

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032491.D
 Acq On : 1 Feb 2018 15:49
 Operator : SJ/JU
 Sample : J1014-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MSD

Quant Time: Feb 02 09:18:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26727	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	105172	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	79742	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	215147	20.00	ng	0.00
75) Chrysene-d12	22.41	240	270477	20.00	ng	0.00
86) Perylene-d12	26.09	264	299824	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	176122	132.36	ng	0.00
7) Phenol-d6	7.84	99	209418	117.94	ng	0.00
23) Nitrobenzene-d5	9.91	82	151461	89.95	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	219737	144.76	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	566665	84.46	ng	0.00
78) Terphenyl-d14	20.62	244	1233738	97.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	17084	38.159	ng	# 74
3) Pyridine	4.28	79	36580	30.259	ng	# 85
4) n-Nitrosodimethylamine	4.18	42	29930	47.561	ng	# 59
6) Aniline	8.01	93	36564	16.516	ng	90
8) 2-Chlorophenol	8.27	128	74004	47.049	ng	82
9) Benzaldehyde	7.81	77	23329	25.437	ng	# 82
10) Phenol	7.87	94	68283	40.494	ng	90
11) bis(2-Chloroethyl)ether	8.10	93	53098	41.327	ng	83
12) 1,3-Dichlorobenzene	8.59	146	87550	41.158	ng	93
13) 1,4-Dichlorobenzene	8.75	146	87758	41.162	ng	97
14) 1,2-Dichlorobenzene	9.08	146	85320	40.851	ng	98
15) Benzyl Alcohol	8.95	79	60532	41.363	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	50064	41.121	ng	65
17) 2-Methylphenol	9.16	107	56472	41.234	ng	96
18) Hexachloroethane	9.83	117	30418	42.494	ng	# 82
19) n-Nitroso-di-n-propylamine	9.52	70	47233	40.119	ng	# 91
20) 3+4-Methylphenols	9.49	107	78211	40.713	ng	92
22) Acetophenone	9.55	105	104124	42.235	ng	# 95
24) Nitrobenzene	9.95	77	72364	44.444	ng	# 89
25) Isophorone	10.47	82	136163	47.492	ng	# 83
26) 2-Nitrophenol	10.68	139	45282	46.006	ng	# 81
27) 2,4-Dimethylphenol	10.72	122	75809	53.662	ng	93
28) bis(2-Chloroethoxy)methane	10.96	93	73771	46.922	ng	# 93
29) 2,4-Dichlorophenol	11.23	162	94374	50.428	ng	87
30) 1,2,4-Trichlorobenzene	11.44	180	105382	42.249	ng	95
31) Naphthalene	11.64	128	295429	57.513	ng	99
33) 4-Chloroaniline	11.75	127	16654	7.269	ng	# 83
34) Hexachlorobutadiene	11.91	225	81290	41.888	ng	95
35) Caprolactam	12.49	113	21222	39.502	ng	# 50
36) 4-Chloro-3-methylphenol	12.82	107	90027	50.715	ng	90
37) 2-Methylnaphthalene	13.21	142	198321	45.957	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	151582	40.632	ng	# 97
40) Hexachlorocyclopentadiene	13.54	237	169344	72.652	ng	92
42) 2,4,6-Trichlorophenol	13.79	196	94919	46.777	ng	100

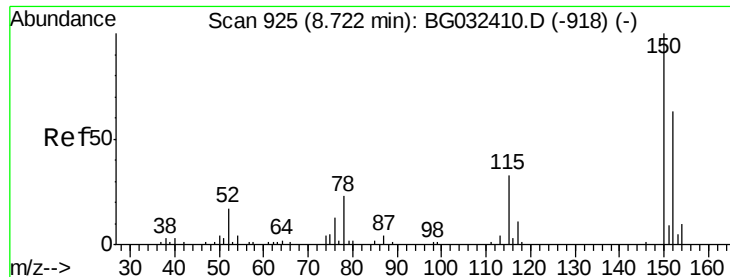
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
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Quant Time: Feb 02 09:18:07 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.87	196	107907	45.617	nq	# 91
45) 1,1'-Biphenyl	14.19	154	283309	42.053	nq	94
46) 2-Chloronaphthalene	14.24	162	224378	42.493	nq	98
47) 2-Nitroaniline	14.43	65	52961	45.355	nq	# 70
48) Acenaphthylene	15.07	152	336501	42.154	nq	97
49) Dimethylphthalate	14.78	163	319901	43.509	nq	# 98
50) 2,6-Dinitrotoluene	14.91	165	70682	45.802	nq	# 78
51) Acenaphthene	15.41	154	222895	40.262	nq	97
52) 3-Nitroaniline	15.25	138	27990	20.765	nq	# 61
53) 2,4-Dinitrophenol	15.44	184	16237	20.095	nq	# 81
54) Dibenzofuran	15.74	168	369770	45.127	nq	99
55) 4-Nitrophenol	15.54	139	69071	68.446	nq	# 75
56) 2,4-Dinitrotoluene	15.69	165	103671	47.182	nq	# 68
57) Fluorene	16.39	166	303816	44.620	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	113209	48.524	nq	# 84
59) Diethylphthalate	16.12	149	318866	44.528	nq	97
60) 4-Chlorophenyl-phenylether	16.36	204	190720	44.419	nq	96
61) 4-Nitroaniline	16.40	138	58932	40.791	nq	# 77
62) Azobenzene	16.66	77	193669	45.255	nq	87
64) 4,6-Dinitro-2-methylphenol	16.45	198	22166	13.791	nq	# 73
65) n-Nitrosodiphenylamine	16.58	169	287583	44.790	nq	98
66) 4-Bromophenyl-phenylether	17.25	248	145063	45.512	nq	97
67) Hexachlorobenzene	17.38	284	152237	43.160	nq	# 89
68) Atrazine	17.50	200	132655	48.128	nq	99
69) Pentachlorophenol	17.72	266	97341	44.053	nq	96
70) Phenanthrene	18.12	178	544817	45.409	nq	99
71) Anthracene	18.22	178	549382	45.986	nq	98
72) Carbazole	18.48	167	483630	45.818	nq	100
73) Di-n-butylphthalate	18.98	149	544795	46.617	nq	99
74) Fluoranthene	20.09	202	723257	45.966	nq	96
76) Benzidine	20.25	184	87899	16.550	nq	97
77) Pyrene	20.44	202	729261	43.959	nq	99
79) Butylbenzylphthalate	21.30	149	248861	47.559	nq	# 76
80) Benzo(a)anthracene	22.39	228	787167	46.944	nq	99
81) 3,3'-Dichlorobenzidine	22.28	252	108780	16.744	nq	# 99
82) Chrysene	22.47	228	734427	45.353	nq	98
83) Bis(2-ethylhexyl)phthalate	22.23	149	352096	47.456	nq	# 98
84) Di-n-octyl phthalate	23.59	149	613332	52.118	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.35	276	992421	48.445	nq	# 84
87) Benzo(b)fluoranthene	24.91	252	831898	45.920	nq	# 95
88) Benzo(k)fluoranthene	24.99	252	831559	46.336	nq	# 96
89) Benzo(a)pyrene	25.91	252	815807	47.236	nq	# 94
90) Dibenzo(a,h)anthracene	30.43	278	835502	47.290	nq	# 94
91) Benzo(g,h,i)perylene	31.69	276	797789	45.492	nq	# 90

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

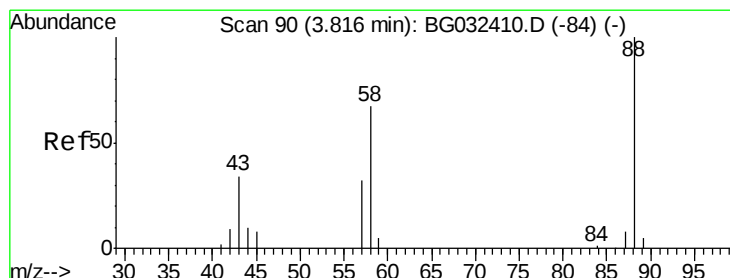
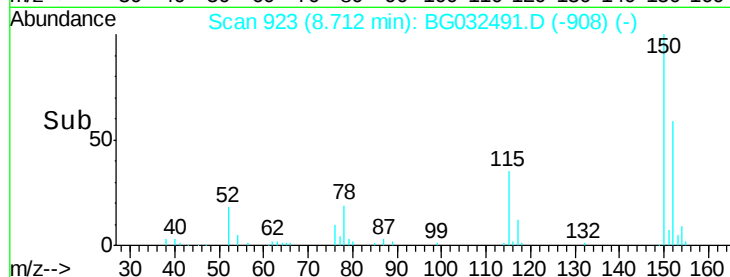
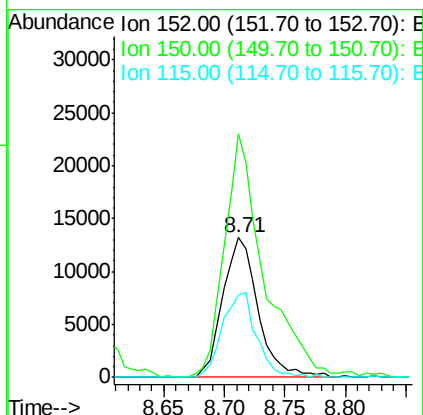
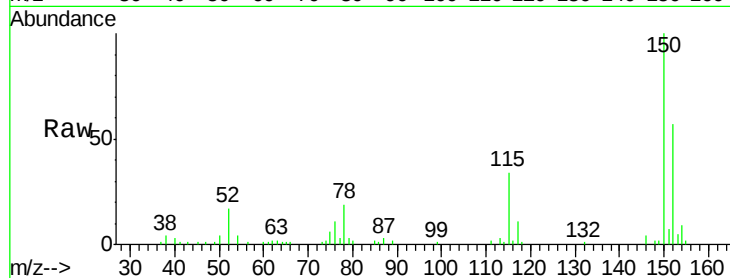


