

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022481.D
 Acq On : 22 Jun 2016 00:54
 Operator : UM/SJ
 Sample : H3600-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MSD

Quant Time: Jun 22 13:51:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 02:15:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	21611	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	117798	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	72401	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	160178	20.00	ng	0.00
75) Chrysene-d12	21.64	240	133089	20.00	ng	0.00
86) Perylene-d12	24.84	264	117839	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	182667	163.43	ng	0.00
7) Phenol-d6	7.17	99	260475	148.22	ng	0.00
23) Nitrobenzene-d5	9.16	82	156466	92.60	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	87215	106.61	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	420885	88.59	ng	0.00
78) Terphenyl-d14	19.98	244	554946	98.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	18763	35.01	ng	# 69
3) Pyridine	3.76	79	52209	36.05	ng	98
4) n-Nitrosodimethylamine	3.67	42	14758	45.57	ng	# 98
6) Aniline	7.31	93	65249m	29.22	ng	
8) 2-Chlorophenol	7.55	128	75159	48.65	ng	# 81
10) Phenol	7.20	94	85787	47.35	ng	79
11) bis(2-Chloroethyl)ether	7.40	93	69689	48.24	ng	# 71
12) 1,3-Dichlorobenzene	7.87	146	64929	39.21	ng	# 91
13) 1,4-Dichlorobenzene	8.02	146	68158	41.31	ng	94
14) 1,2-Dichlorobenzene	8.33	146	68740	41.33	ng	95
15) Benzyl Alcohol	8.24	79	53347	46.98	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.52	45	69204	46.17	ng	80
17) 2-Methylphenol	8.45	107	65864	48.71	ng	# 83
18) Hexachloroethane	9.06	117	25788	42.80	ng	90
19) n-Nitroso-di-n-propylamine	8.79	70	54864	46.12	ng	# 67
20) 3+4-Methylphenols	8.79	107	89190	45.99	ng	97
22) Acetophenone	8.82	105	108947	42.92	ng	# 81
24) Nitrobenzene	9.20	77	77642	45.70	ng	# 83
25) Isophorone	9.72	82	170743	43.19	ng	# 95
26) 2-Nitrophenol	9.92	139	41892	45.47	ng	# 73
27) 2,4-Dimethylphenol	9.99	122	78820	47.26	ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	102866	45.42	ng	94
29) 2,4-Dichlorophenol	10.47	162	69434	44.94	ng	95
30) 1,2,4-Trichlorobenzene	10.67	180	67877	39.32	ng	97
31) Naphthalene	10.86	128	261437	44.46	ng	97
32) Benzoic acid	10.16	122	25316	45.43	ng	# 75
33) 4-Chloroaniline	10.99	127	12739	5.21	ng	# 92
34) Hexachlorobutadiene	11.13	225	32676	35.26	ng	97
35) Caprolactam	11.76	113	30014m	35.42	ng	
36) 4-Chloro-3-methylphenol	12.12	107	86360	47.16	ng	# 87
37) 2-Methylnaphthalene	12.46	142	183898	42.36	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	73536	39.46	ng	98
40) Hexachlorocyclopentadiene	12.79	237	26683	31.42	ng	94
42) 2,4,6-Trichlorophenol	13.08	196	54247	43.39	ng	99

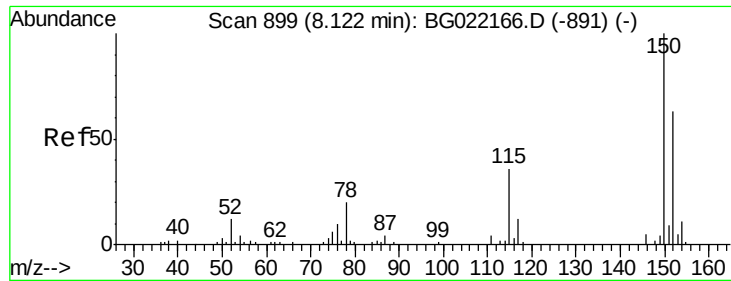
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022481.D
 Acq On : 22 Jun 2016 00:54
 Operator : UM/SJ
 Sample : H3600-01MSD
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Quant Time: Jun 22 13:51:37 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 02:15:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	56469	40.88	nq	95
45) 1,1'-Biphenyl	13.46	154	244953	44.96	nq	95
46) 2-Chloronaphthalene	13.51	162	187447	44.88	nq	96
47) 2-Nitroaniline	13.73	65	47472	47.67	nq	# 59
48) Acenaphthylene	14.36	152	331426	45.22	nq	97
49) Dimethylphthalate	14.09	163	260531	43.40	nq	100
50) 2,6-Dinitrotoluene	14.22	165	58418	44.76	nq	# 80
51) Acenaphthene	14.70	154	196096	44.66	nq	94
52) 3-Nitroaniline	14.56	138	26442	18.27	nq	85
53) 2,4-Dinitrophenol	14.77	184	39878	75.54	nq	# 74
54) Dibenzofuran	15.03	168	306779	44.77	nq	98
55) 4-Nitrophenol	14.91	139	56810	56.87	nq	# 74
56) 2,4-Dinitrotoluene	15.02	165	81035	46.29	nq	# 85
57) Fluorene	15.68	166	259193	43.91	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	44517	35.93	nq	89
59) Diethylphthalate	15.44	149	279600	43.60	nq	97
60) 4-Chlorophenyl-phenylether	15.67	204	111603	41.75	nq	95
61) 4-Nitroaniline	15.73	138	52805m	34.40	nq	
62) Azobenzene	15.96	77	231851	47.74	nq	86
64) 4,6-Dinitro-2-methylphenol	15.78	198	32726	41.17	nq	84
65) n-Nitrosodiphenylamine	15.88	169	218878	47.44	nq	97
66) 4-Bromophenyl-phenylether	16.56	248	63771	42.49	nq	99
67) Hexachlorobenzene	16.68	284	65977	37.72	nq	93
68) Atrazine	16.83	200	67993	39.81	nq	97
69) Pentachlorophenol	17.04	266	38177	50.84	nq	97
70) Phenanthrene	17.42	178	387465	44.54	nq	98
71) Anthracene	17.51	178	384292	44.54	nq	97
72) Carbazole	17.79	167	353231	43.23	nq	97
73) Di-n-butylphthalate	18.32	149	491968	46.05	nq	# 98
74) Fluoranthene	19.43	202	415322	41.53	nq	94
76) Benzidine	19.63	184	69387	19.94	nq	99
77) Pyrene	19.79	202	411630	49.75	nq	99
79) Butylbenzylphthalate	20.66	149	212967	55.50	nq	93
80) Benzo(a)anthracene	21.62	228	344985	46.23	nq	99
81) 3,3'-Dichlorobenzidine	21.54	252	45160	21.55	nq	# 95
82) Chrysene	21.68	228	322576	44.42	nq	99
83) Bis(2-ethylhexyl)phthalate	21.50	149	308224	54.62	nq	# 95
84) Di-n-octyl phthalate	22.69	149	508131	54.23	nq	# 85
85) Indeno(1,2,3-cd)pyrene	28.52	276	338103	41.50	nq	# 77
87) Benzo(b)fluoranthene	23.82	252	315198	45.86	nq	# 95
88) Benzo(k)fluoranthene	23.89	252	315980	46.70	nq	# 93
89) Benzo(a)pyrene	24.69	252	304605	46.35	nq	# 91
90) Dibenzo(a,h)anthracene	28.56	278	273858	44.25	nq	# 89
91) Benzo(g,h,i)perylene	29.66	276	277930	43.16	nq	# 86

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

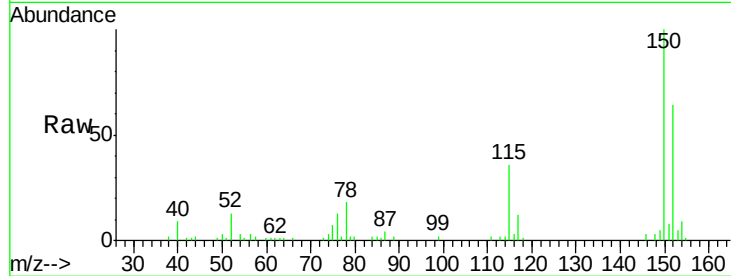


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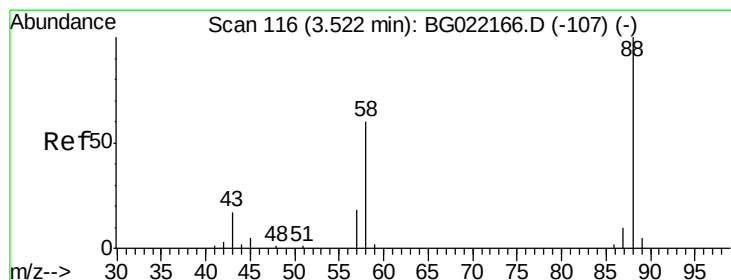
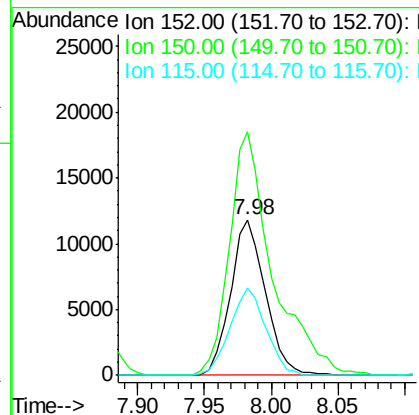
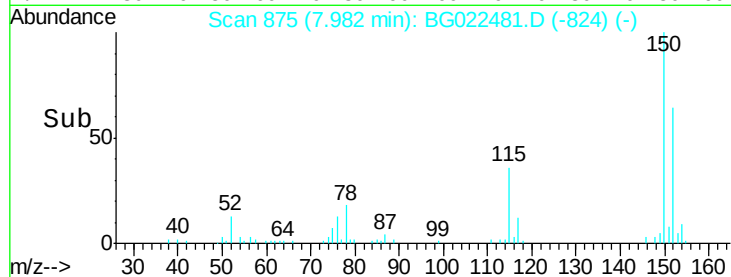
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion:152 Resp: 21611
Ion Ratio Lower Upper
152 100
150 156.7 130.1 195.1
115 56.0 62.2 93.2#



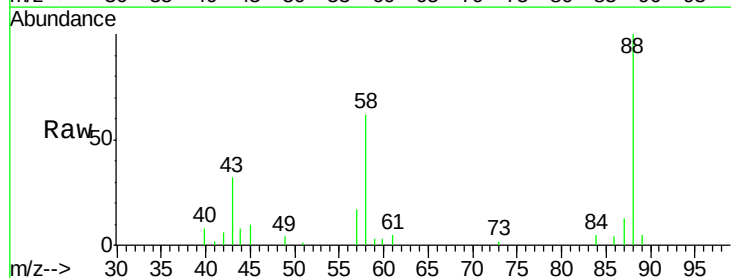
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



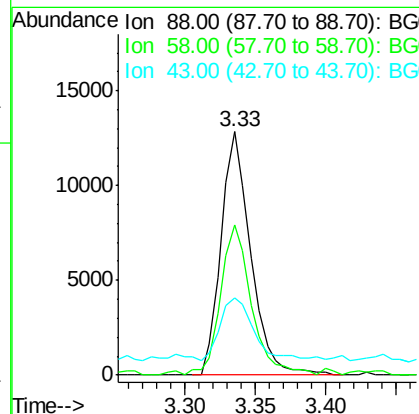
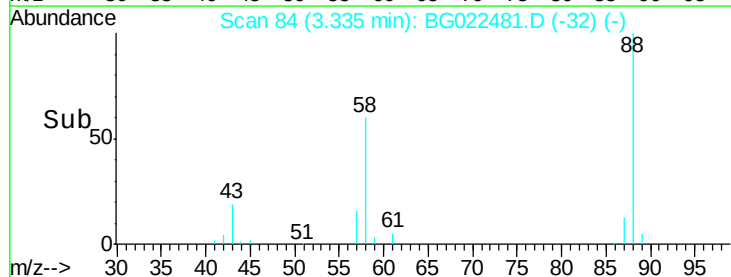
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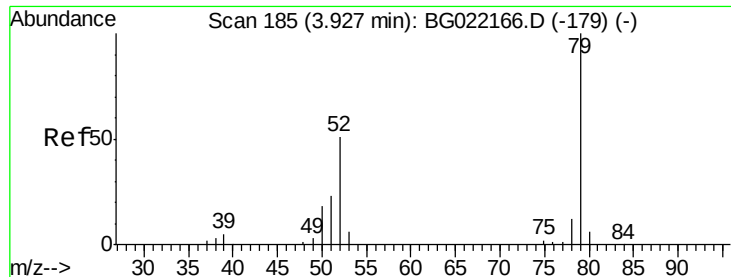
1,4-Dioxane
Concen: 35.01 ng
RT: 3.33 min Scan# 84
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 88 Resp: 18763
Ion Ratio Lower Upper
88 100
58 64.8 36.8 55.2#
43 29.2 10.4 15.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.05 ng

RT: 3.76 min Scan# 156

Delta R.T. 0.01 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

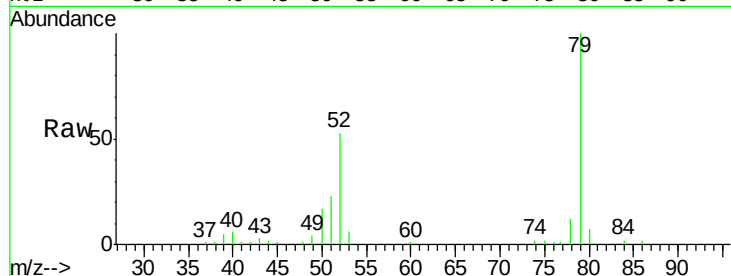
Tot Ion: 79 Resp: 52209

Ion Ratio Lower Upper

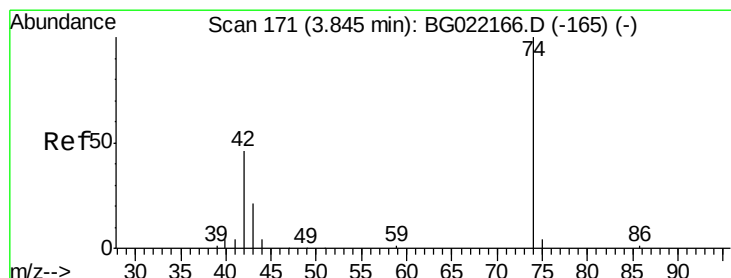
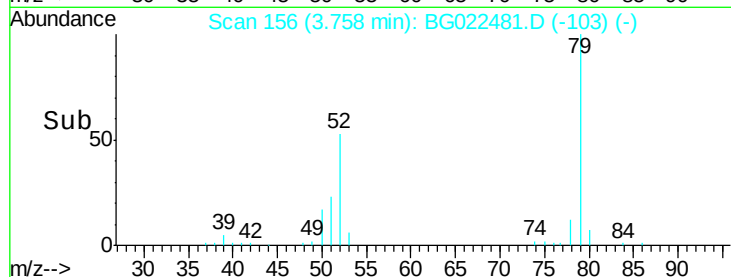
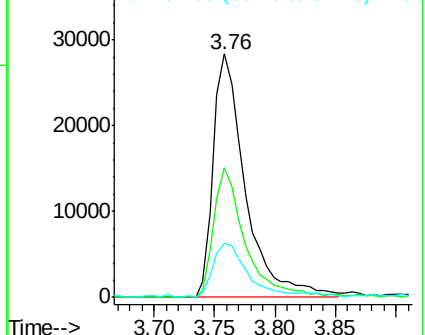
79 100

52 53.1 41.6 62.4

51 22.5 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.57 ng

RT: 3.67 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

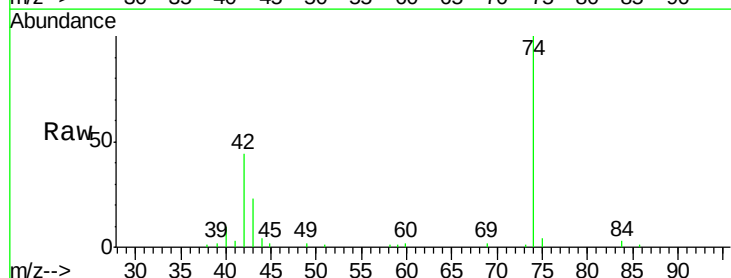
Tgt Ion: 42 Resp: 14758

Ion Ratio Lower Upper

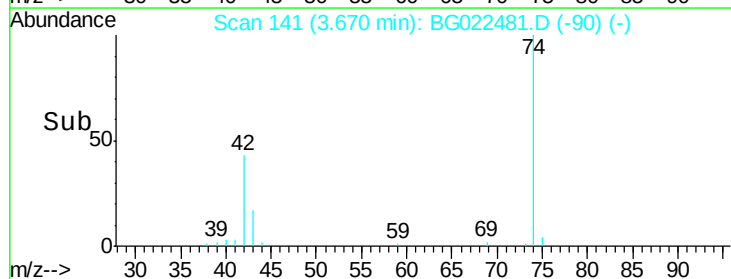
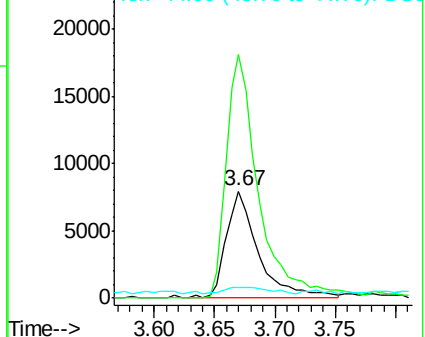
42 100

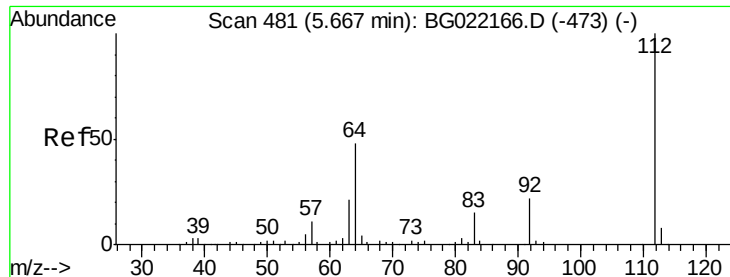
74 227.4 184.0 276.0

44 10.0 11.0 16.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 163.43 ng

RT: 5.54 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

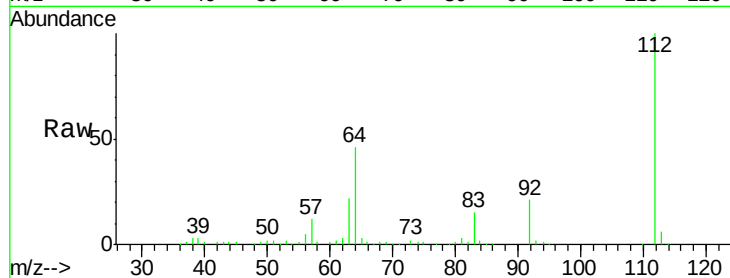
Tot Ion:112 Resp: 182667

Ion Ratio Lower Upper

112 100

64 45.9 51.1 76.7#

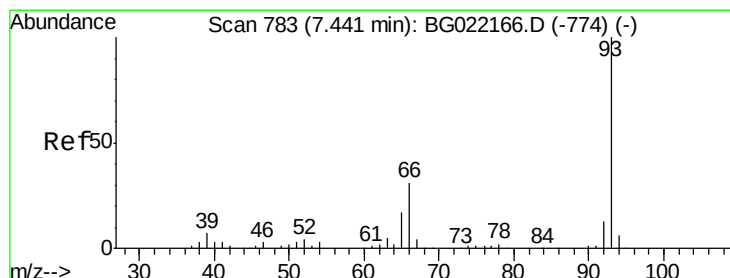
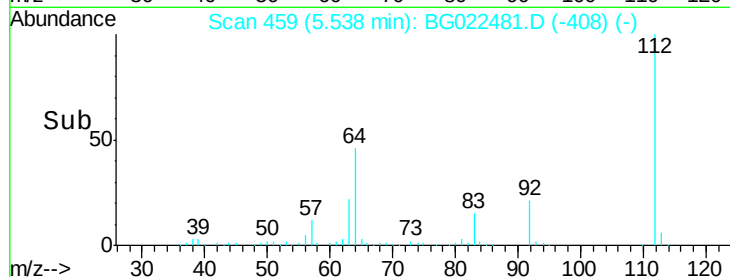
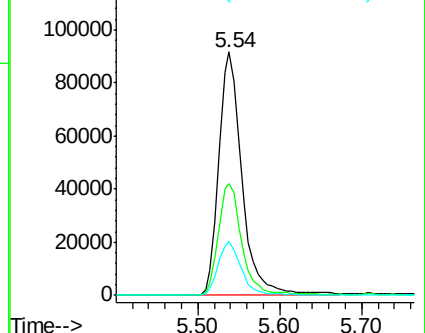
63 22.4 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.22 ng m

RT: 7.31 min Scan# 760

Delta R.T. -0.10 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

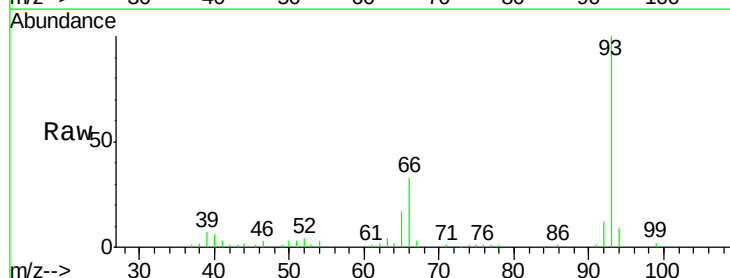
Tgt Ion: 93 Resp: 65249

Ion Ratio Lower Upper

93 100

66 32.7 36.3 54.5#

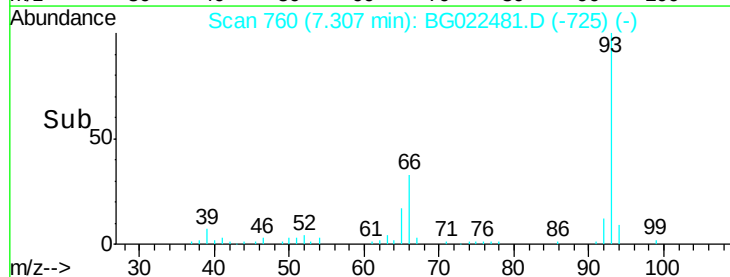
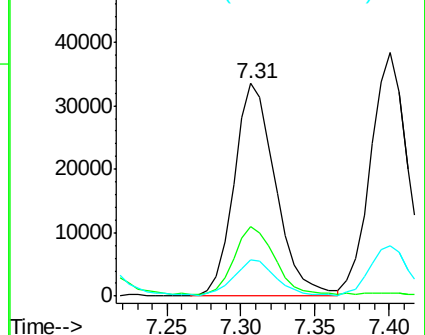
65 16.9 18.4 27.6#

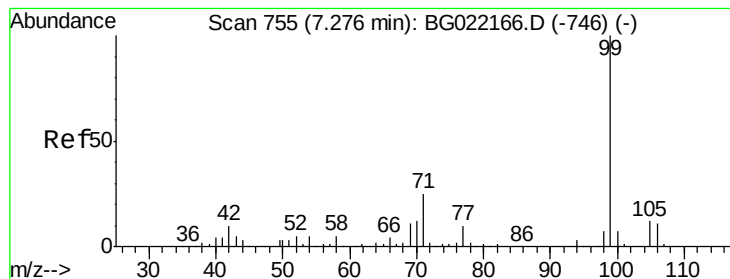


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.22 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

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ClientSampleId :

PM-STA-1363(0-4)MSD

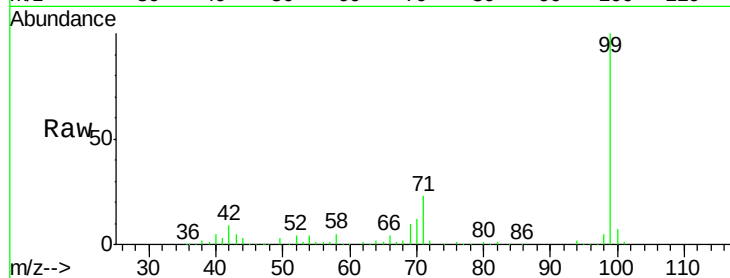
Tot Ion: 99 Resp: 260475

Ion Ratio Lower Upper

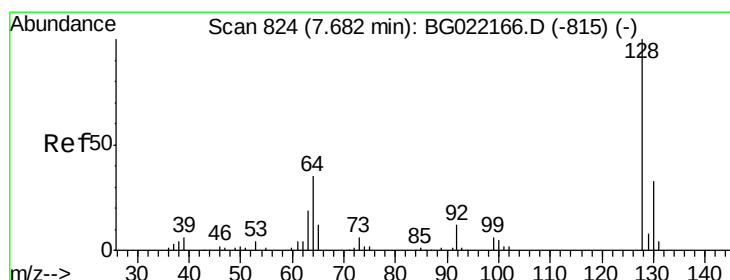
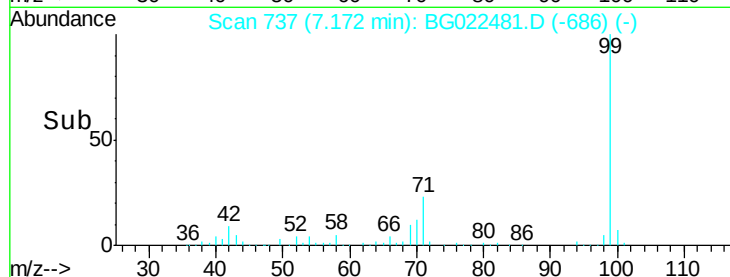
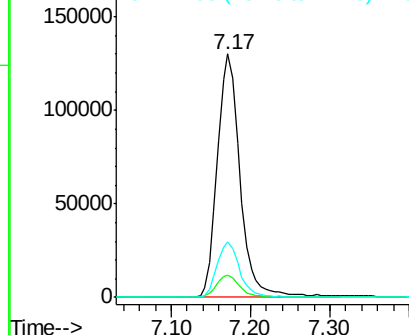
99 100

42 9.2 16.4 24.6#

71 22.6 25.0 37.4#



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



#8

2-Chlorophenol

Concen: 48.65 ng

RT: 7.55 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

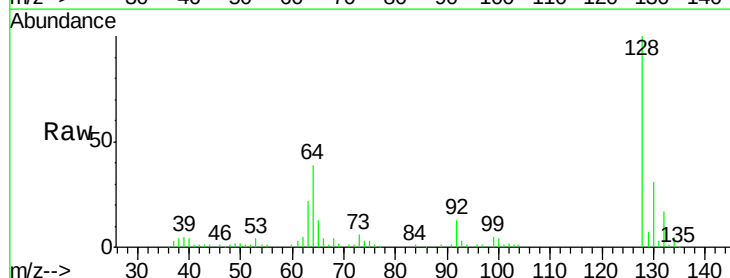
Tgt Ion: 128 Resp: 75159

Ion Ratio Lower Upper

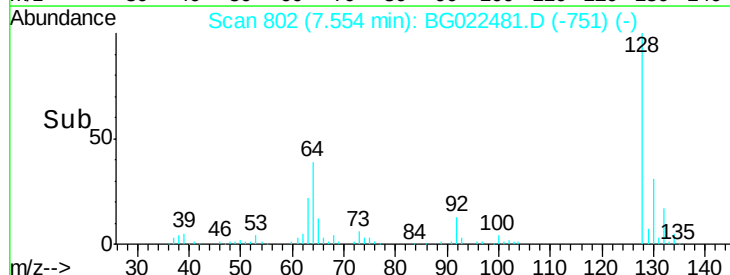
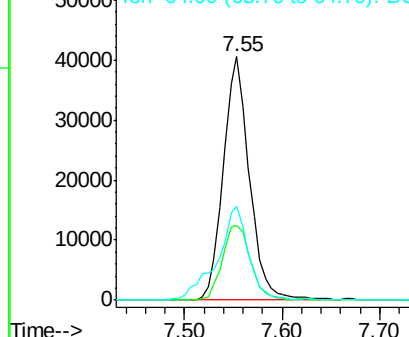
128 100

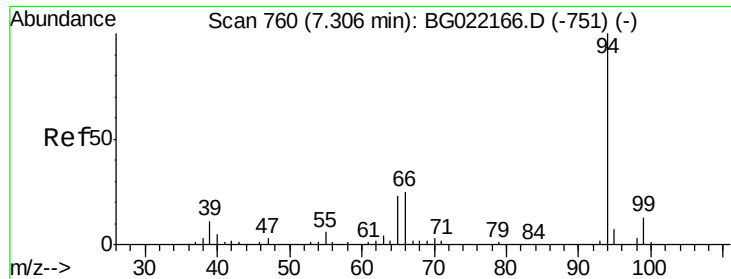
130 30.7 11.2 51.2

64 38.5 39.8 79.8#



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





#10

Phenol

Concen: 47.35 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

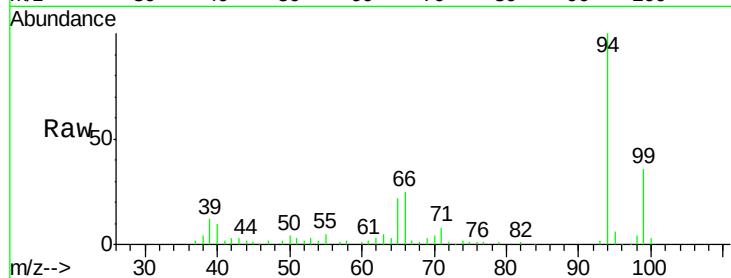
Tot Ion: 94 Resp: 85787

Ion Ratio Lower Upper

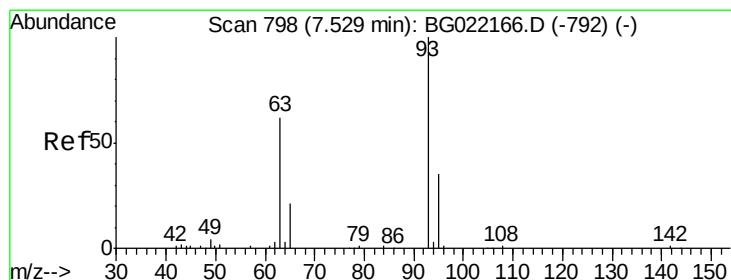
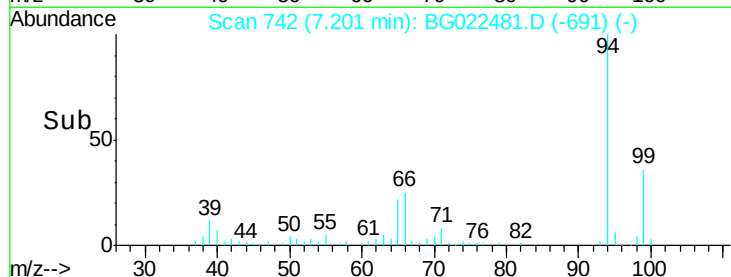
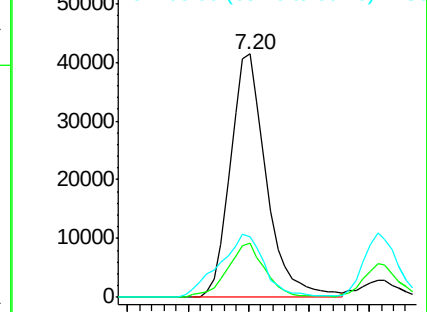
94 100

