

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085815.D
 Acq On : 28 Mar 2016 21:42
 Operator : UM/SJ
 Sample : H1937-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

Quant Time: Mar 29 03:37:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	393136	20.00	ng	0.15
21) Naphthalene-d8	8.10	136	439016	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	191631	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	345259	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	216292	20.00	ng	0.00
86) Perylene-d12	15.40	264	178529	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1070736	45.36	ng	0.02
7) Phenol-d6	6.46	99	1344571	44.80	ng	0.00
23) Nitrobenzene-d5	7.38	82	783788	100.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	313553	172.21	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1296750	113.06	ng	-0.01
78) Terphenyl-d14	12.93	244	1131170	107.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	131028	11.62	ng	99
3) Pyridine	3.16	79	343444	12.71	ng	100
4) n-Nitrosodimethylamine	3.11	42	168286	15.56	ng	98
6) Aniline	6.56	93	386656	9.57	ng	# 56
8) 2-Chlorophenol	6.61	128	404782	14.76	ng	97
9) Benzaldehyde	6.37	77	50959	2.82	ng	96
10) Phenol	6.48	94	444792	13.08	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	386656	14.78	ng	97
12) 1,3-Dichlorobenzene	6.98	146	361557	12.24	ng	# 88
13) 1,4-Dichlorobenzene	6.98	146	361557	12.07	ng	97
14) 1,2-Dichlorobenzene	6.98	146	361557	12.95	ng	94
15) Benzyl Alcohol	6.96	79	297646	14.86	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	442040	12.73	ng	93
17) 2-Methylphenol	7.09	107	334591	15.24	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	248988	13.86	ng	92
20) 3+4-Methylphenols	7.24	107	362714	13.74	ng	95
22) Acetophenone	7.24	105	497083	48.60	ng	# 97
24) Nitrobenzene	7.41	77	428910	53.37	ng	95
25) Isophorone	7.65	82	771820	51.39	ng	97
26) 2-Nitrophenol	7.73	139	226193	56.26	ng	91
27) 2,4-Dimethylphenol	7.76	122	354525	50.45	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	460046	53.76	ng	98
29) 2,4-Dichlorophenol	7.97	162	322863	54.65	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	338516	51.61	ng	97
31) Naphthalene	8.13	128	1126092	50.91	ng	100
32) Benzoic acid	7.84	122	20315	4.35	ng	97
33) 4-Chloroaniline	8.18	127	183543	20.32	ng	98
34) Hexachlorobutadiene	8.24	225	171726	48.17	ng	98
35) Caprolactam	8.56	113	71739	34.28	ng	91
36) 4-Chloro-3-methylphenol	8.68	107	373522	54.13	ng	96
37) 2-Methylnaphthalene	8.81	142	732170	62.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	283010	49.80	ng	99
40) Hexachlorocyclopentadiene	8.97	237	210485	87.85	ng	99
42) 2,4,6-Trichlorophenol	9.10	196	203771	53.09	ng	100

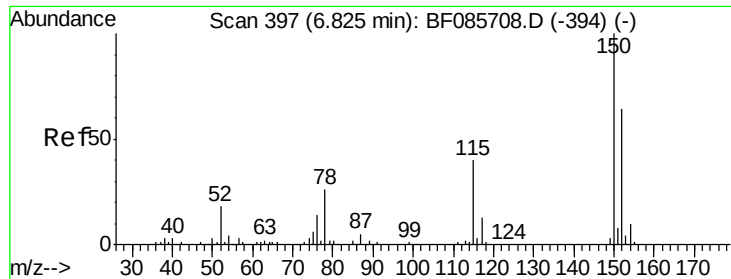
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	214957	53.41	ng	# 80
45) 1,1'-Biphenyl	9.28	154	782235	48.37	ng	98
46) 2-Chloronaphthalene	9.30	162	615382	51.76	ng	# 90
47) 2-Nitroaniline	9.41	65	202069	55.57	ng	97
48) Acenaphthylene	9.73	152	1031546	53.24	ng	99
49) Dimethylphthalate	9.59	163	949497	65.31	ng	100
50) 2,6-Dinitrotoluene	9.65	165	166185	53.10	ng	91
51) Acenaphthene	9.90	154	622064	52.56	ng	99
52) 3-Nitroaniline	9.82	138	122843	34.29	ng	98
53) 2,4-Dinitrophenol	9.93	184	59369	40.75	ng	# 73
54) Dibenzofuran	10.07	168	912182	59.55	ng	96
55) 4-Nitrophenol	9.99	139	230309	98.69	ng	91
56) 2,4-Dinitrotoluene	10.06	165	224416	56.42	ng	# 69
57) Fluorene	10.41	166	686162	53.89	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	161365	57.68	ng	98
59) Diethylphthalate	10.29	149	750131	52.22	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	338233	54.33	ng	90
61) 4-Nitroaniline	10.44	138	165544	48.32	ng	91
62) Azobenzene	10.56	77	834069	60.42	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	100960	49.93	ng	# 62
65) n-Nitrosodiphenylamine	10.53	169	626463	57.29	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	201766	57.12	ng	# 88
67) Hexachlorobenzene	10.96	284	210243	56.91	ng	# 88
68) Atrazine	11.05	200	214149	58.00	ng	99
69) Pentachlorophenol	11.16	266	224361	123.72	ng	100
70) Phenanthrene	11.37	178	1034495	58.35	ng	99
71) Anthracene	11.42	178	961033	51.64	ng	100
72) Carbazole	11.58	167	965895	61.82	ng	99
73) Di-n-butylphthalate	11.91	149	1193507	55.66	ng	99
74) Fluoranthene	12.55	202	876615	46.52	ng	98
76) Benzidine	12.68	184	393909	51.71	ng	98
77) Pyrene	12.78	202	870280	48.95	ng	99
79) Butylbenzylphthalate	13.40	149	407951	54.79	ng	# 76
80) Benzo(a)anthracene	13.97	228	690557	55.99	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	144721	16.91	ng	# 96
82) Chrysene	14.00	228	521302	41.96	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	516833	57.97	ng	# 98
84) Di-n-octyl phthalate	14.56	149	754597	56.92	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	693449	72.29	ng	99
87) Benzo(b)fluoranthene	15.02	252	1105279	98.28	ng	# 97
88) Benzo(k)fluoranthene	15.02	252	1105279	109.01	ng	100
89) Benzo(a)pyrene	15.34	252	555137	55.59	ng	# 97
90) Dibenzo(a,h)anthracene	16.79	278	578143	62.31	ng	97
91) Benzo(g,h,i)perylene	17.20	276	589827	62.78	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.15 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

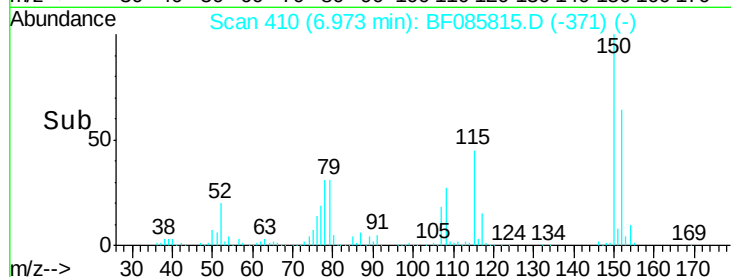
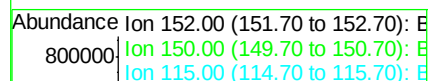
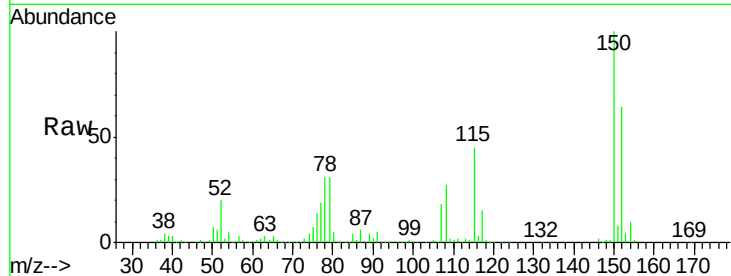
Tgt Ion:152 Resp: 393136

Ion Ratio Lower Upper

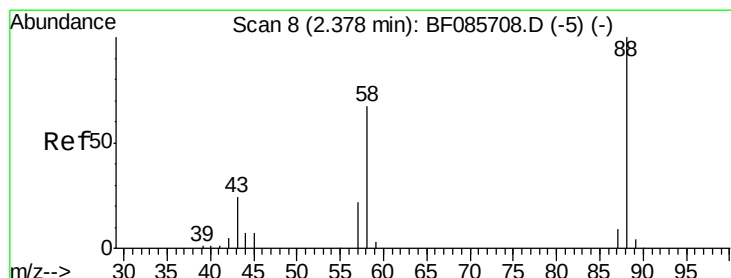
152 100

150 155.2 124.2 186.2

115 70.3 47.0 70.6



Time-->



#2

1,4-Dioxane

Concen: 11.62 ng

RT: 2.44 min Scan# 13

Delta R.T. 0.06 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

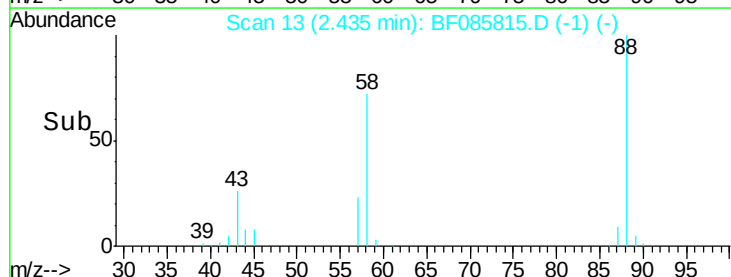
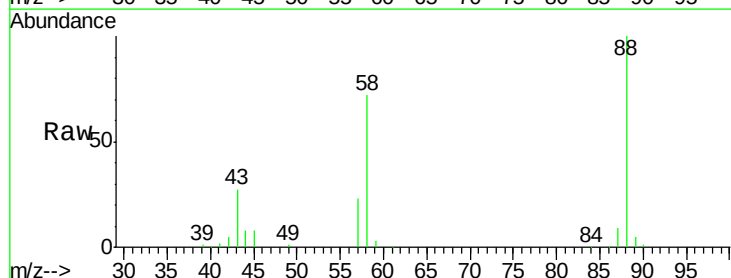
Tgt Ion: 88 Resp: 131028

Ion Ratio Lower Upper

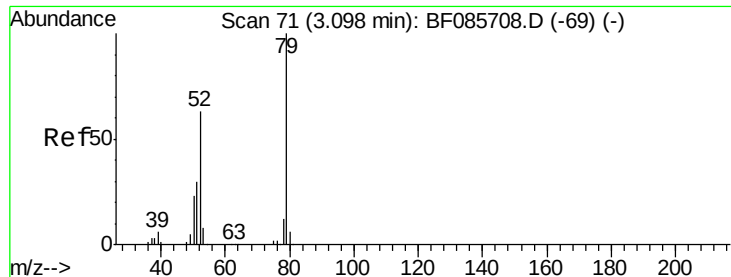
88 100

58 68.6 54.2 81.2

43 24.6 19.3 28.9



Time-->



#3

Pyridine

Concen: 12.71 ng

RT: 3.16 min Scan# 76

Delta R.T. 0.06 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

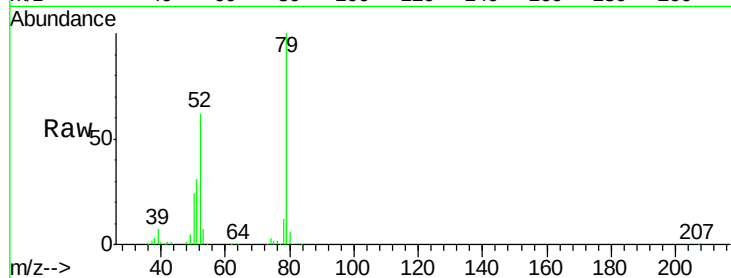
Tgt Ion: 79 Resp: 343444

Ion Ratio Lower Upper

79 100

52 62.3 49.8 74.6

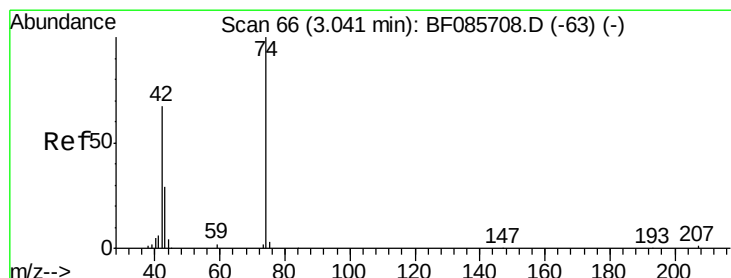
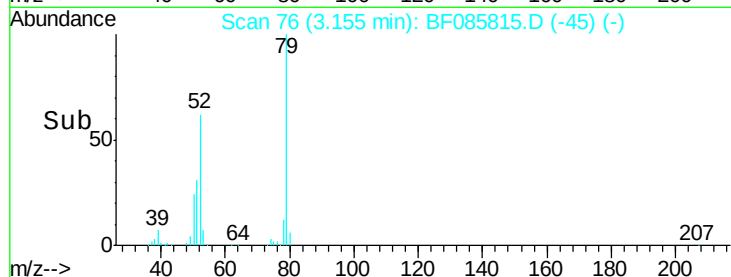
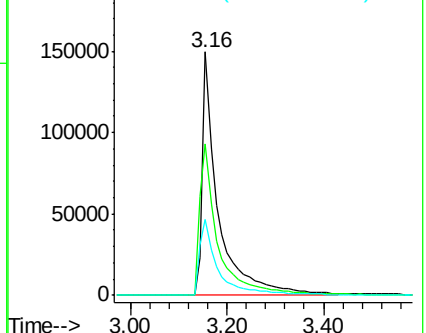
51 31.0 24.7 37.1



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: 15.56 ng

RT: 3.11 min Scan# 72

Delta R.T. 0.07 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

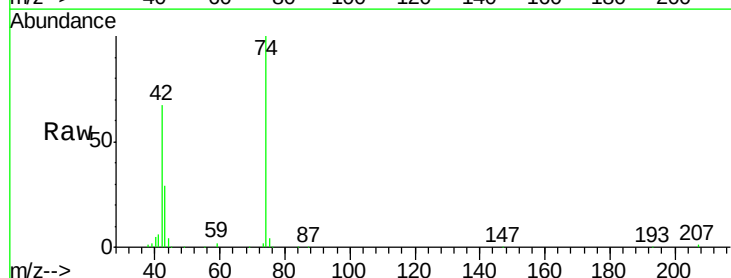
Tgt Ion: 42 Resp: 168286

Ion Ratio Lower Upper

42 100

74 148.9 121.4 182.2

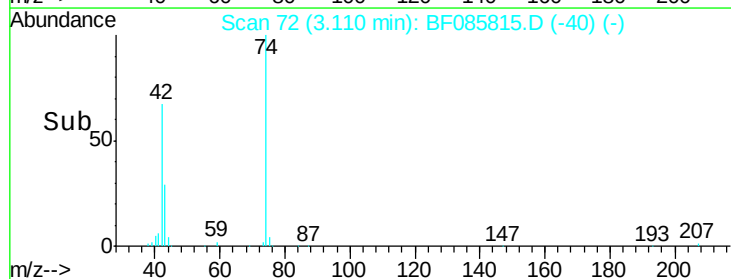
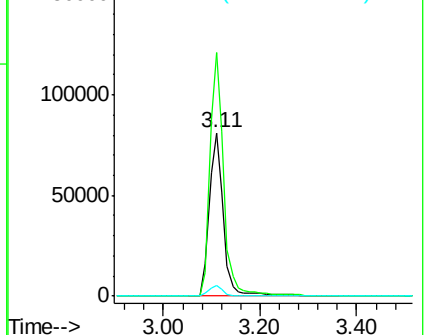
44 6.6 5.6 8.4

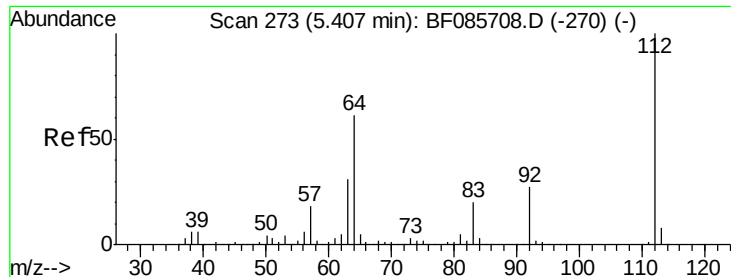


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

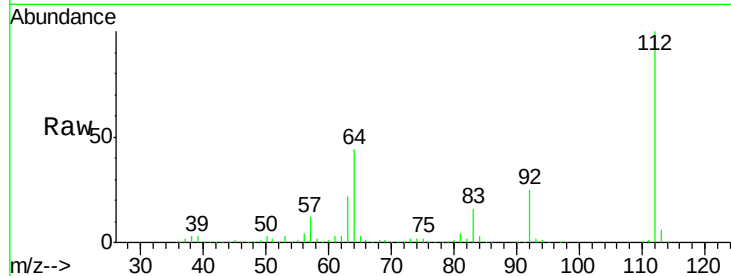




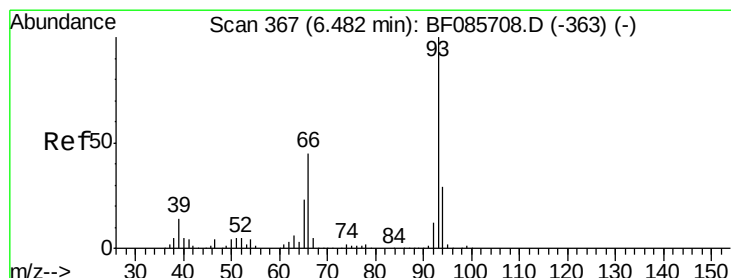
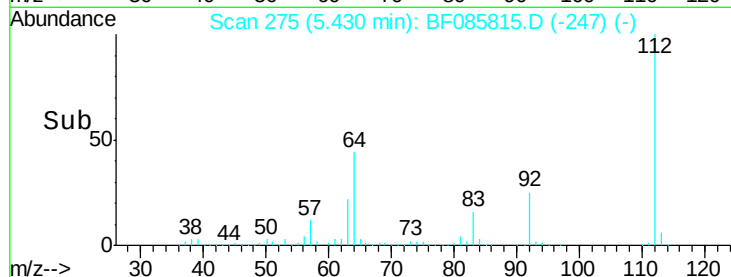
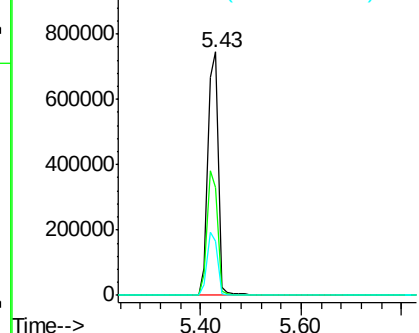
#5
 2-Fluorophenol
 Concen: 45.36 ng
 RT: 5.43 min Scan# 275
 Delta R.T. 0.02 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

Tgt Ion: 112 Resp: 1070736
 Ion Ratio Lower Upper
 112 100
 64 44.4 39.9 59.9
 63 22.3 20.2 30.2

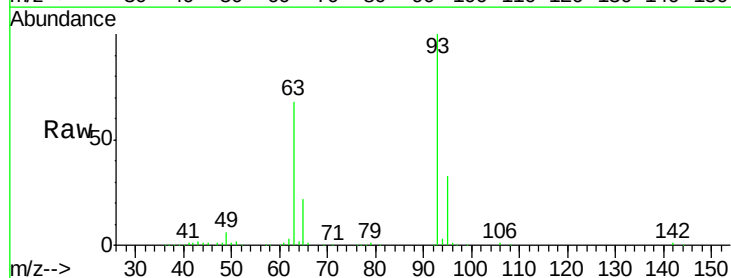


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

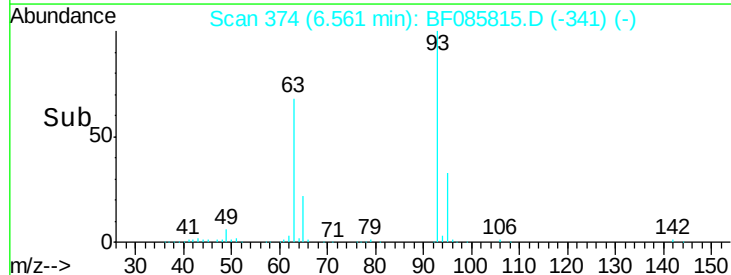
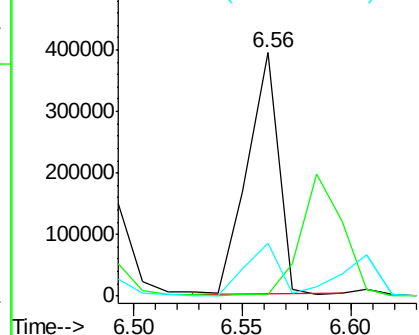


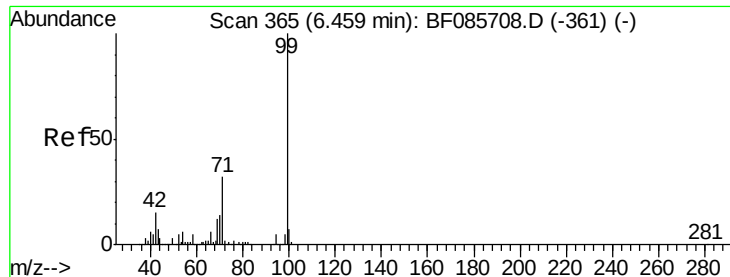
#6
 Aniline
 Concen: 9.57 ng
 RT: 6.56 min Scan# 374
 Delta R.T. 0.08 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion: 93 Resp: 386656
 Ion Ratio Lower Upper
 93 100
 66 0.7 31.4 47.2#
 65 22.0 15.7 23.5



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: 44.80 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

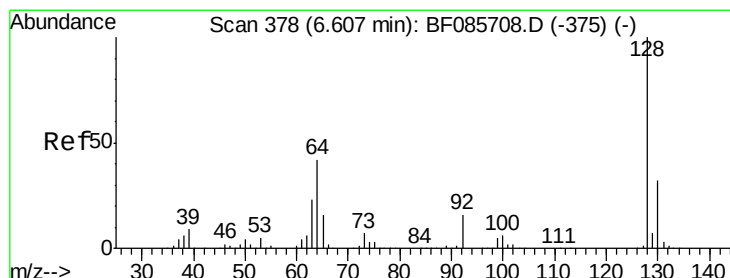
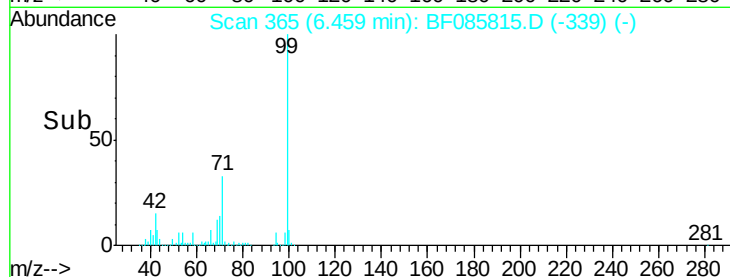
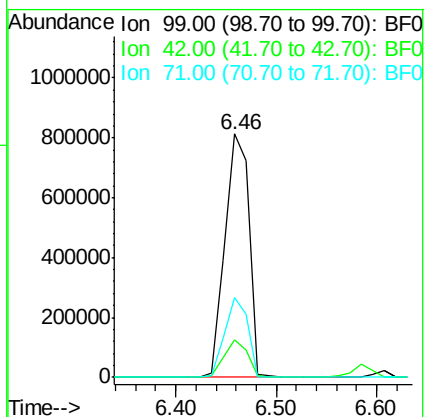
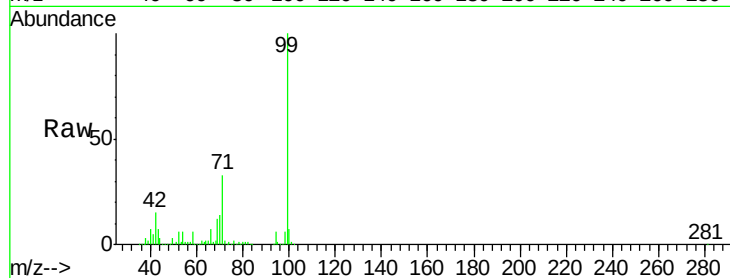
Tgt Ion: 99 Resp: 1344571

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

71 32.9 24.9 37.3



#8

2-Chlorophenol

Concen: 14.76 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

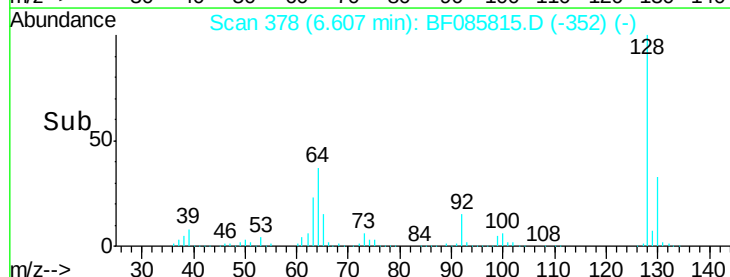
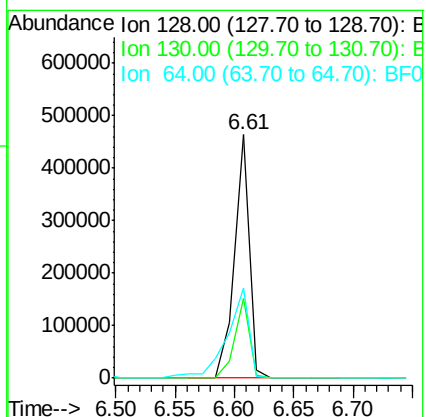
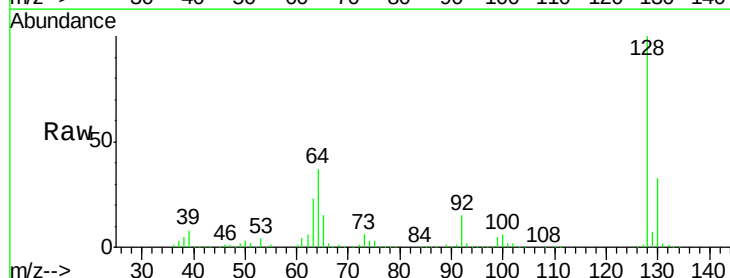
Tgt Ion: 128 Resp: 404782

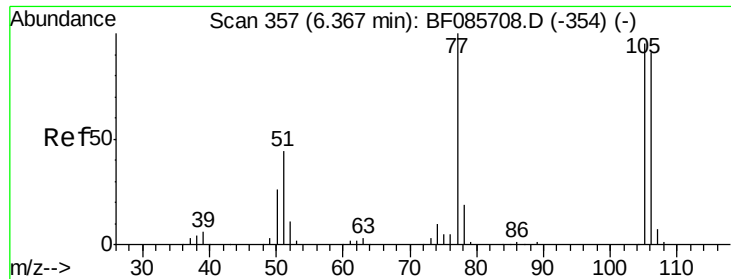
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 36.9 20.2 60.2





#9

Benzaldehyde

Concen: 2.82 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

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GW-04(16-18)MS

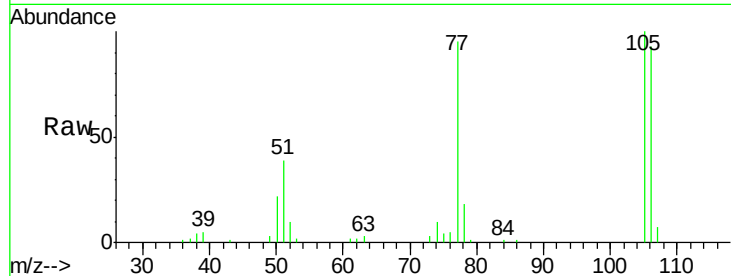
Tgt Ion: 77 Resp: 50959

Ion Ratio Lower Upper

77 100

105 105.8 80.1 120.1

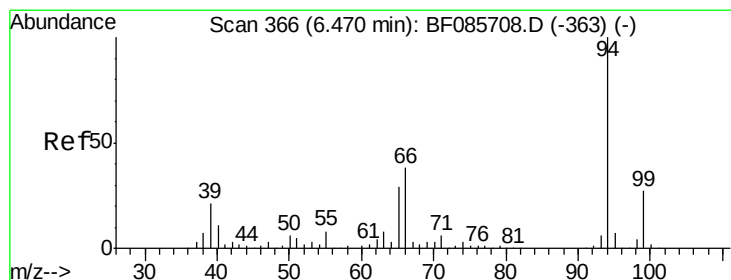
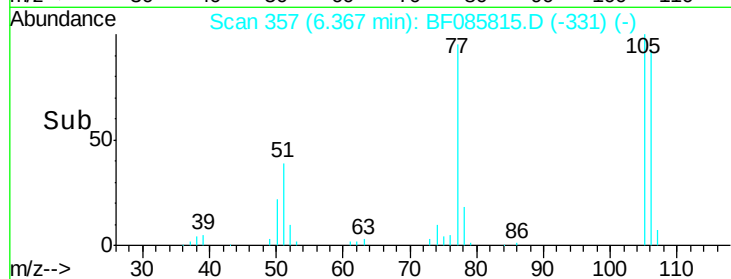
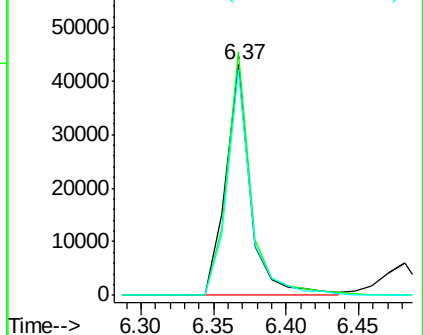
106 98.1 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.08 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