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

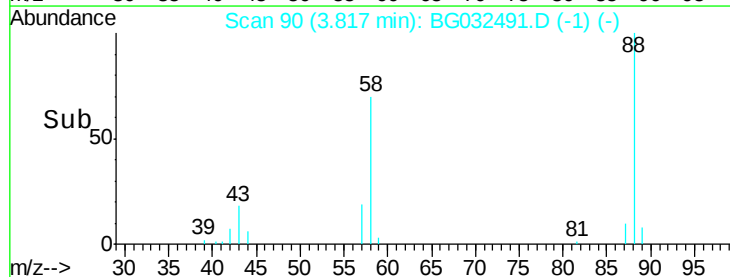
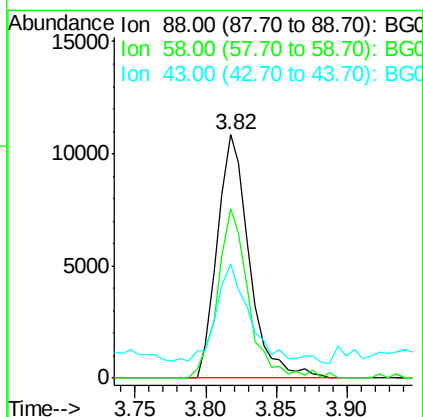
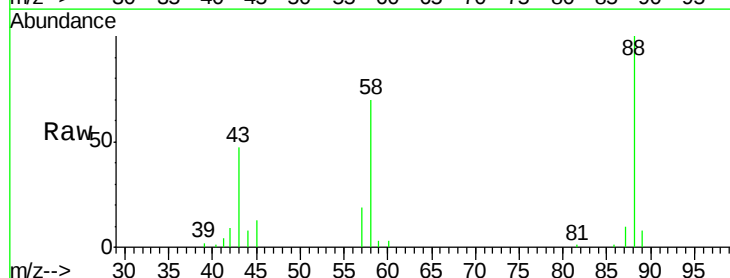
Tot Ion:152 Resp: 26727
Ion Ratio Lower Upper
152 100
150 174.5 126.6 189.8
115 58.9 53.0 79.4

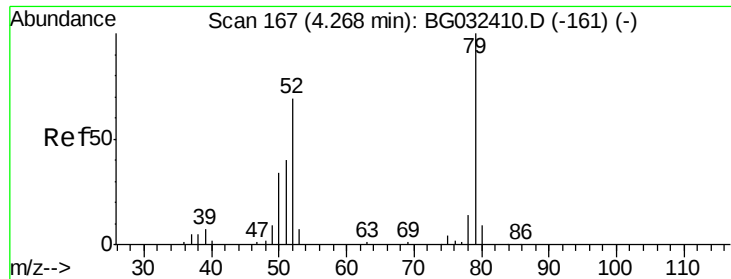


#2

1,4-Dioxane
Concen: 38.159 ng
RT: 3.82 min Scan# 90
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 88 Resp: 17084
Ion Ratio Lower Upper
88 100
58 67.6 79.6 119.4#
43 40.0 27.4 41.0





#3

Pvridine

Concen: 30.259 ng

RT: 4.28 min Scan# 168

Delta R.T. 0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

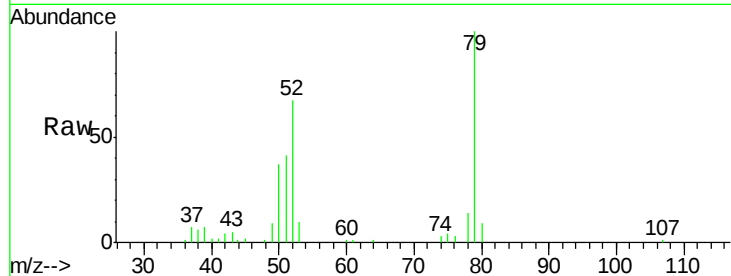
Tot Ion: 79 Resp: 36580

Ion Ratio Lower Upper

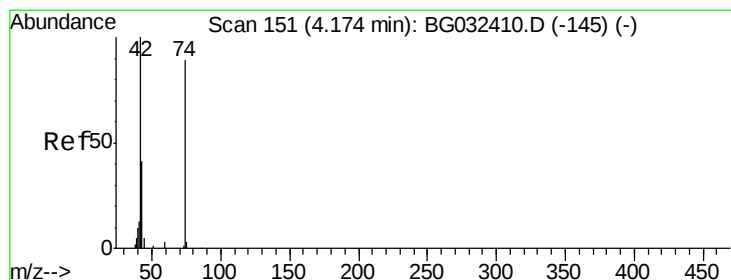
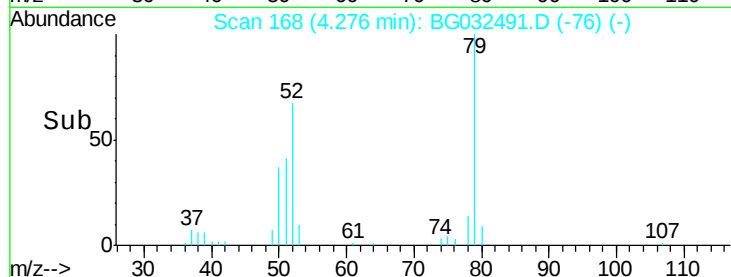
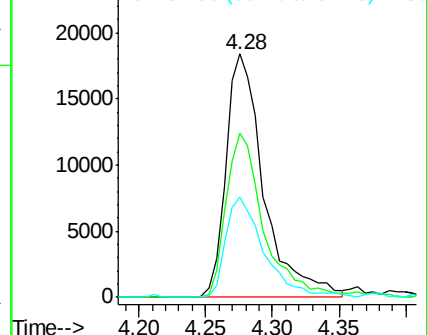
79 100

52 67.5 69.9 104.9#

51 41.1 34.0 51.0



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: 47.561 ng

RT: 4.18 min Scan# 151

Delta R.T. 0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

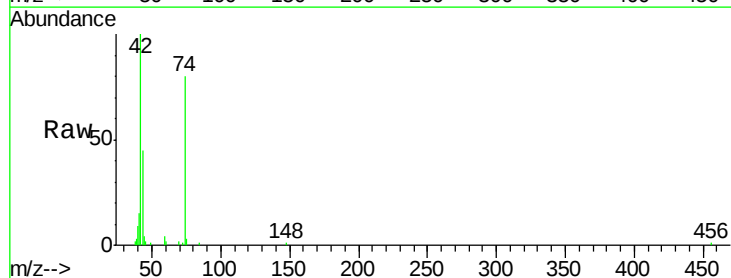
Tgt Ion: 42 Resp: 29930

Ion Ratio Lower Upper

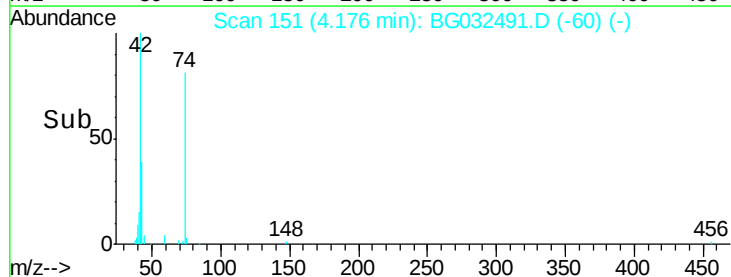
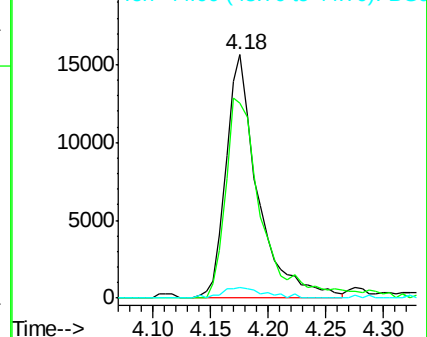
42 100

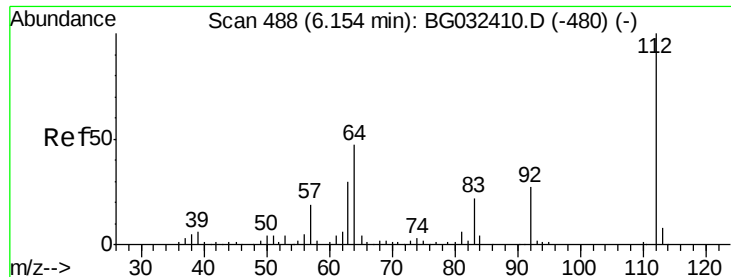
74 80.1 102.5 153.7#

44 4.4 18.9 28.3#



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: 132.357 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

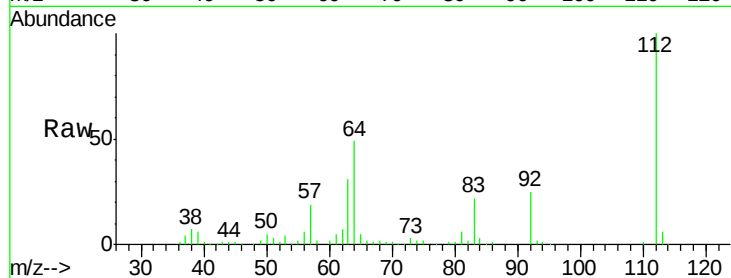
Tot Ion:112 Resp: 176122

Ion Ratio Lower Upper

112 100

64 49.2 56.3 84.5#

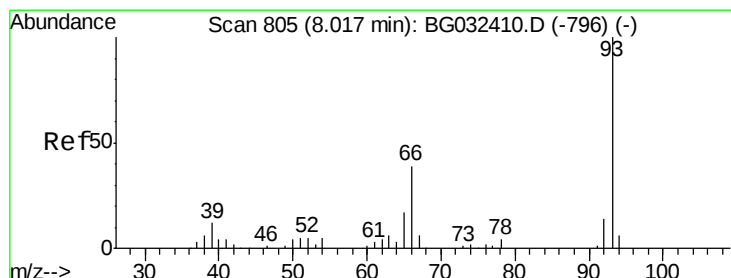
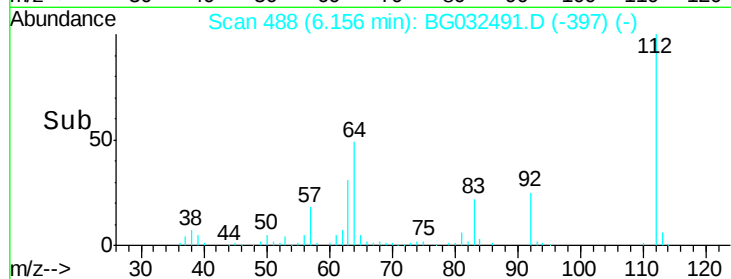
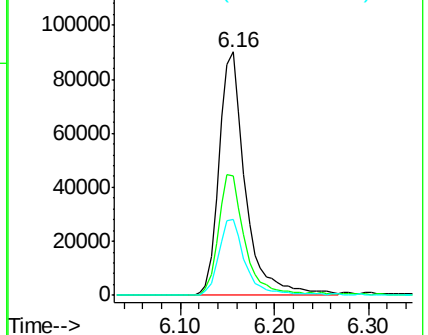
63 31.2 30.1 45.1



