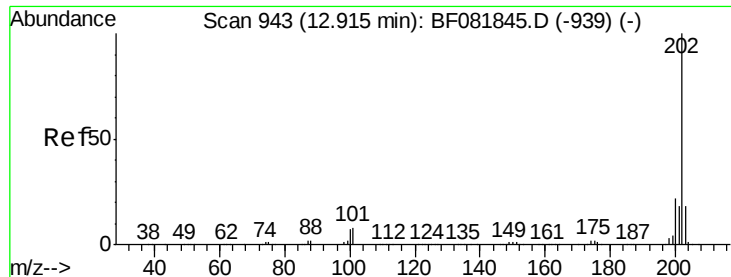


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

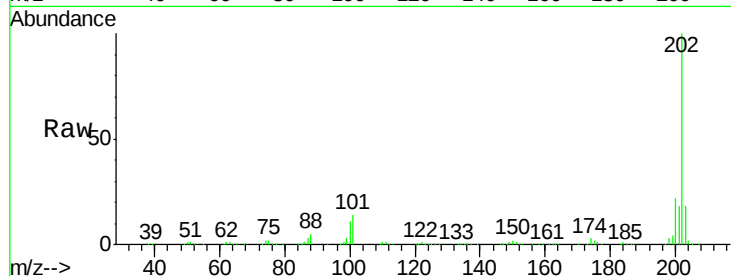




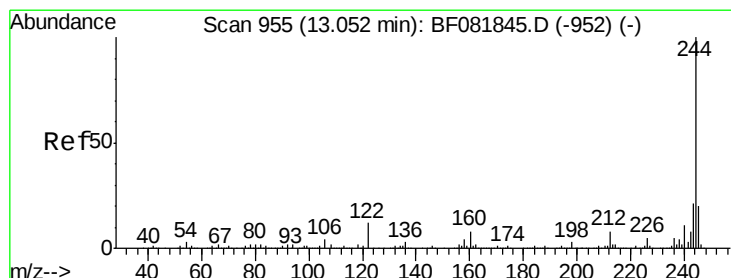
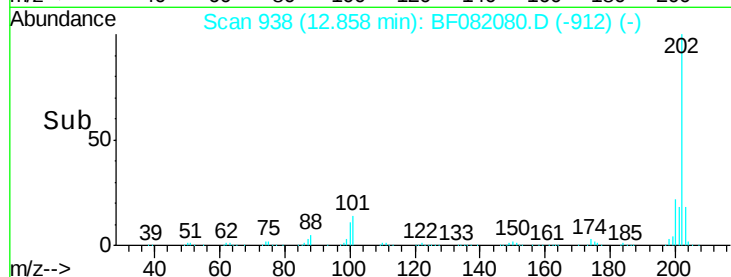
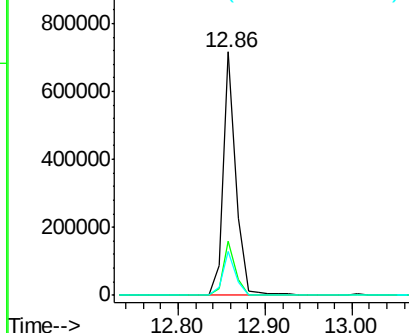
#77
Pvrene
Concen: 41.43 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	15.0	22.4
203	18.2	14.1	21.1

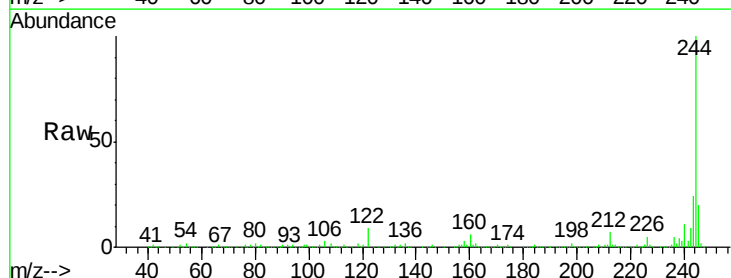


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

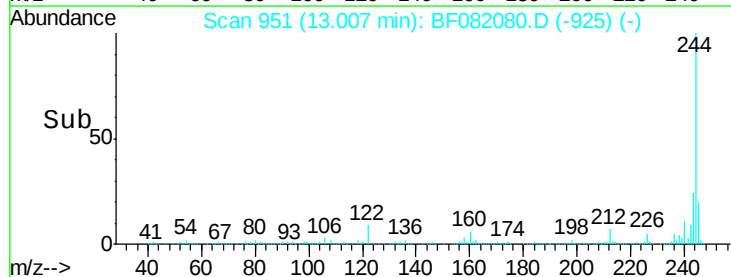
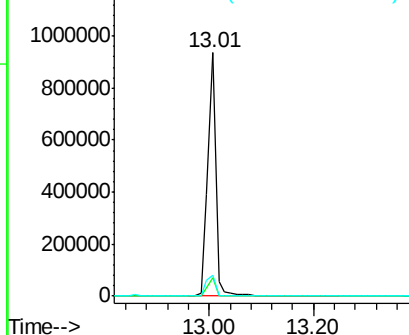