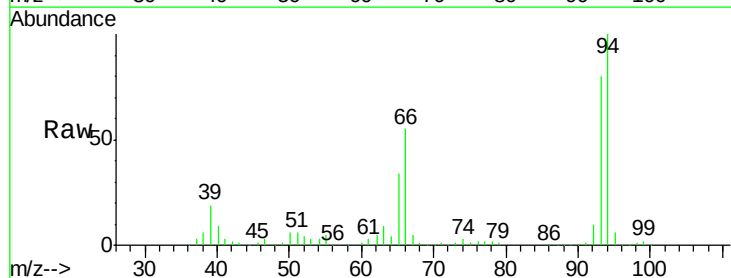
Tgt Ion: 94 Resp: 444792

Ion Ratio Lower Upper

94 100

65 34.4 8.6 48.6

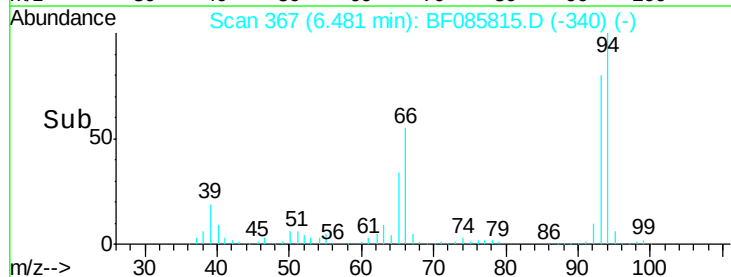
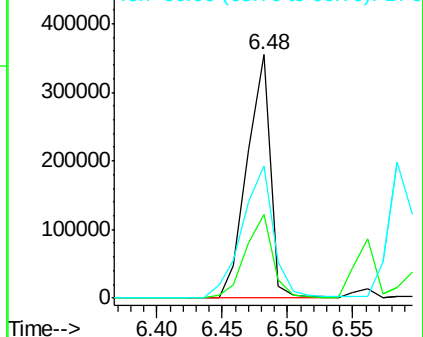
66 54.6 20.0 60.0

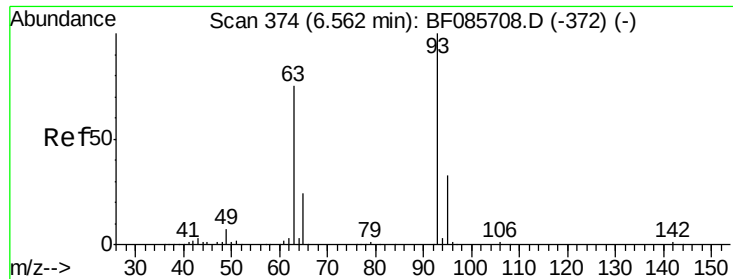


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

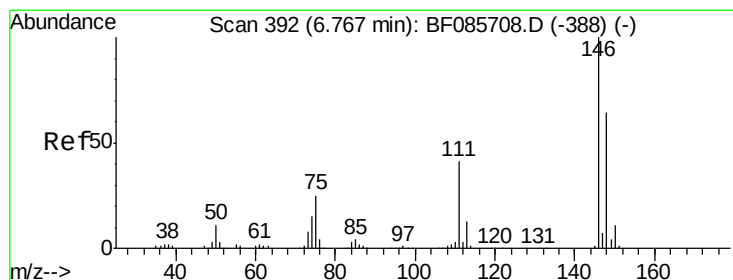
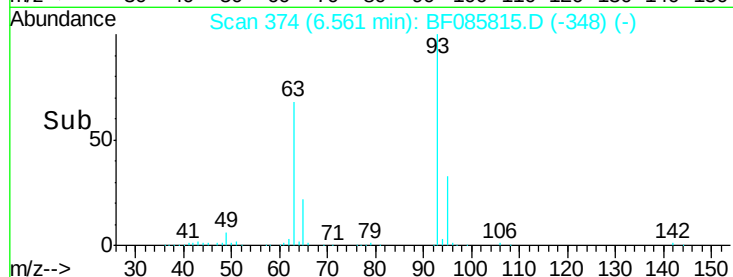
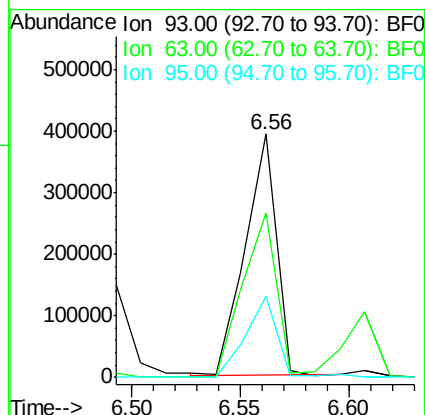
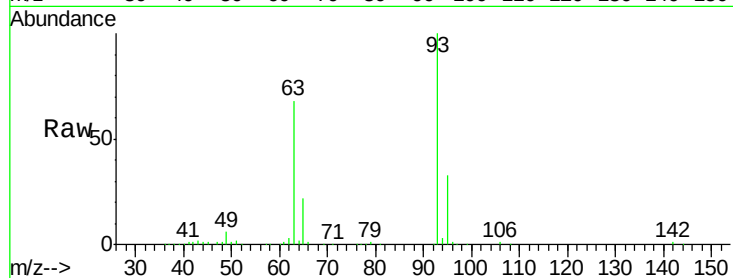




#11
 bis(2-Chloroethyl)ether
 Concen: 14.78 ng
 RT: 6.56 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

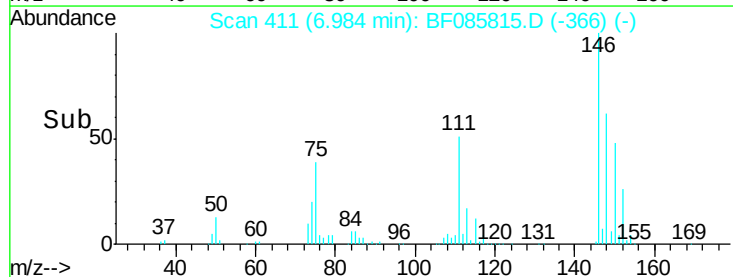
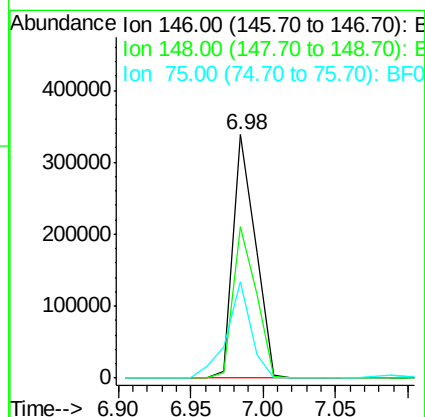
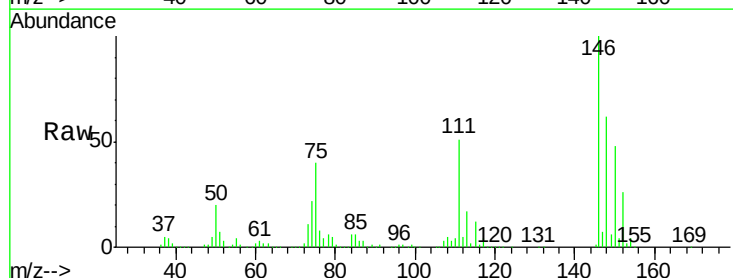
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

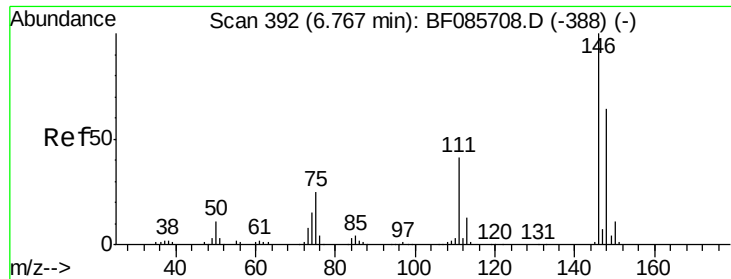
Tgt Ion:	93	Resp:	386656
Ion	Ratio	Lower	Upper
93	100		
63	67.6	50.9	90.9
95	33.2	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 12.24 ng
 RT: 6.98 min Scan# 411
 Delta R.T. 0.22 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:	146	Resp:	361557
Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.3	78.5
75	39.9	17.4	26.2

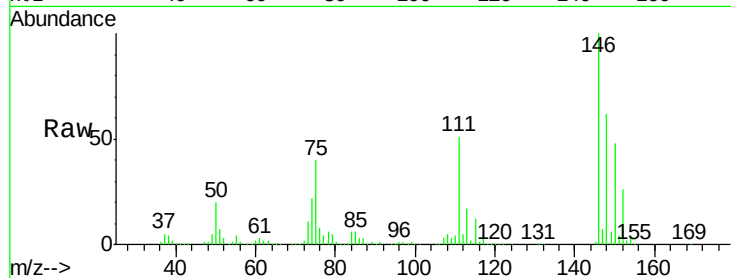




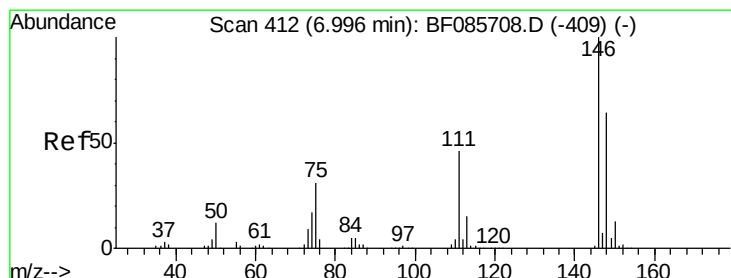
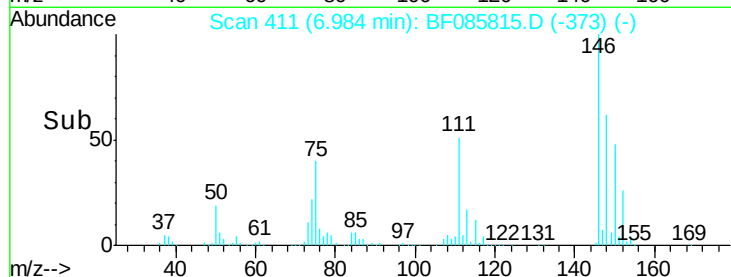
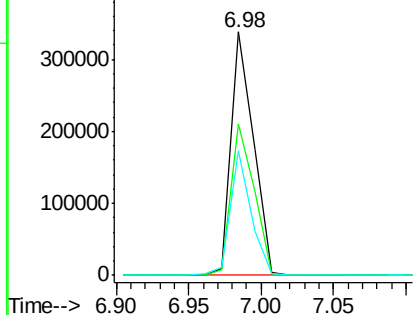
#13
 1,4-Dichlorobenzene
 Concen: 12.07 ng
 RT: 6.98 min Scan# 411
 Delta R.T. 0.14 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

Tgt Ion:146 Resp: 361557
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.6 76.0
 111 51.0 37.8 56.6

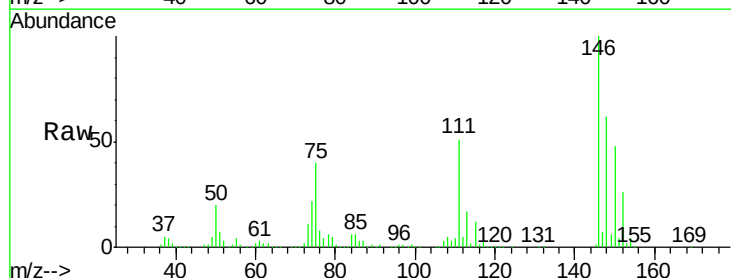


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

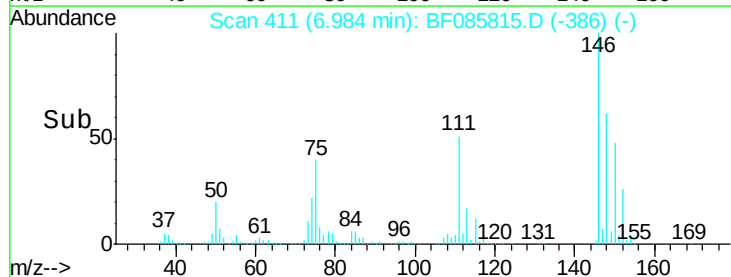
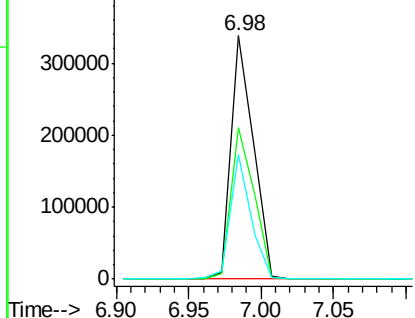


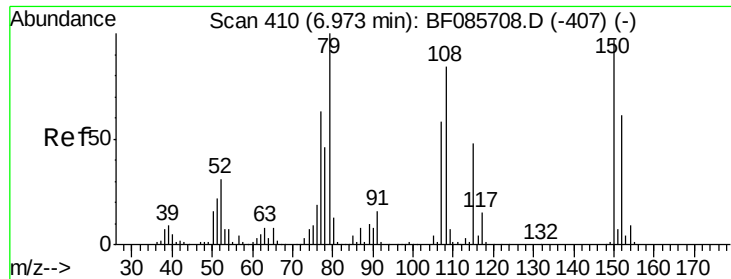
#14
 1,2-Dichlorobenzene
 Concen: 12.95 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:146 Resp: 361557
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.4 77.2
 111 51.0 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 14.86 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

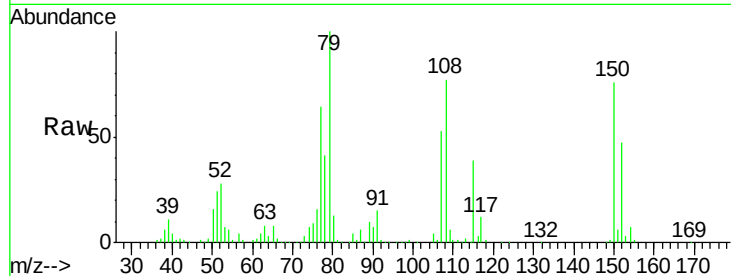
Tgt Ion: 79 Resp: 297646

Ion Ratio Lower Upper

79 100

108 77.1 61.8 92.6

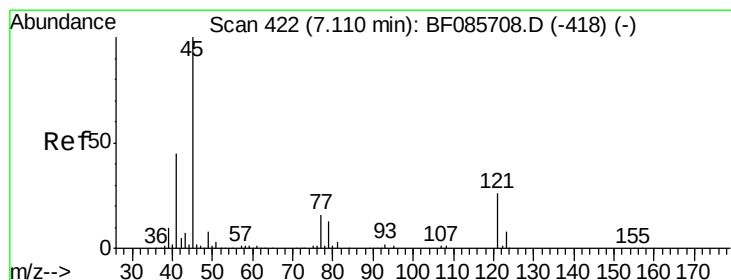
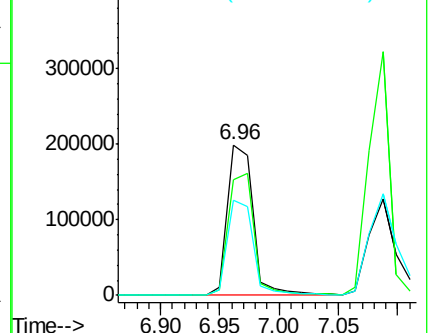
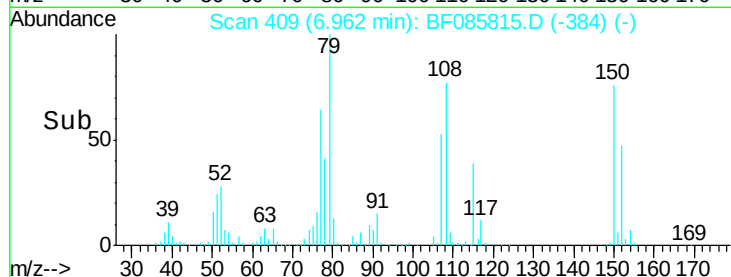
77 63.8 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.73 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

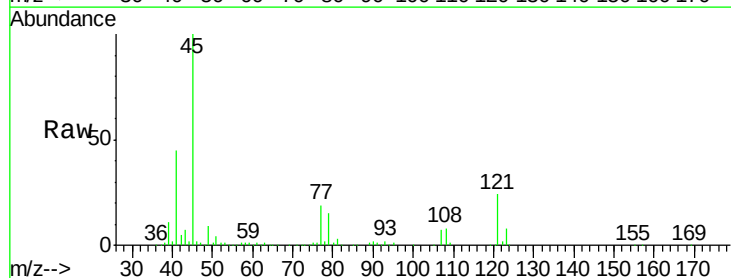
Tgt Ion: 45 Resp: 442040

Ion Ratio Lower Upper

45 100

77 18.6 0.0 35.7

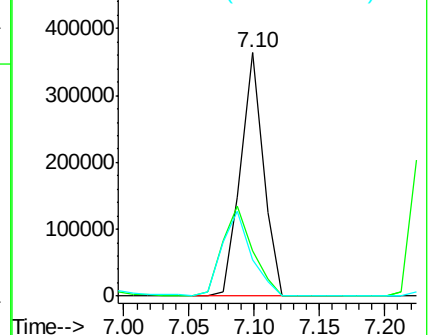
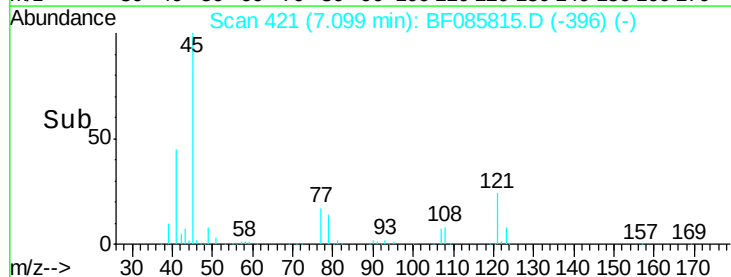
79 15.0 0.0 32.2

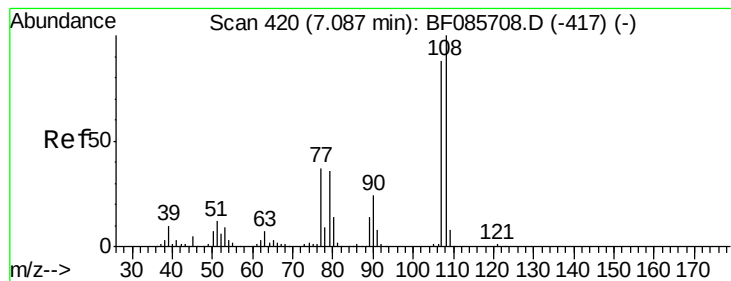


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 15.24 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

Tgt Ion: 107 Resp: 334591

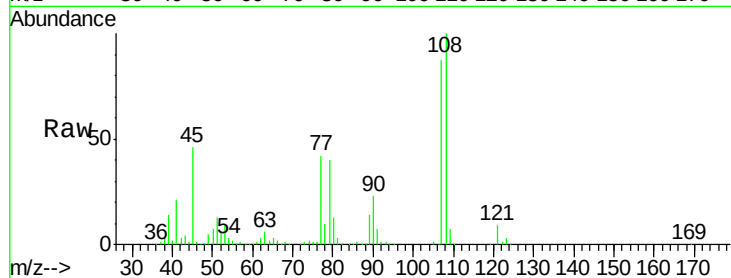
Ion Ratio Lower Upper

107 100

108 114.4 91.4 137.0

77 47.8 36.2 54.2

79 45.3 35.8 53.8

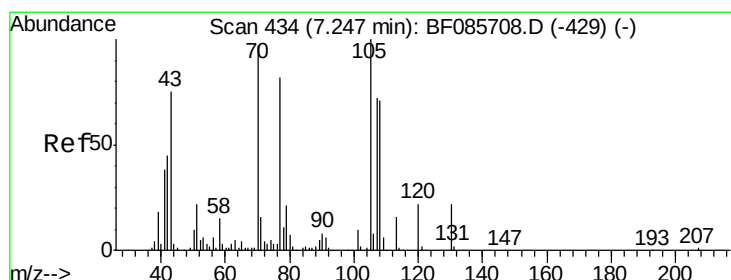
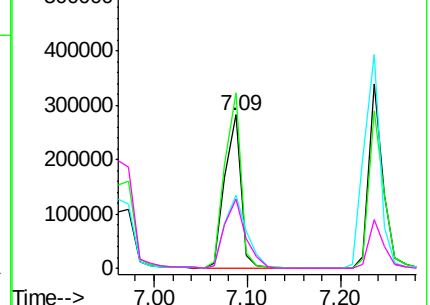
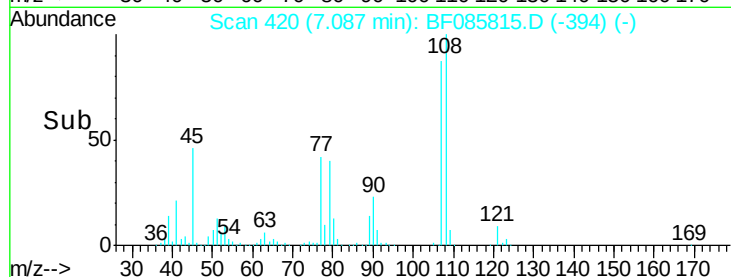


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 13.86 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion: 70 Resp: 248988

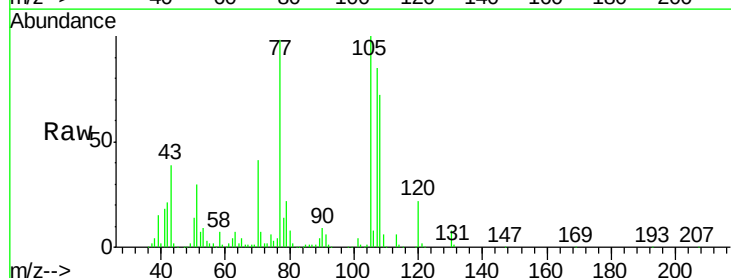
Ion Ratio Lower Upper

70 100

42 51.9 37.1 55.7

101 9.6 8.6 12.8

130 19.6 19.6 29.4

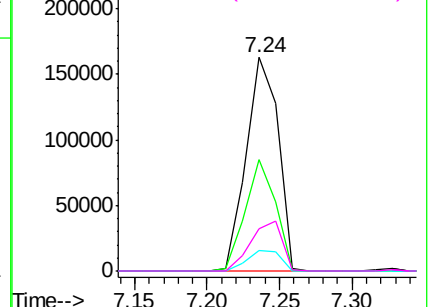
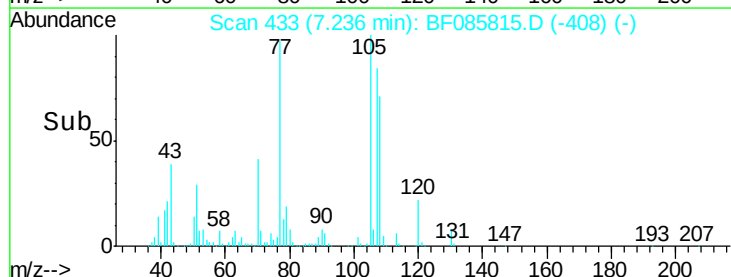


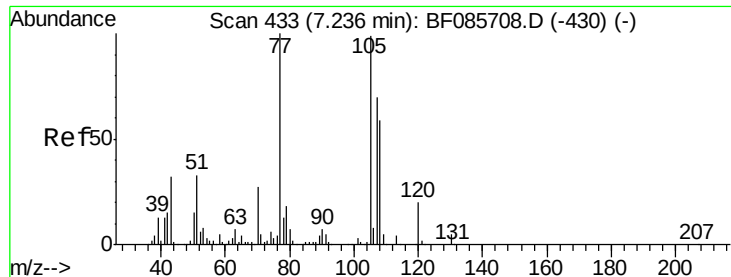
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 13.74 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

Tgt Ion:107 Resp: 362714

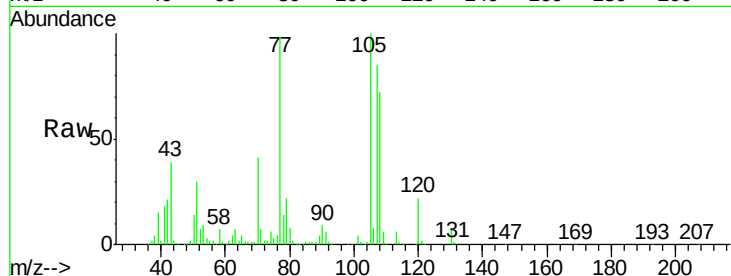
Ion Ratio Lower Upper

107 100

108 85.2 69.3 109.3

77 115.7 101.7 141.7

79 26.2 8.3 48.3

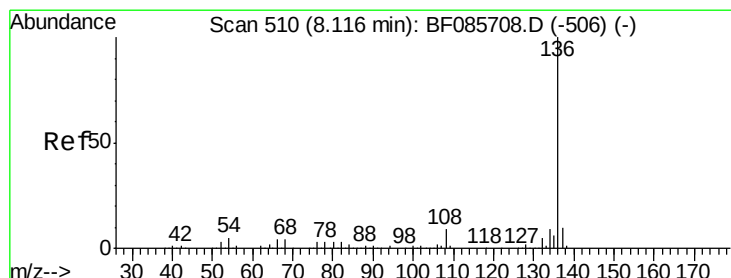
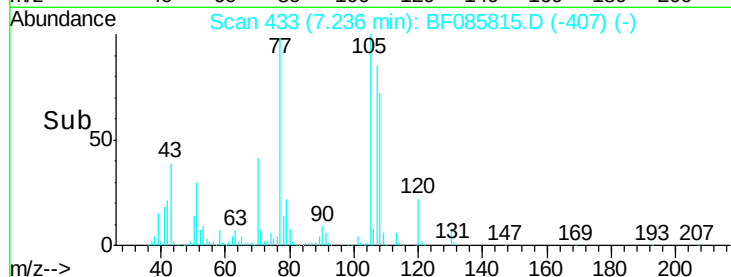
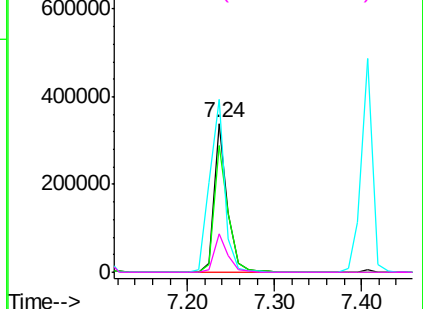


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:136 Resp: 439016

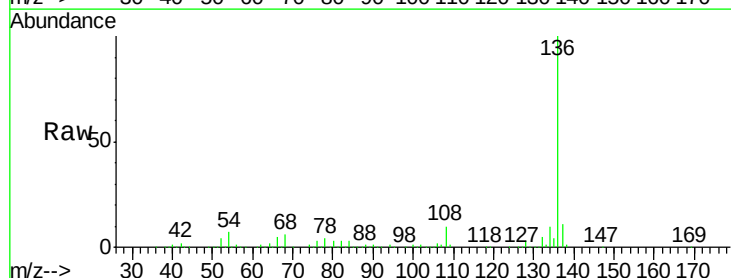
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.6 7.4 11.0#

68 5.5 5.8 8.8#

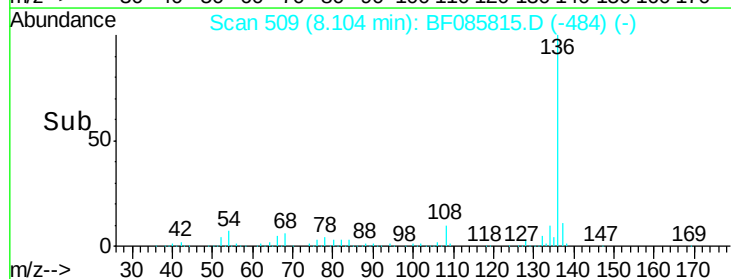
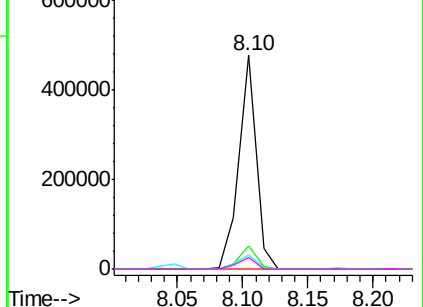


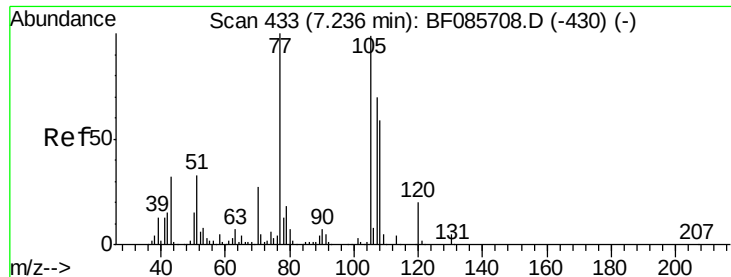
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 48.60 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

Tgt Ion:105 Resp: 497083

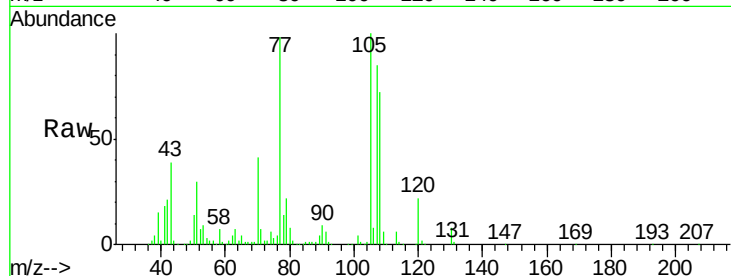
Ion Ratio Lower Upper

105 100

71 6.8 3.6 5.4#

51 29.8 25.4 38.0

120 21.9 16.9 25.3



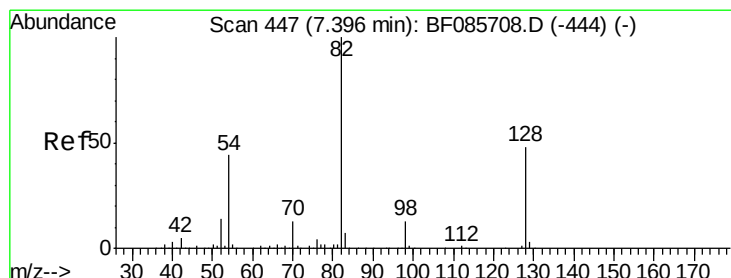
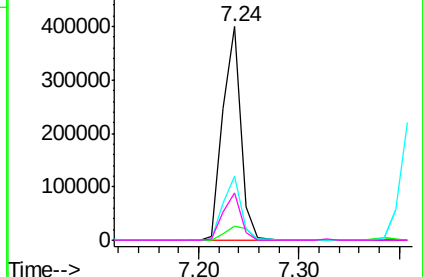
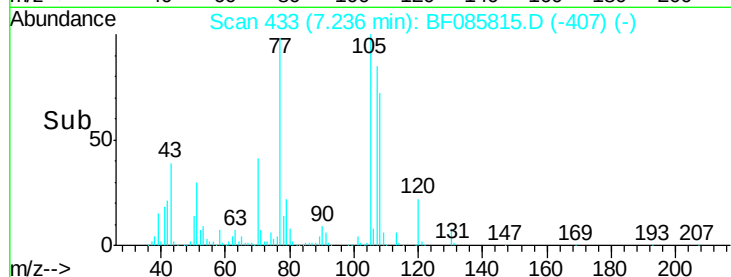
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 100.54 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