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: 16.516 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

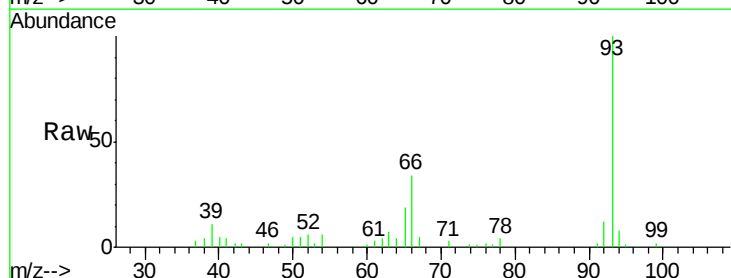
Tgt Ion: 93 Resp: 36564

Ion Ratio Lower Upper

93 100

66 34.0 33.7 50.5

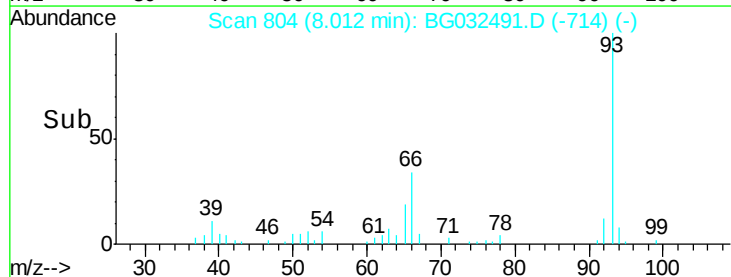
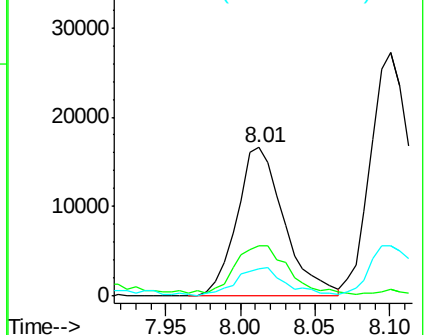
65 18.7 16.1 24.1

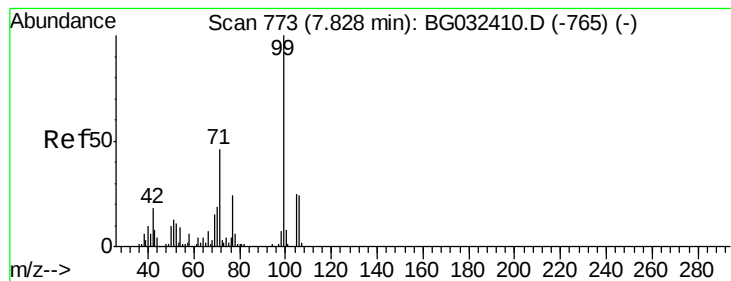


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.939 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

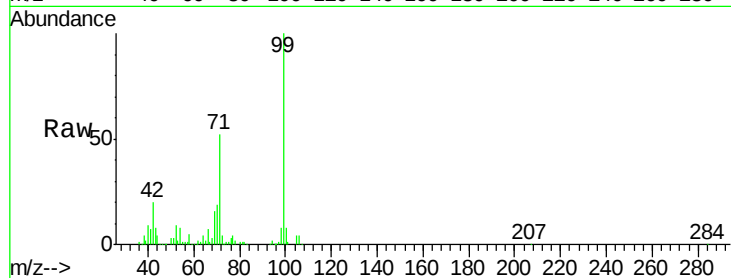
Tot Ion: 99 Resp: 209418

Ion Ratio Lower Upper

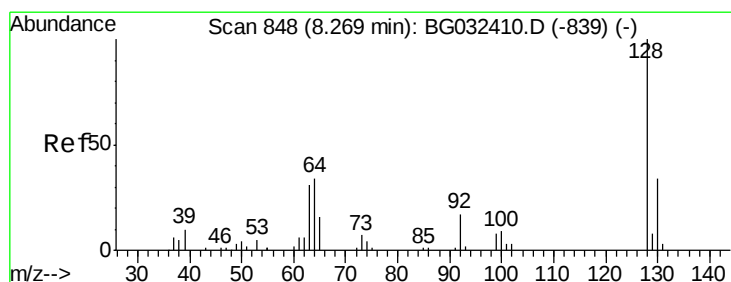
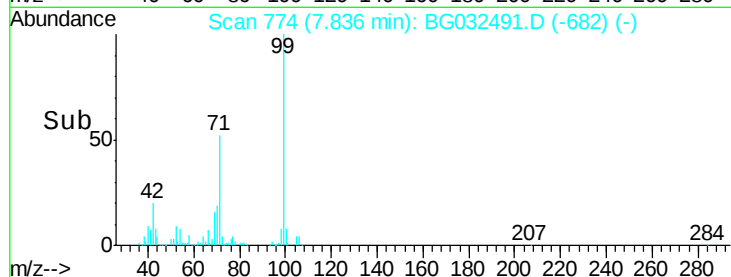
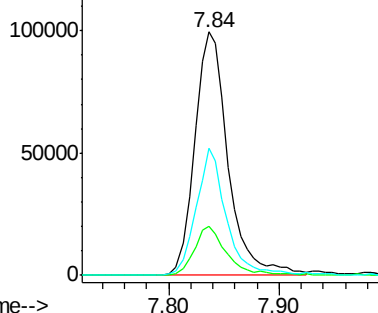
99 100

42 20.2 14.1 21.1

71 52.0 26.1 39.1#



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: 47.049 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

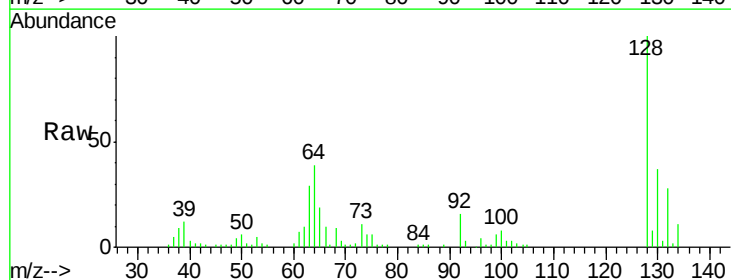
Tgt Ion: 128 Resp: 74004

Ion Ratio Lower Upper

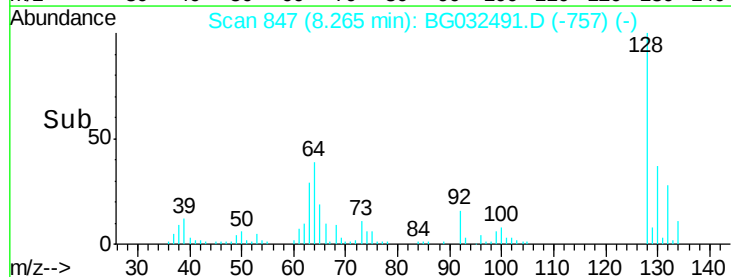
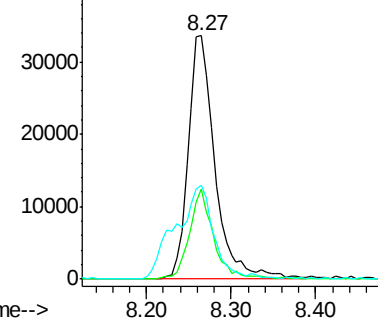
128 100

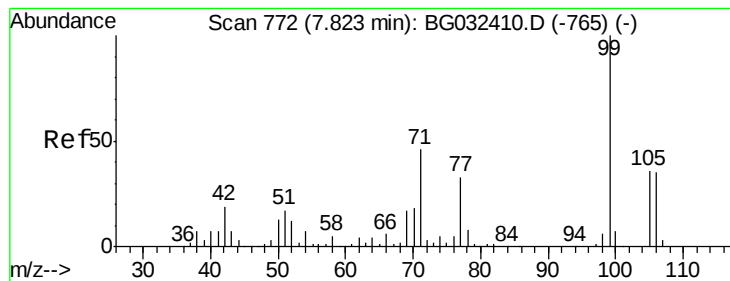
130 37.0 14.0 54.0

64 38.7 37.7 77.7



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





#9

Benzaldehyde

Concen: 25.437 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

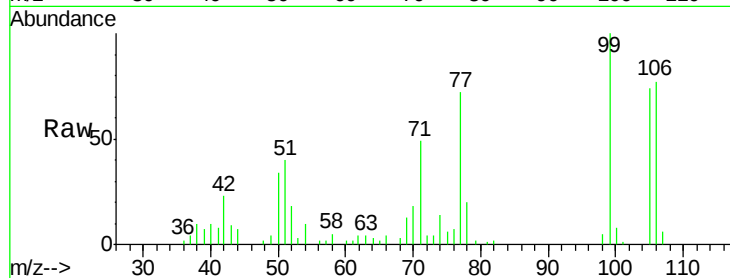
Tot Ion: 77 Resp: 23329

Ion Ratio Lower Upper

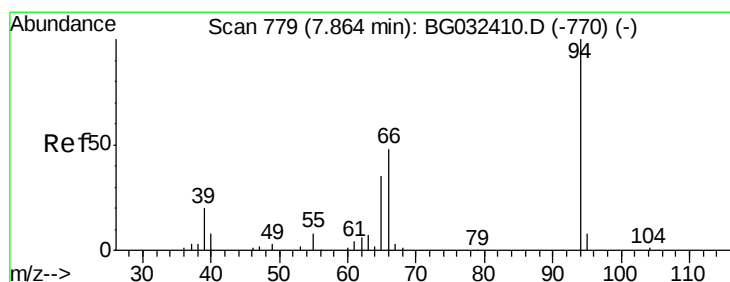
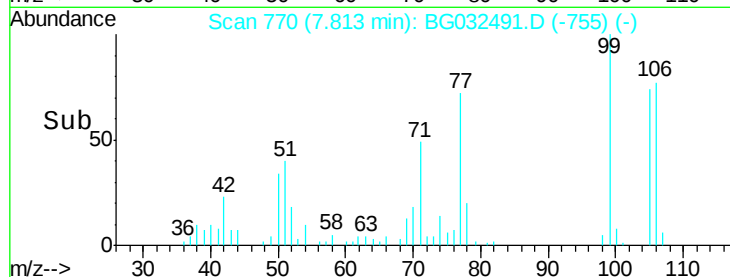
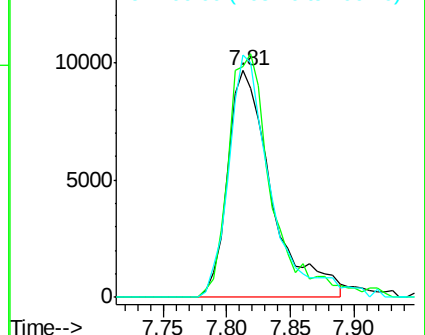
77 100

