

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089233.D
 Acq On : 23 Jul 2016 12:59
 Operator : UM/SJ
 Sample : H4120-07MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

Quant Time: Jul 25 01:07:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45324	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	195091	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	90904	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	176864	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	109972	20.00	ng	-0.01
86) Perylene-d12	15.05	264	86587	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	230338	77.29	ng	-0.02
7) Phenol-d6	6.24	99	210038	54.65	ng	-0.03
23) Nitrobenzene-d5	7.15	82	353709	96.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	111098	135.74	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	643640	97.56	ng	-0.02
78) Terphenyl-d14	12.67	244	550071	108.49	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	26890	20.78	ng	93
3) Pyridine	2.68	79	53612	16.31	ng	98
4) n-Nitrosodimethylamine	2.65	42	27106	19.59	ng	96
6) Aniline	6.25	93	116577	22.45	ng	# 86
8) 2-Chlorophenol	6.36	128	134872	40.78	ng	91
9) Benzaldehyde	6.12	77	34928	14.72	ng	94
10) Phenol	6.25	94	74965	16.93	ng	# 55
11) bis(2-Chloroethyl)ether	6.33	93	157058	47.23	ng	96
12) 1,3-Dichlorobenzene	6.51	146	137126	37.55	ng	99
13) 1,4-Dichlorobenzene	6.59	146	146430	39.81	ng	98
14) 1,2-Dichlorobenzene	6.75	146	143468	41.37	ng	98
15) Benzyl Alcohol	6.74	79	96696	34.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	170861	45.10	ng	# 55
17) 2-Methylphenol	6.87	107	86224	33.10	ng	95
18) Hexachloroethane	7.08	117	54049	39.10	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	117852	46.89	ng	100
20) 3+4-Methylphenols	7.02	107	109444	30.95	ng	# 70
22) Acetophenone	7.00	105	222576	42.72	ng	# 98
24) Nitrobenzene	7.18	77	167297	43.20	ng	97
25) Isophorone	7.42	82	310345	45.86	ng	100
26) 2-Nitrophenol	7.50	139	75362	41.73	ng	# 78
27) 2,4-Dimethylphenol	7.54	122	107586	35.35	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	192625	45.51	ng	99
29) 2,4-Dichlorophenol	7.74	162	119291	43.50	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	127057	41.85	ng	100
31) Naphthalene	7.88	128	441530	41.93	ng	100
32) Benzoic acid	7.67	122	31405	13.42	ng	90
33) 4-Chloroaniline	7.95	127	108316	24.46	ng	97
34) Hexachlorobutadiene	8.01	225	66558	39.39	ng	96
35) Caprolactam	8.34	113	4876	5.73	ng	90
36) 4-Chloro-3-methylphenol	8.44	107	130380	39.46	ng	89
37) 2-Methylnaphthalene	8.58	142	296211	44.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	120364	35.62	ng	99
40) Hexachlorocyclopentadiene	8.73	237	88413	78.35	ng	99

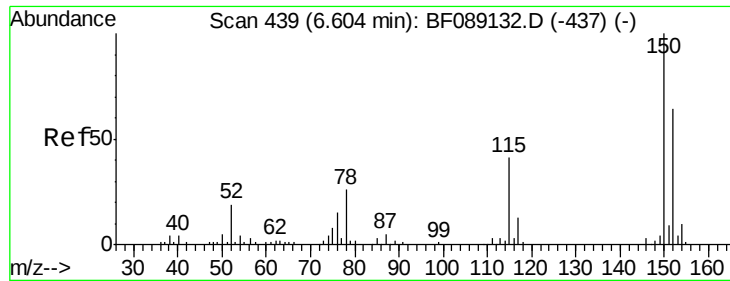
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089233.D
 Acq On : 23 Jul 2016 12:59
 Operator : UM/SJ
 Sample : H4120-07MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

Quant Time: Jul 25 01:07:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	79684	42.14	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	91403	48.15	ng	95
45) 1,1'-Biphenyl	9.05	154	343753	41.99	ng	95
46) 2-Chloronaphthalene	9.06	162	269712	43.36	ng	98
47) 2-Nitroaniline	9.18	65	95260	44.64	ng	# 76
48) Acenaphthylene	9.47	152	425881	43.54	ng	100
49) Dimethylphthalate	9.36	163	360077	51.62	ng	98
50) 2,6-Dinitrotoluene	9.42	165	74284	47.17	ng	# 71
51) Acenaphthene	9.64	154	244694	42.29	ng	99
52) 3-Nitroaniline	9.59	138	51475	27.52	ng	89
53) 2,4-Dinitrophenol	9.70	184	66617	82.63	ng	# 88
54) Dibenzofuran	9.82	168	367022	46.95	ng	96
55) 4-Nitrophenol	9.77	139	35031	30.96	ng	93
56) 2,4-Dinitrotoluene	9.83	165	95419	47.04	ng	# 72
57) Fluorene	10.16	166	304680	45.91	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	58415	42.85	ng	96
59) Diethylphthalate	10.06	149	352747	51.00	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	146097	48.23	ng	# 87
61) 4-Nitroaniline	10.20	138	76161	41.85	ng	93
62) Azobenzene	10.32	77	382119	50.83	ng	89
64) 4,6-Dinitro-2-methylphenol	10.23	198	47455	46.09	ng	# 59
65) n-Nitrosodiphenylamine	10.28	169	282375	47.77	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	80976	46.27	ng	# 87
67) Hexachlorobenzene	10.71	284	86918	46.17	ng	# 91
68) Atrazine	10.81	200	76403	41.33	ng	98
69) Pentachlorophenol	10.90	266	81637	94.00	ng	99
70) Phenanthrene	11.11	178	428022	44.12	ng	99
71) Anthracene	11.17	178	493756	48.96	ng	99
72) Carbazole	11.33	167	438009	49.45	ng	100
73) Di-n-butylphthalate	11.67	149	567949	51.84	ng	98
74) Fluoranthene	12.29	202	443956	43.53	ng	99
76) Benzidine	12.42	184	121734	32.20	ng	98
77) Pyrene	12.51	202	459595	50.60	ng	100
79) Butylbenzylphthalate	13.14	149	210496	54.79	ng	93
80) Benzo(a)anthracene	13.70	228	332483	47.47	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	86001	37.02	ng	98
82) Chrysene	13.74	228	356625	53.31	ng	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	290350	56.98	ng	# 95
84) Di-n-octyl phthalate	14.32	149	438206	52.12	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	257945	53.08	ng	99
87) Benzo(b)fluoranthene	14.72	252	543474	86.66	ng	# 94
88) Benzo(k)fluoranthene	14.72	252	543481	121.19	ng	# 99
89) Benzo(a)pyrene	14.99	252	245671	50.46	ng	99
90) Dibenzo(a,h)anthracene	16.29	278	217031	56.46	ng	99
91) Benzo(g,h,i)perylene	16.63	276	220825	56.98	ng	97

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

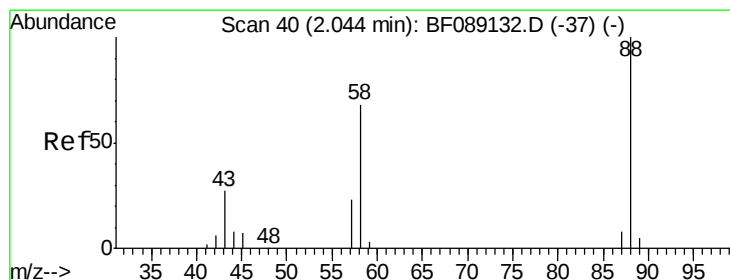
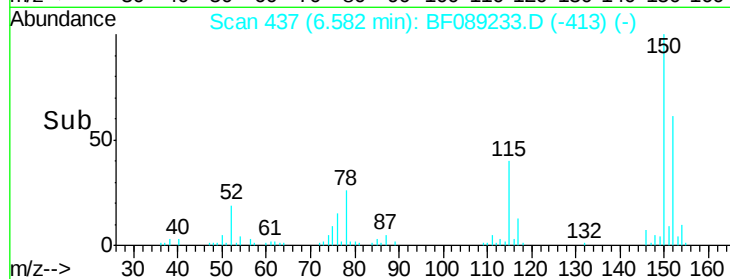
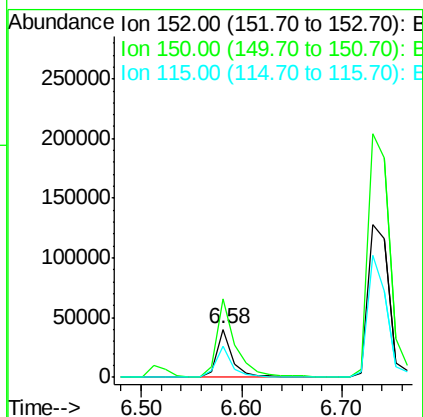
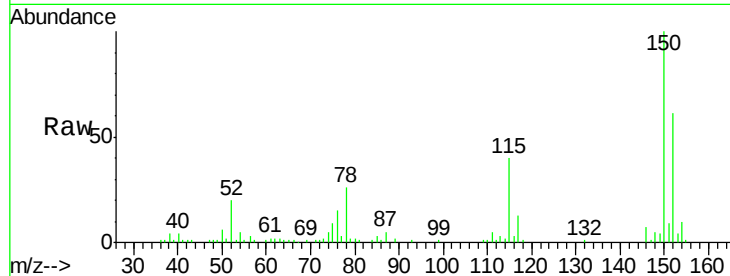


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

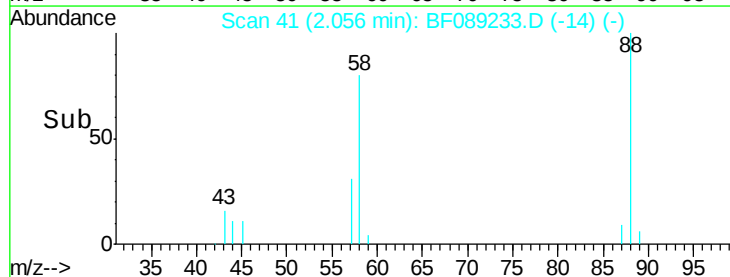
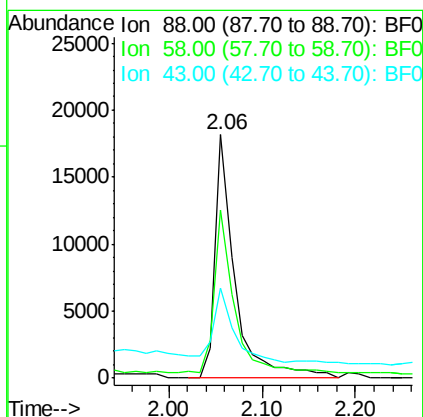
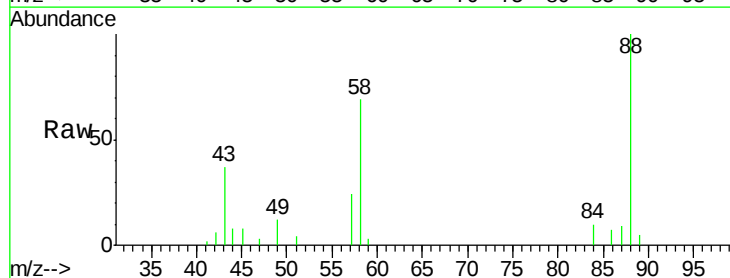
Tgt Ion:152 Resp: 45324
Ion Ratio Lower Upper
152 100
150 163.5 125.1 187.7
115 65.2 51.1 76.7



#2

1,4-Dioxane
Concen: 20.78 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 88 Resp: 26890
Ion Ratio Lower Upper
88 100
58 66.9 49.2 73.8
43 28.9 20.6 30.8





#3

Pyridine

Concen: 16.31 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

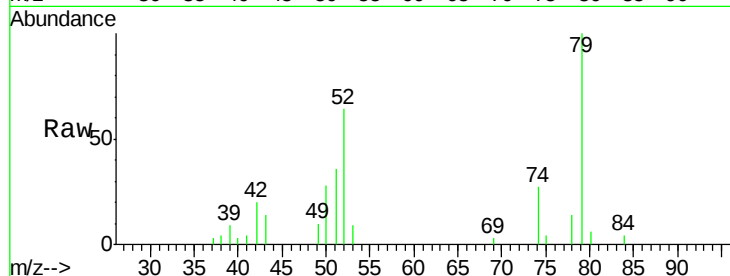
Tgt Ion: 79 Resp: 53612

Ion Ratio Lower Upper

79 100

52 64.4 52.9 79.3

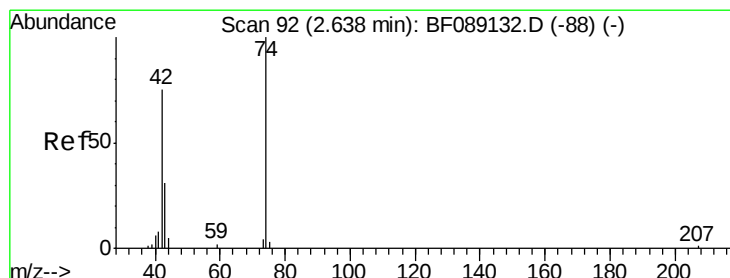
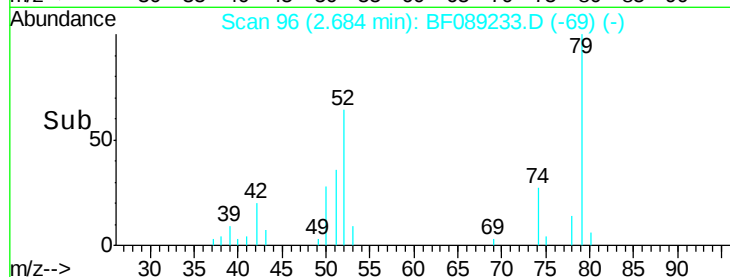
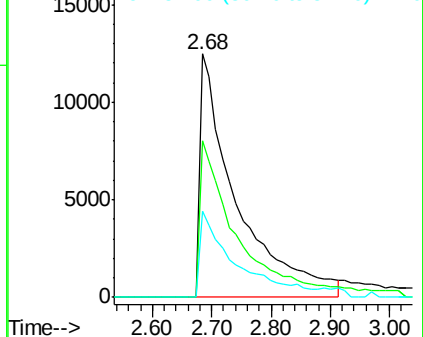
51 35.6 27.0 40.6



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: 19.59 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

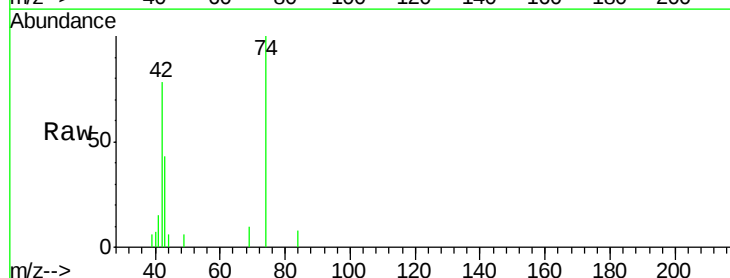
Tgt Ion: 42 Resp: 27106

Ion Ratio Lower Upper

42 100

74 128.4 106.4 159.6

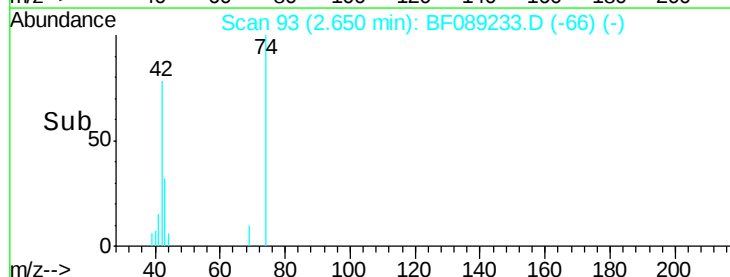
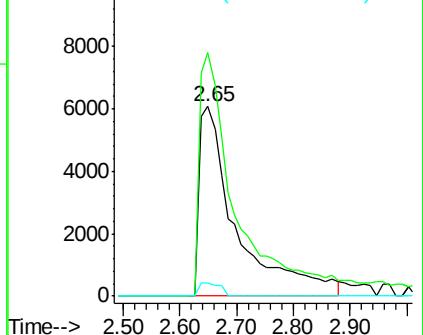
44 7.2 5.2 7.8

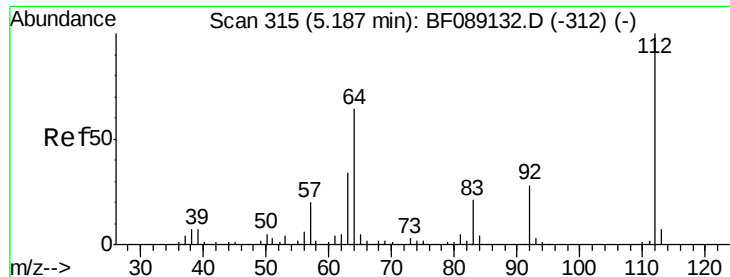


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.29 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

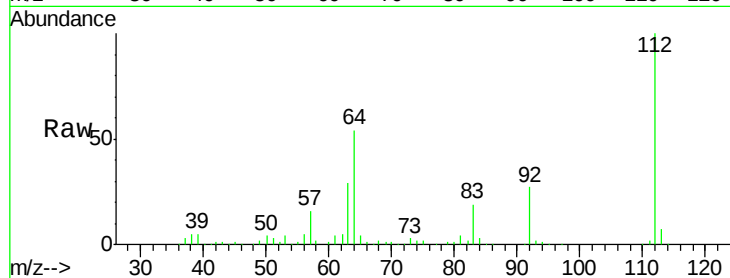
Tgt Ion: 112 Resp: 230338

Ion Ratio Lower Upper

112 100

64 53.7 51.0 76.4

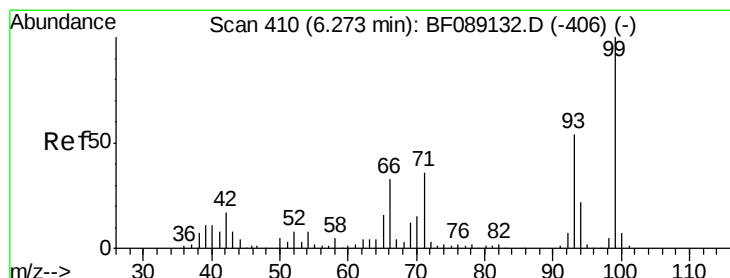
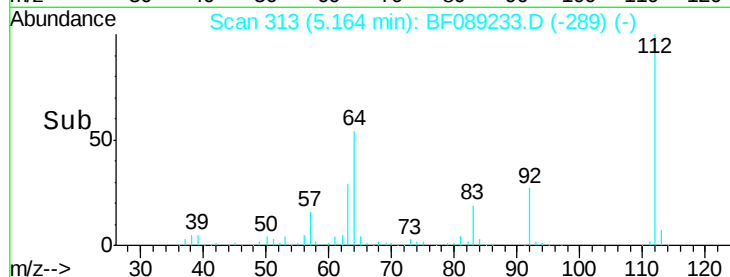
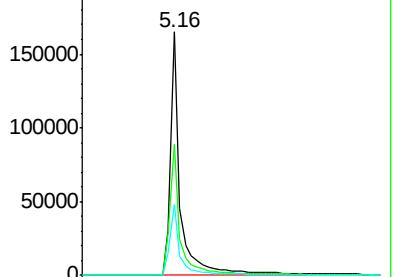
63 29.0 27.3 40.9



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: 22.45 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

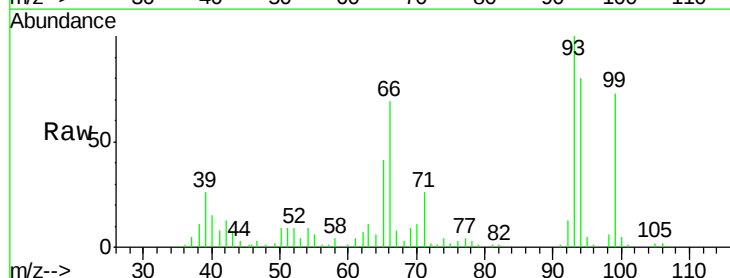
Tgt Ion: 93 Resp: 116577

Ion Ratio Lower Upper

93 100

66 69.4 48.9 73.3

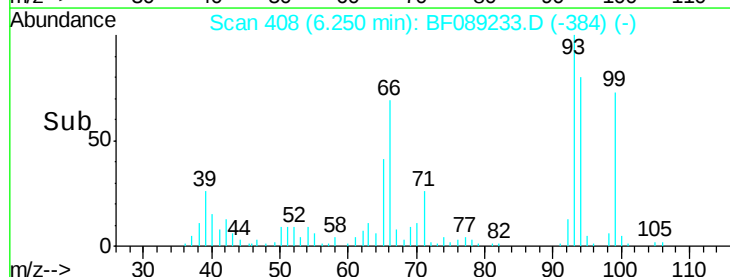
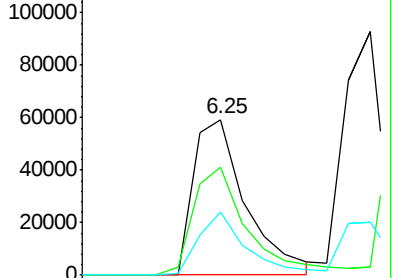
65 40.7 23.9 35.9#

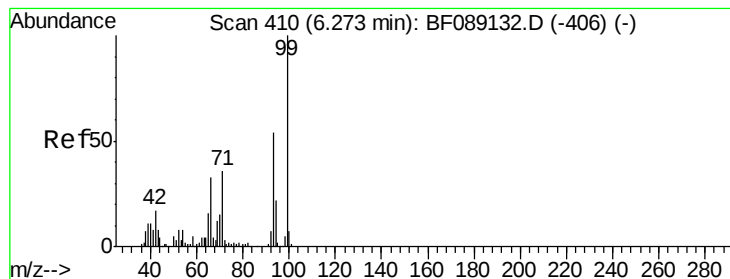


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 54.65 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

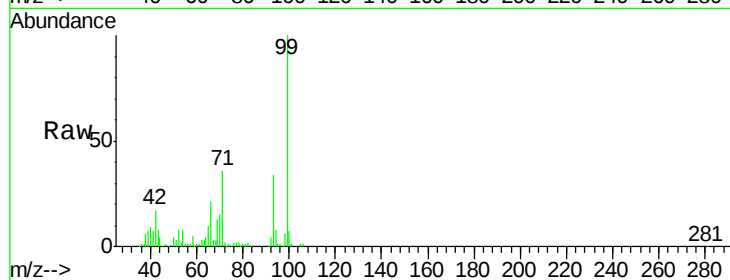
Tgt Ion: 99 Resp: 210038

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

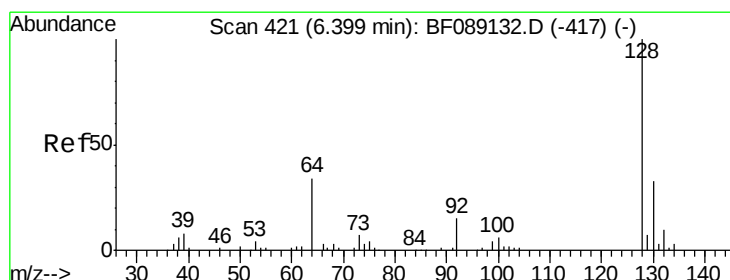
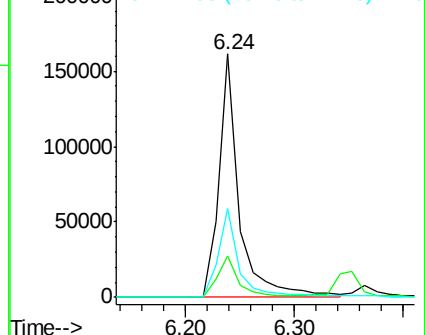
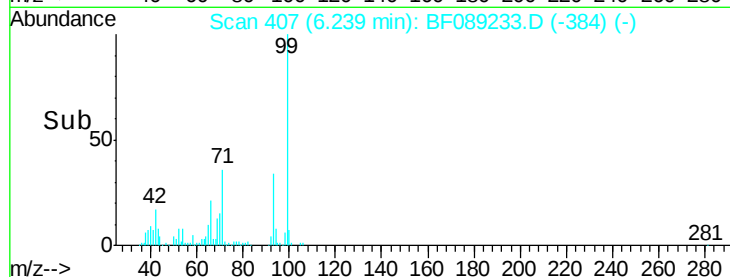
71 36.2 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.78 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

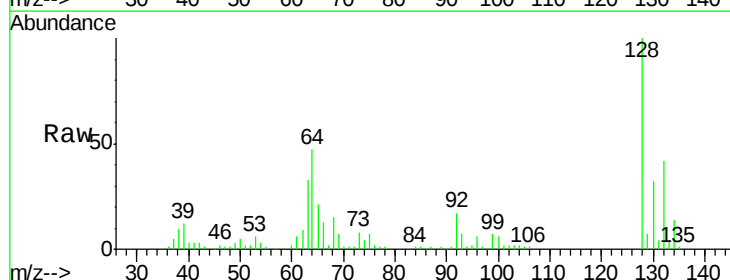
Tgt Ion: 128 Resp: 134872

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

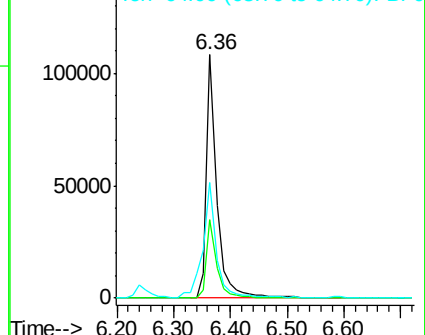
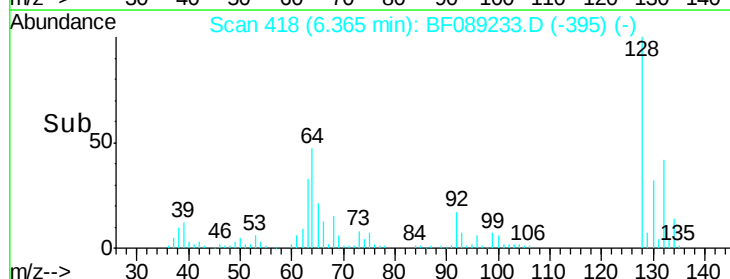
64 47.4 17.5 57.5

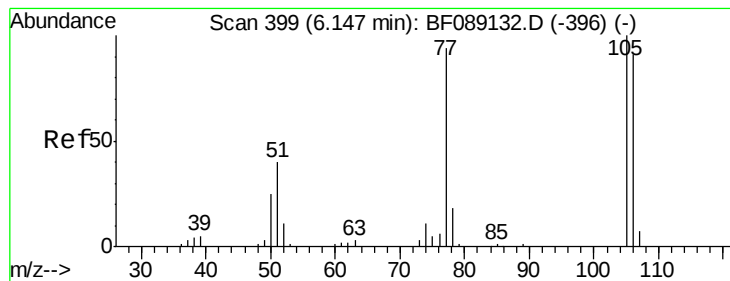


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.72 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

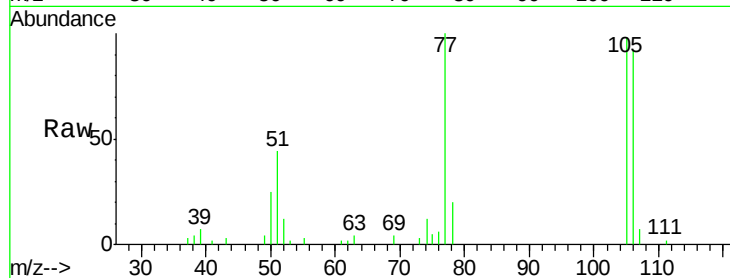
Tgt Ion: 77 Resp: 34928

Ion Ratio Lower Upper

77 100

105 97.8 86.2 126.2

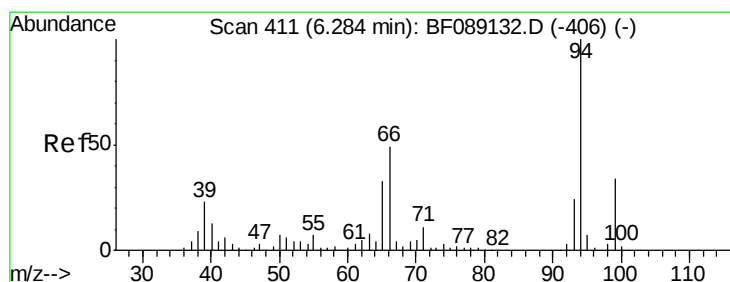
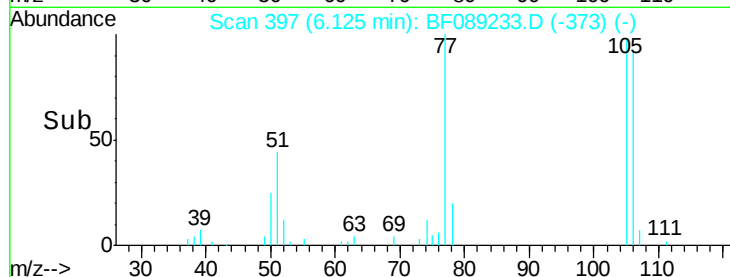
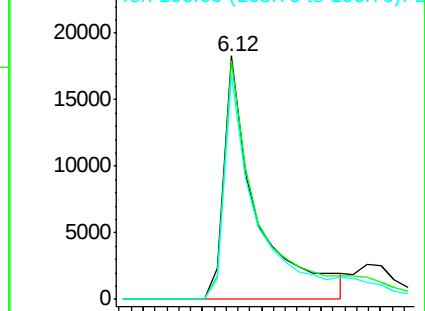
106 92.3 76.3 116.3



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: 16.93 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