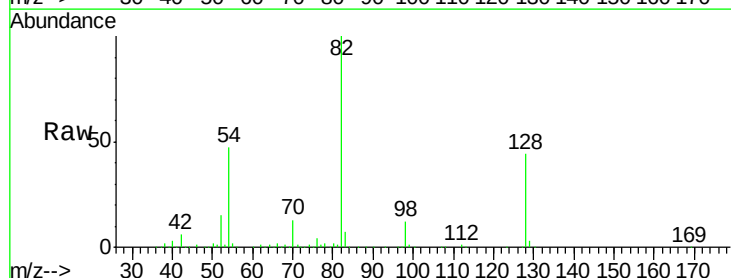
Tgt Ion: 82 Resp: 783788

Ion Ratio Lower Upper

82 100

128 43.5 41.8 62.8

54 46.9 33.4 50.0

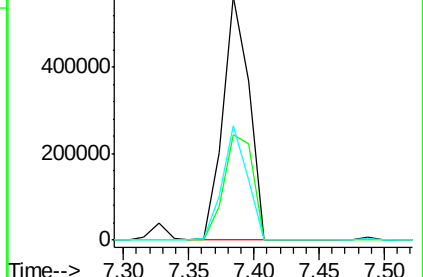
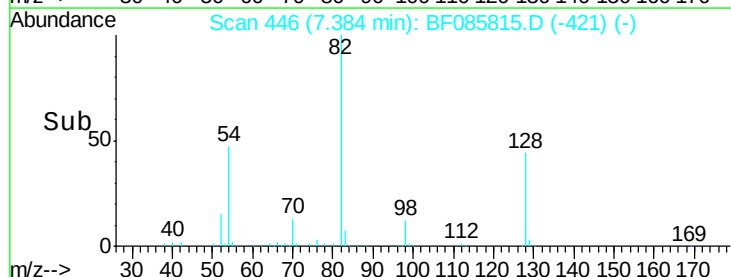


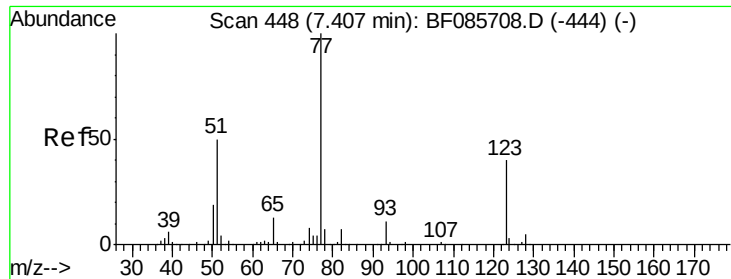
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 53.37 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

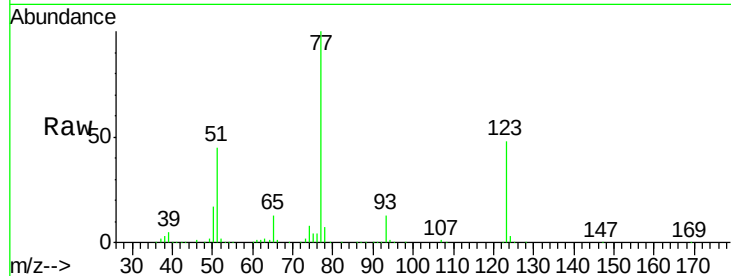
Tgt Ion: 77 Resp: 428910

Ion Ratio Lower Upper

77 100

123 47.6 35.0 52.4

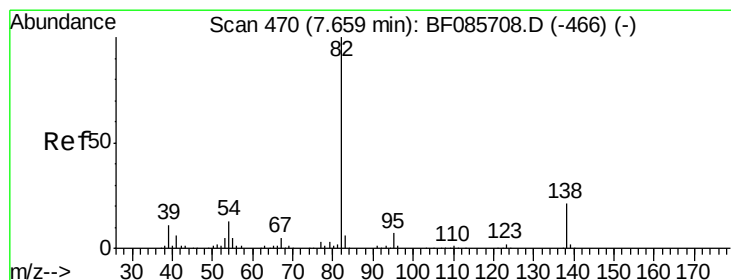
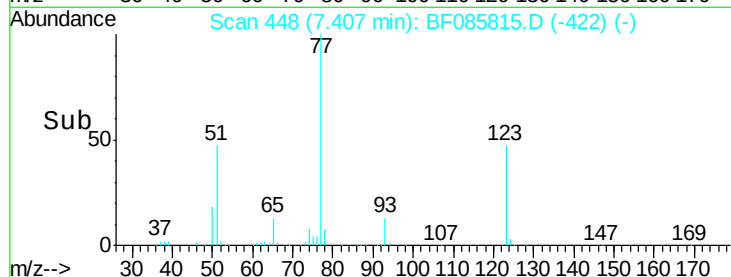
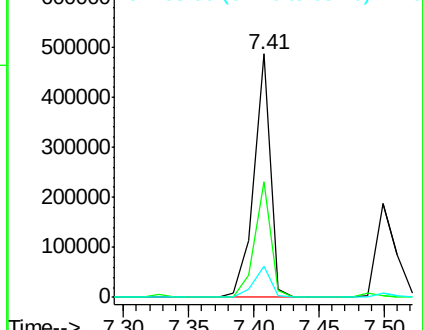
65 12.8 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 51.39 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

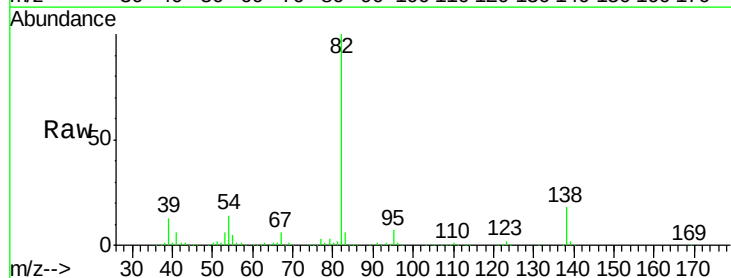
Tgt Ion: 82 Resp: 771820

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

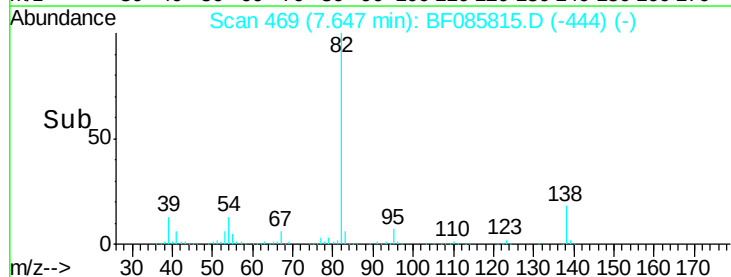
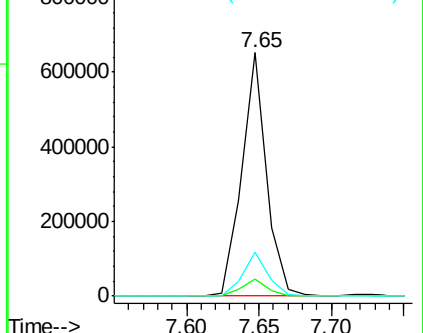
138 18.0 12.9 19.3

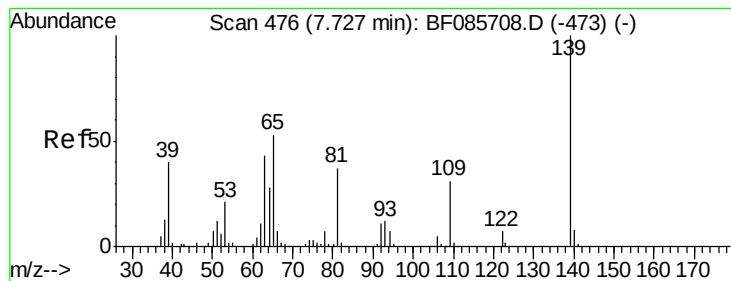


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 56.26 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

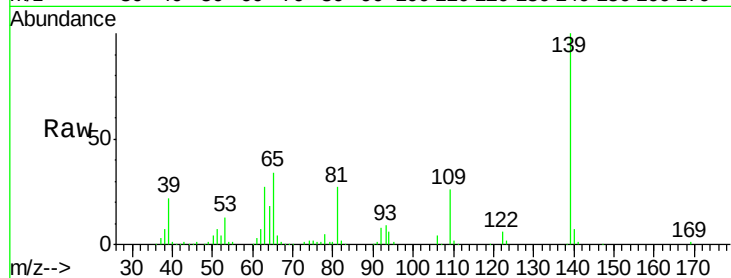
Tgt Ion:139 Resp: 226193

Ion Ratio Lower Upper

139 100

109 25.8 22.1 33.1

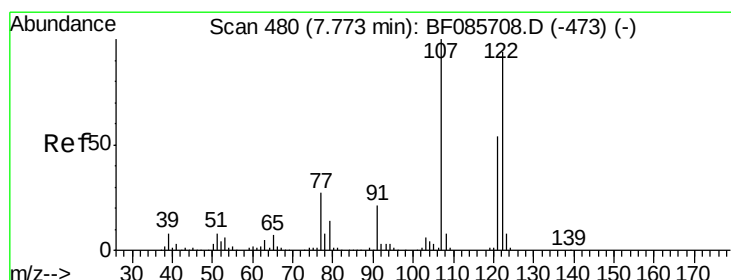
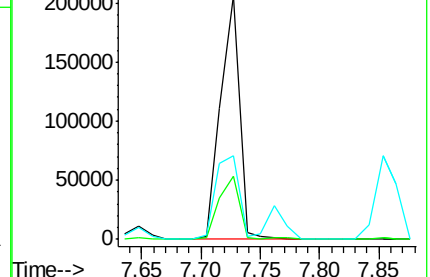
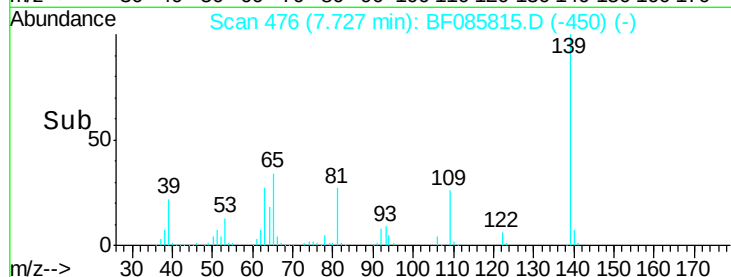
65 34.3 33.9 50.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 50.45 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

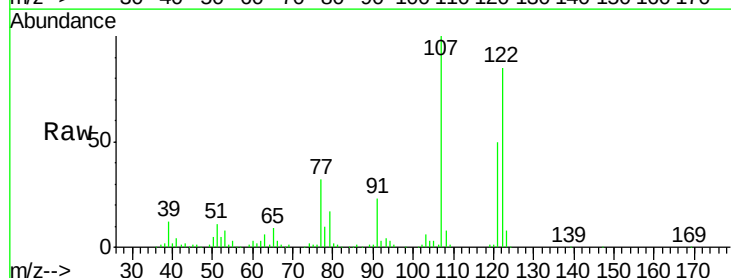
Tgt Ion:122 Resp: 354525

Ion Ratio Lower Upper

122 100

107 117.9 93.0 139.6

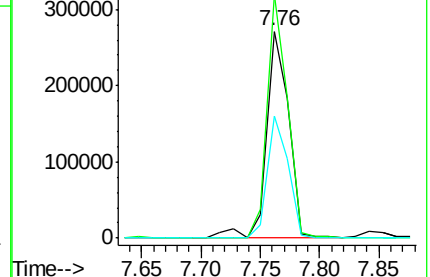
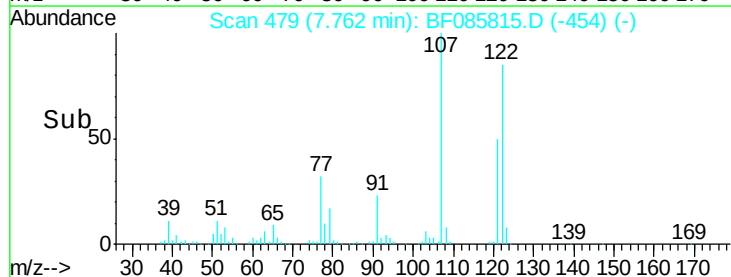
121 59.4 45.9 68.9

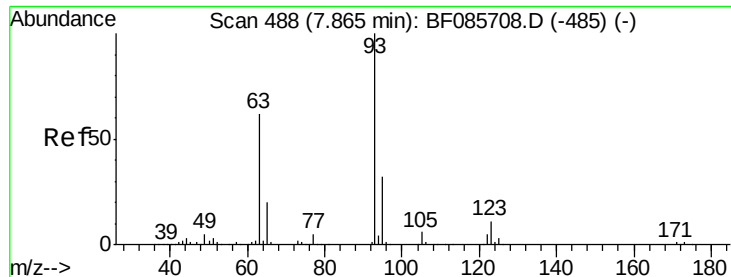


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

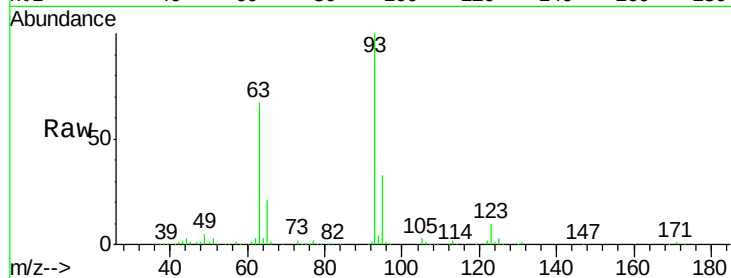




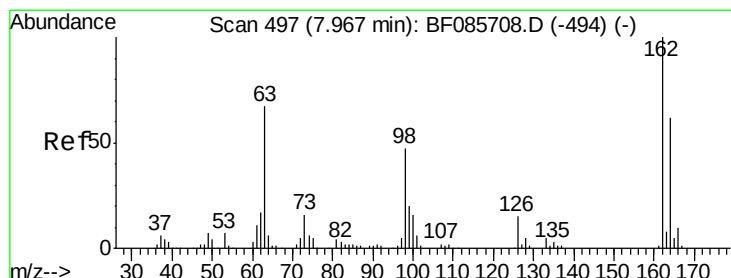
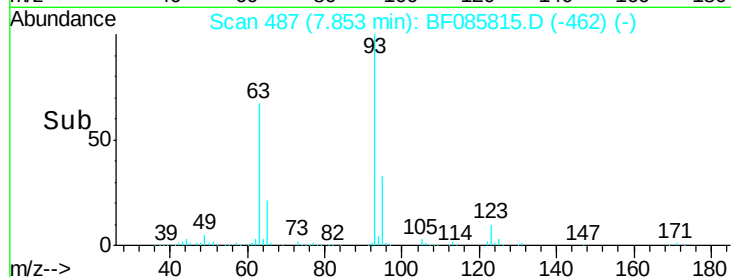
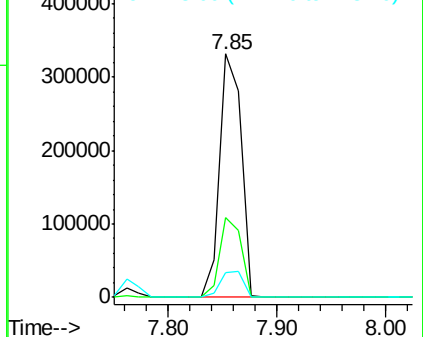
#28
bis(2-Chloroethoxy)methane
Concen: 53.76 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS

Tgt Ion: 93 Resp: 460046
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 10.3 9.8 14.6

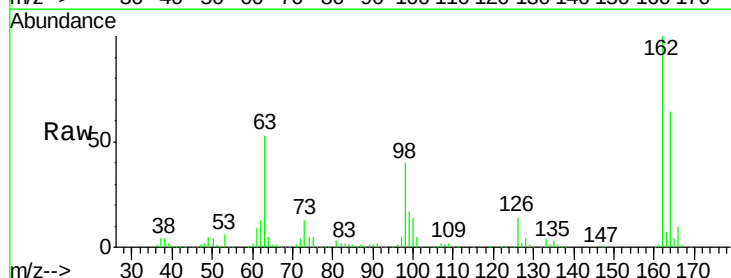


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0

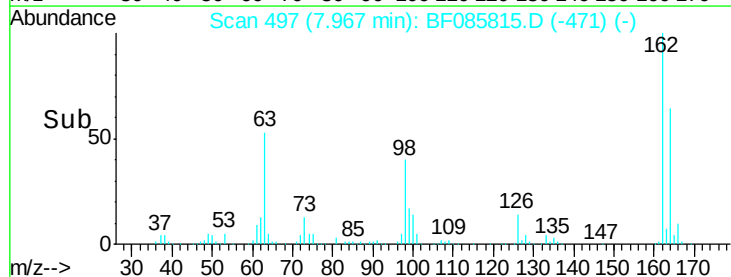
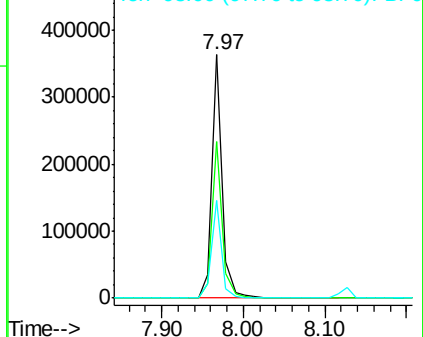


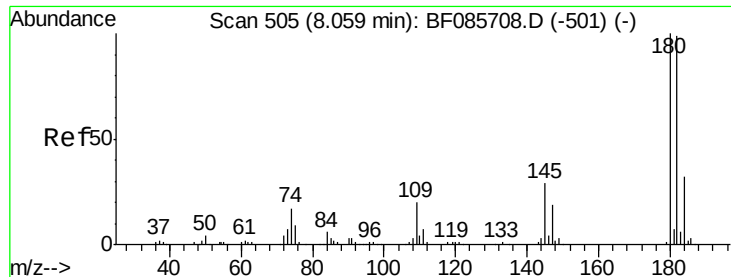
#29
2,4-Dichlorophenol
Concen: 54.65 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion: 162 Resp: 322863
Ion Ratio Lower Upper
162 100
164 64.3 43.7 83.7
98 40.3 20.4 60.4



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

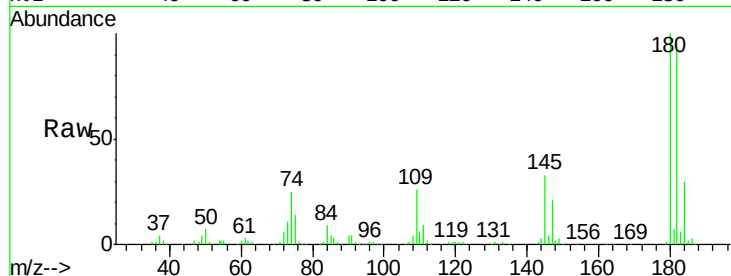




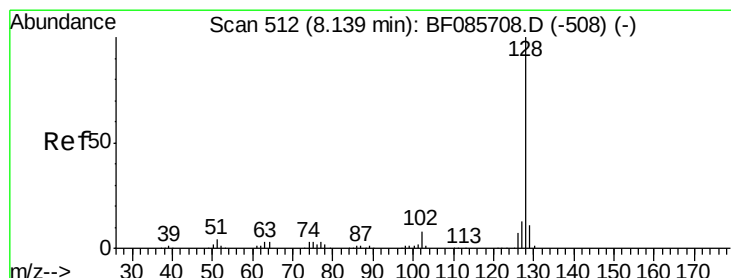
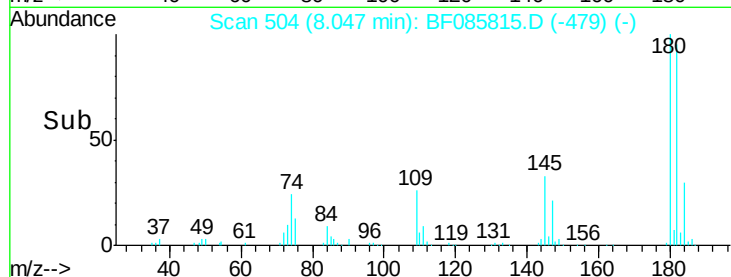
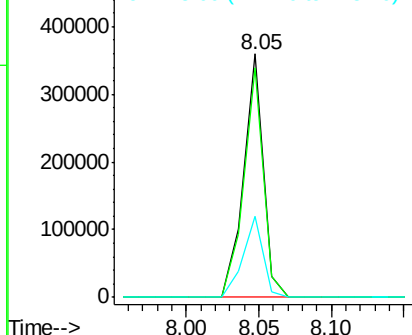
#30
1,2,4-Trichlorobenzene
Concen: 51.61 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS

Tgt Ion:180 Resp: 338516
Ion Ratio Lower Upper
180 100
182 94.5 73.8 110.8
145 33.5 28.4 42.6

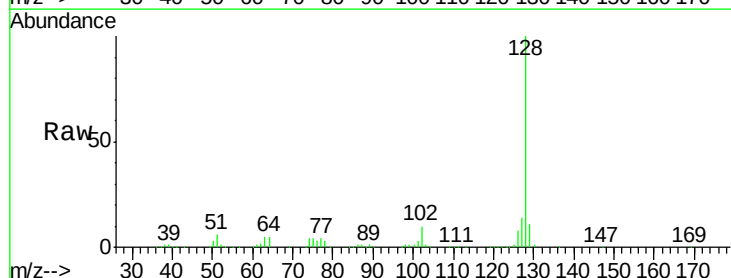


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

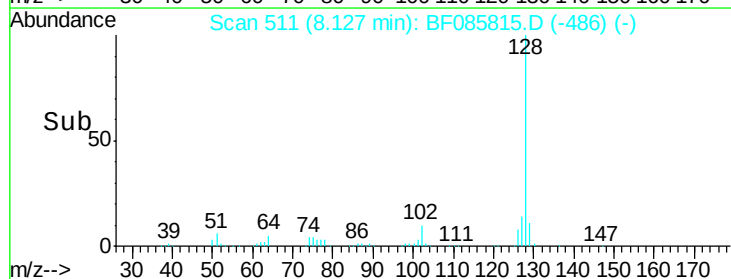
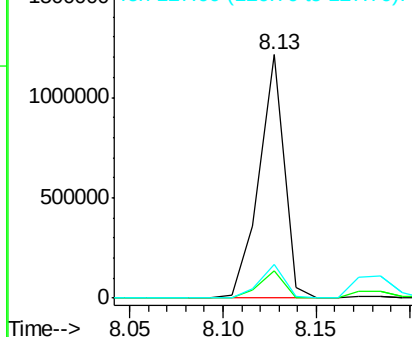


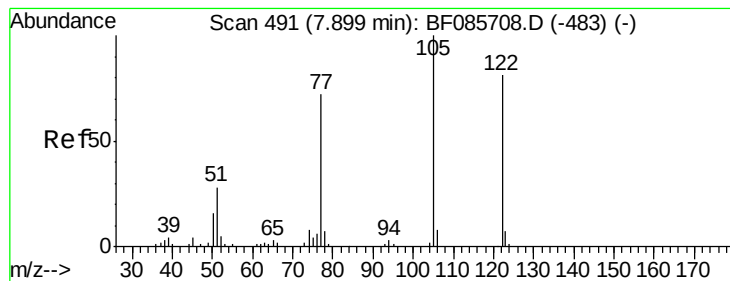
#31
Naphthalene
Concen: 50.91 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion:128 Resp: 1126092
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.7 11.0 16.6



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: 4.35 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.06 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

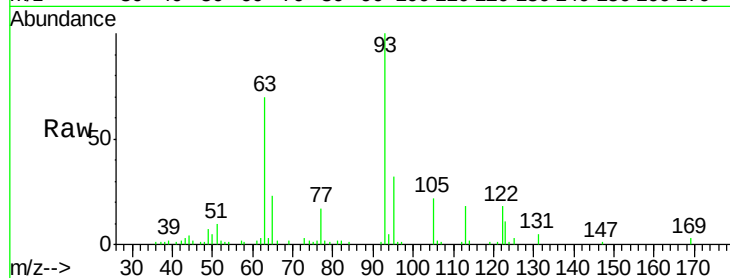
Tgt Ion:122 Resp: 20315

Ion Ratio Lower Upper

122 100

105 123.7 102.9 142.9

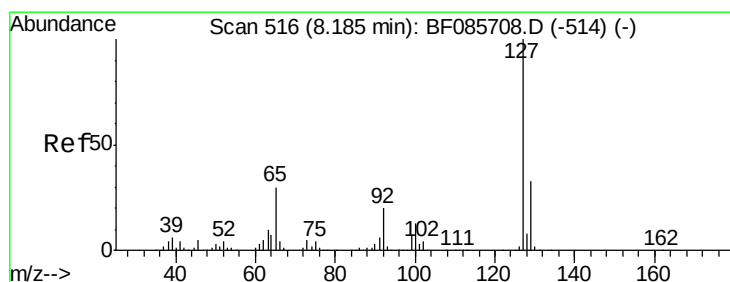
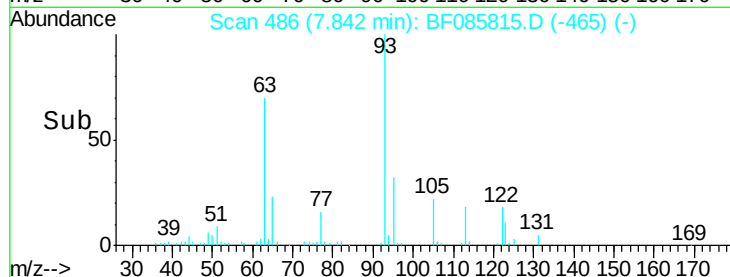
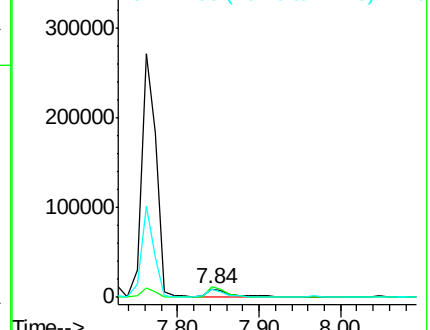
77 98.3 71.8 111.8



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: 20.32 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:127 Resp: 183543

Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 23.0 19.5 29.3

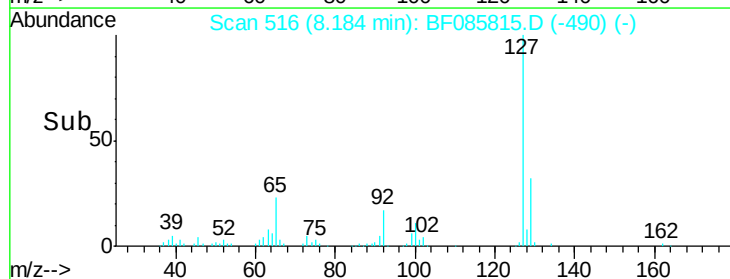
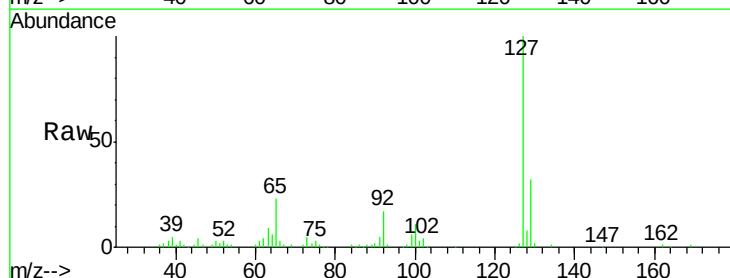
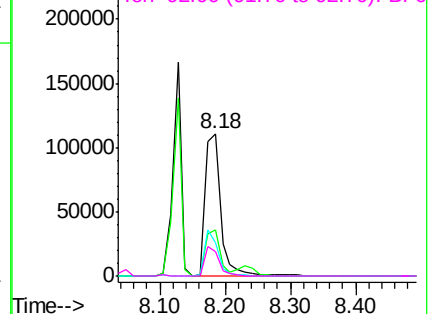
92 16.9 14.6 22.0

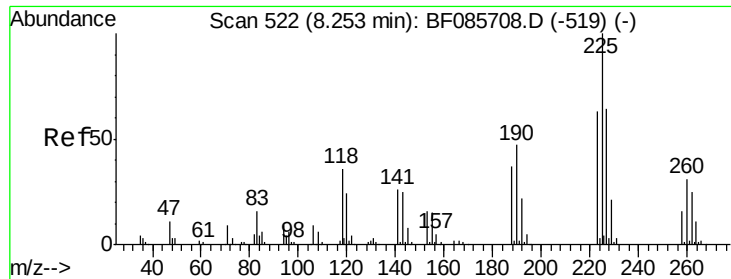
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