105 102.2 71.3 111.3

106 107.1 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.494 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

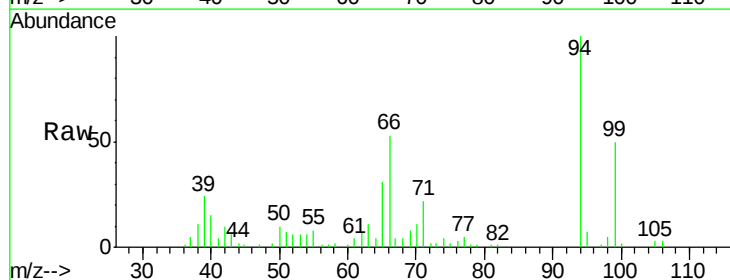
Tgt Ion: 94 Resp: 68283

Ion Ratio Lower Upper

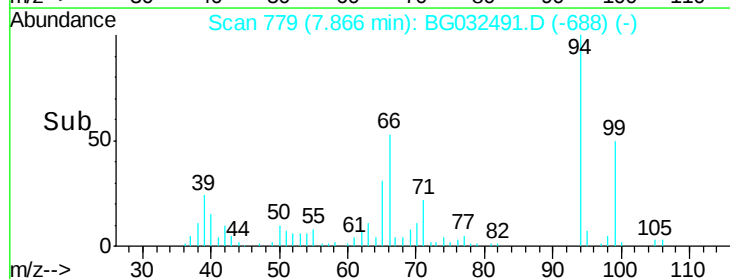
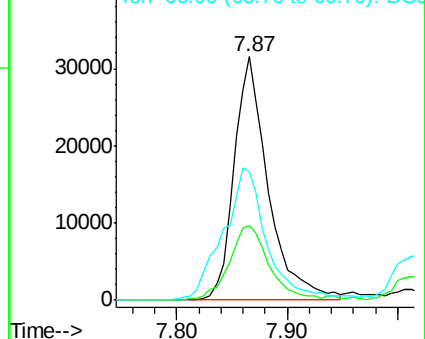
94 100

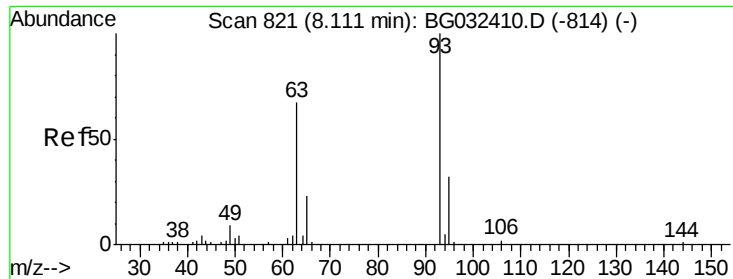
65 30.9 11.9 51.9

66 52.5 22.2 62.2



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: 41.327 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

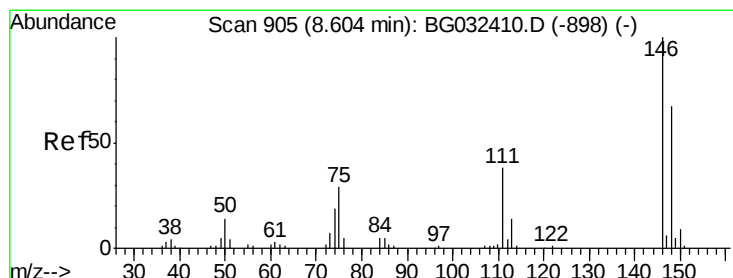
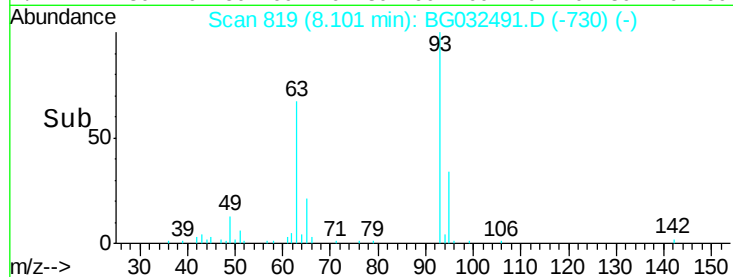
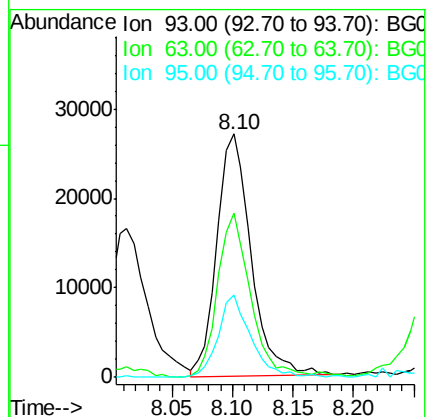
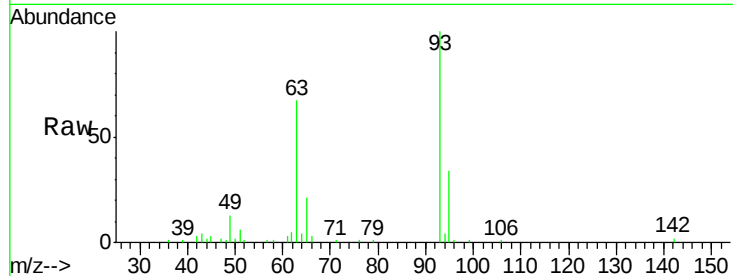
Tot Ion: 93 Resp: 53098

Ion Ratio Lower Upper

93 100

63 67.4 67.1 107.1

95 33.8 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.158 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

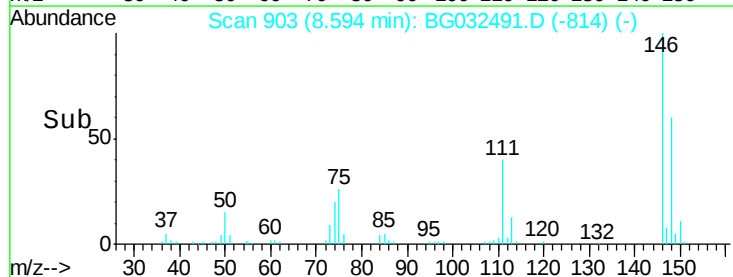
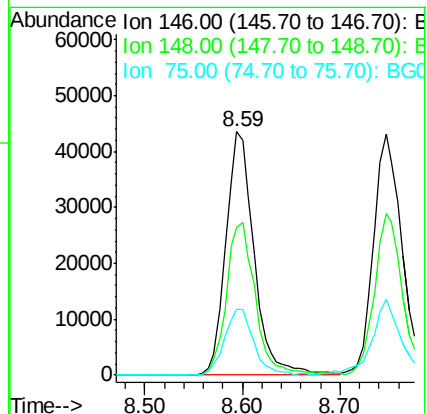
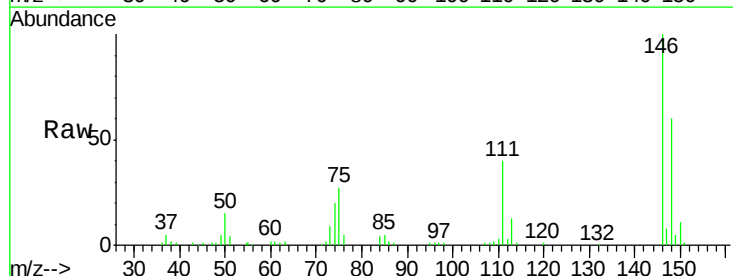
Tgt Ion: 146 Resp: 87550

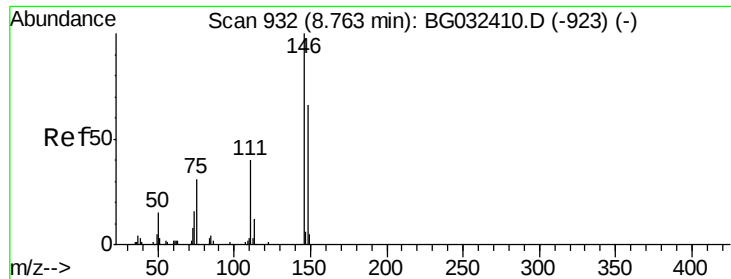
Ion Ratio Lower Upper

146 100

148 60.5 51.4 77.2

75 26.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.162 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