65 22.3 9.8 49.8

66 25.0 20.8 60.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 48.24 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

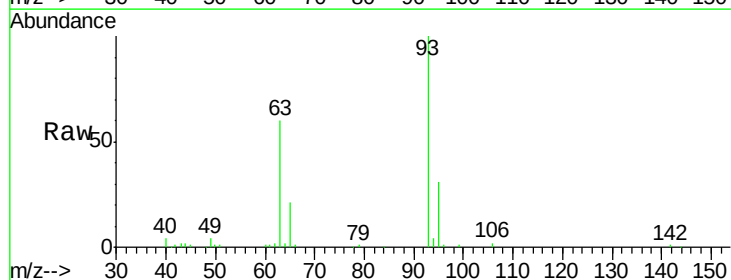
Tgt Ion: 93 Resp: 69689

Ion Ratio Lower Upper

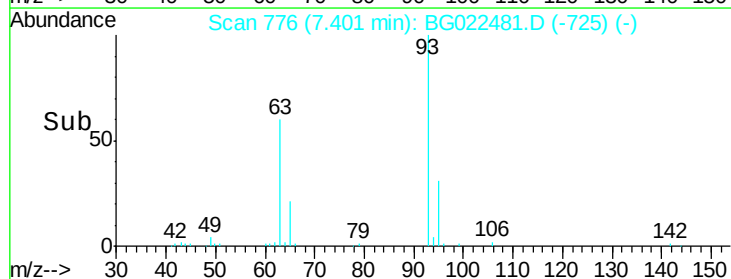
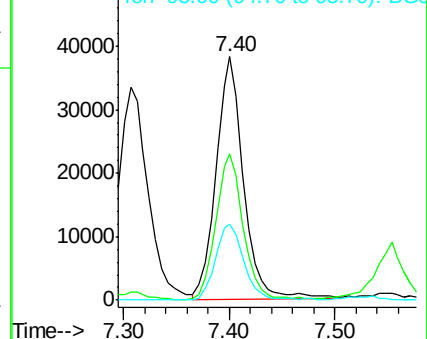
93 100

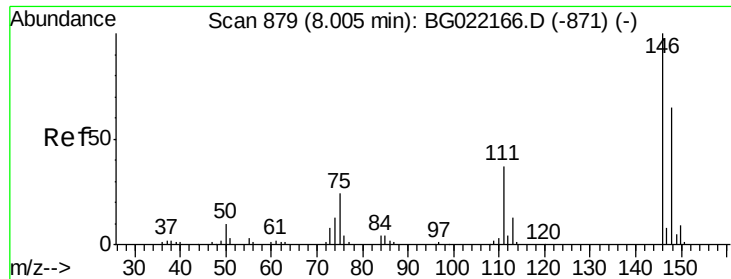
63 60.2 74.9 114.9#

95 31.4 8.3 48.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

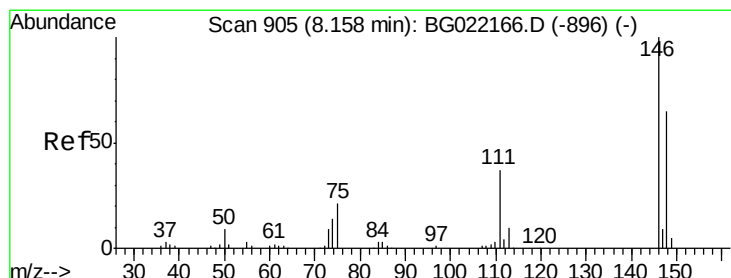
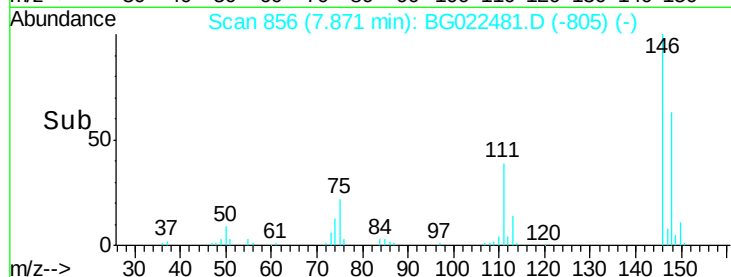
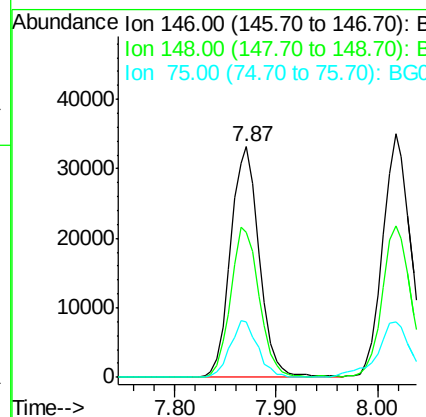
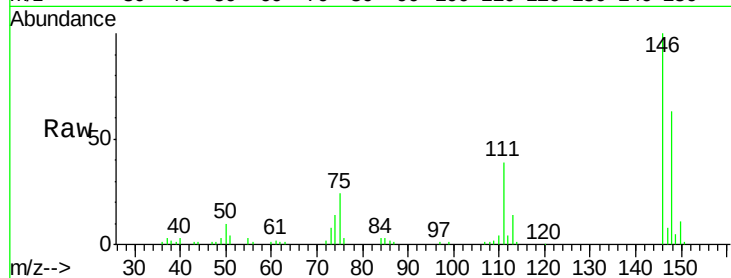




#12
 1,3-Dichlorobenzene
 Concen: 39.21 ng
 RT: 7.87 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

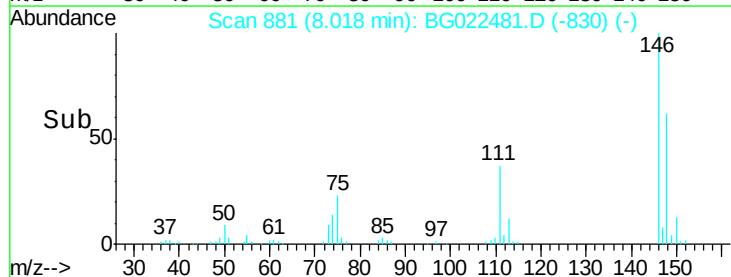
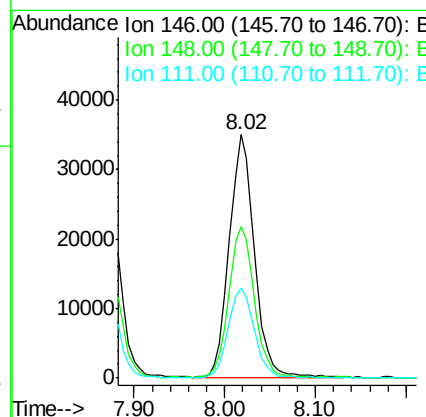
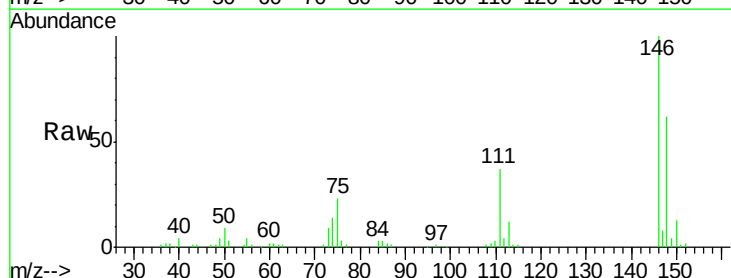
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MSD

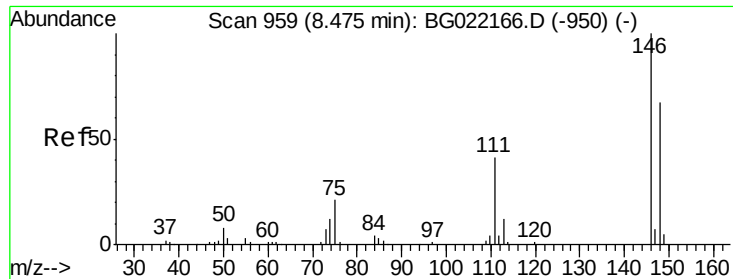
Tot Ion:146 Resp: 64929
 Ion Ratio Lower Upper
 146 100
 148 63.1 53.7 80.5
 75 23.9 27.4 41.0#



#13
 1,4-Dichlorobenzene
 Concen: 41.31 ng
 RT: 8.02 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

Tgt Ion:146 Resp: 68158
 Ion Ratio Lower Upper
 146 100
 148 62.1 46.7 70.1
 111 37.0 33.0 49.6

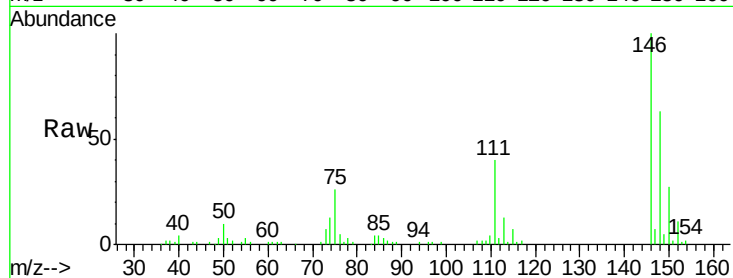




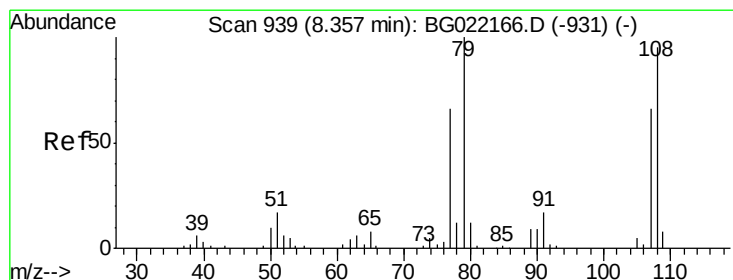
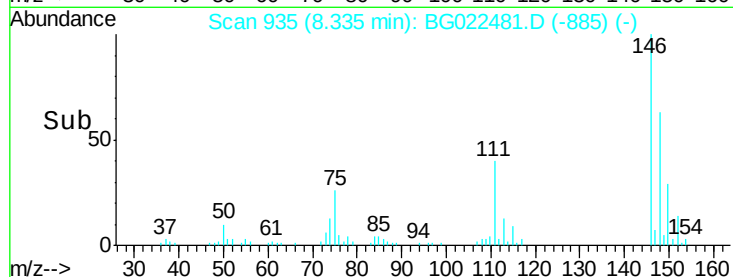
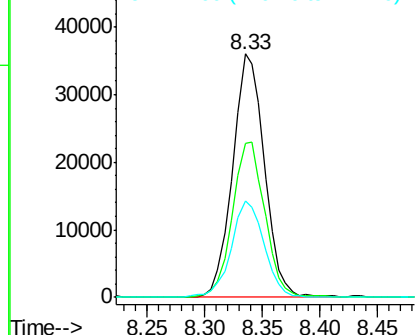
#14
1,2-Dichlorobenzene
Concen: 41.33 ng
RT: 8.33 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion:146 Resp: 68740
Ion Ratio Lower Upper
146 100
148 63.3 52.6 79.0
111 39.7 36.1 54.1

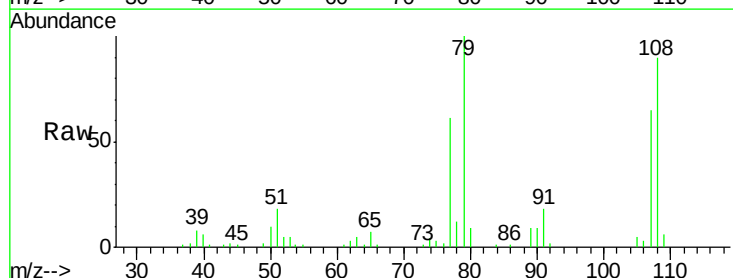


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

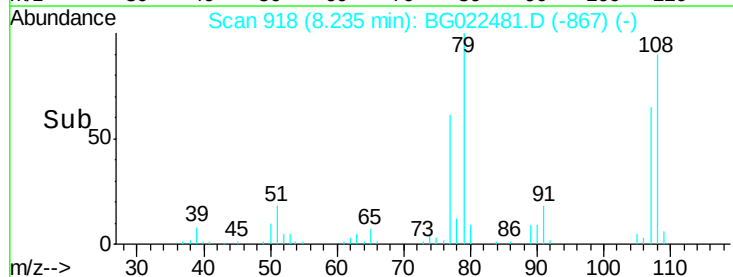
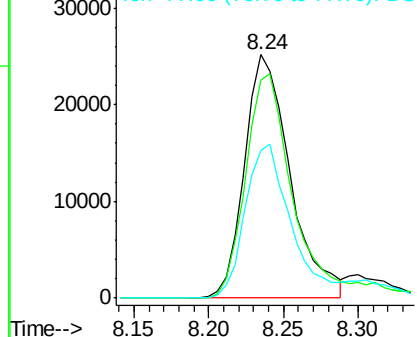


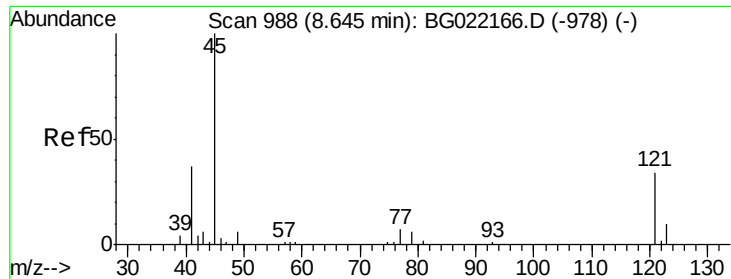
#15
Benzyl Alcohol
Concen: 46.98 ng
RT: 8.24 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 79 Resp: 53347
Ion Ratio Lower Upper
79 100
108 89.5 59.4 89.0#
77 60.8 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC

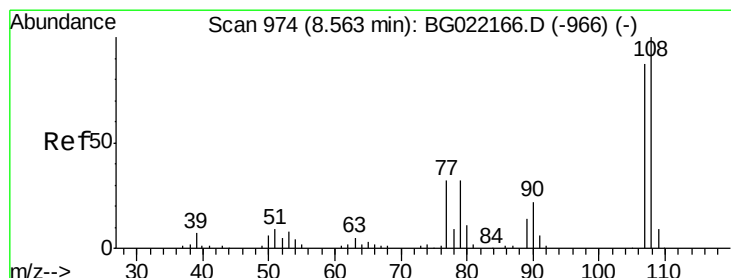
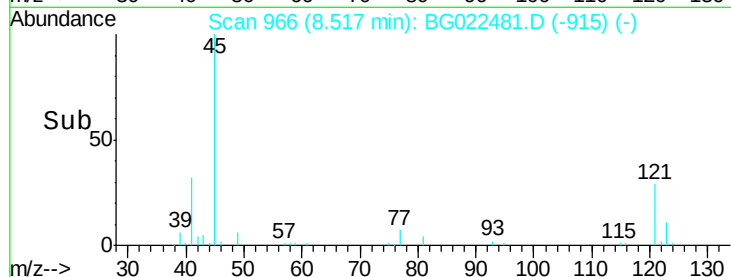
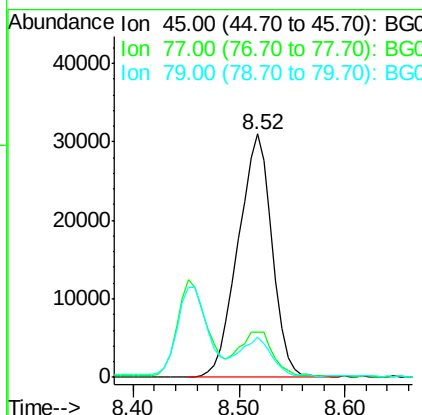
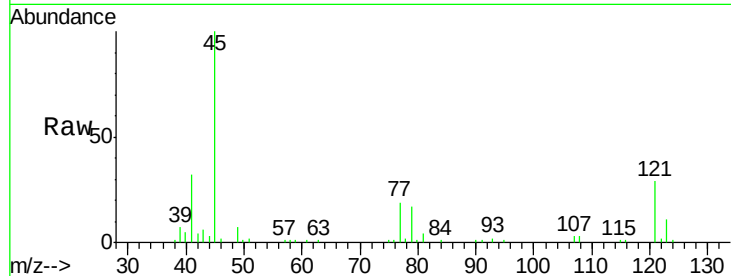




#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.17 ng
RT: 8.52 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

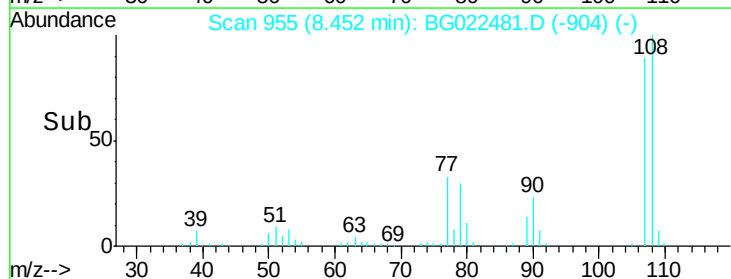
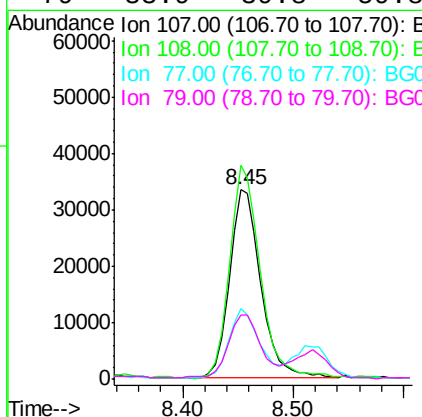
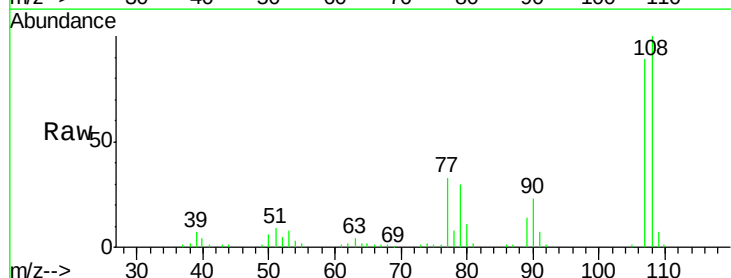
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

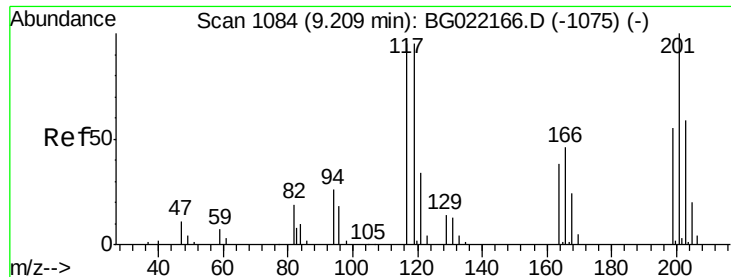
Tot Ion: 45 Resp: 69204
Ion Ratio Lower Upper
45 100
77 18.6 0.0 31.2
79 16.7 0.0 29.0



#17
2-Methylphenol
Concen: 48.71 ng
RT: 8.45 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 107 Resp: 65864
Ion Ratio Lower Upper
107 100
108 112.8 80.2 120.4
77 36.9 40.7 61.1#
79 33.9 39.8 59.8#

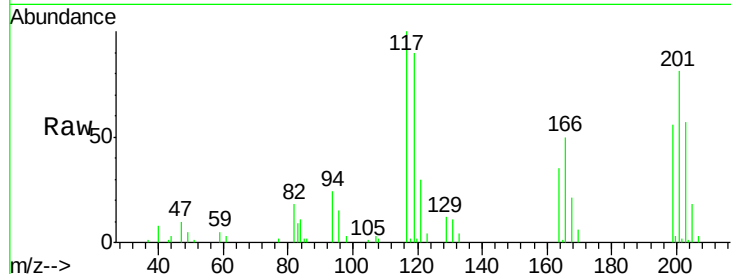




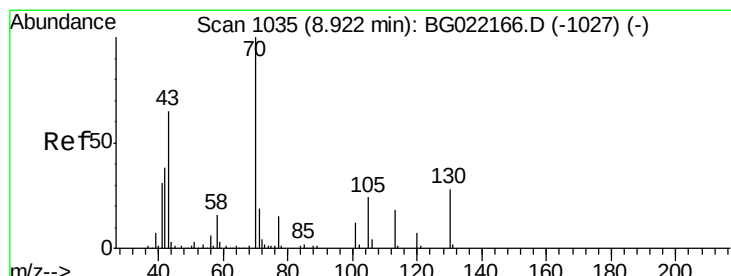
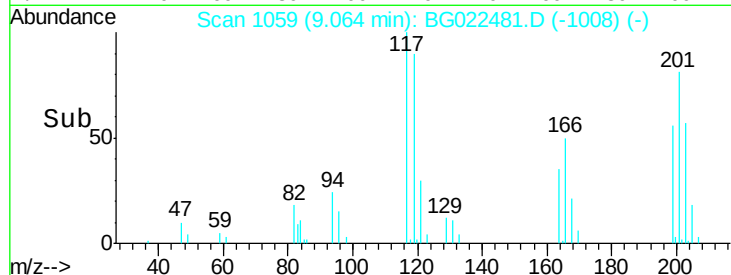
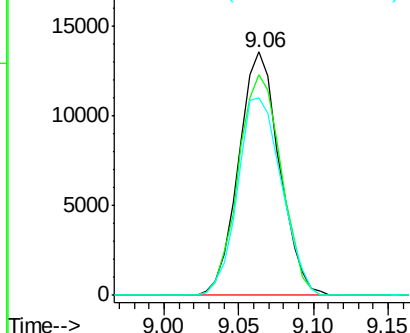
#18
Hexachloroethane
Concen: 42.80 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion: 117 Resp: 25788
Ion Ratio Lower Upper
117 100
119 90.3 63.9 95.9
201 83.4 61.2 91.8

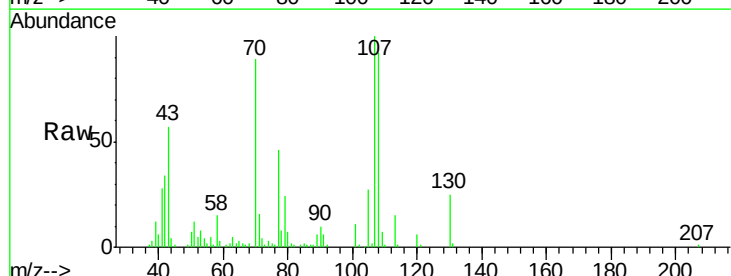


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

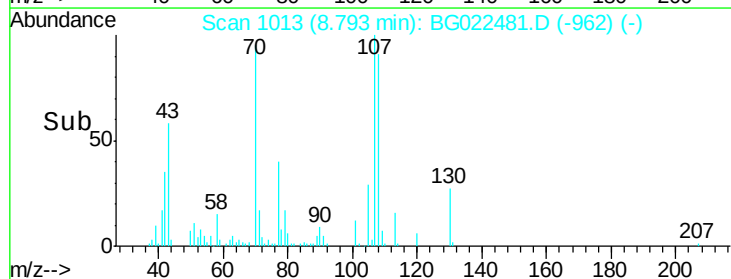
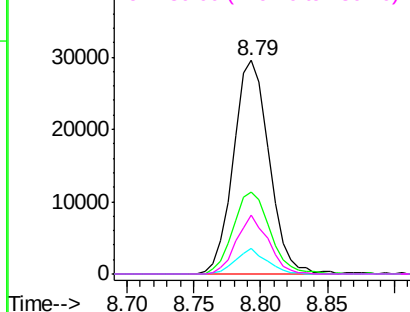


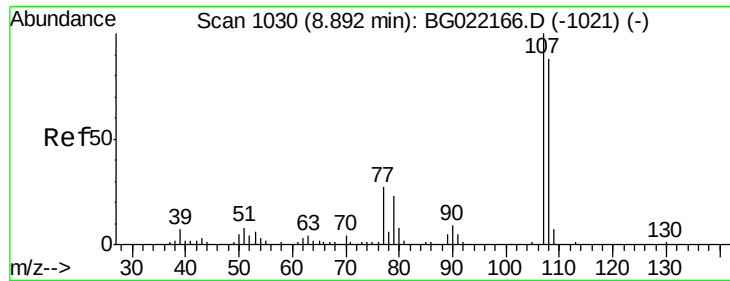
#19
n-Nitroso-di-n-propylamine
Concen: 46.12 ng
RT: 8.79 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 70 Resp: 54864
Ion Ratio Lower Upper
70 100
42 38.4 56.7 85.1#
101 12.2 8.2 12.4
130 27.8 14.0 21.0#



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

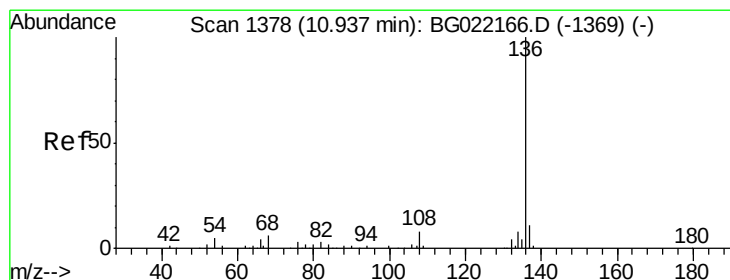
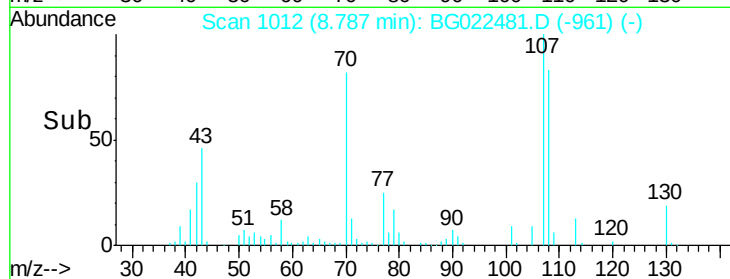
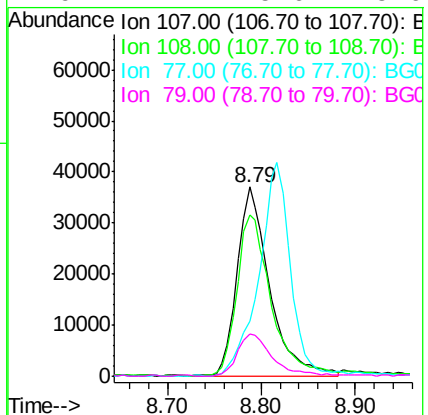
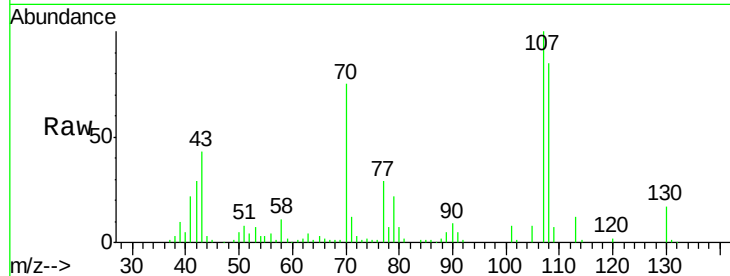




#20
3+4-Methylphenols
Concen: 45.99 ng
RT: 8.79 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

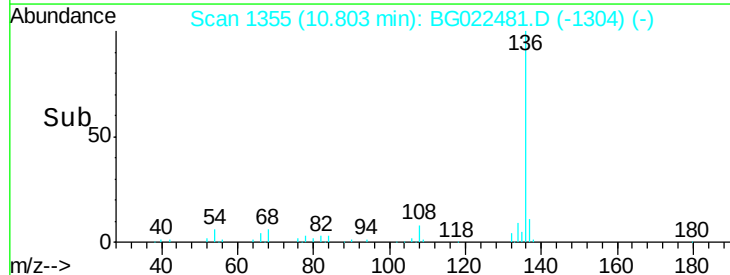
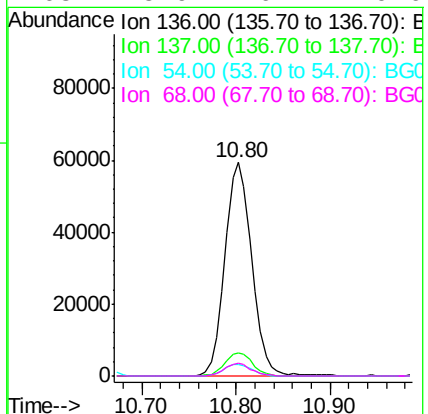
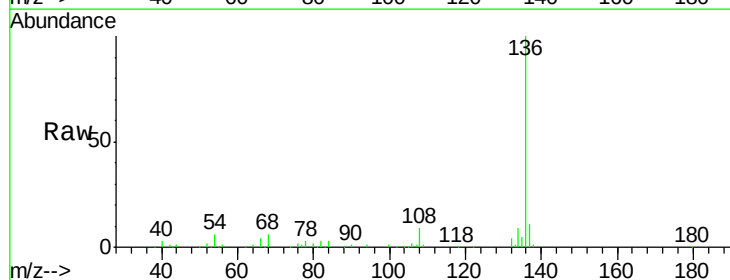
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

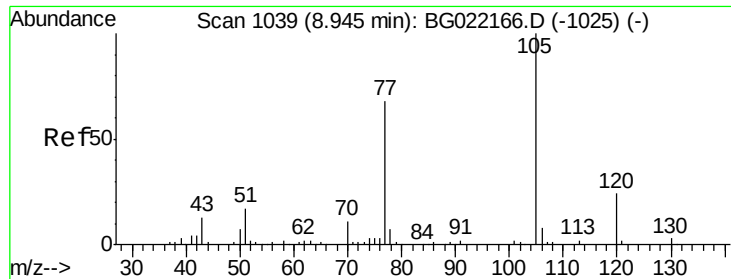
Tot Ion:	107	Resp:	89190
Ion	Ratio	Lower	Upper
107	100		
108	85.4	66.2	106.2
77	29.3	11.5	51.5
79	22.2	5.6	45.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:	136	Resp:	117798
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.7	9.6	14.4#
68	5.9	6.4	9.6#