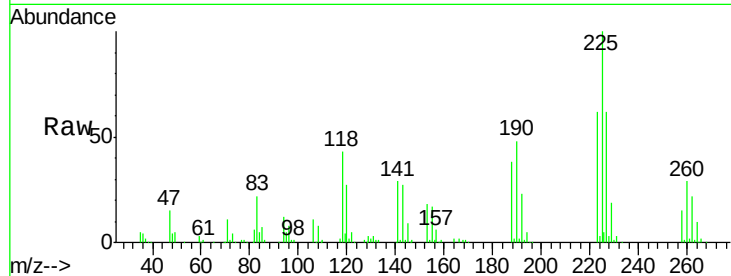




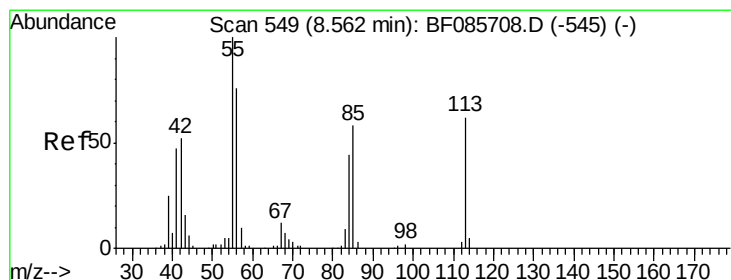
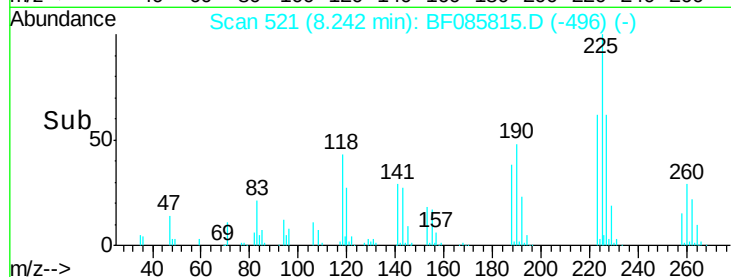
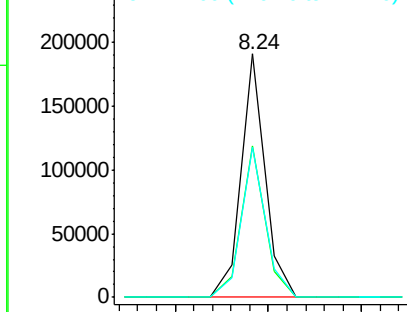
#34
Hexachlorobutadiene
Concen: 48.17 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS

Tgt Ion: 225 Resp: 171726
Ion Ratio Lower Upper
225 100
223 62.0 50.4 75.6
227 61.6 51.4 77.2

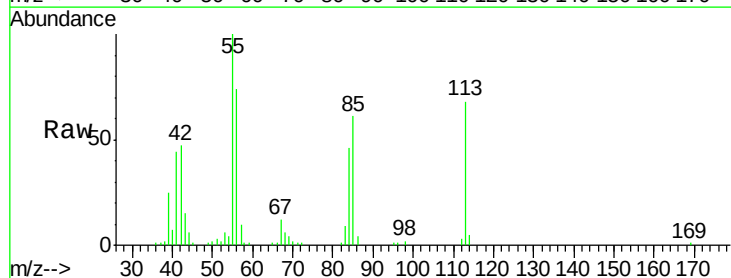


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

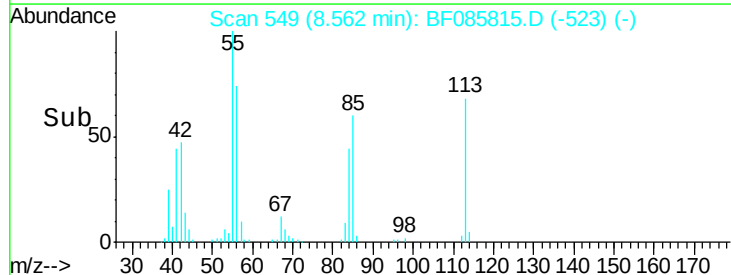
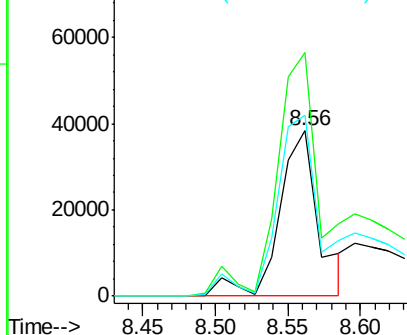


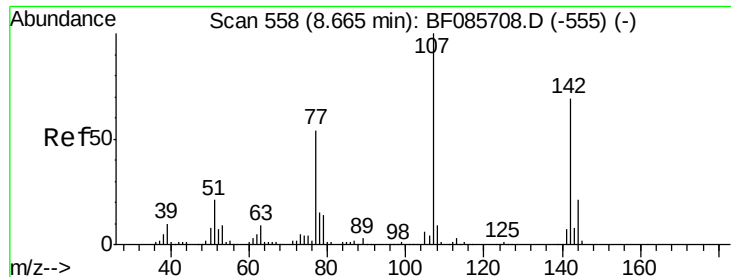
#35
Caprolactam
Concen: 34.28 ng
RT: 8.56 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion: 113 Resp: 71739
Ion Ratio Lower Upper
113 100
55 147.2 139.4 179.4
56 109.5 100.4 140.4



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

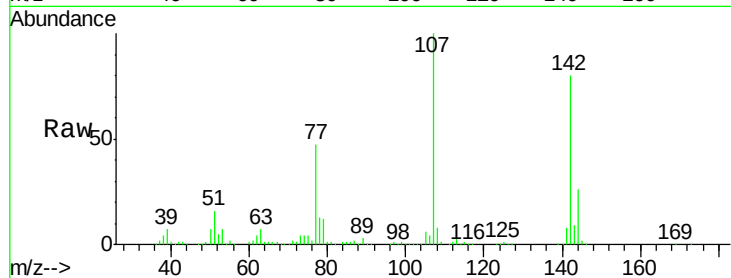




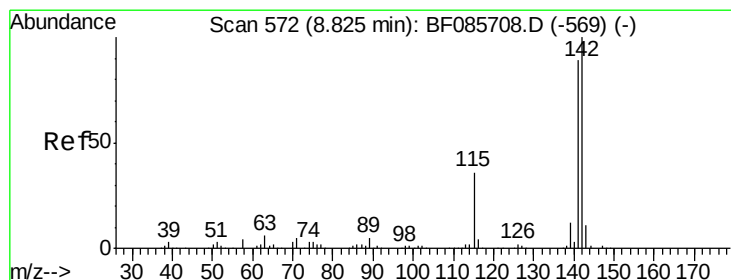
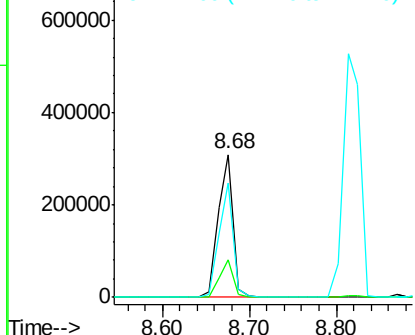
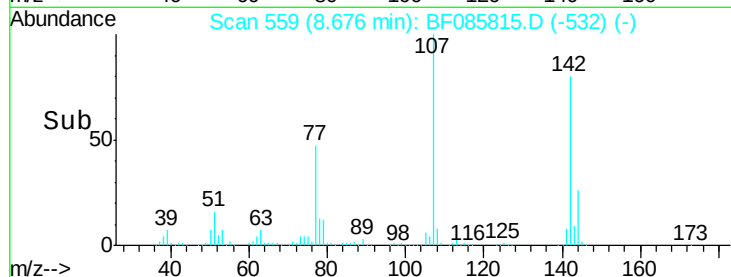
#36
 4-Chloro-3-methylphenol
 Concen: 54.13 ng
 RT: 8.68 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

Tgt Ion:107 Resp: 373522
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.3 28.9
 142 80.5 61.4 92.0

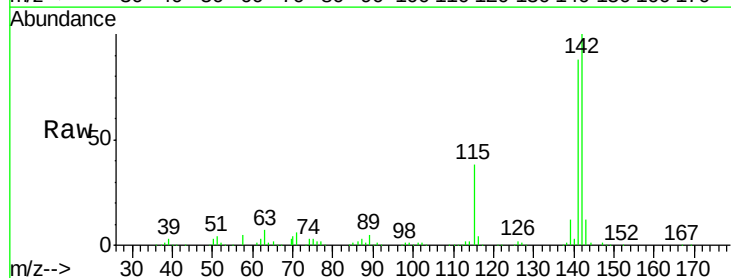


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

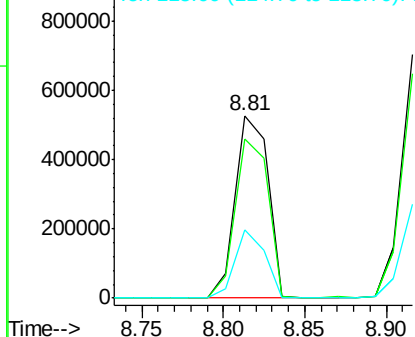
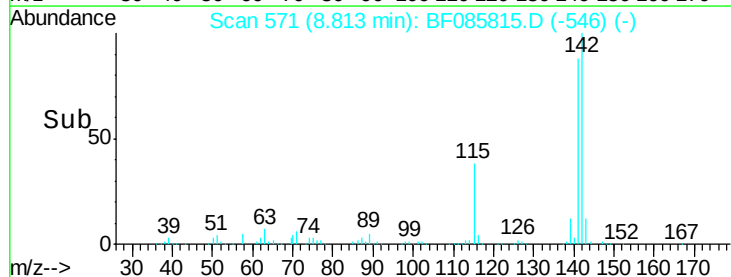


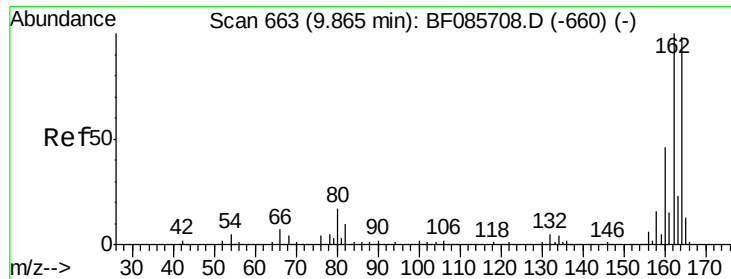
#37
 2-Methylnaphthalene
 Concen: 62.42 ng
 RT: 8.81 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:142 Resp: 732170
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.6 107.4
 115 37.6 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

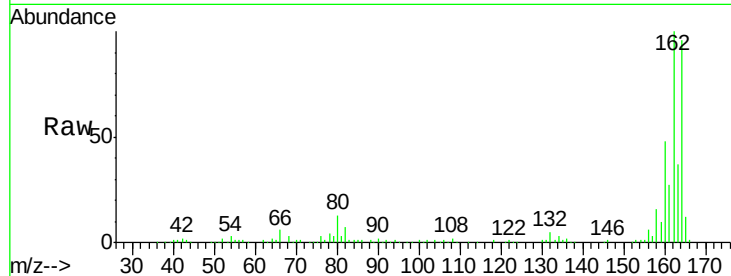
Tgt Ion:164 Resp: 191631

Ion Ratio Lower Upper

164 100

162 104.1 82.1 123.1

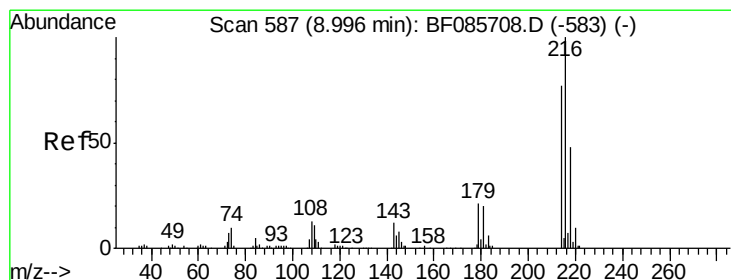
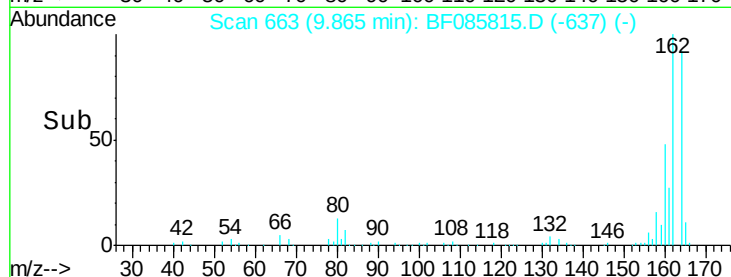
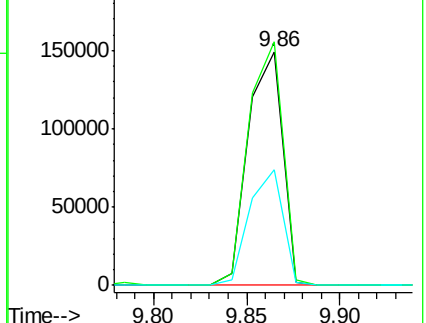
160 49.7 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.80 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:216 Resp: 283010

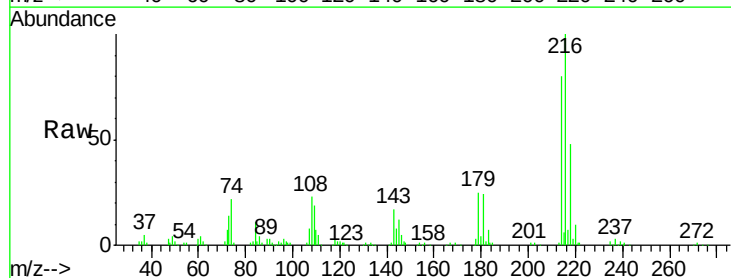
Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 23.7 18.2 27.2

108 24.1 17.3 25.9

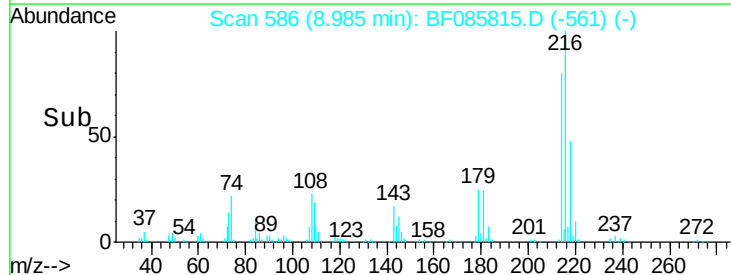
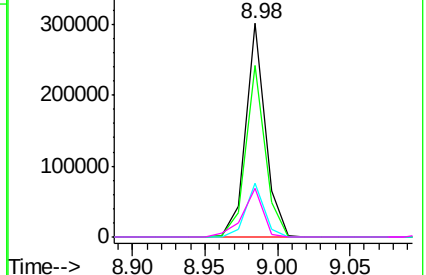


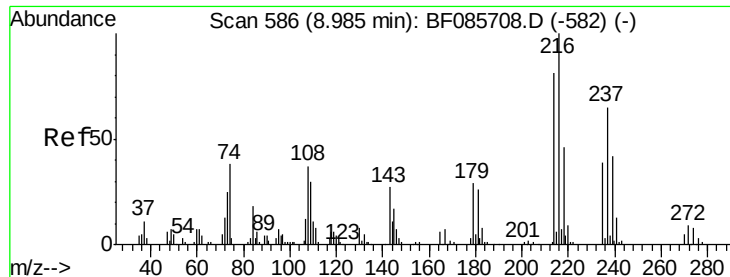
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.85 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

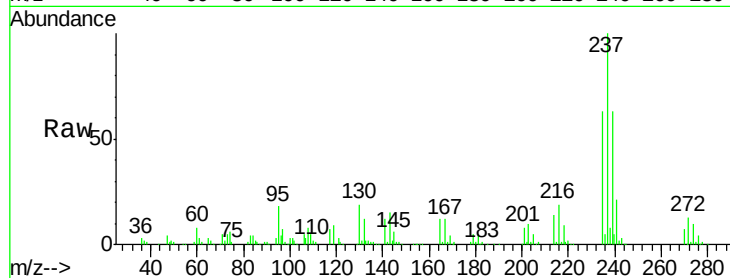
Tgt Ion:237 Resp: 210485

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

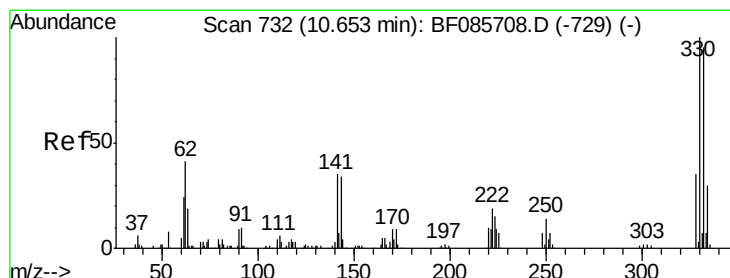
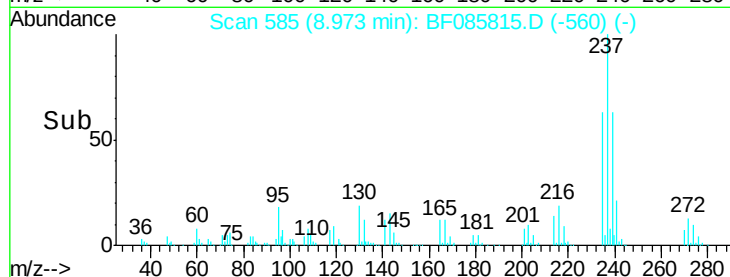
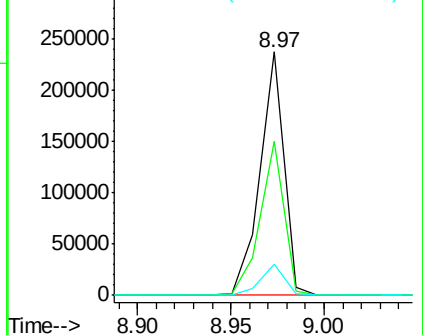
272 13.0 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 172.21 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

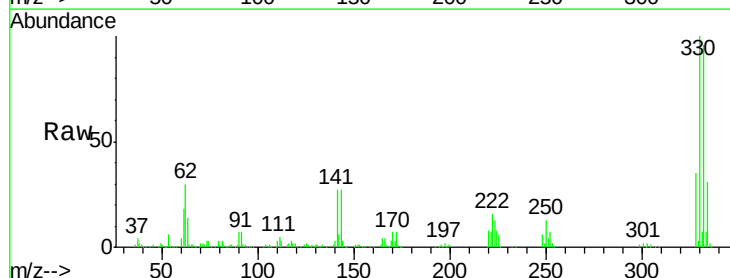
Tgt Ion:330 Resp: 313553

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.2

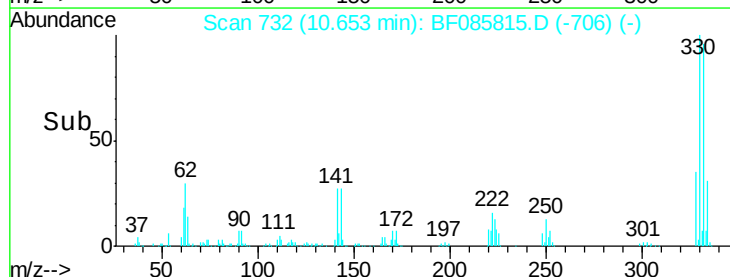
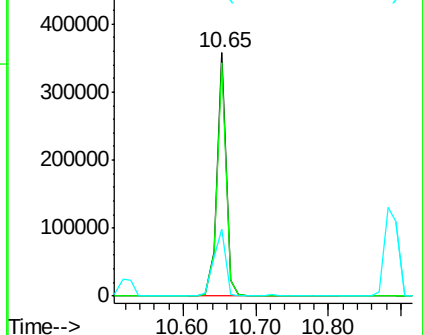
141 36.0 31.5 47.3

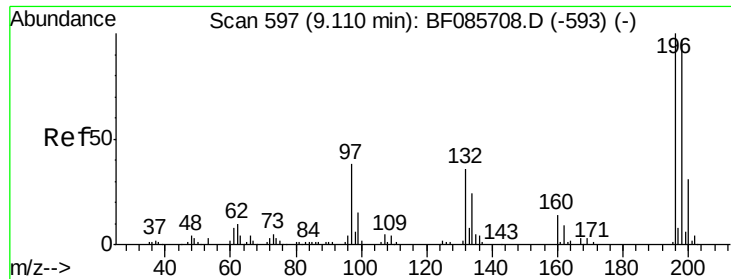


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

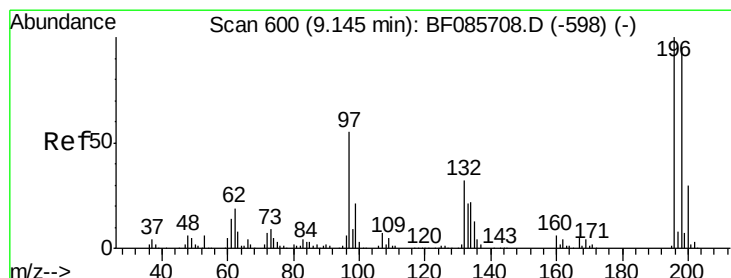
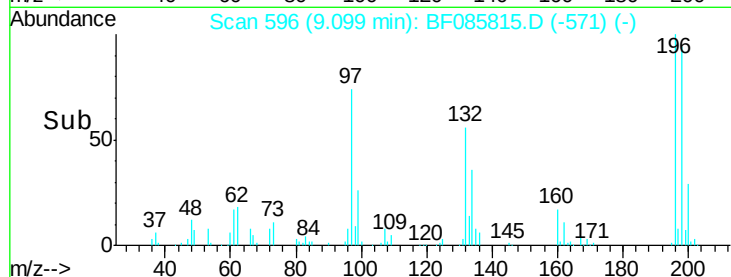
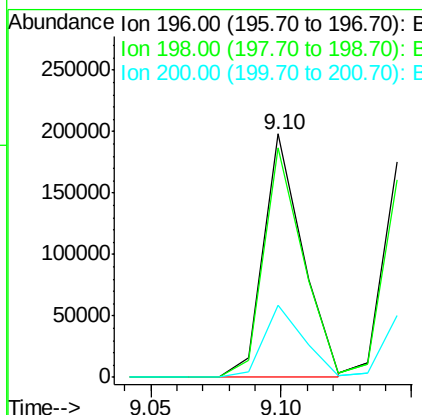
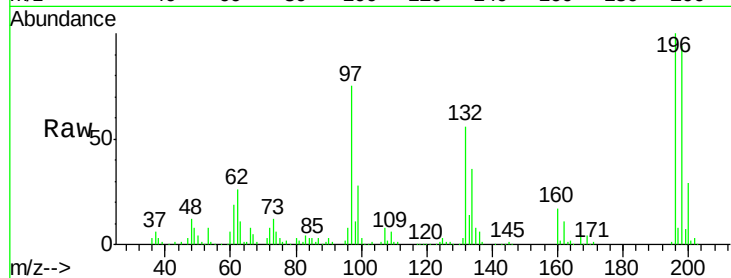




#42
 2,4,6-Trichlorophenol
 Concen: 53.09 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

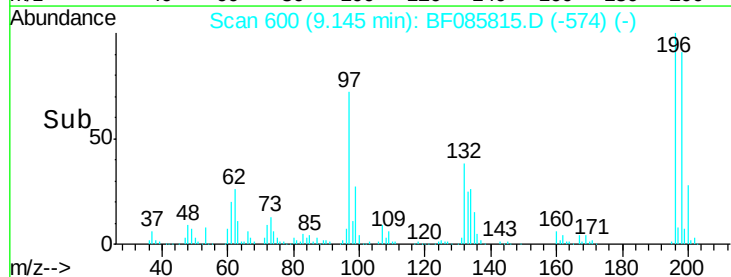
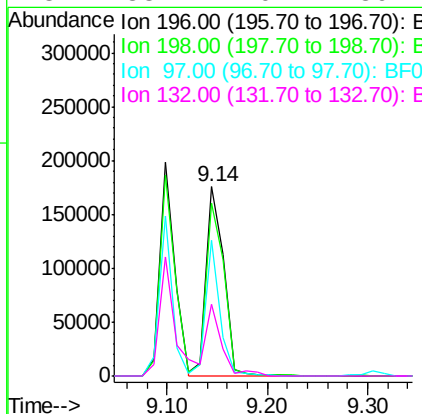
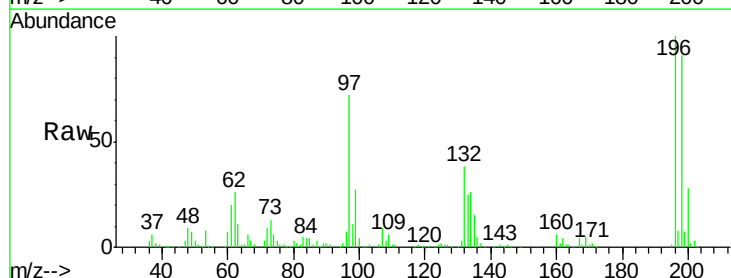
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

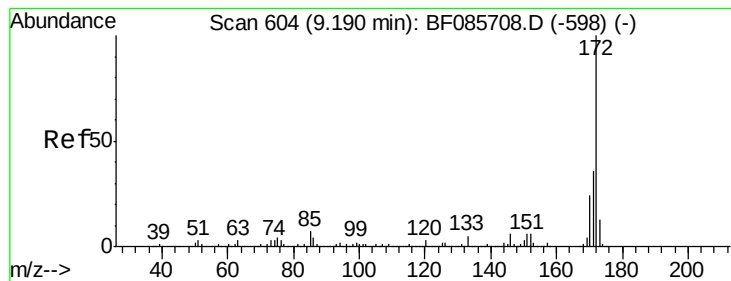
Tgt Ion:196 Resp: 203771
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.3 112.9
 200 29.4 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 53.41 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:196 Resp: 214957
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.6 114.8
 97 72.1 30.5 45.7#
 132 38.2 20.2 30.2#

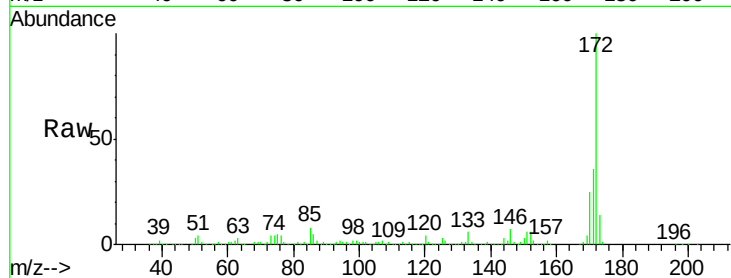




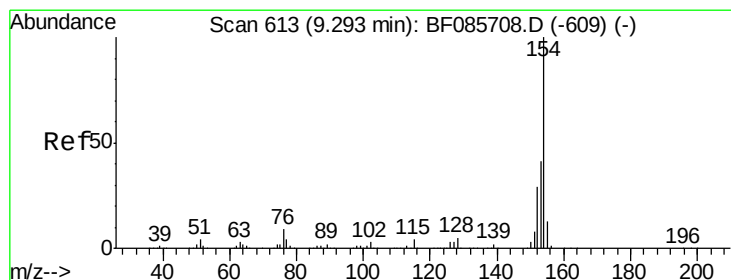
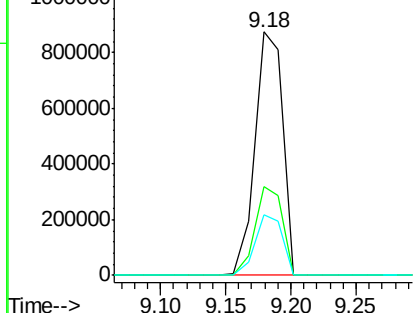
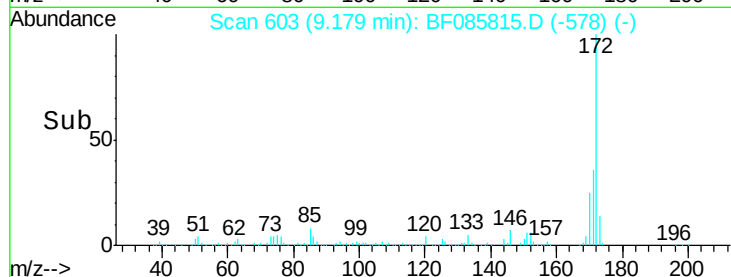
#44
2-Fluorobiphenyl
Concen: 113.06 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS

Tgt Ion:172 Resp: 1296750
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.2
170 24.7 19.8 29.6

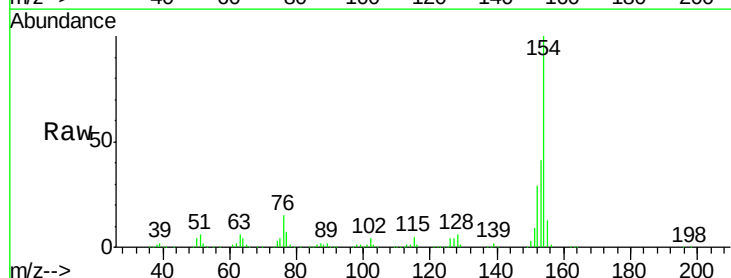


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

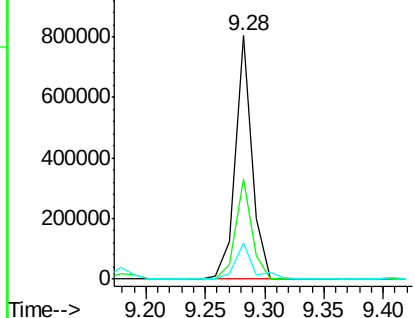
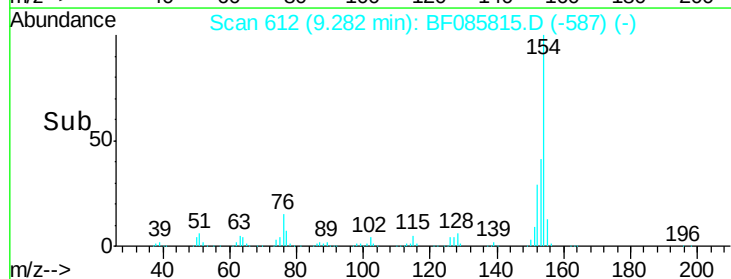