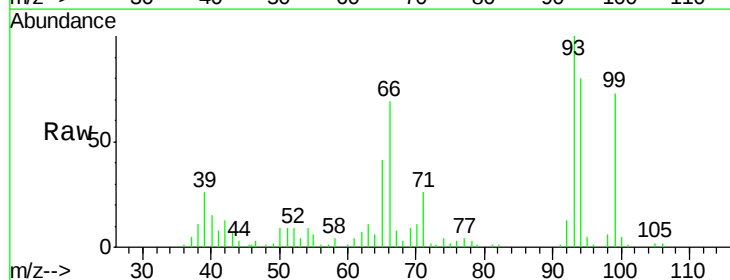
Tgt Ion: 94 Resp: 74965

Ion Ratio Lower Upper

94 100

65 50.6 13.3 53.3

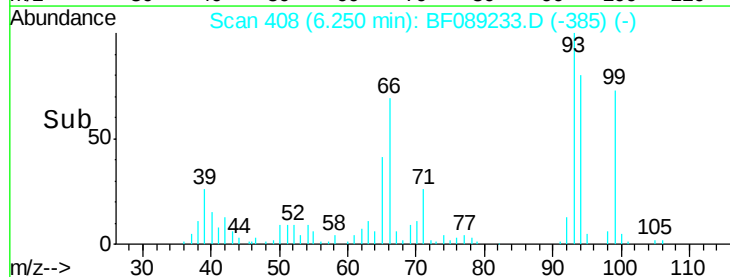
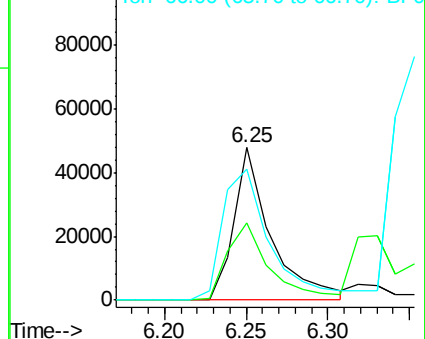
66 86.3 29.3 69.3#

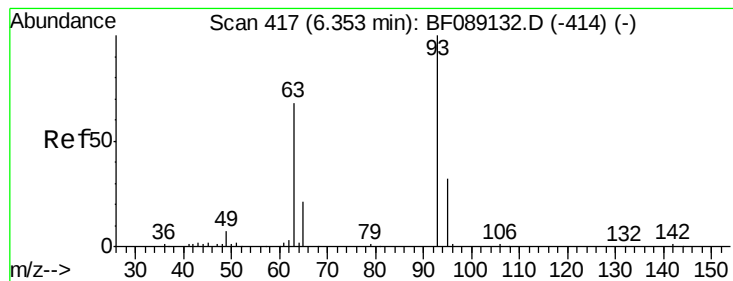


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.23 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

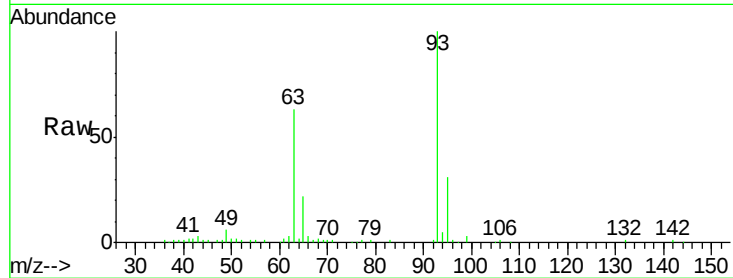
Tgt Ion: 93 Resp: 157058

Ion Ratio Lower Upper

93 100

63 63.2 47.3 87.3

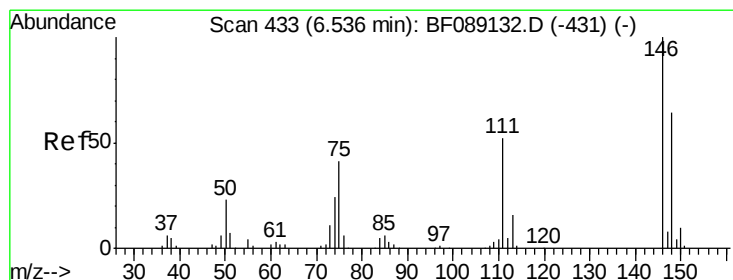
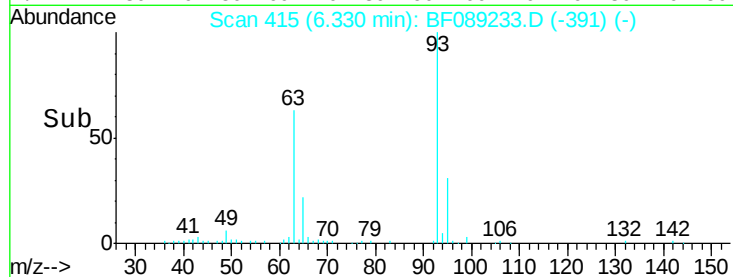
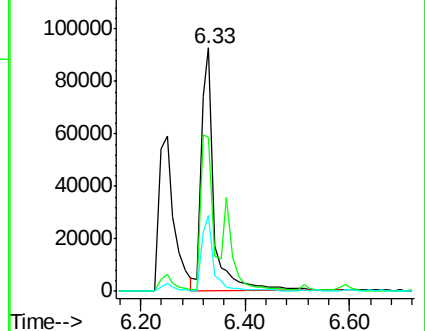
95 31.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.55 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

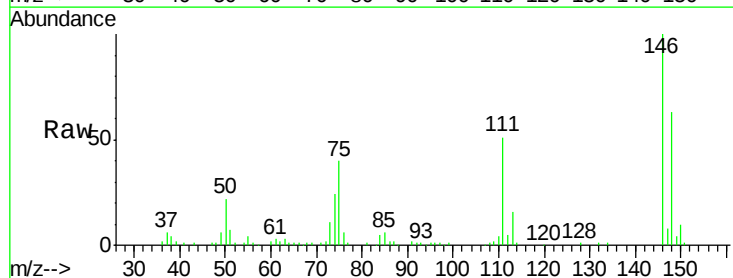
Tgt Ion: 146 Resp: 137126

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

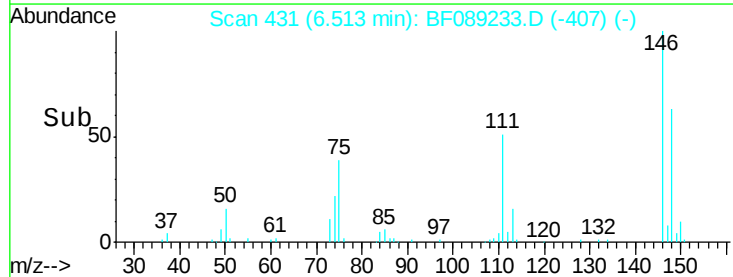
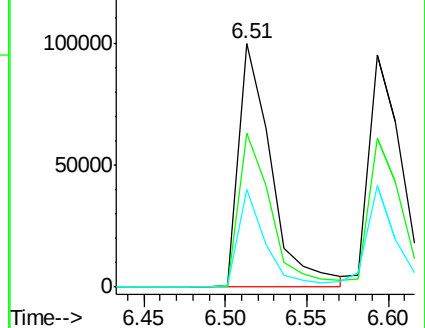
75 40.2 32.5 48.7

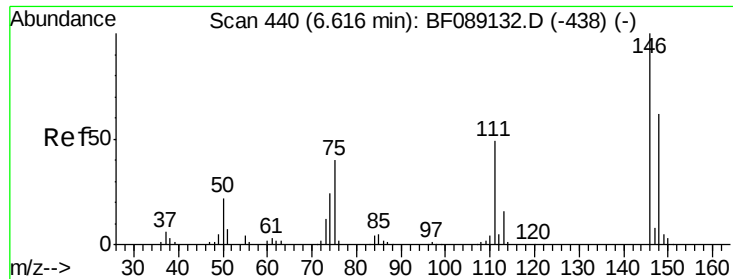


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

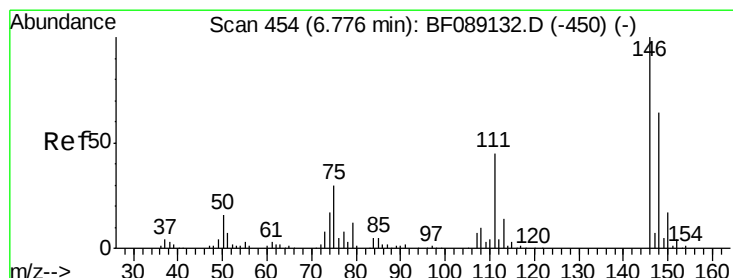
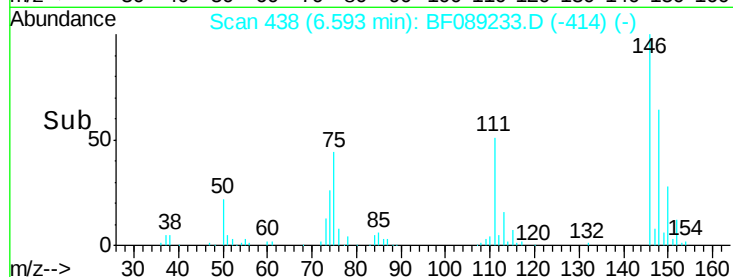
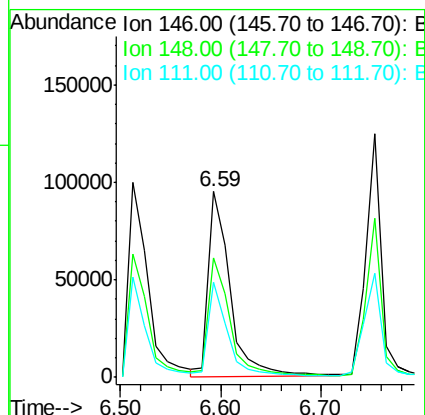
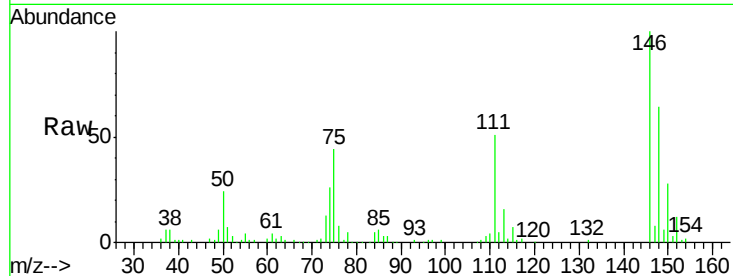




#13
 1,4-Dichlorobenzene
 Concen: 39.81 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

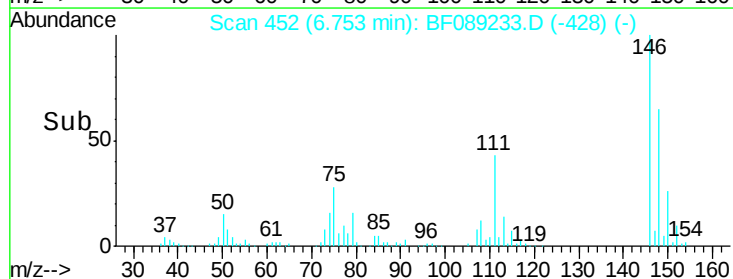
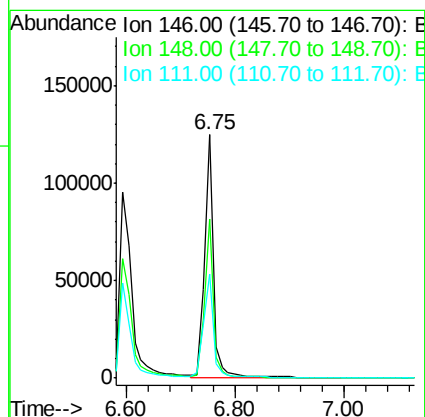
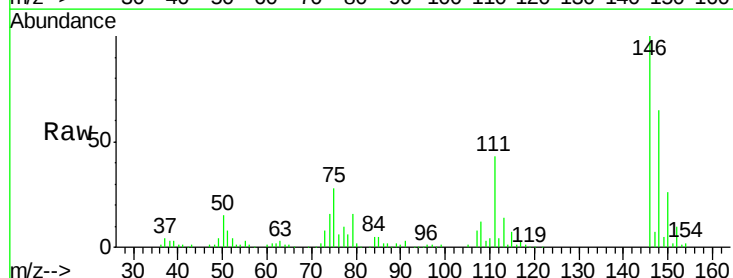
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

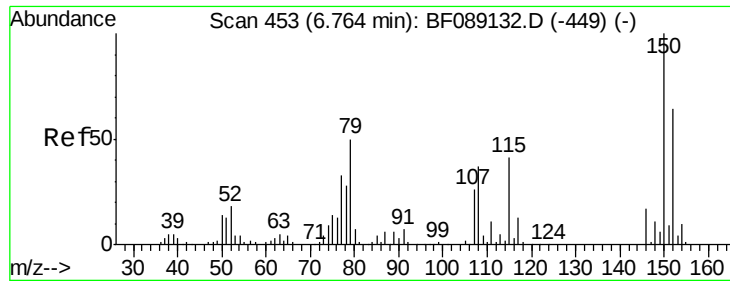
Tgt Ion:146 Resp: 146430
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.9 74.9
 111 51.2 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 41.37 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:146 Resp: 143468
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.4 77.0
 111 42.9 35.9 53.9

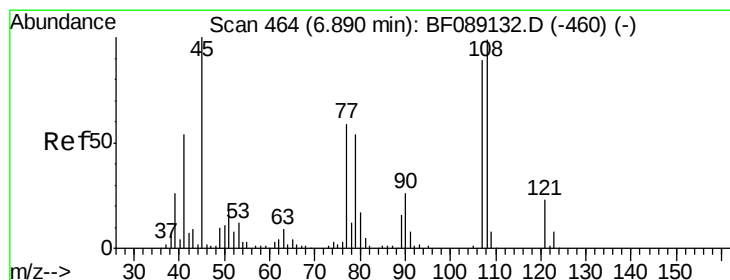
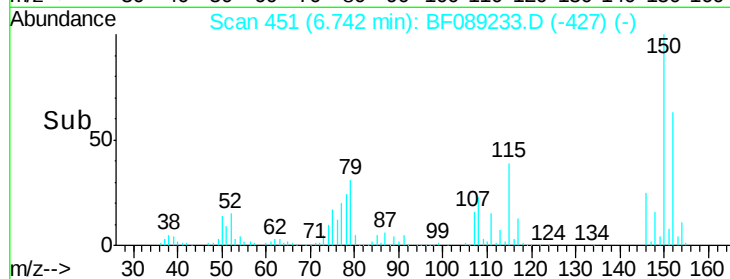
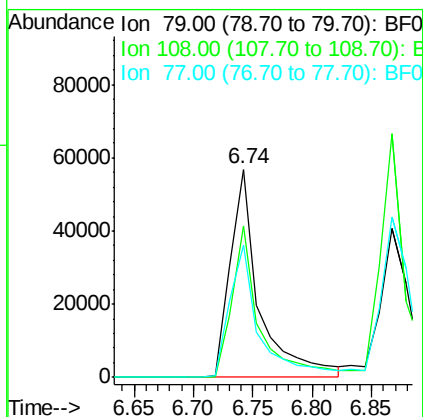
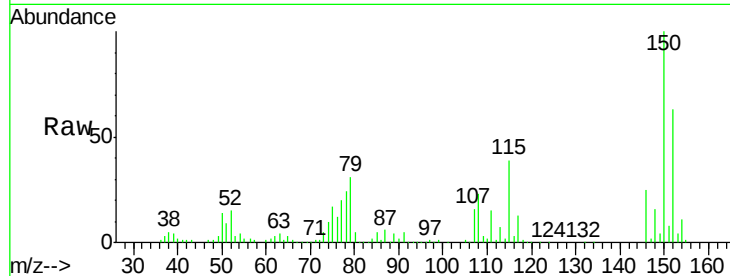




#15
Benzyl Alcohol
Concen: 34.36 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

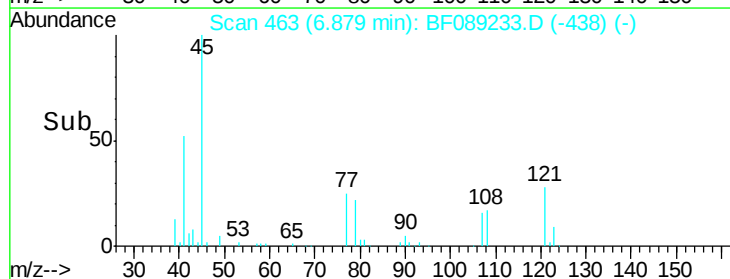
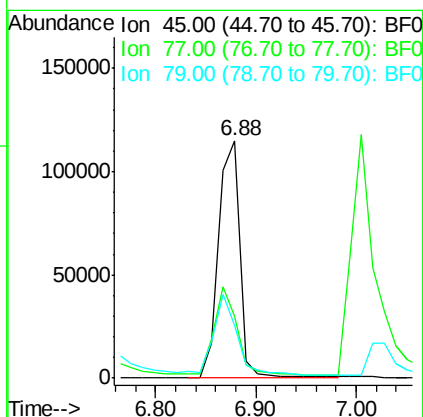
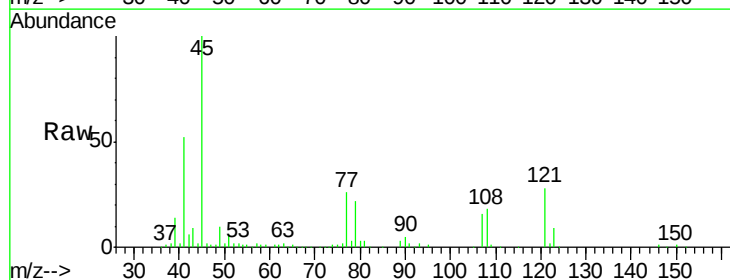
Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

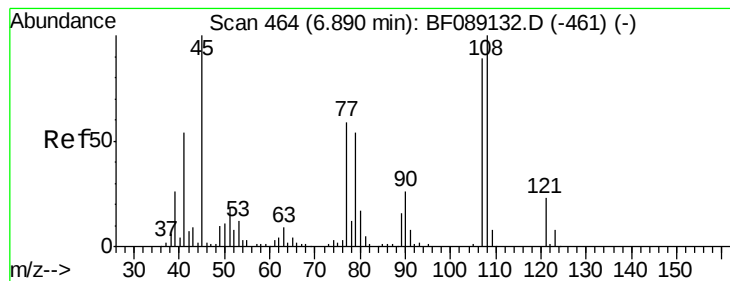
Tgt Ion: 79 Resp: 96696
Ion Ratio Lower Upper
79 100
108 72.8 58.2 87.4
77 63.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.10 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 45 Resp: 170861
Ion Ratio Lower Upper
45 100
77 25.9 39.7 79.7#
79 22.2 34.7 74.7#





#17

2-Methylphenol

Concen: 33.10 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

Tgt Ion:107 Resp: 86224

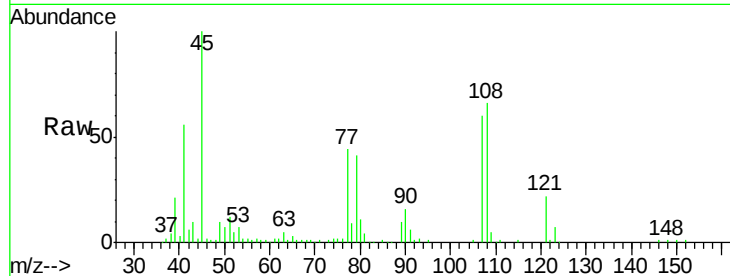
Ion Ratio Lower Upper

107 100

108 110.8 89.4 134.2

77 73.3 53.4 80.0

79 67.8 49.0 73.4

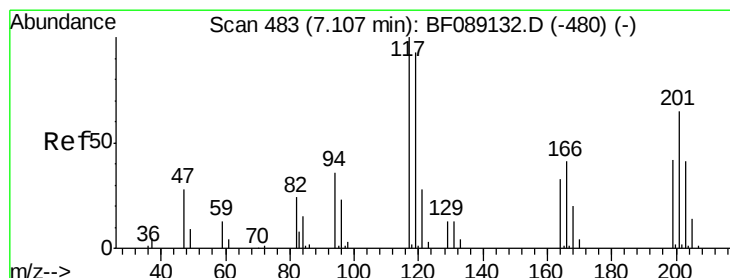
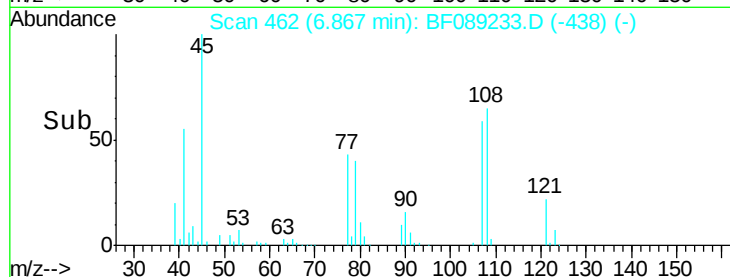
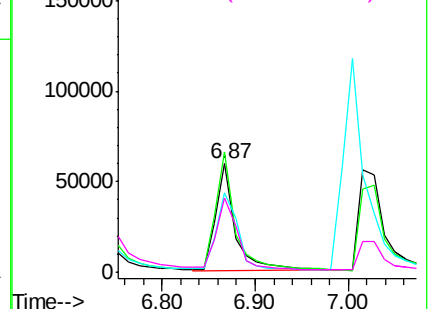


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.10 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

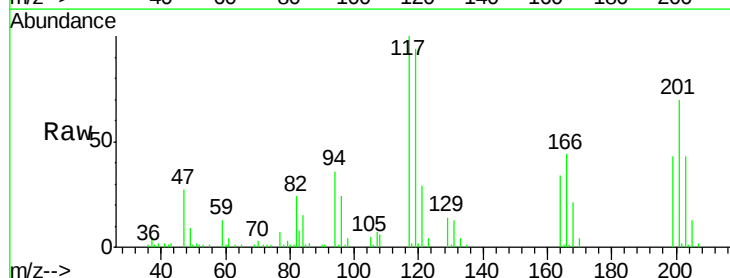
Tgt Ion:117 Resp: 54049

Ion Ratio Lower Upper

117 100

119 94.3 74.5 111.7

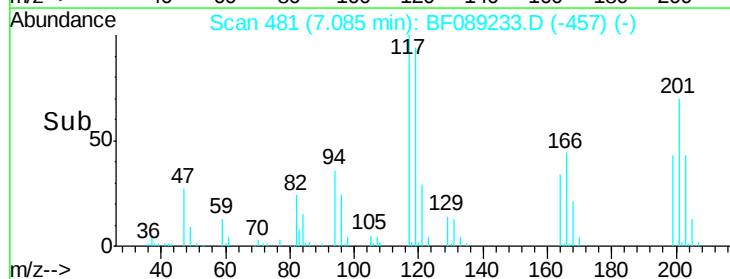
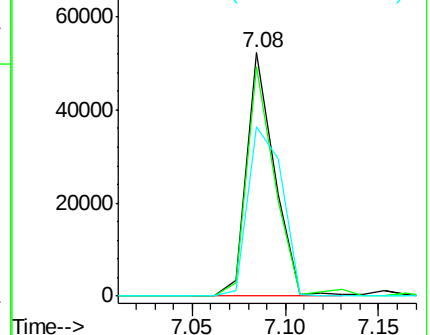
201 69.8 51.8 77.6

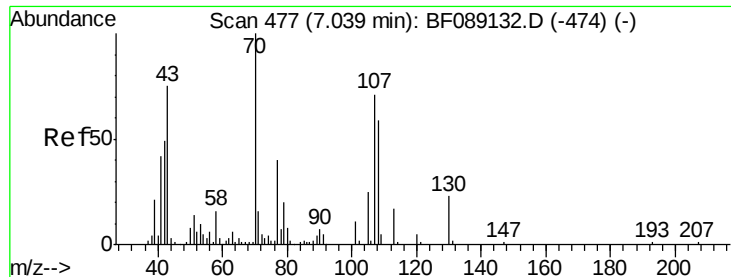


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

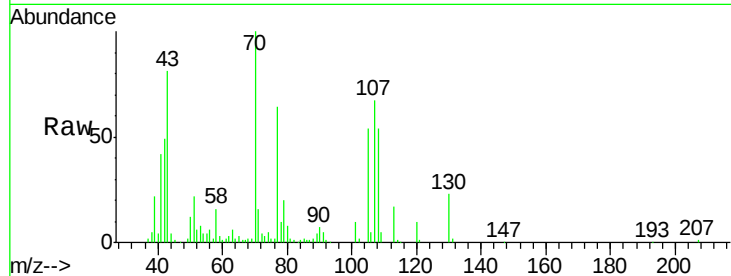




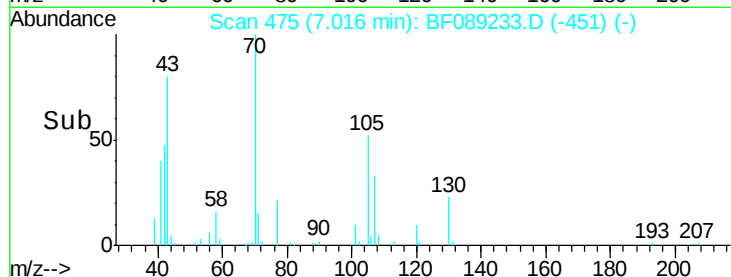
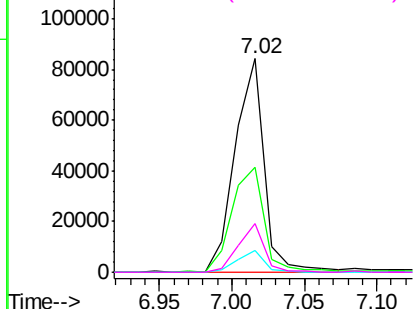
#19
n-Nitroso-di-n-propylamine
Concen: 46.89 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

Tgt Ion: 70 Resp: 117852
Ion Ratio Lower Upper
70 100
42 49.0 39.2 58.8
101 10.5 8.5 12.7
130 23.0 18.4 27.6



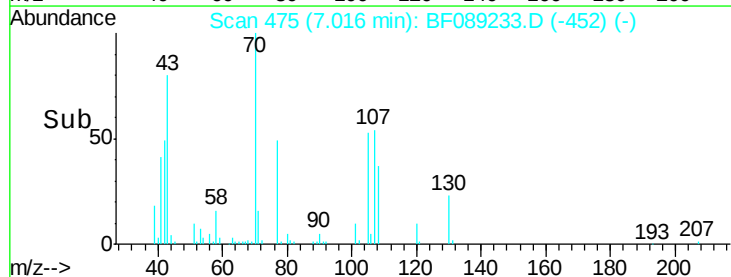
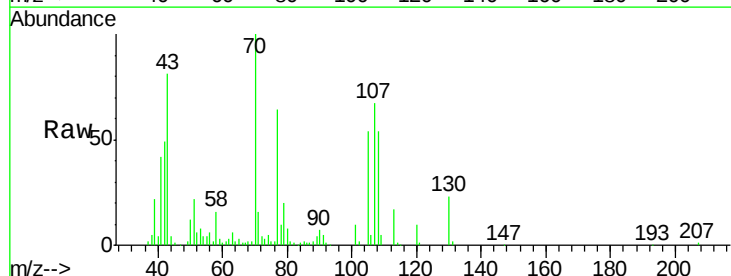
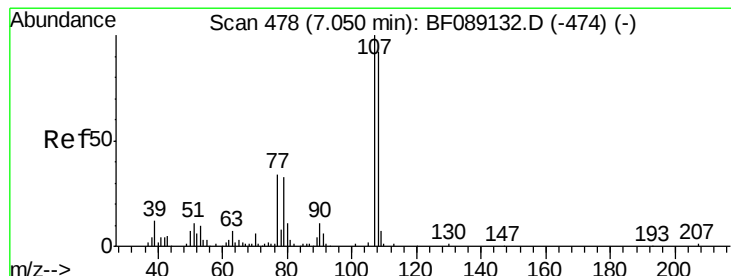
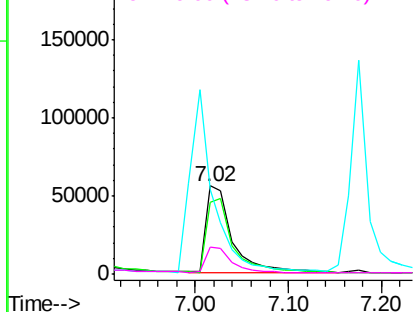
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

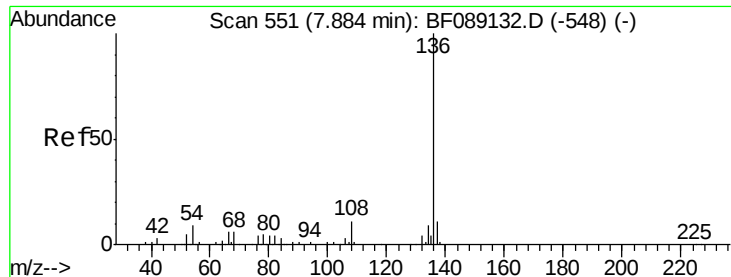


#20
3+4-Methylphenols
Concen: 30.95 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 107 Resp: 109444
Ion Ratio Lower Upper
107 100
108 81.5 72.5 112.5
77 95.6 17.7 57.7#
79 30.6 12.9 52.9

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: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

Tgt Ion:136 Resp: 195091

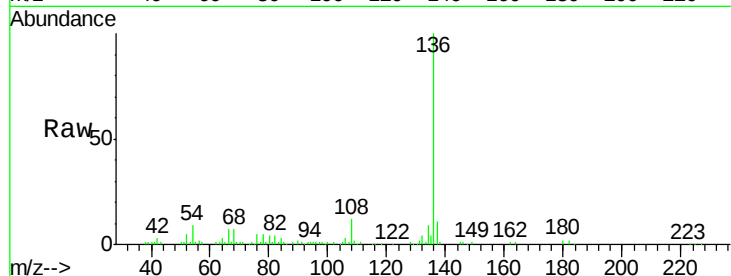
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.2 7.0 10.4

68 6.5 5.0 7.6

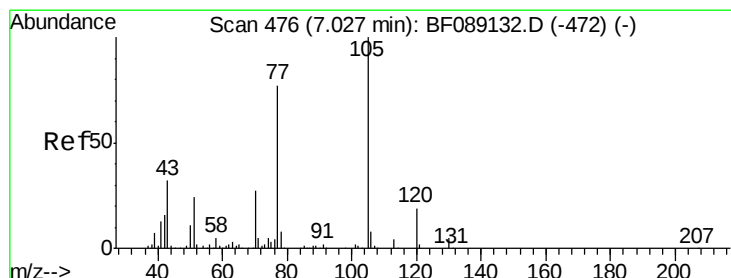
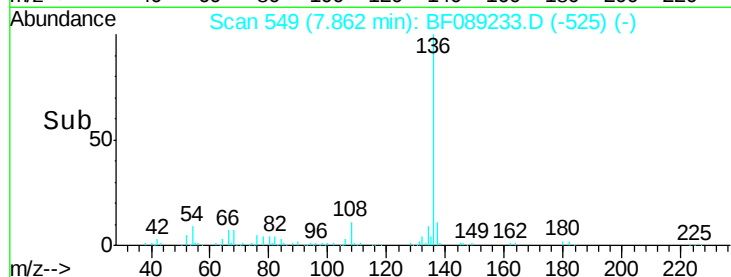
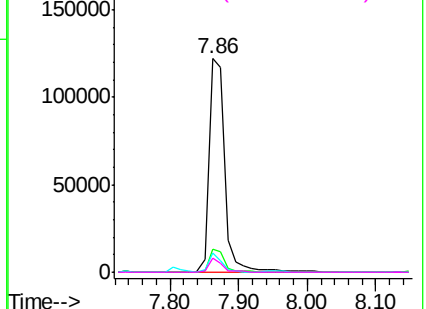