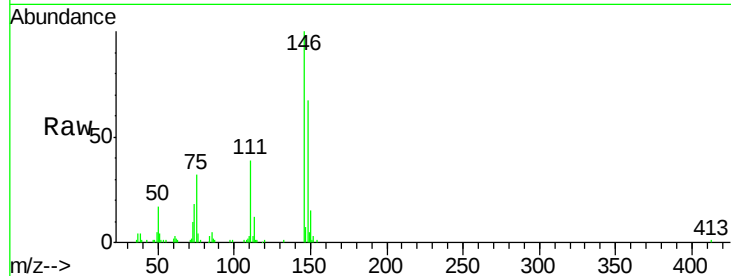
Tot Ion:146 Resp: 87758

Ion Ratio Lower Upper

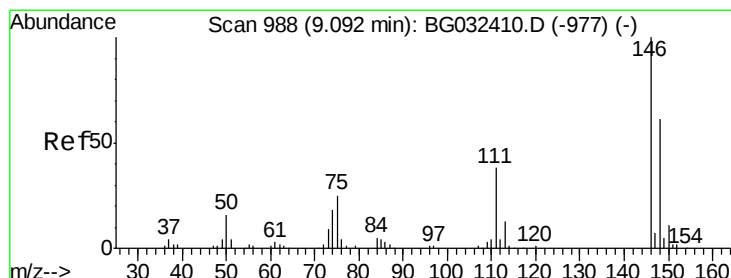
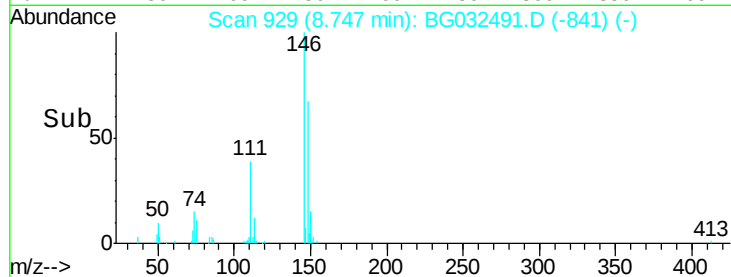
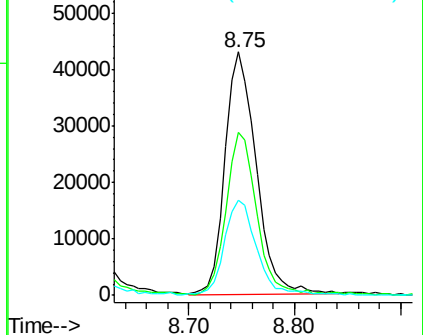
146 100

148 67.0 53.7 80.5

111 38.9 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 40.851 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

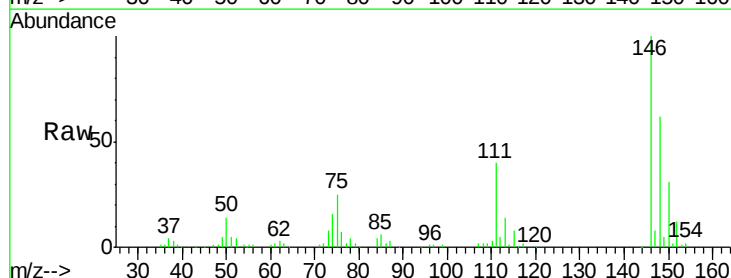
Tgt Ion:146 Resp: 85320

Ion Ratio Lower Upper

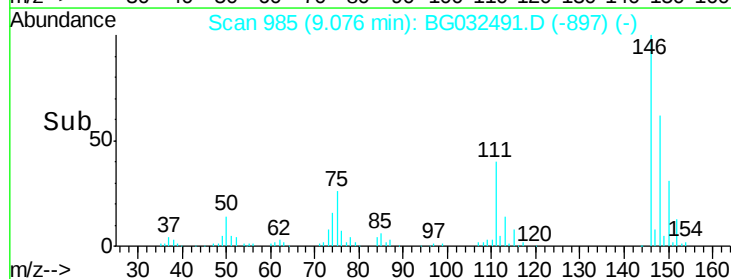
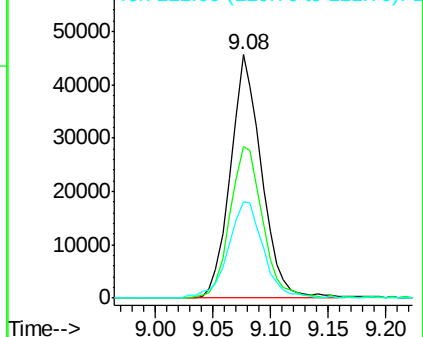
146 100

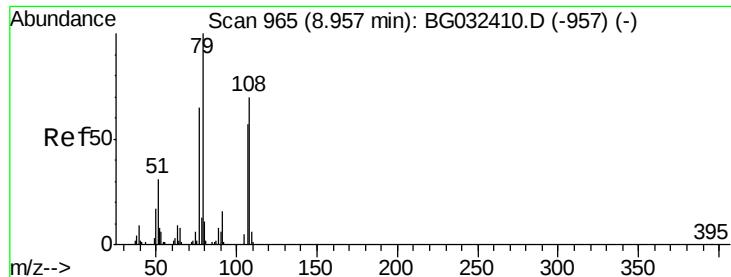
148 62.0 49.3 73.9

111 39.8 34.3 51.5



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: 41.363 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

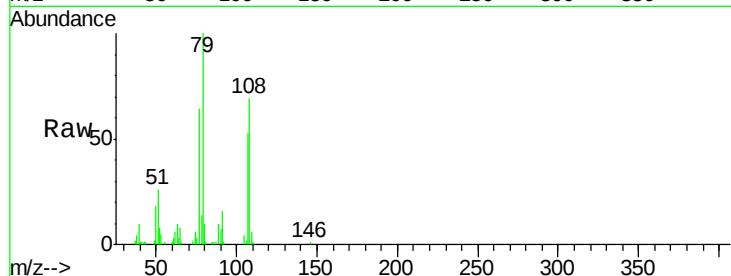
Tot Ion: 79 Resp: 60532

Ion Ratio Lower Upper

79 100

108 69.2 57.2 85.8

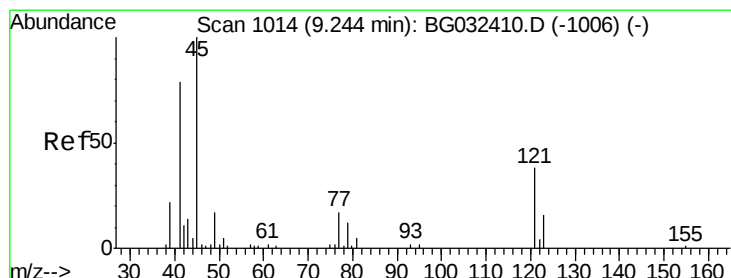
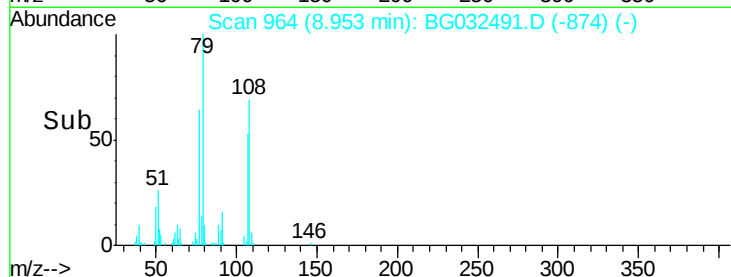
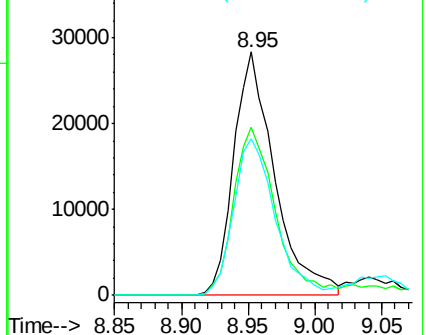
77 64.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.121 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

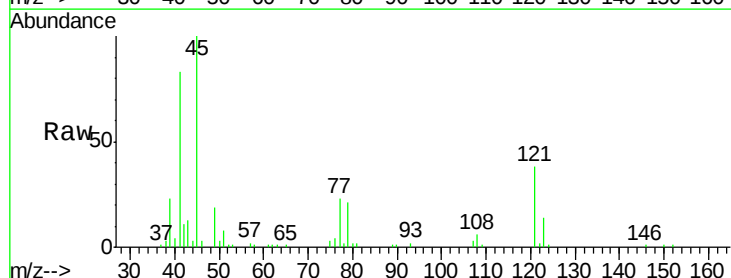
Tgt Ion: 45 Resp: 50064

Ion Ratio Lower Upper

45 100

77 22.6 0.0 30.2

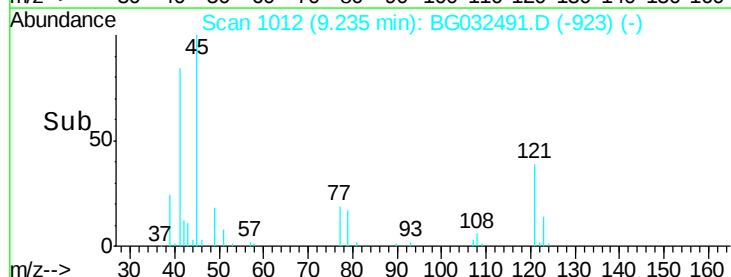
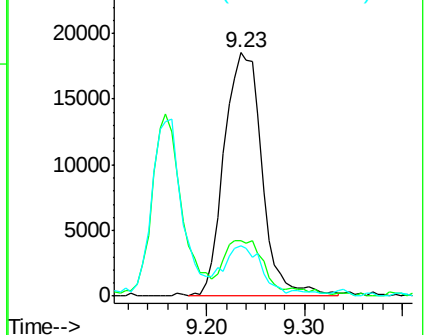
79 20.6 0.0 27.9