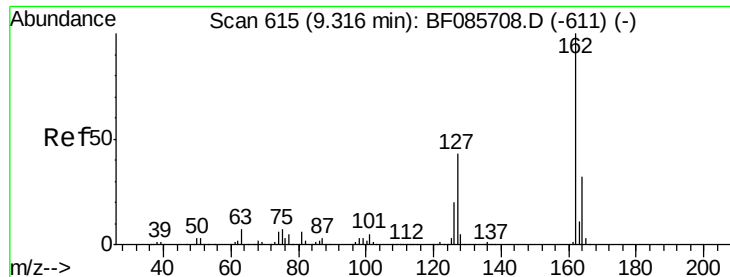
#45
1,1'-Biphenyl
Concen: 48.37 ng
RT: 9.28 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion:154 Resp: 782235
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 15.0 0.0 36.7



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

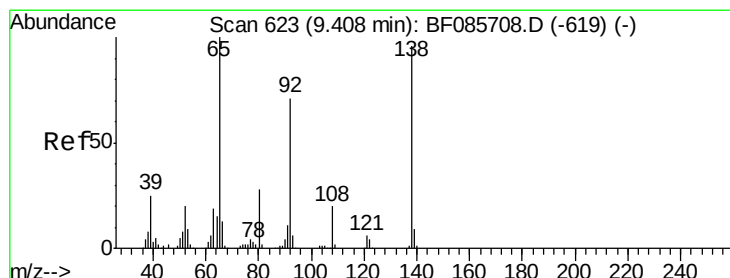
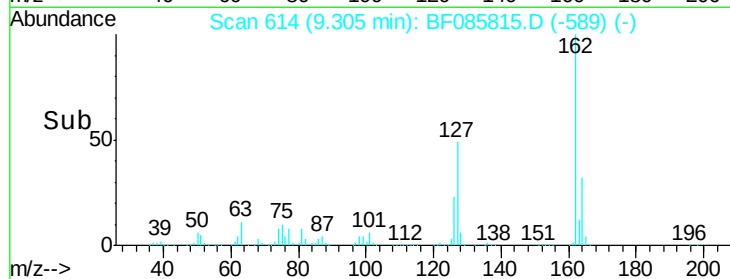
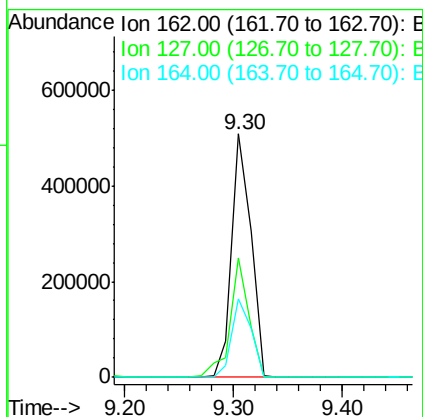
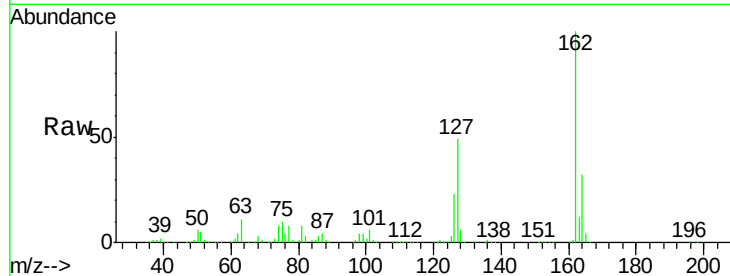




#46
 2-Chloronaphthalene
 Concen: 51.76 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

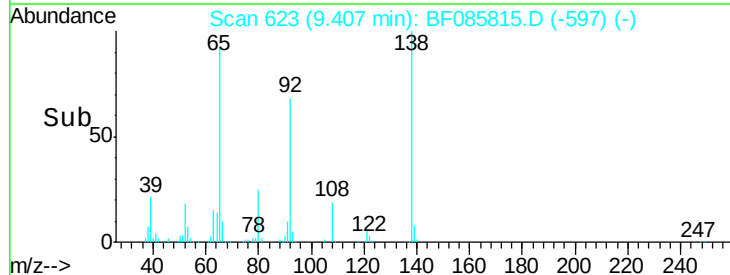
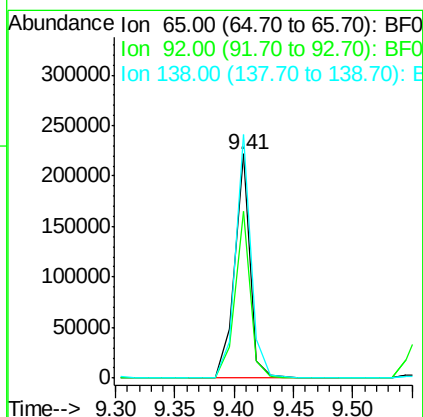
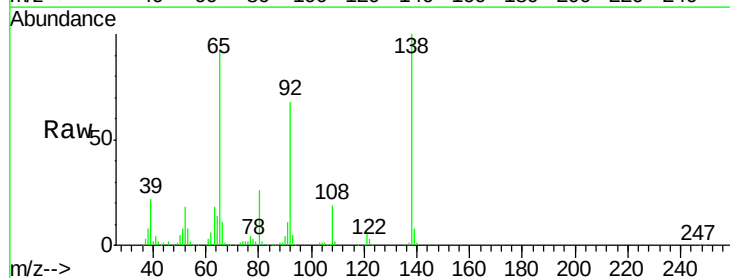
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

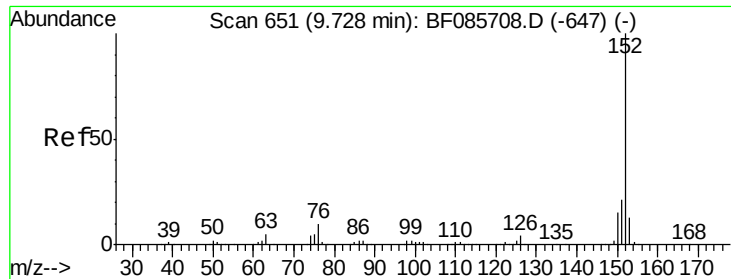
Tgt Ion: 162 Resp: 615382
 Ion Ratio Lower Upper
 162 100
 127 48.9 31.7 47.5#
 164 32.3 27.3 40.9



#47
 2-Nitroaniline
 Concen: 55.57 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion: 65 Resp: 202069
 Ion Ratio Lower Upper
 65 100
 92 74.3 59.7 89.5
 138 108.5 91.4 137.0





#48

Acenaphthylene

Concen: 53.24 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

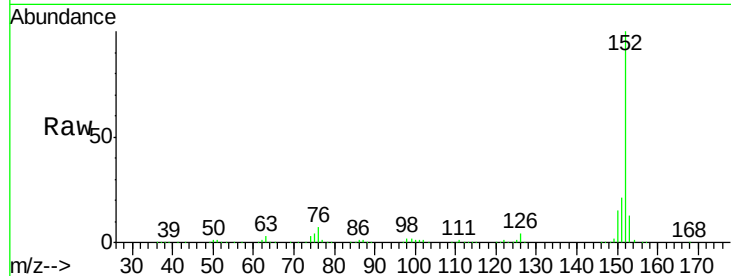
Tgt Ion:152 Resp: 1031546

Ion Ratio Lower Upper

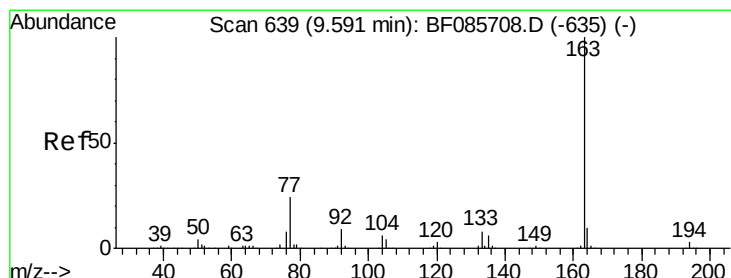
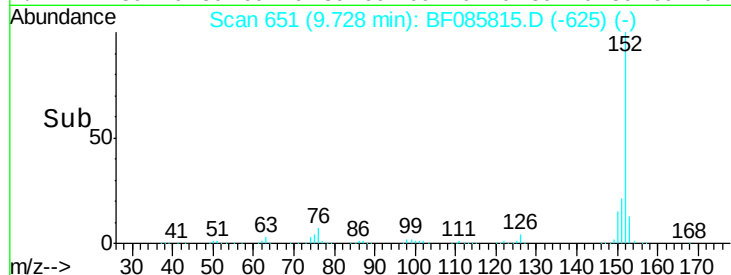
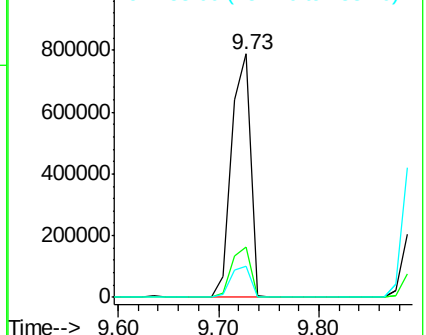
152 100

151 20.6 16.8 25.2

153 12.6 10.9 16.3



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



#49

Dimethylphthalate

Concen: 65.31 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

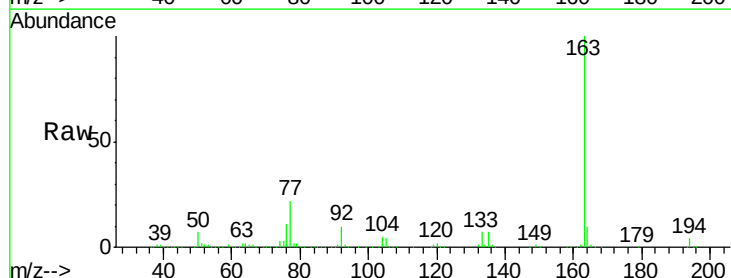
Tgt Ion:163 Resp: 949497

Ion Ratio Lower Upper

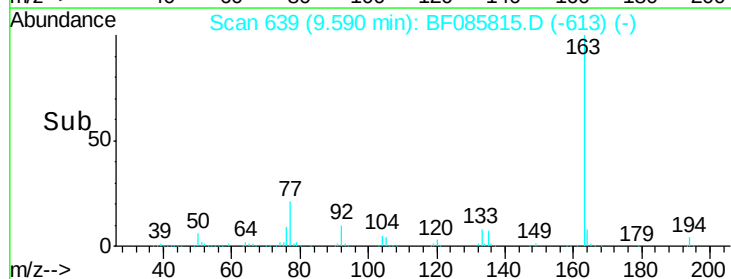
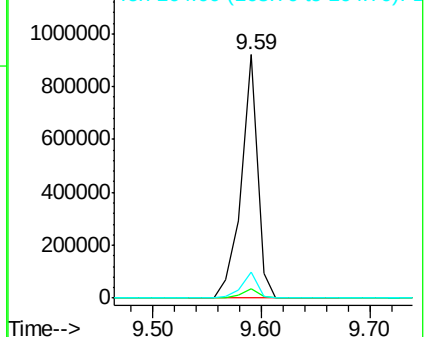
163 100

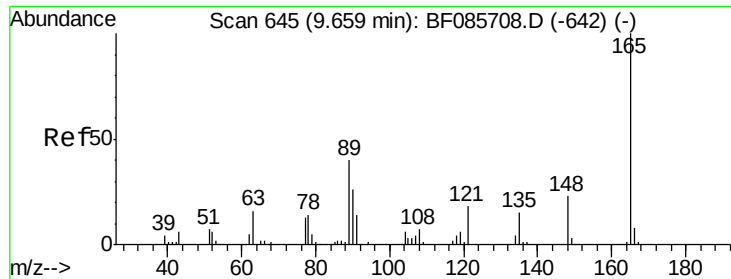
194 3.6 2.9 4.3

164 10.4 8.3 12.5



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





#50

2,6-Dinitrotoluene

Concen: 53.10 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

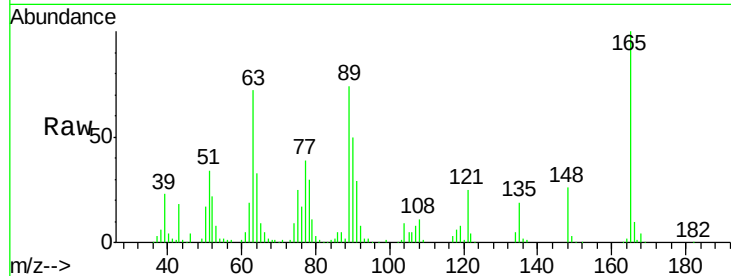
Tgt Ion:165 Resp: 166185

Ion Ratio Lower Upper

165 100

63 72.3 51.8 77.8

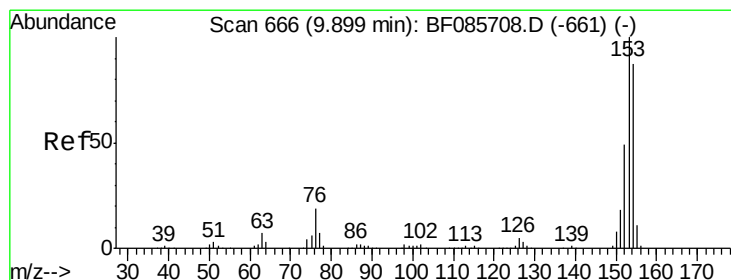
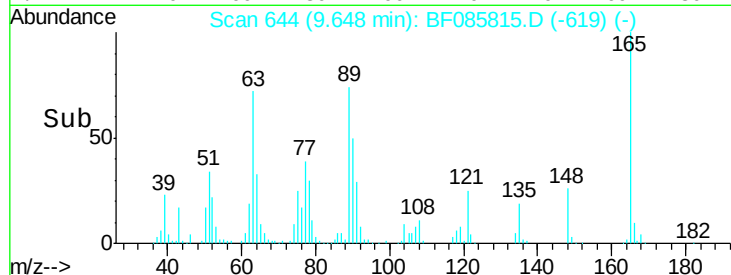
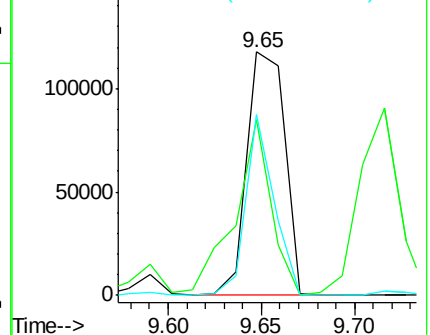
89 74.1 53.7 80.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 52.56 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

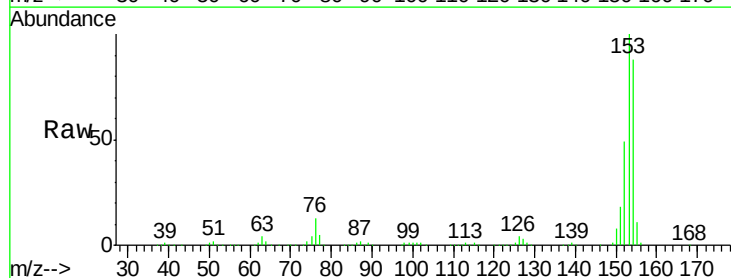
Tgt Ion:154 Resp: 622064

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

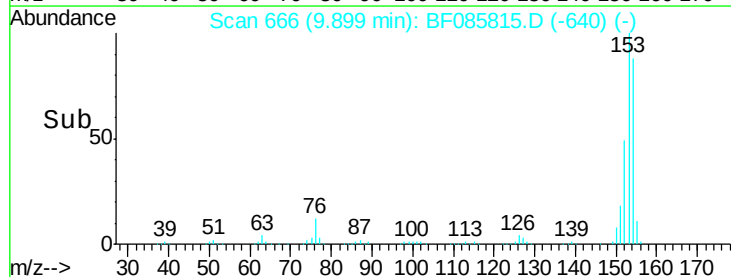
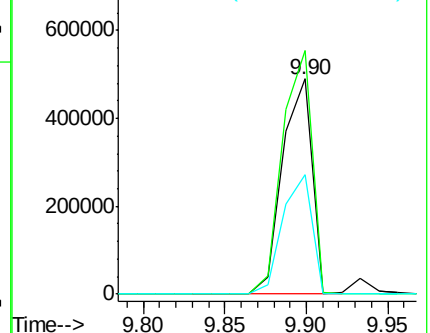
152 55.7 44.2 66.2

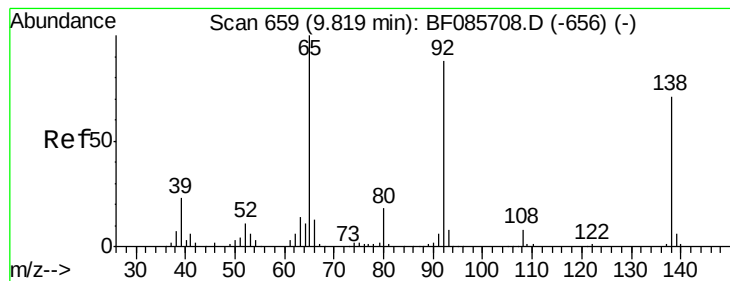


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 34.29 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

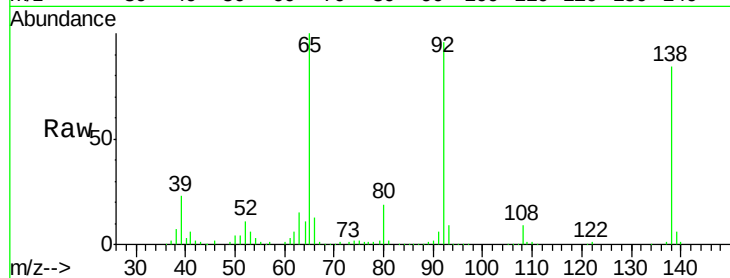
Tgt Ion:138 Resp: 122843

Ion Ratio Lower Upper

138 100

108 10.3 8.7 13.1

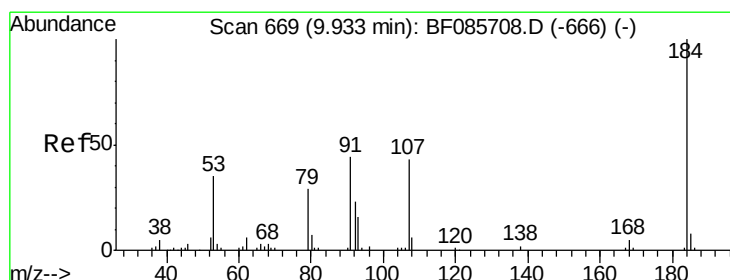
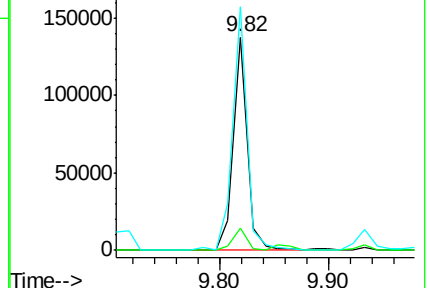
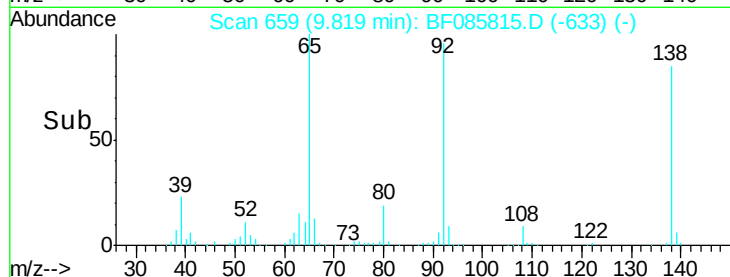
92 114.1 93.3 139.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 40.75 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

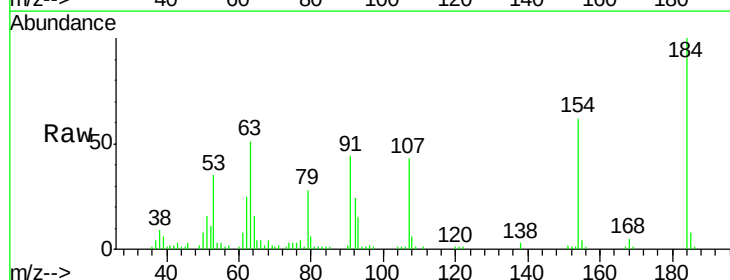
Tgt Ion:184 Resp: 59369

Ion Ratio Lower Upper

184 100

63 51.1 69.5 104.3#

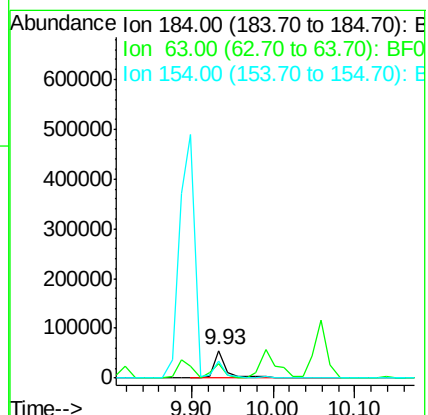
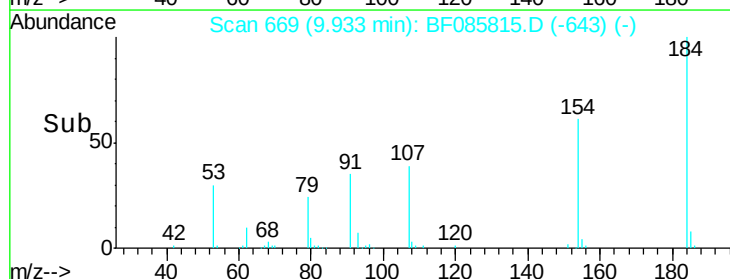
154 61.5 58.3 87.5

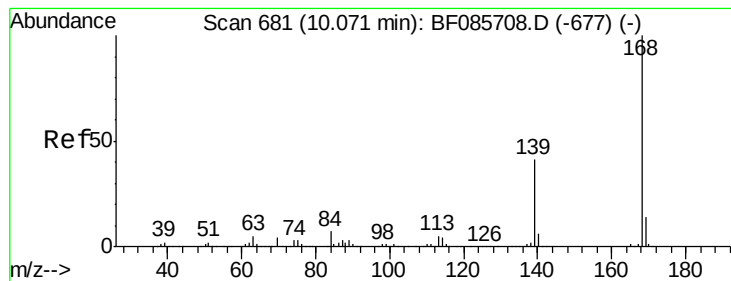


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 59.55 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

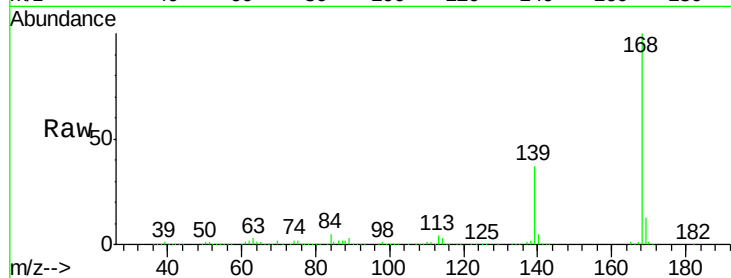
Tgt Ion:168 Resp: 912182

Ion Ratio Lower Upper

168 100

139 37.0 31.9 47.9

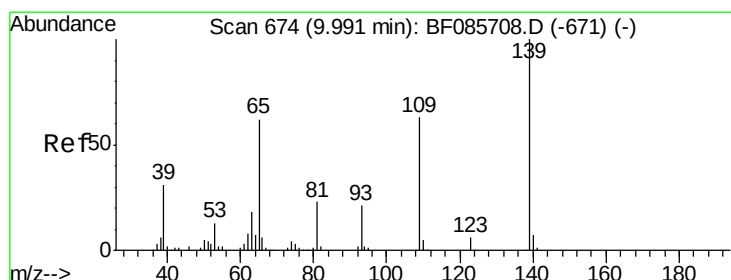
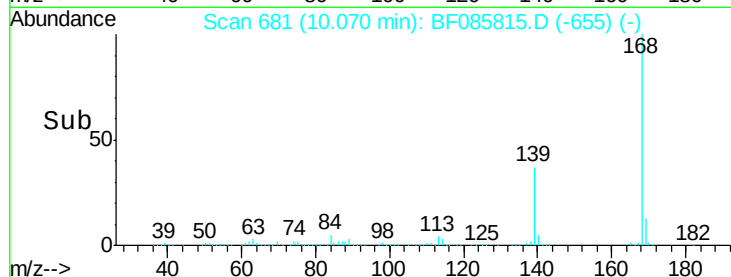
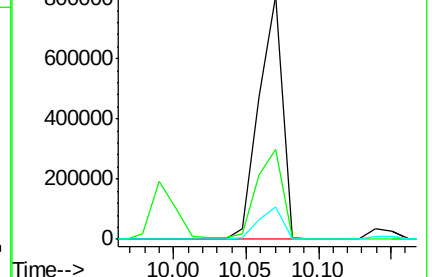
169 13.2 11.0 16.6



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: 98.69 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

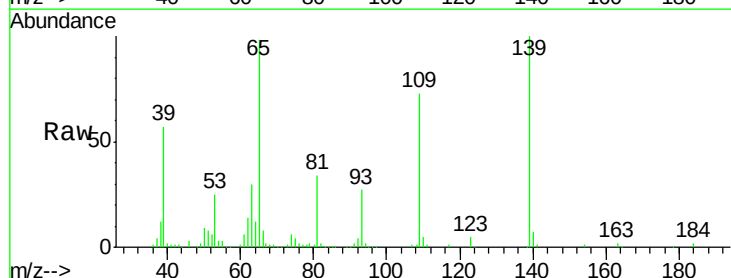
Tgt Ion:139 Resp: 230309

Ion Ratio Lower Upper

139 100

109 73.3 49.2 89.2

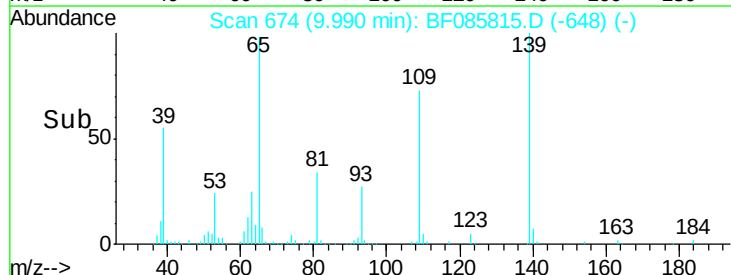
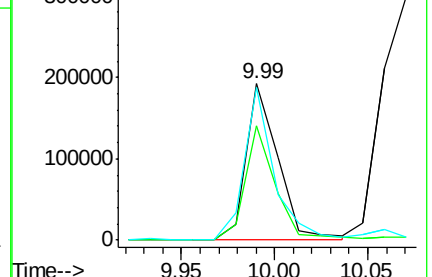
65 98.0 66.9 106.9

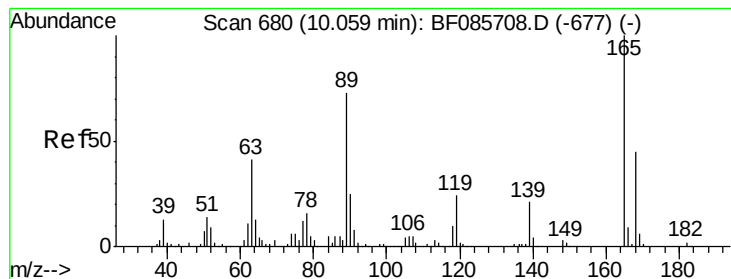


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 56.42 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

Tgt Ion:165 Resp: 224416

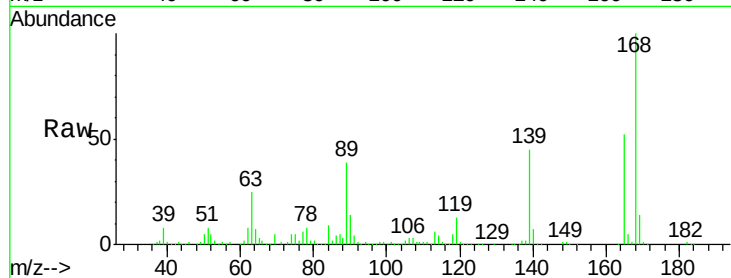
Ion Ratio Lower Upper

165 100

63 47.3 24.9 37.3#

89 75.0 41.0 61.6#

182 2.6 2.1 3.1

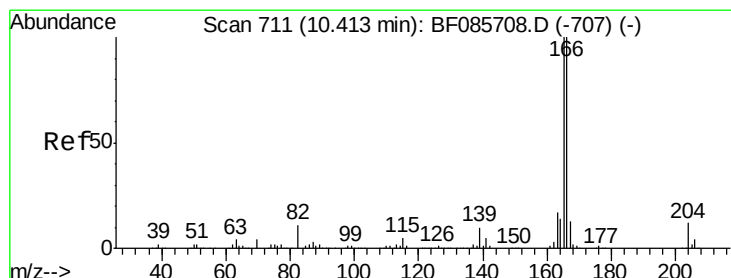
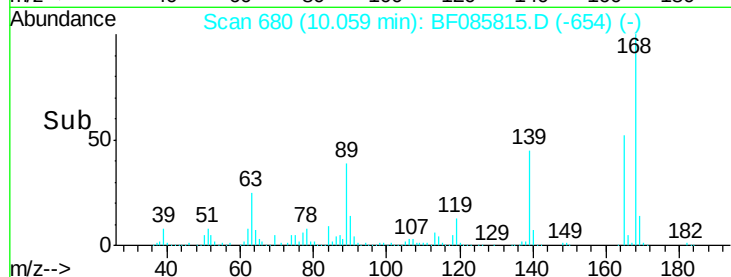
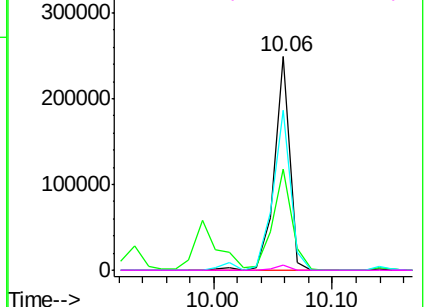


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 53.89 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