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.72 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:105 Resp: 222576

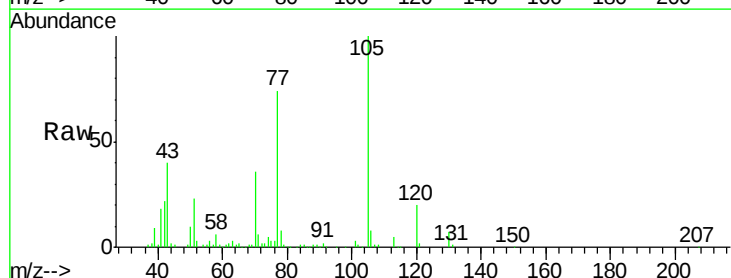
Ion Ratio Lower Upper

105 100

71 6.5 3.8 5.6#

51 23.1 19.6 29.4

120 19.9 15.5 23.3

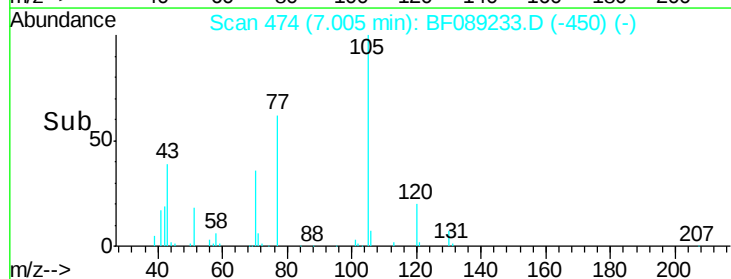
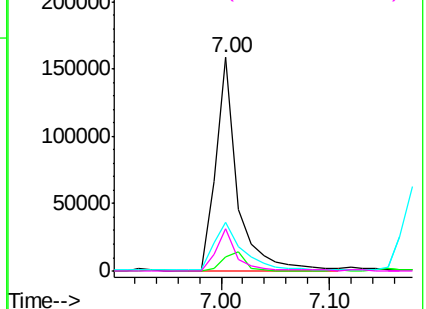


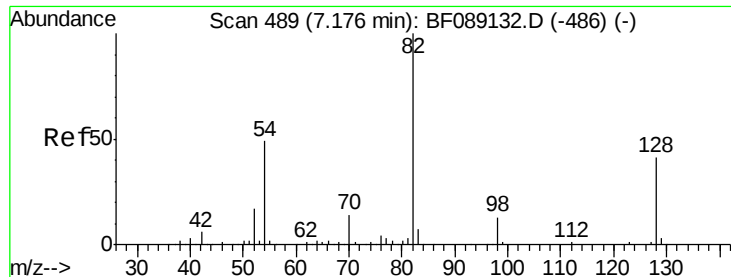
Abundance Ion 105.00 (104.70 to 105.70): E

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

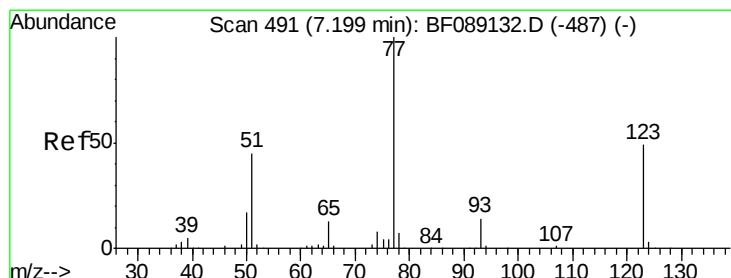
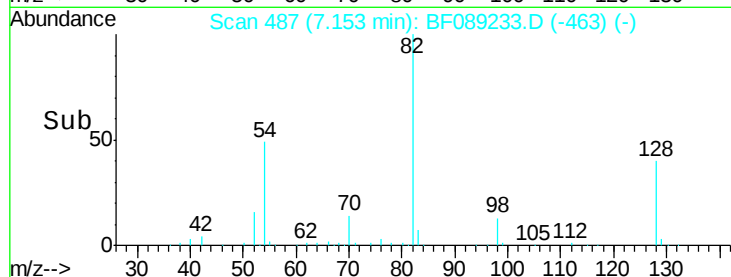
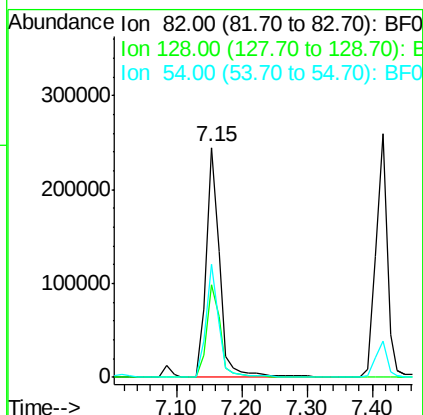
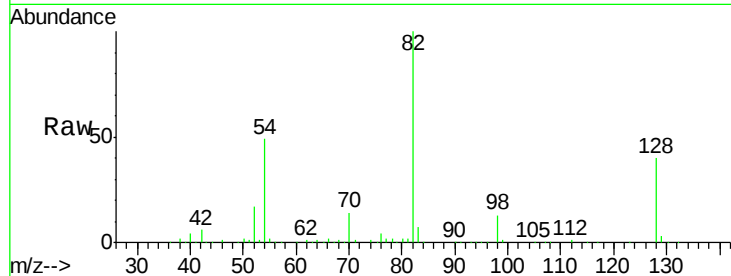




#23
 Nitrobenzene-d5
 Concen: 96.33 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

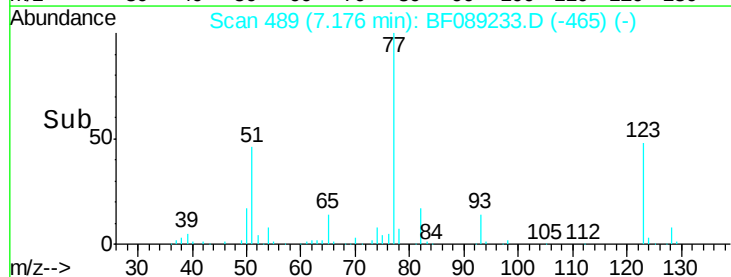
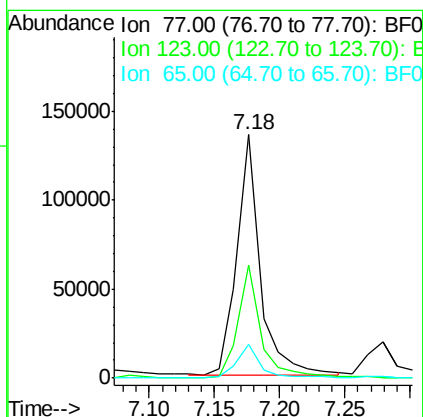
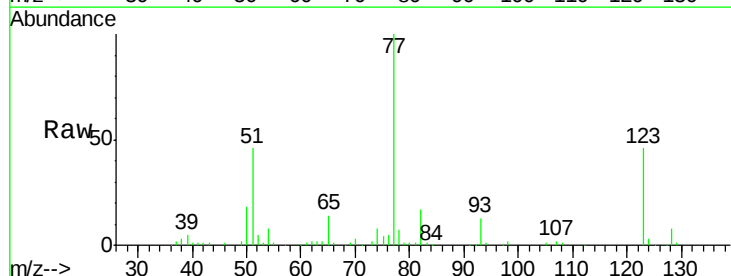
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.OMS

Tgt Ion: 82 Resp: 353709
 Ion Ratio Lower Upper
 82 100
 128 40.4 33.0 49.6
 54 49.1 39.0 58.4



#24
 Nitrobenzene
 Concen: 43.20 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion: 77 Resp: 167297
 Ion Ratio Lower Upper
 77 100
 123 46.5 38.9 58.3
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 45.86 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

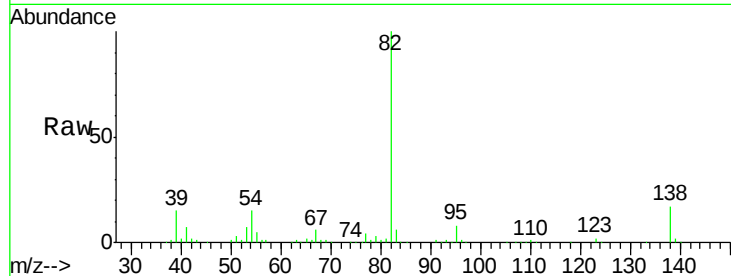
Tgt Ion: 82 Resp: 310345

Ion Ratio Lower Upper

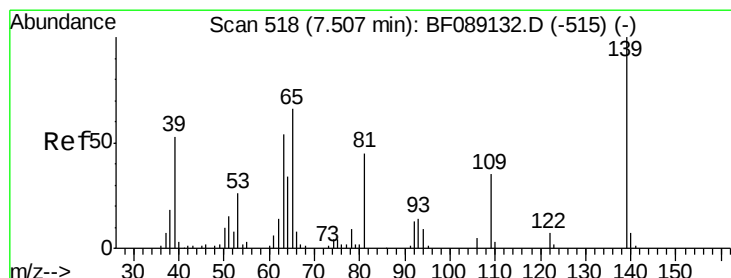
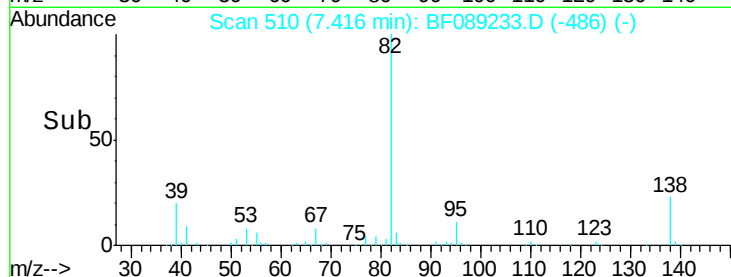
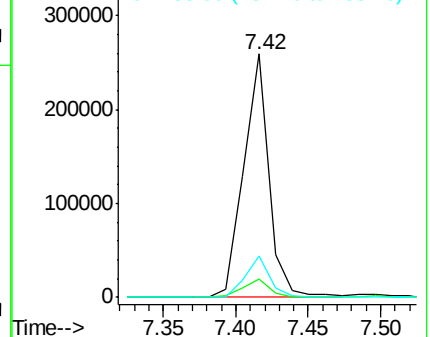
82 100

95 7.8 6.1 9.1

138 16.9 13.6 20.4



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



#26

2-Nitrophenol

Concen: 41.73 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

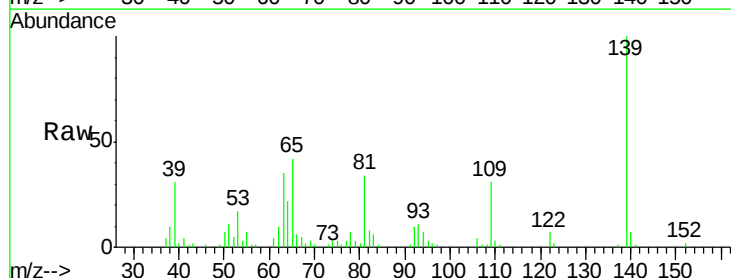
Tgt Ion: 139 Resp: 75362

Ion Ratio Lower Upper

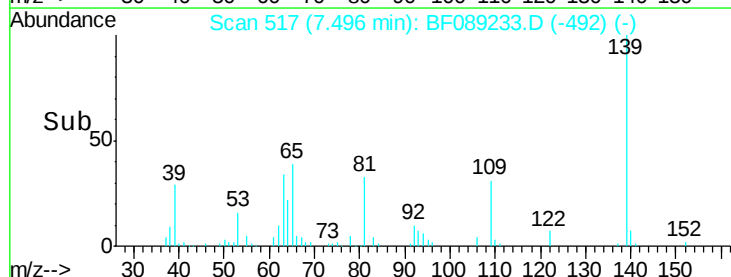
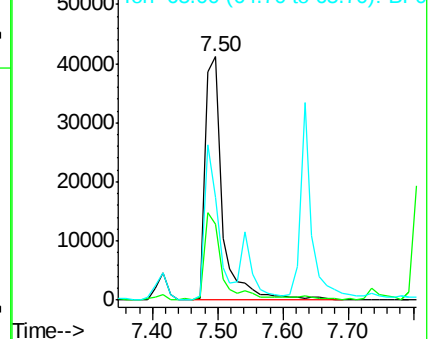
139 100

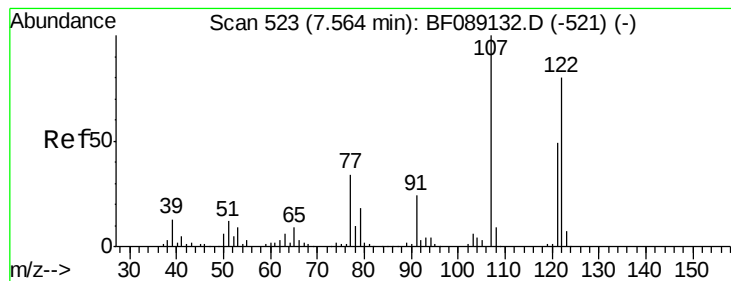
109 31.4 28.1 42.1

65 42.0 52.7 79.1#



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





#27

2,4-Dimethylphenol

Concen: 35.35 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

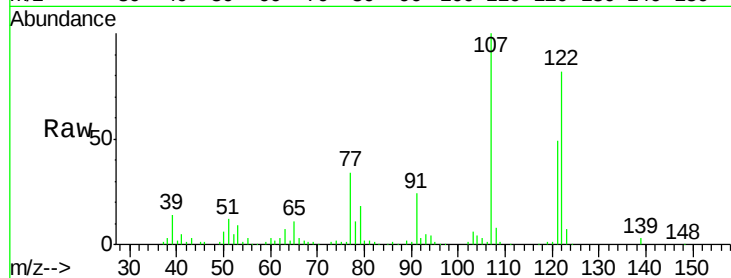
Tgt Ion:122 Resp: 107586

Ion Ratio Lower Upper

122 100

107 122.0 99.7 149.5

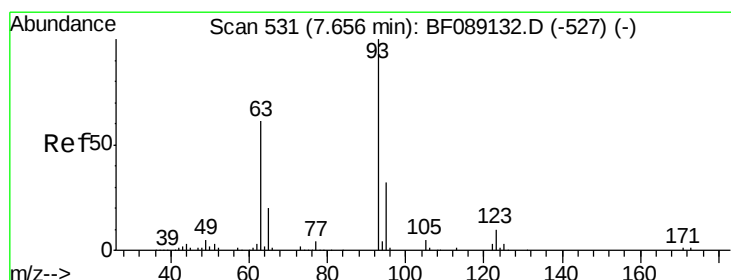
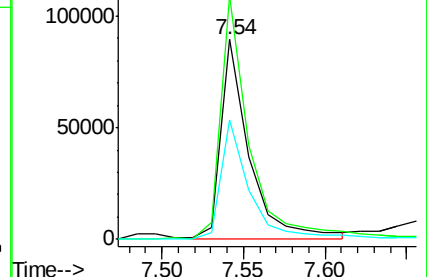
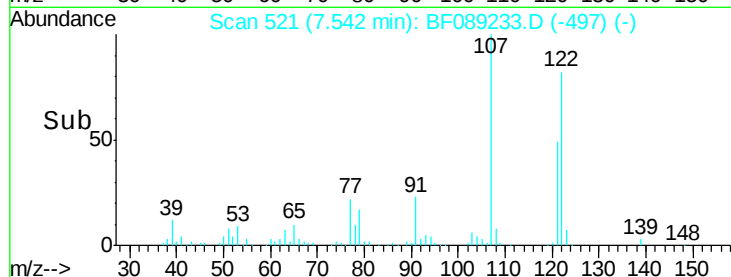
121 59.9 48.5 72.7



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: 45.51 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

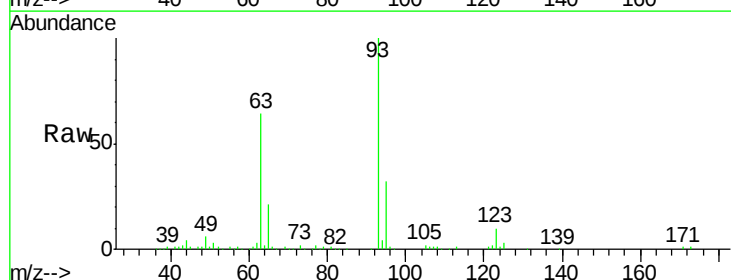
Tgt Ion: 93 Resp: 192625

Ion Ratio Lower Upper

93 100

95 31.6 25.4 38.0

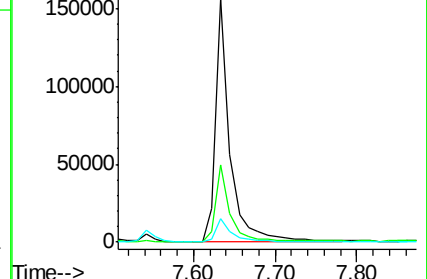
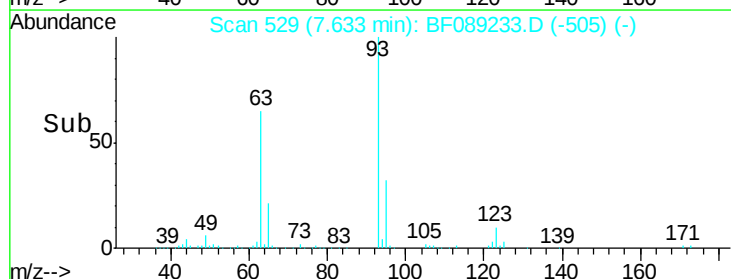
123 9.8 8.3 12.5

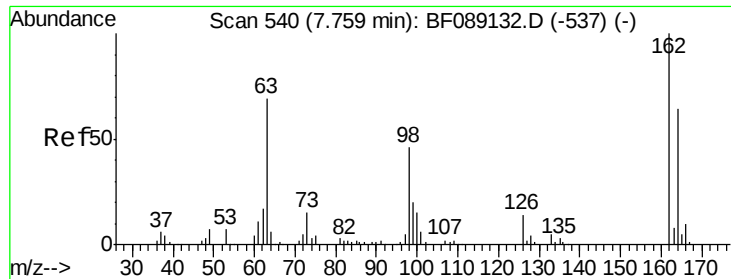


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

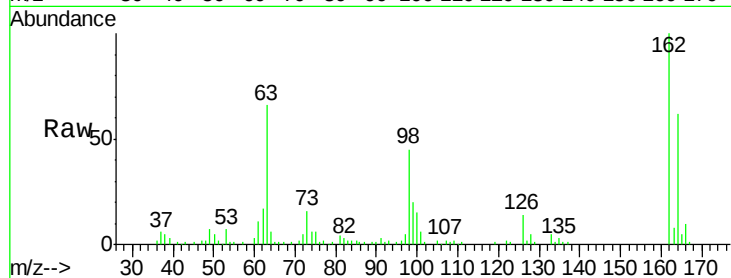




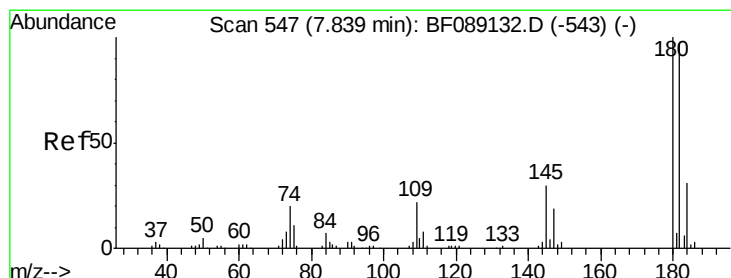
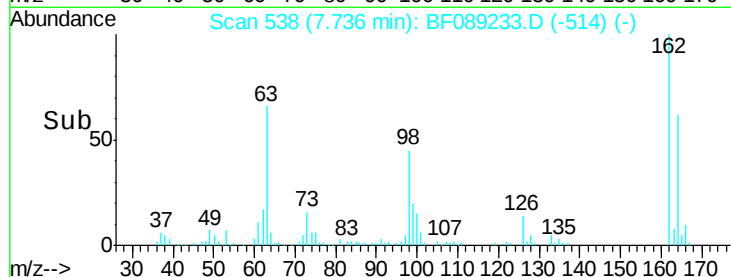
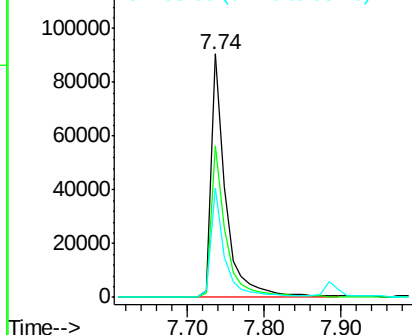
#29
 2,4-Dichlorophenol
 Concen: 43.50 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

Tgt Ion:162 Resp: 119291
 Ion Ratio Lower Upper
 162 100
 164 62.1 44.0 84.0
 98 44.9 26.0 66.0

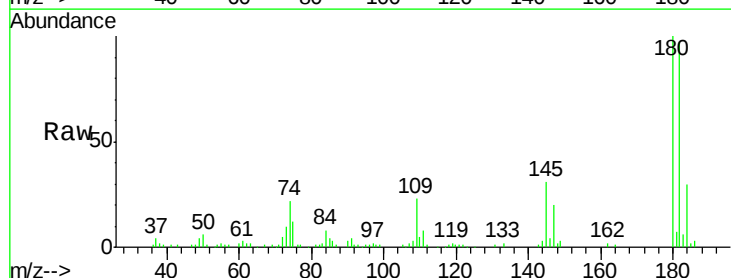


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

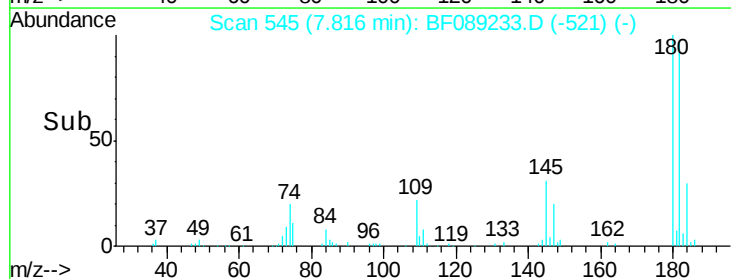
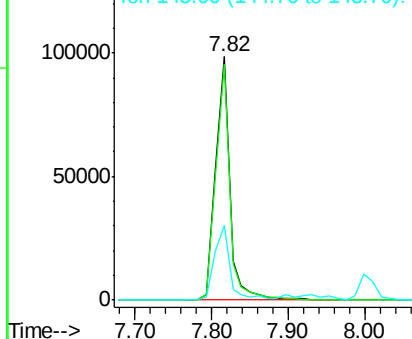


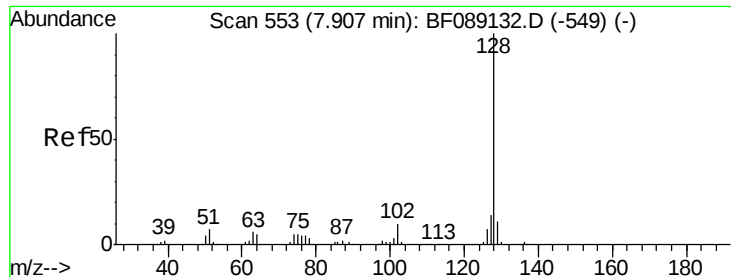
#30
 1,2,4-Trichlorobenzene
 Concen: 41.85 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:180 Resp: 127057
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.6 116.4
 145 30.7 24.0 36.0



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

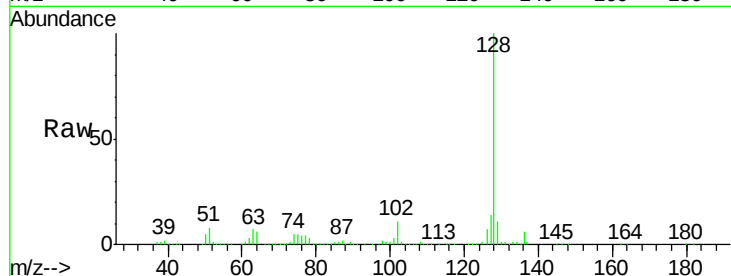




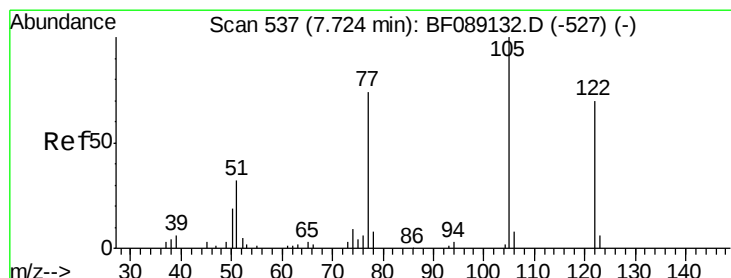
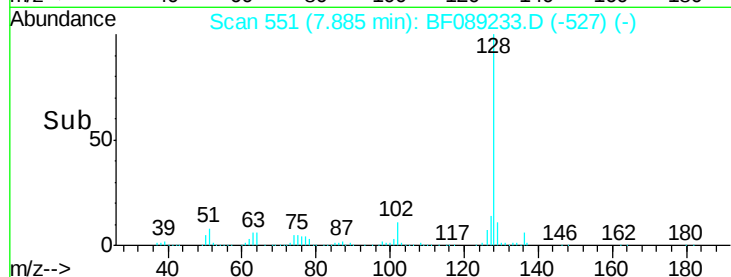
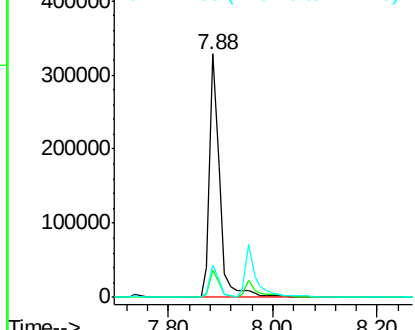
#31
Naphthalene
Concen: 41.93 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

Tgt Ion:128 Resp: 441530
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.6 10.8 16.2

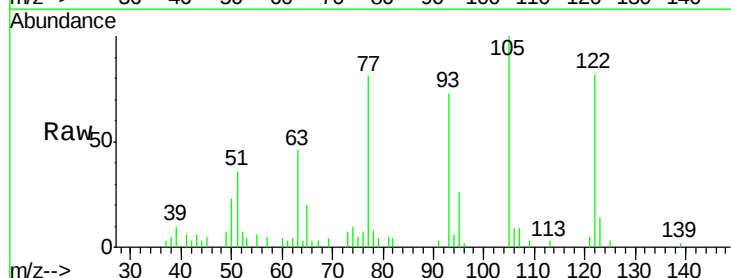


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

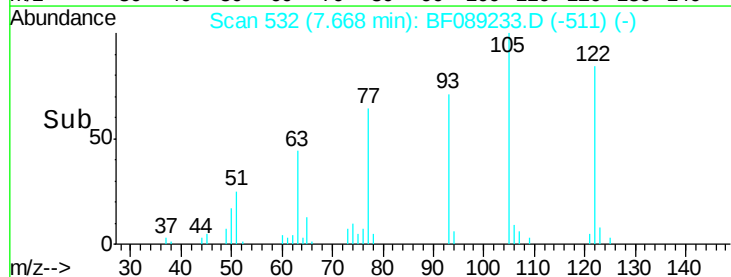
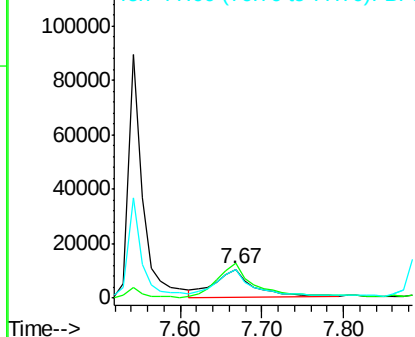


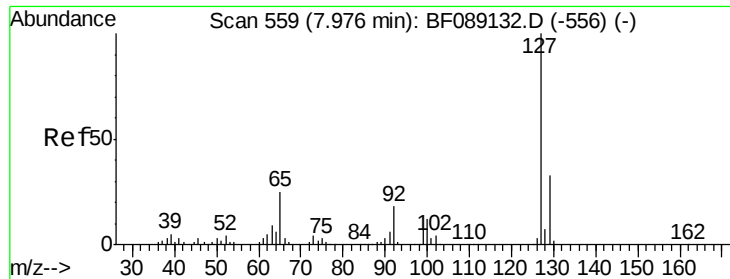
#32
Benzoic acid
Concen: 13.42 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:122 Resp: 31405
Ion Ratio Lower Upper
122 100
105 122.6 119.0 159.0
77 99.0 84.7 124.7