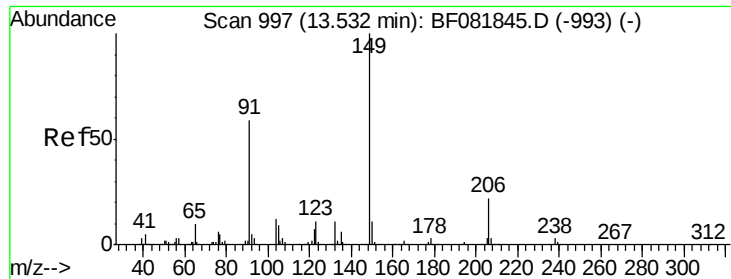
#78
Terphenyl-d14
Concen: 125.78 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	8.5	17.4	26.2#



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





#79

Butylbenzylphthalate

Concen: 47.63 ng

RT: 13.48 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

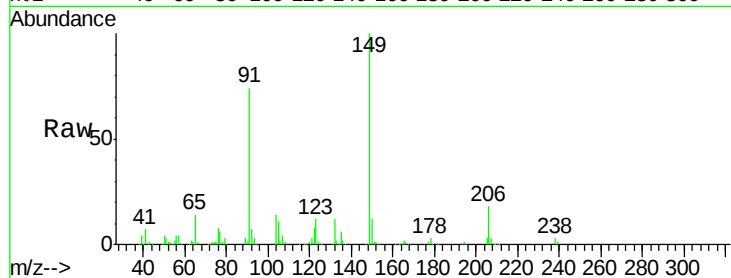
Tot Ion:149 Resp: 316842

Ion Ratio Lower Upper

149 100

91 73.6 48.6 72.8#

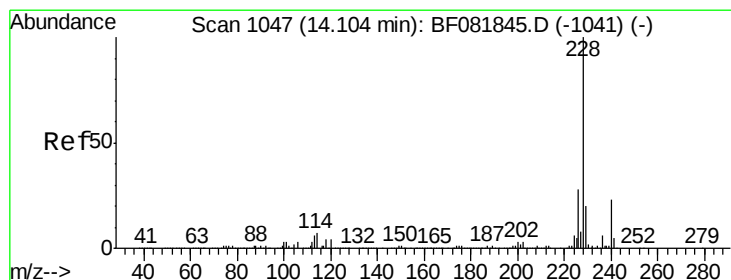
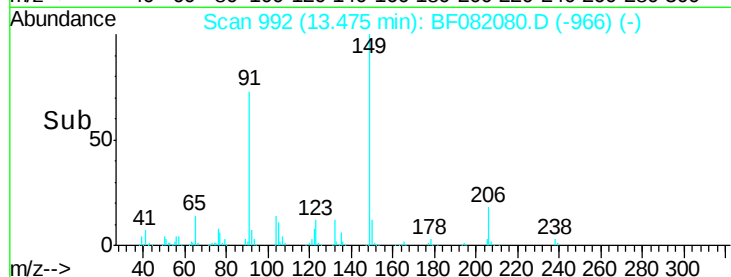
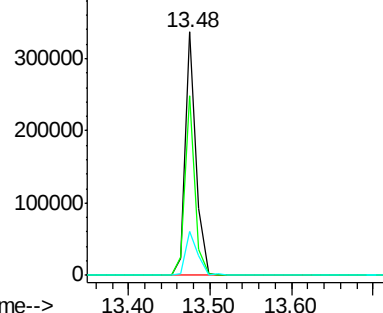
206 17.9 14.9 22.3



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: 44.45 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