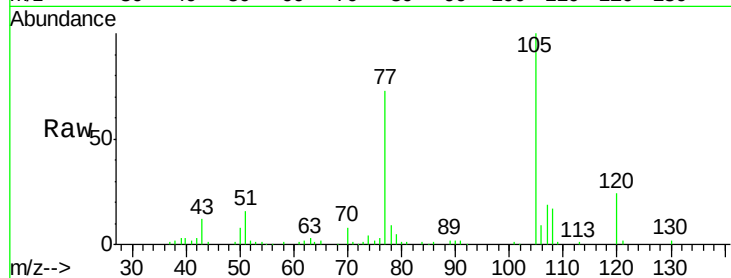




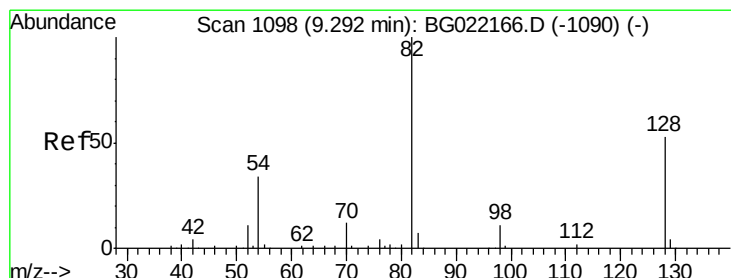
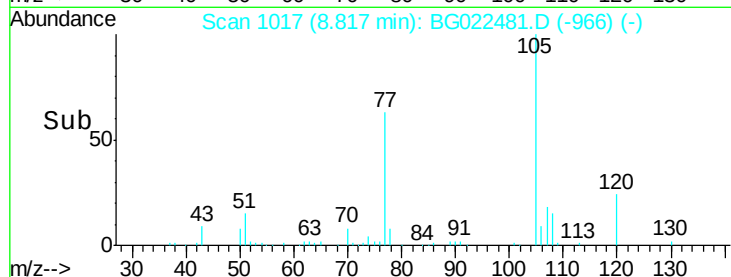
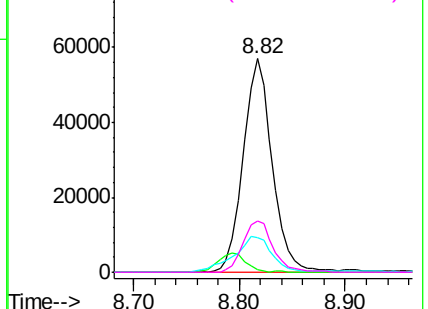
#22
Acetophenone
Concen: 42.92 ng
RT: 8.82 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion:105 Resp: 108947
Ion Ratio Lower Upper
105 100
71 1.2 0.0 0.0#
51 16.5 25.7 38.5#
120 23.9 17.0 25.6

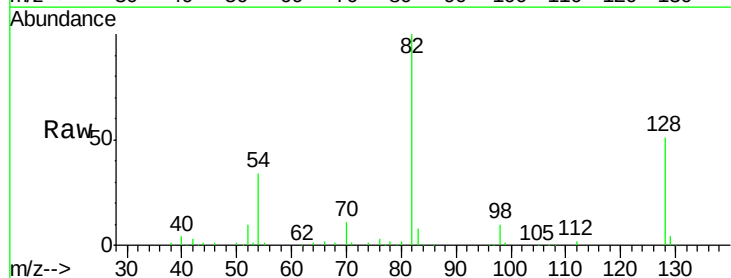


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

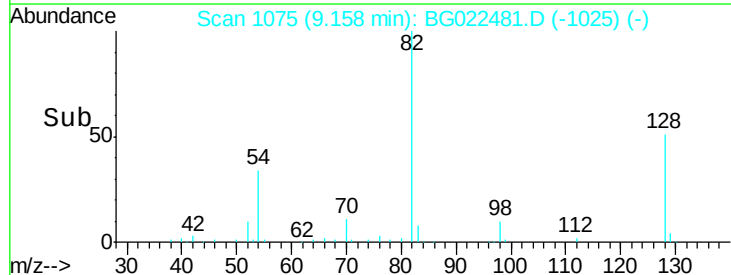
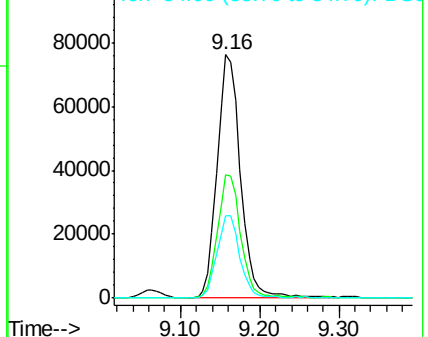


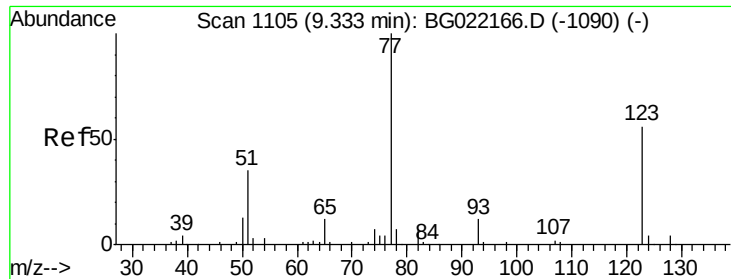
#23
Nitrobenzene-d5
Concen: 92.60 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 82 Resp: 156466
Ion Ratio Lower Upper
82 100
128 50.6 33.4 50.0#
54 33.6 46.1 69.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 45.70 ng

RT: 9.20 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

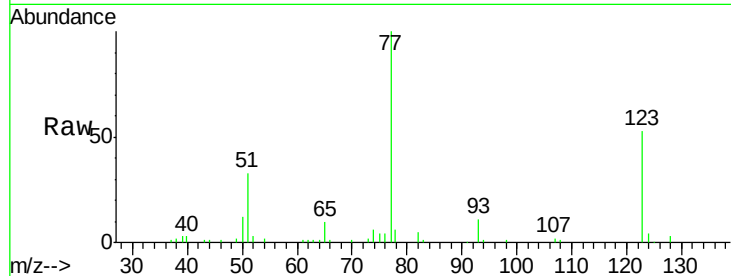
Tot Ion: 77 Resp: 77642

Ion Ratio Lower Upper

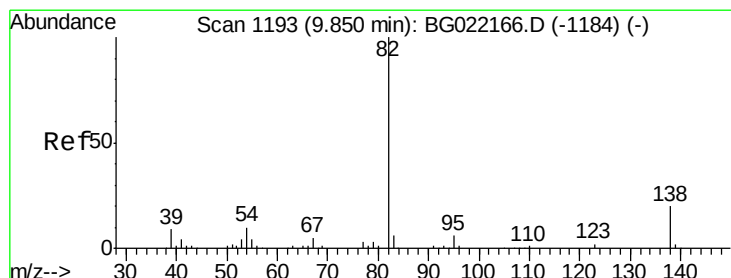
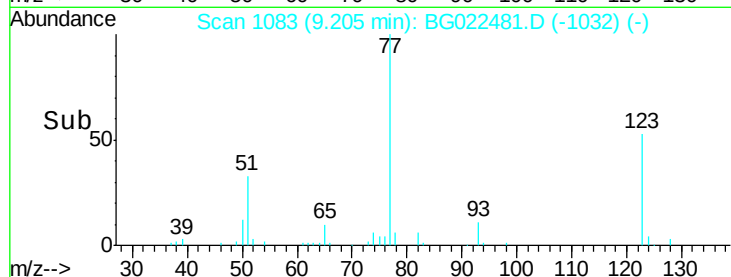
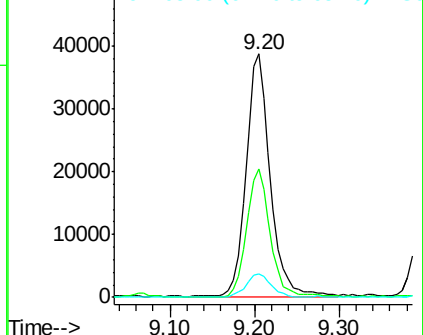
77 100

123 52.5 32.2 48.4#

65 9.6 10.3 15.5#



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



#25

Isophorone

Concen: 43.19 ng

RT: 9.72 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

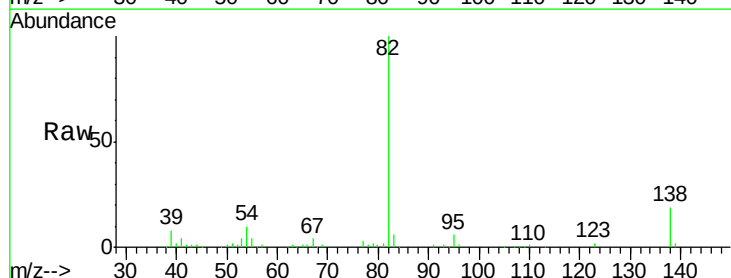
Tgt Ion: 82 Resp: 170743

Ion Ratio Lower Upper

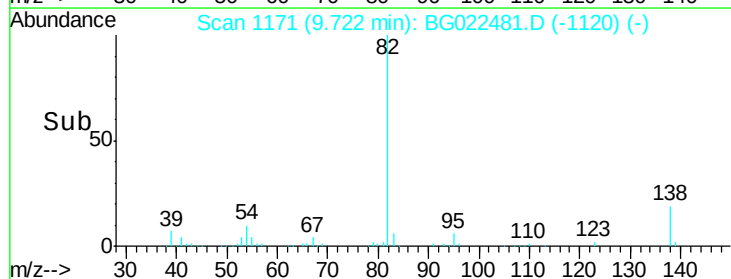
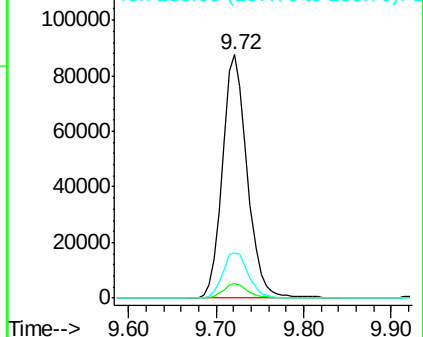
82 100

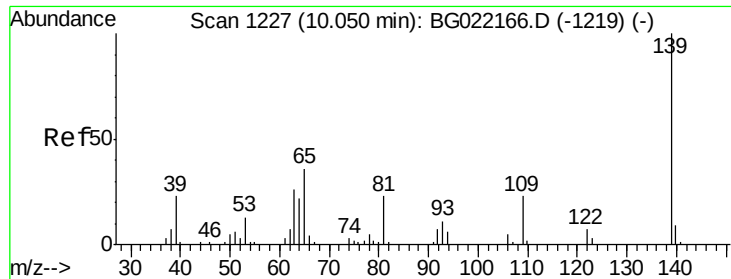
95 5.9 6.0 9.0#

138 18.8 13.4 20.0



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

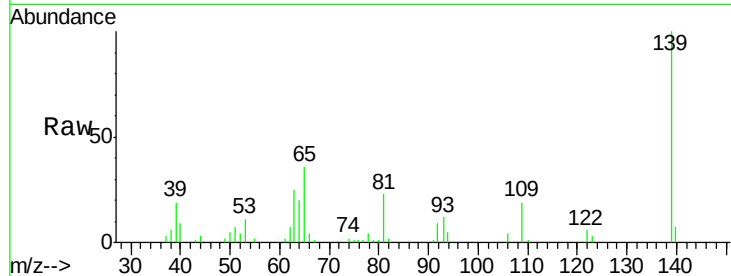




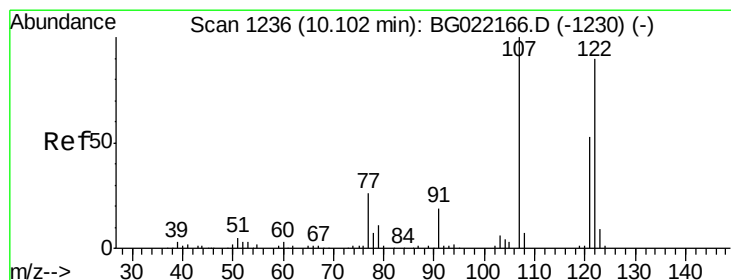
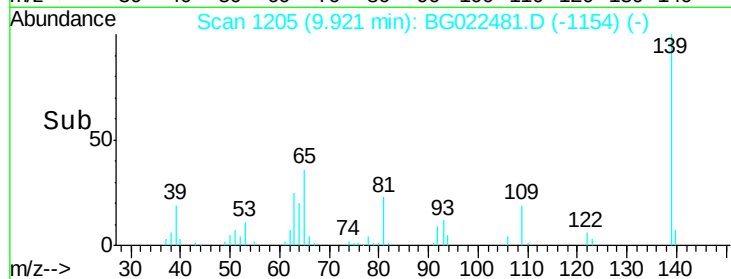
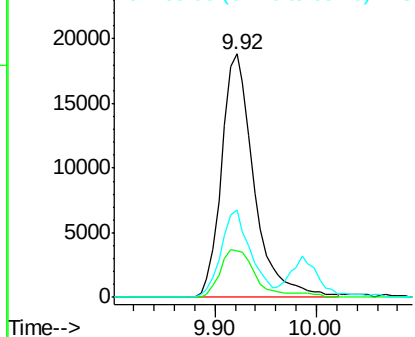
#26
2-Nitrophenol
Concen: 45.47 ng
RT: 9.92 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion:139 Resp: 41892
Ion Ratio Lower Upper
139 100
109 19.2 26.6 40.0#
65 35.8 45.3 67.9#

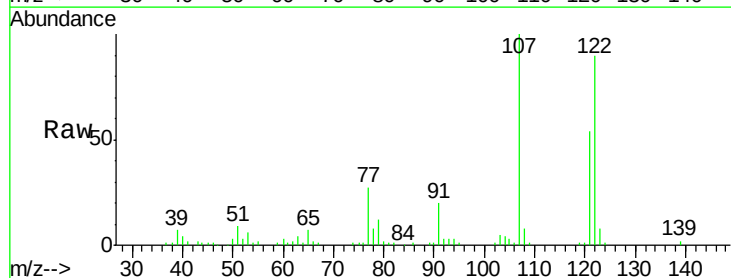


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

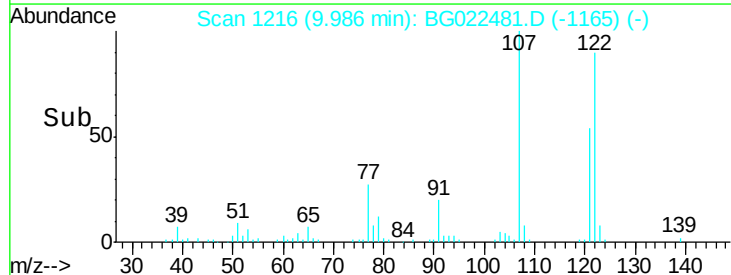
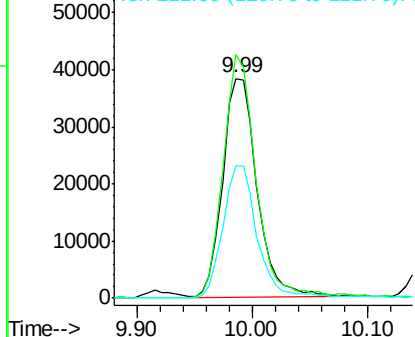


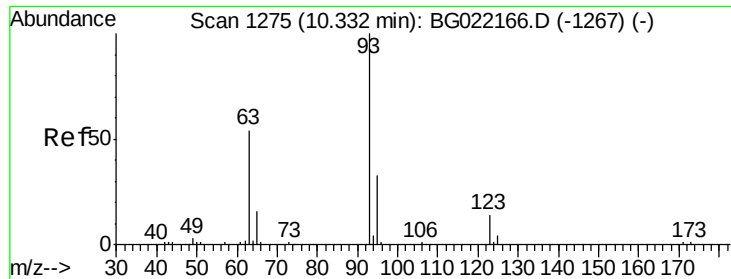
#27
2,4-Dimethylphenol
Concen: 47.26 ng
RT: 9.99 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:122 Resp: 78820
Ion Ratio Lower Upper
122 100
107 110.9 97.2 145.8
121 60.2 49.0 73.4



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

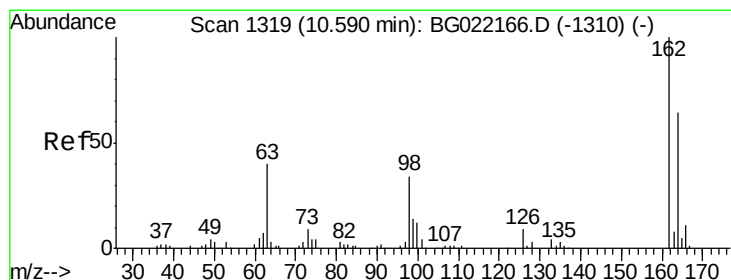
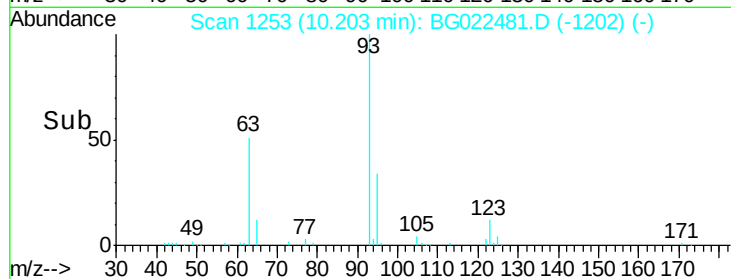
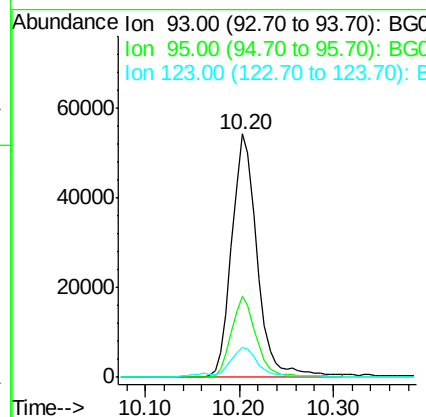
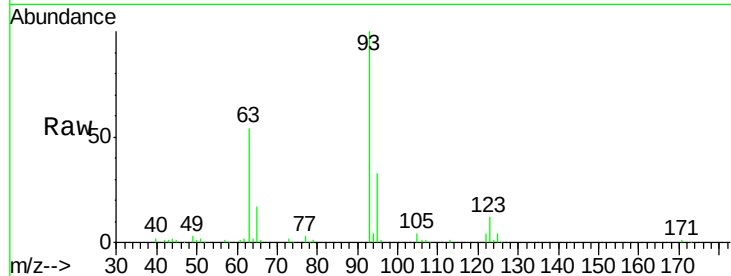




#28
bis(2-Chloroethoxy)methane
Concen: 45.42 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

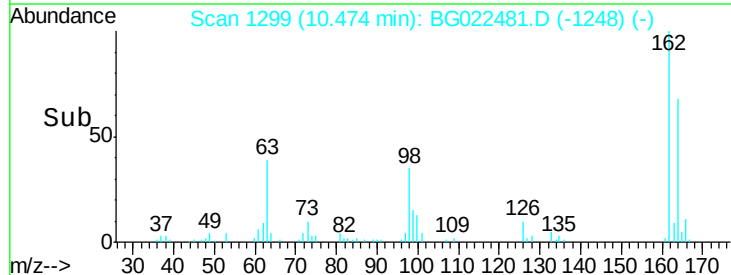
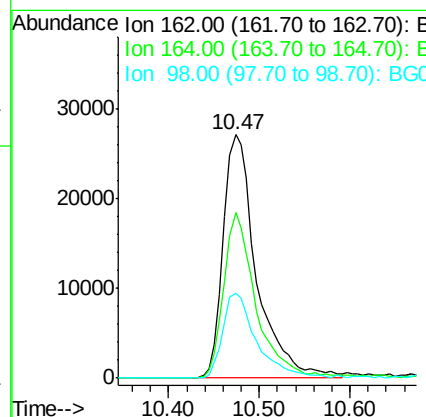
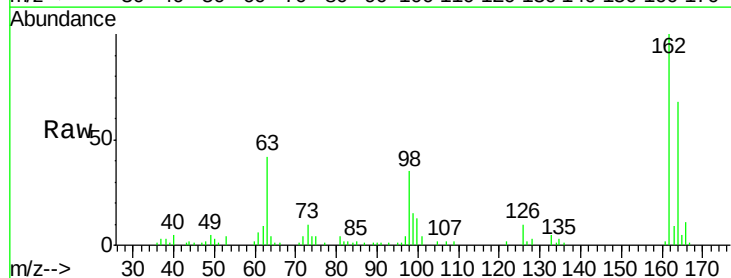
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

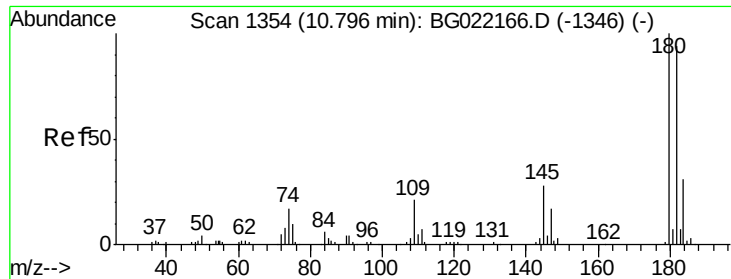
Tot Ion: 93 Resp: 102866
Ion Ratio Lower Upper
93 100
95 33.2 30.1 45.1
123 12.5 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 44.94 ng
RT: 10.47 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 162 Resp: 69434
Ion Ratio Lower Upper
162 100
164 68.2 44.9 84.9
98 35.0 19.2 59.2

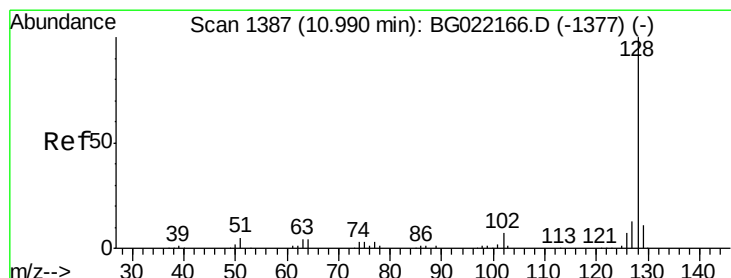
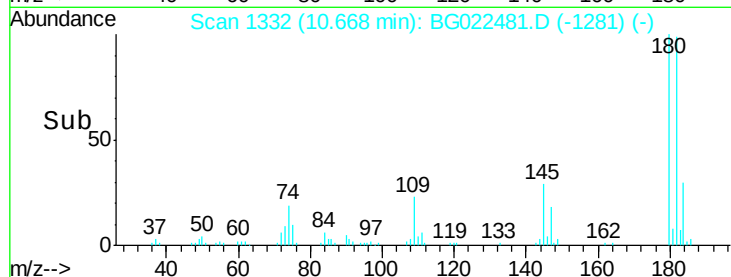
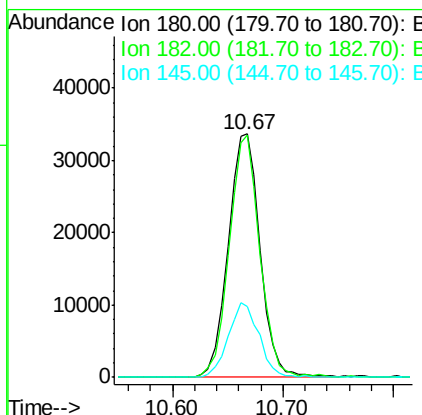
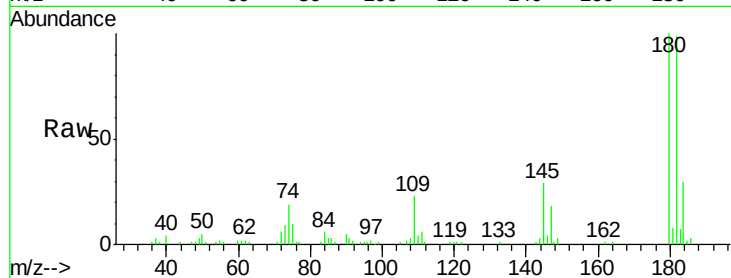




#30
 1,2,4-Trichlorobenzene
 Concen: 39.32 ng
 RT: 10.67 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

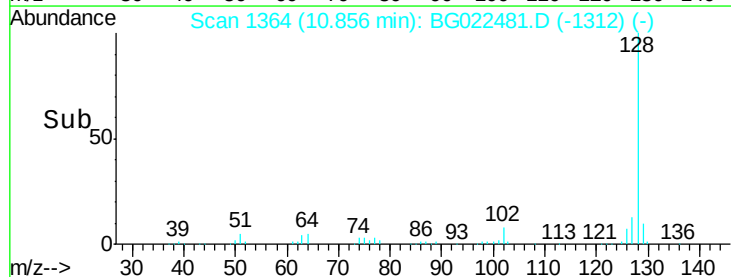
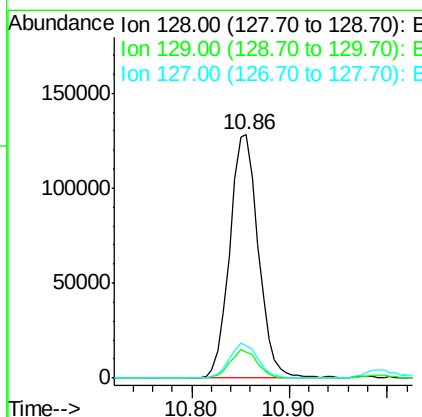
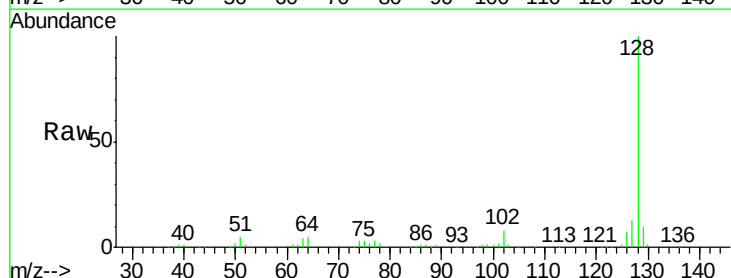
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MSD

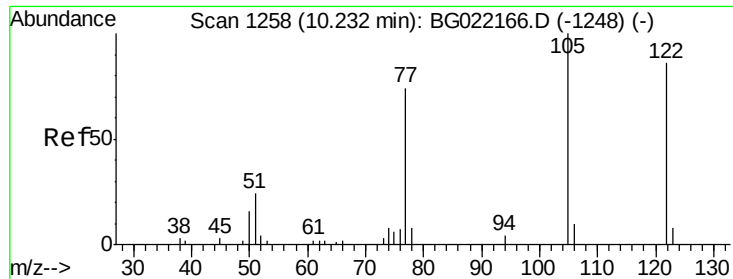
Tot Ion:180 Resp: 67877
 Ion Ratio Lower Upper
 180 100
 182 99.5 82.3 123.5
 145 29.3 24.4 36.6



#31
 Naphthalene
 Concen: 44.46 ng
 RT: 10.86 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

Tgt Ion:128 Resp: 261437
 Ion Ratio Lower Upper
 128 100
 129 10.5 7.0 10.6
 127 13.4 10.1 15.1

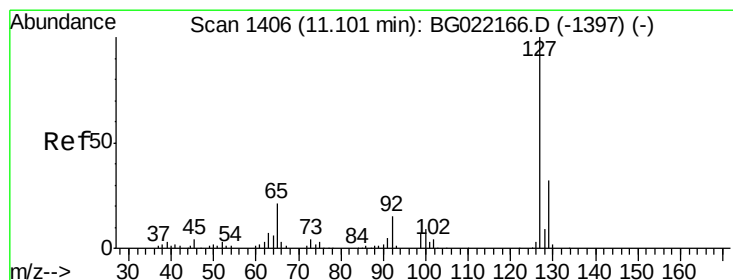
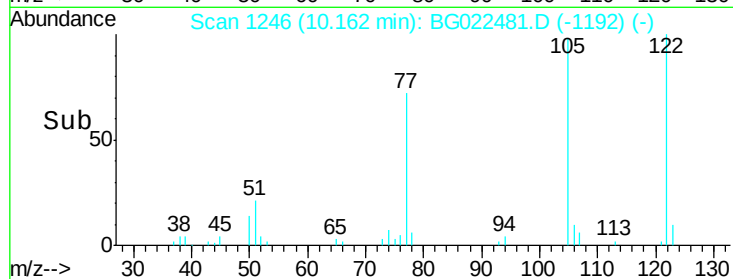
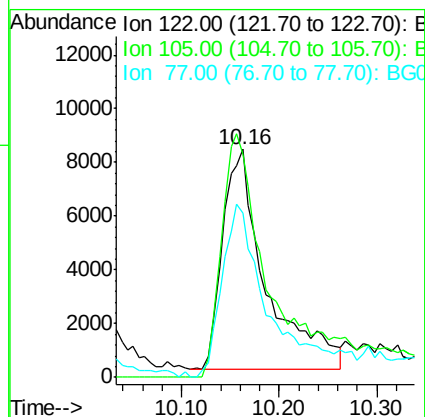
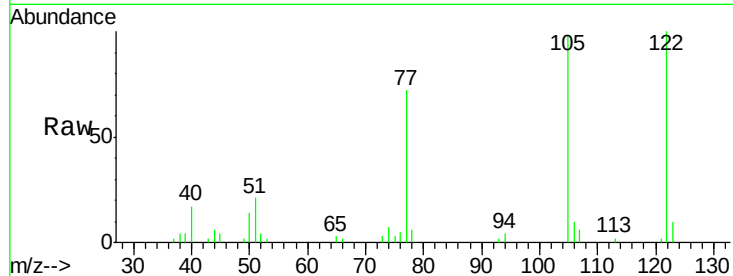




#32
Benzoic acid
Concen: 45.43 ng
RT: 10.16 min Scan# 1246
Delta R.T. 0.02 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

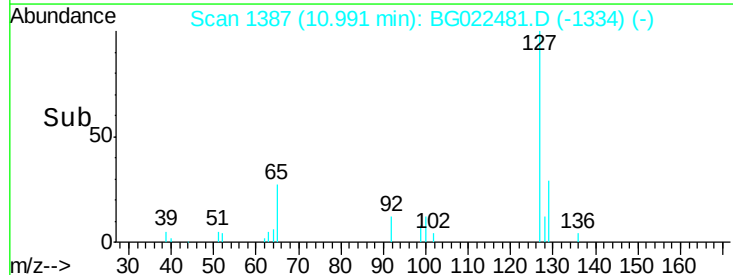
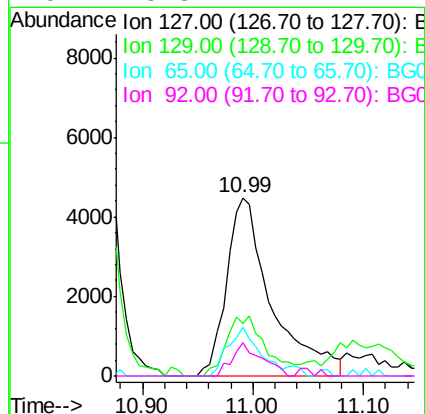
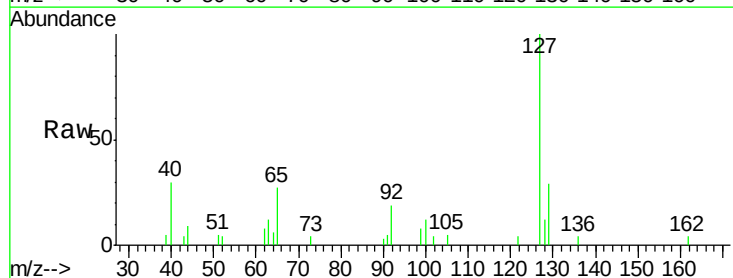
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