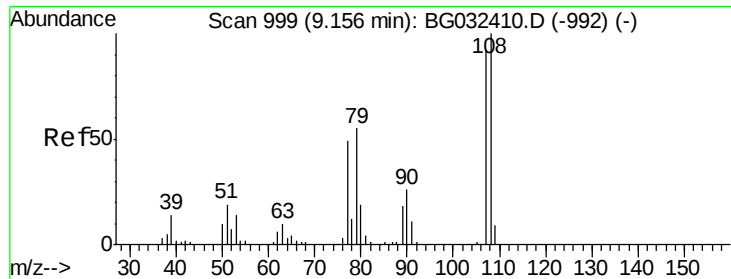


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

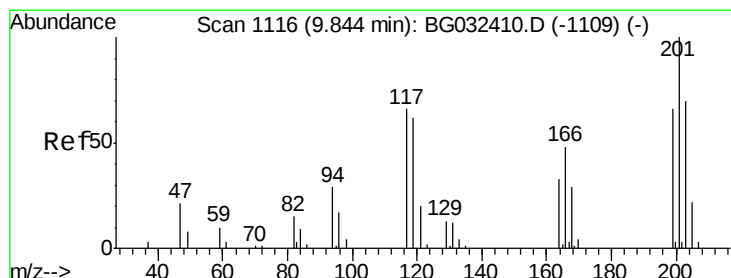
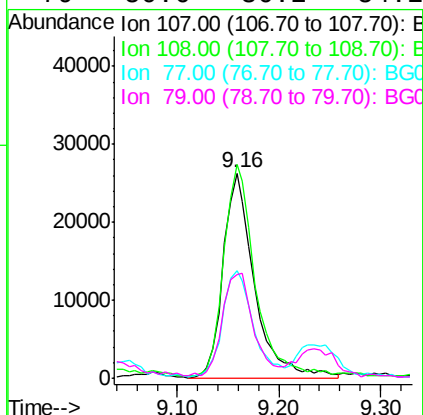
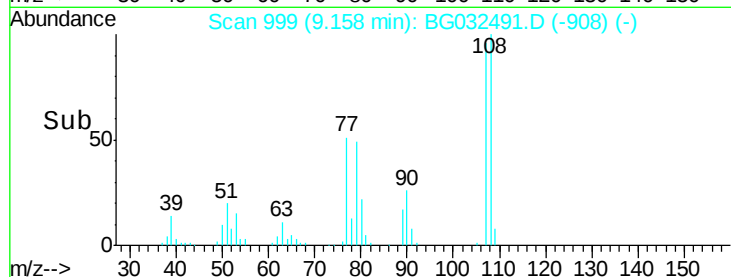
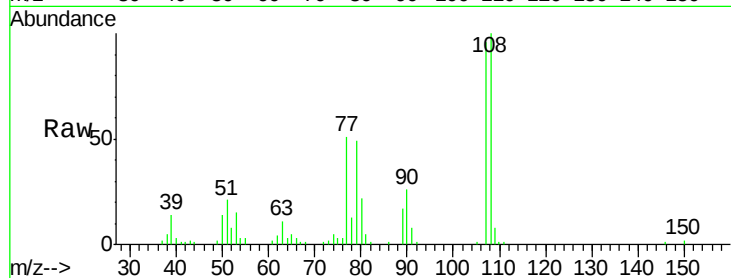




#17
2-Methylphenol
Concen: 41.234 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

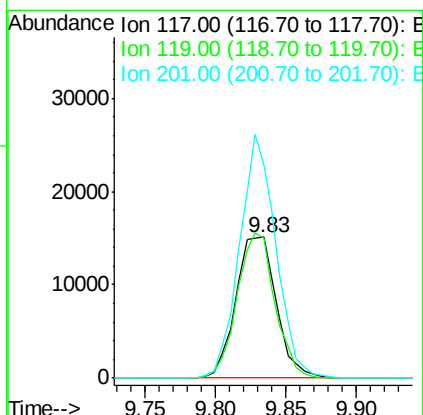
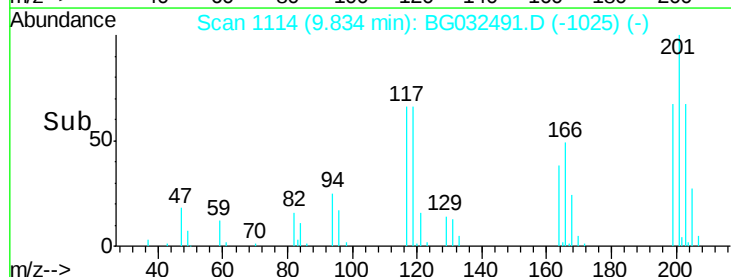
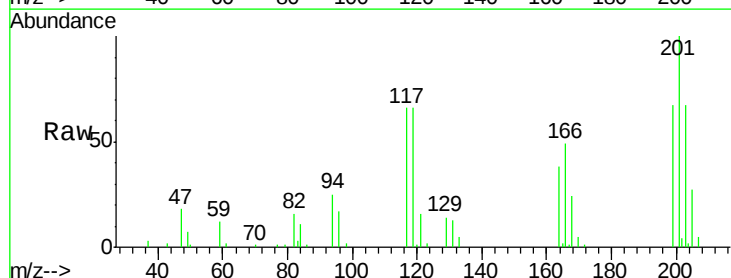
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

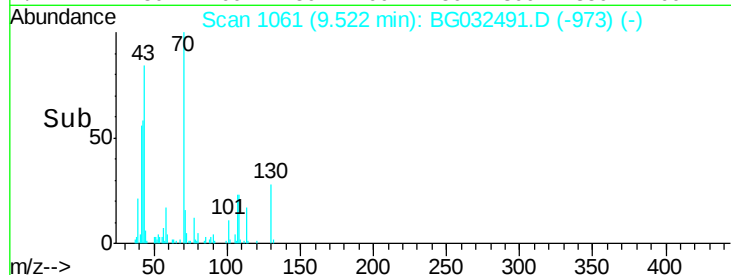
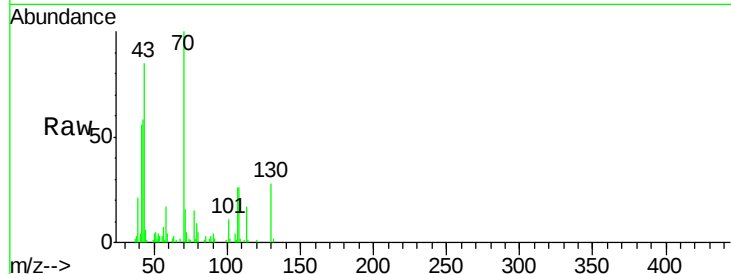
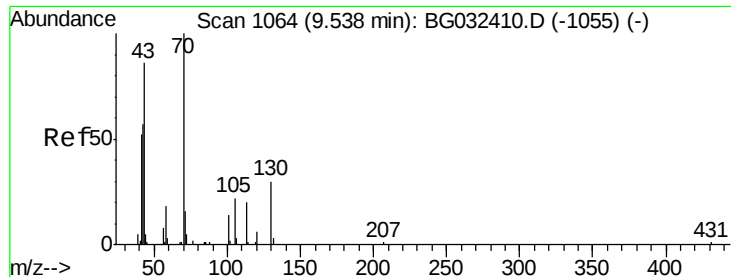
Tot Ion:107 Resp: 56472
Ion Ratio Lower Upper
107 100
108 104.2 83.9 125.9
77 52.7 37.2 55.8
79 50.6 36.2 54.2



#18
Hexachloroethane
Concen: 42.494 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:117 Resp: 30418
Ion Ratio Lower Upper
117 100
119 99.5 76.7 115.1
201 151.5 95.7 143.5#

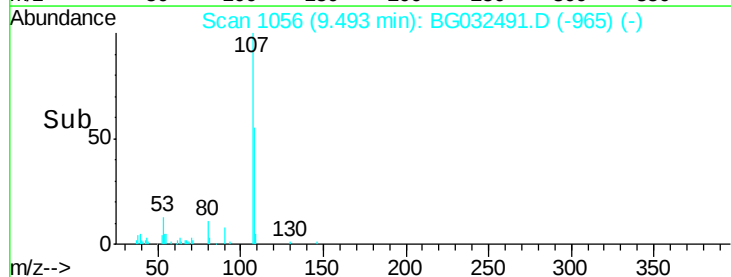
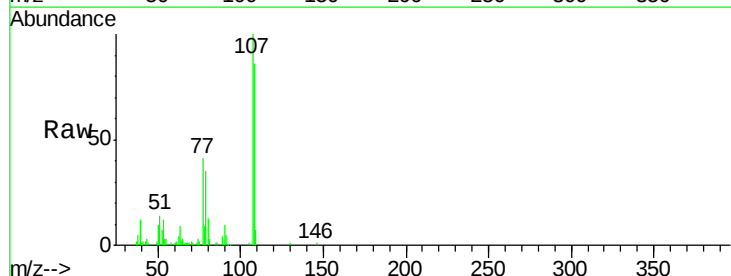
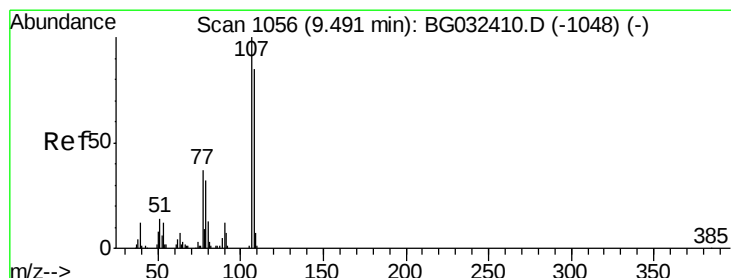
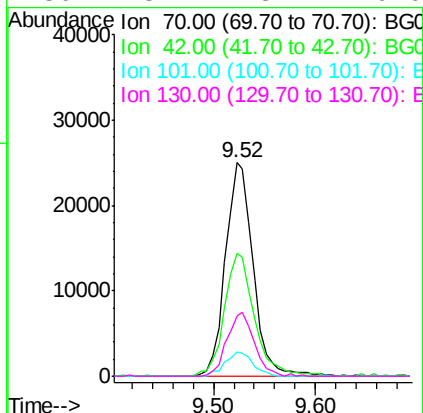




#19
n-Nitroso-di-n-propylamine
Concen: 40.119 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

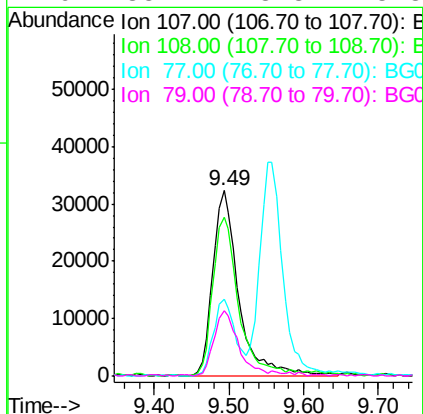
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

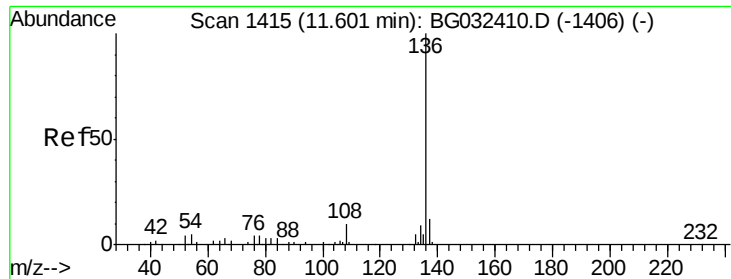
Tot Ion:	70	Resp:	47233
Ion	Ratio	Lower	Upper
70	100		
42	57.8	49.1	73.7
101	11.4	8.5	12.7
130	28.2	13.4	20.0#



#20
3+4-Methylphenols
Concen: 40.713 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:	107	Resp:	78211
Ion	Ratio	Lower	Upper
107	100		
108	85.7	61.6	101.6
77	41.1	13.9	53.9
79	35.2	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