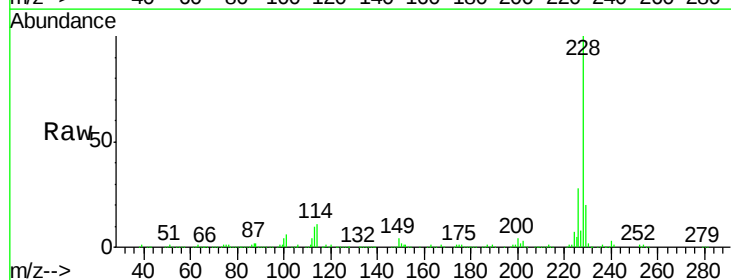
Tgt Ion:228 Resp: 708304

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

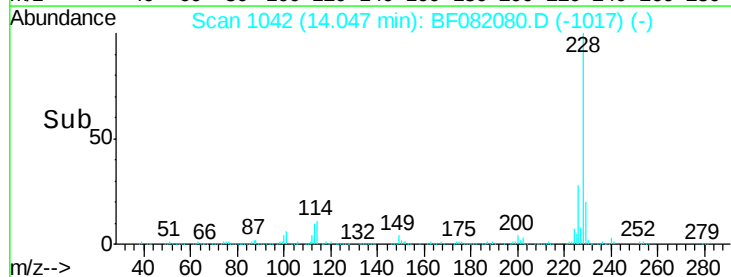
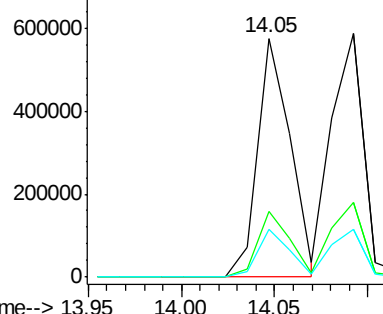
229 20.2 15.4 23.2



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

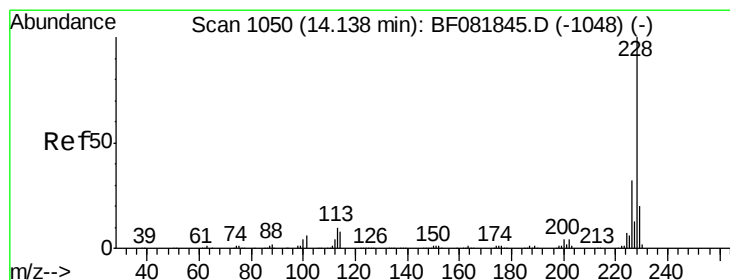
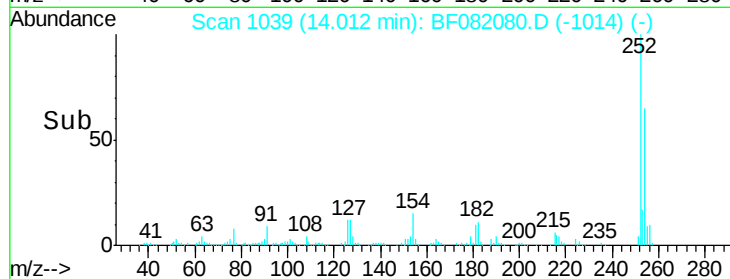
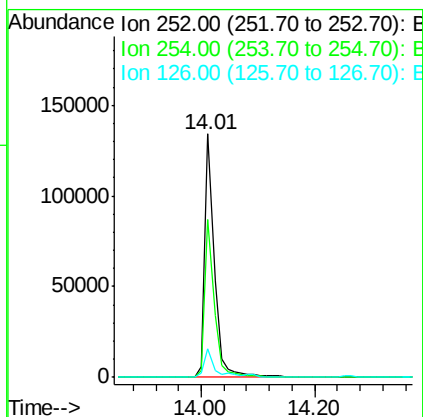
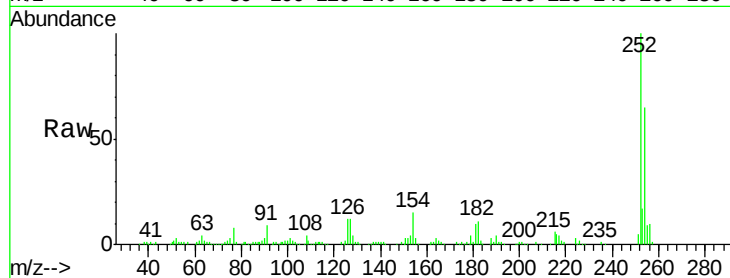




#81
 3,3'-Dichlorobenzidine
 Concen: 28.54 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