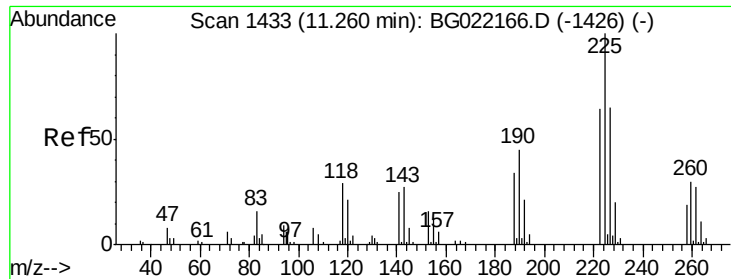
Tot Ion:122 Resp: 25316
Ion Ratio Lower Upper
122 100
105 97.9 104.5 144.5#
77 72.1 79.9 119.9#



#33
4-Chloroaniline
Concen: 5.21 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:127 Resp: 12739
Ion Ratio Lower Upper
127 100
129 29.2 26.6 39.8
65 27.2 27.5 41.3#
92 18.8 14.7 22.1





#34

Hexachlorobutadiene

Concen: 35.26 ng

RT: 11.13 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

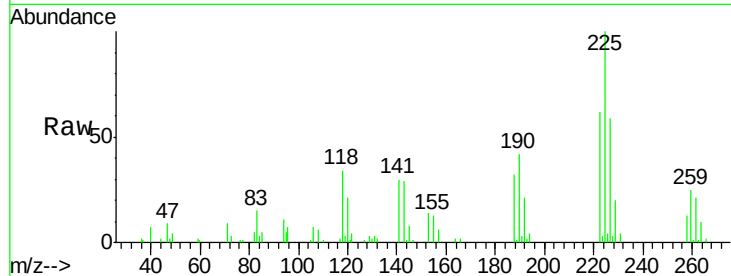
Tot Ion:225 Resp: 32676

Ion Ratio Lower Upper

225 100

223 62.6 52.7 79.1

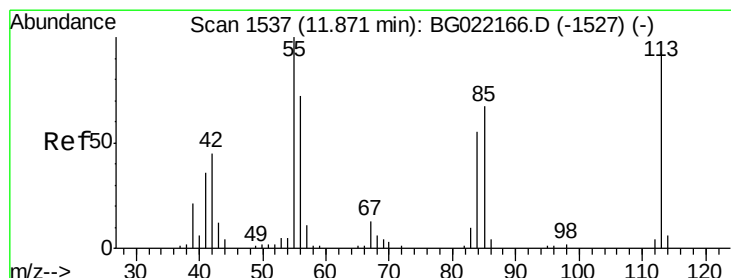
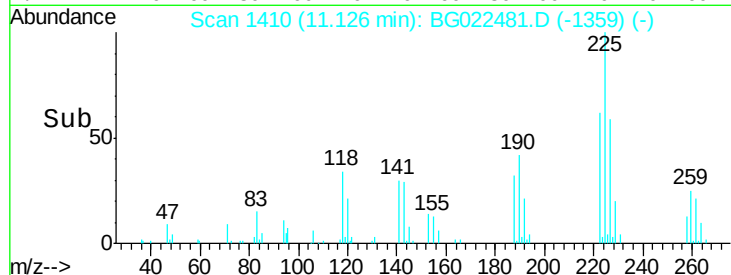
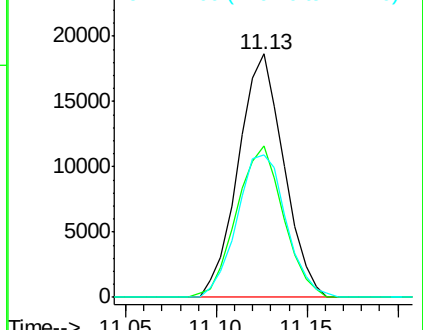
227 60.0 49.7 74.5



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: 35.42 ng m

RT: 11.76 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

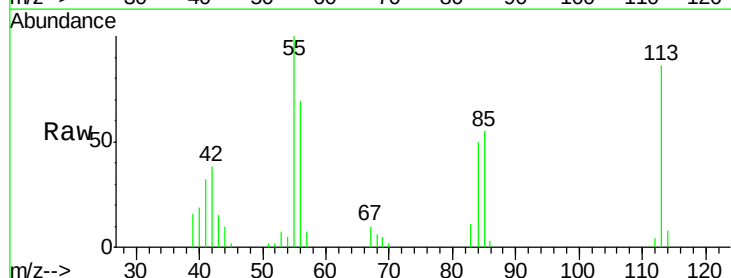
Tgt Ion:113 Resp: 30014

Ion Ratio Lower Upper

113 100

55 116.1 194.2 234.2#

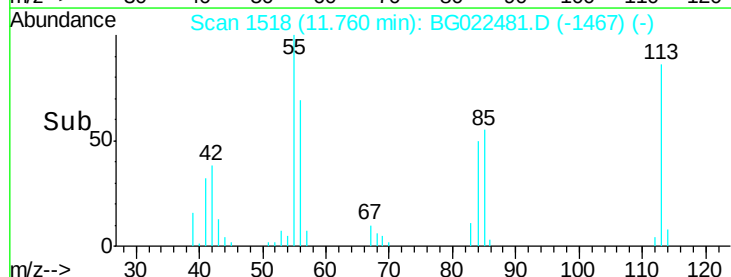
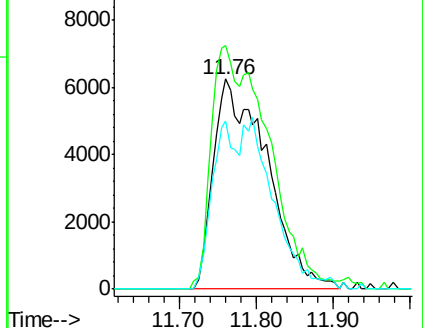
56 80.3 122.6 162.6#

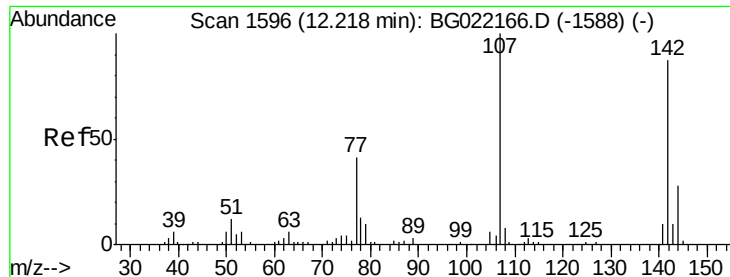


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

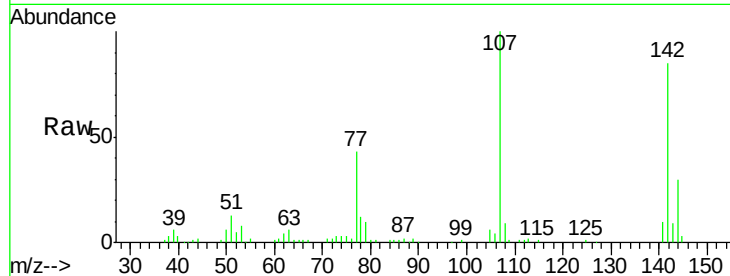




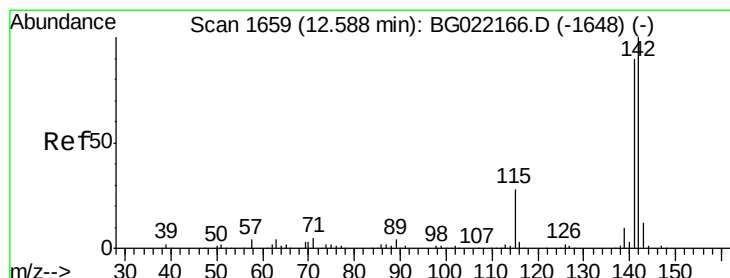
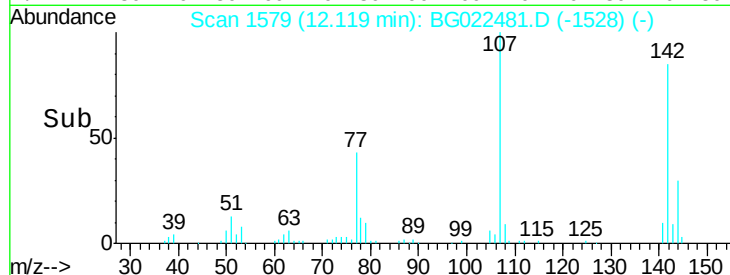
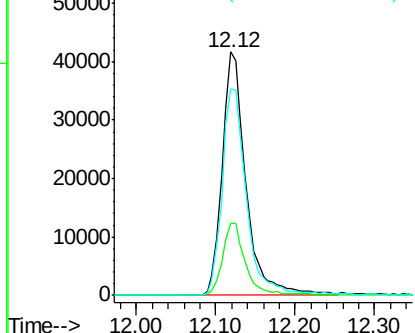
#36
4-Chloro-3-methylphenol
Concen: 47.16 ng
RT: 12.12 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion:107 Resp: 86360
Ion Ratio Lower Upper
107 100
144 29.8 19.2 28.8#
142 84.8 59.1 88.7

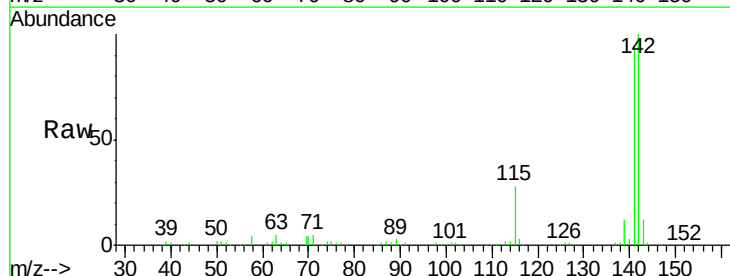


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

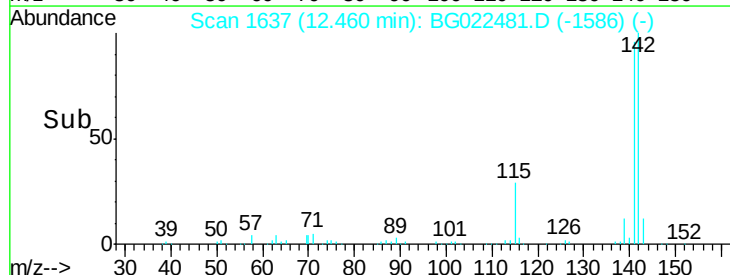
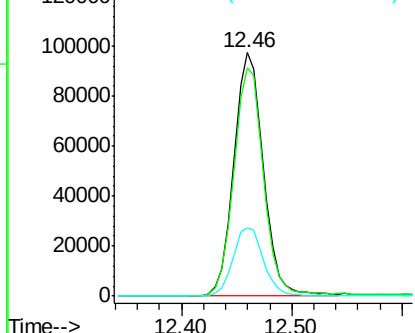


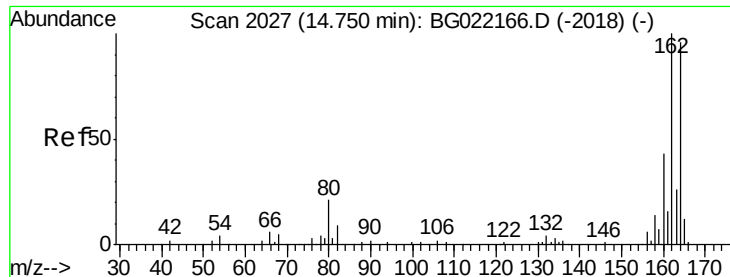
#37
2-Methylnaphthalene
Concen: 42.36 ng
RT: 12.46 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:142 Resp: 183898
Ion Ratio Lower Upper
142 100
141 94.0 71.4 107.0
115 27.8 27.4 41.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

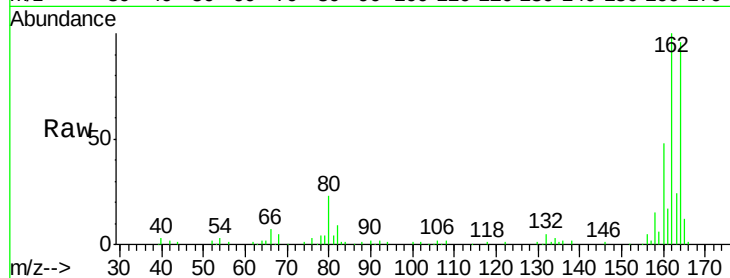
Tot Ion:164 Resp: 72401

Ion Ratio Lower Upper

164 100

162 103.8 78.0 117.0

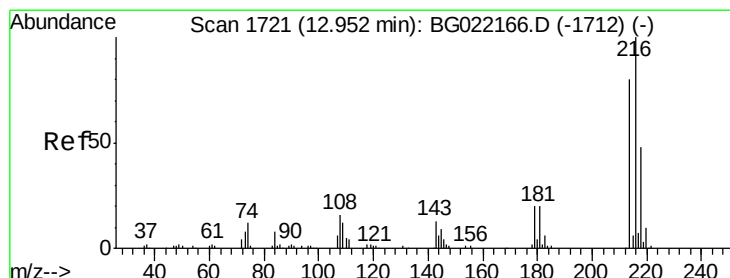
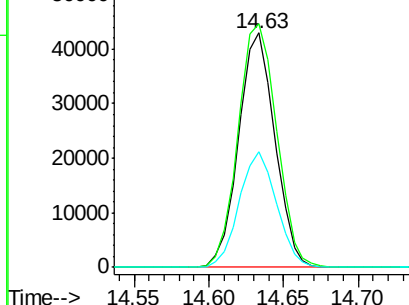
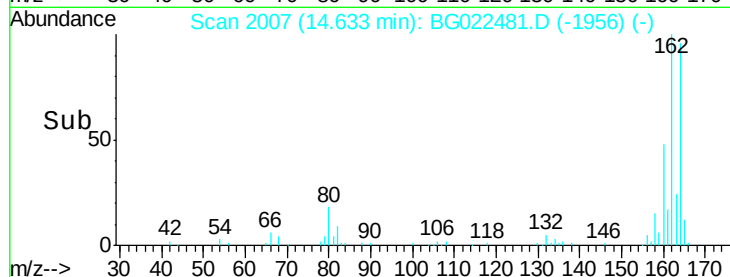
160 49.6 32.9 49.3#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.46 ng

RT: 12.82 min Scan# 1699

Delta R.T. -0.01 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Tgt Ion:216 Resp: 73536

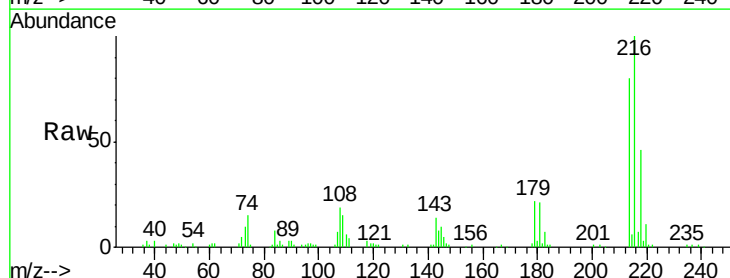
Ion Ratio Lower Upper

216 100

214 78.8 62.2 93.2

179 21.8 16.7 25.1

108 20.0 14.0 21.0

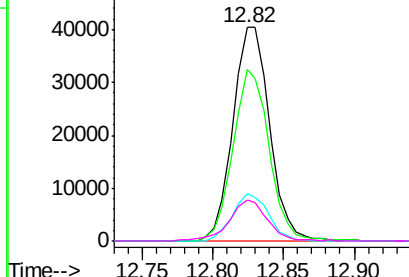
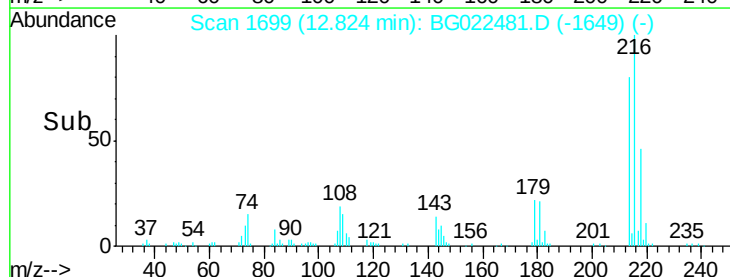


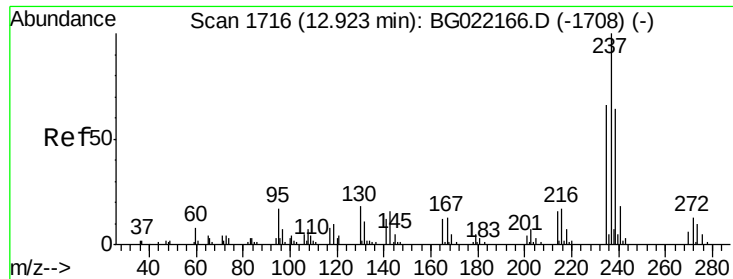
Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.42 ng

RT: 12.79 min Scan# 1694

Delta R.T. -0.01 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

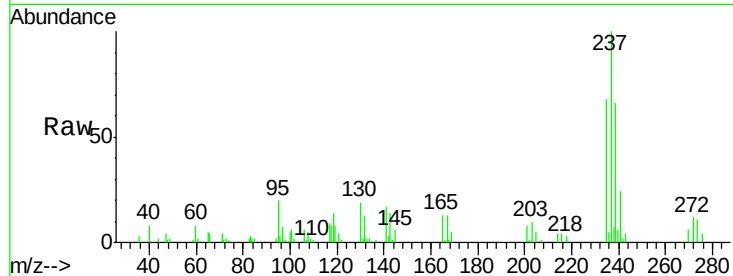
Tot Ion:237 Resp: 26683

Ion Ratio Lower Upper

237 100

235 67.9 43.2 83.2

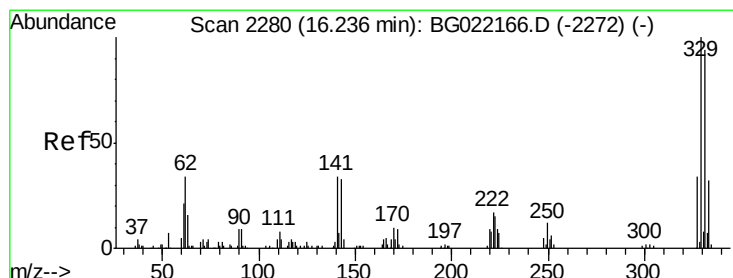
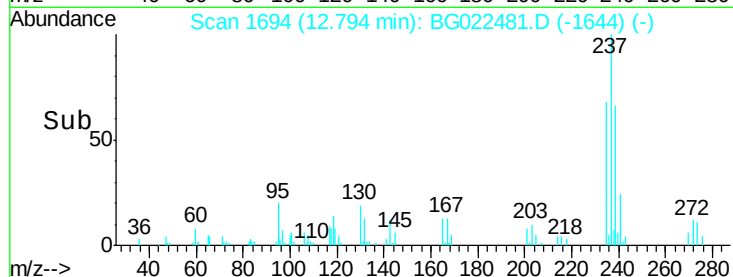
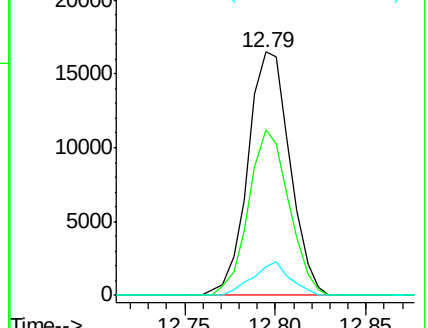
272 11.7 0.0 33.4



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: 106.61 ng

RT: 16.13 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

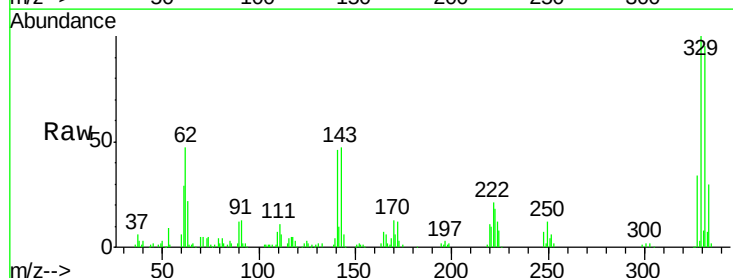
Tgt Ion:330 Resp: 87215

Ion Ratio Lower Upper

330 100

332 94.8 78.0 117.0

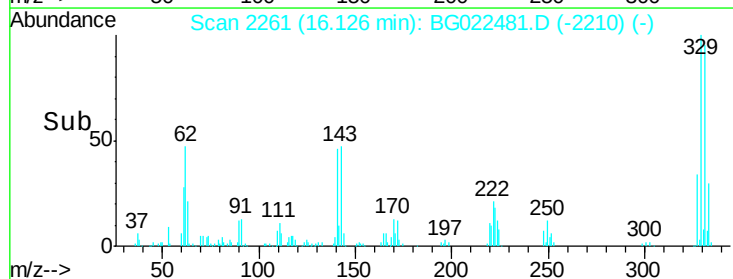
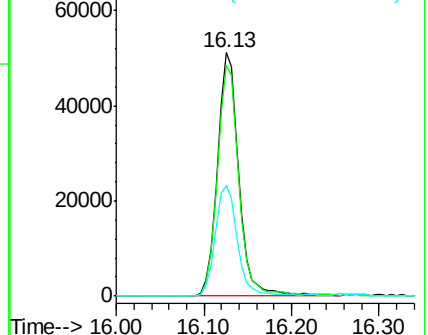
141 47.1 33.8 50.8

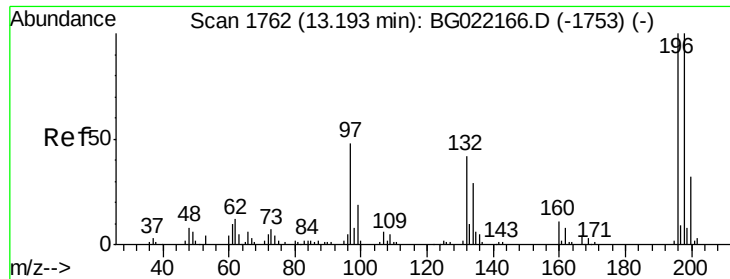


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

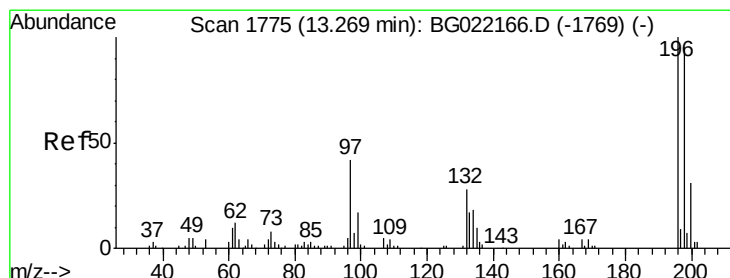
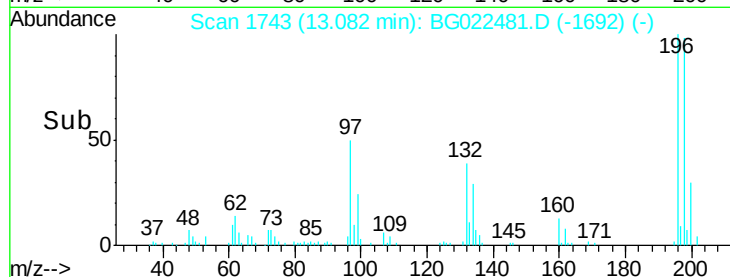
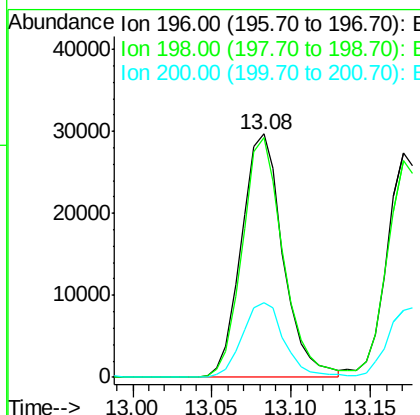
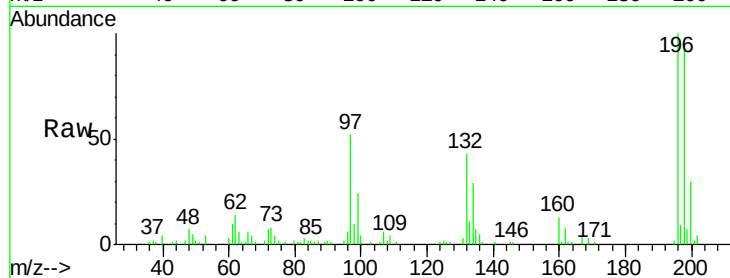




#42
 2,4,6-Trichlorophenol
 Concen: 43.39 ng
 RT: 13.08 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

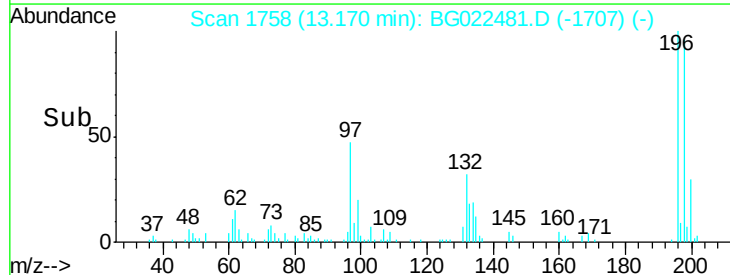
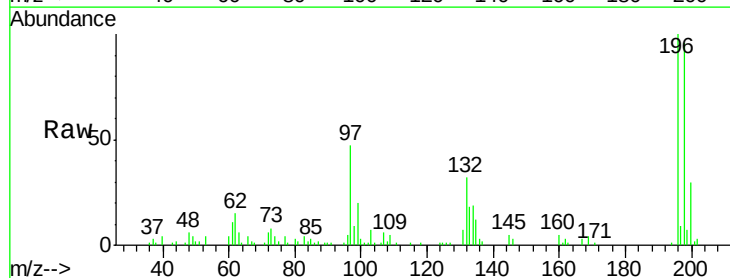
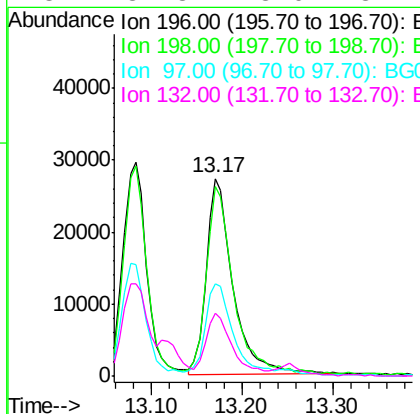
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MSD

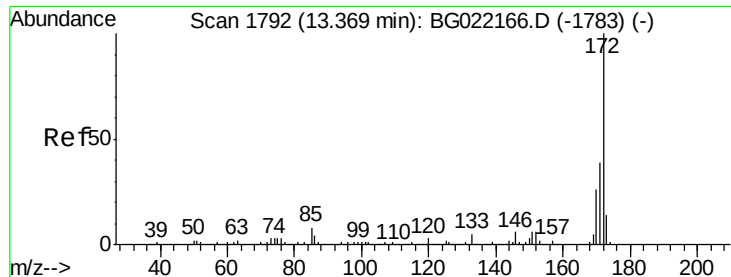
Tot Ion:196 Resp: 54247
 Ion Ratio Lower Upper
 196 100
 198 98.4 80.1 120.1
 200 30.4 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 40.88 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

Tgt Ion:196 Resp: 56469
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.0 117.0
 97 46.7 43.0 64.6
 132 31.8 23.0 34.4

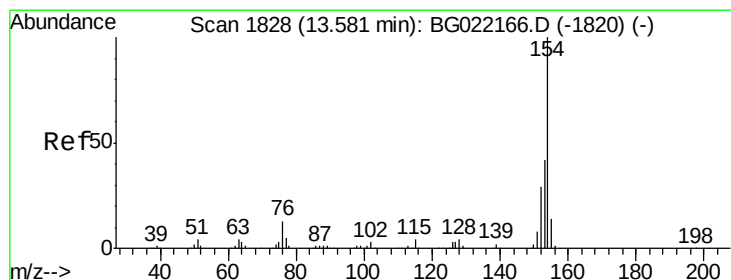
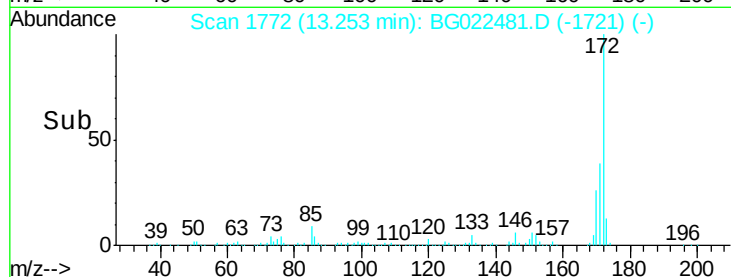
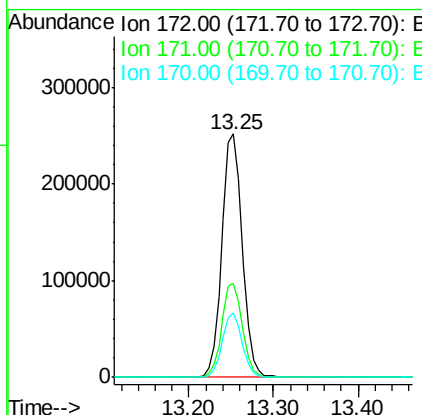
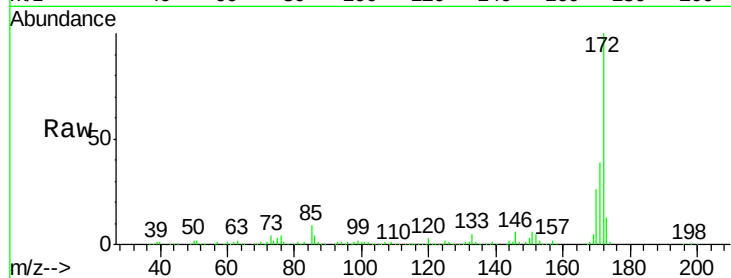




#44
2-Fluorobiphenyl
Concen: 88.59 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