Tot Ion:136 Resp: 105172

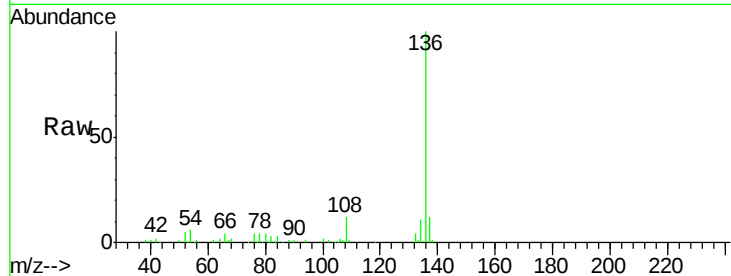
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 6.4 10.3 15.5#

68 1.8 4.5 6.7#

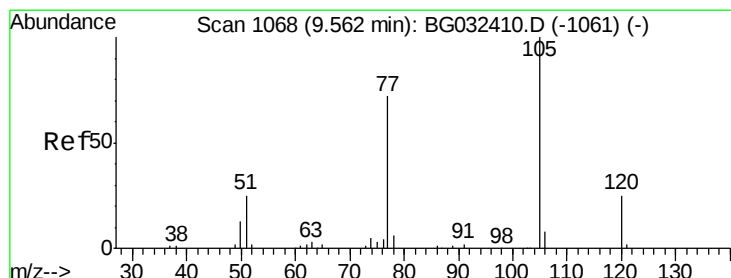
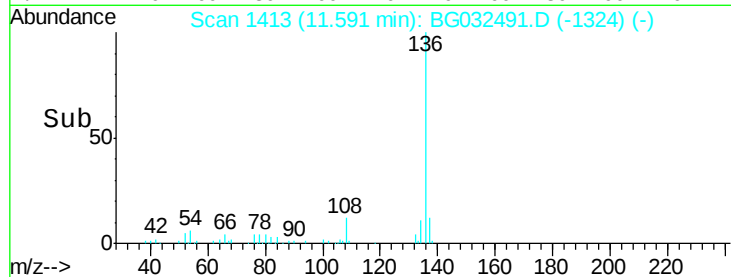
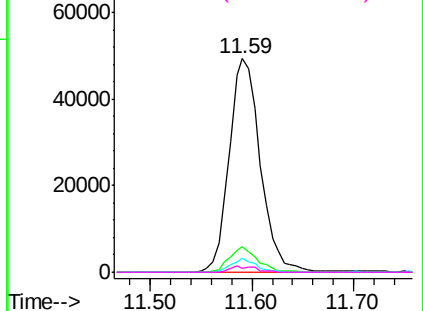


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.235 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Tgt Ion:105 Resp: 104124

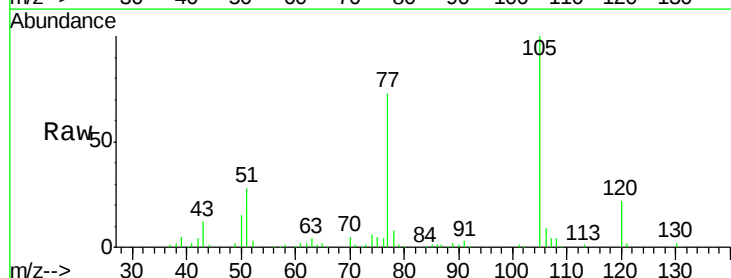
Ion Ratio Lower Upper

105 100

71 1.4 3.0 4.4#

51 28.4 26.1 39.1

120 22.2 17.4 26.2

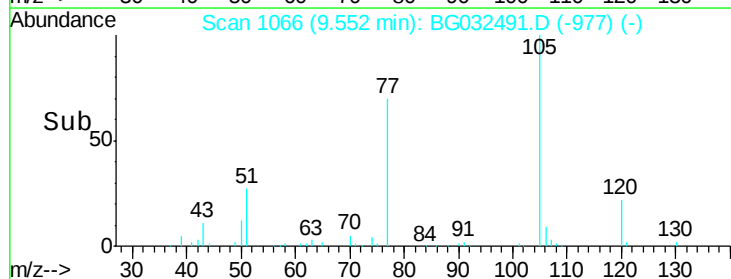
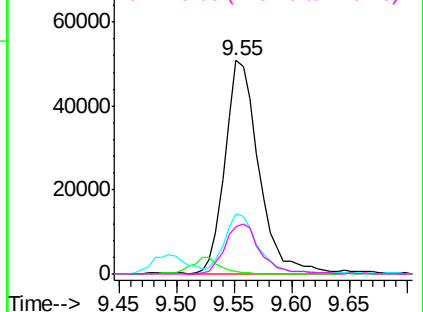


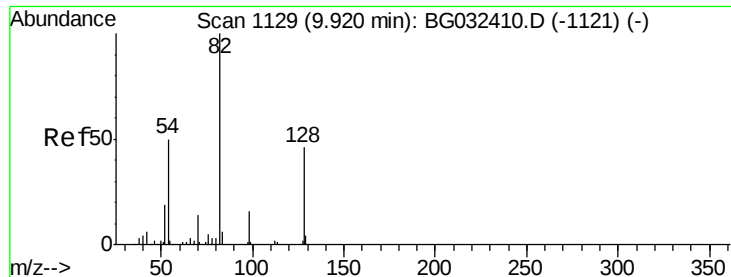
Abundance Ion 105.00 (104.70 to 105.70): E

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

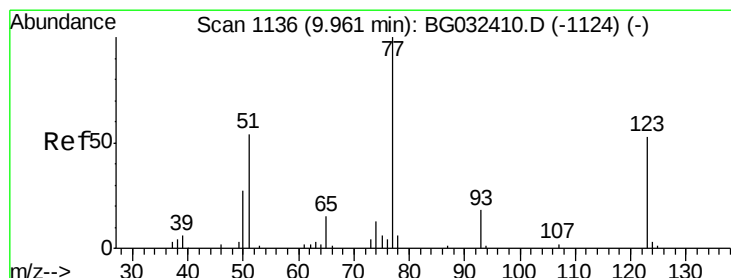
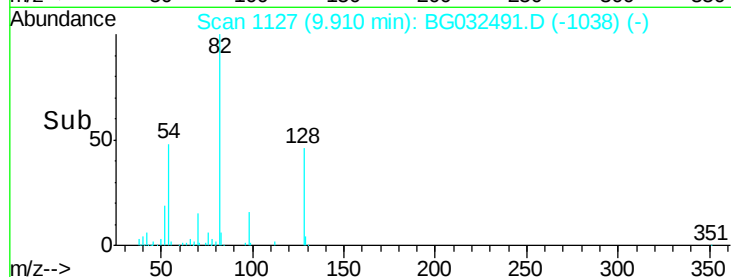
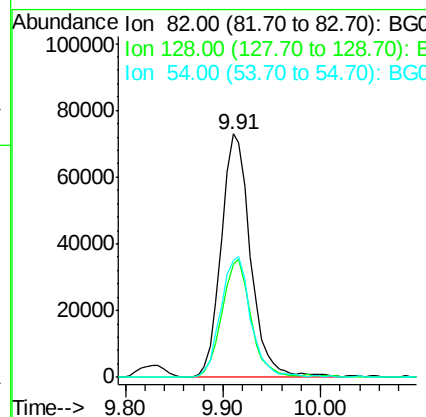
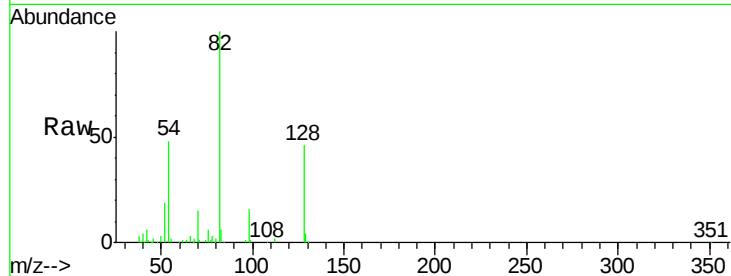




#23
Nitrobenzene-d5
Concen: 89.951 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

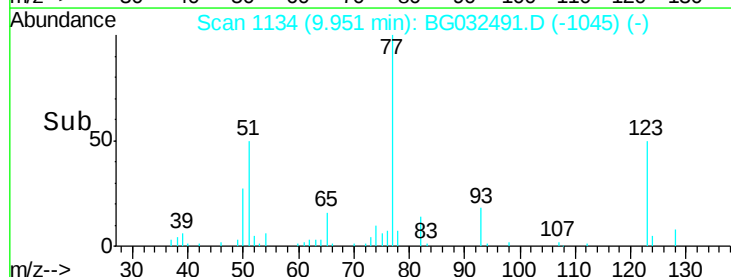
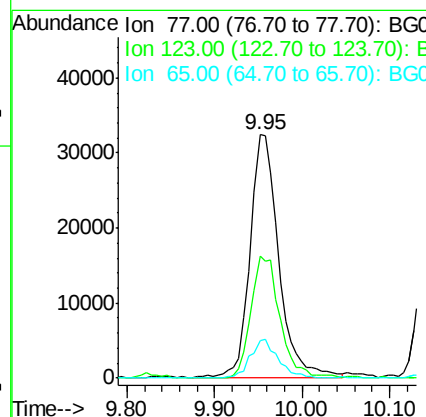
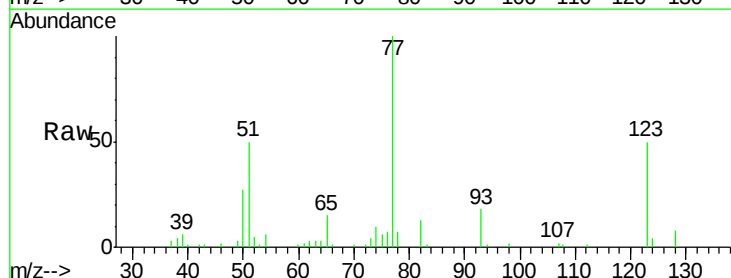
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