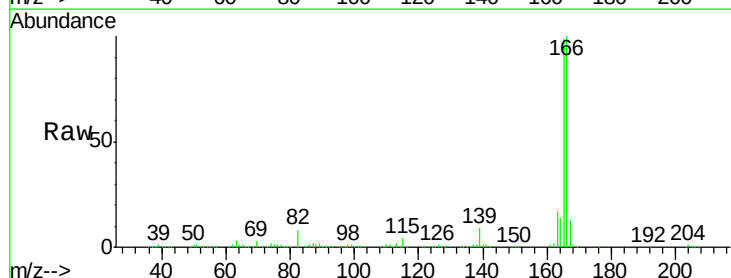
Tgt Ion:166 Resp: 686162

Ion Ratio Lower Upper

166 100

165 99.5 79.4 119.0

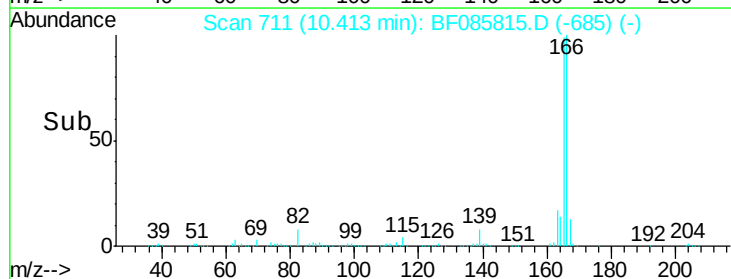
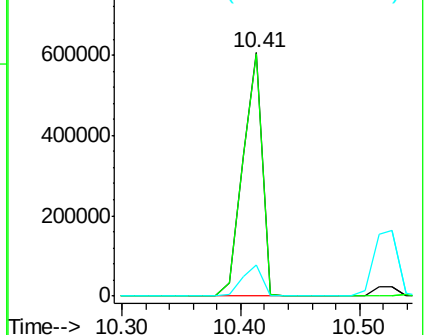
167 13.1 11.0 16.4

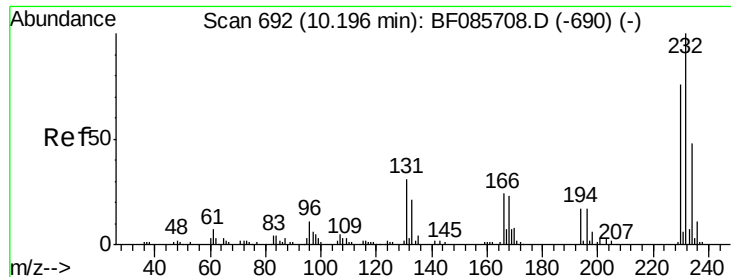


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

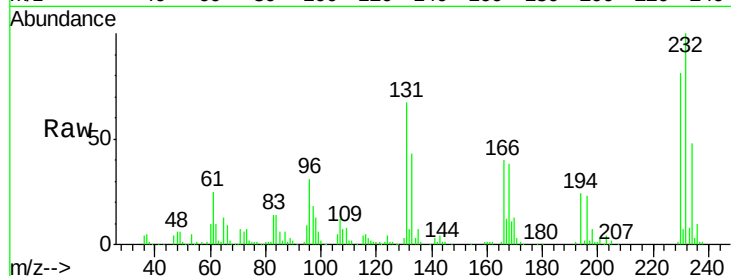




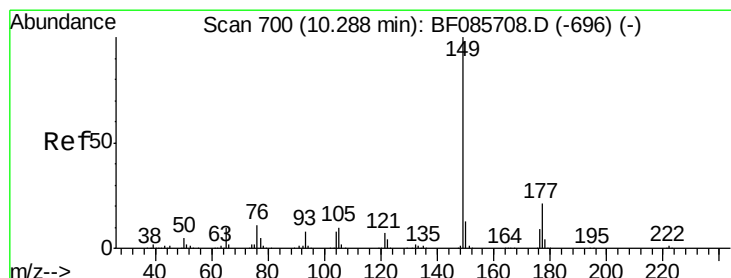
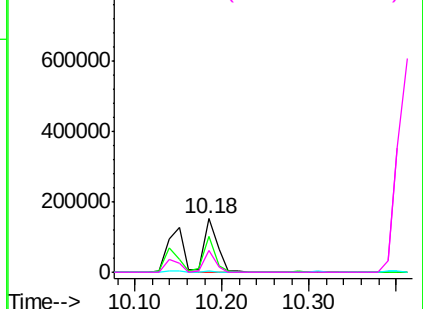
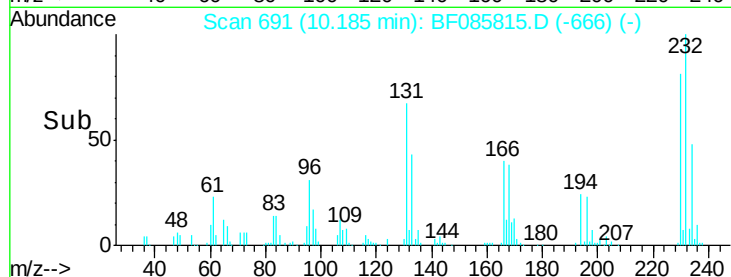
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.68 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

Tgt Ion:	232	Resp:	161365
Ion	Ratio	Lower	Upper
232	100		
131	57.8	44.9	67.3
130	2.8	2.3	3.5
166	33.9	28.1	42.1

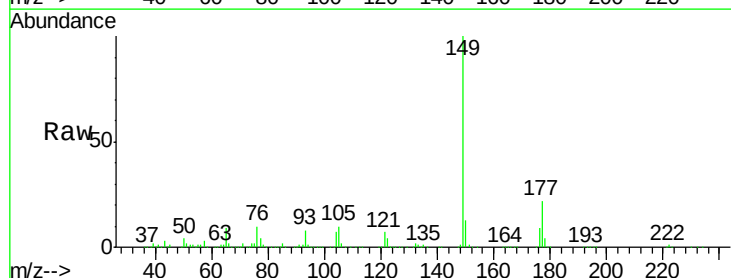


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

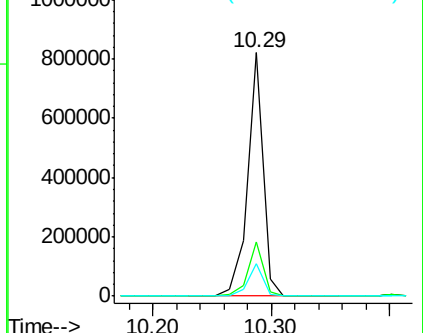
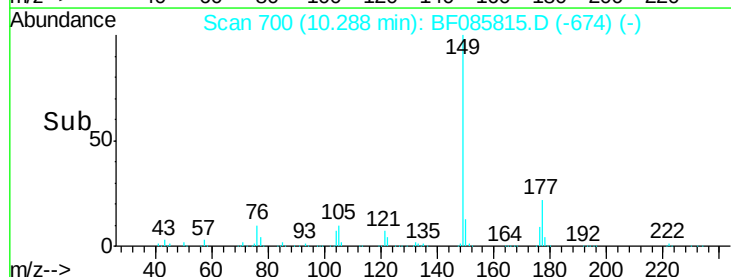


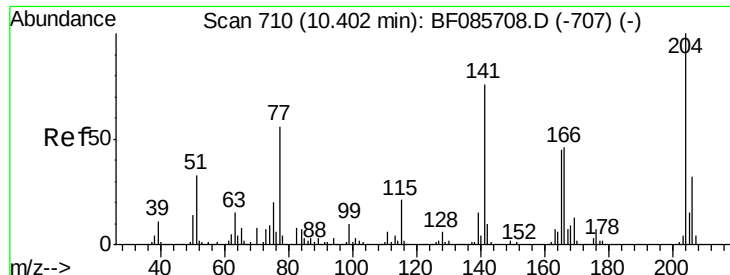
#59
 Diethylphthalate
 Concen: 52.22 ng
 RT: 10.29 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:	149	Resp:	750131
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.9	26.9
150	13.1	10.2	15.2



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

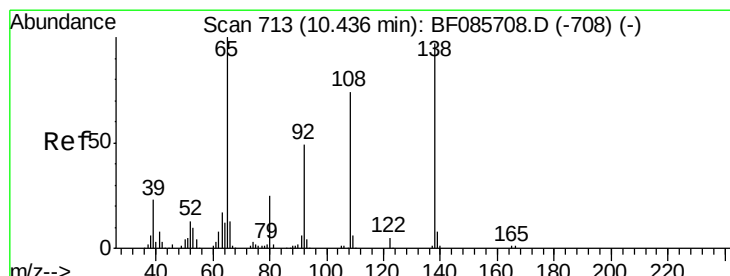
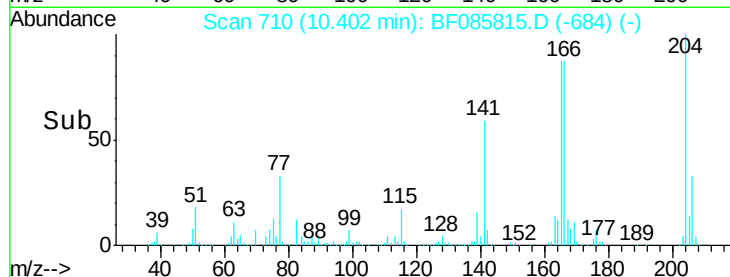
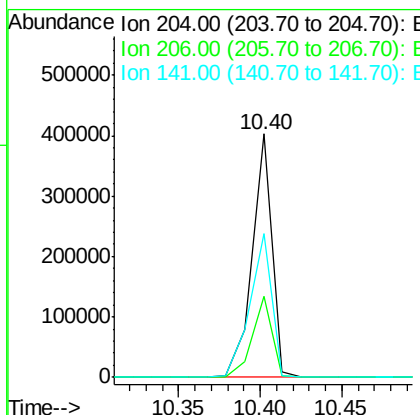
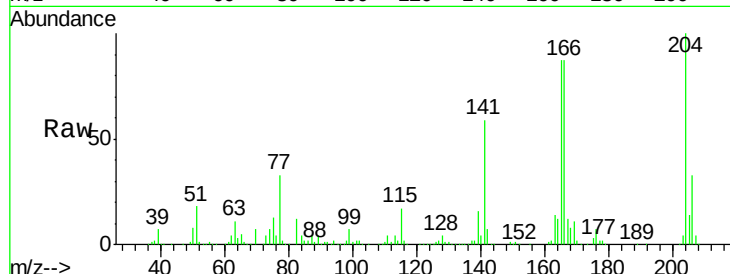




#60
 4-Chlorophenyl-phenylether
 Concen: 54.33 ng
 RT: 10.40 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

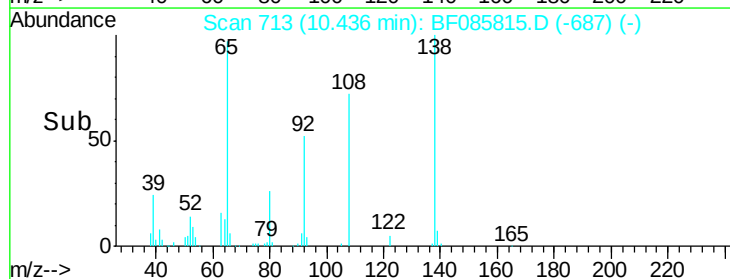
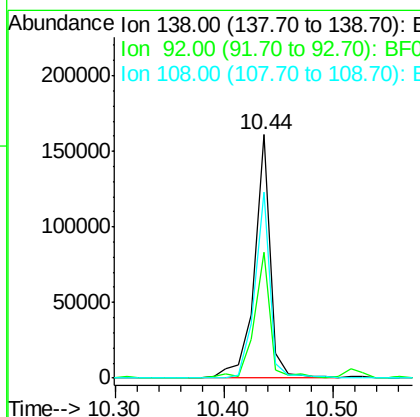
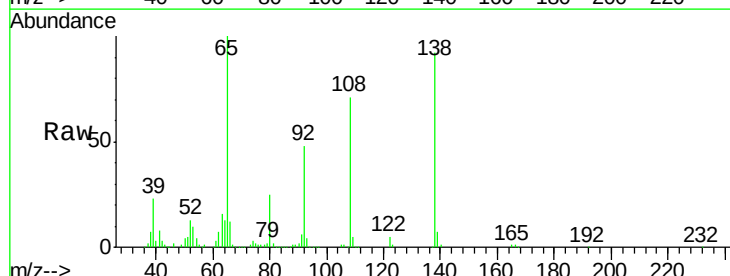
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

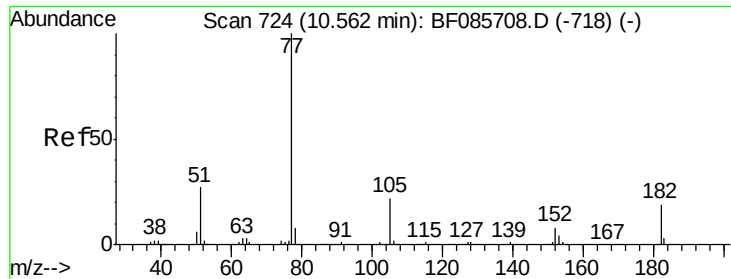
Tgt Ion:204 Resp: 338233
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 39.8
 141 59.3 57.4 86.0



#61
 4-Nitroaniline
 Concen: 48.32 ng
 RT: 10.44 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:138 Resp: 165544
 Ion Ratio Lower Upper
 138 100
 92 51.8 26.4 66.4
 108 76.4 49.0 89.0





#62

Azobenzene

Concen: 60.42 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

Tgt Ion: 77 Resp: 834069

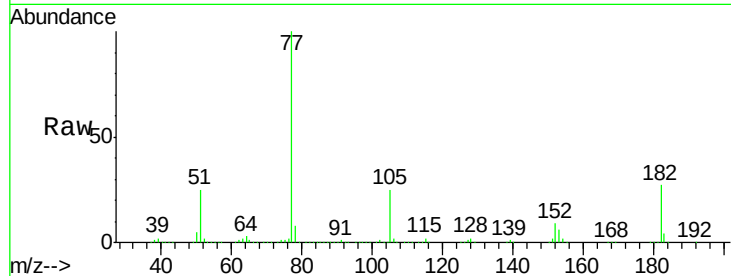
Ion Ratio Lower Upper

77 100

182 26.5 1.9 41.9

105 24.6 3.5 43.5

51 25.2 6.3 46.3

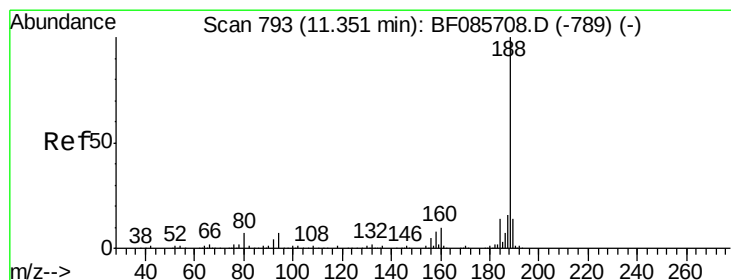
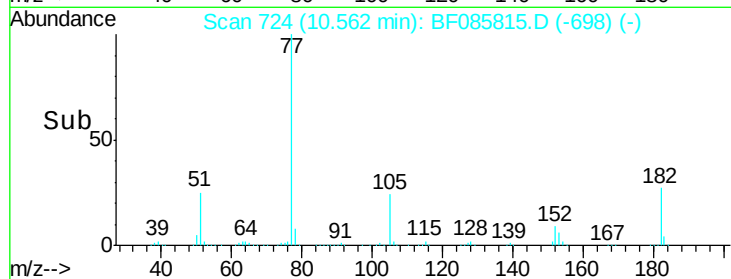
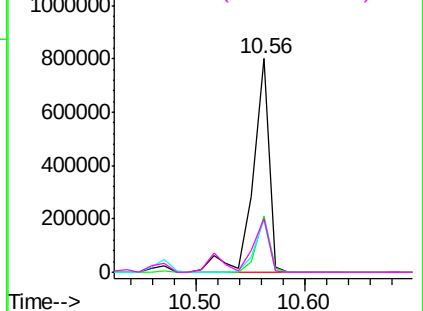


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

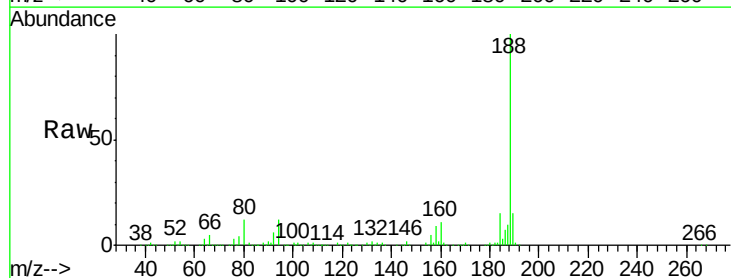
Tgt Ion: 188 Resp: 345259

Ion Ratio Lower Upper

188 100

94 12.0 5.4 8.0#

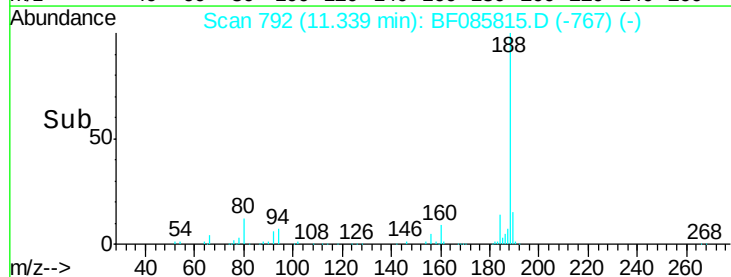
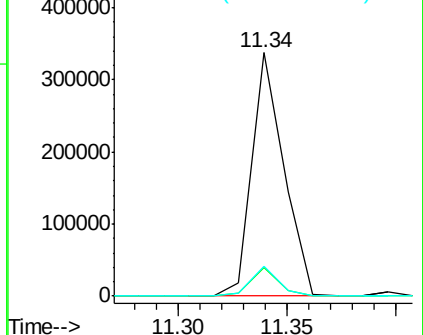
80 12.4 5.5 8.3#

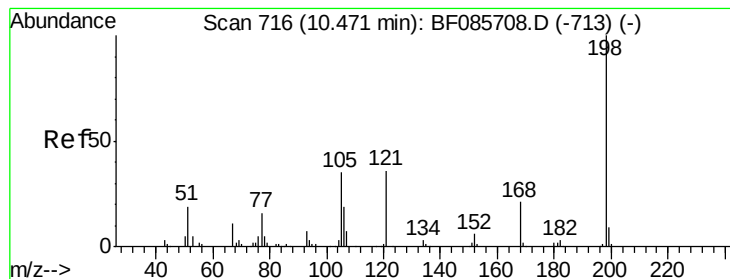


Abundance Ion 188.00 (187.70 to 188.70): E

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: 49.93 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

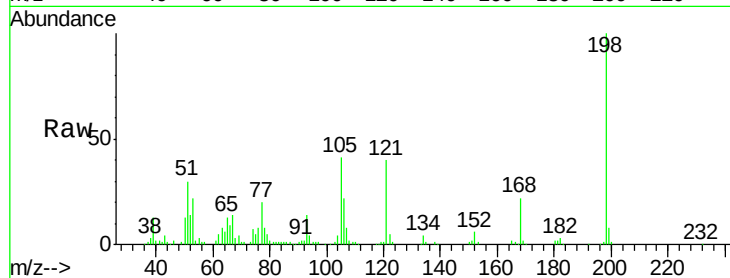
Tgt Ion:198 Resp: 100960

Ion Ratio Lower Upper

198 100

51 30.2 45.4 85.4#

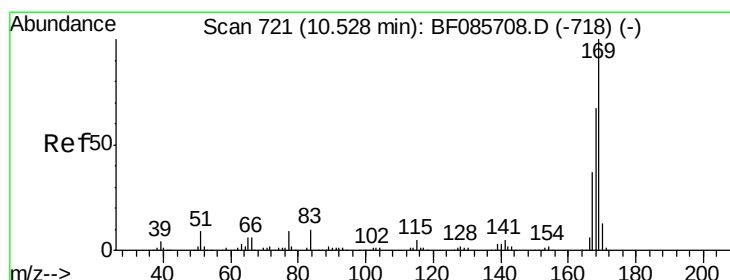
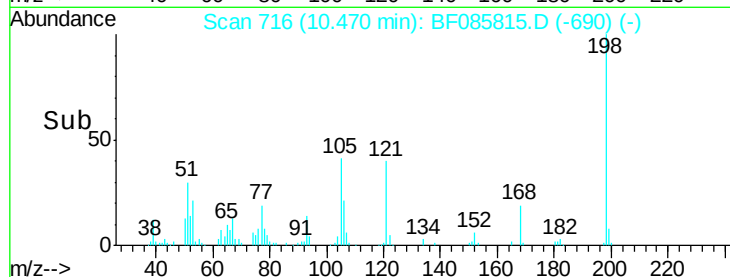
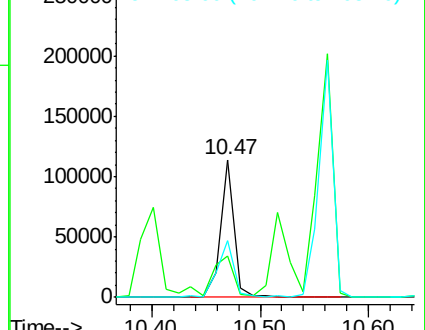
105 41.1 45.9 85.9#



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: 57.29 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

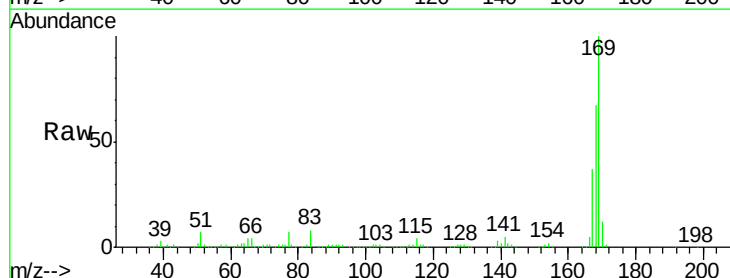
Tgt Ion:169 Resp: 626463

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

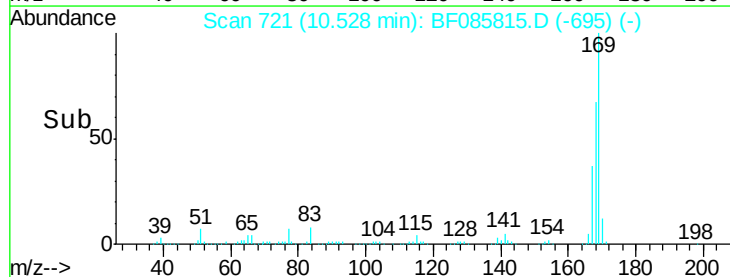
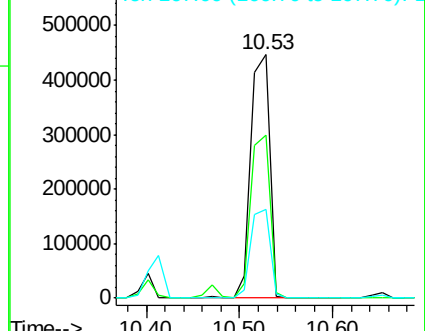
167 36.7 29.4 44.0

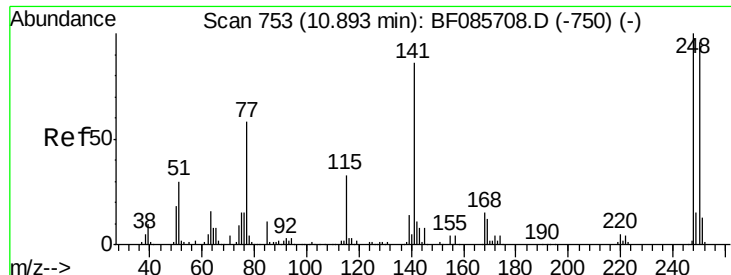


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

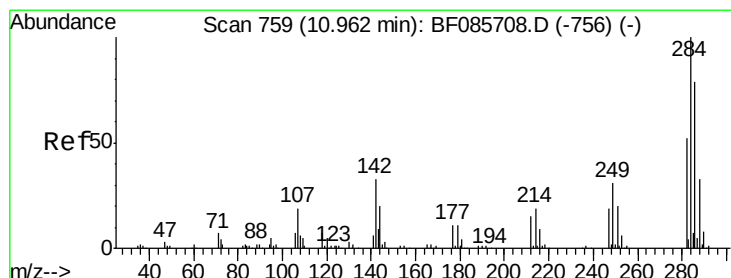
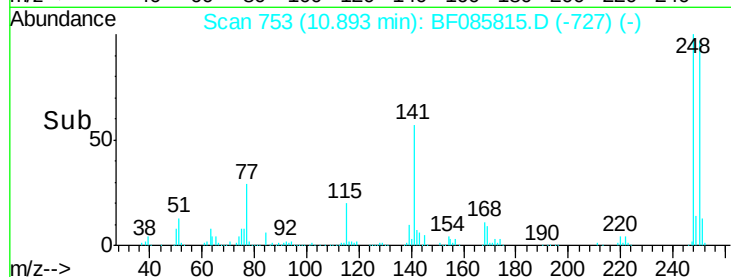
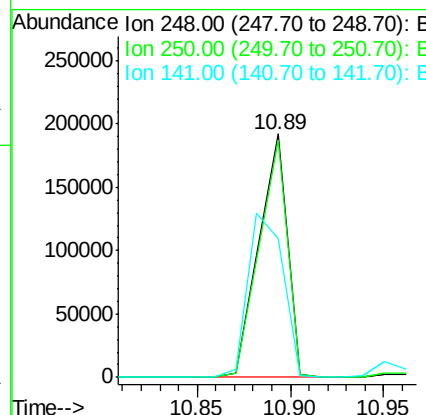
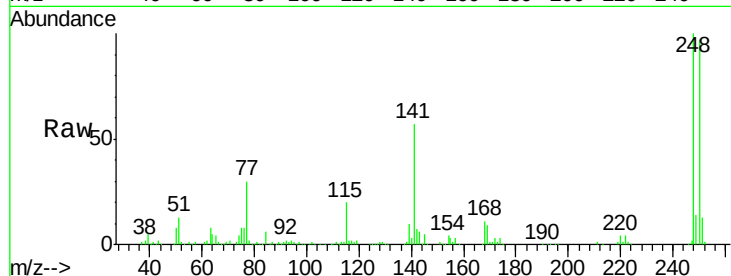




#66
 4-Bromophenyl-phenylether
 Concen: 57.12 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

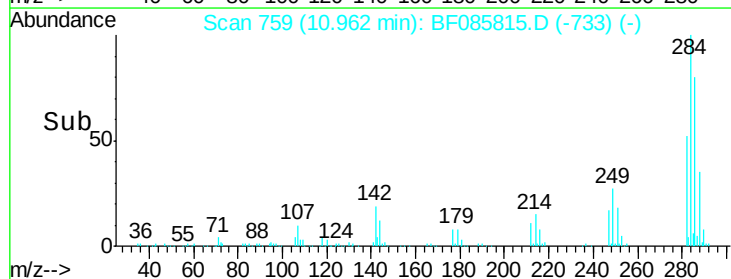
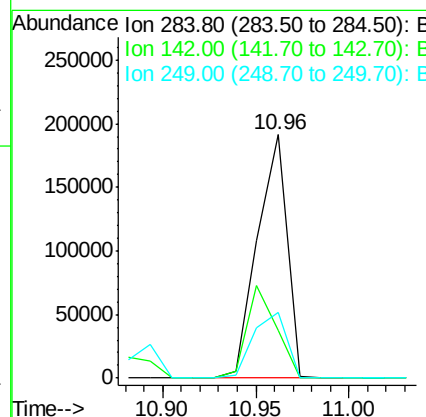
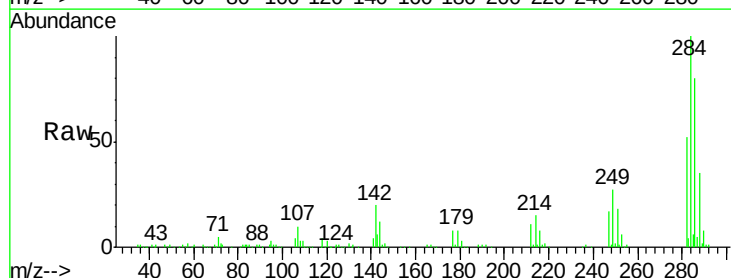
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

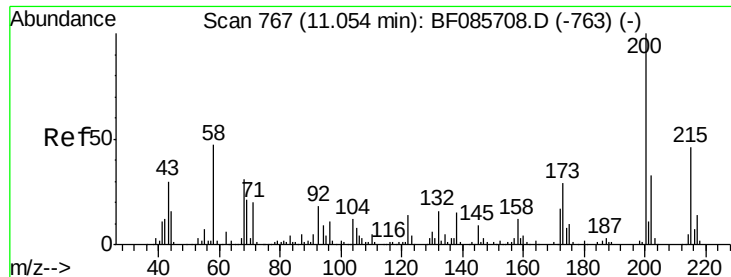
Tgt Ion:248 Resp: 201766
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.4 116.0
 141 57.2 63.6 95.4#



#67
 Hexachlorobenzene
 Concen: 56.91 ng
 RT: 10.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:284 Resp: 210243
 Ion Ratio Lower Upper
 284 100
 142 19.7 23.1 34.7#
 249 26.7 24.2 36.2