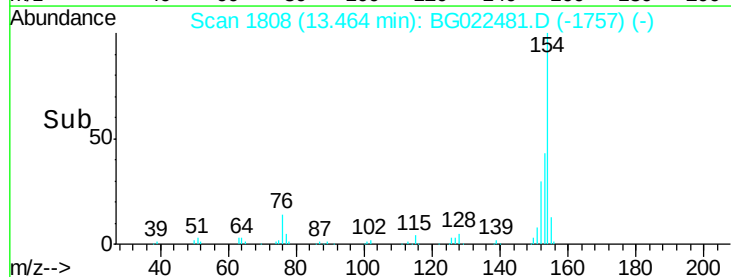
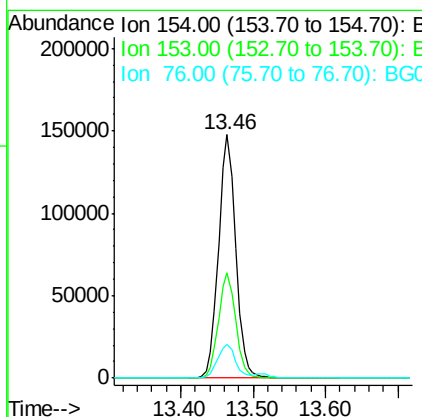
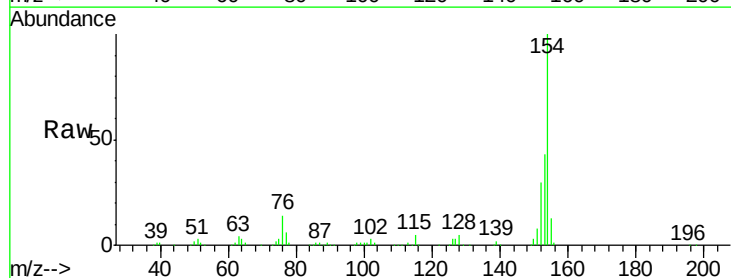
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

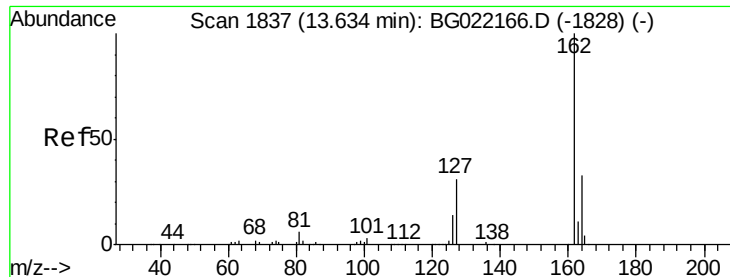
Tot Ion:172 Resp: 420885
Ion Ratio Lower Upper
172 100
171 38.8 27.8 41.6
170 26.2 19.6 29.4



#45
1,1'-Biphenyl
Concen: 44.96 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:154 Resp: 244953
Ion Ratio Lower Upper
154 100
153 43.0 19.7 59.7
76 13.9 0.0 33.0

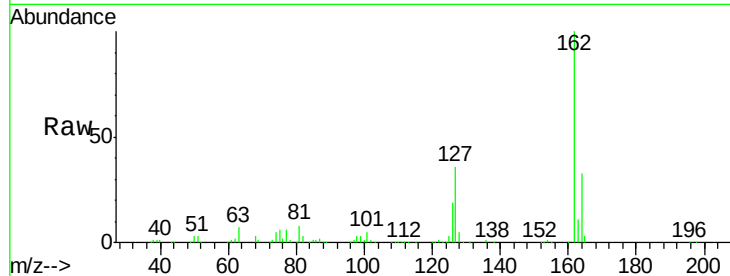




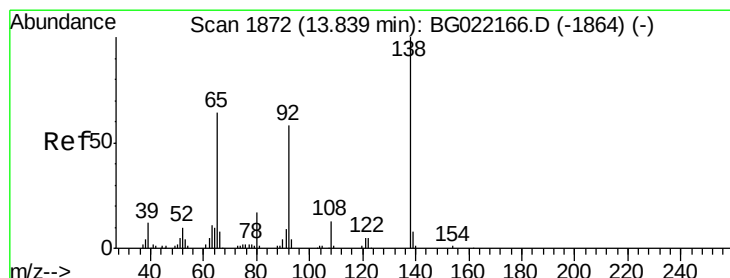
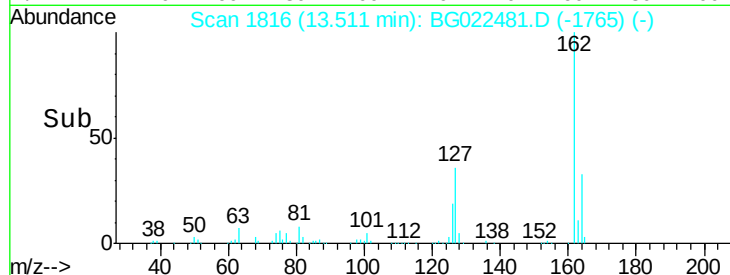
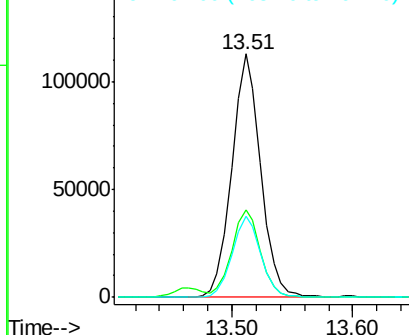
#46
2-Chloronaphthalene
Concen: 44.88 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion:162 Resp: 187447
Ion Ratio Lower Upper
162 100
127 36.0 32.0 48.0
164 33.3 27.0 40.4

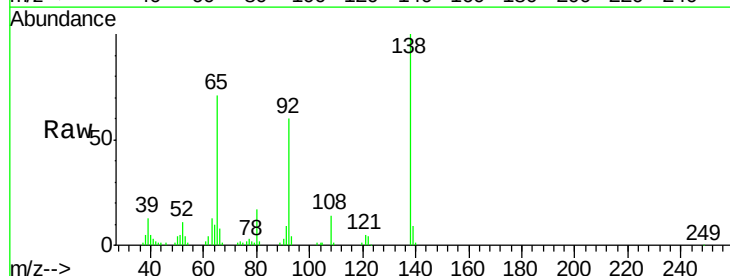


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

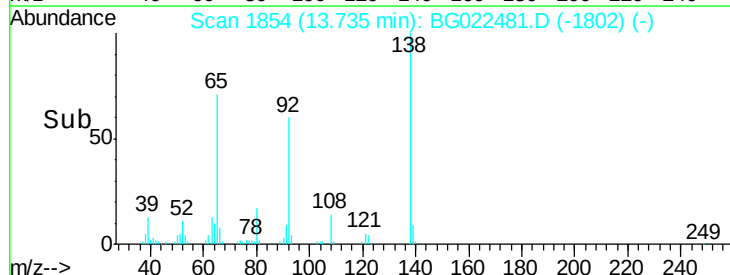
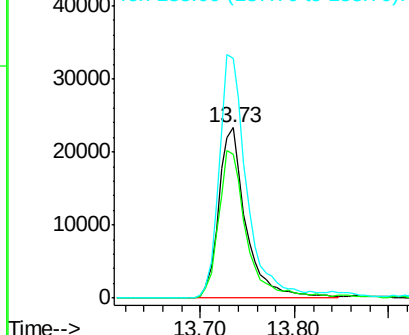


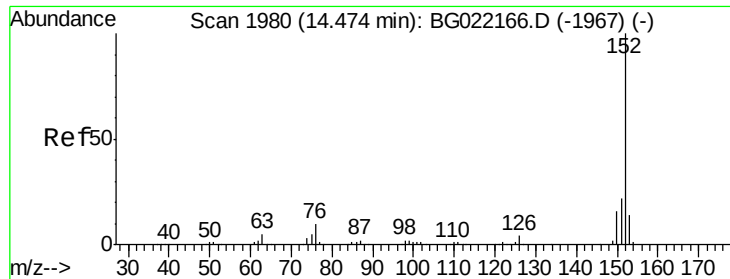
#47
2-Nitroaniline
Concen: 47.67 ng
RT: 13.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 65 Resp: 47472
Ion Ratio Lower Upper
65 100
92 84.4 49.2 73.8#
138 140.6 75.0 112.6#



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





#48

Acenaphthylene

Concen: 45.22 ng

RT: 14.36 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

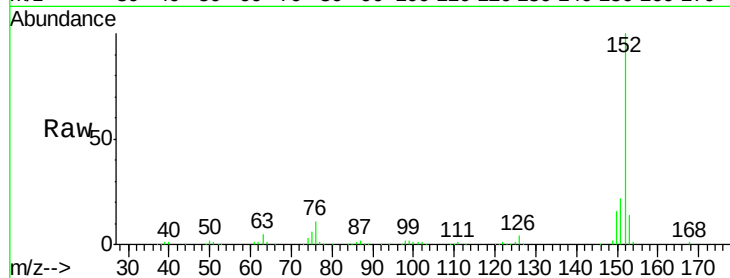
Tot Ion:152 Resp: 331426

Ion Ratio Lower Upper

152 100

151 22.0 16.6 24.8

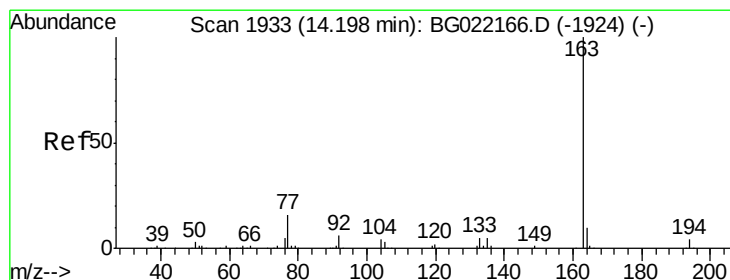
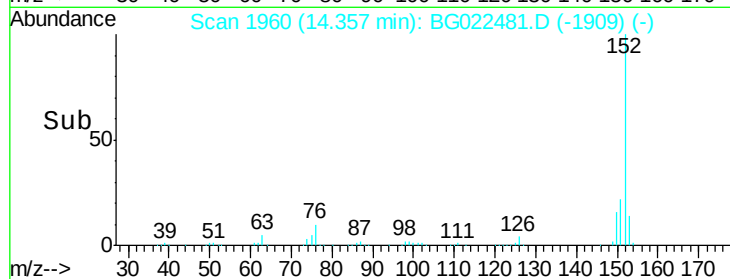
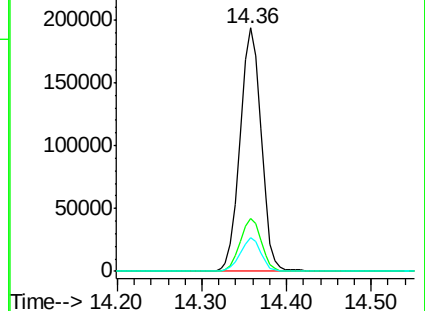
153 13.7 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.40 ng

RT: 14.09 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

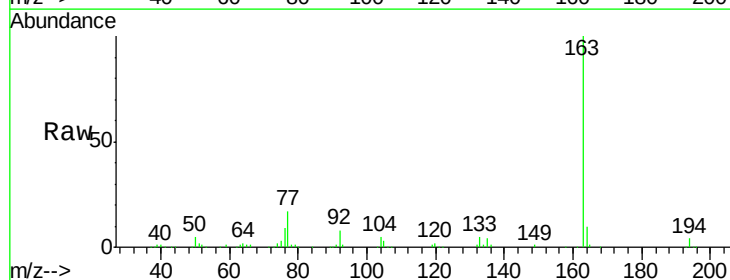
Tgt Ion:163 Resp: 260531

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

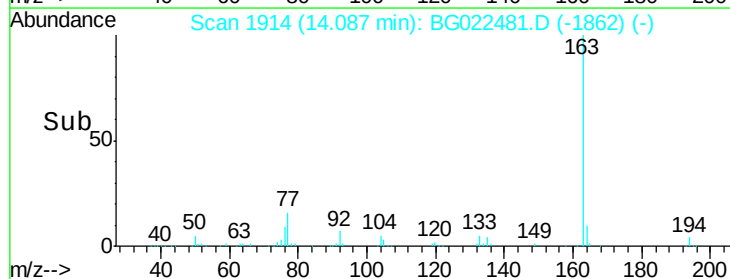
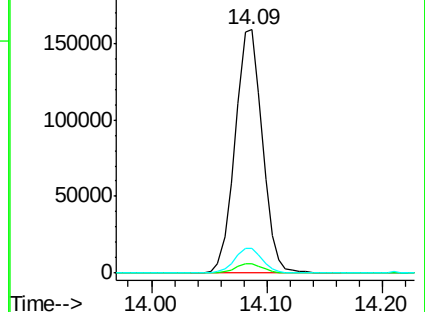
164 10.1 8.1 12.1

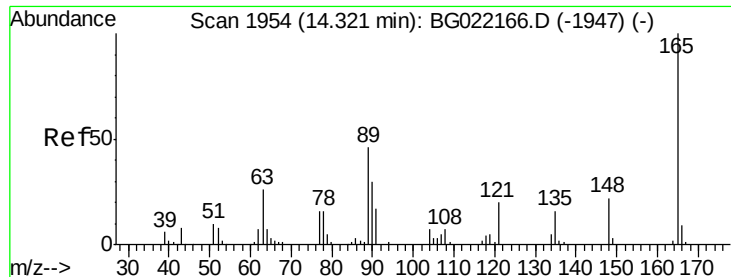


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

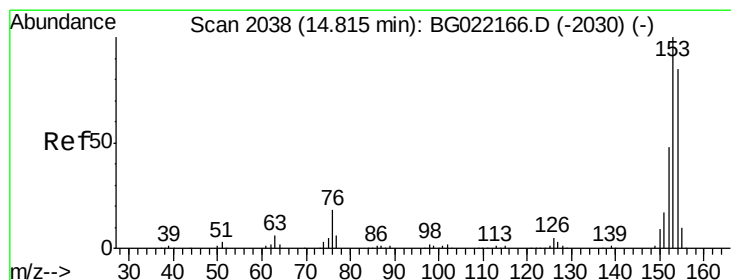
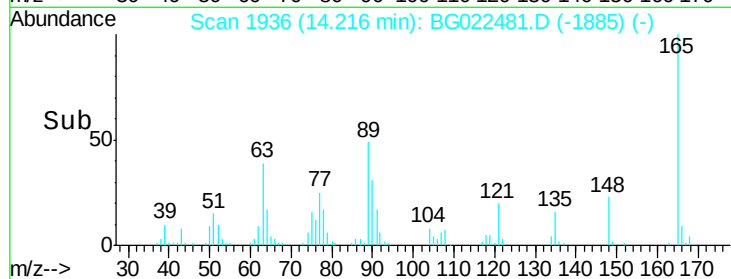
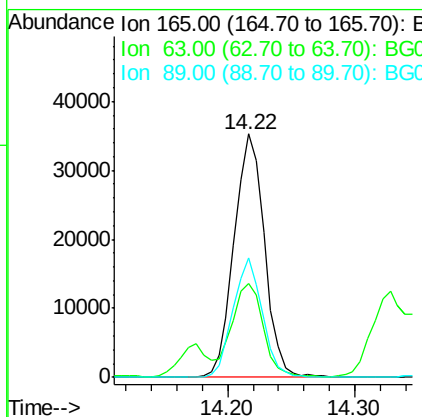
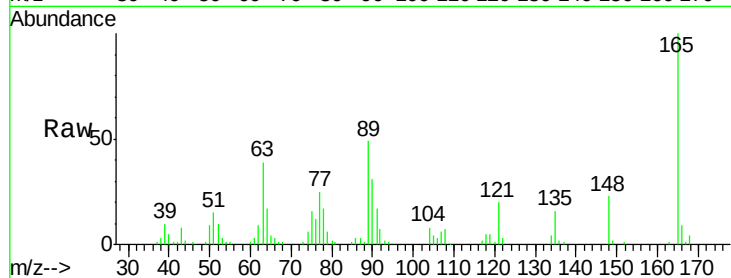




#50
2,6-Dinitrotoluene
Concen: 44.76 ng
RT: 14.22 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

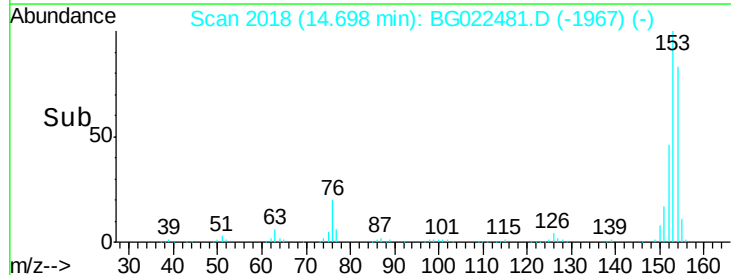
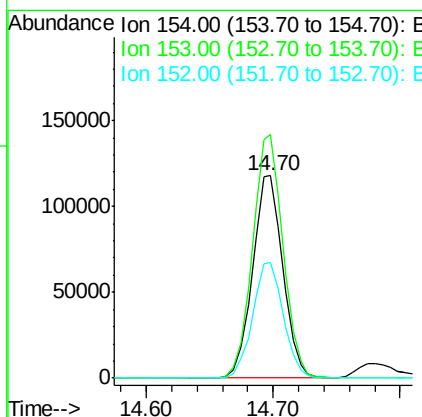
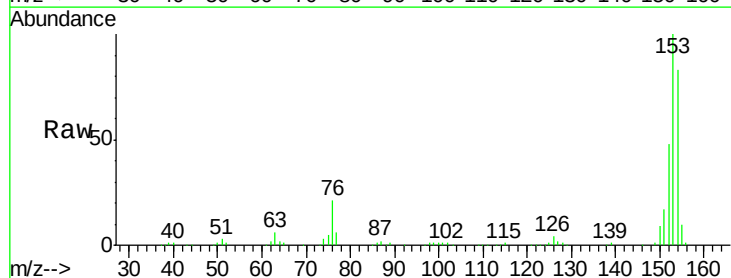
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

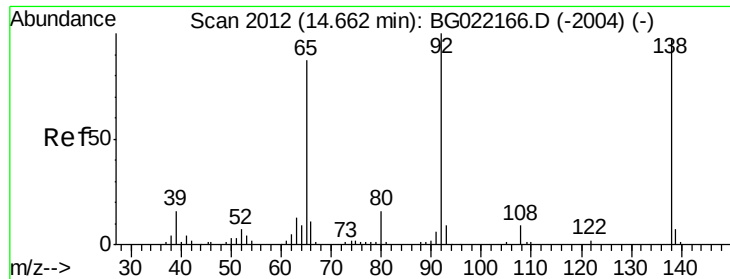
Tot Ion:165 Resp: 58418
Ion Ratio Lower Upper
165 100
63 38.6 48.2 72.4#
89 49.1 45.3 67.9



#51
Acenaphthene
Concen: 44.66 ng
RT: 14.70 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:154 Resp: 196096
Ion Ratio Lower Upper
154 100
153 120.5 91.9 137.9
152 57.3 42.0 63.0

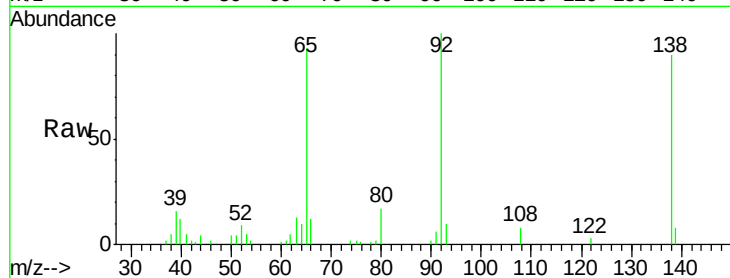




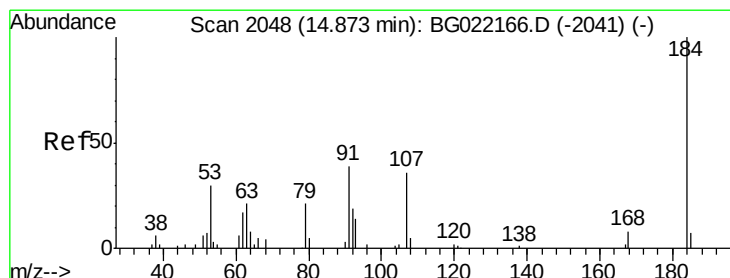
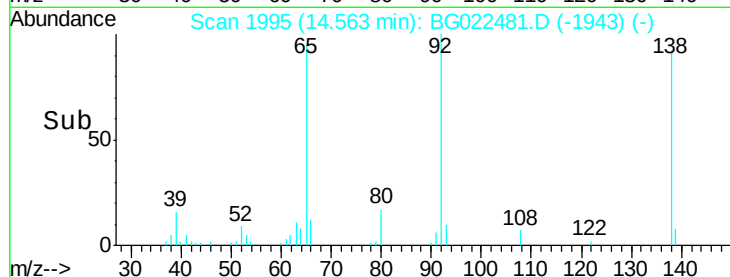
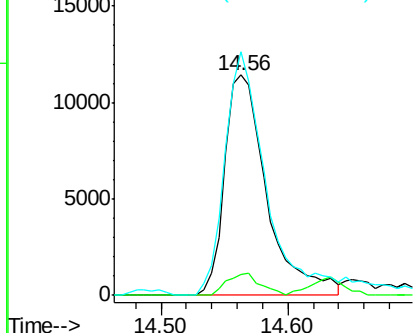
#52
 3-Nitroaniline
 Concen: 18.27 ng
 RT: 14.56 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MSD

Tot Ion:138 Resp: 26442
 Ion Ratio Lower Upper
 138 100
 108 9.2 9.1 13.7
 92 110.5 102.6 154.0

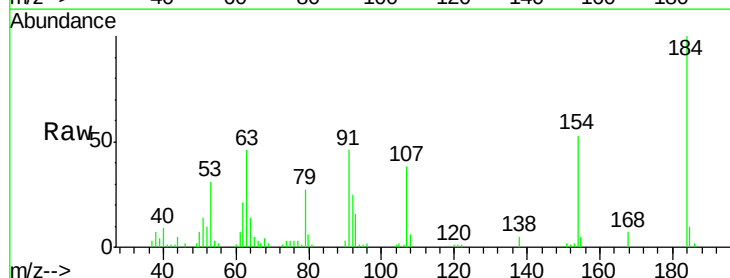


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

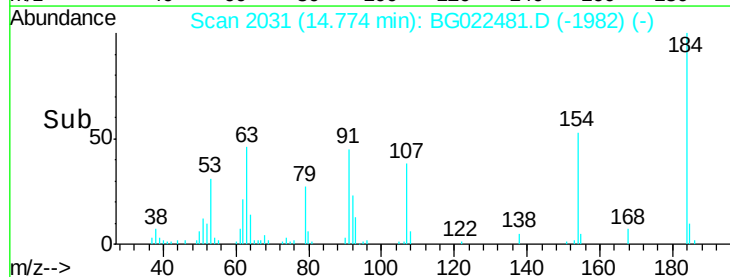
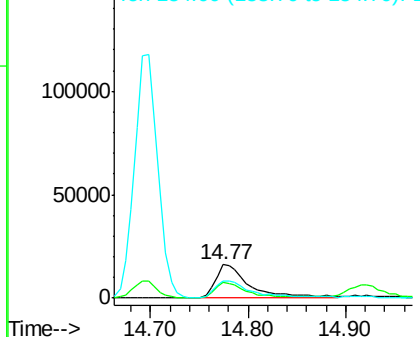


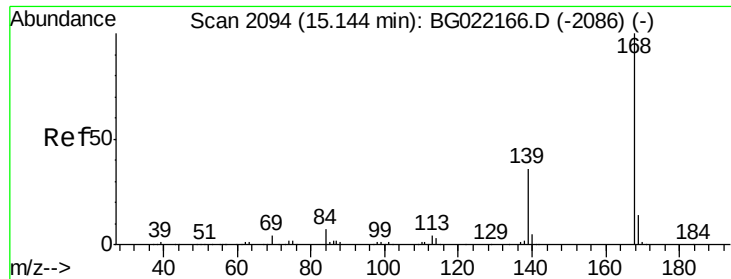
#53
 2,4-Dinitrophenol
 Concen: 75.54 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

Tgt Ion:184 Resp: 39878
 Ion Ratio Lower Upper
 184 100
 63 46.0 57.3 85.9#
 154 52.5 55.2 82.8#



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





#54

Dibenzofuran

Concen: 44.77 ng

RT: 15.03 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

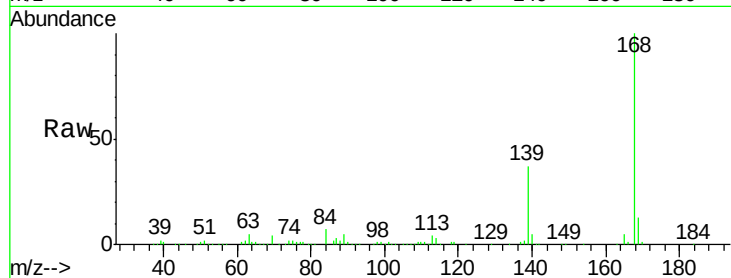
Tot Ion:168 Resp: 306779

Ion Ratio Lower Upper

168 100

139 37.1 31.1 46.7

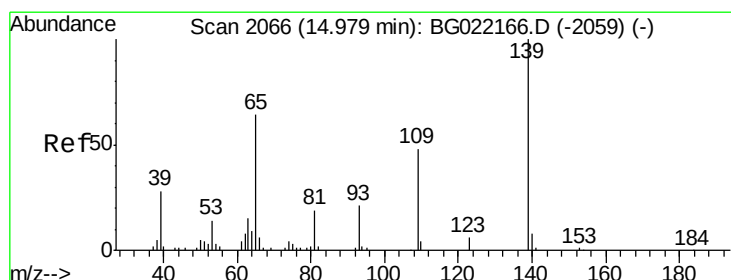
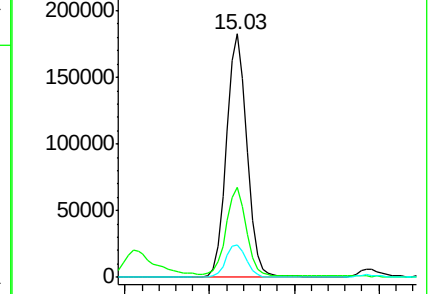
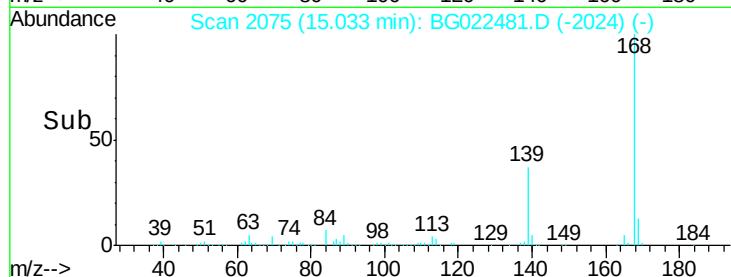
169 13.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 56.87 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

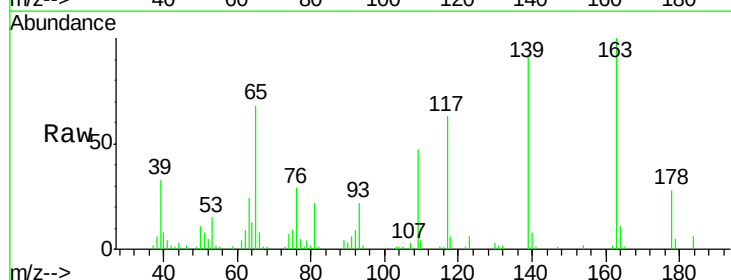
Tgt Ion:139 Resp: 56810

Ion Ratio Lower Upper

139 100

109 50.8 49.2 89.2

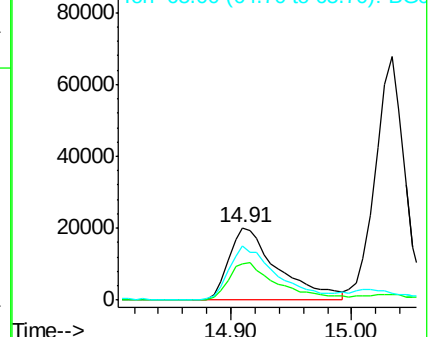
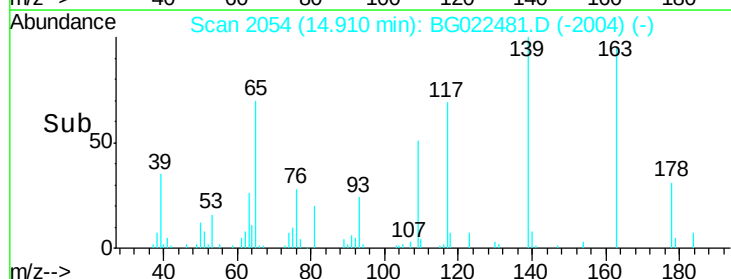
65 74.4 83.2 123.2#

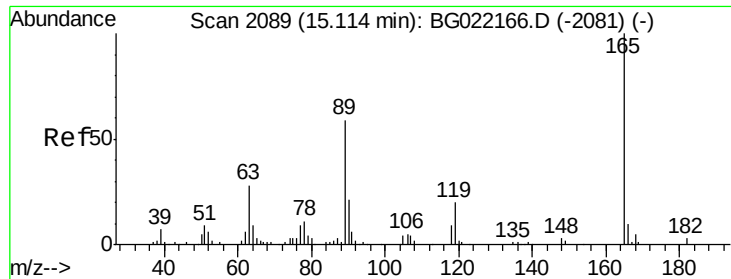


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





#56

2,4-Dinitrotoluene

Concen: 46.29 ng

RT: 15.02 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

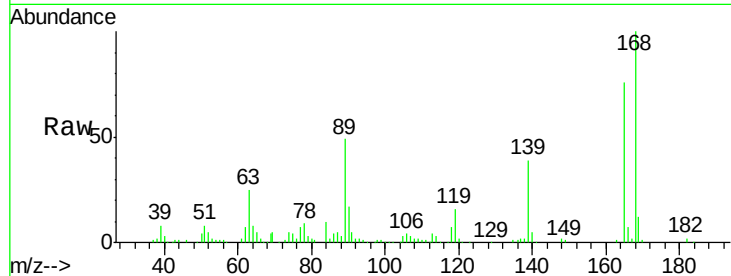
Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

Tot Ion:165	Resp:	81035
Ion Ratio	Lower	Upper
165	100	
63	32.2	37.4 56.0#
89	64.1	59.4 89.0
182	2.2	2.1 3.1

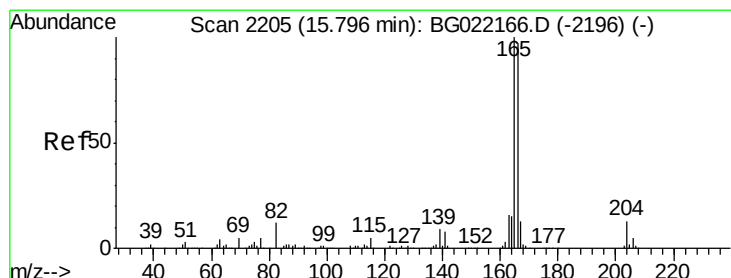
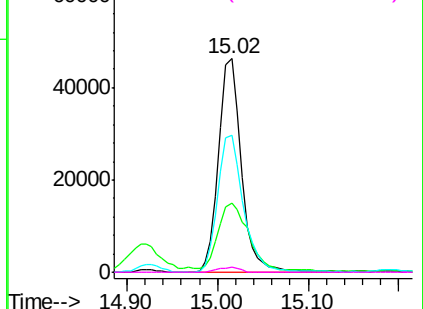
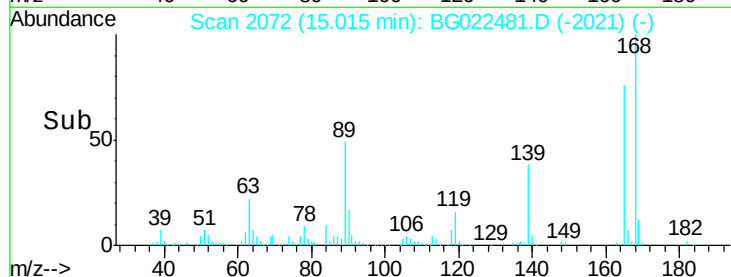