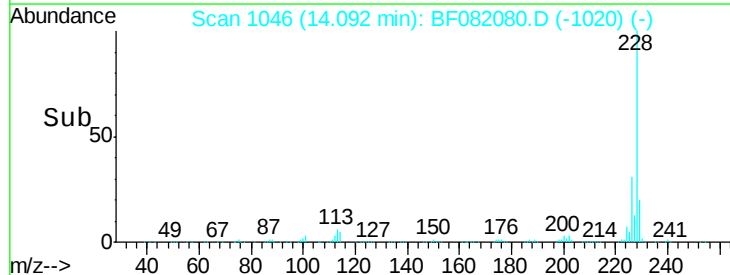
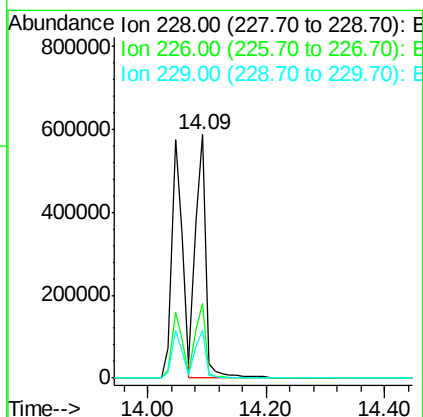
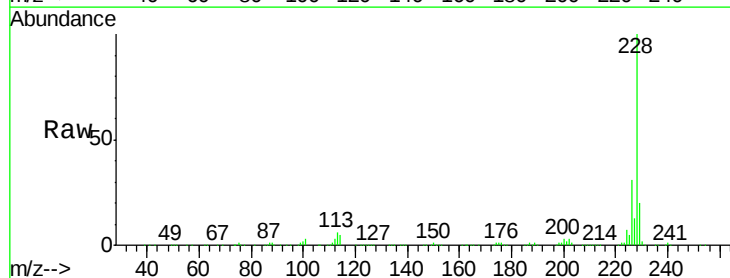
Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion:252 Resp: 153589
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.4 77.2
 126 11.9 16.4 24.6#



#82
 Chrysene
 Concen: Below Cal
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion:228 Resp: 732088
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.0 31.4
 229 19.6 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.52 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

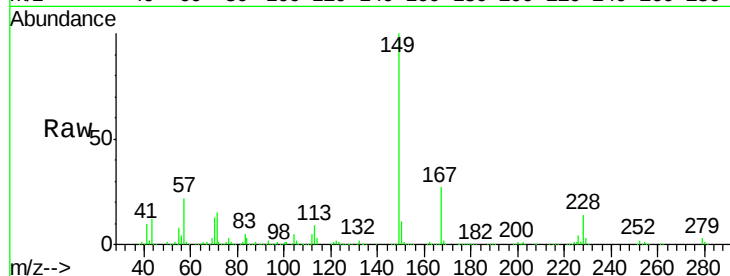
Tot Ion:149 Resp: 463219

Ion Ratio Lower Upper

149 100

167 27.3 24.2 36.2

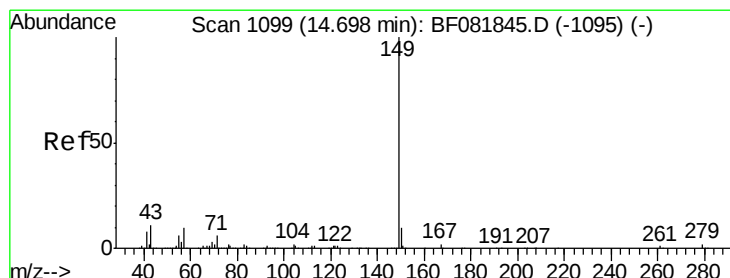
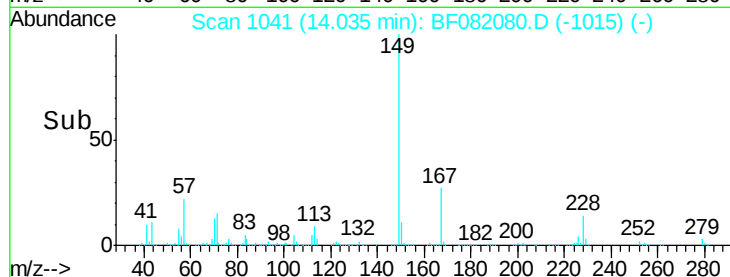
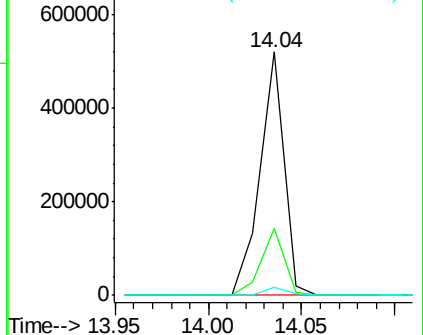
279 3.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.97 ng