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

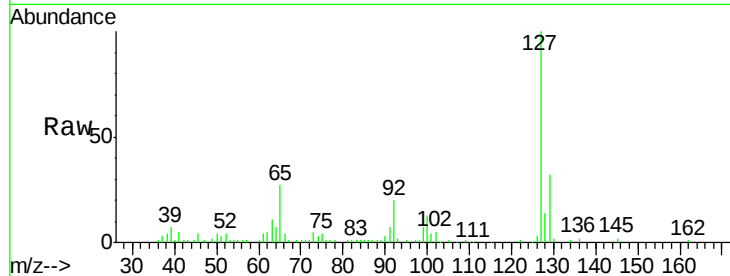




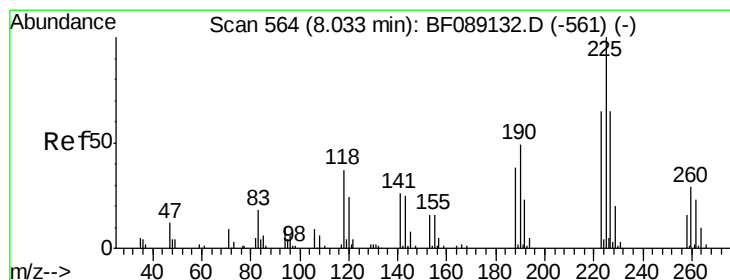
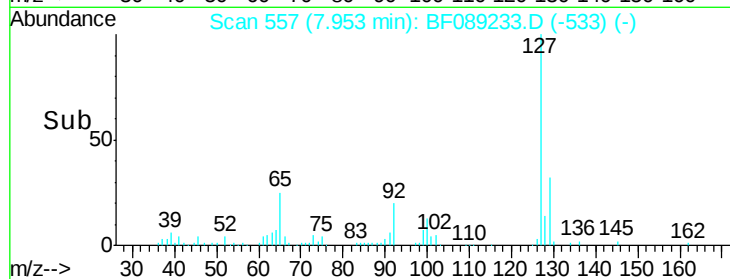
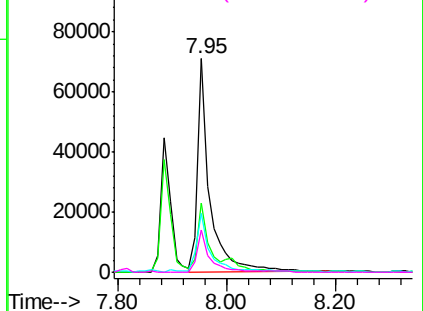
#33
4-Chloroaniline
Concen: 24.46 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

Tgt Ion:	127	Resp:	108316
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.3	19.7	29.5
92	19.7	14.3	21.5

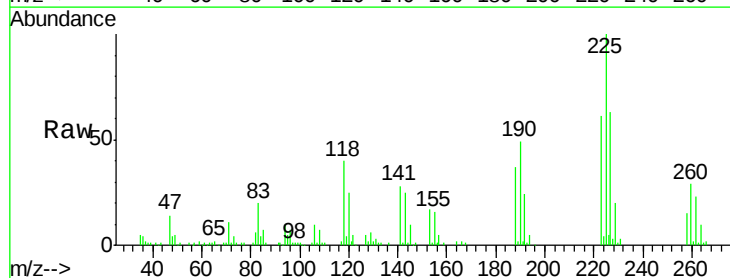


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

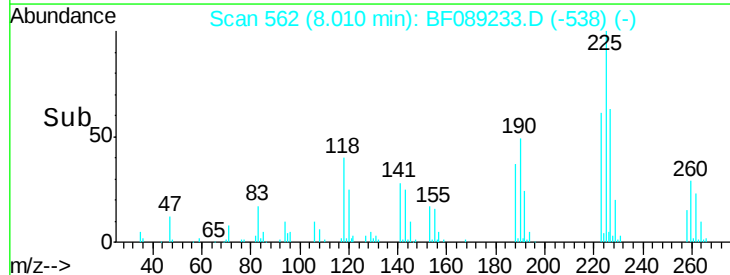
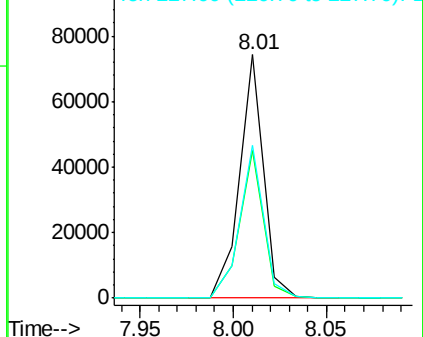


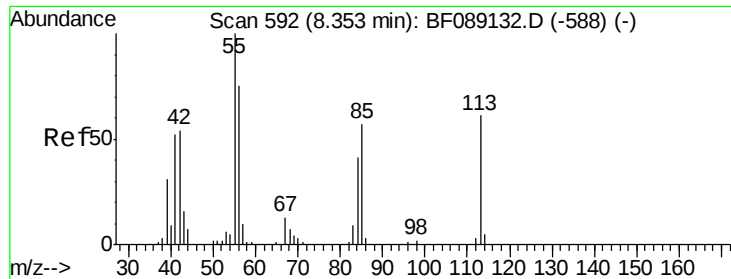
#34
Hexachlorobutadiene
Concen: 39.39 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:	225	Resp:	66558
Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.6	77.4
227	62.6	51.6	77.4



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

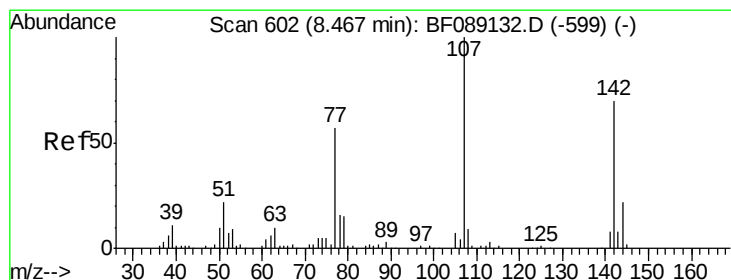
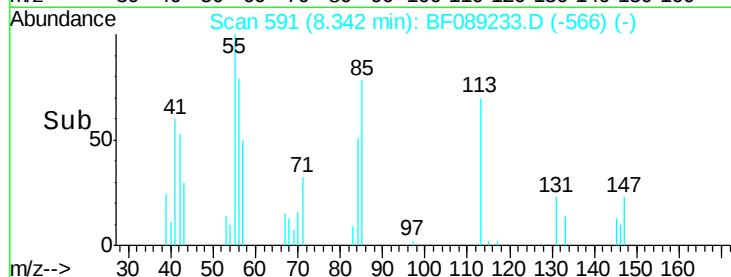
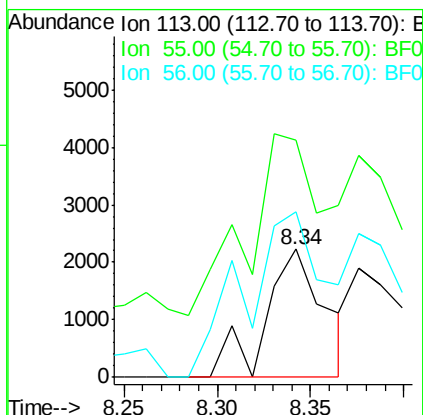
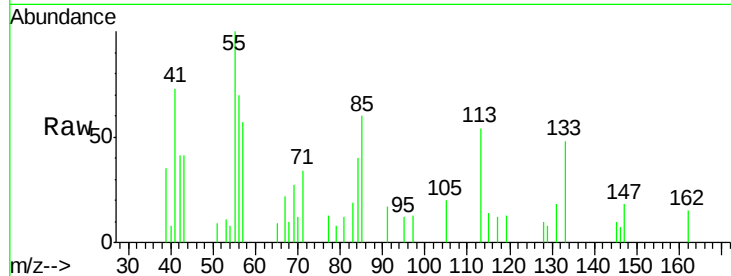




#35
 Caprolactam
 Concen: 5.73 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

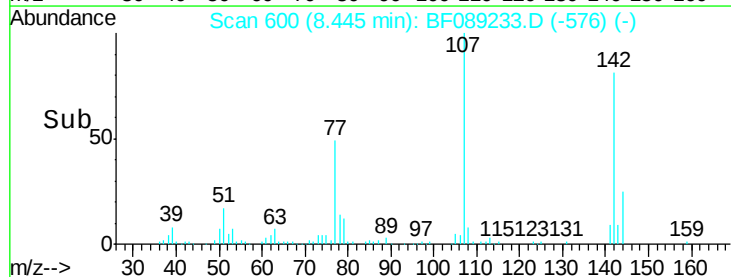
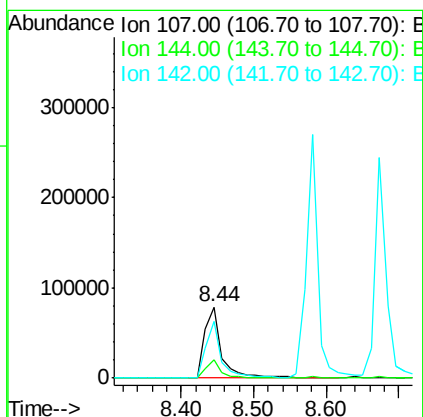
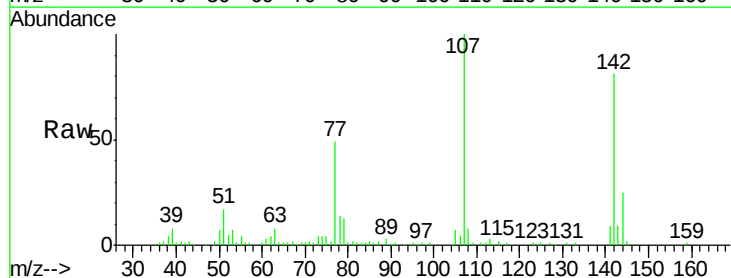
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

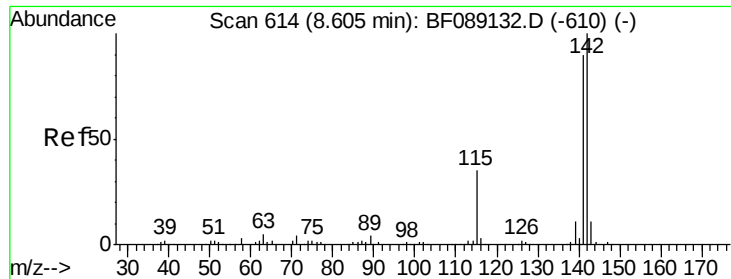
Tgt Ion:113 Resp: 4876
 Ion Ratio Lower Upper
 113 100
 55 184.9 145.3 185.3
 56 129.3 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.46 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:107 Resp: 130380
 Ion Ratio Lower Upper
 107 100
 144 25.3 17.8 26.6
 142 80.7 56.1 84.1

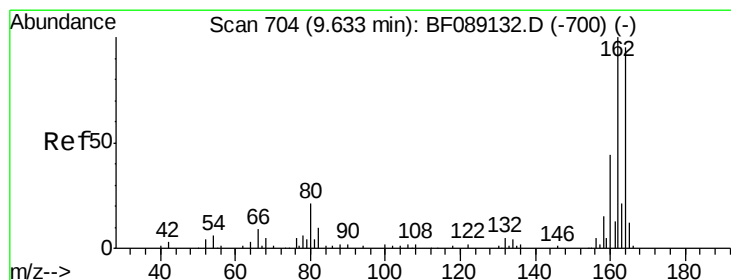
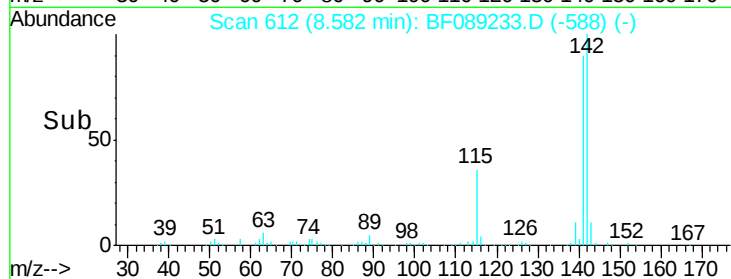
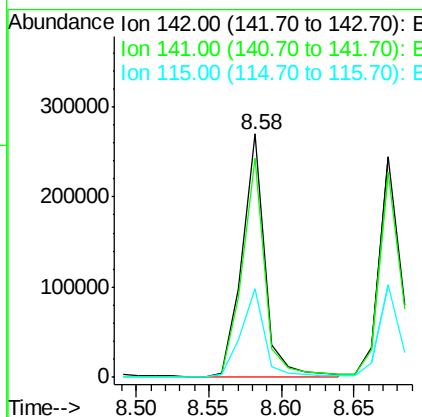
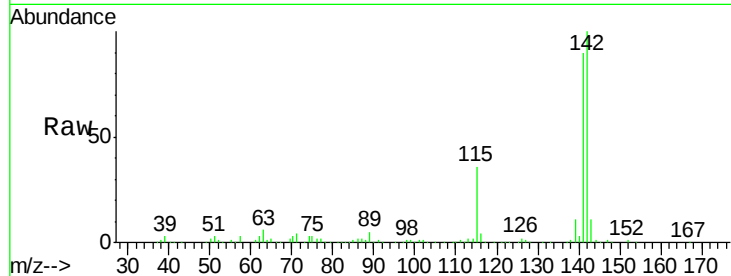




#37
2-Methylnaphthalene
Concen: 44.11 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

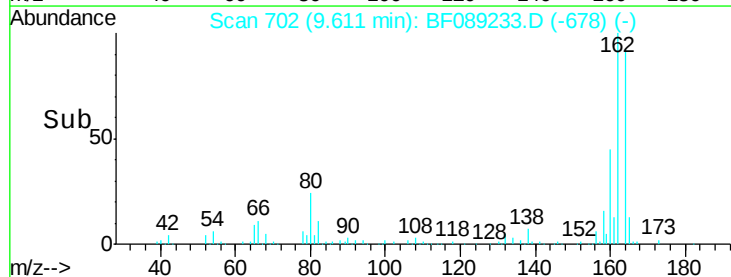
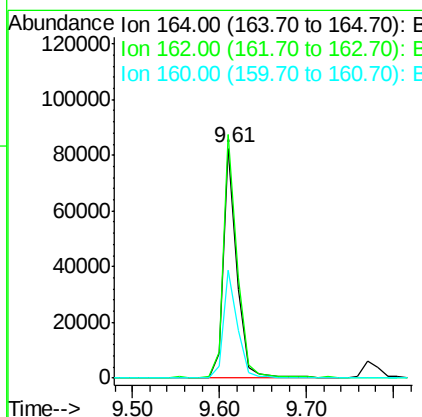
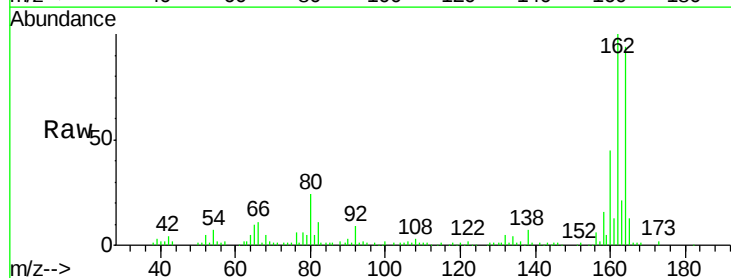
Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

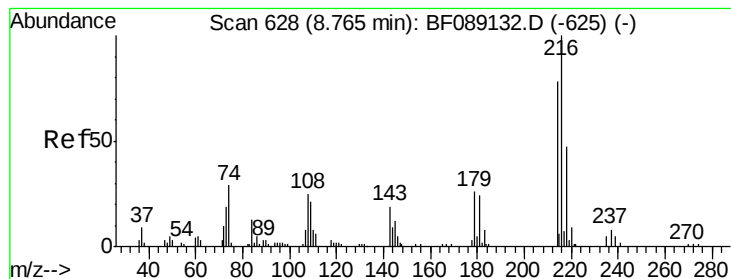
Tgt Ion:142 Resp: 296211
Ion Ratio Lower Upper
142 100
141 89.9 71.6 107.4
115 36.3 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:164 Resp: 90904
Ion Ratio Lower Upper
164 100
162 105.8 84.1 126.1
160 47.1 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.62 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

Tgt Ion:216 Resp: 120364

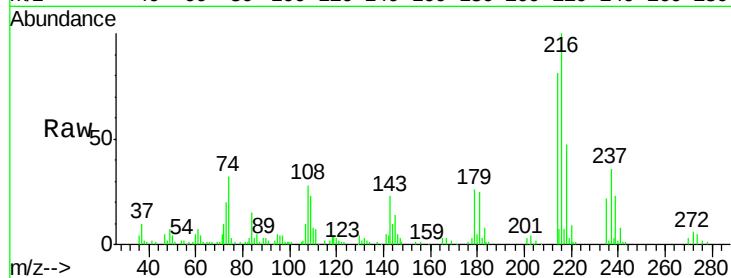
Ion Ratio Lower Upper

216 100

214 78.3 61.9 92.9

179 23.0 18.4 27.6

108 23.0 17.0 25.6

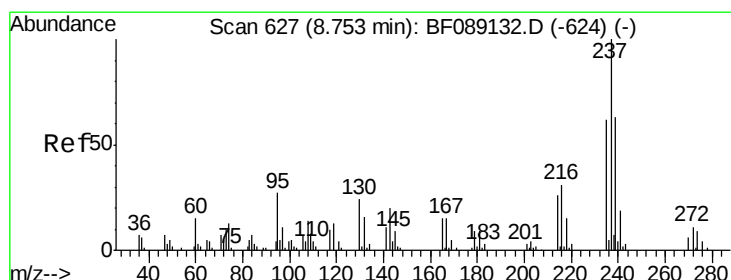
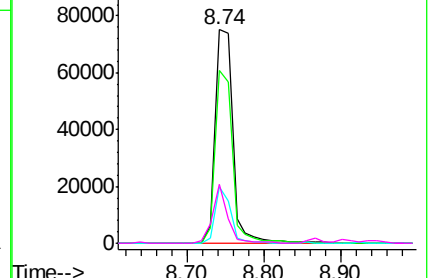
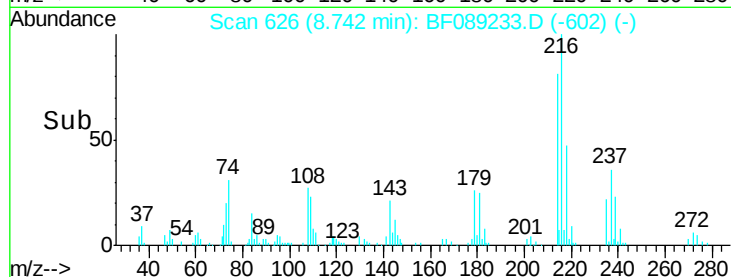


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.35 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

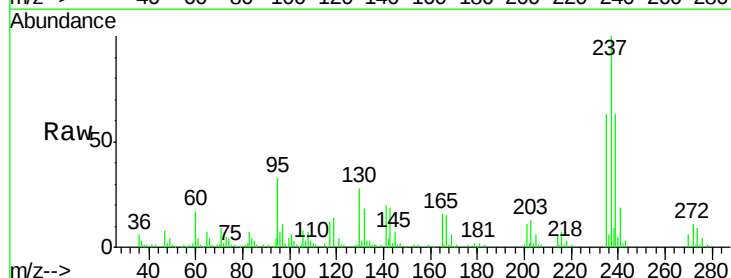
Tgt Ion:237 Resp: 88413

Ion Ratio Lower Upper

237 100

235 63.3 42.1 82.1

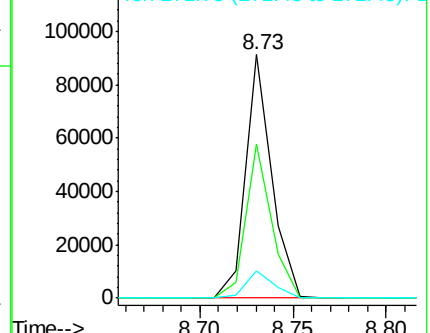
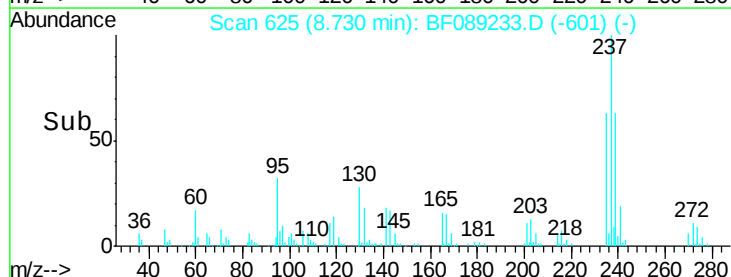
272 11.3 0.0 31.4

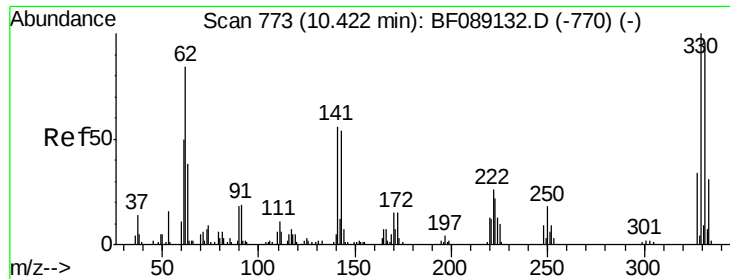


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

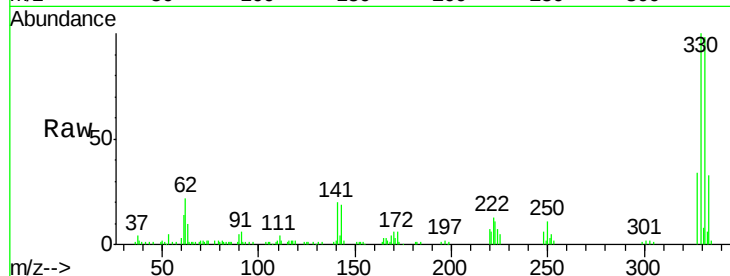




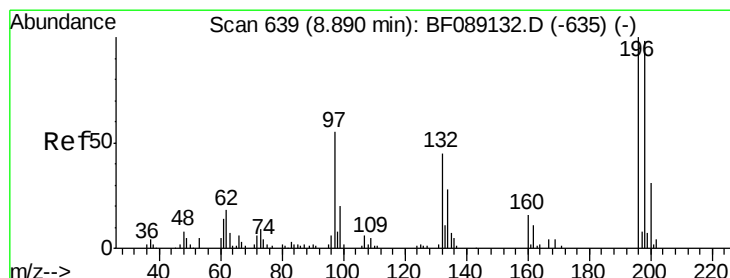
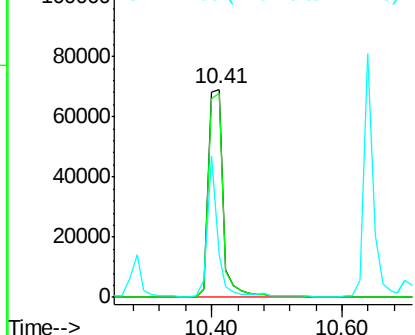
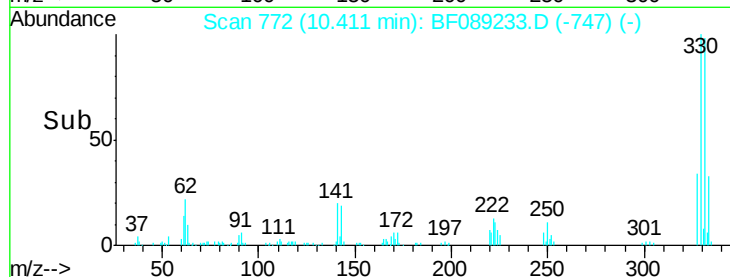
#41
 2,4,6-Tribromophenol
 Concen: 135.74 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

Tgt Ion:330 Resp: 111098
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 46.4 42.2 63.2

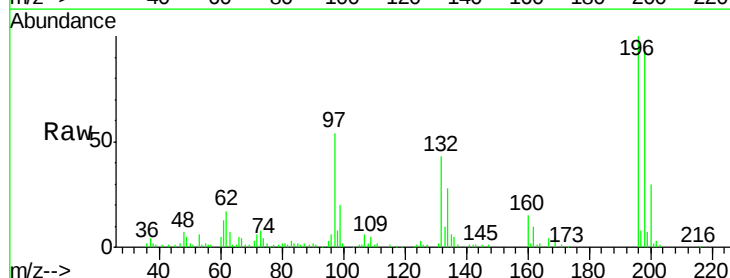


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

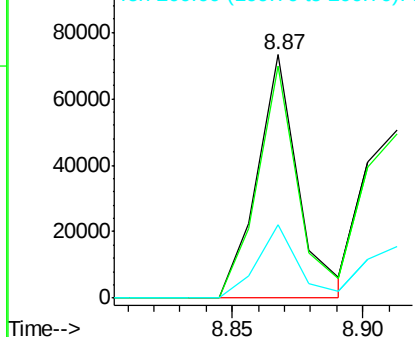
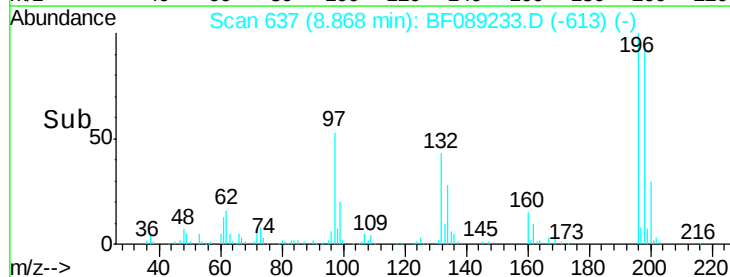


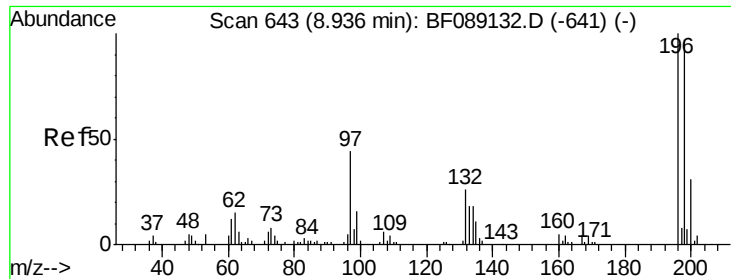
#42
 2,4,6-Trichlorophenol
 Concen: 42.14 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:196 Resp: 79684
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.3 117.5
 200 30.0 25.0 37.4



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

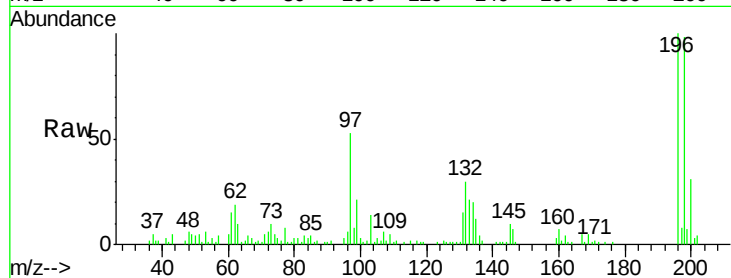




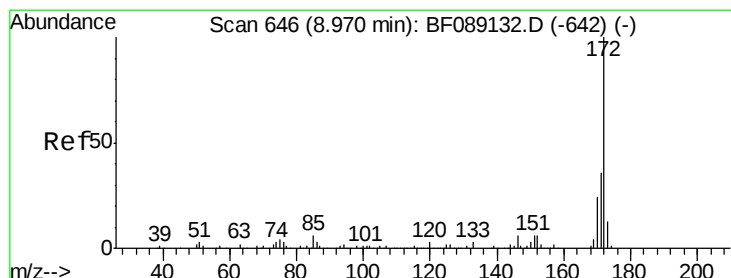
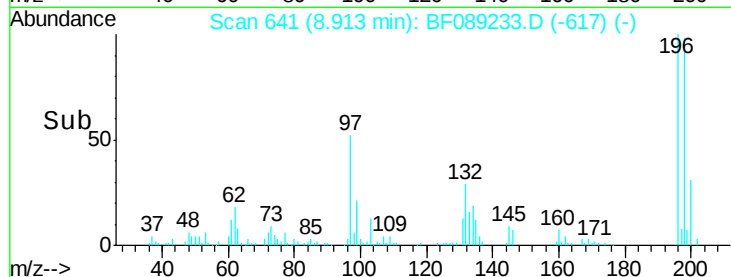
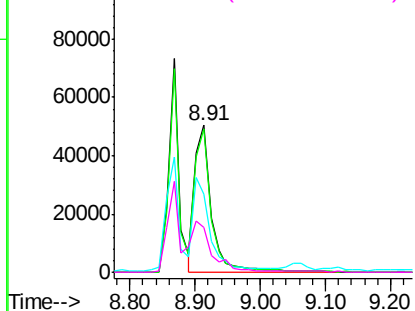
#43
 2,4,5-Trichlorophenol
 Concen: 48.15 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

Tgt Ion:196 Resp: 91403
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.6 116.4
 97 53.2 36.5 54.7
 132 30.2 21.2 31.8

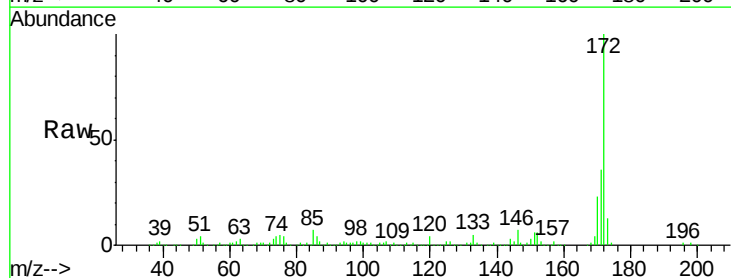


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

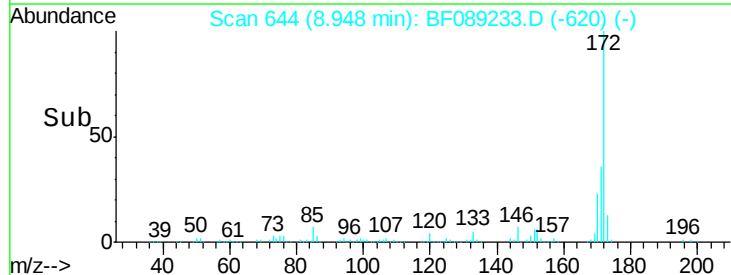
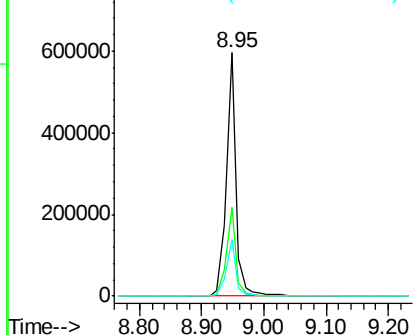


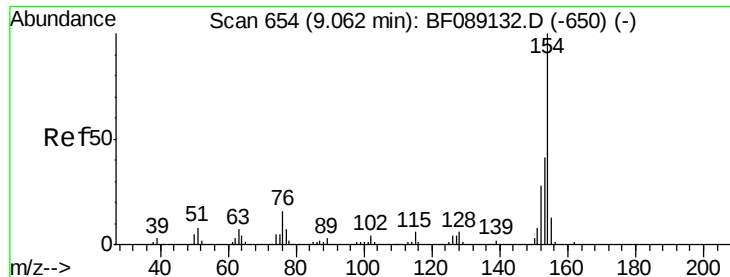
#44
 2-Fluorobiphenyl
 Concen: 97.56 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:172 Resp: 643640
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.5 19.1 28.7