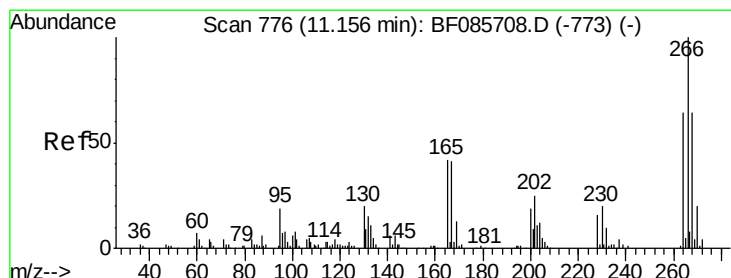
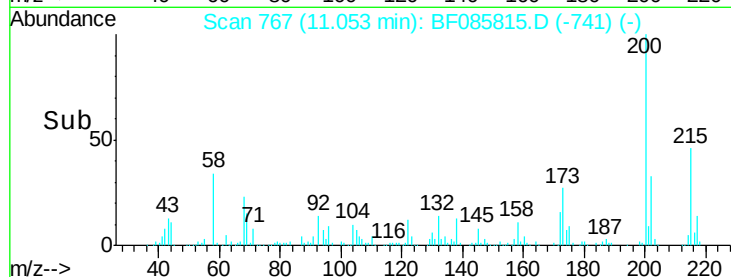
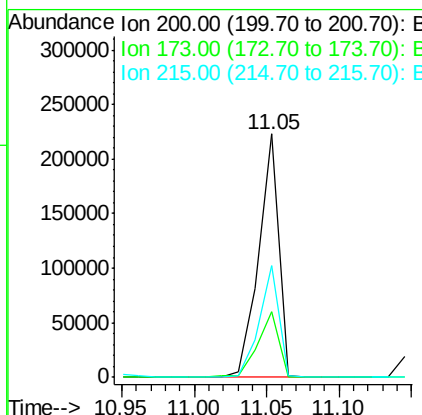
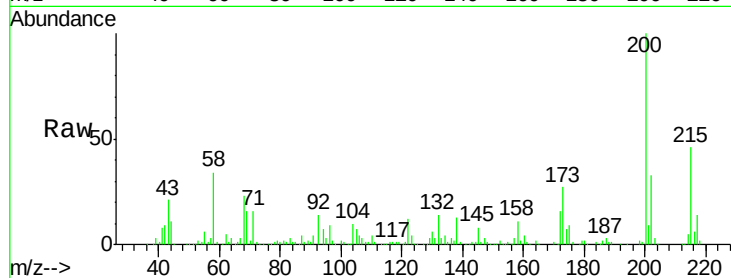




#68
 Atrazine
 Concen: 58.00 ng
 RT: 11.05 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

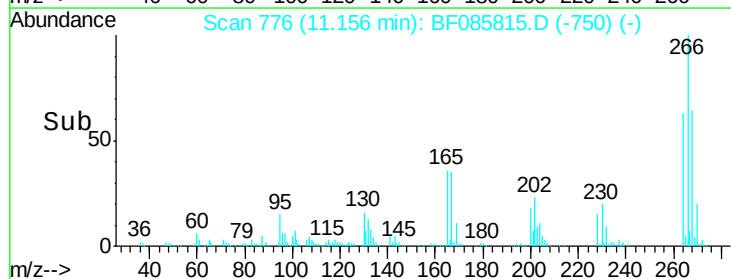
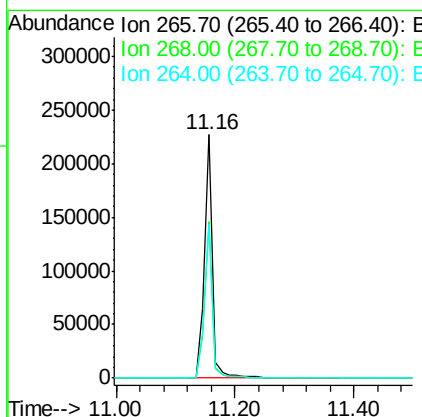
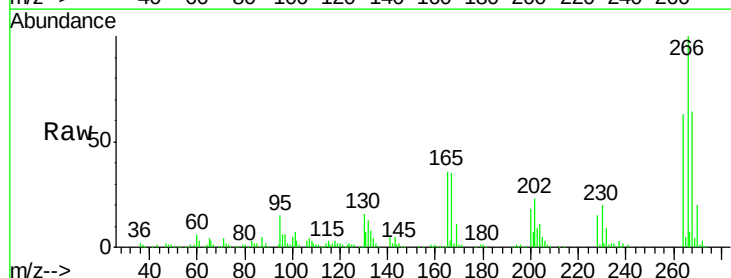
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

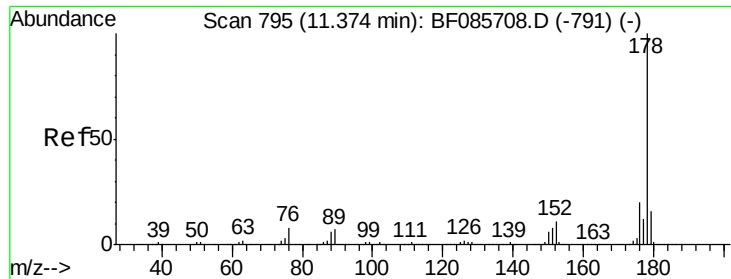
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.7	47.7
215	45.7	25.4	65.4



#69
 Pentachlorophenol
 Concen: 123.72 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.5	77.3
264	63.3	50.6	76.0

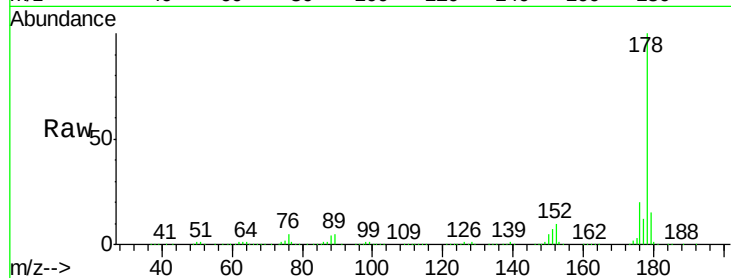




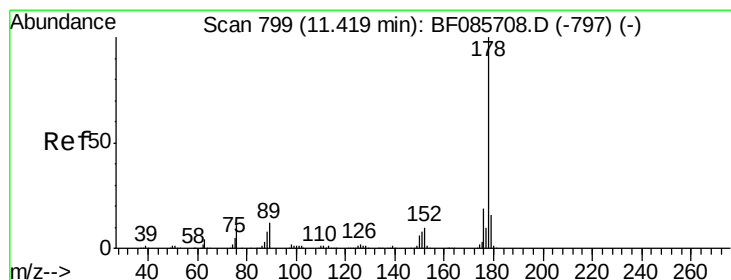
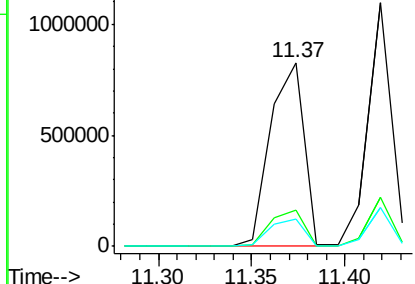
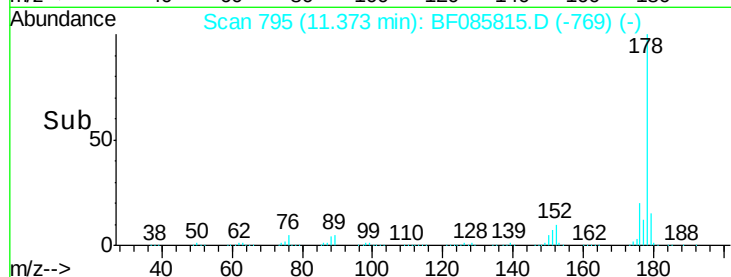
#70
Phenanthrene
Concen: 58.35 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS

Tgt Ion:178 Resp: 1034495
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 15.1 12.6 18.8

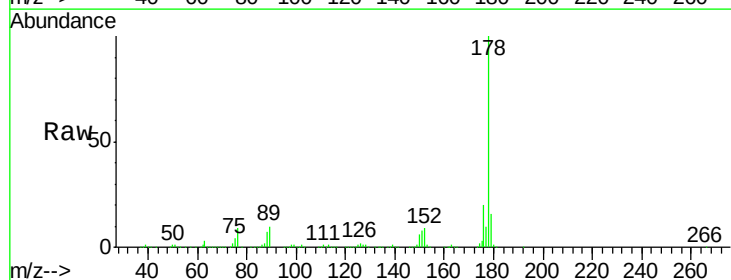


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

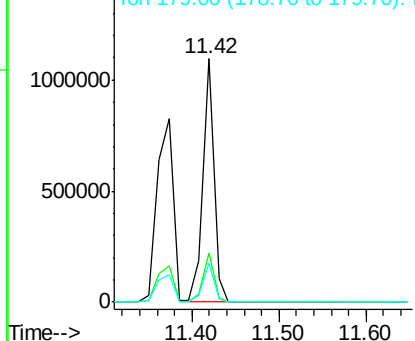
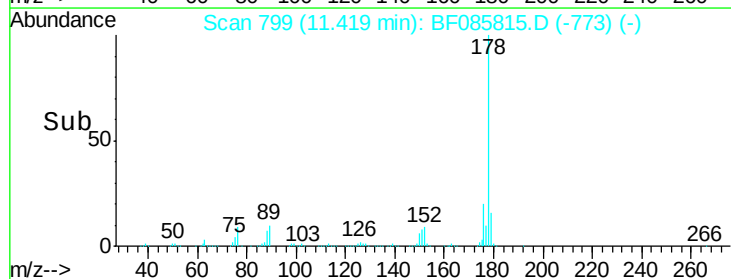


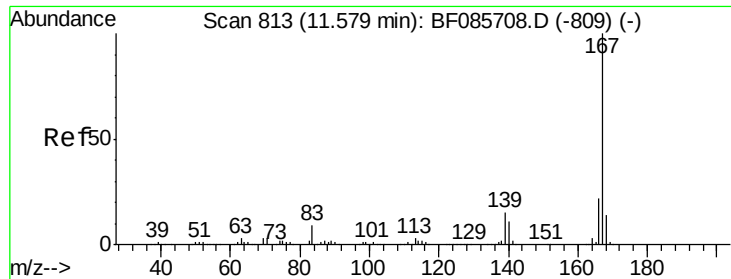
#71
Anthracene
Concen: 51.64 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion:178 Resp: 961033
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.1 13.0 19.4



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

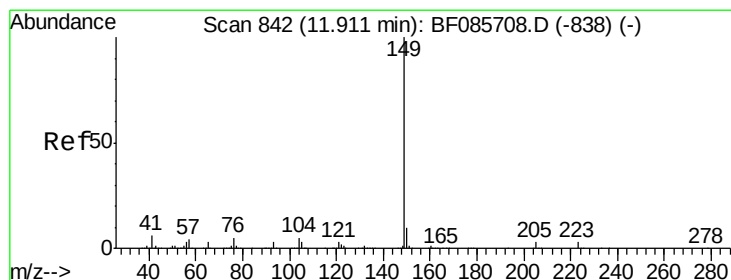
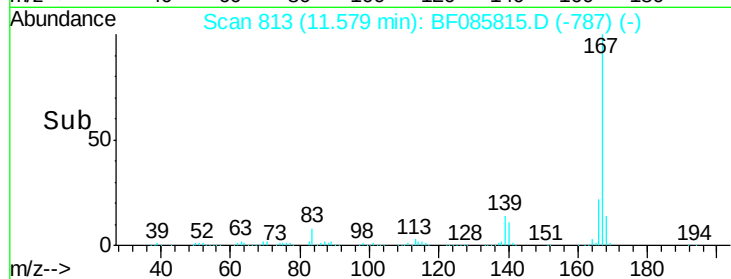
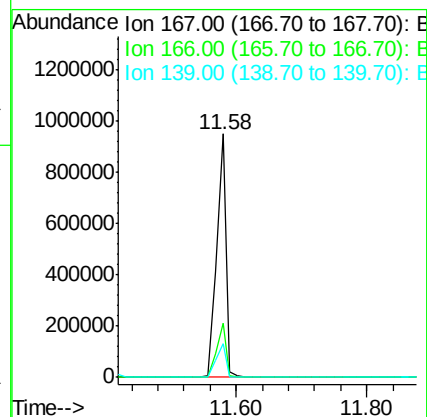
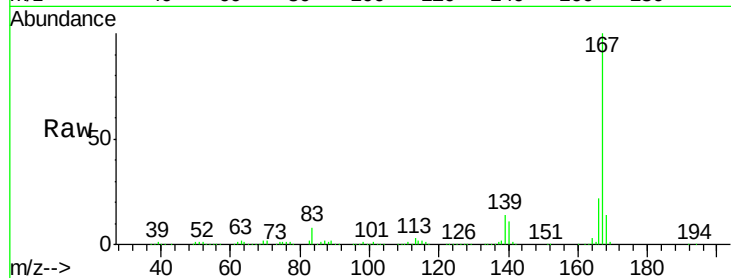




#72
 Carbazole
 Concen: 61.82 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

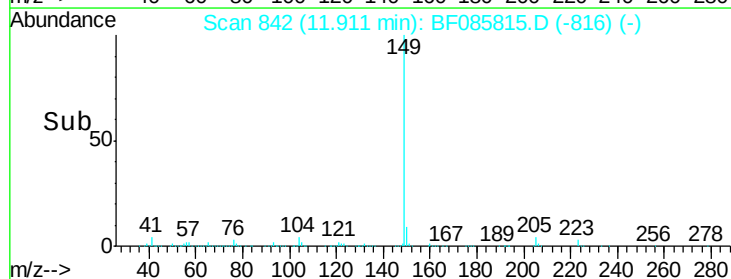
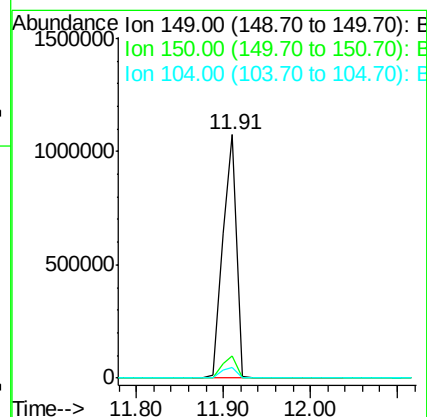
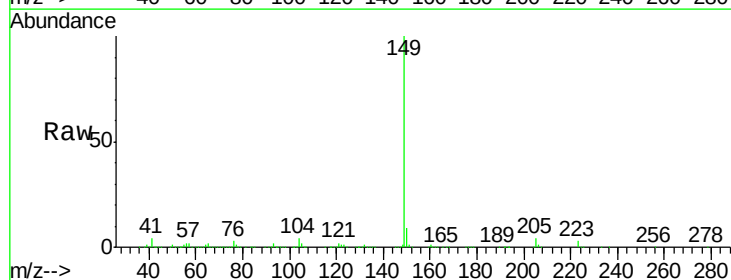
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

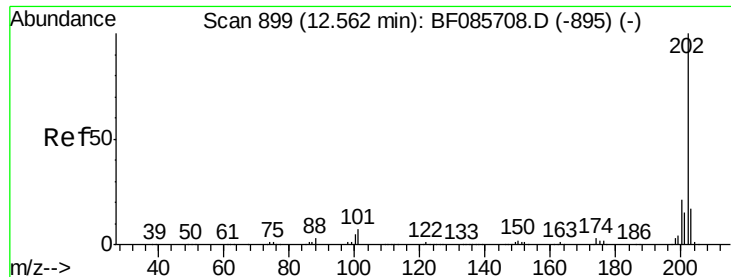
Tgt Ion:167 Resp: 965895
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.9 11.6 17.4



#73
 Di-n-butylphthalate
 Concen: 55.66 ng
 RT: 11.91 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:149 Resp: 1193507
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.1 3.8 5.8





#74

Fluoranthene

Concen: 46.52 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

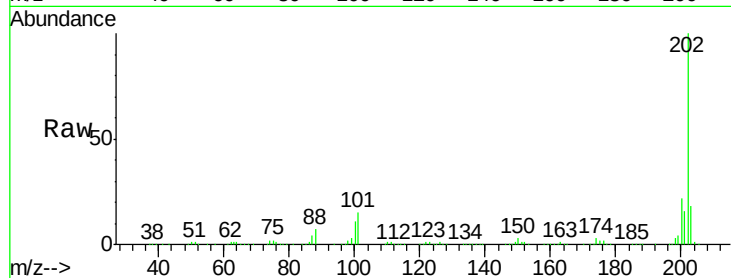
Tgt Ion:202 Resp: 876615

Ion Ratio Lower Upper

202 100

101 14.5 0.0 36.6

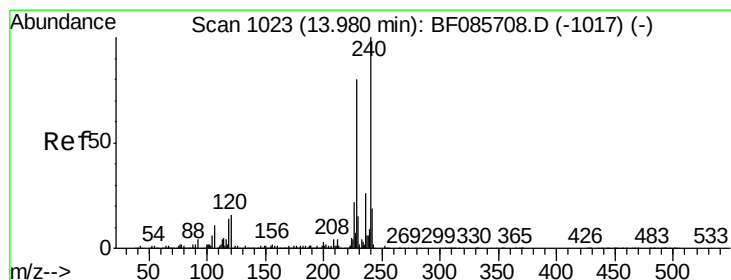
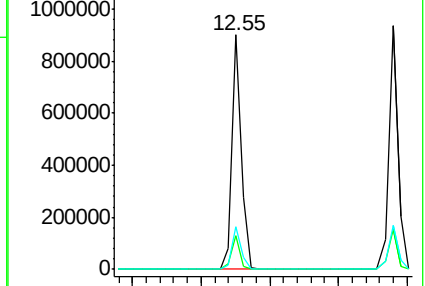
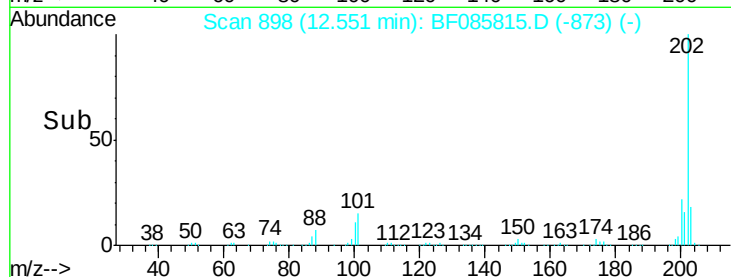
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

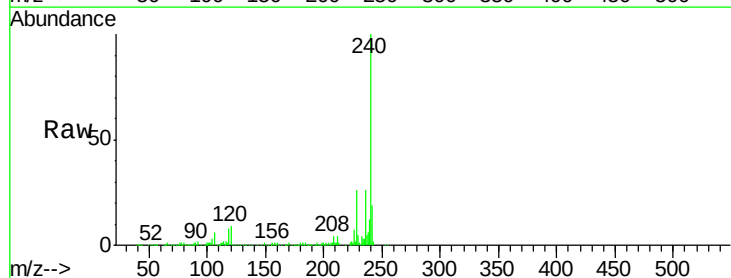
Tgt Ion:240 Resp: 216292

Ion Ratio Lower Upper

240 100

120 9.4 13.8 20.8#

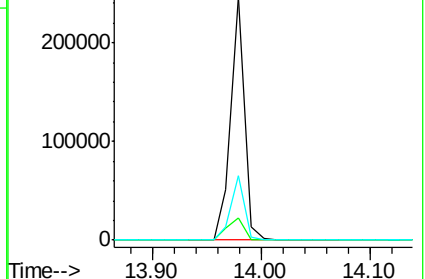
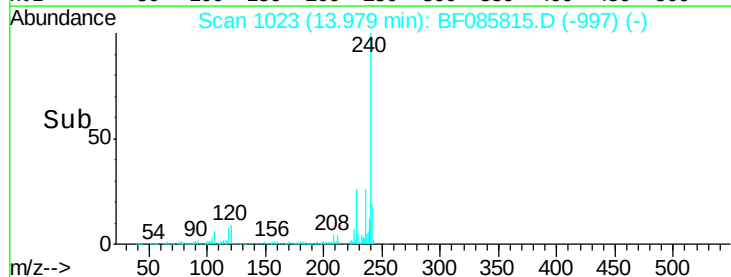
236 26.2 20.6 30.8

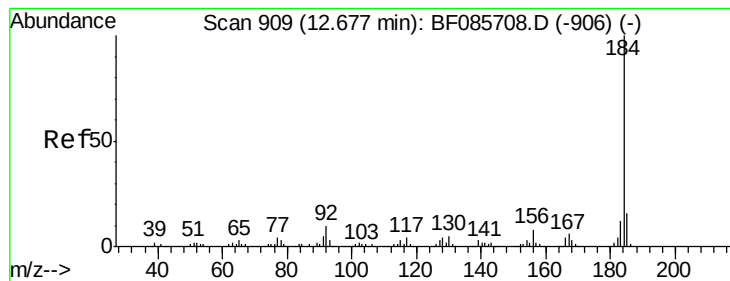


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 51.71 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

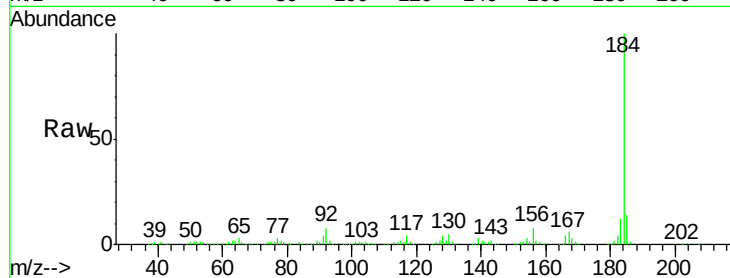
Tgt Ion:184 Resp: 393909

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

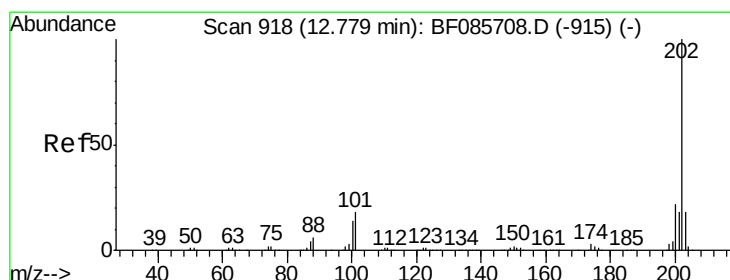
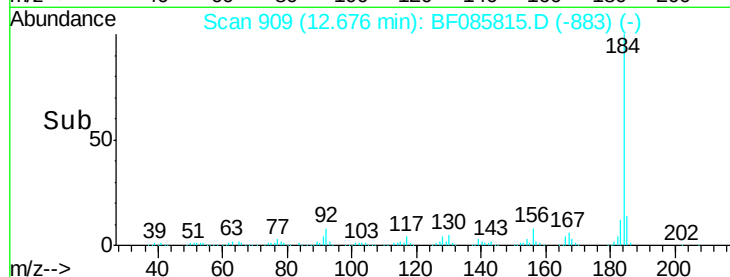
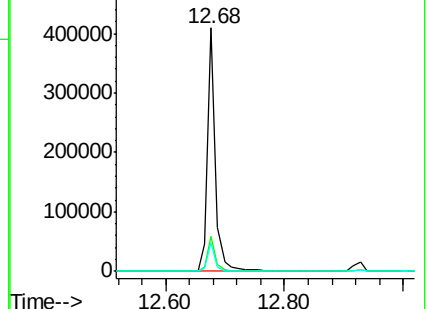
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 48.95 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

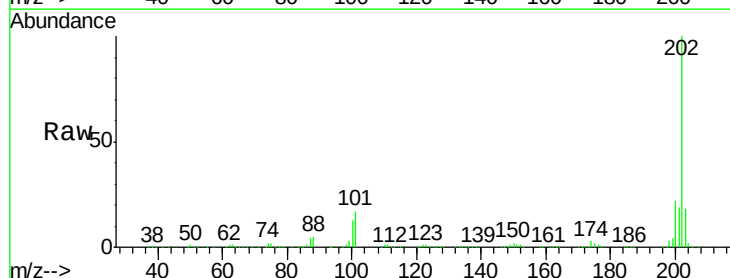
Tgt Ion:202 Resp: 870280

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

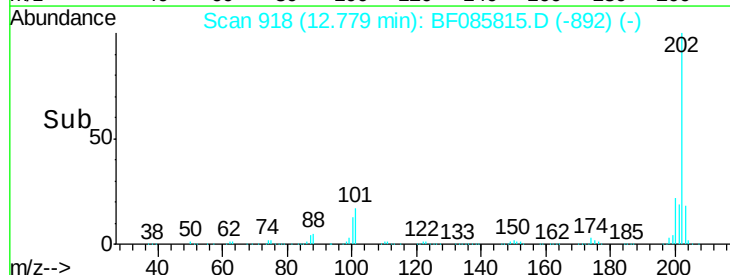
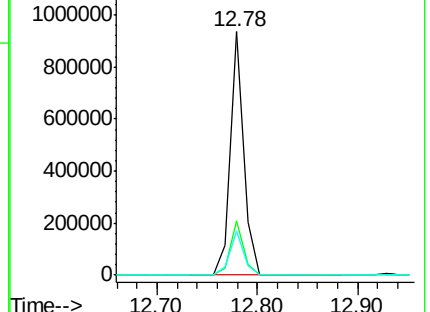
203 18.3 14.0 21.0

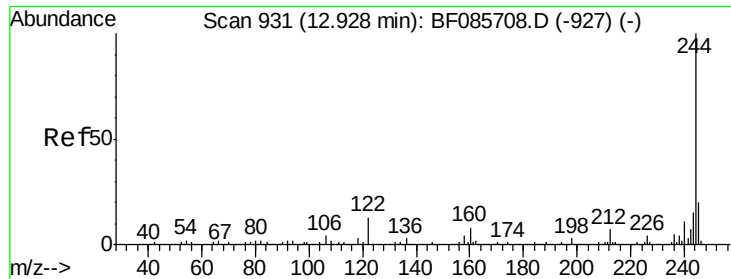


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

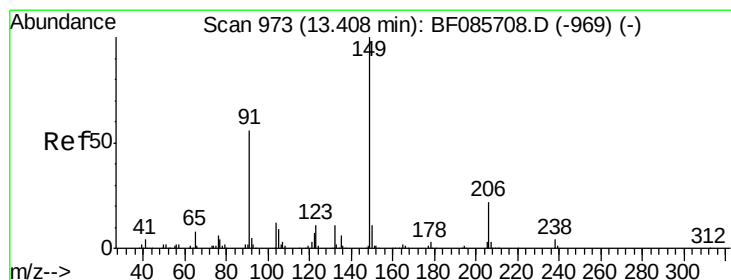
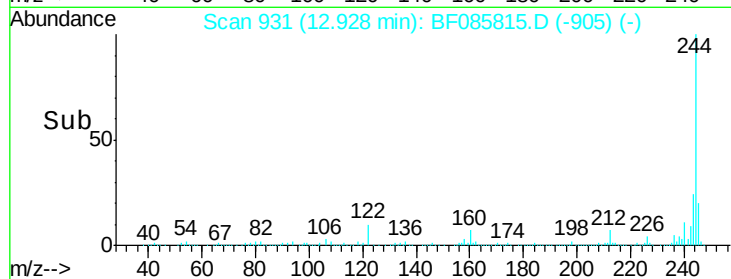
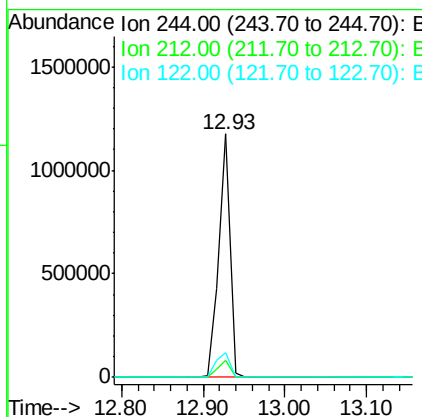
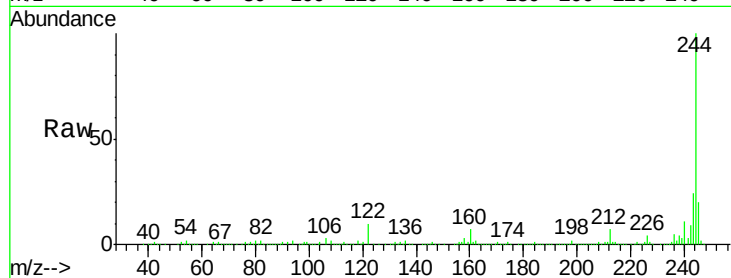




#78
 Terphenyl-d14
 Concen: 107.56 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

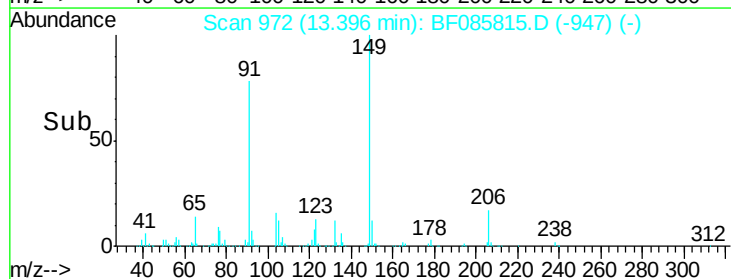
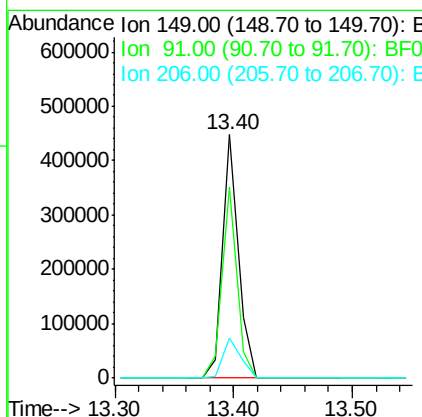
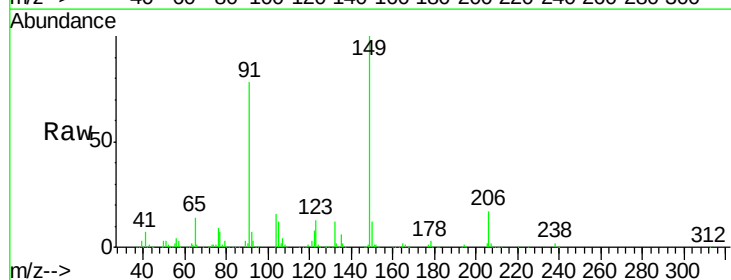
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MS

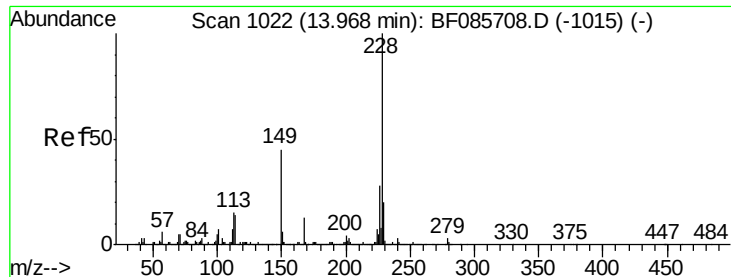
Tgt Ion:244 Resp: 1131170
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.0 10.2 15.4#