RT: 14.64 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

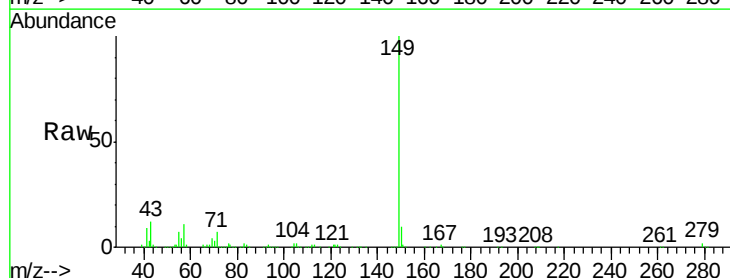
Tgt Ion:149 Resp: 760000

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

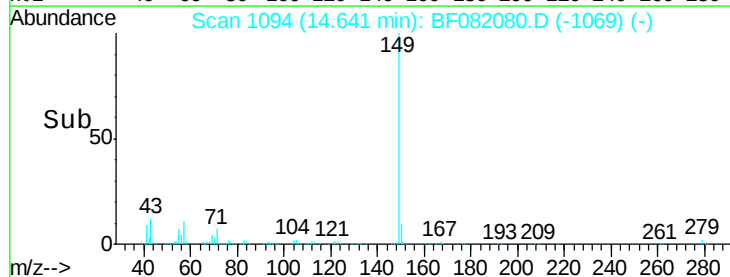
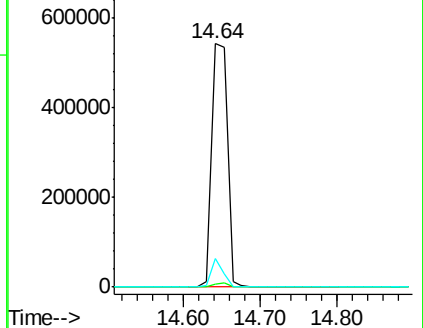
43 8.7 10.2 15.2#

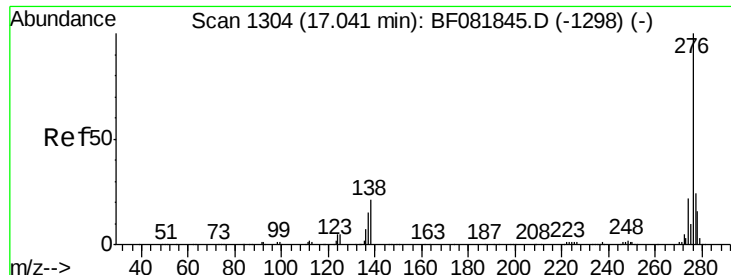


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

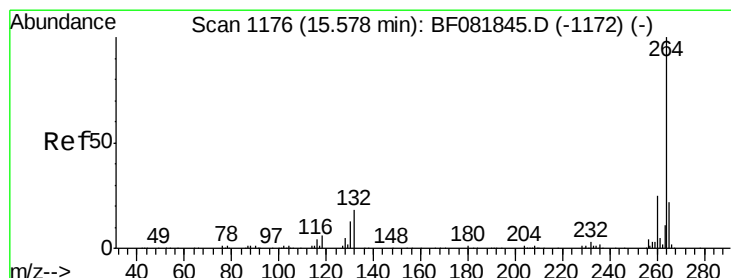
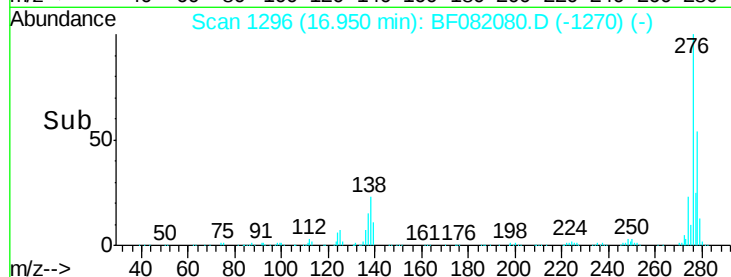
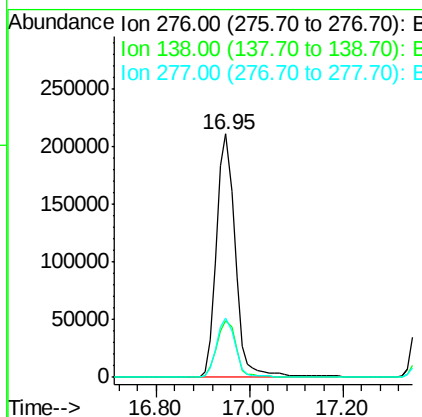
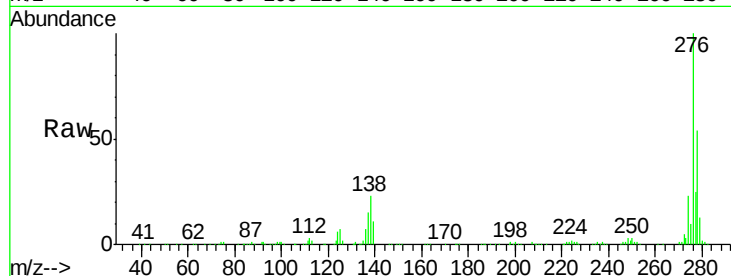