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

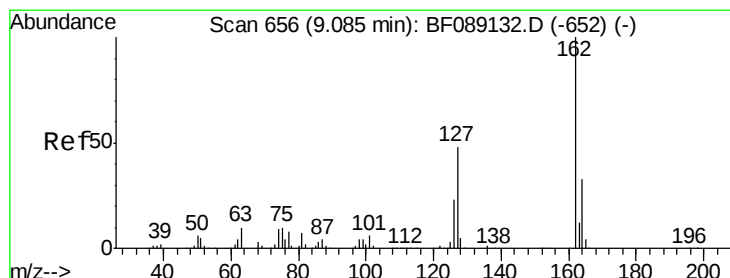
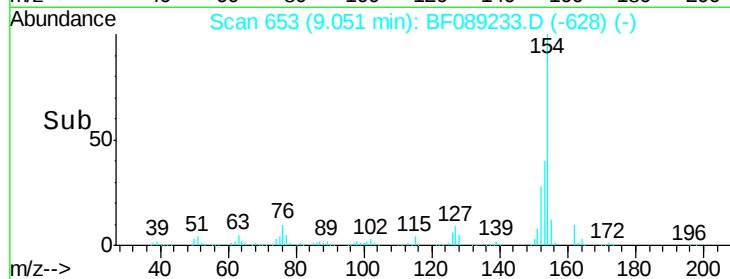
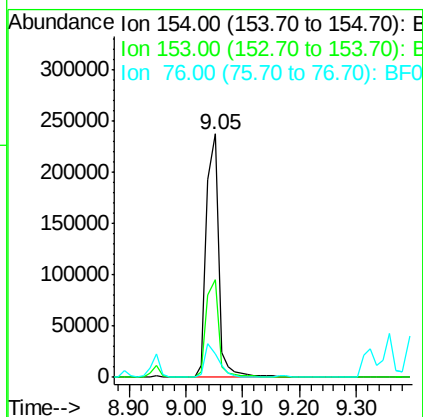
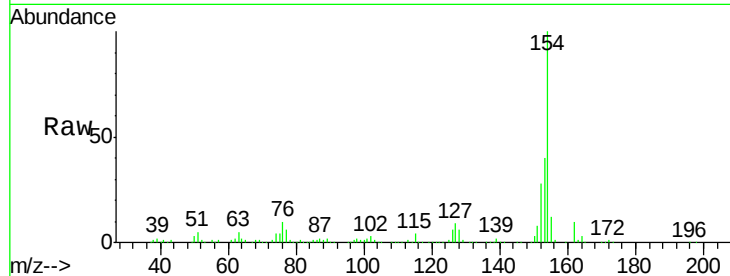




#45
 1,1'-Biphenyl
 Concen: 41.99 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

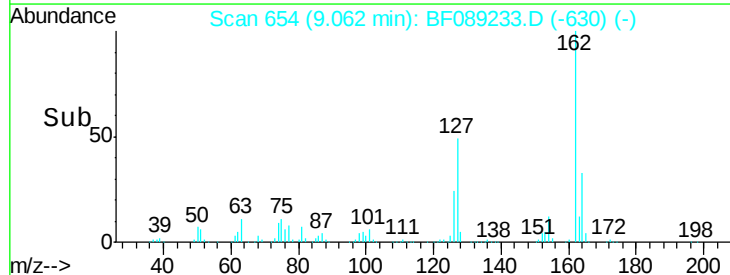
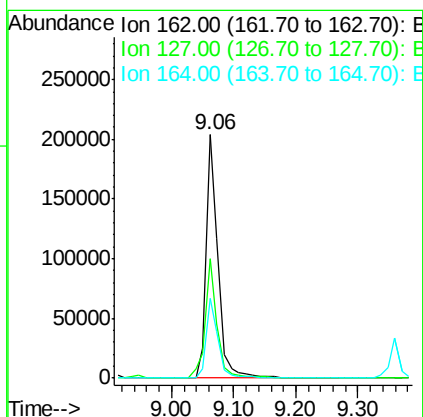
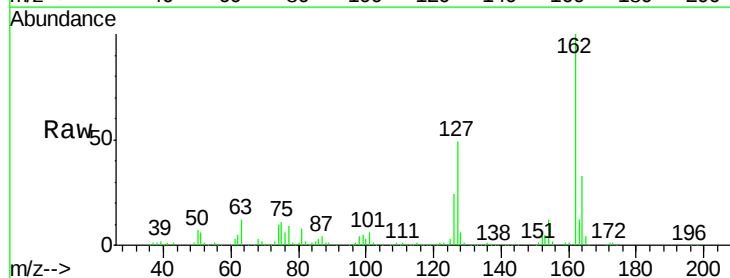
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

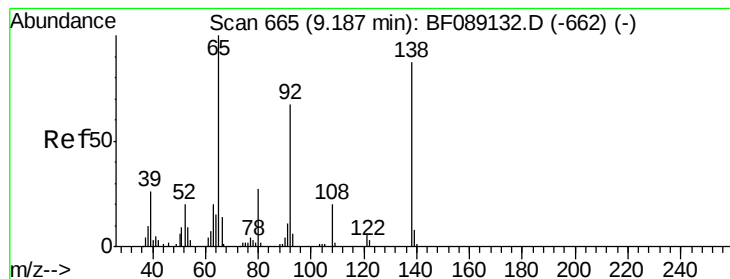
Tgt Ion:154 Resp: 343753
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.1 61.1
 76 9.7 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 43.36 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:162 Resp: 269712
 Ion Ratio Lower Upper
 162 100
 127 49.2 38.1 57.1
 164 32.9 26.1 39.1





#47

2-Nitroaniline

Concen: 44.64 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

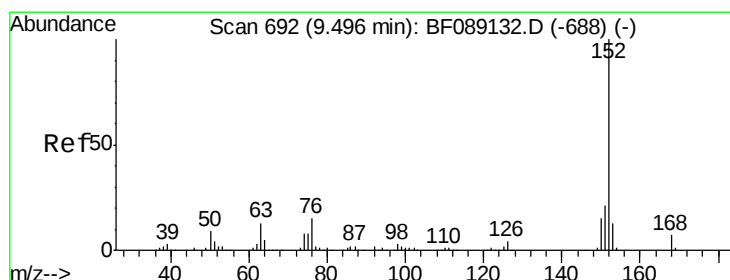
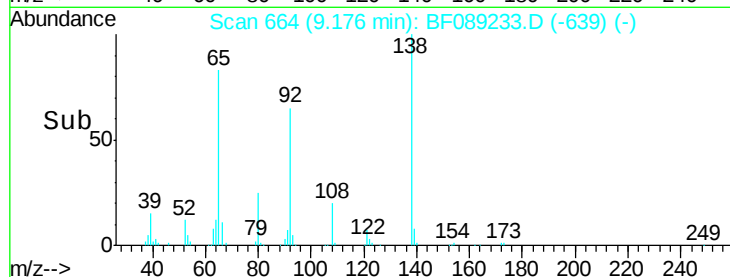
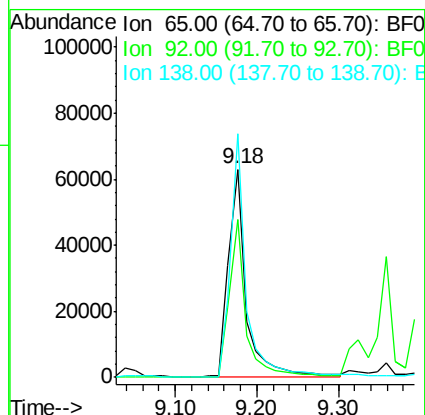
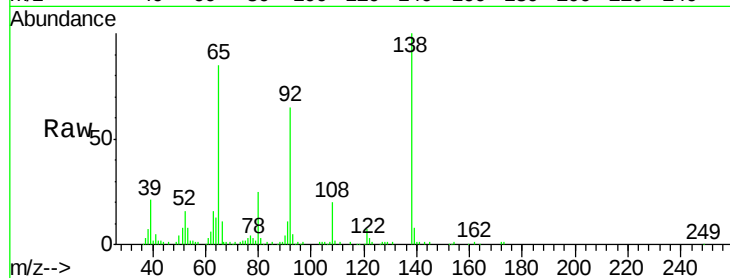
Tgt Ion: 65 Resp: 95260

Ion Ratio Lower Upper

65 100

92 75.7 53.2 79.8

138 117.0 69.4 104.2#



#48

Acenaphthylene

Concen: 43.54 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

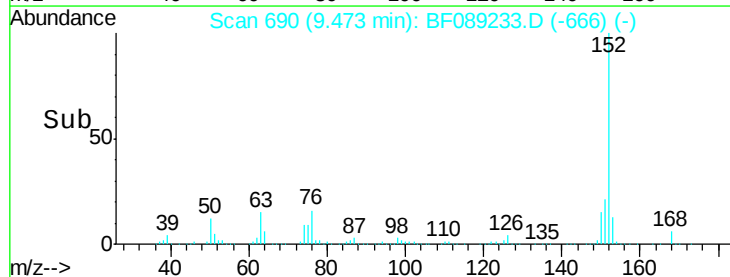
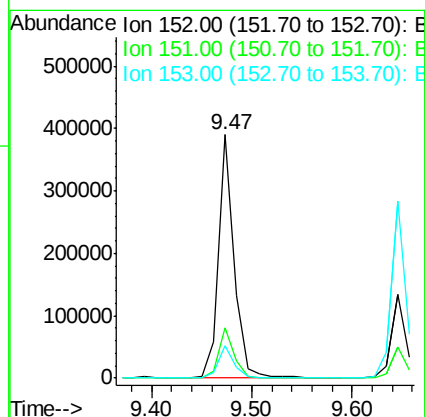
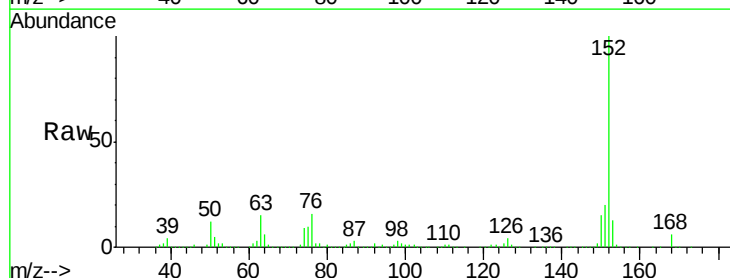
Tgt Ion: 152 Resp: 425881

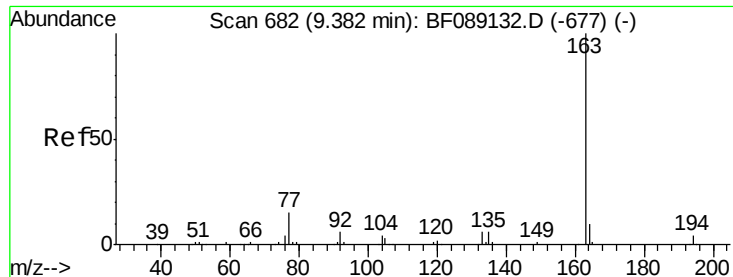
Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7

153 13.3 10.7 16.1

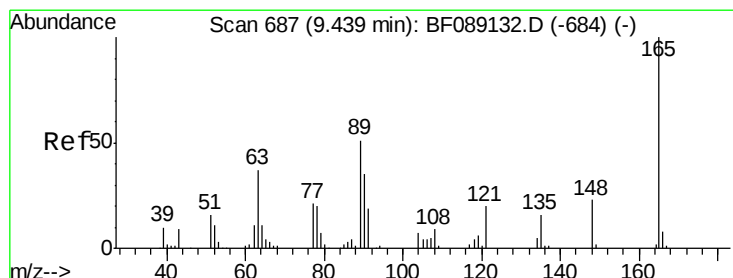
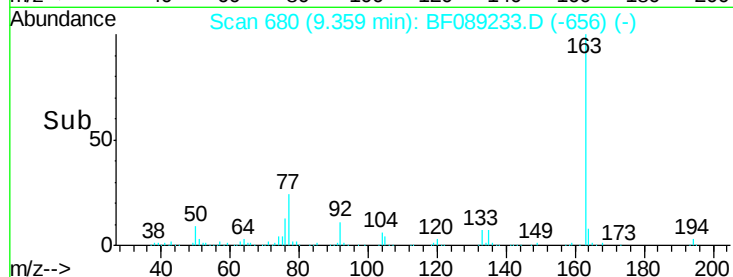
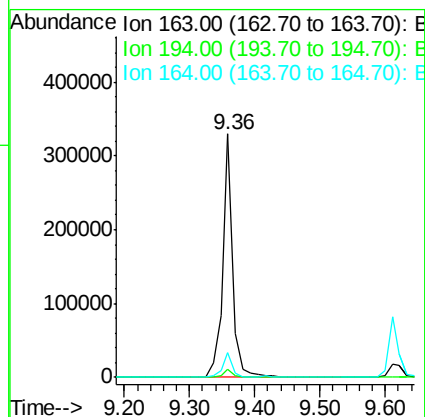
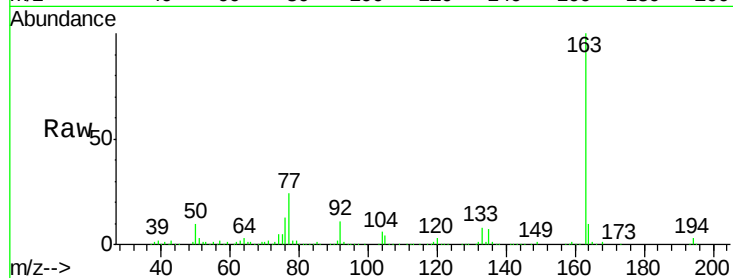




#49
Dimethylphthalate
Concen: 51.62 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

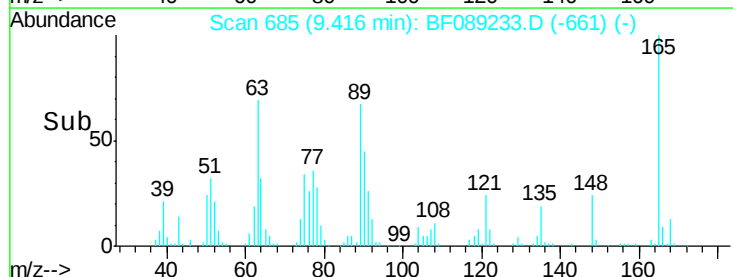
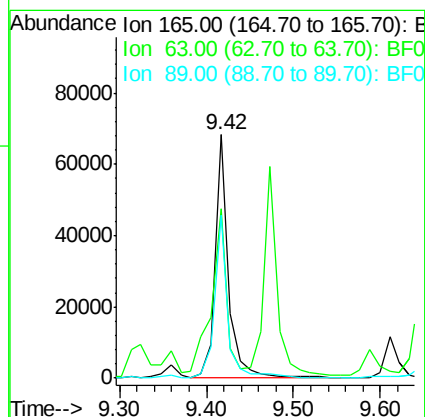
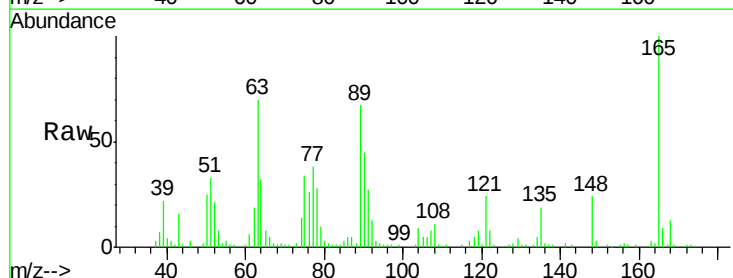
Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

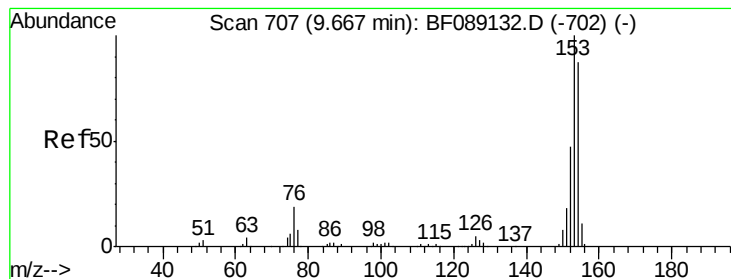
Tgt Ion:163 Resp: 360077
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.2 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 47.17 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:165 Resp: 74284
Ion Ratio Lower Upper
165 100
63 69.6 37.0 55.4#
89 67.1 40.9 61.3#





#51

Acenaphthene

Concen: 42.29 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

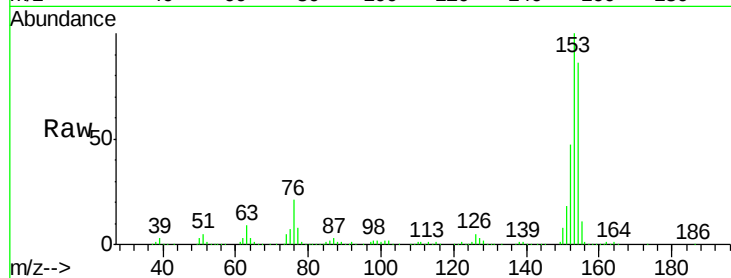
Tgt Ion:154 Resp: 244694

Ion Ratio Lower Upper

154 100

153 116.1 91.9 137.9

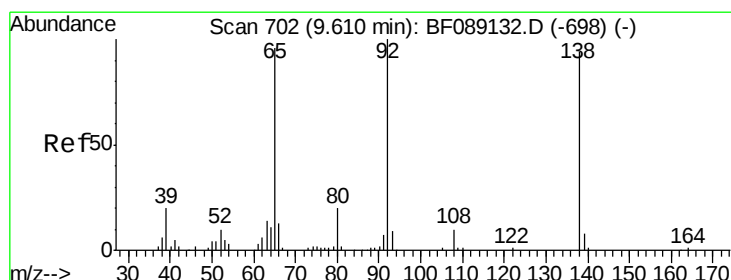
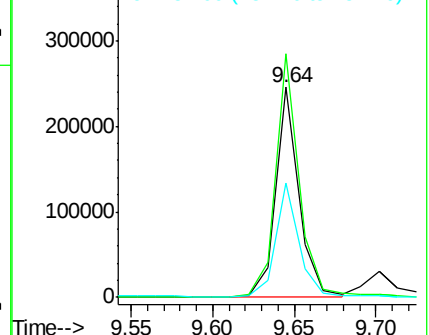
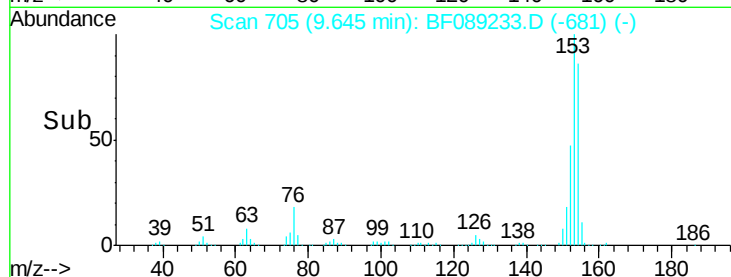
152 54.5 42.8 64.2



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: 27.52 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

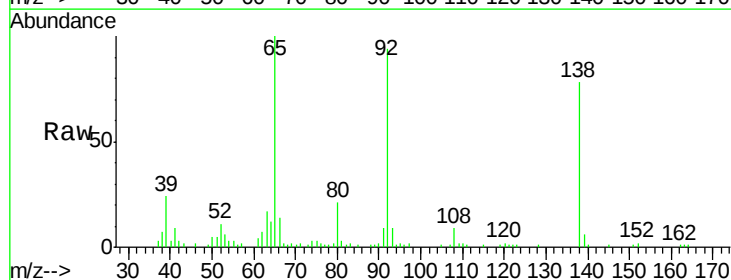
Tgt Ion:138 Resp: 51475

Ion Ratio Lower Upper

138 100

108 11.8 8.8 13.2

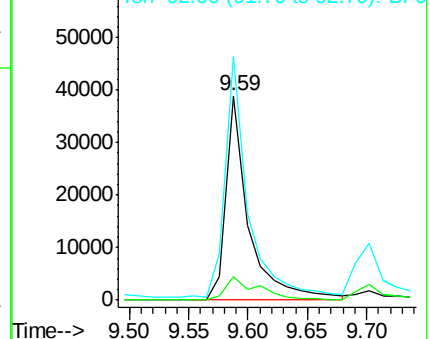
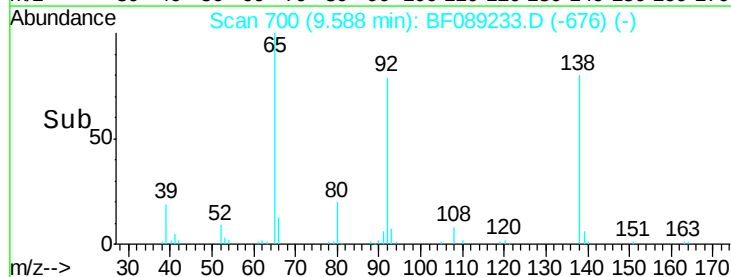
92 119.2 85.3 127.9

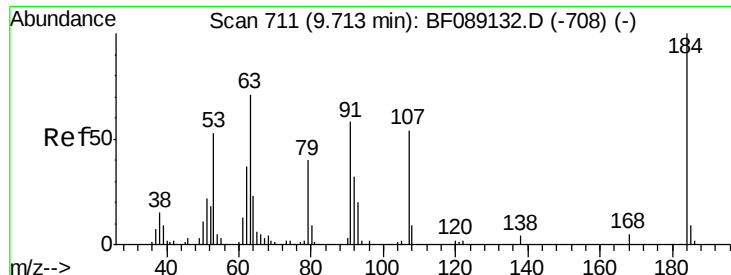


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

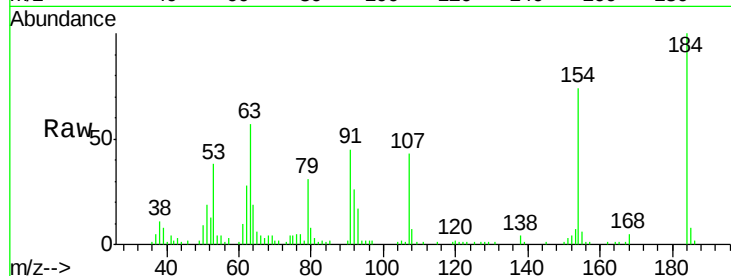




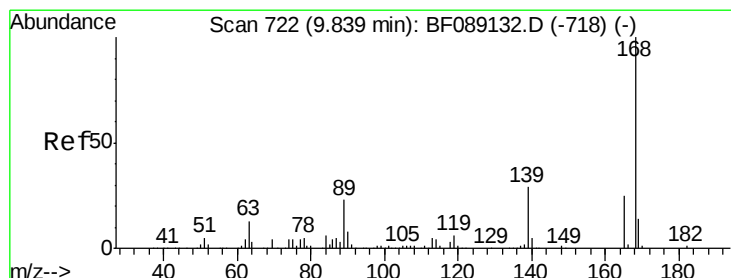
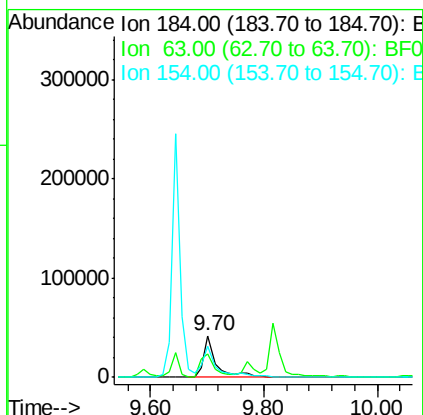
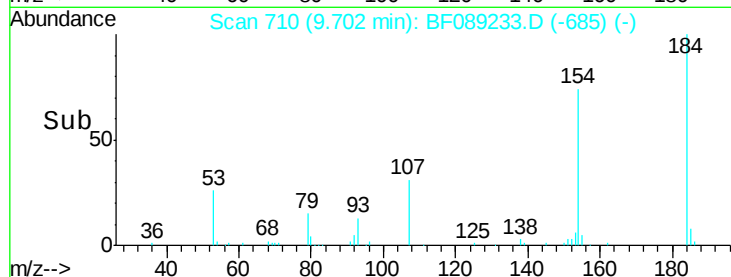
#53
 2,4-Dinitrophenol
 Concen: 82.63 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

Tgt Ion:184 Resp: 66617
 Ion Ratio Lower Upper
 184 100
 63 56.6 60.3 90.5#
 154 73.9 60.7 91.1

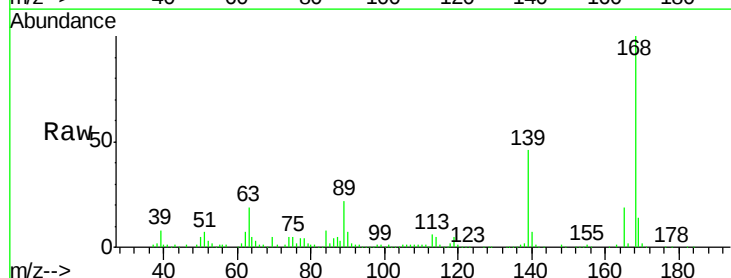


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

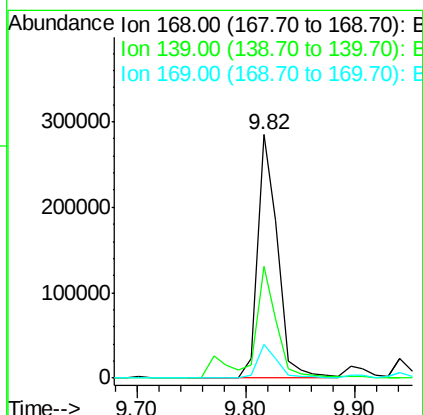
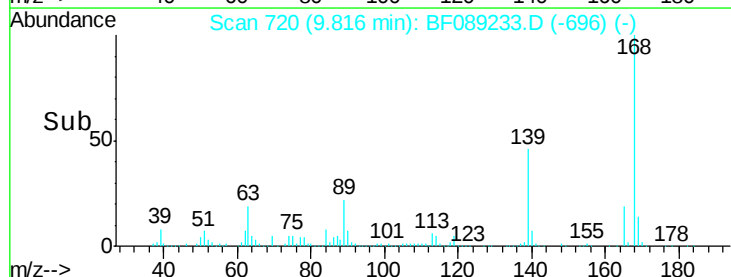


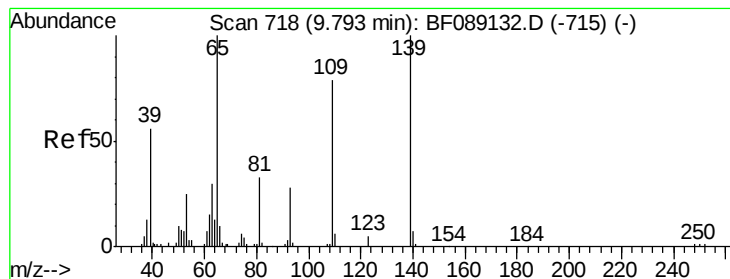
#54
 Dibenzofuran
 Concen: 46.95 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:168 Resp: 367022
 Ion Ratio Lower Upper
 168 100
 139 45.9 34.4 51.6
 169 13.8 10.8 16.2



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: 30.96 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.OMS

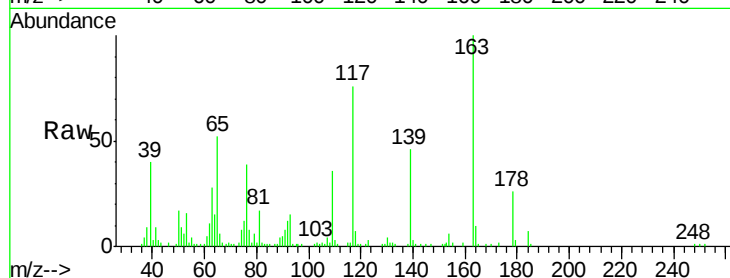
Tgt Ion:139 Resp: 35031

Ion Ratio Lower Upper

139 100

109 78.6 58.7 98.7

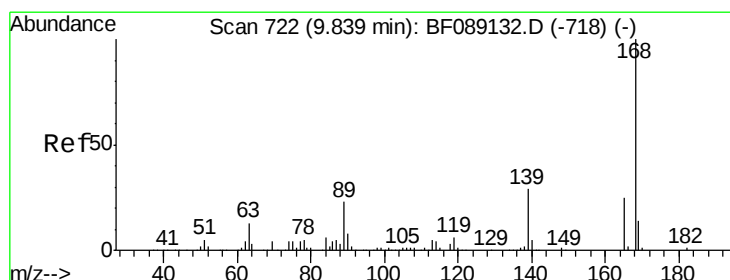
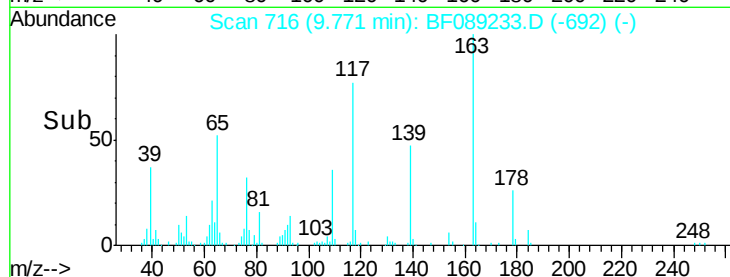
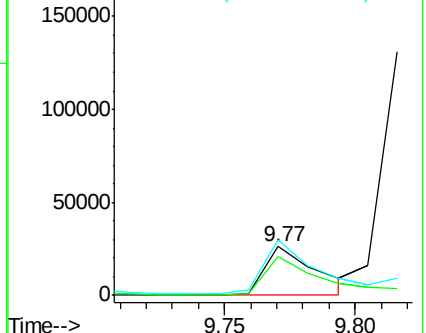
65 113.1 80.2 120.2



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): E



#56

2,4-Dinitrotoluene

Concen: 47.04 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:165 Resp: 95419