#79
 Butylbenzylphthalate
 Concen: 54.79 ng
 RT: 13.40 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion:149 Resp: 407951
 Ion Ratio Lower Upper
 149 100
 91 78.3 45.8 68.8#
 206 16.5 17.8 26.8#





#80

Benzo(a)anthracene

Concen: 55.99 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

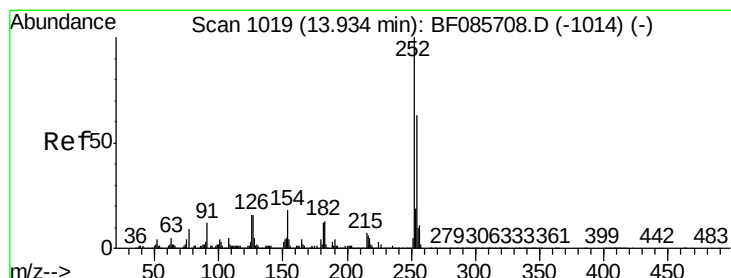
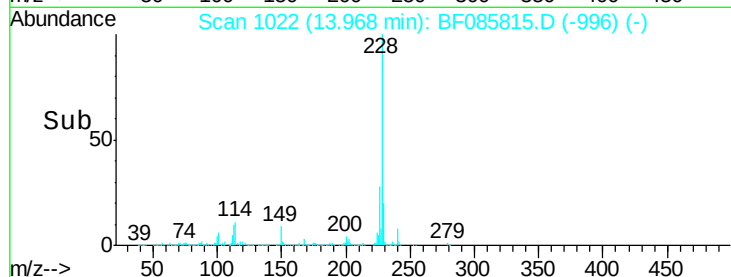
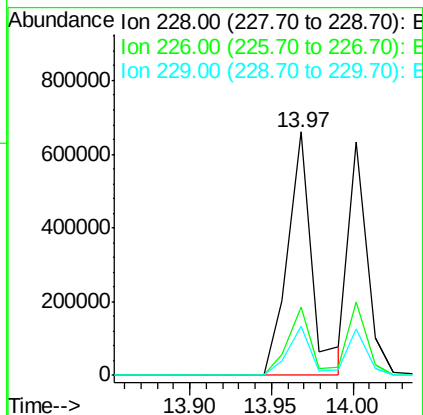
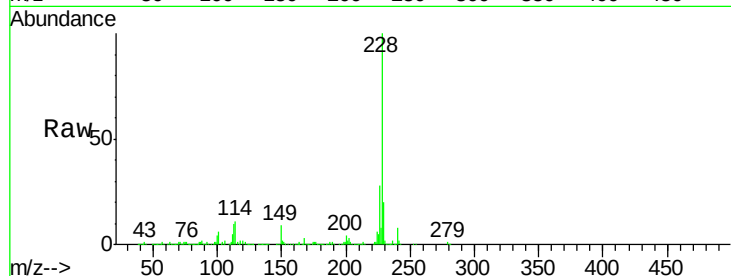
Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	228	Resp:	690557
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	20.0	16.2	24.4



#81

3,3'-Dichlorobenzidine

Concen: 16.91 ng

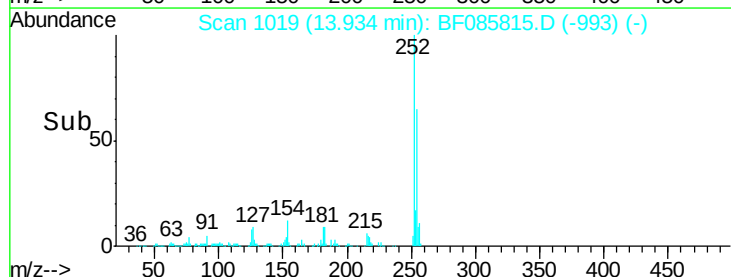
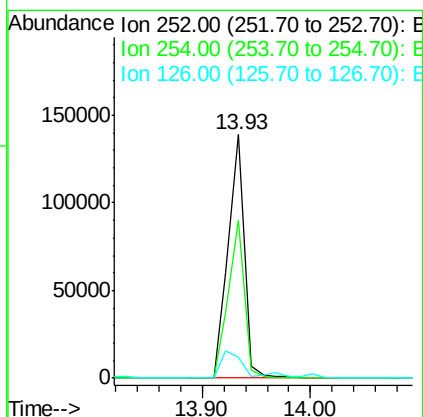
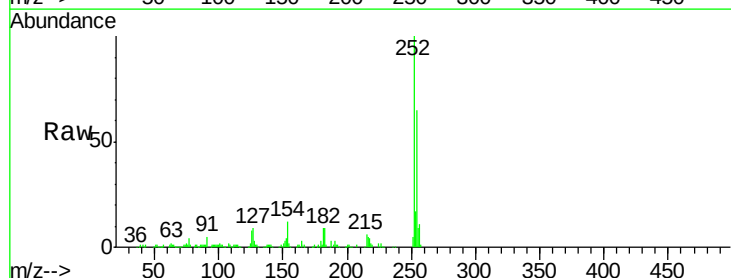
RT: 13.93 min Scan# 1019

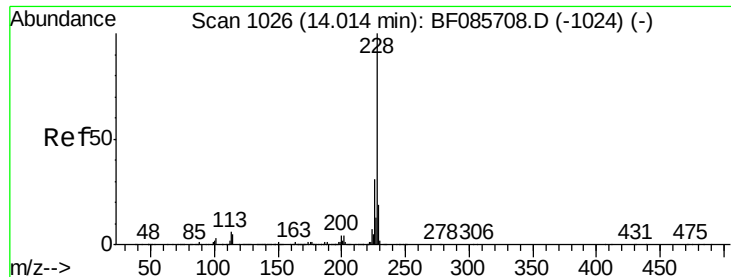
Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	252	Resp:	144721
Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.7	76.1
126	8.4	11.8	17.6#





#82

Chrysene

Concen: 41.96 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

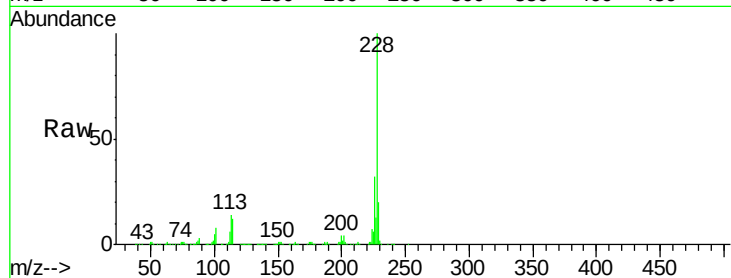
Tgt Ion:228 Resp: 521302

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

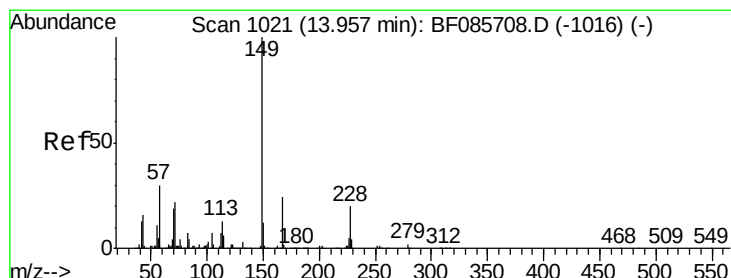
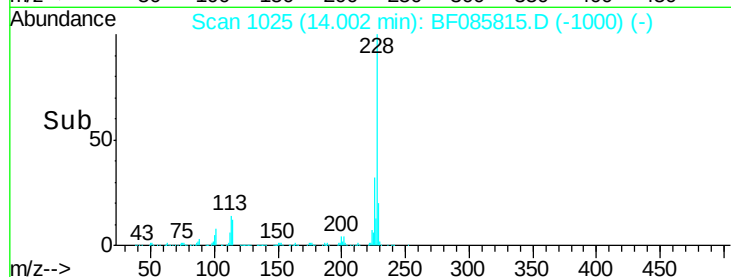
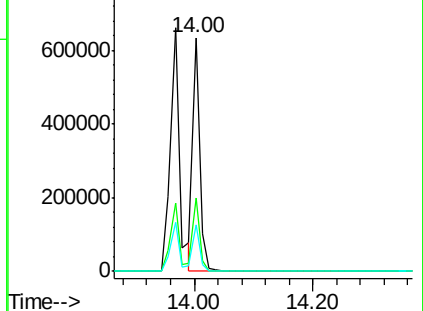
229 19.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.97 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

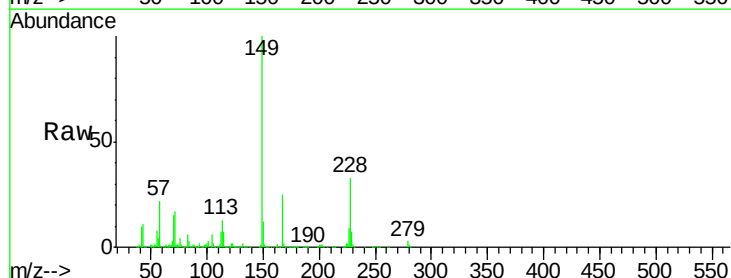
Tgt Ion:149 Resp: 516833

Ion Ratio Lower Upper

149 100

167 25.3 19.4 29.2

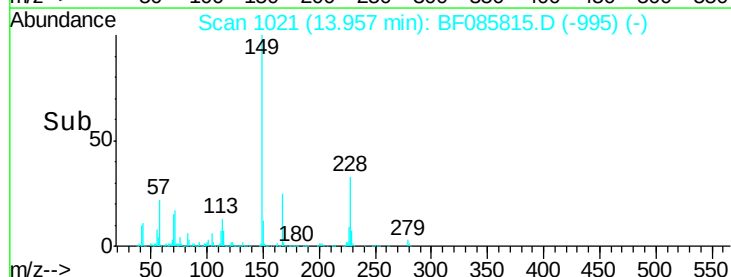
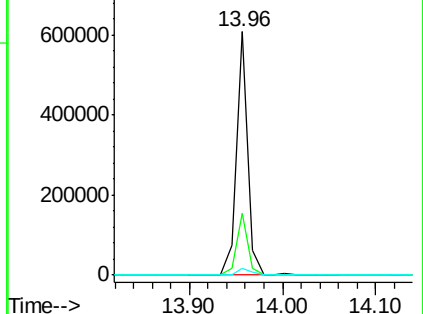
279 2.8 1.5 2.3#

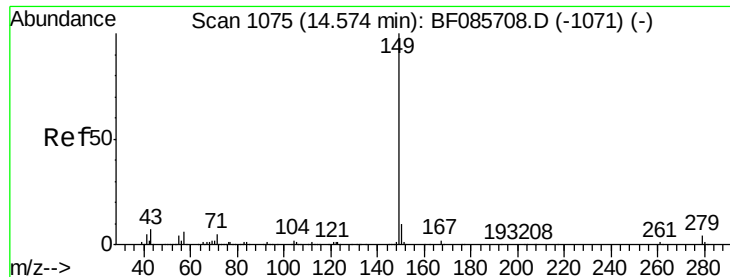


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 56.92 ng

RT: 14.56 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

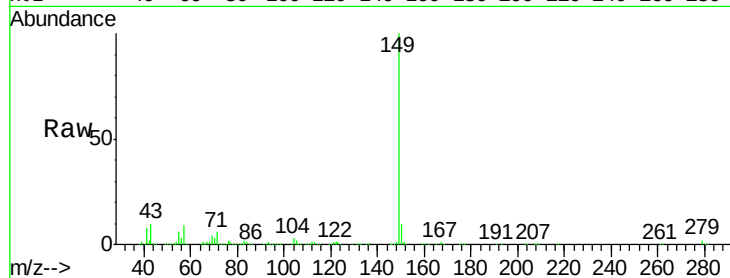
Tgt Ion:149 Resp: 754597

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

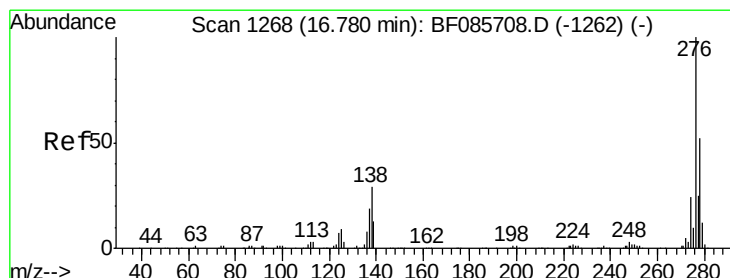
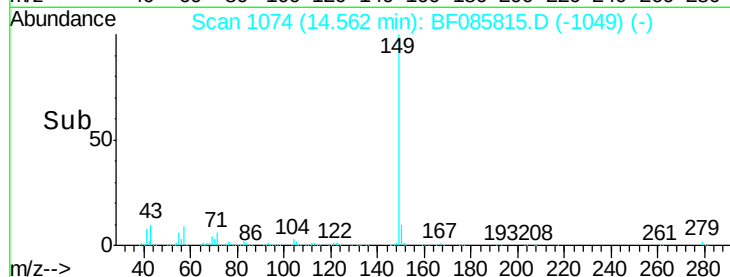
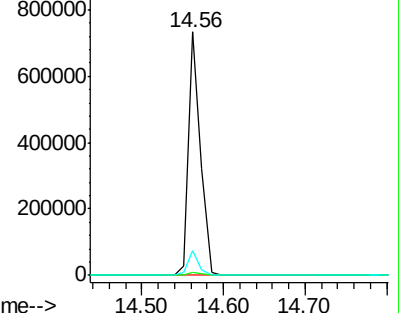
43 8.9 7.1 10.7



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: 72.29 ng

RT: 16.78 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

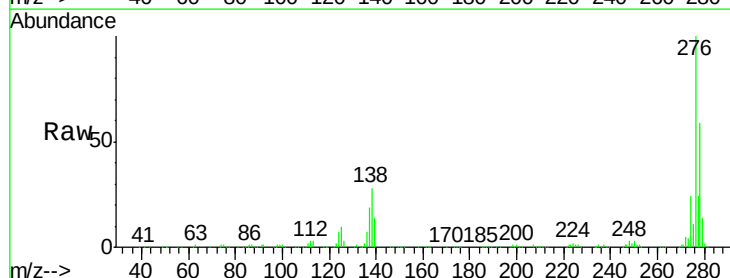
Tgt Ion:276 Resp: 693449

Ion Ratio Lower Upper

276 100

138 29.1 24.2 36.4

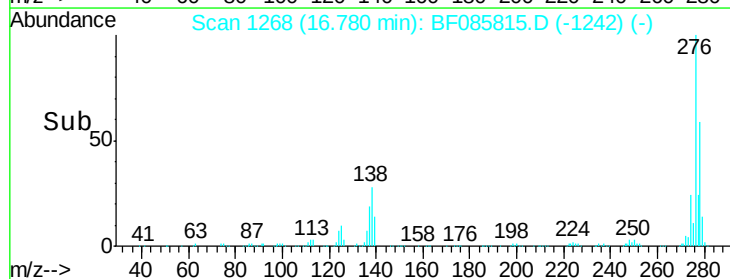
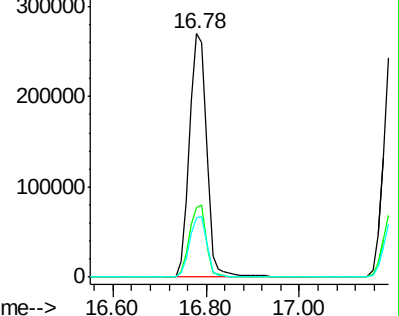
277 24.9 20.0 30.0

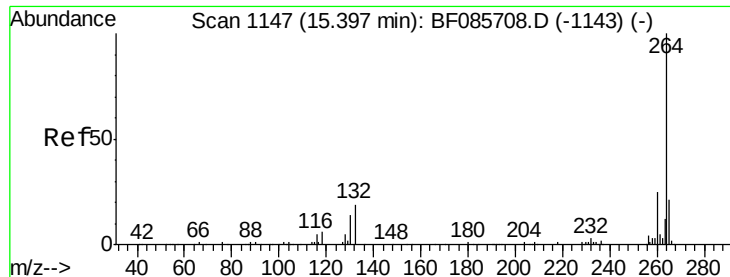


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

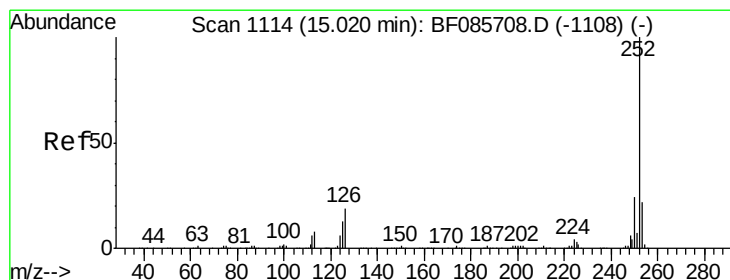
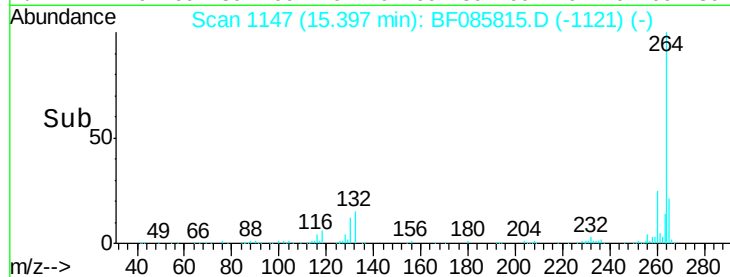
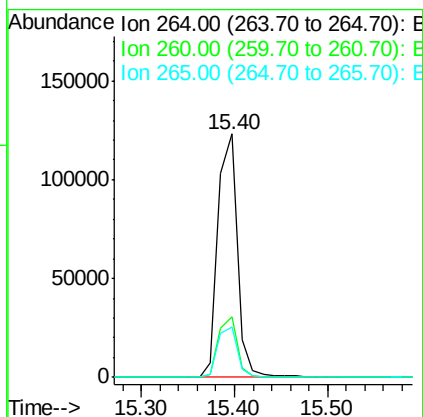
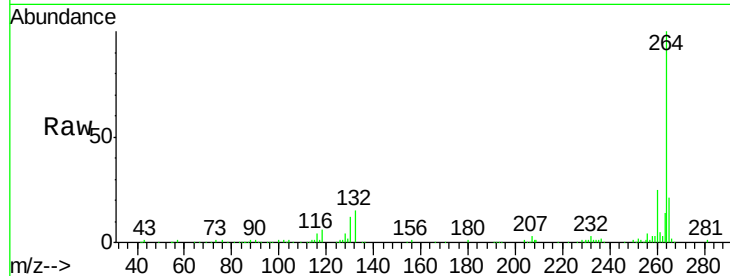




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

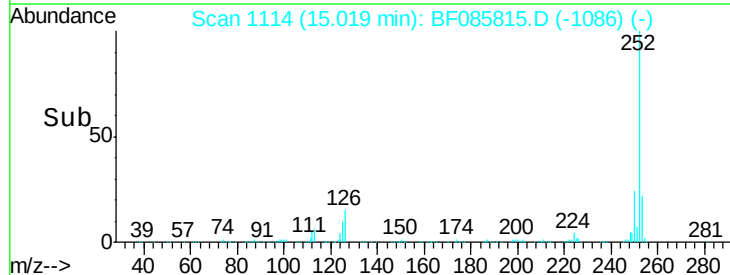
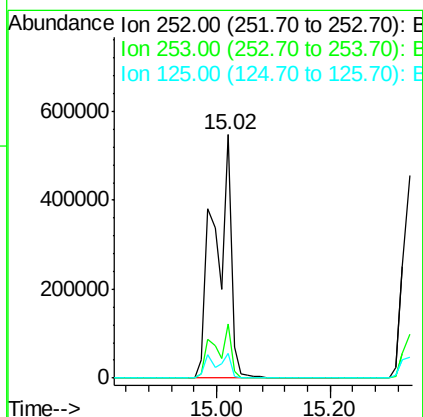
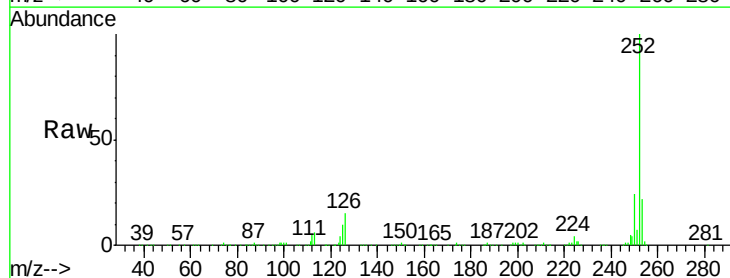
Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS

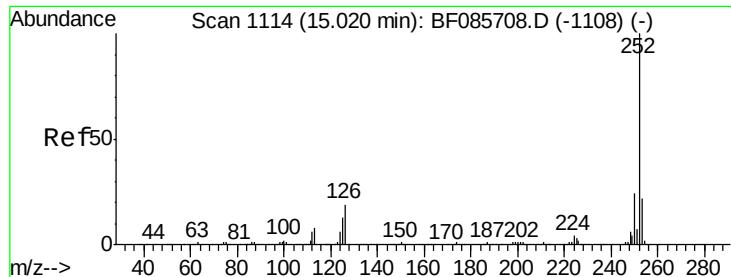
Tgt Ion:264 Resp: 178529
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 20.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 98.28 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion:252 Resp: 1105279
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.9 10.3 15.5#

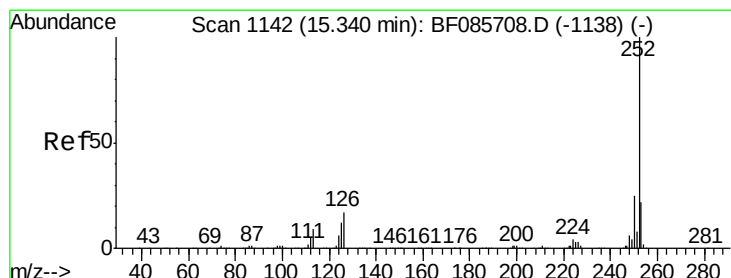
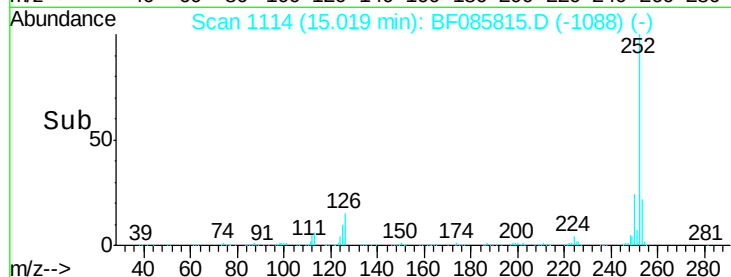
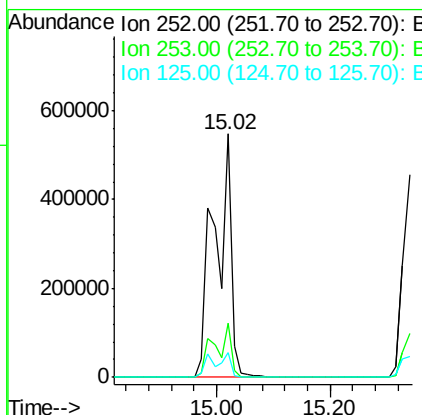
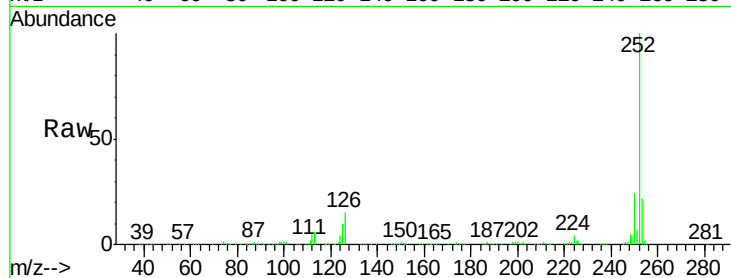




#88
Benzo(k)fluoranthene
Concen: 109.01 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

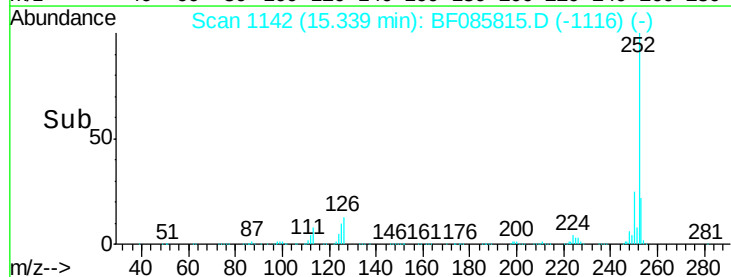
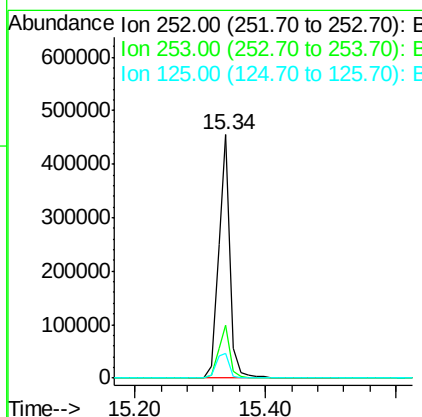
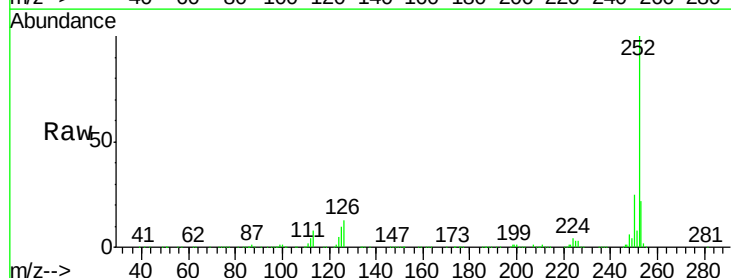
Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS

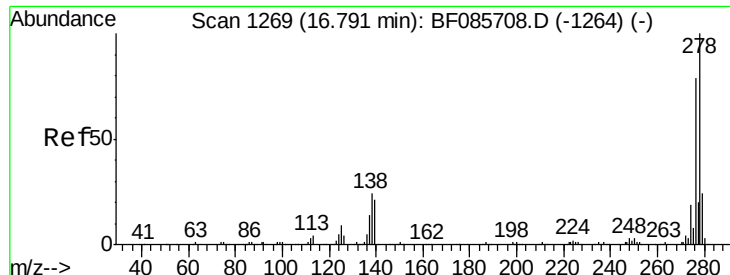
Tgt Ion:252 Resp: 1105279
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.9 7.7 11.5



#89
Benzo(a)pyrene
Concen: 55.59 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion:252 Resp: 555137
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.1 10.3 15.5#





#90

Dibenzo(a,h)anthracene

Concen: 62.31 ng

RT: 16.79 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

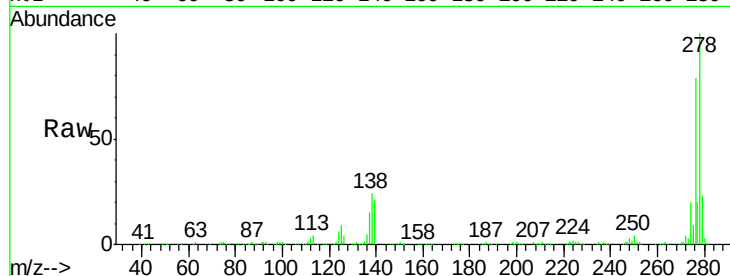
Tgt Ion:278 Resp: 578143

Ion Ratio Lower Upper

278 100

139 20.8 14.4 21.6

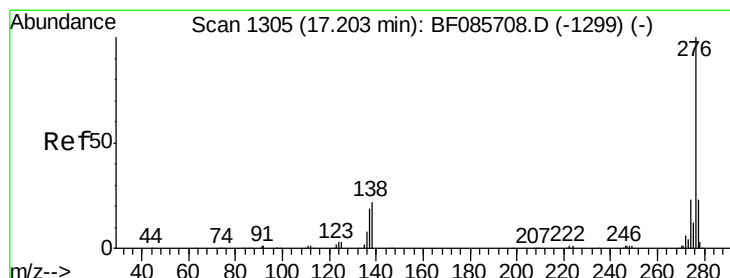
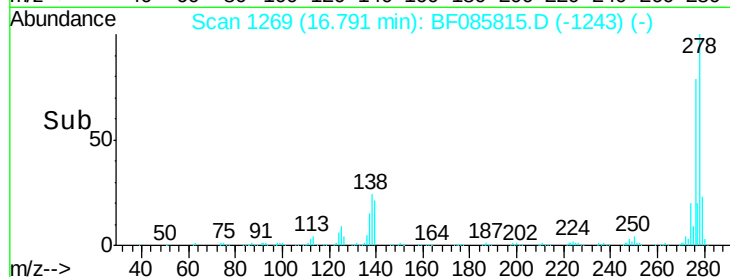
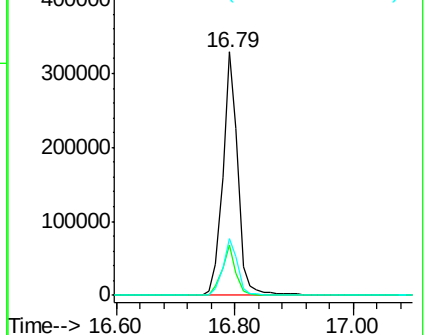
279 23.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 62.78 ng

RT: 17.20 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

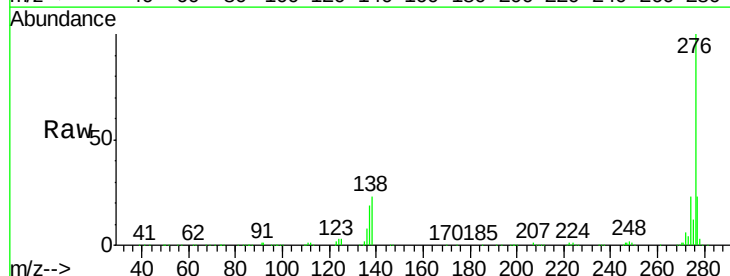
Tgt Ion:276 Resp: 589827

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 22.8 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