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.42 ng
 RT: 16.95 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

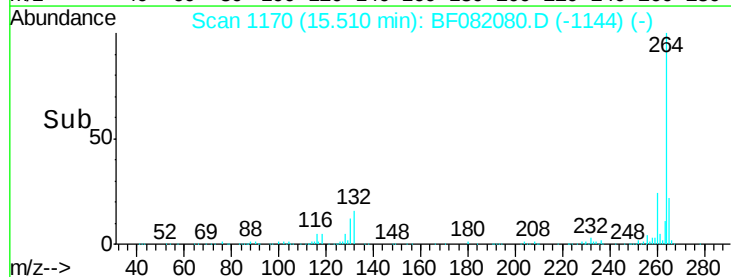
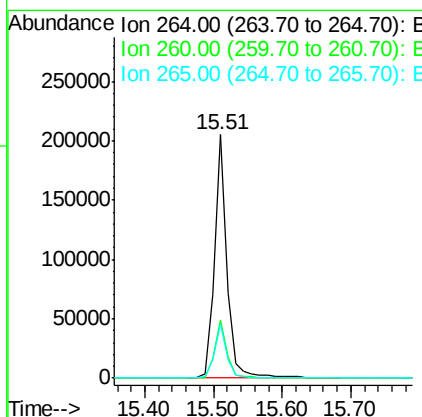
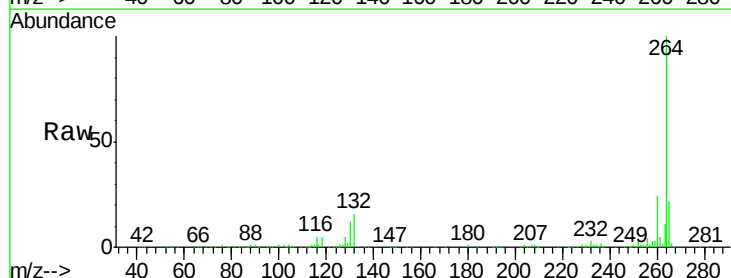
Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

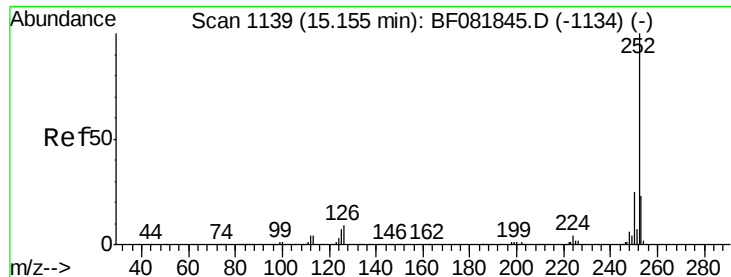
Tot Ion:276 Resp: 591108
 Ion Ratio Lower Upper
 276 100
 138 24.2 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion:264 Resp: 265455
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 50.78 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