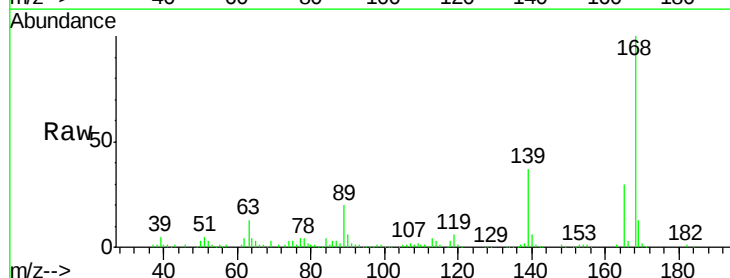
Ion Ratio Lower Upper

165 100

63 44.5 55.4 83.2#

89 66.5 74.3 111.5#

182 2.8 2.0 3.0

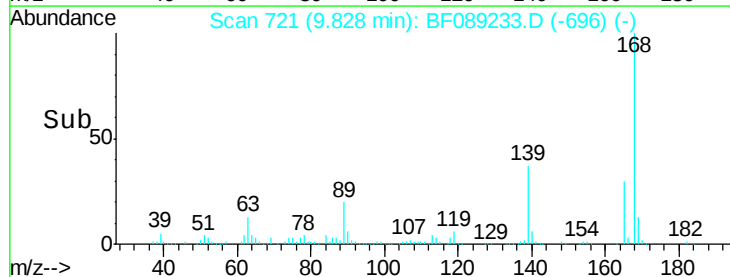
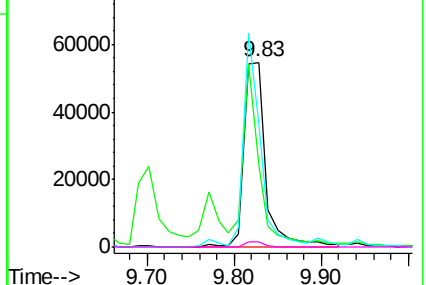


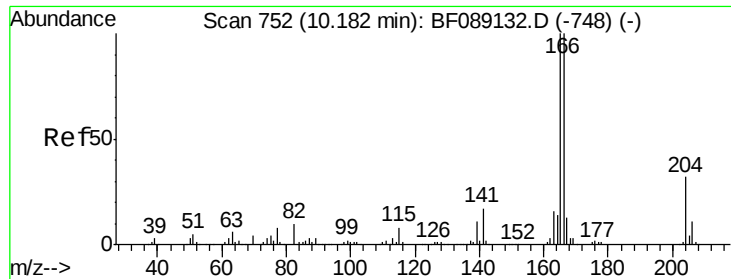
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.91 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

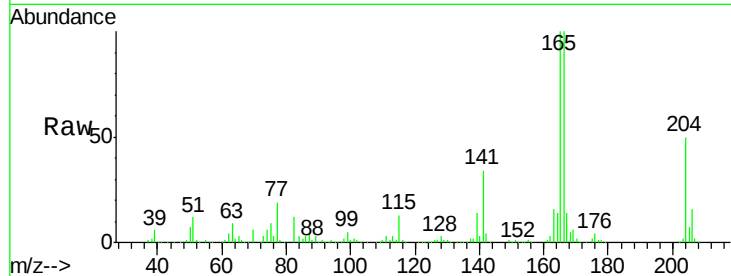
Tgt Ion:166 Resp: 304680

Ion Ratio Lower Upper

166 100

165 100.0 79.9 119.9

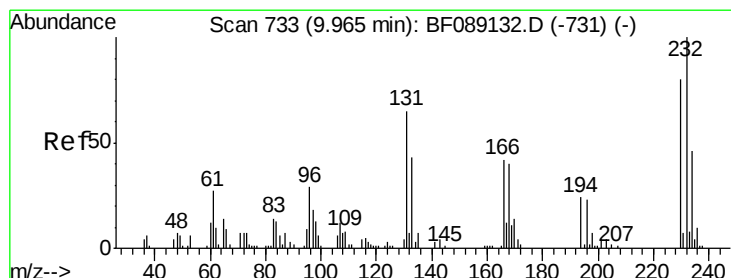
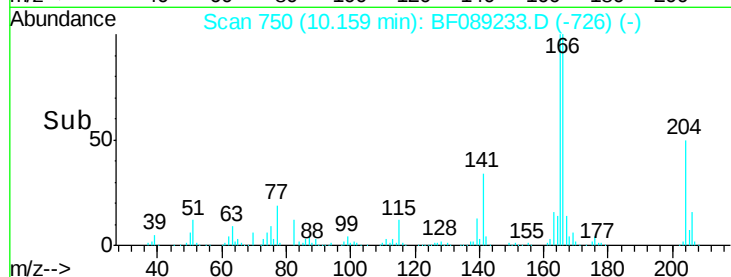
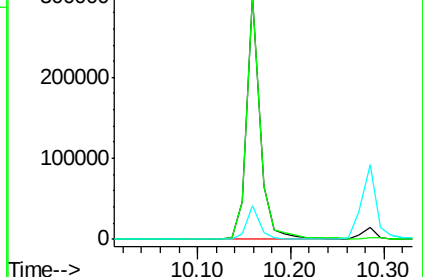
167 13.8 10.7 16.1



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: 42.85 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:232 Resp: 58415

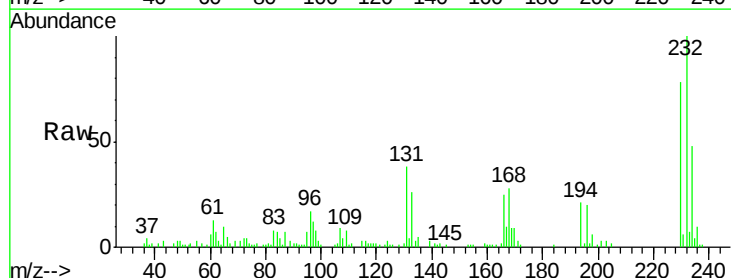
Ion Ratio Lower Upper

232 100

131 56.3 46.2 69.2

130 3.3 2.3 3.5

166 32.8 29.5 44.3

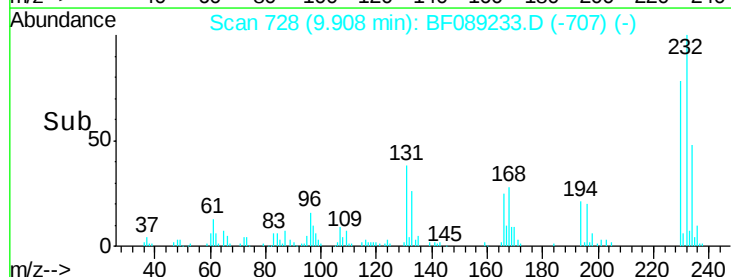
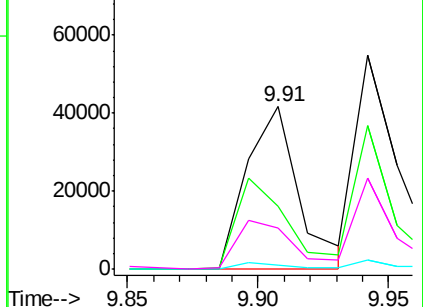


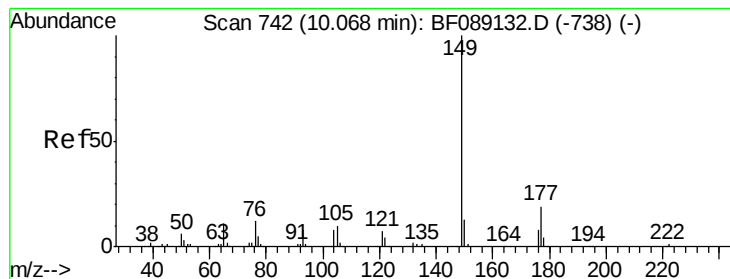
Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.00 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

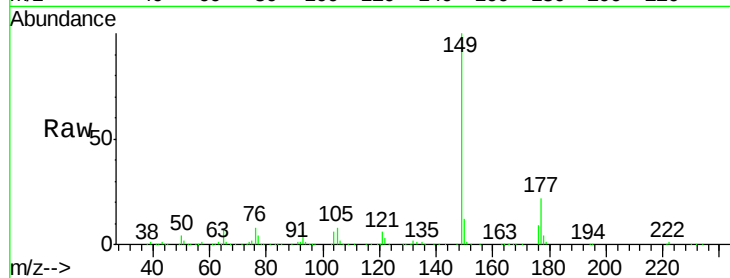
Tgt Ion:149 Resp: 352747

Ion Ratio Lower Upper

149 100

177 22.2 15.6 23.4

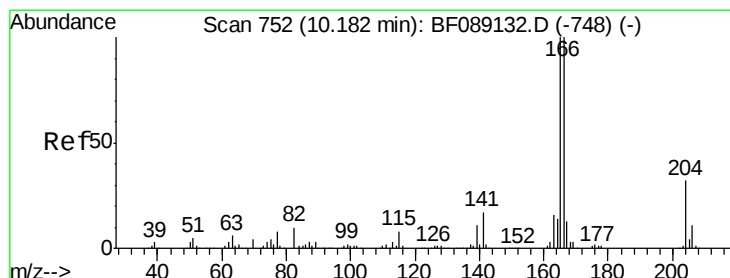
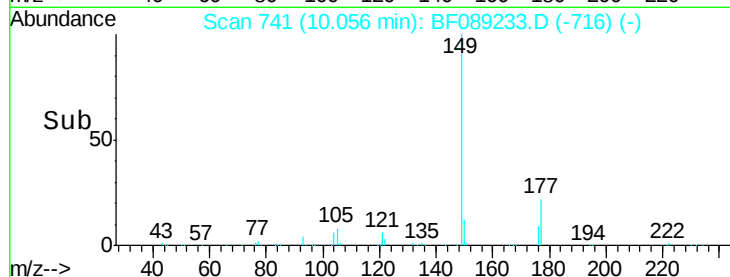
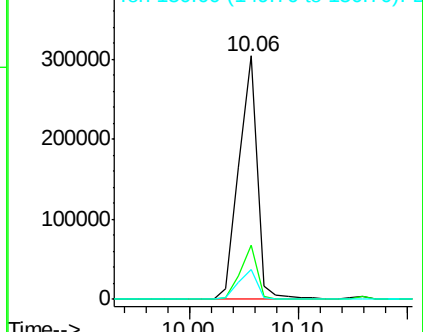
150 12.2 10.1 15.1



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: 48.23 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

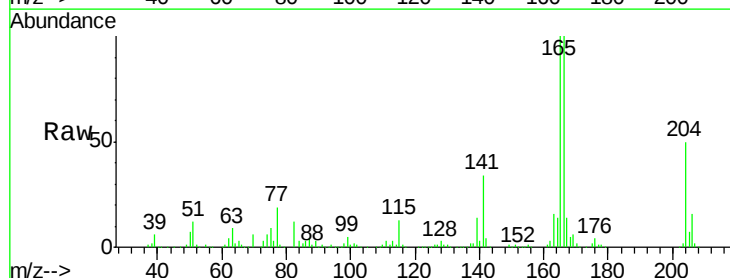
Tgt Ion:204 Resp: 146097

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.4

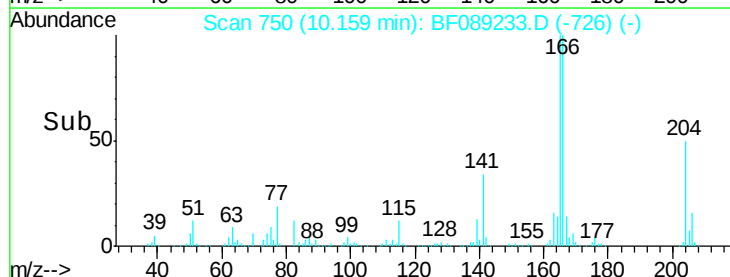
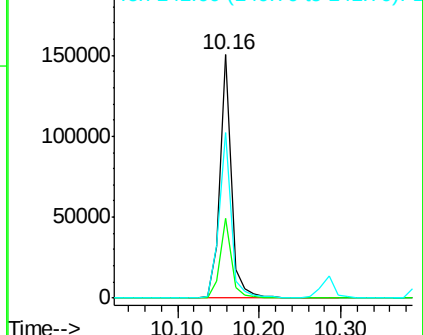
141 68.0 42.2 63.4#

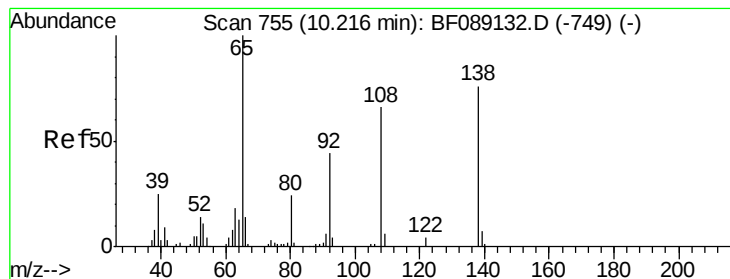


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.85 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

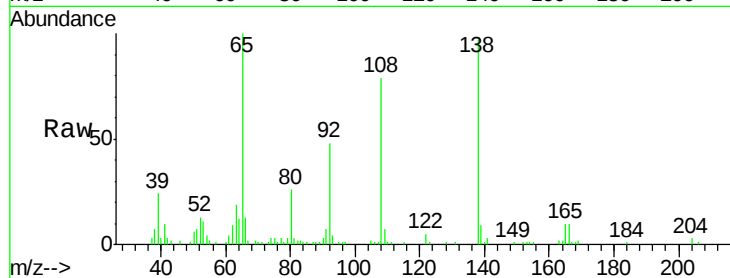
Tgt Ion:138 Resp: 76161

Ion Ratio Lower Upper

138 100

92 49.9 37.2 77.2

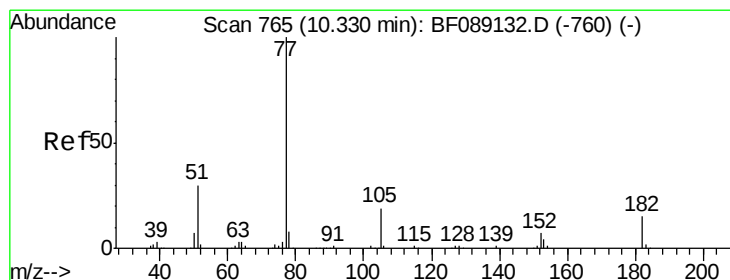
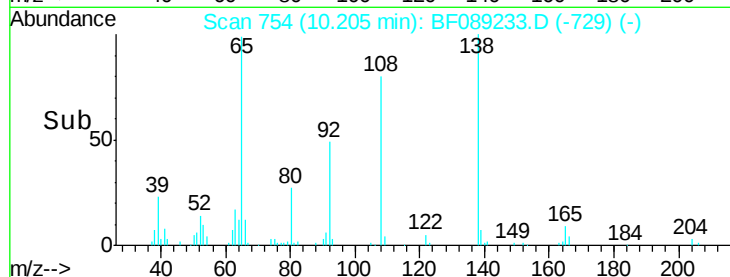
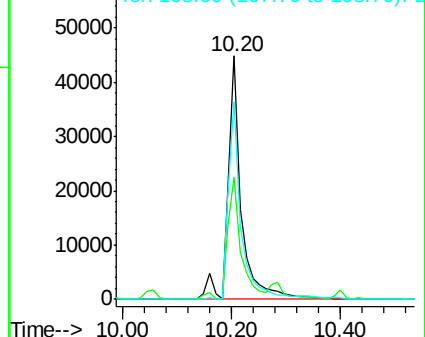
108 81.4 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.83 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion: 77 Resp: 382119

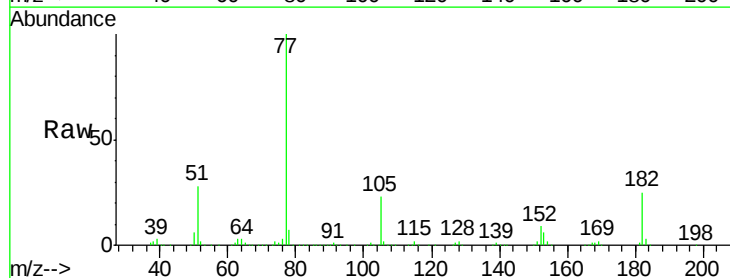
Ion Ratio Lower Upper

77 100

182 25.3 0.0 35.0

105 22.8 0.0 39.4

51 27.6 10.7 50.7

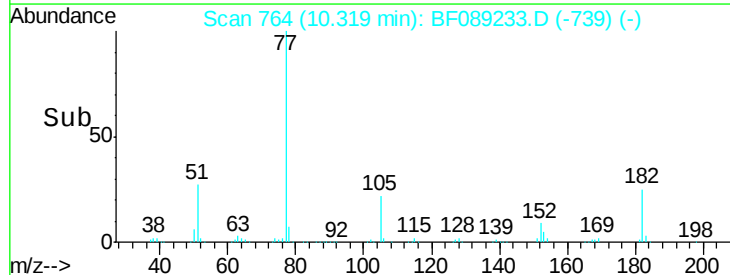
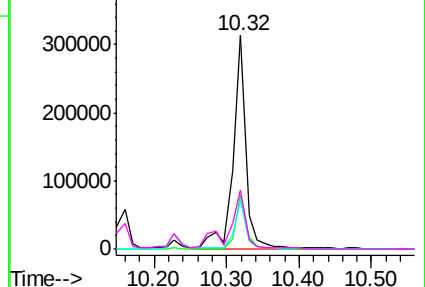


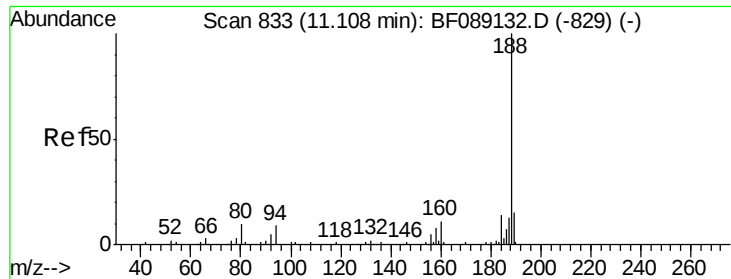
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.09 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

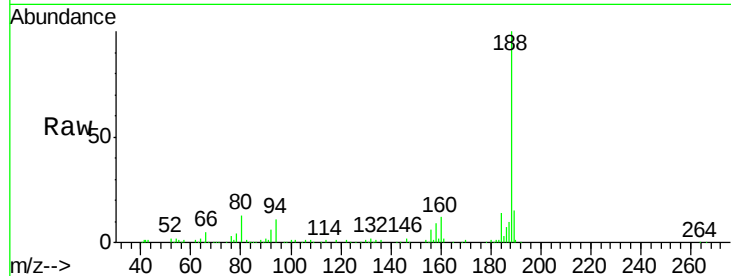
Tgt Ion:188 Resp: 176864

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.4#

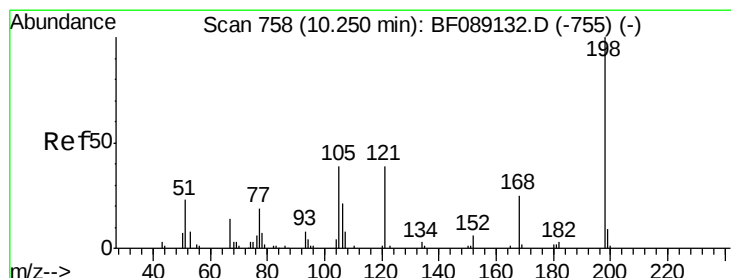
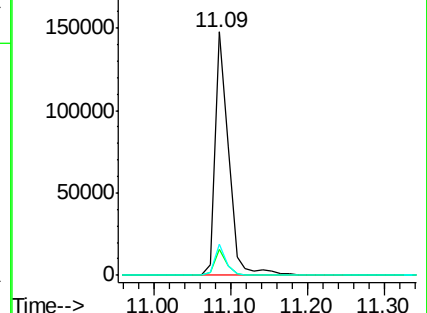
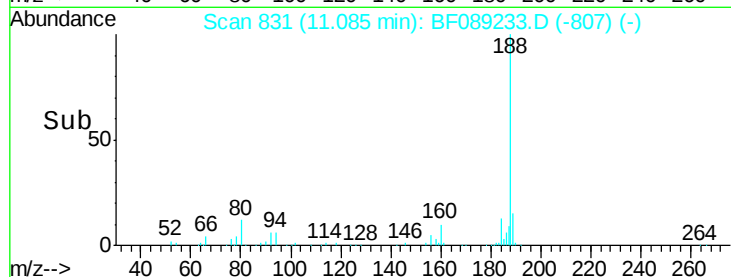
80 12.7 7.7 11.5#



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: 46.09 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

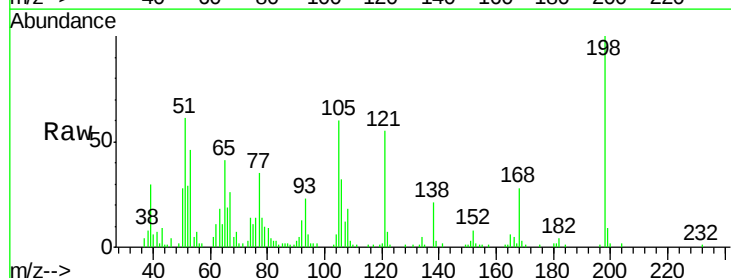
Tgt Ion:198 Resp: 47455

Ion Ratio Lower Upper

198 100

51 60.6 11.7 51.7#

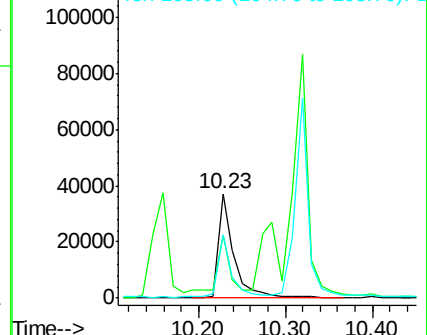
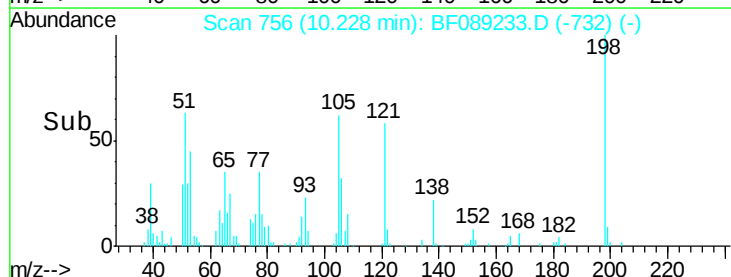
105 60.3 20.3 60.3



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: 47.77 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

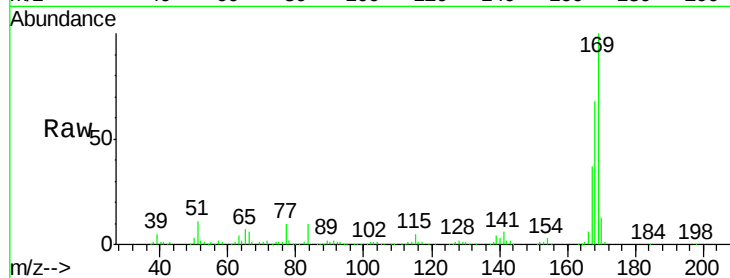
Tgt Ion:169 Resp: 282375

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

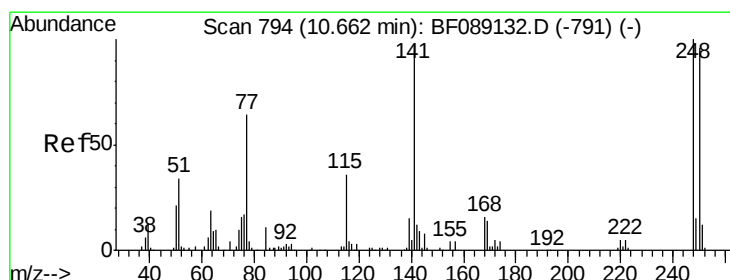
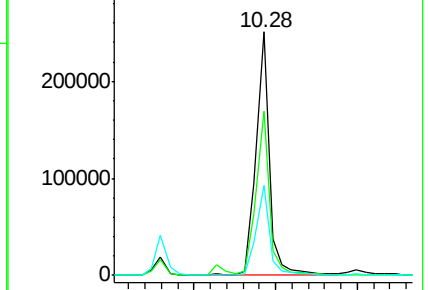
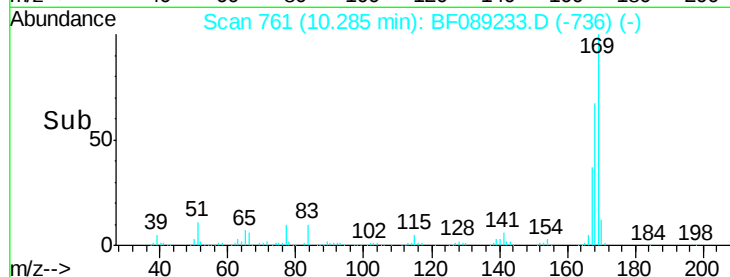
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.27 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

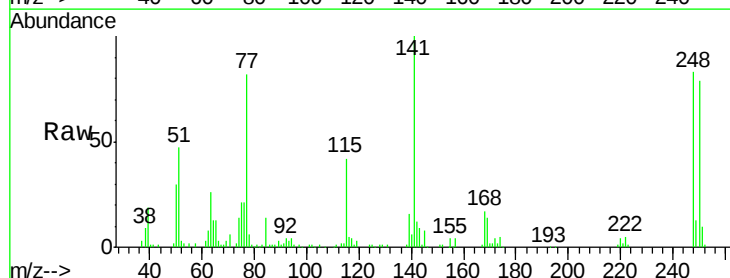
Tgt Ion:248 Resp: 80976

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

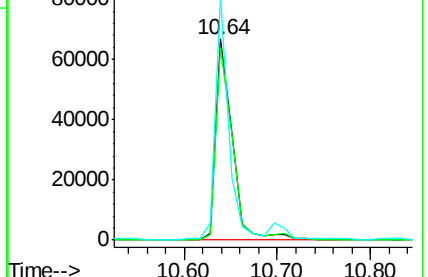
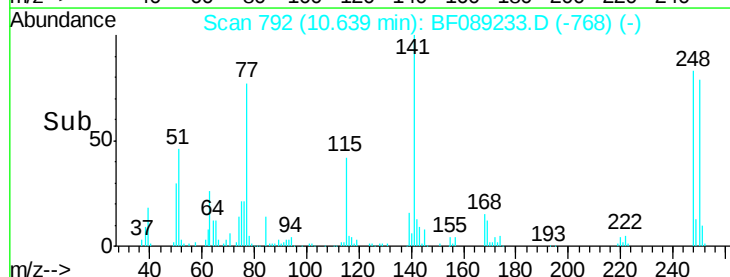
141 121.0 77.4 116.2#

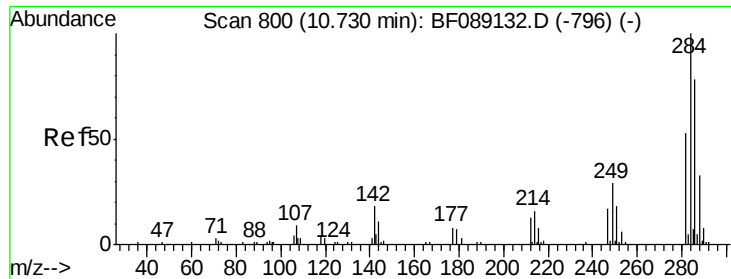


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

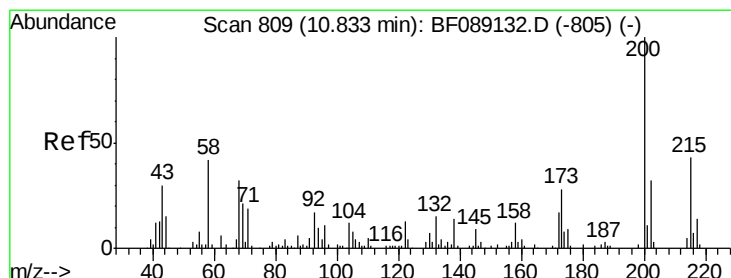
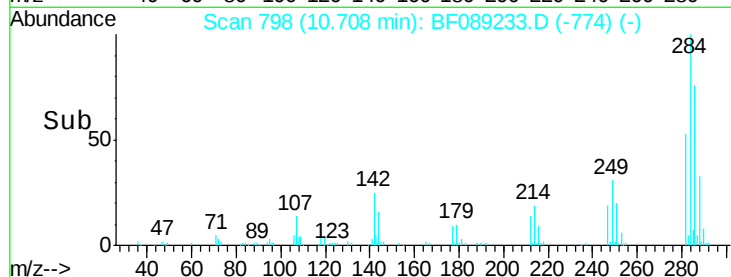
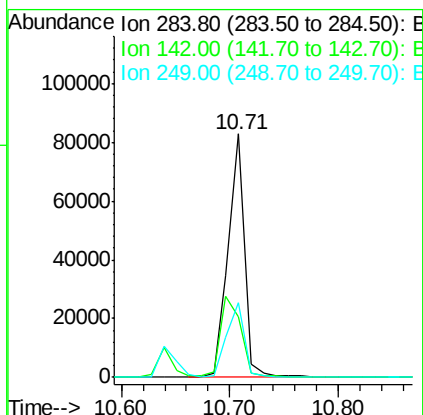
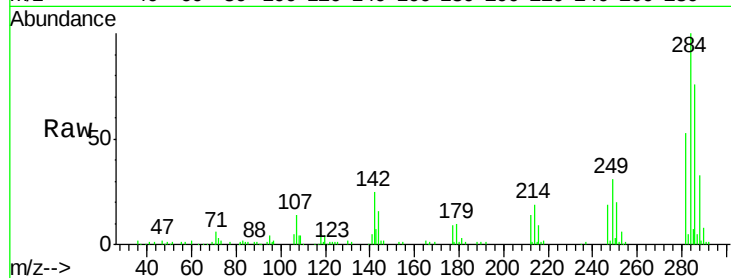




#67
Hexachlorobenzene
Concen: 46.17 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