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 43.91 ng

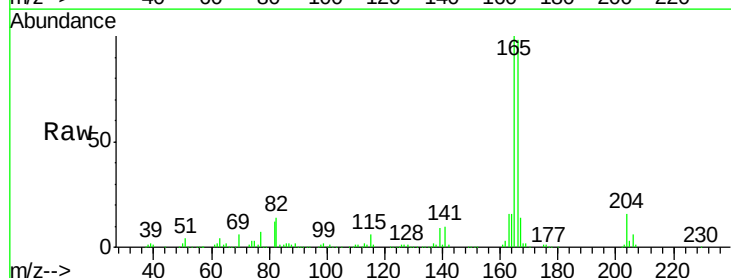
RT: 15.68 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

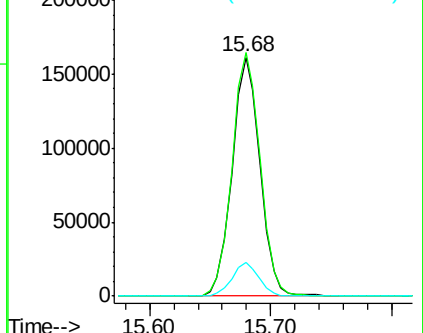
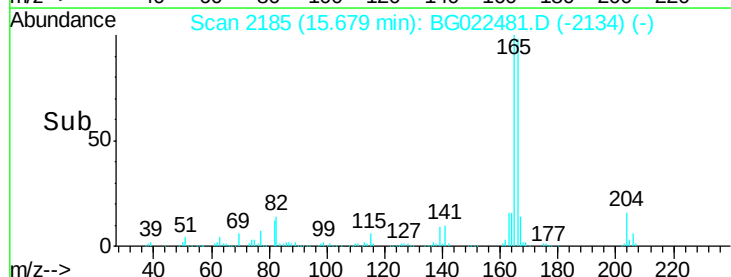
Tgt Ion:166	Resp:	259193
Ion Ratio	Lower	Upper
166	100	
165	101.9	79.0 118.4
167	13.9	10.7 16.1

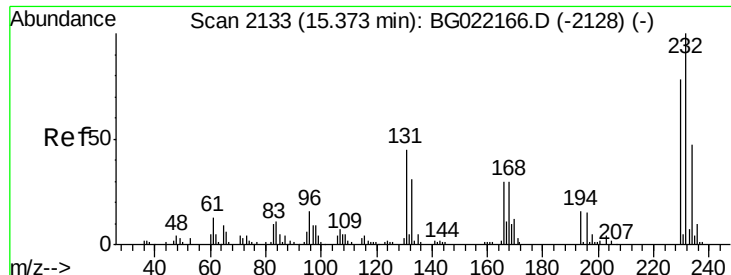


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

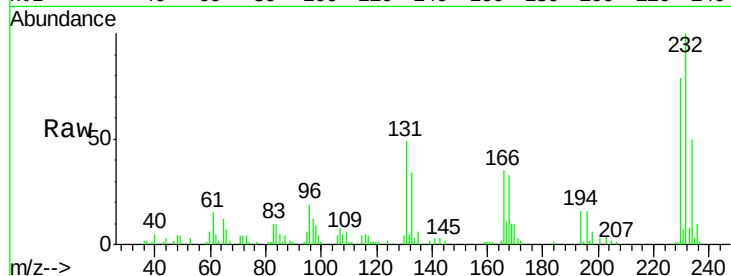




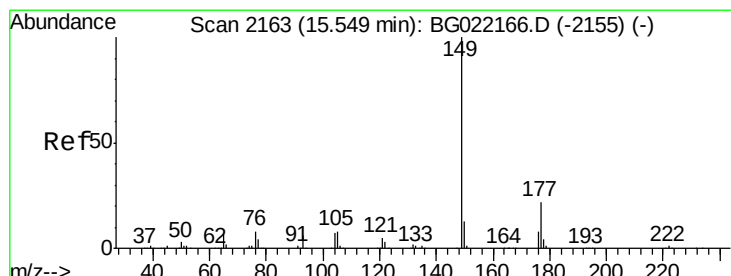
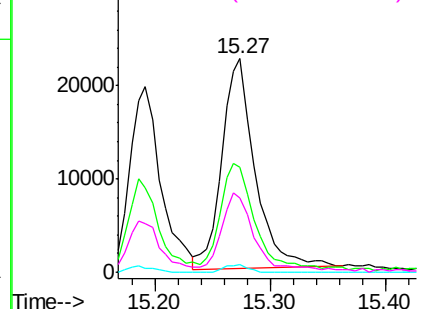
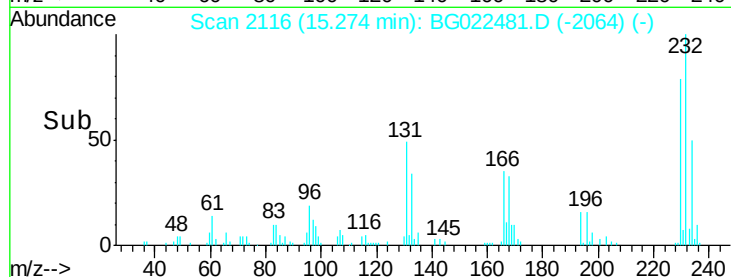
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.93 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MSD

Tot Ion:232 Resp: 44517
 Ion Ratio Lower Upper
 232 100
 131 54.2 36.3 54.5
 130 2.5 1.9 2.9
 166 35.6 25.0 37.4

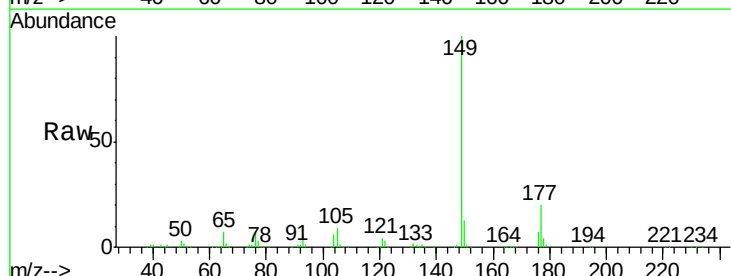


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

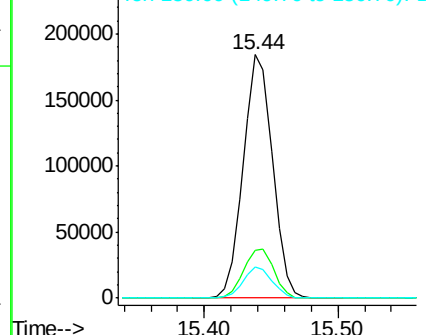
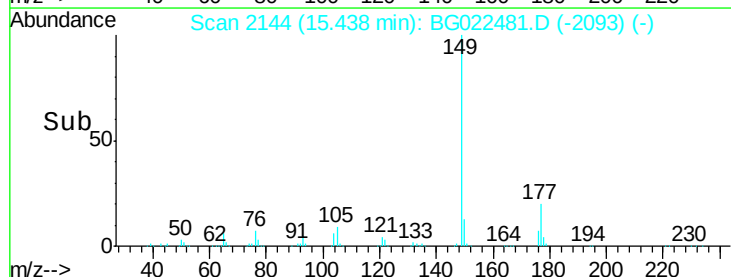


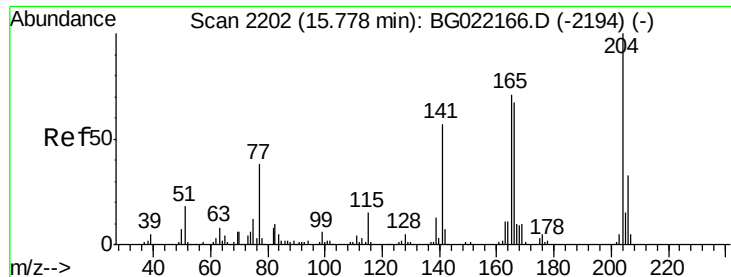
#59
 Diethylphthalate
 Concen: 43.60 ng
 RT: 15.44 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG022481.D
 Acq: 22 Jun 2016 00:54

Tgt Ion:149 Resp: 279600
 Ion Ratio Lower Upper
 149 100
 177 19.8 17.3 25.9
 150 12.9 9.7 14.5



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

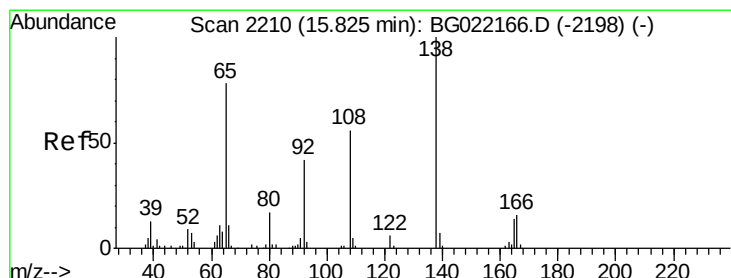
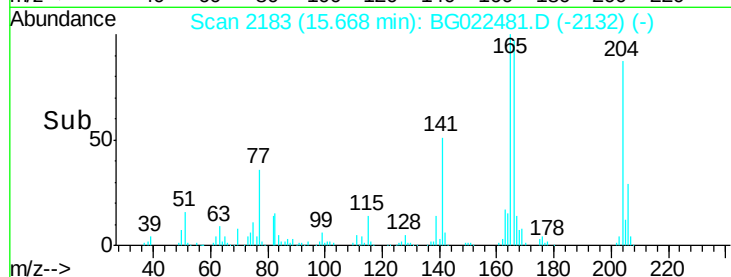
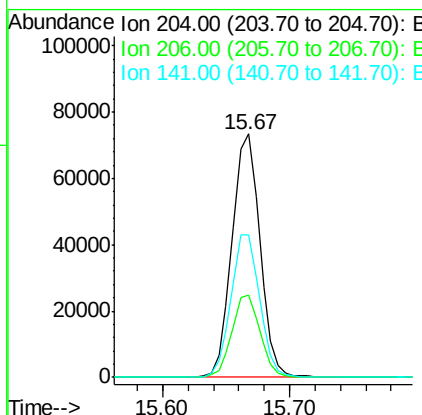
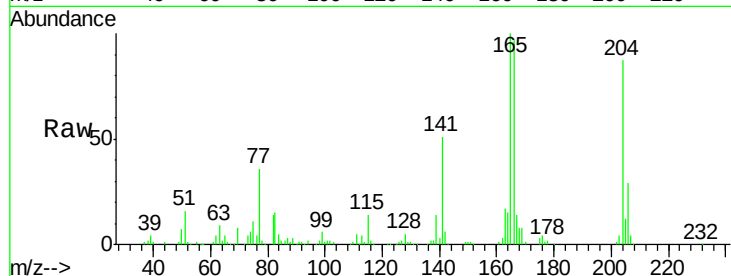




#60
4-Chlorophenyl-phenylether
Concen: 41.75 ng
RT: 15.67 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

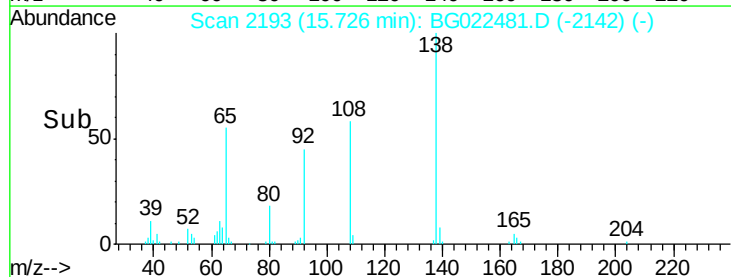
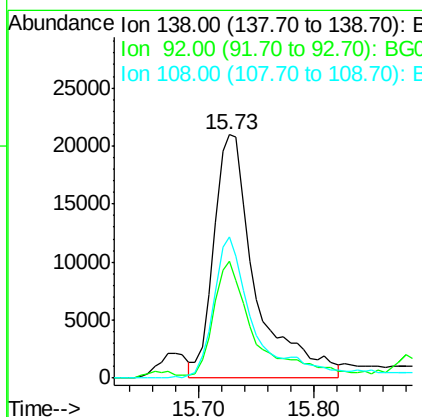
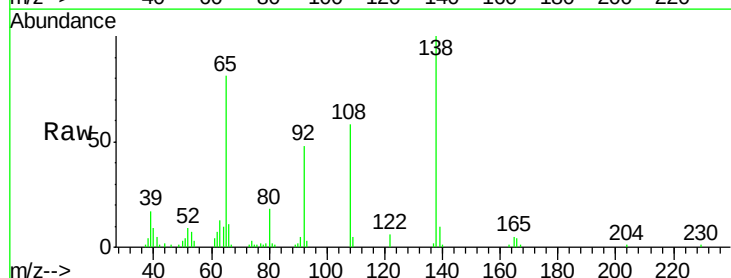
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

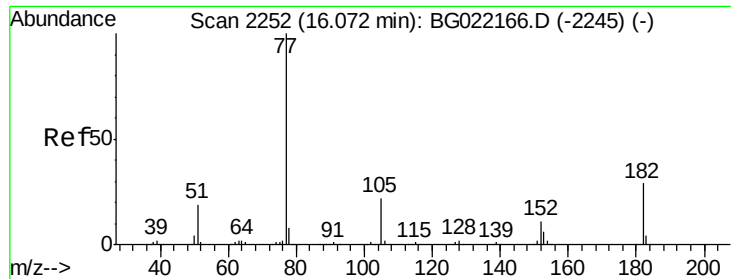
Tot Ion:204 Resp: 111603
Ion Ratio Lower Upper
204 100
206 34.0 27.8 41.8
141 58.4 51.0 76.4



#61
4-Nitroaniline
Concen: 34.40 ng m
RT: 15.73 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:138 Resp: 52805
Ion Ratio Lower Upper
138 100
92 48.0 37.7 77.7
108 58.1 59.4 99.4#





#62

Azobenzene

Concen: 47.74 ng

RT: 15.96 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

Tot Ion: 77 Resp: 231851

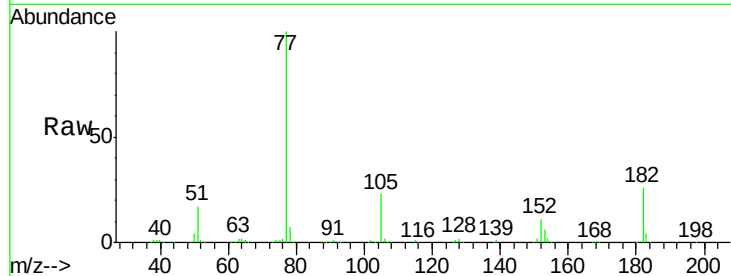
Ion Ratio Lower Upper

77 100

182 25.8 4.1 44.1

105 22.7 0.0 39.8

51 16.8 11.1 51.1

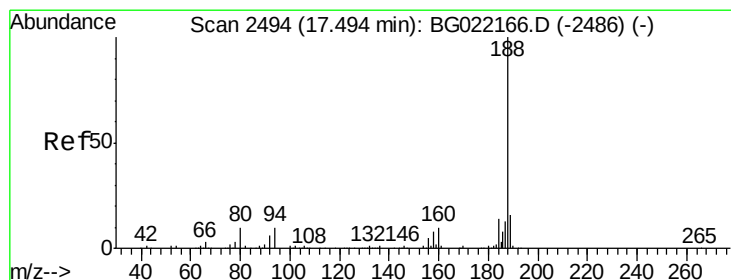
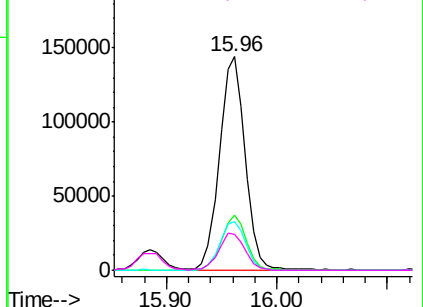
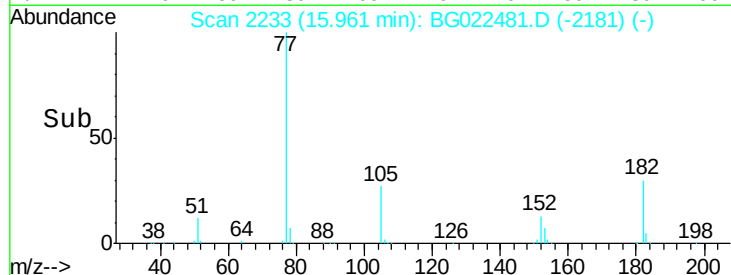


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

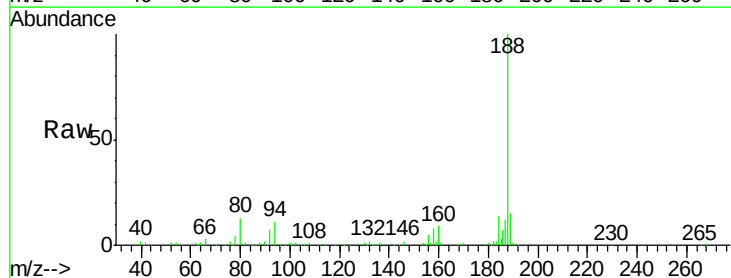
Tgt Ion: 188 Resp: 160178

Ion Ratio Lower Upper

188 100

94 10.7 7.5 11.3

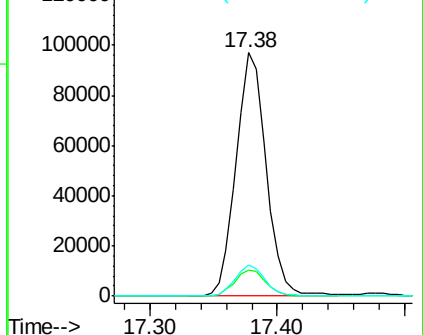
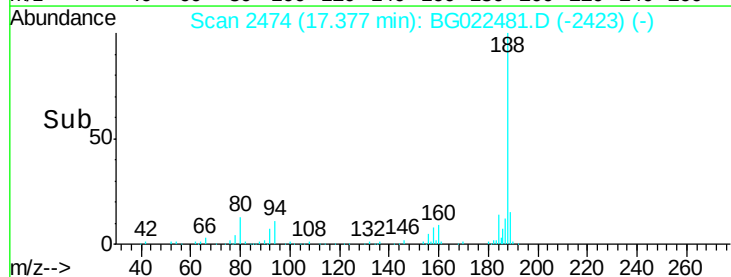
80 12.7 8.6 13.0

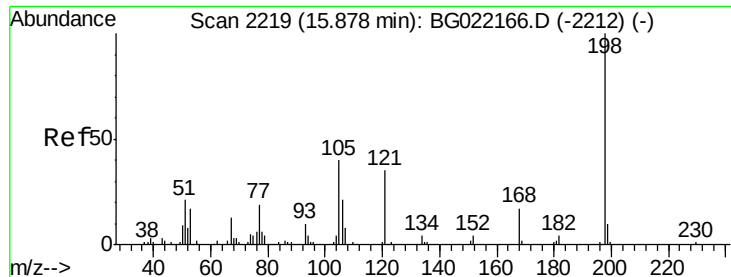


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 41.17 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

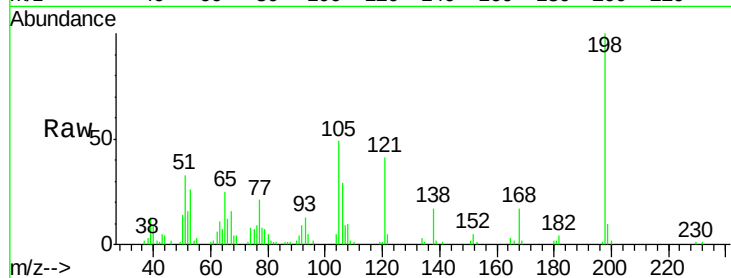
Tot Ion:198 Resp: 32726

Ion Ratio Lower Upper

198 100

51 33.3 29.2 69.2

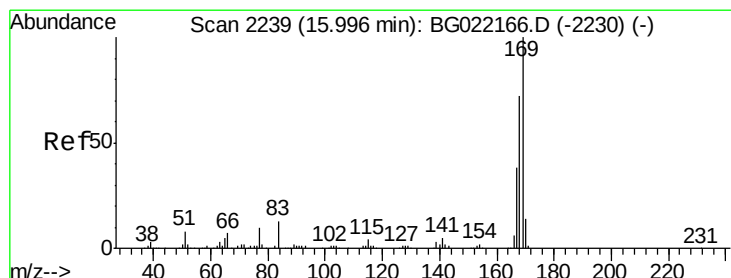
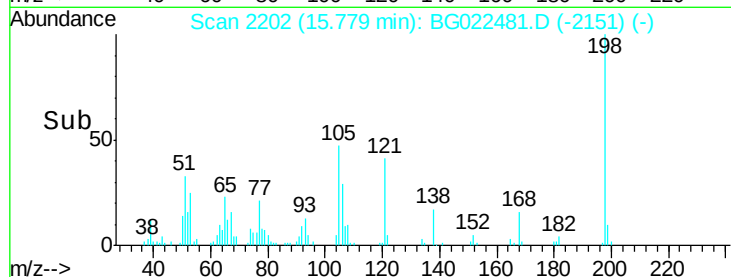
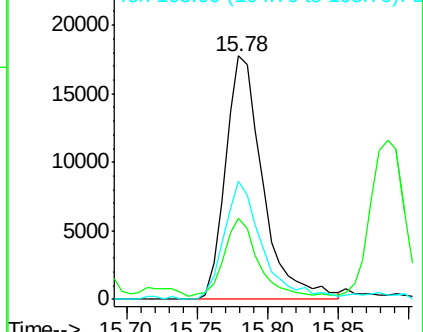
105 48.5 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG022166.D (-2212) (-)

Ion 105.00 (104.70 to 105.70): BG022166.D (-2212) (-)



#65

n-Nitrosodiphenylamine

Concen: 47.44 ng

RT: 15.88 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

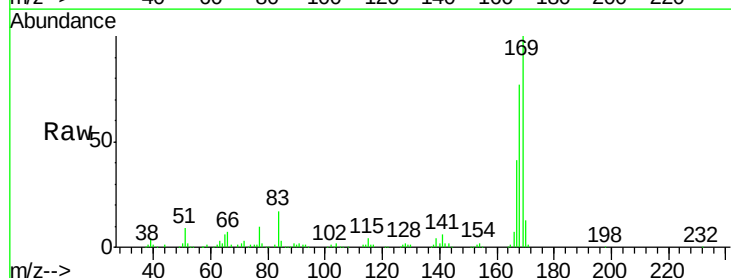
Tgt Ion:169 Resp: 218878

Ion Ratio Lower Upper

169 100

168 76.9 59.6 89.4

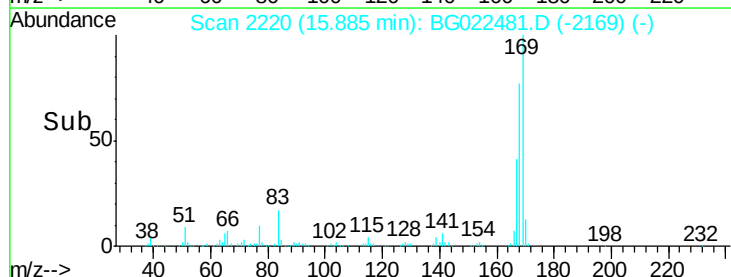
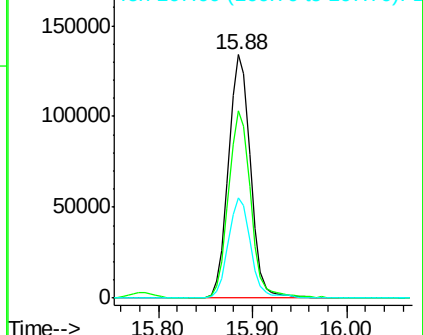
167 41.4 31.2 46.8

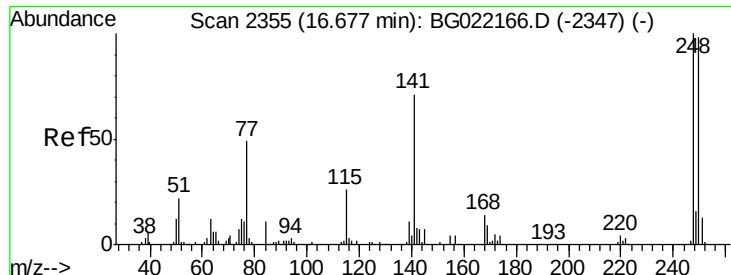


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG022166.D (-2230) (-)

Ion 167.00 (166.70 to 167.70): BG022166.D (-2230) (-)

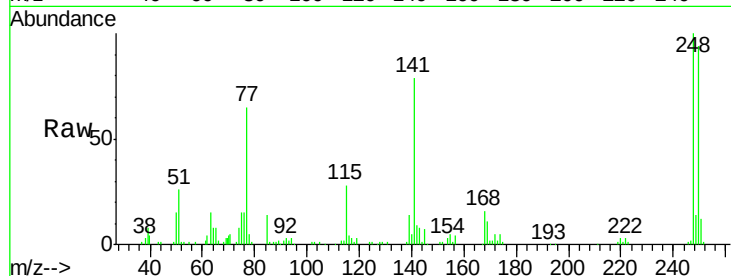




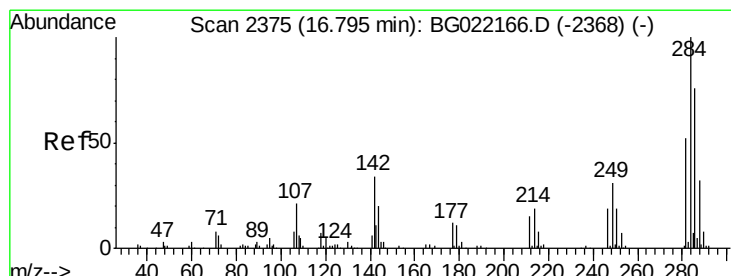
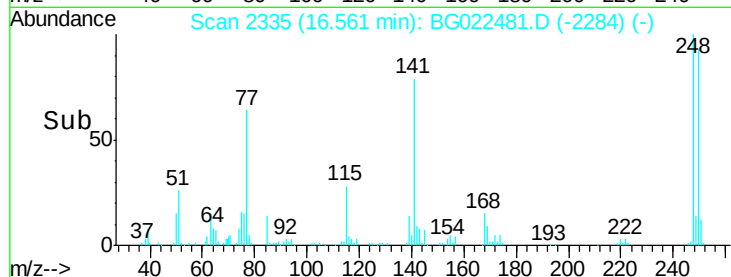
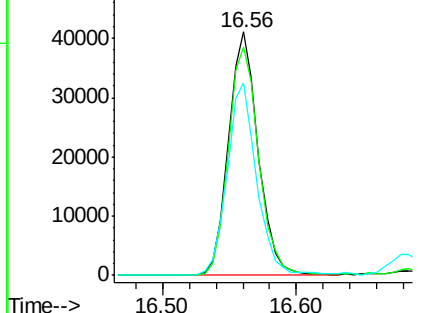
#66
4-Bromophenyl-phenylether
Concen: 42.49 ng
RT: 16.56 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion:248 Resp: 63771
Ion Ratio Lower Upper
248 100
250 93.5 76.6 114.8
141 79.2 63.8 95.6

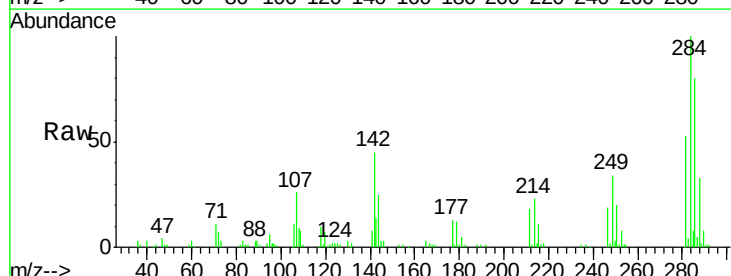


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

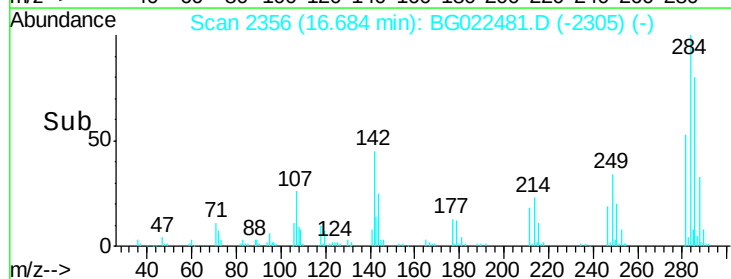
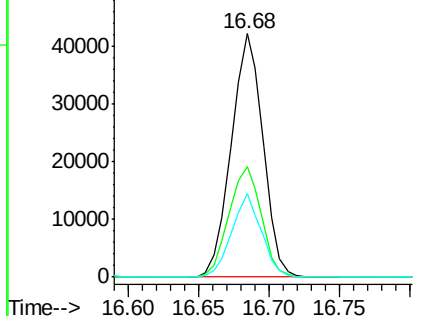


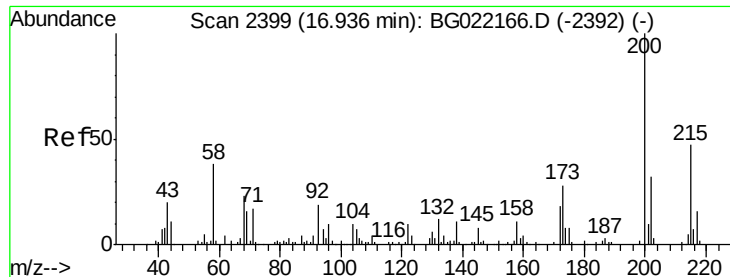
#67
Hexachlorobenzene
Concen: 37.72 ng
RT: 16.68 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:284 Resp: 65977
Ion Ratio Lower Upper
284 100
142 45.3 31.8 47.6
249 36.9 27.3 40.9