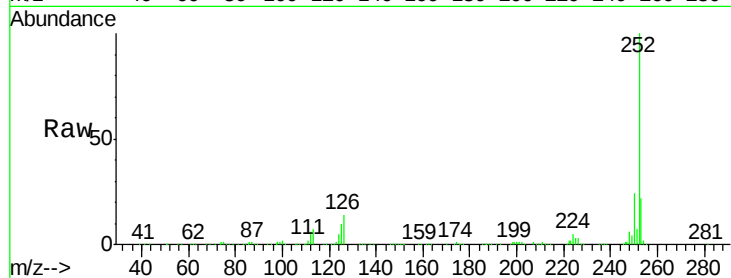
Tot Ion:252 Resp: 769679

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

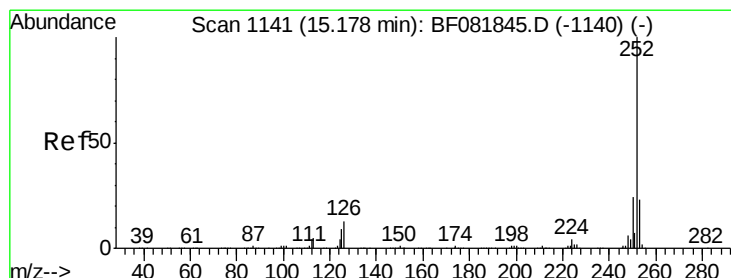
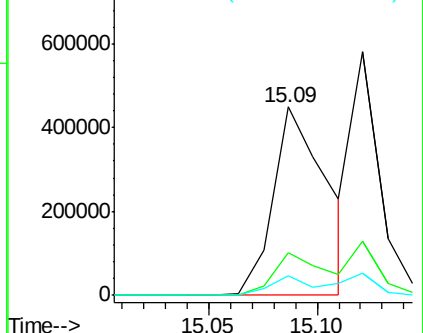
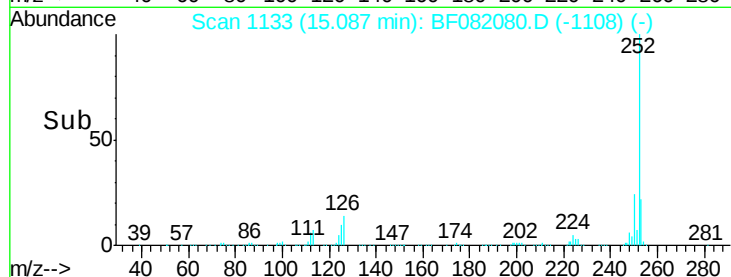
125 10.3 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 55.41 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

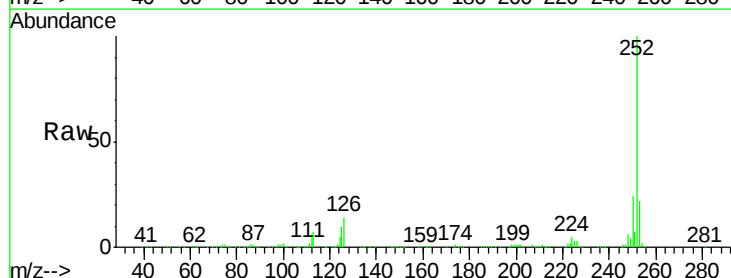
Tgt Ion:252 Resp: 769679

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

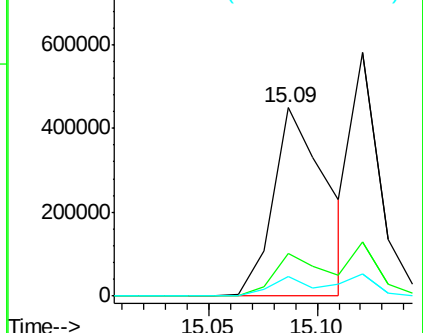
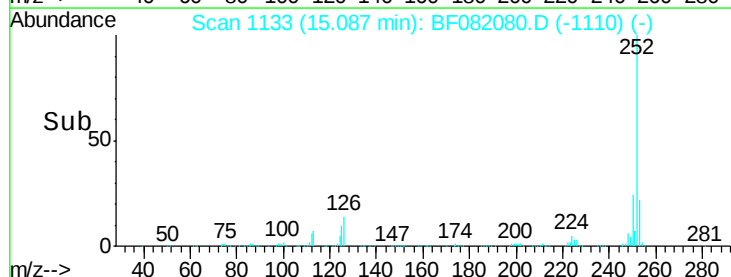
125 10.3 16.0 24.0#