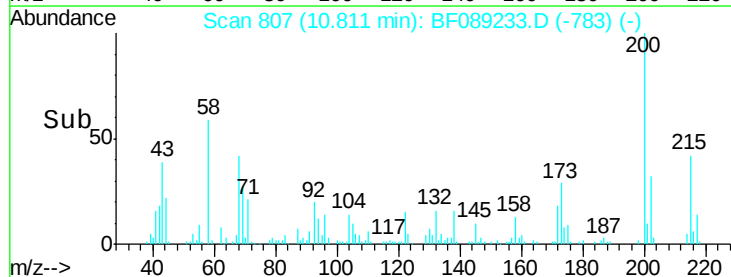
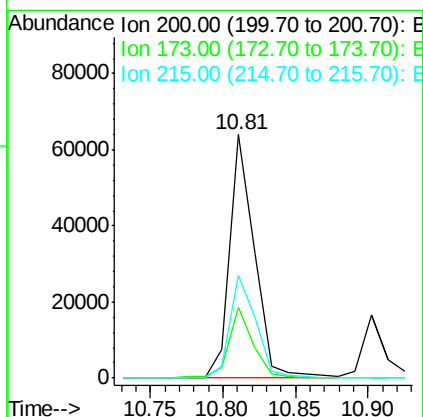
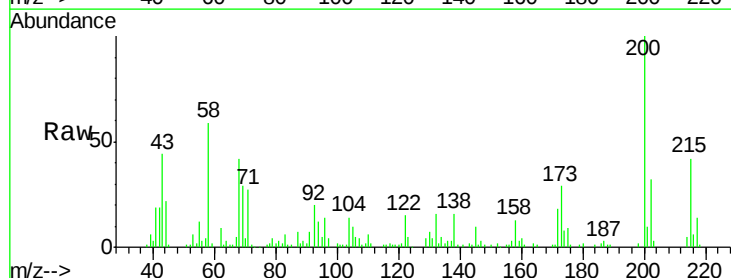
Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

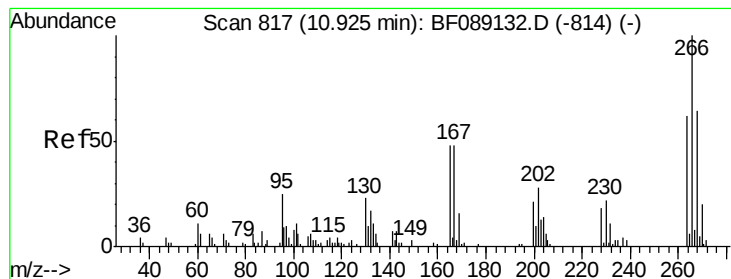
Tgt Ion: 284 Resp: 86918
Ion Ratio Lower Upper
284 100
142 25.1 14.1 21.1#
249 30.7 23.0 34.4



#68
Atrazine
Concen: 41.33 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 200 Resp: 76403
Ion Ratio Lower Upper
200 100
173 29.2 7.8 47.8
215 42.3 22.9 62.9





#69

Pentachlorophenol

Concen: 94.00 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

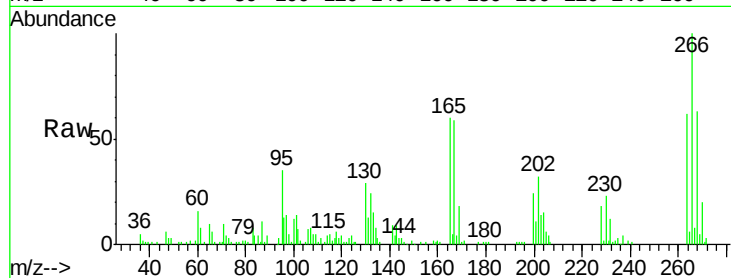
Tgt Ion:266 Resp: 81637

Ion Ratio Lower Upper

266 100

268 62.8 51.2 76.8

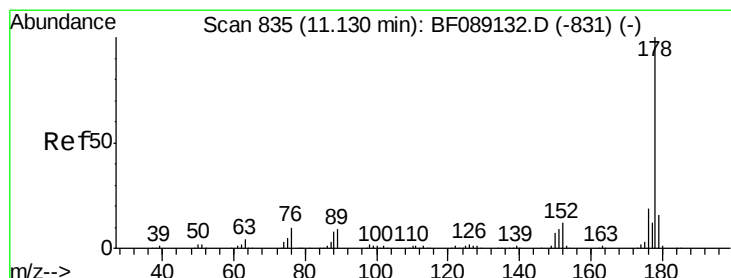
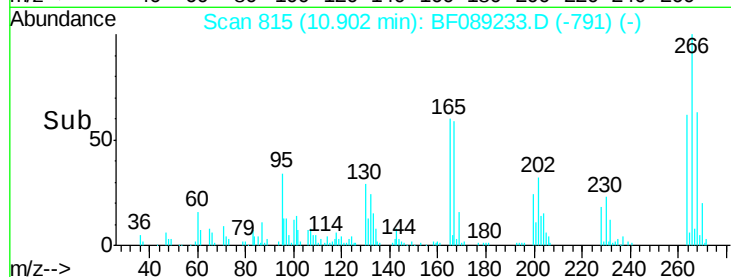
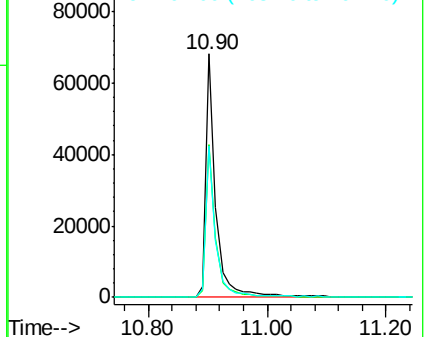
264 62.0 49.7 74.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.12 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

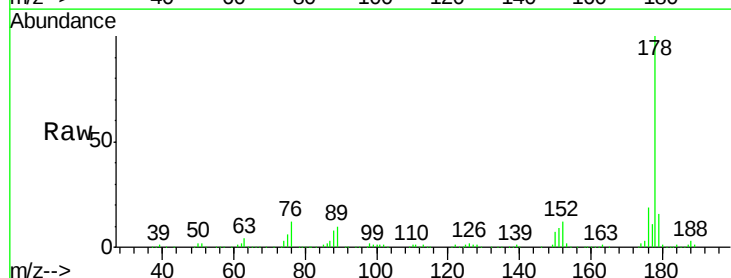
Tgt Ion:178 Resp: 428022

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

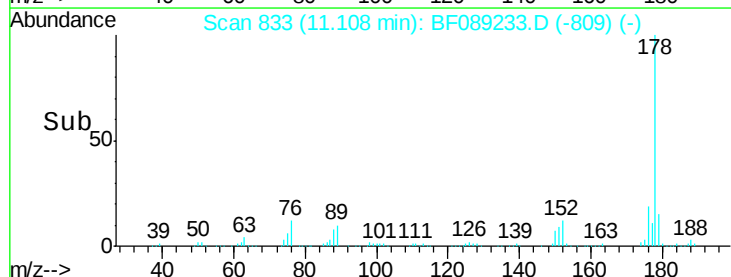
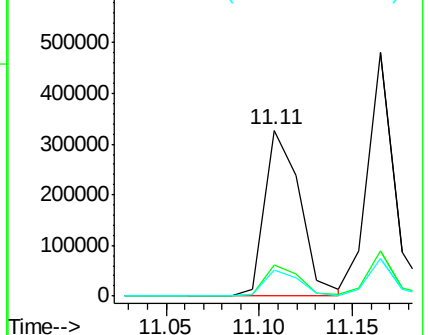
179 15.5 12.4 18.6

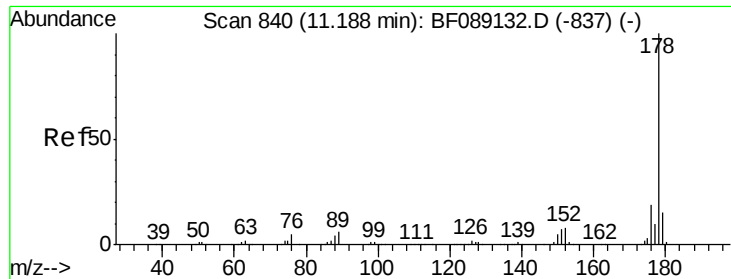


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

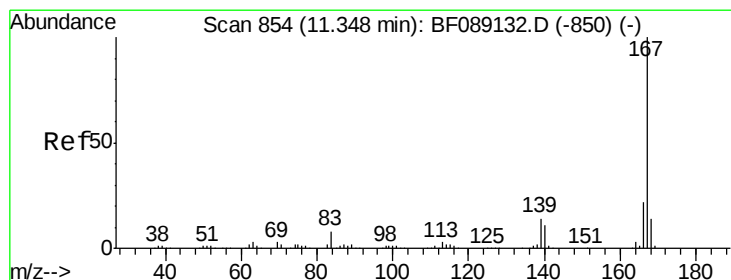
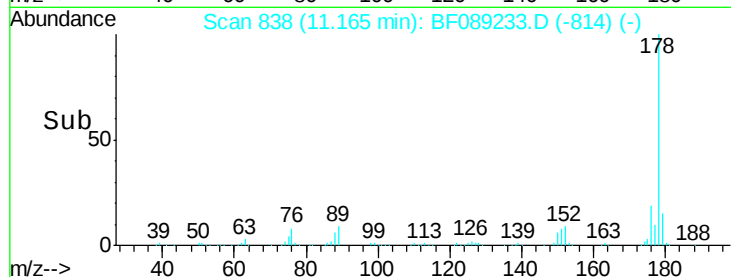
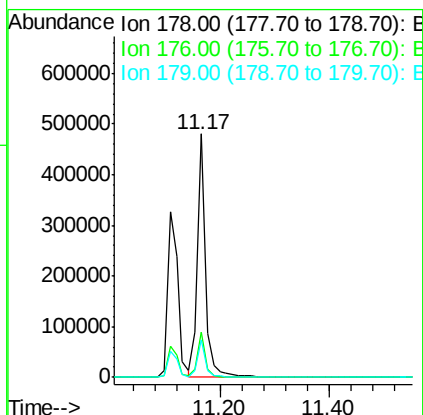
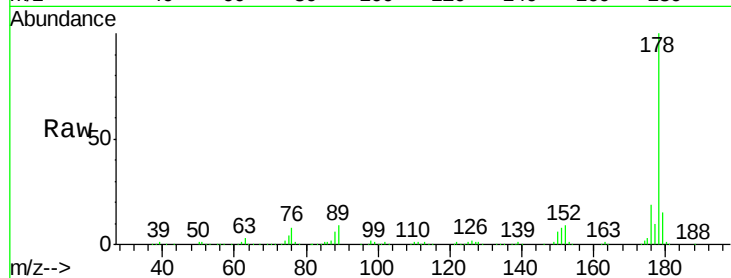




#71
 Anthracene
 Concen: 48.96 ng
 RT: 11.17 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

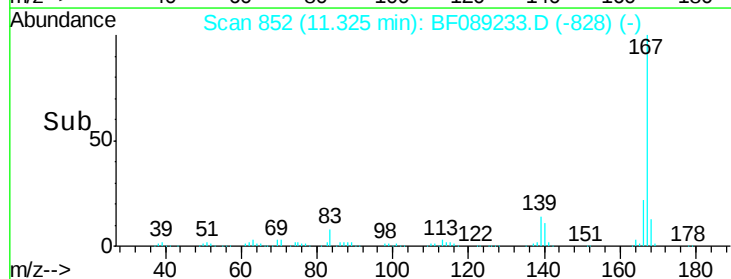
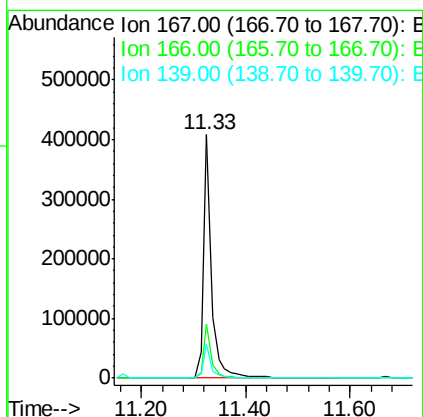
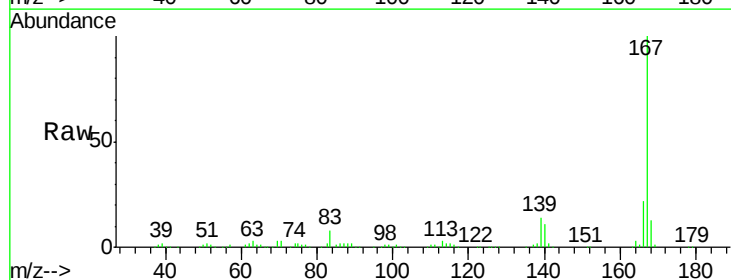
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

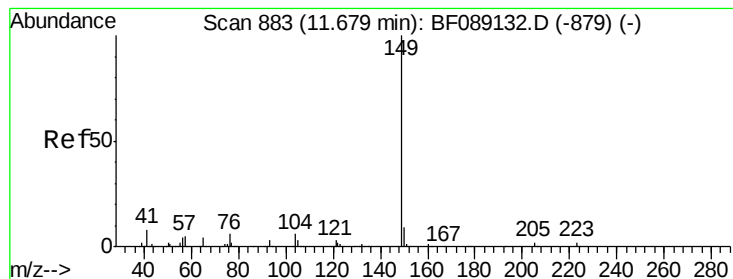
Tgt Ion:178 Resp: 493756
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.5 12.0 18.0



#72
 Carbazole
 Concen: 49.45 ng
 RT: 11.33 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:167 Resp: 438009
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.0 11.0 16.4





#73

Di-n-butylphthalate

Concen: 51.84 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

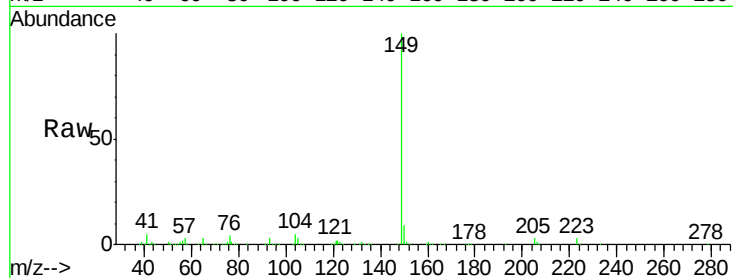
Tgt Ion:149 Resp: 567949

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

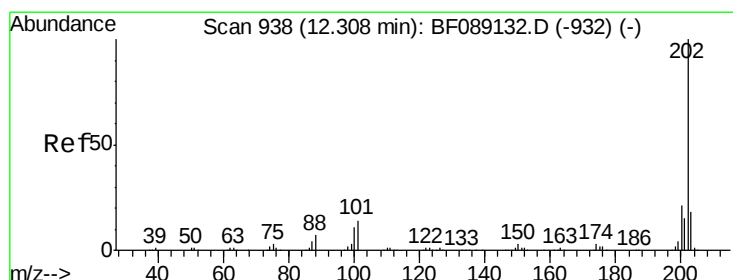
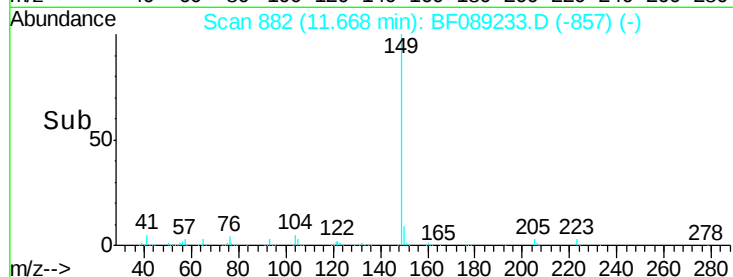
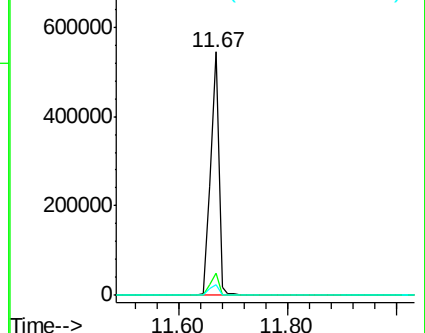
104 4.6 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.53 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

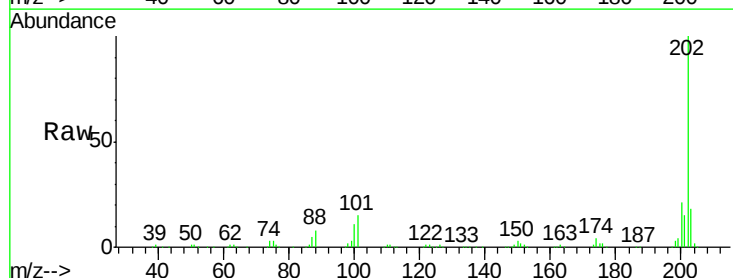
Tgt Ion:202 Resp: 443956

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.0

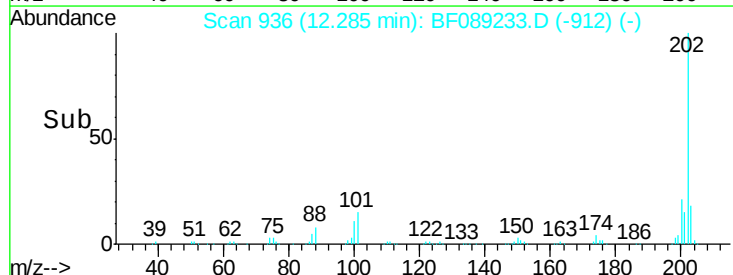
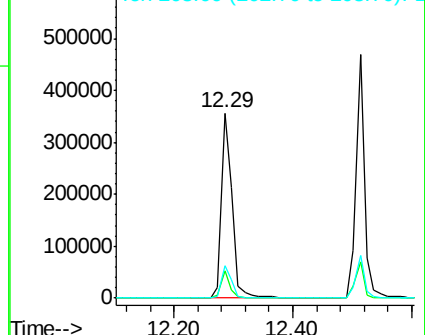
203 17.7 0.0 37.8

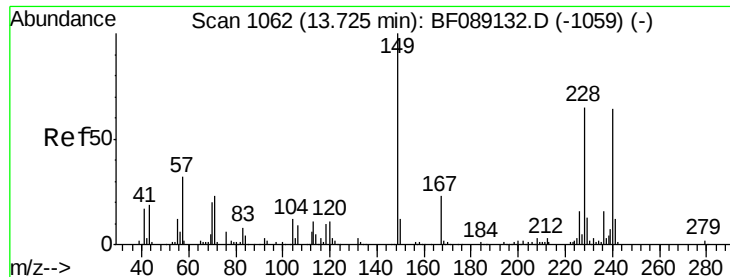


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

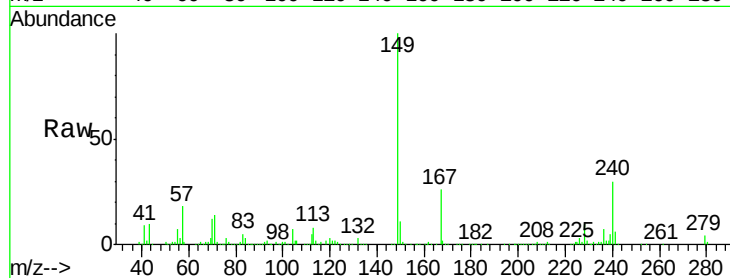
Tgt Ion:240 Resp: 109972

Ion Ratio Lower Upper

240 100

120 9.0 13.6 20.4#

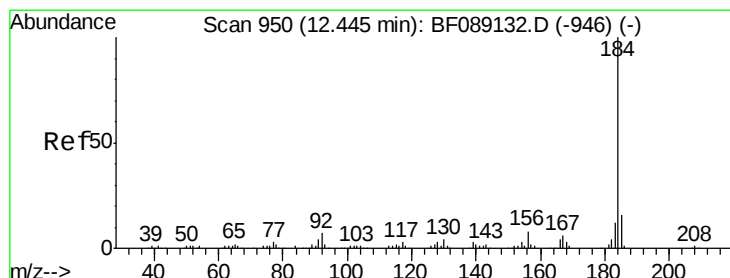
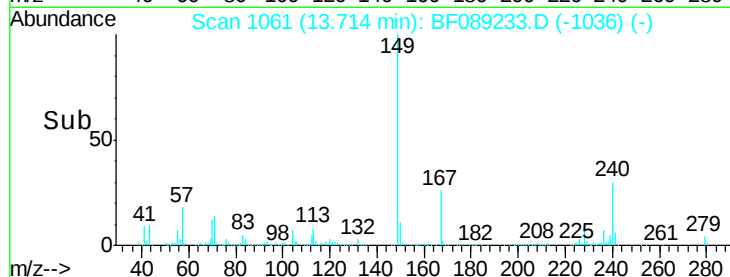
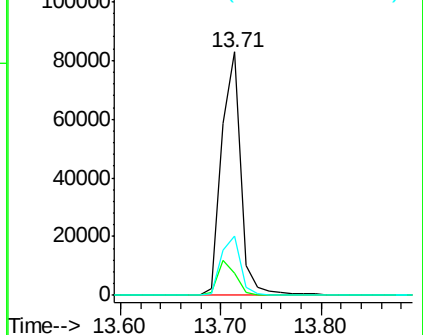
236 24.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.20 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

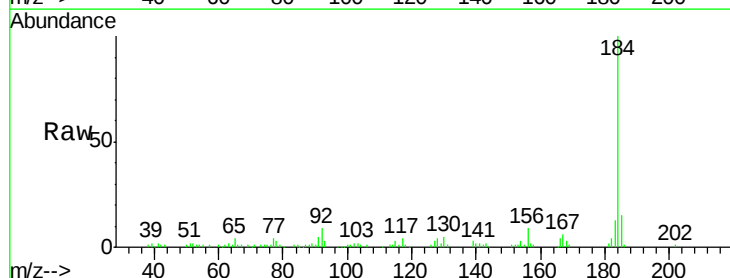
Tgt Ion:184 Resp: 121734

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

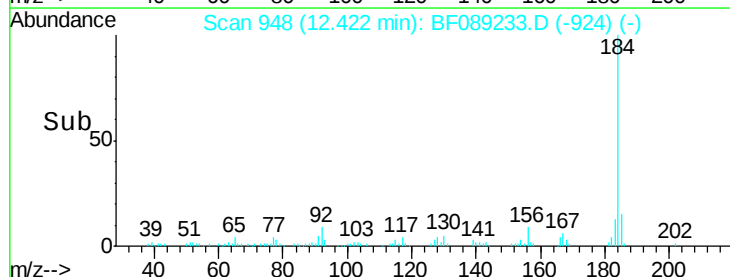
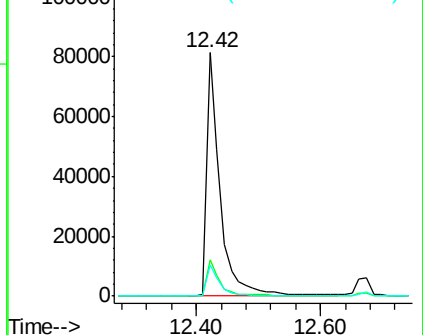
183 12.7 9.6 14.4

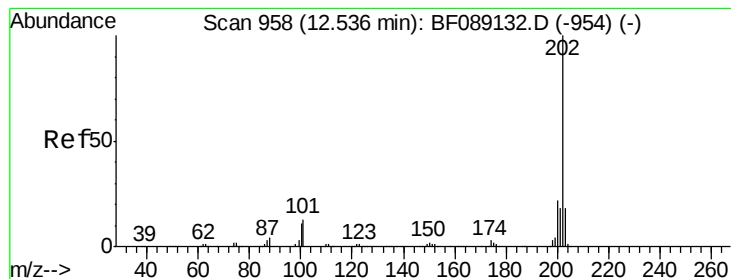


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.60 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

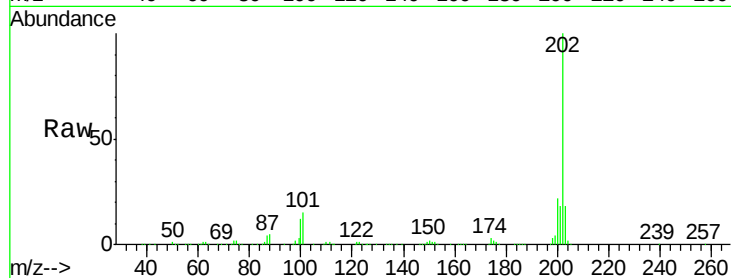
Tgt Ion:202 Resp: 459595

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

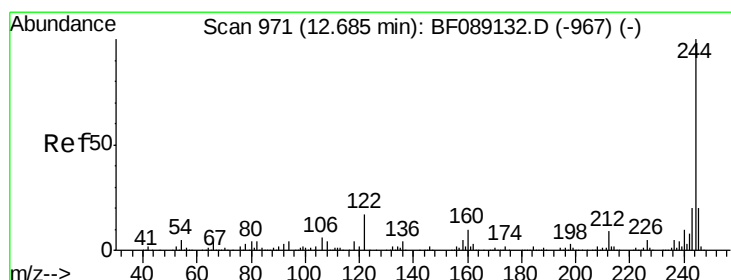
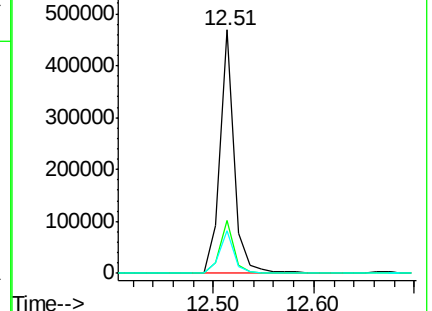
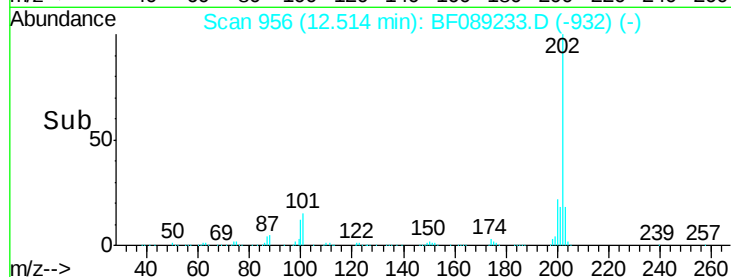
203 17.5 14.2 21.2



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: 108.49 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

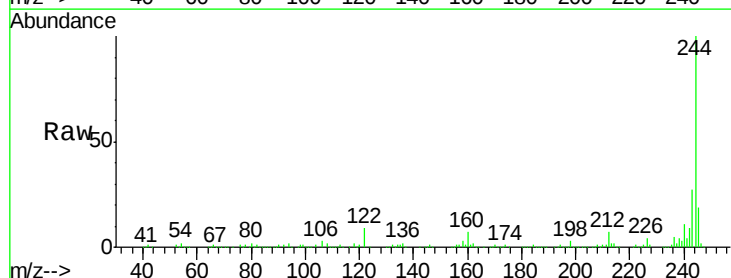
Tgt Ion:244 Resp: 550071

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

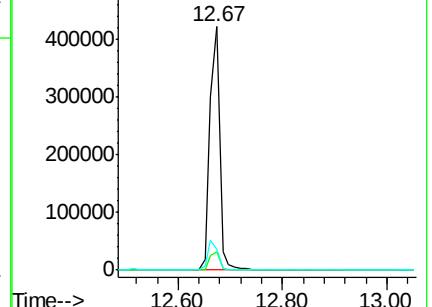
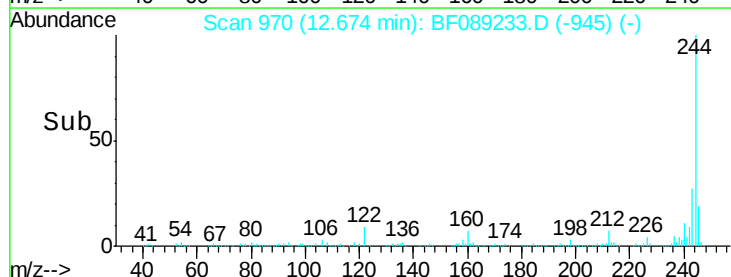
122 8.8 13.8 20.8#

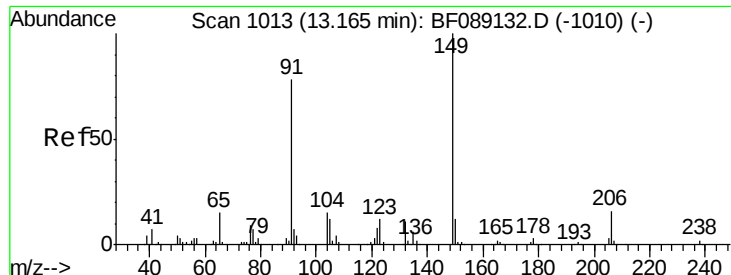


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

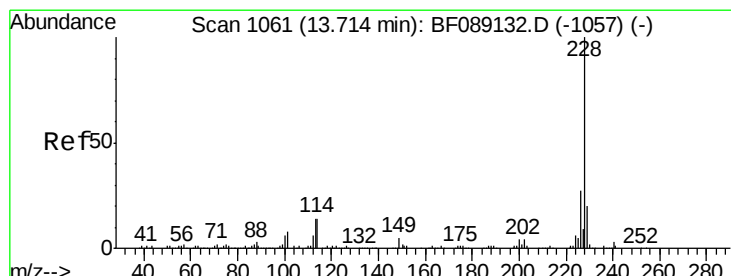
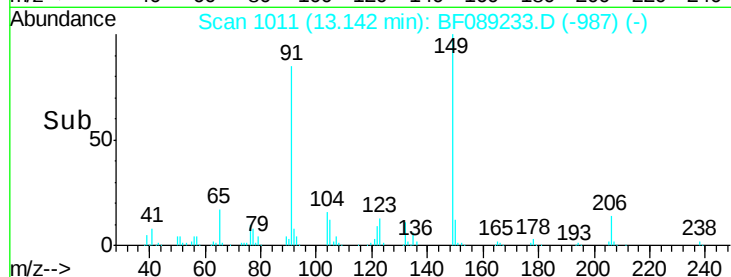
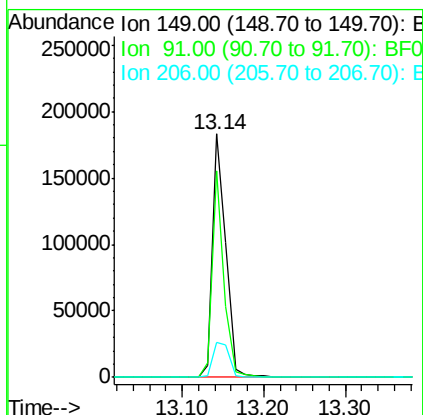
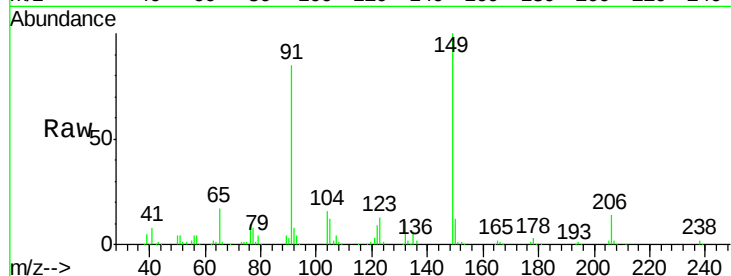