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





#68

Atrazine

Concen: 39.81 ng

RT: 16.83 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

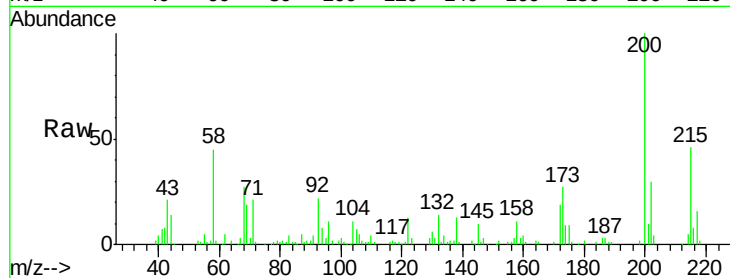
Tot Ion:200 Resp: 67993

Ion Ratio Lower Upper

200 100

173 27.4 5.1 45.1

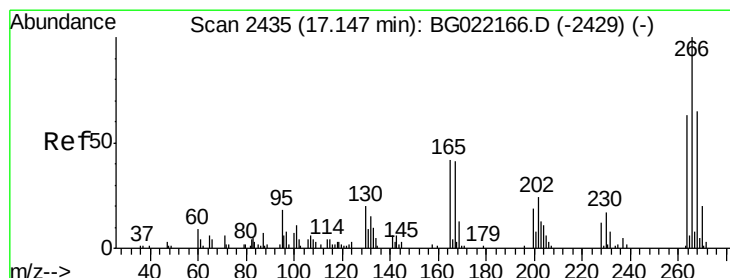
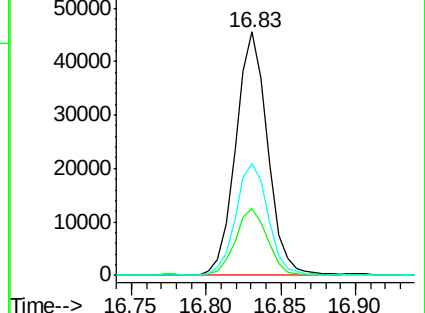
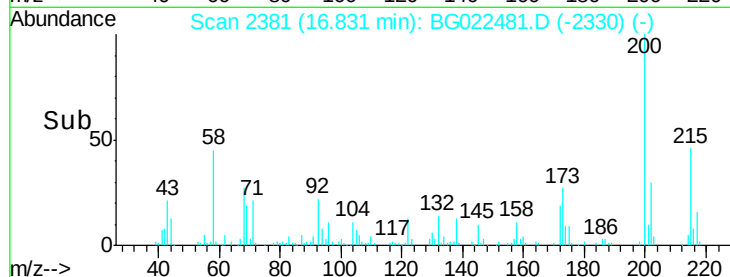
215 46.1 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 50.84 ng

RT: 17.04 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

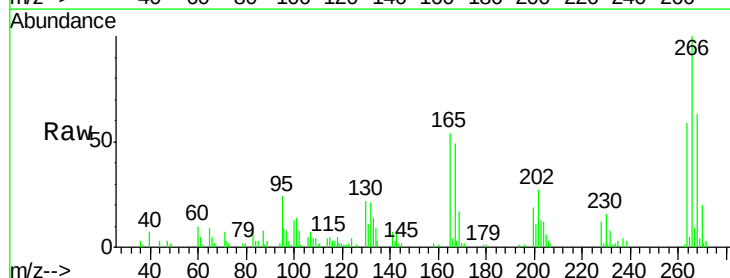
Tgt Ion:266 Resp: 38177

Ion Ratio Lower Upper

266 100

268 66.6 54.5 81.7

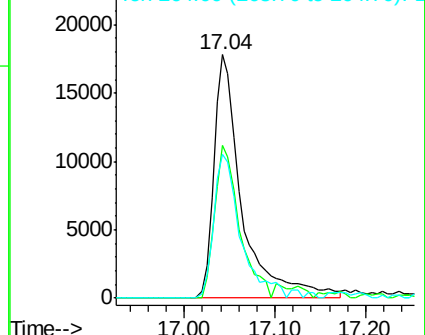
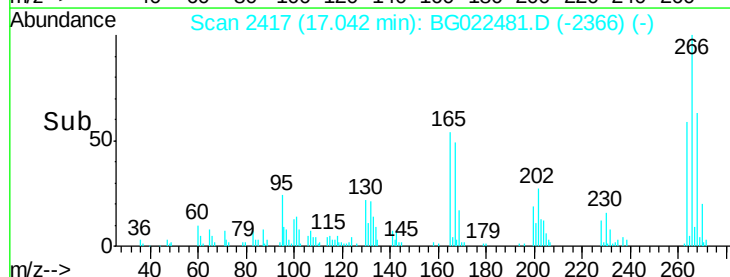
264 64.4 53.8 80.6

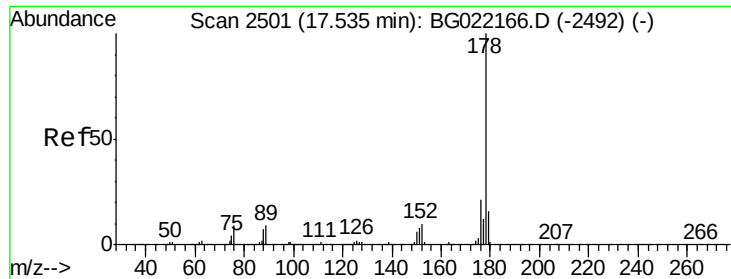


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

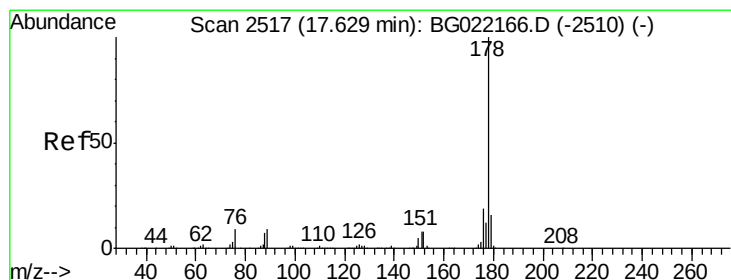
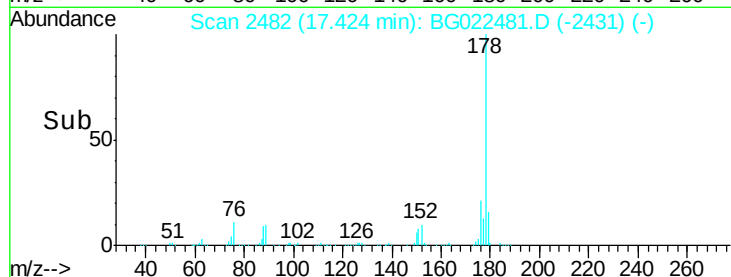
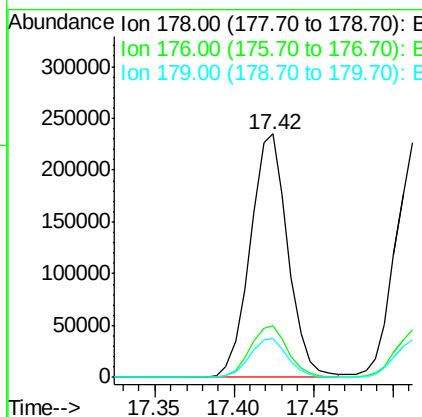
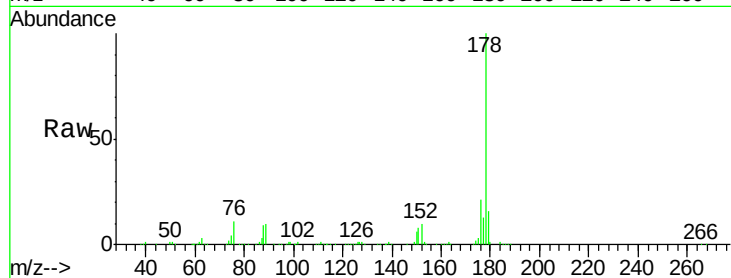




#70
Phenanthrene
Concen: 44.54 ng
RT: 17.42 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

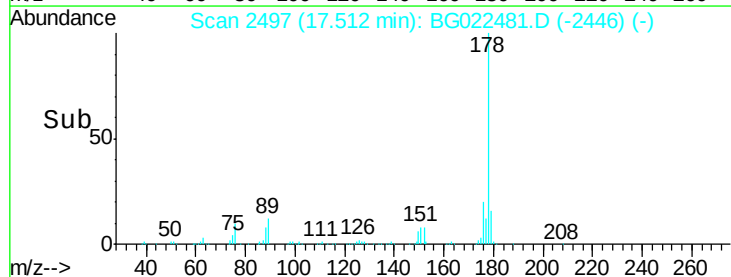
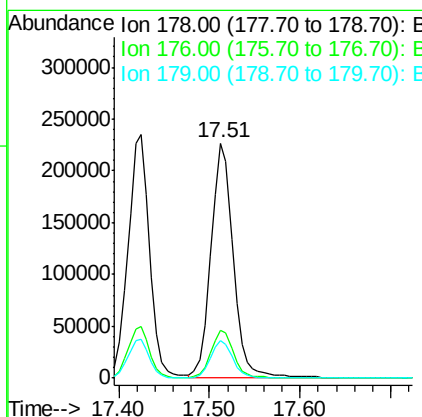
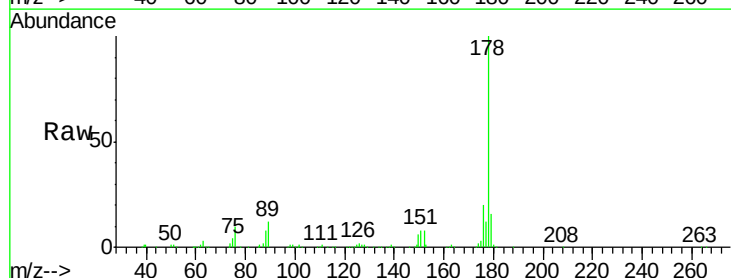
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

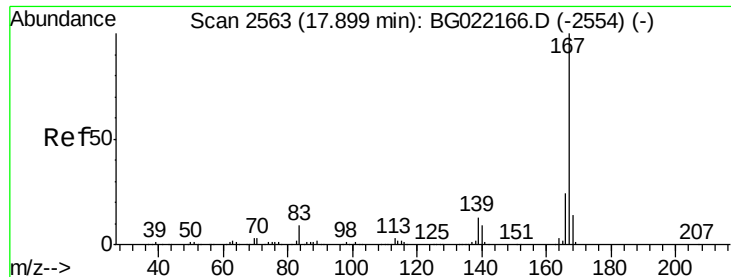
Tot Ion:178 Resp: 387465
Ion Ratio Lower Upper
178 100
176 21.3 16.2 24.4
179 16.0 12.0 18.0



#71
Anthracene
Concen: 44.54 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:178 Resp: 384292
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 16.2 12.2 18.4





#72

Carbazole

Concen: 43.23 ng

RT: 17.79 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

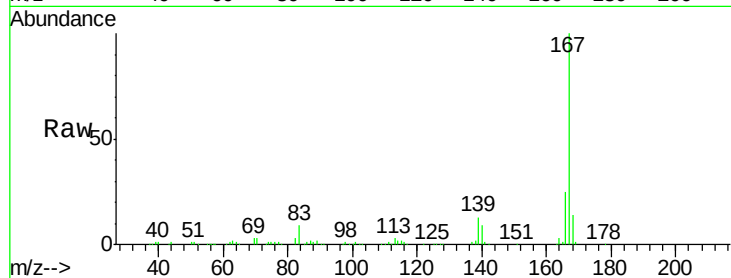
Tot Ion:167 Resp: 353231

Ion Ratio Lower Upper

167 100

166 24.8 18.6 27.8

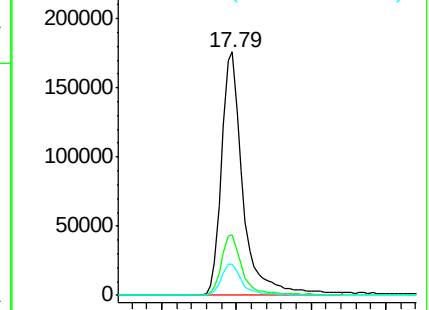
139 12.7 10.6 15.8



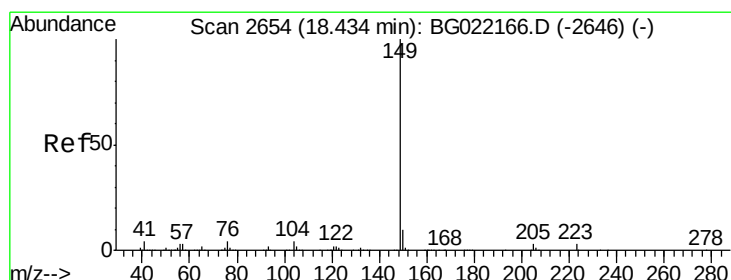
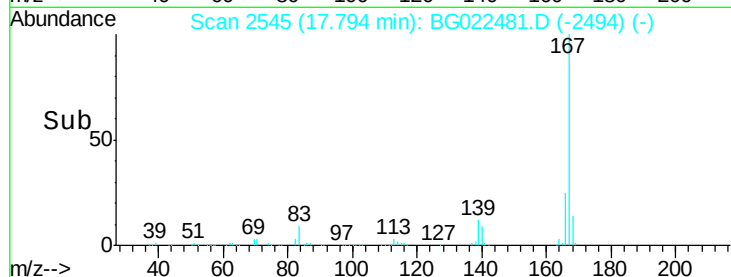
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 46.05 ng

RT: 18.32 min Scan# 2635

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

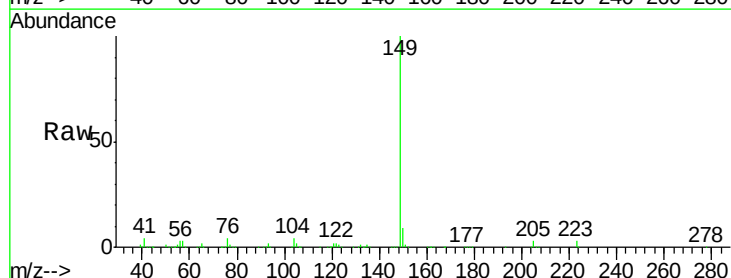
Tgt Ion:149 Resp: 491968

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

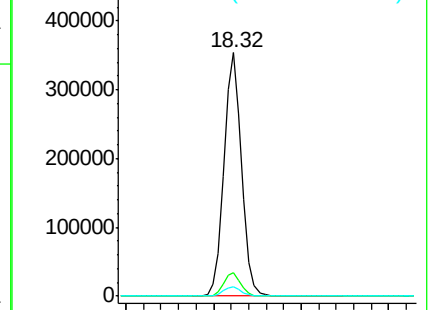
104 3.9 4.0 6.0#



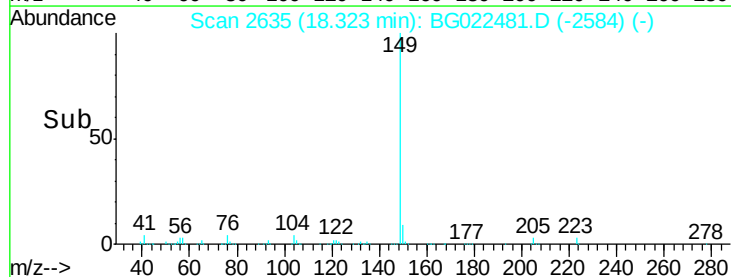
Abundance Ion 149.00 (148.70 to 149.70): E

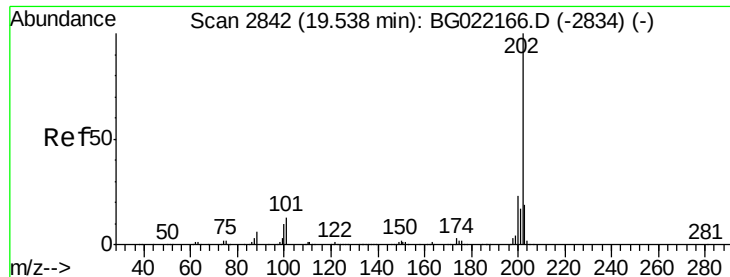
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#74

Fluoranthene

Concen: 41.53 ng

RT: 19.43 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

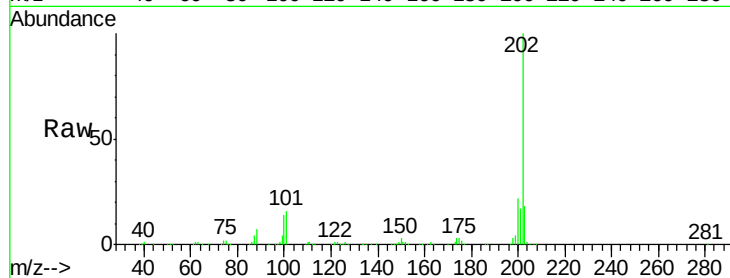
Tot Ion:202 Resp: 415322

Ion Ratio Lower Upper

202 100

101 16.2 0.0 31.0

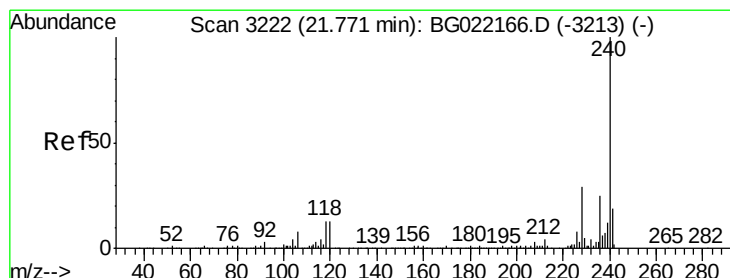
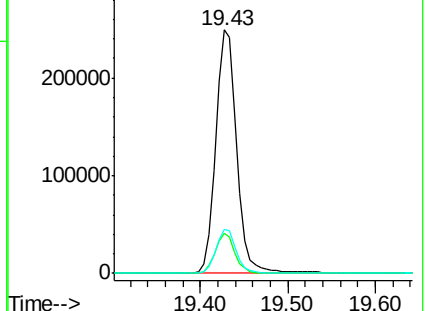
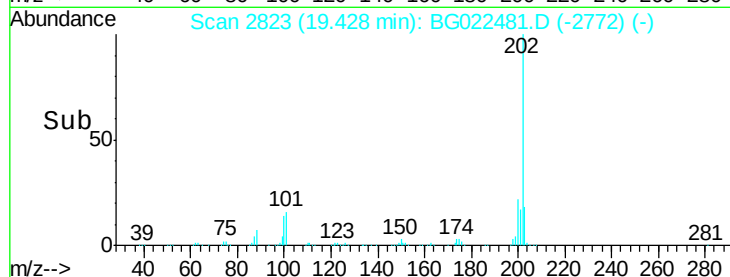
203 18.2 0.0 37.9



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: 21.64 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

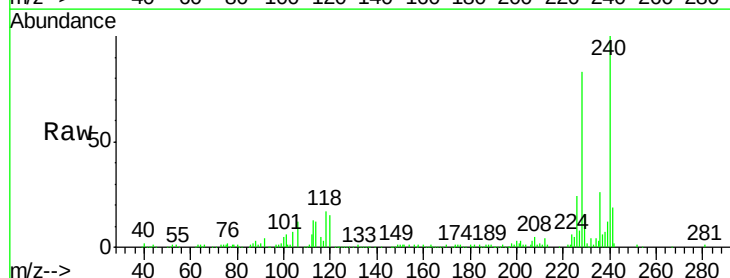
Tgt Ion:240 Resp: 133089

Ion Ratio Lower Upper

240 100

120 15.4 8.4 12.6#

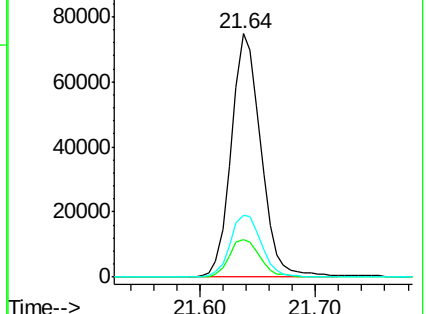
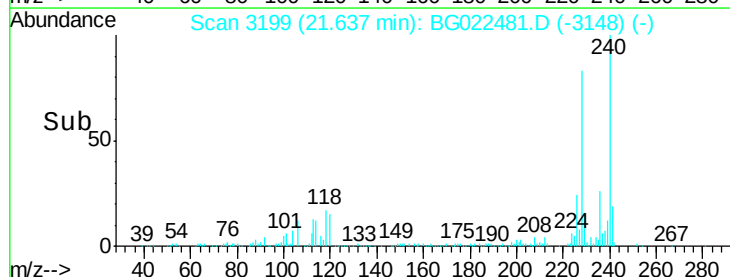
236 25.6 19.6 29.4

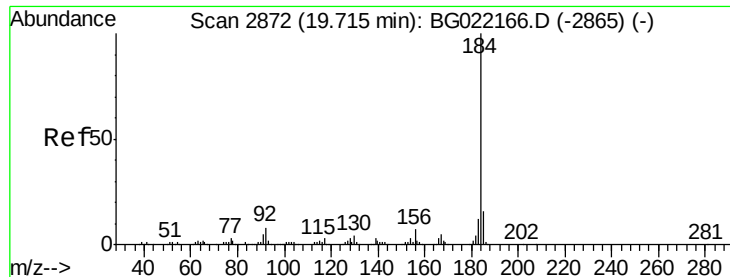


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

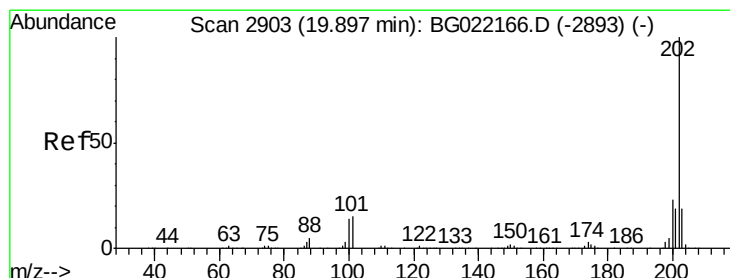
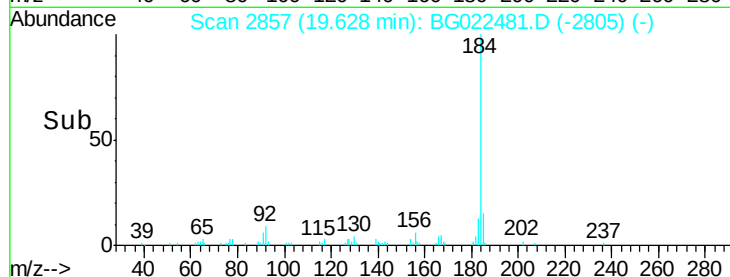
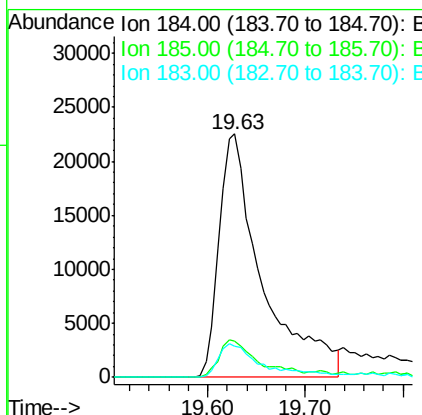
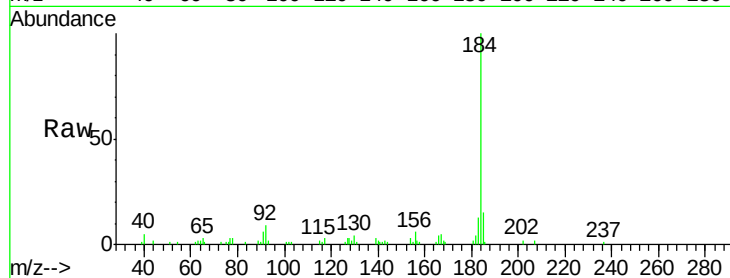




#76
Benzidine
Concen: 19.94 ng
RT: 19.63 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

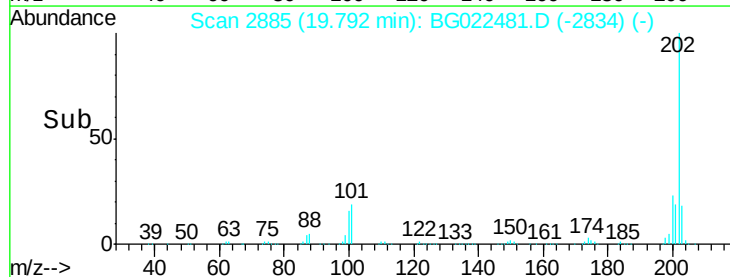
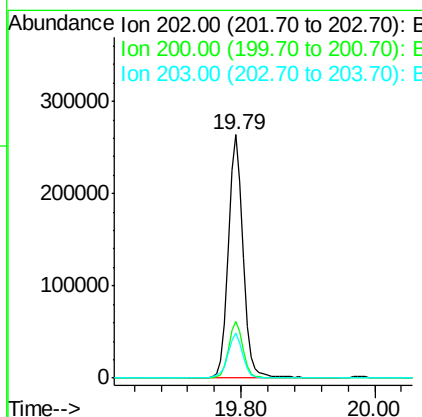
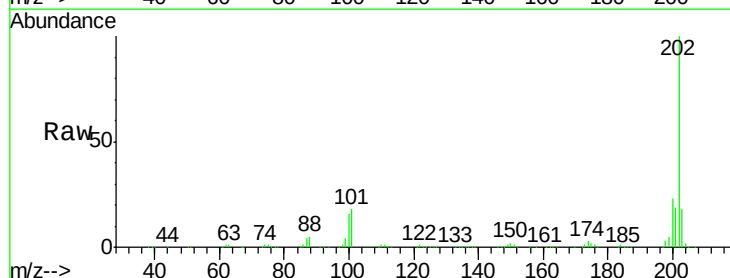
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

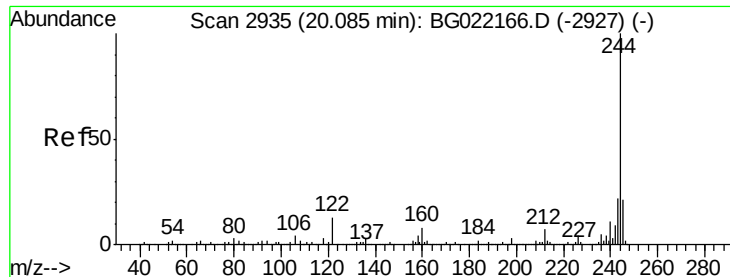
Tot Ion:184 Resp: 69387
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 13.1 10.2 15.4



#77
Pyrene
Concen: 49.75 ng
RT: 19.79 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:202 Resp: 411630
Ion Ratio Lower Upper
202 100
200 23.3 18.2 27.2
203 18.3 15.0 22.4





#78

Terphenyl-d14

Concen: 98.99 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

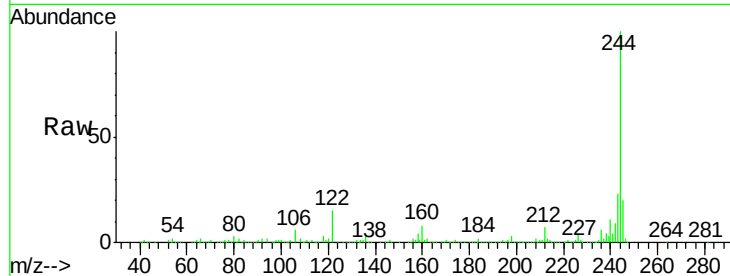
Tot Ion:244 Resp: 554946

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

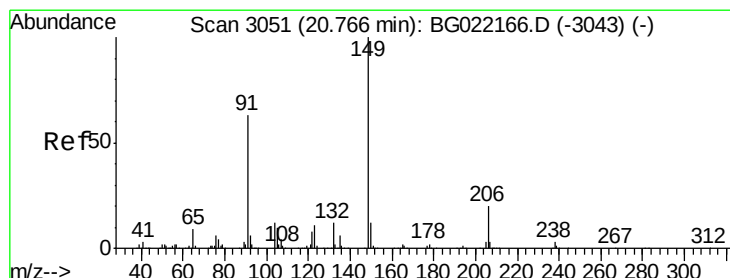
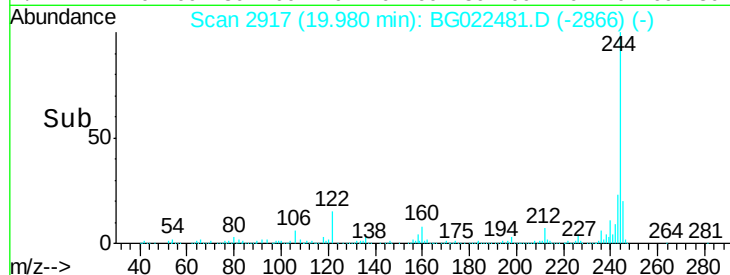
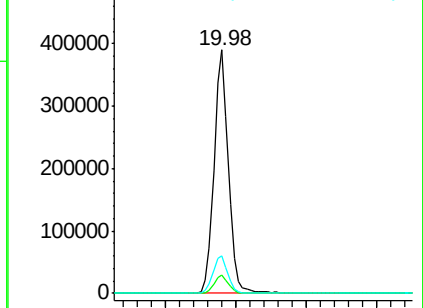
122 15.2 8.6 12.8#



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: 55.50 ng

RT: 20.66 min Scan# 3033

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

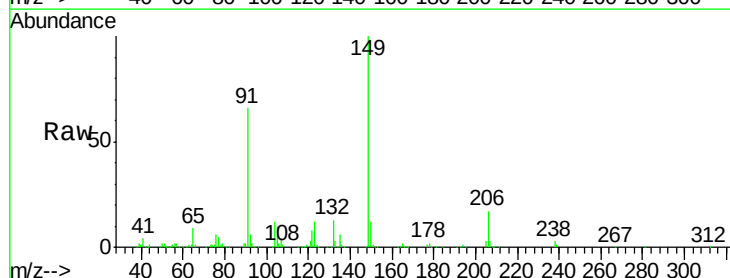
Tgt Ion:149 Resp: 212967

Ion Ratio Lower Upper

149 100

91 66.3 57.8 86.8

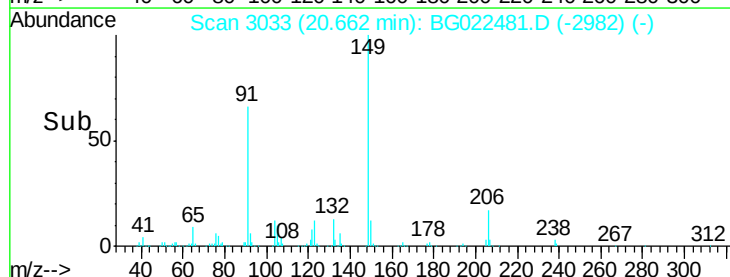
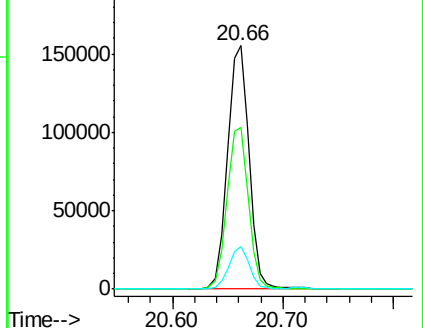
206 17.4 17.0 25.4