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





#89

Benzo(a)pyrene

Concen: 47.57 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

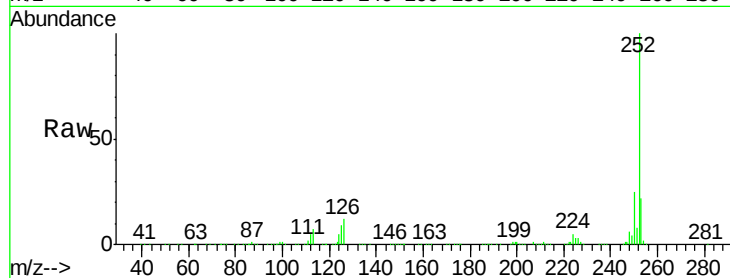
Tot Ion:252 Resp: 625411

Ion Ratio Lower Upper

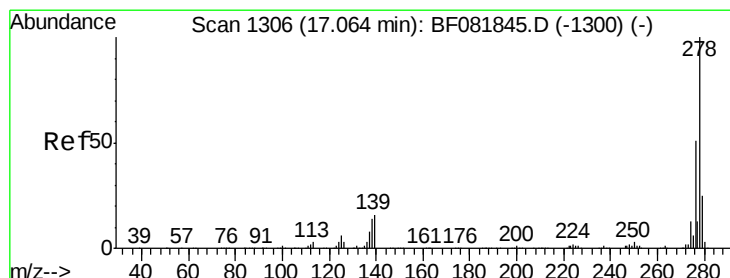
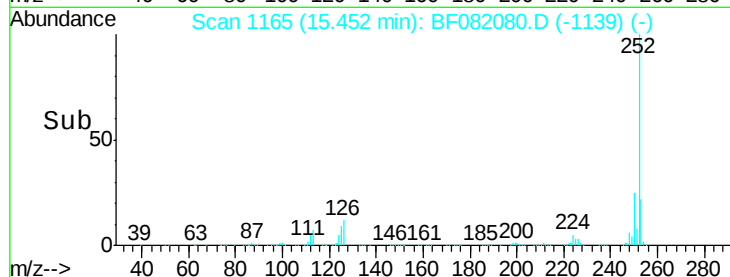
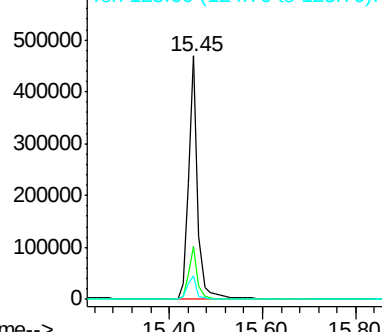
252 100

253 21.9 17.2 25.8

125 9.4 18.0 27.0#



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: 43.98 ng

RT: 16.96 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

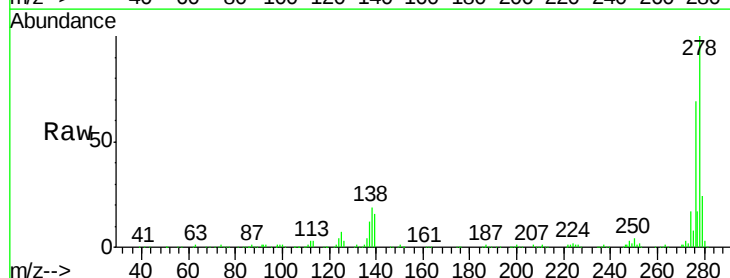
Tgt Ion:278 Resp: 485089

Ion Ratio Lower Upper

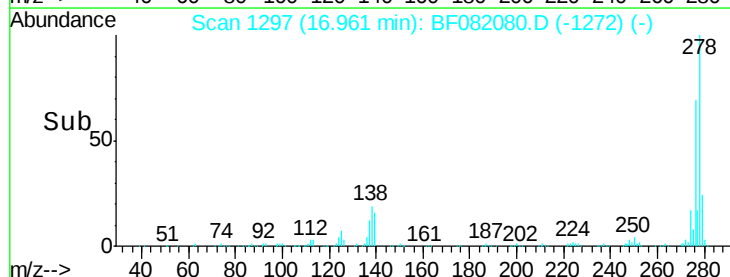
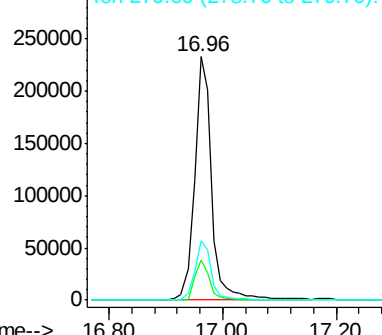
278 100

139 16.5 26.3 39.5#

279 24.5 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.12 ng

RT: 17.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

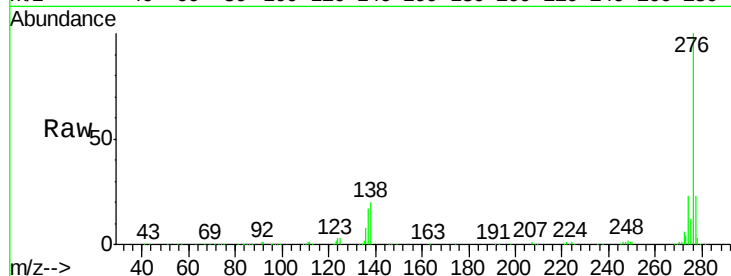
Tot Ion:276 Resp: 476100

Ion Ratio Lower Upper

276 100

277 23.3 17.8 26.6

138 19.6 34.6 51.8#



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