#79
Butylbenzylphthalate
Concen: 54.79 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

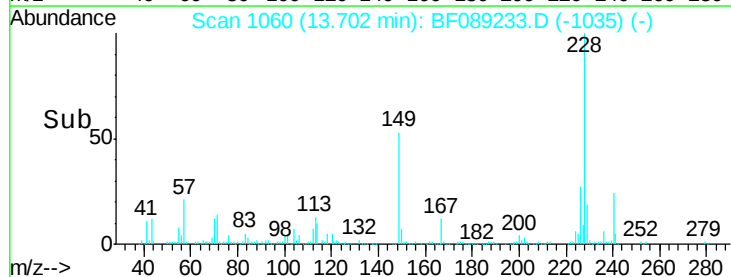
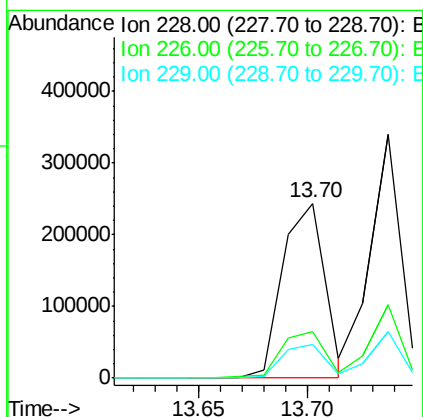
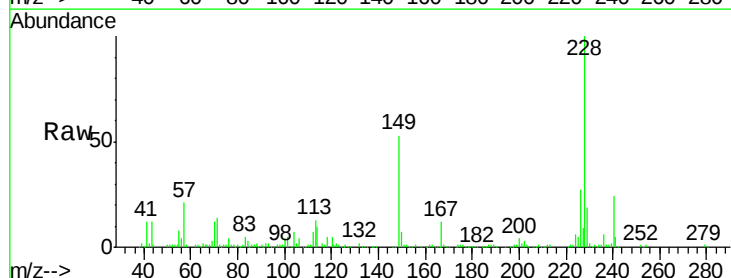
Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

Tgt Ion:149 Resp: 210496
Ion Ratio Lower Upper
149 100
91 84.6 62.6 93.8
206 14.4 13.2 19.8



#80
Benzo(a)anthracene
Concen: 47.47 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:228 Resp: 332483
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.5 15.8 23.8

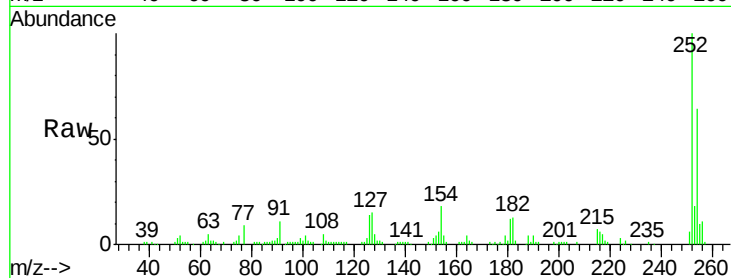




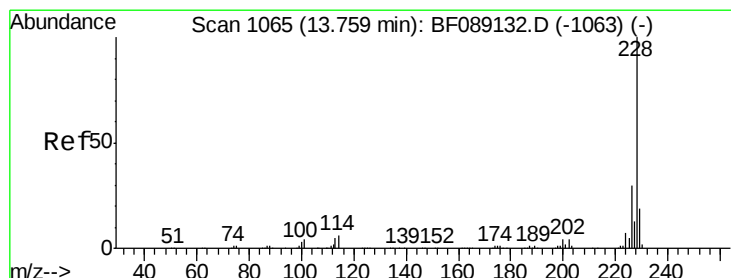
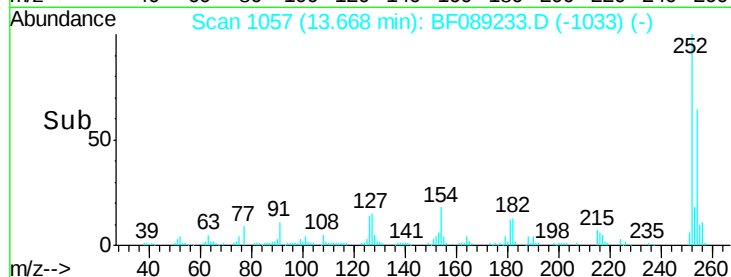
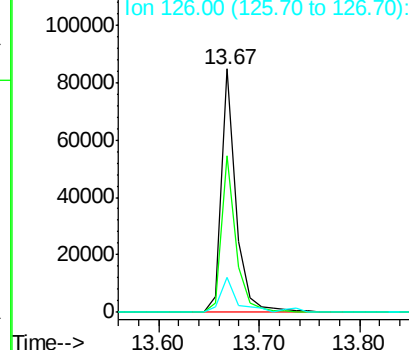
#81
 3,3'-Dichlorobenzidine
 Concen: 37.02 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

Tgt Ion: 252 Resp: 86001
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 14.3 10.2 15.2

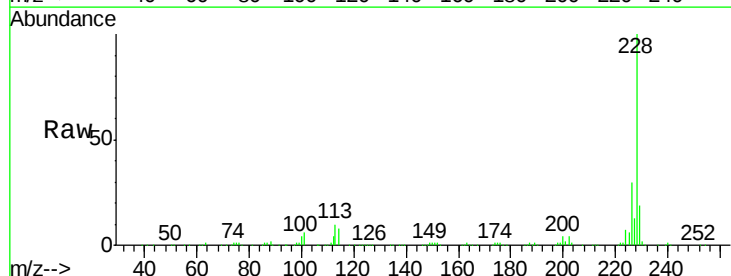


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

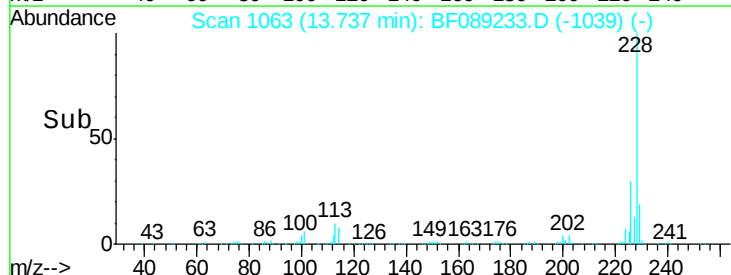
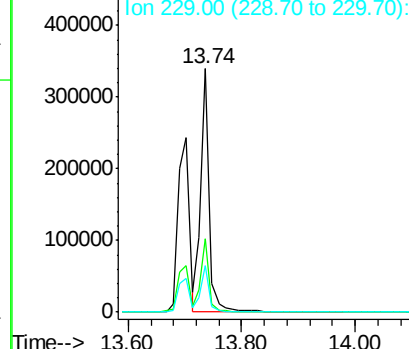


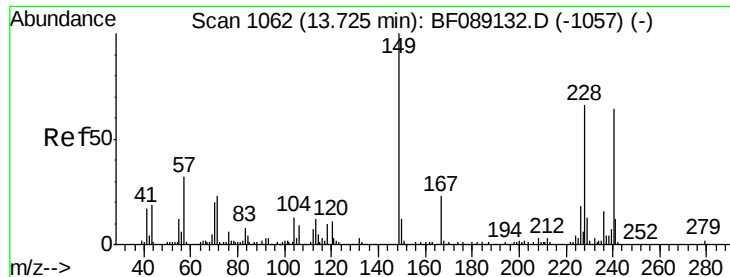
#82
 Chrysene
 Concen: 53.31 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion: 228 Resp: 356625
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.8 35.8
 229 19.0 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

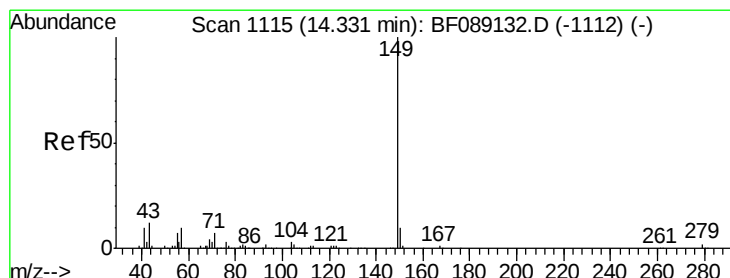
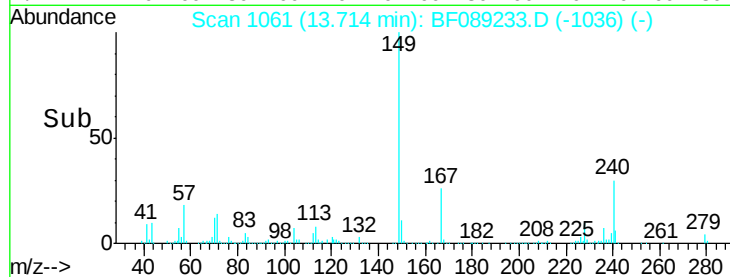
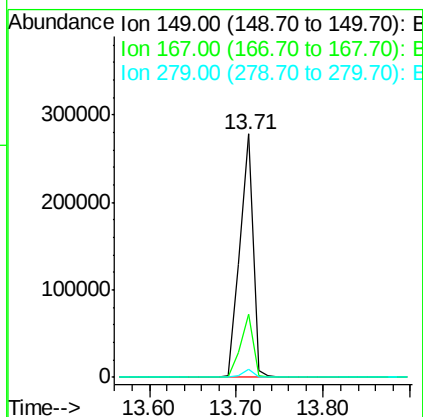
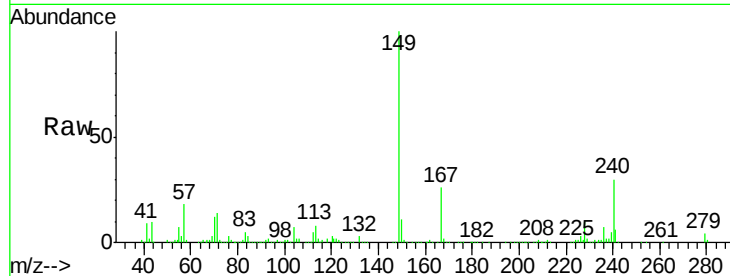




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.98 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

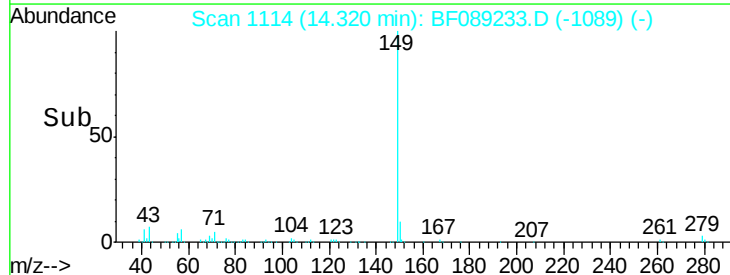
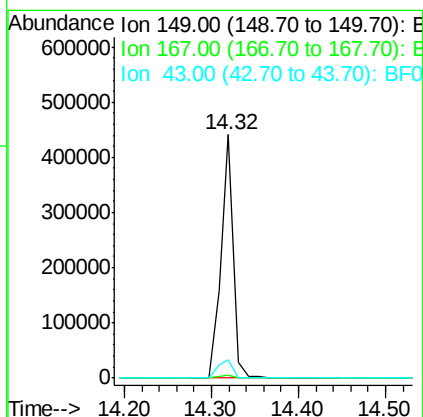
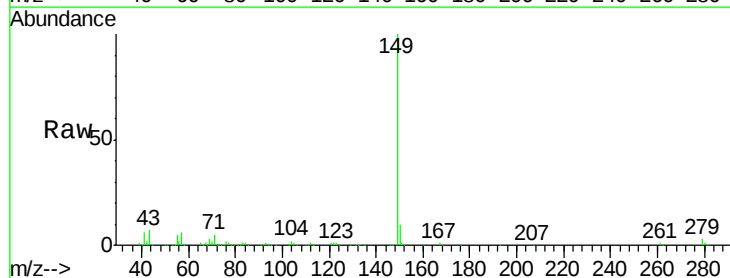
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

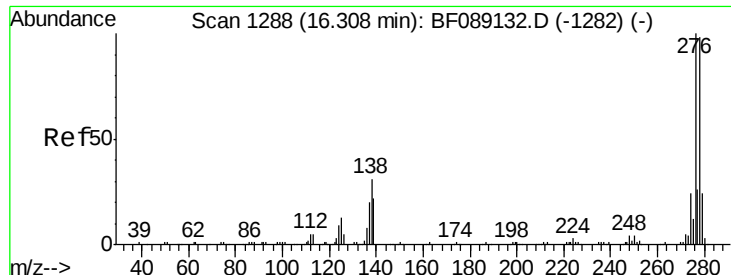
Tgt Ion:149 Resp: 290350
 Ion Ratio Lower Upper
 149 100
 167 26.0 18.6 28.0
 279 3.6 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 52.12 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:149 Resp: 438206
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.2 7.3 10.9

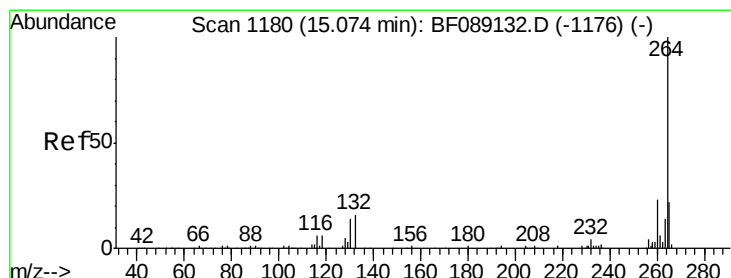
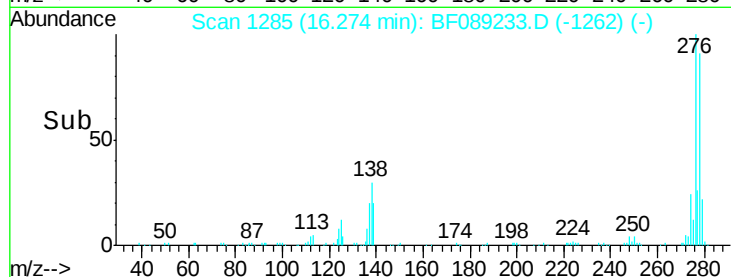
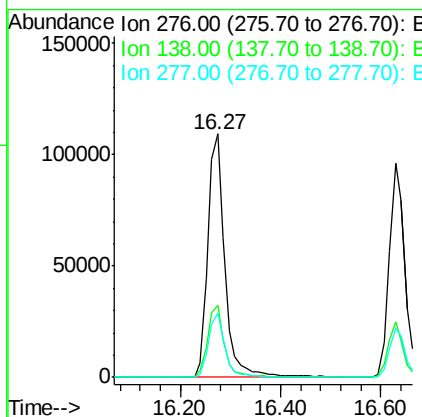
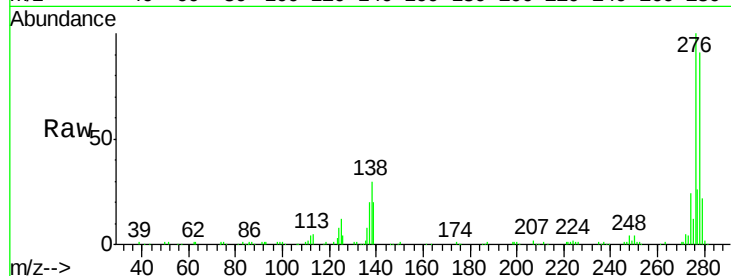




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.08 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

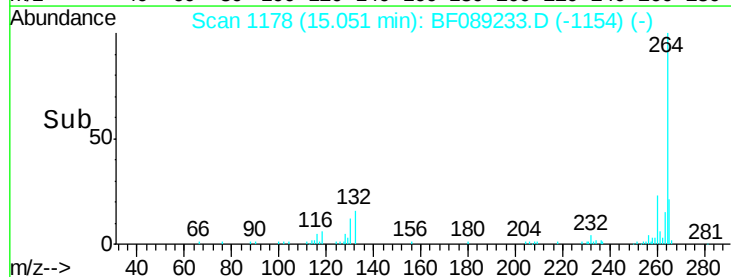
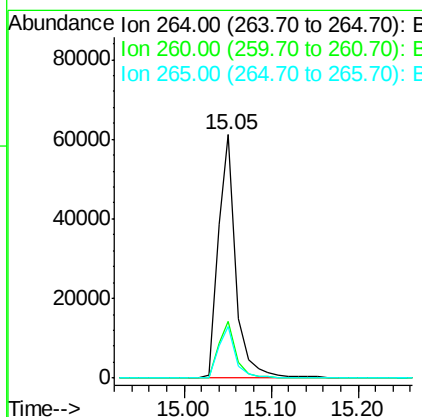
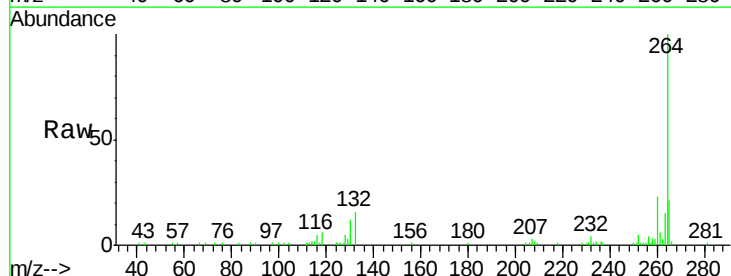
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS

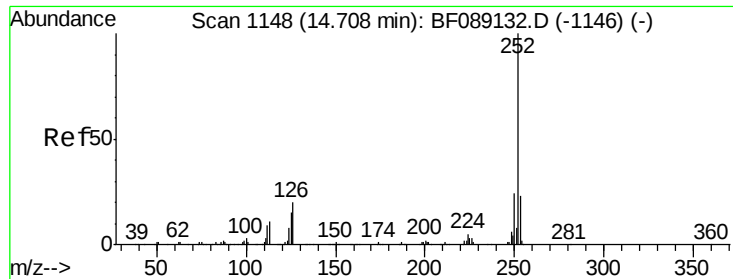
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.7	35.5
277	25.4	20.6	31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 86.66 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.01 min

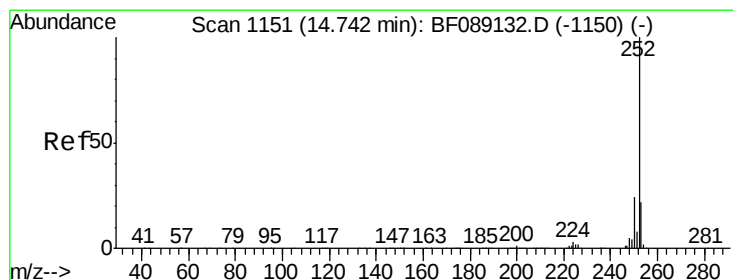
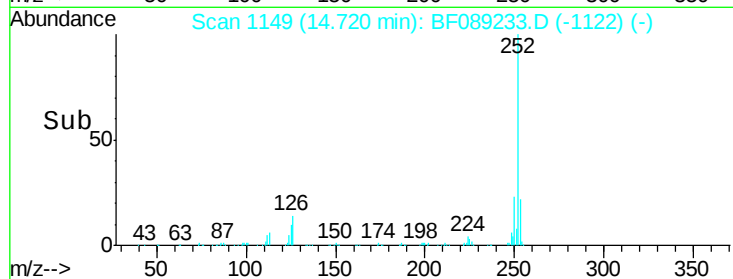
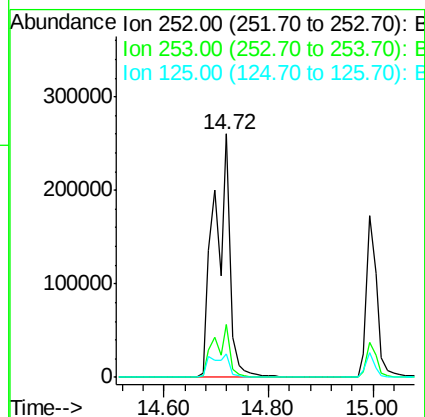
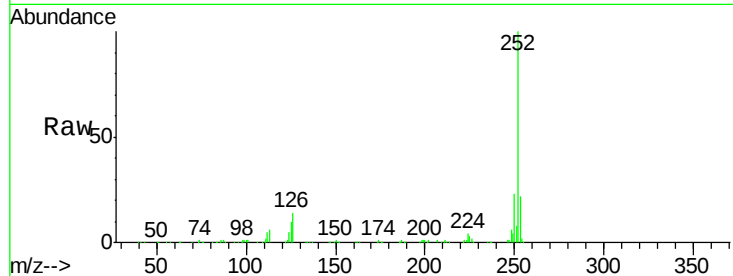
Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

Tgt Ion:252 Resp: 543474

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	9.7	11.9	17.9#



#88

Benzo(k)fluoranthene

Concen: 121.19 ng

RT: 14.72 min Scan# 1149

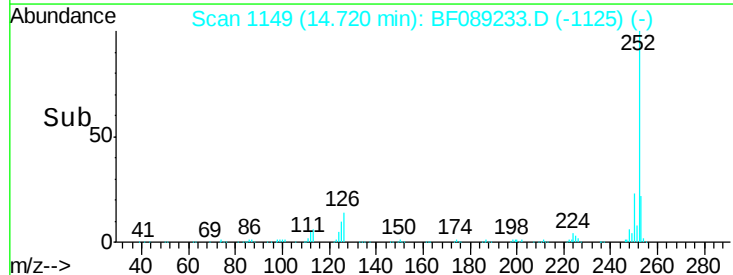
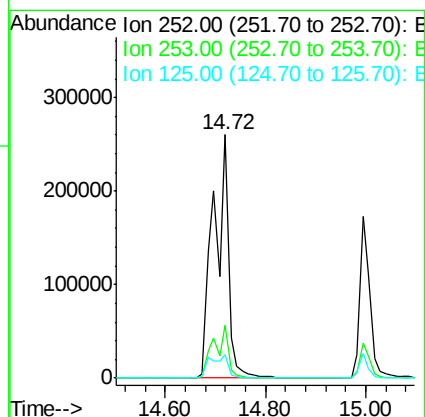
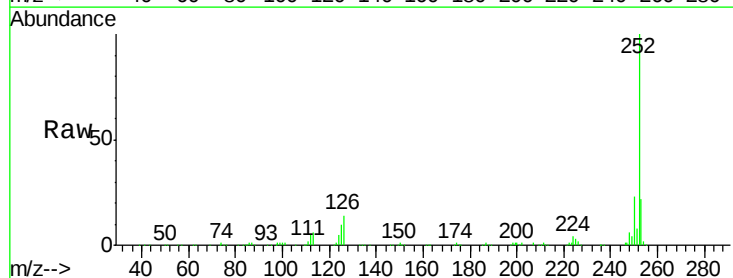
Delta R.T. -0.02 min

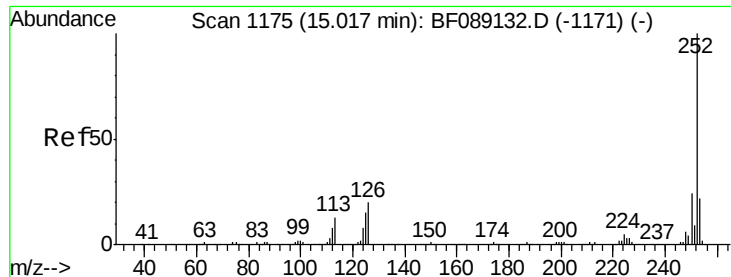
Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:252 Resp: 543481

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.7	6.3	9.5#

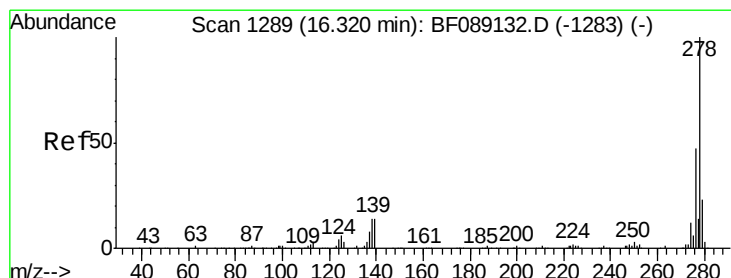
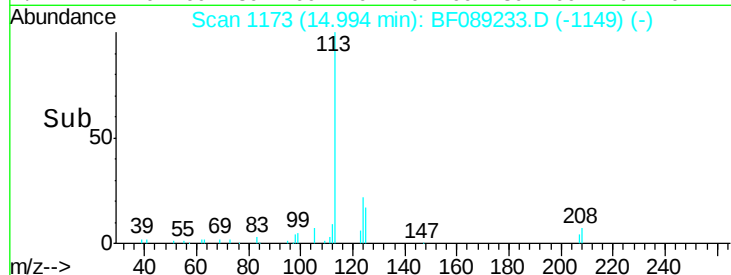
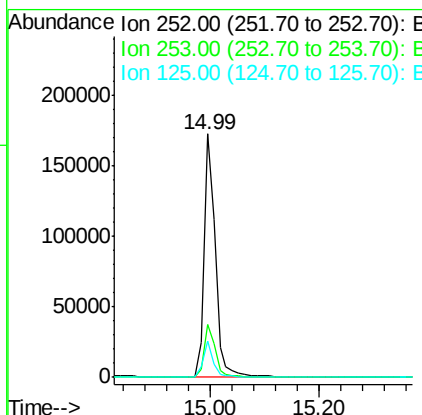
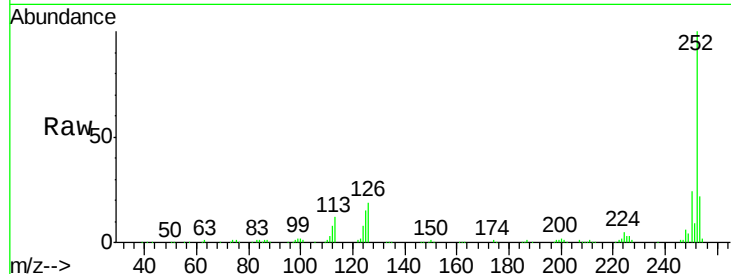




#89
Benzo(a)pyrene
Concen: 50.46 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

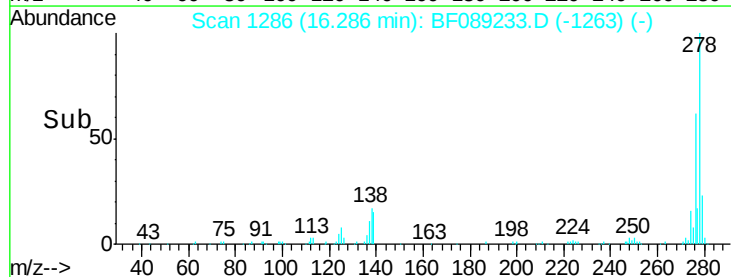
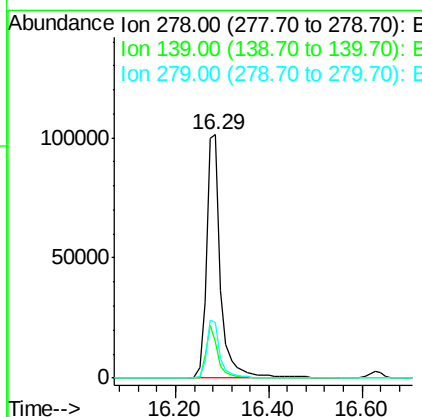
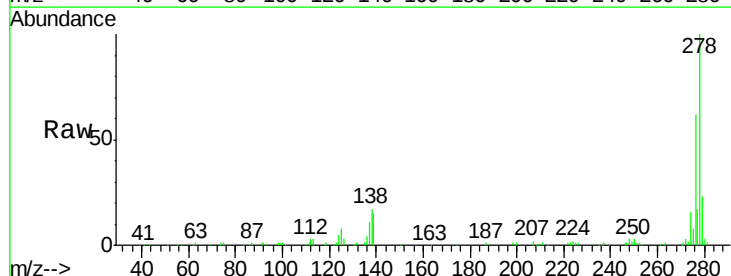
Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MS

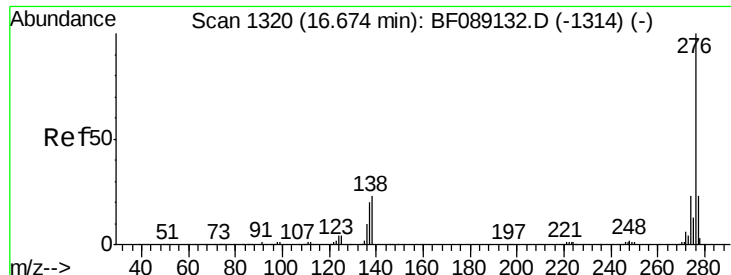
Tgt Ion: 252 Resp: 245671
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 15.1 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 56.46 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 278 Resp: 217031
Ion Ratio Lower Upper
278 100
139 15.2 11.4 17.2
279 22.7 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 56.98 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.05 min

Lab File: BF089233.D

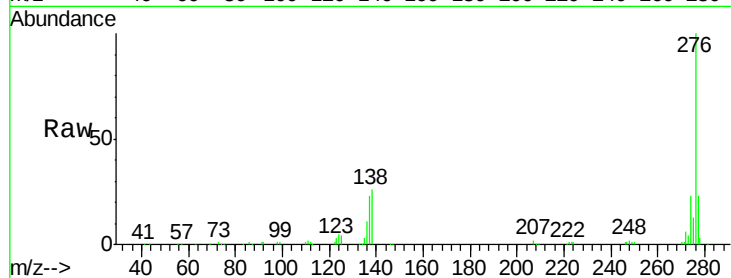
Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS



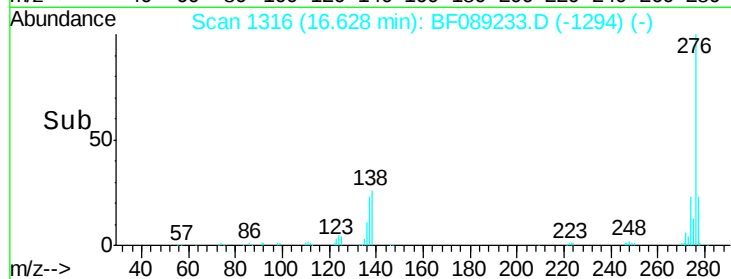
Tgt Ion: 276 Resp: 220825

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 25.8 18.5 27.7



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