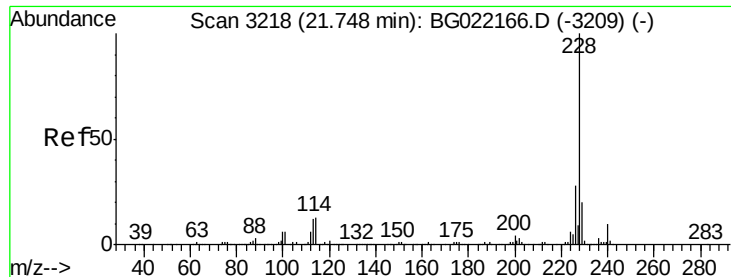


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

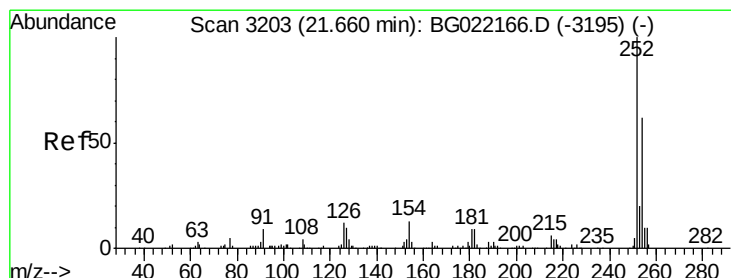
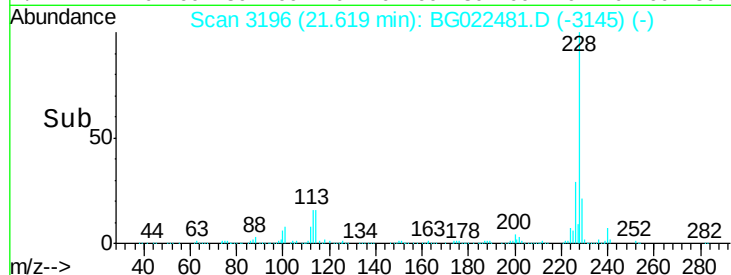
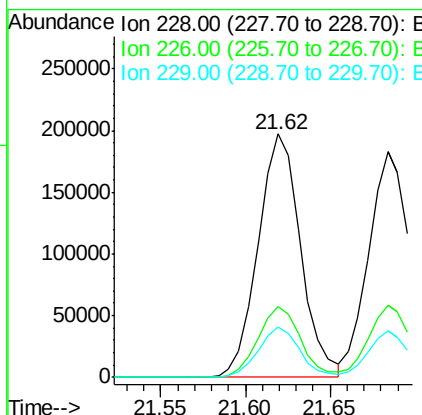
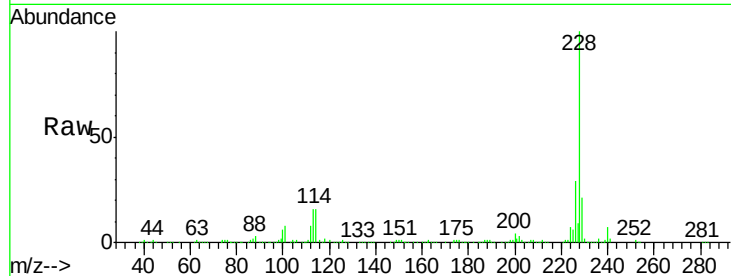




#80
Benzo(a)anthracene
Concen: 46.23 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

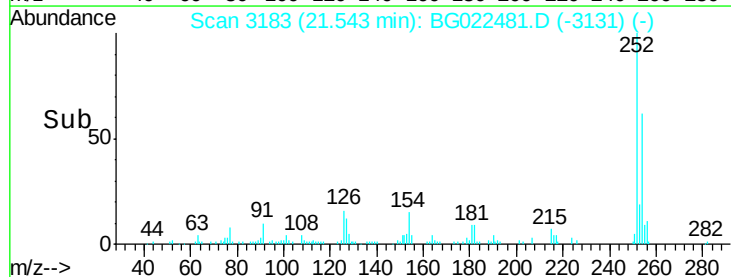
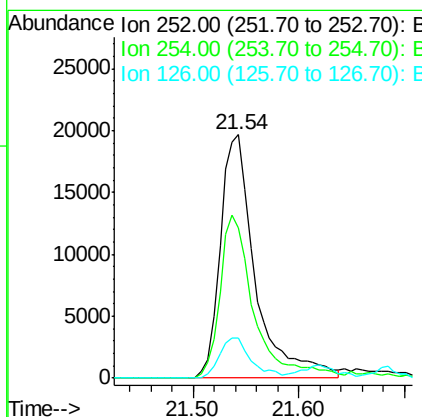
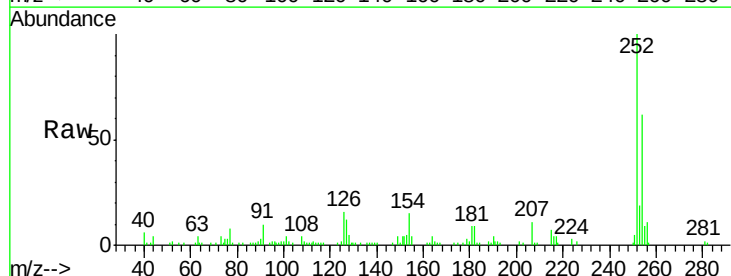
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

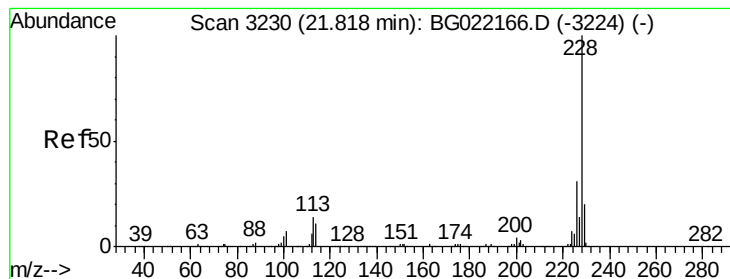
Tot Ion:228 Resp: 344985
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 20.8 16.1 24.1



#81
3,3'-Dichlorobenzidine
Concen: 21.55 ng
RT: 21.54 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:252 Resp: 45160
Ion Ratio Lower Upper
252 100
254 61.9 51.8 77.6
126 16.3 8.8 13.2#





#82

Chrysene

Concen: 44.42 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

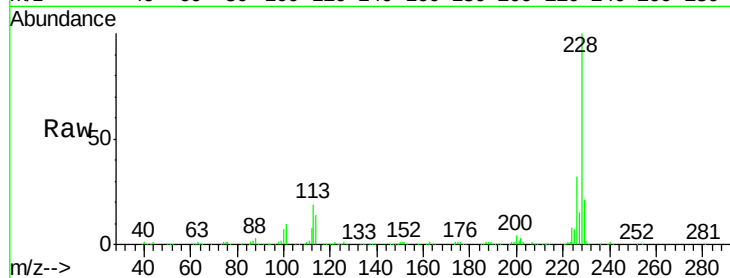
Tot Ion:228 Resp: 322576

Ion Ratio Lower Upper

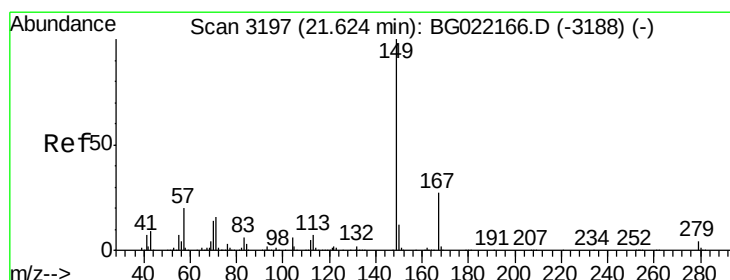
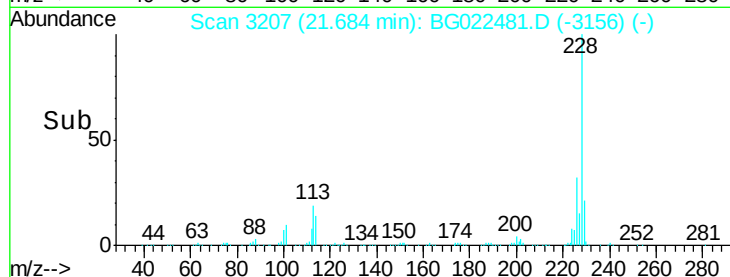
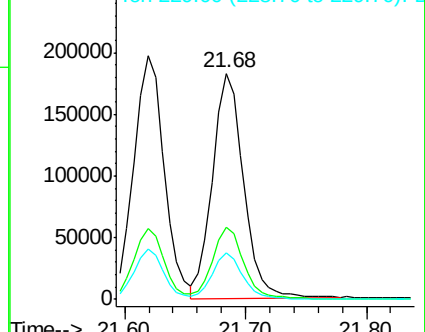
228 100

226 31.8 25.4 38.0

229 20.8 15.9 23.9



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: 54.62 ng

RT: 21.50 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

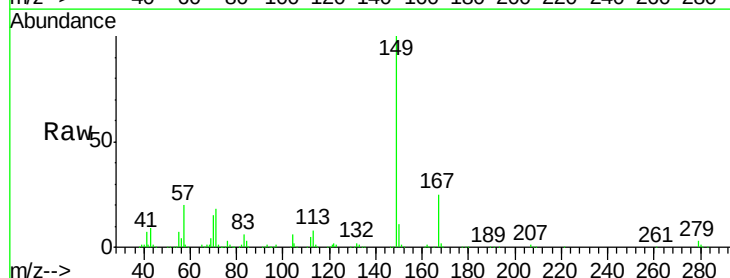
Tgt Ion:149 Resp: 308224

Ion Ratio Lower Upper

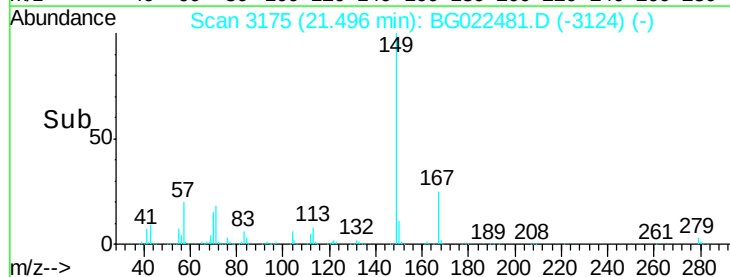
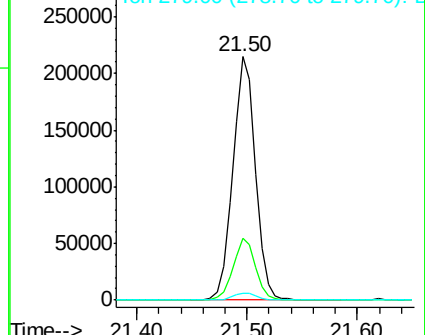
149 100

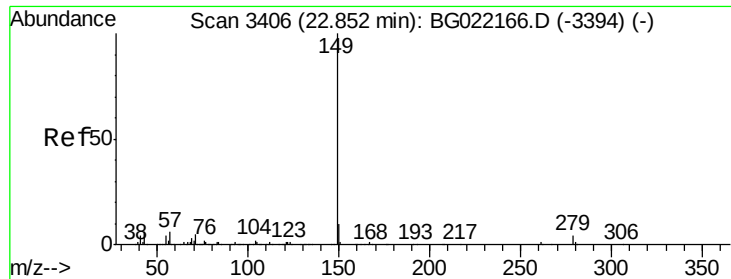
167 25.4 22.4 33.6

279 2.8 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

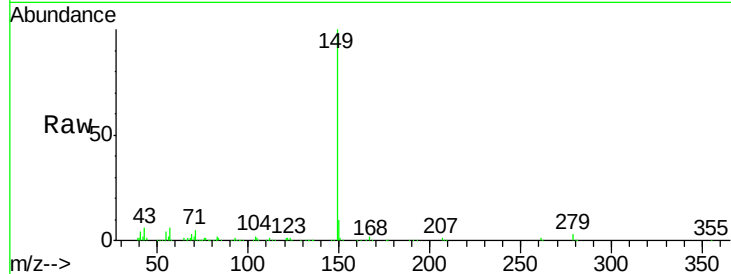




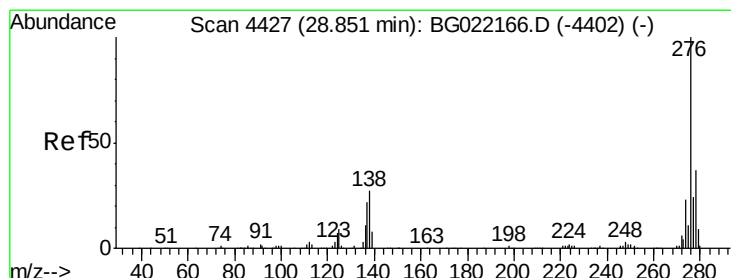
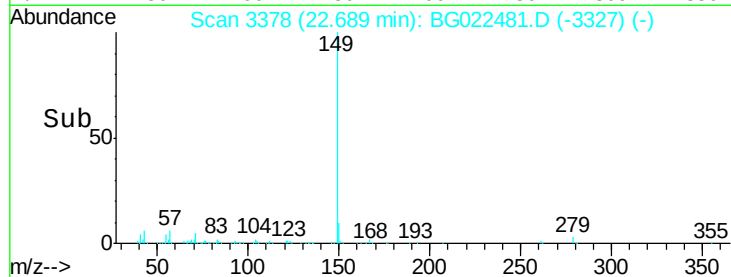
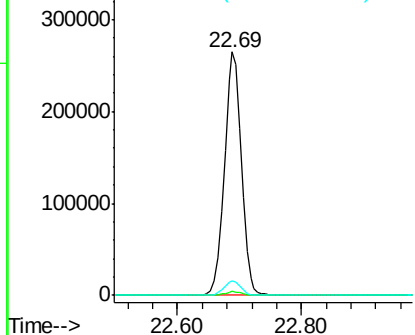
#84
Di-n-octyl phthalate
Concen: 54.23 ng
RT: 22.69 min Scan# 3378
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

Tot Ion:149 Resp: 508131
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 5.7 9.8 14.6#

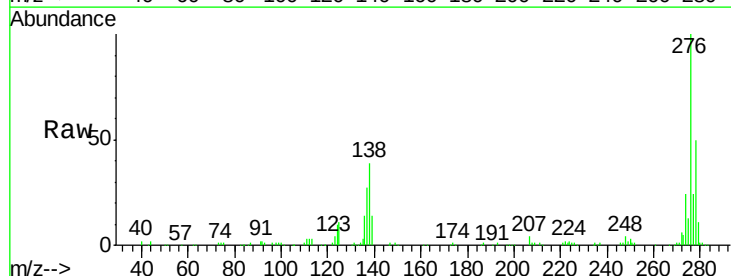


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

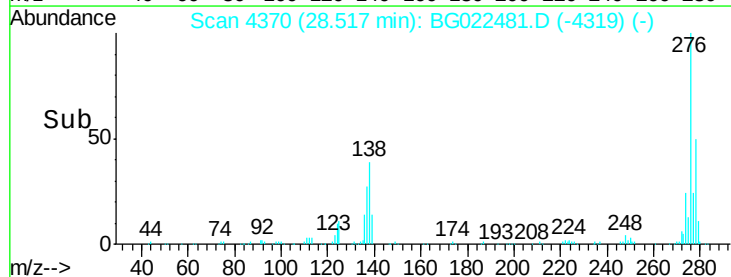
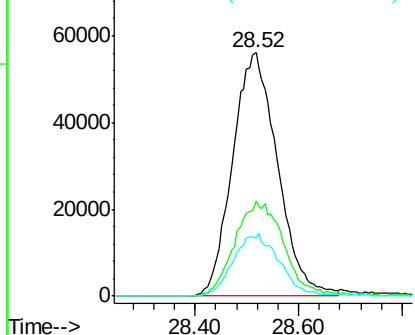


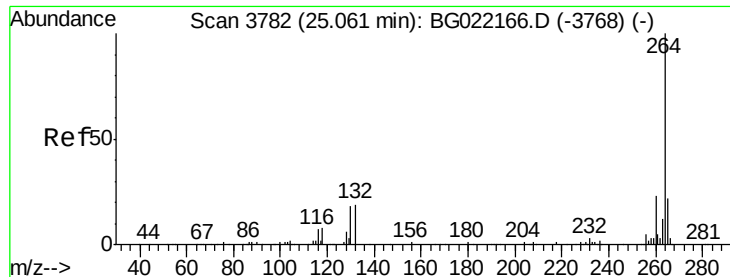
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.50 ng
RT: 28.52 min Scan# 4370
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:276 Resp: 338103
Ion Ratio Lower Upper
276 100
138 41.7 14.0 21.0#
277 25.8 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

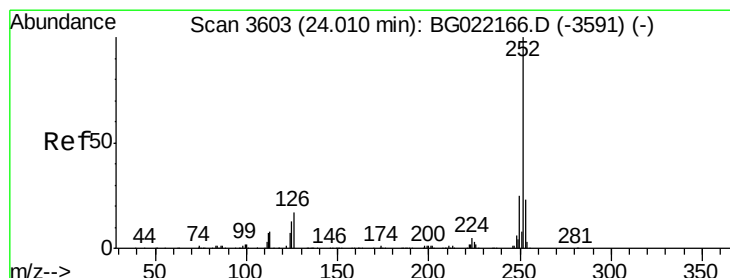
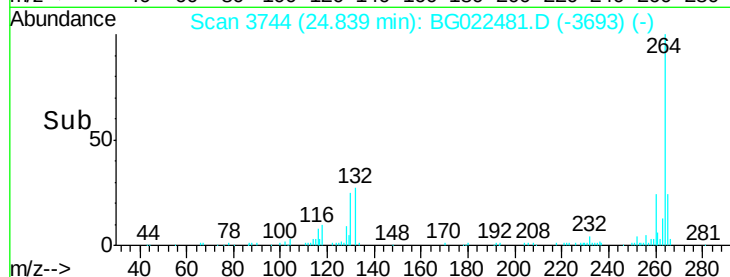
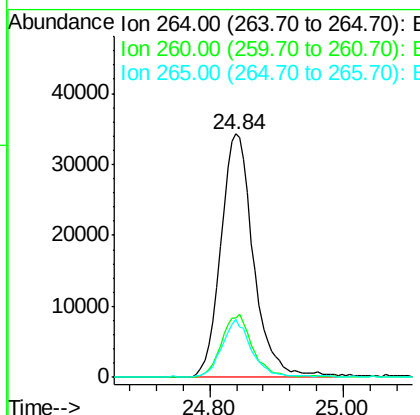
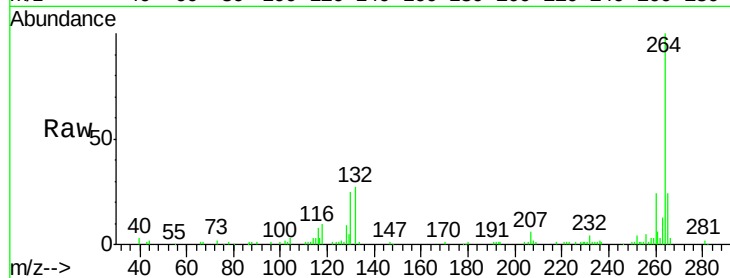




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

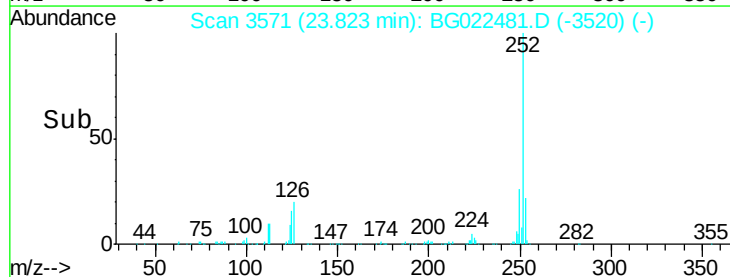
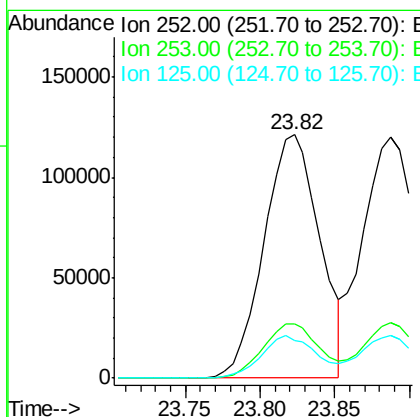
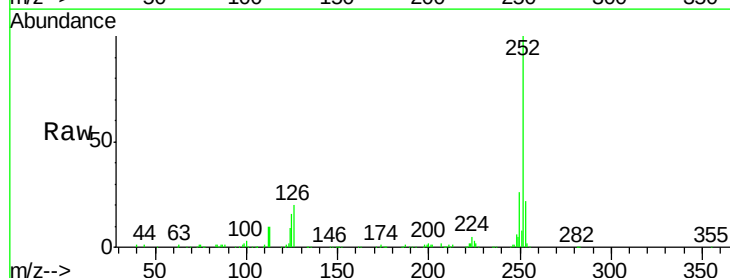
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

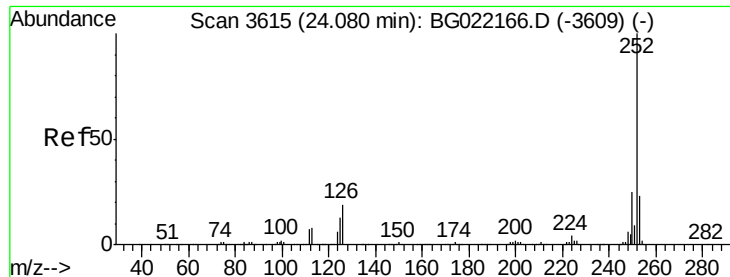
Tot Ion:264 Resp: 117839
Ion Ratio Lower Upper
264 100
260 24.2 20.2 30.4
265 23.7 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 45.86 ng
RT: 23.82 min Scan# 3571
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:252 Resp: 315198
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 15.6 8.6 13.0#

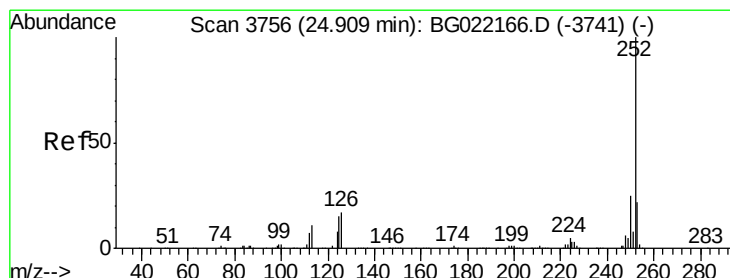
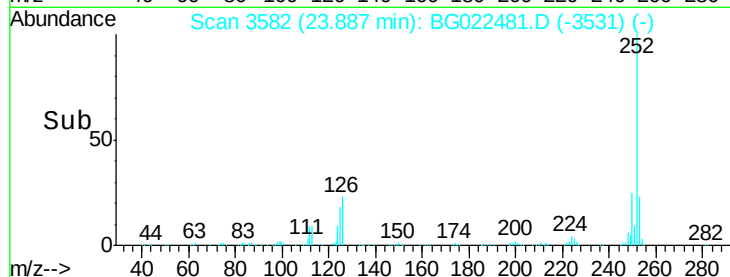
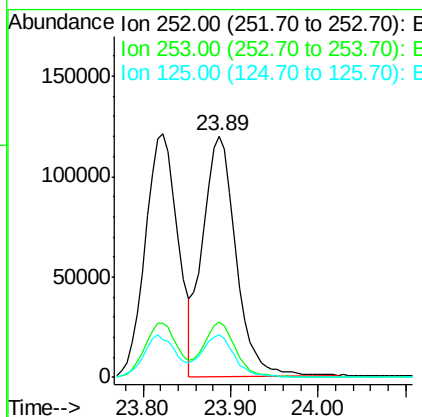
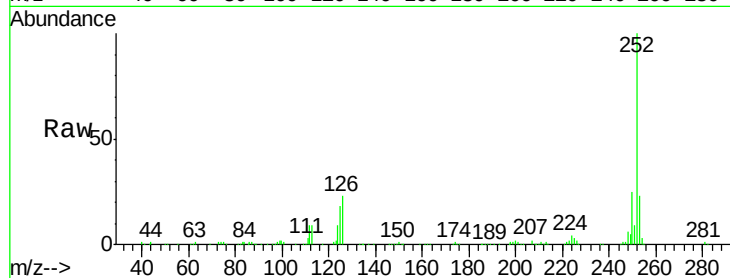




#88
Benzo(k)fluoranthene
Concen: 46.70 ng
RT: 23.89 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

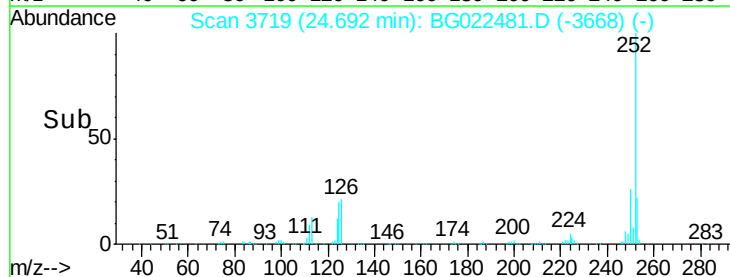
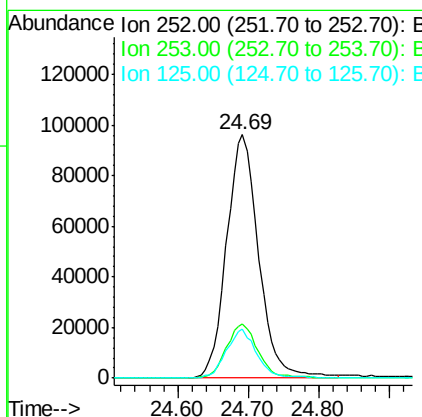
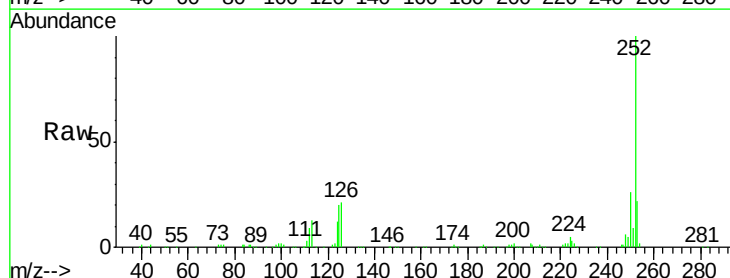
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MSD

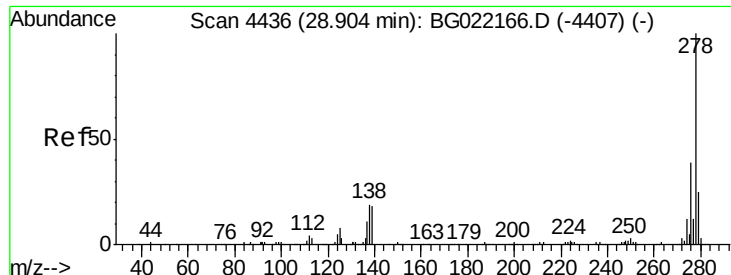
Tot Ion:252 Resp: 315980
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 17.8 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 46.35 ng
RT: 24.69 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:252 Resp: 304605
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 20.2 9.6 14.4#





#90

Dibenzo(a,h)anthracene

Concen: 44.25 ng

RT: 28.56 min Scan# 4377

Delta R.T. -0.00 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MSD

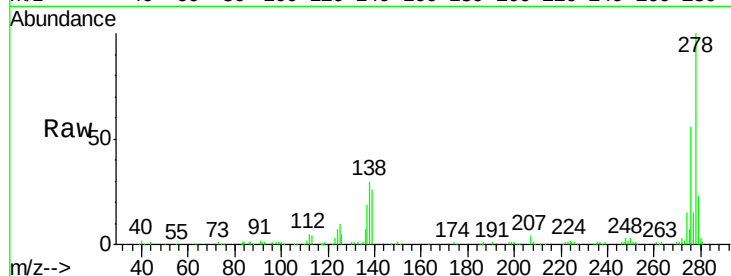
Tot Ion:278 Resp: 273858

Ion Ratio Lower Upper

278 100

139 26.0 11.9 17.9#

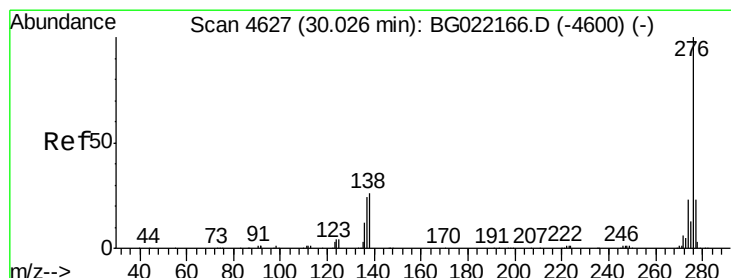
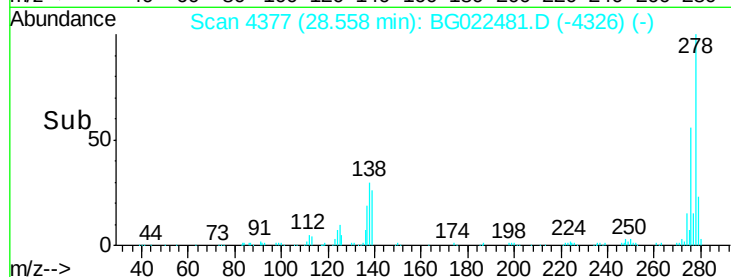
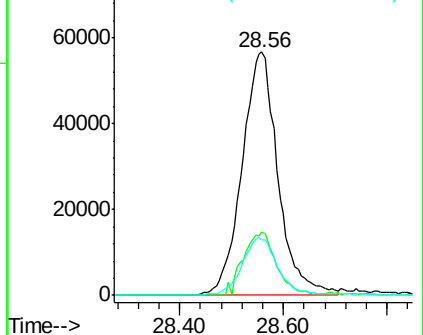
279 22.7 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.16 ng

RT: 29.66 min Scan# 4565

Delta R.T. 0.01 min

Lab File: BG022481.D

Acq: 22 Jun 2016 00:54

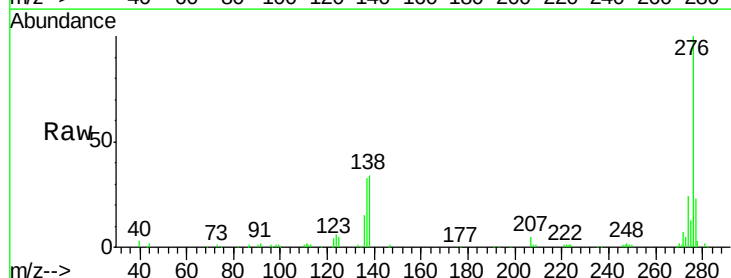
Tgt Ion:276 Resp: 277930

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.2

138 34.3 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