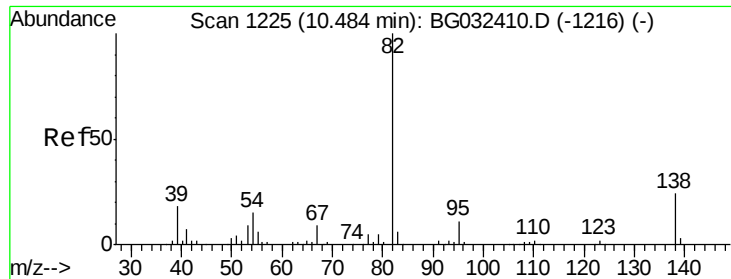
Tot Ion: 82 Resp: 151461
Ion Ratio Lower Upper
82 100
128 46.3 29.7 44.5#
54 48.1 43.1 64.7



#24
Nitrobenzene
Concen: 44.444 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 77 Resp: 72364
Ion Ratio Lower Upper
77 100
123 50.2 33.0 49.6#
65 15.4 13.0 19.6

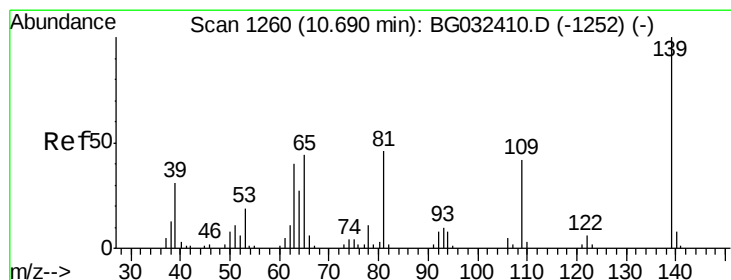
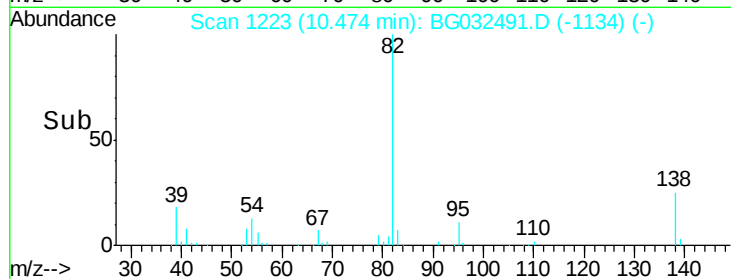
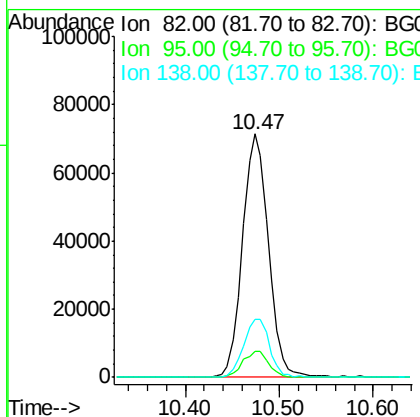
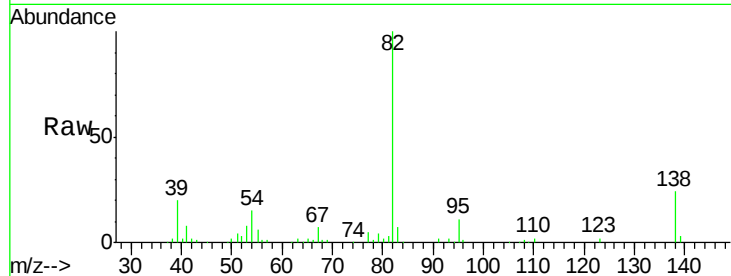




#25
Isophorone
Concen: 47.492 ng
RT: 10.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

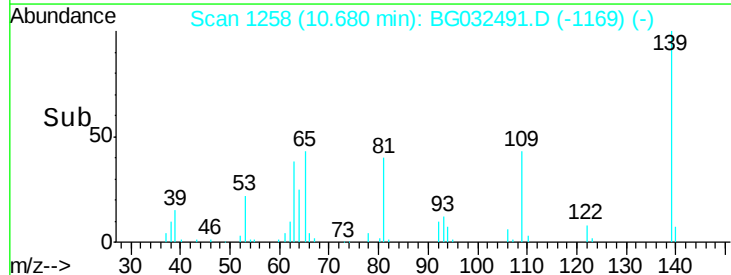
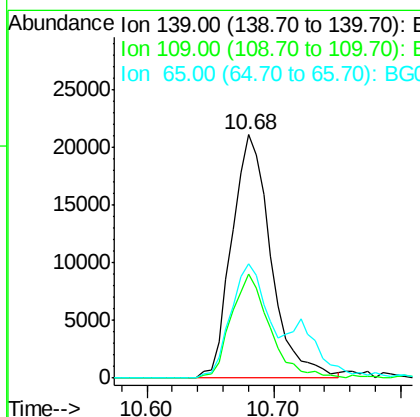
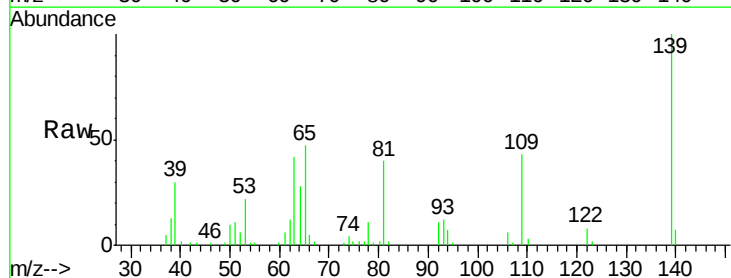
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

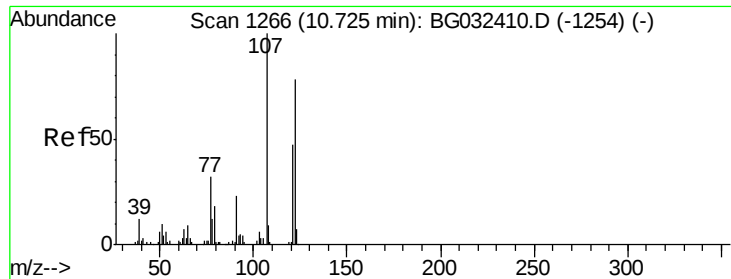
Tot Ion: 82 Resp: 136163
Ion Ratio Lower Upper
82 100
95 10.7 6.2 9.2#
138 23.8 12.1 18.1#



#26
2-Nitrophenol
Concen: 46.006 ng
RT: 10.68 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 139 Resp: 45282
Ion Ratio Lower Upper
139 100
109 42.9 24.2 36.2#
65 46.9 47.4 71.0#

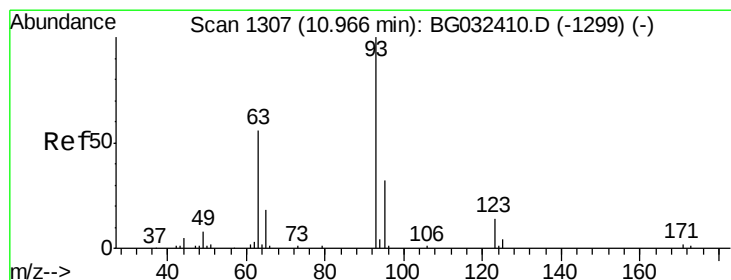
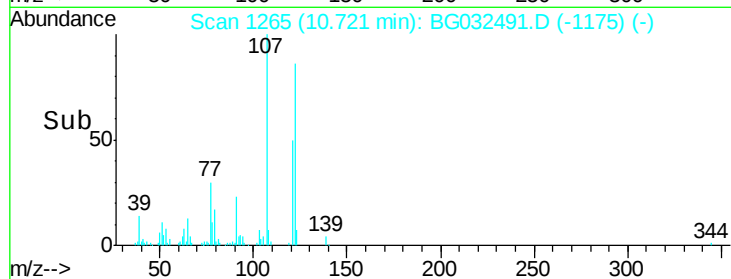
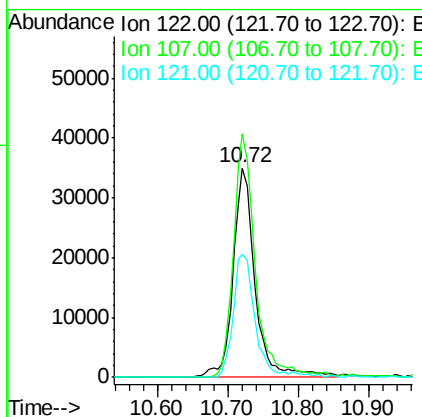
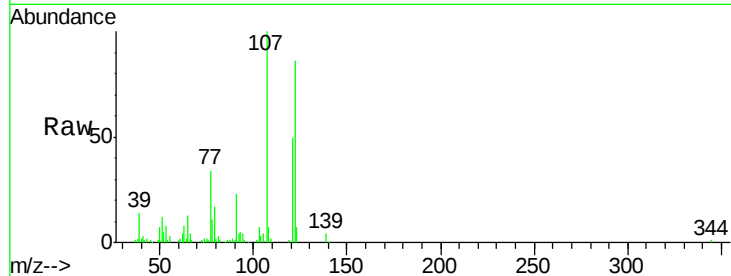




#27
 2,4-Dimethylphenol
 Concen: 53.662 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032491.D
 Acq: 1 Feb 2018 15:49

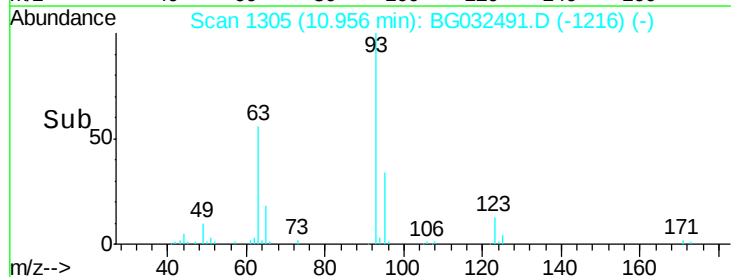
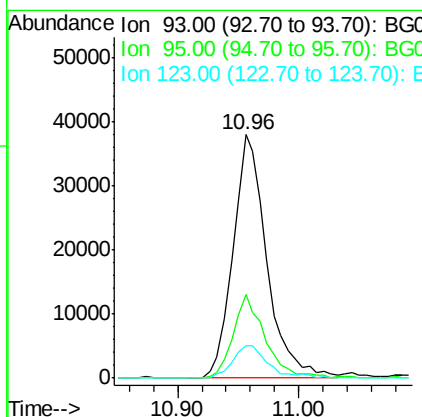
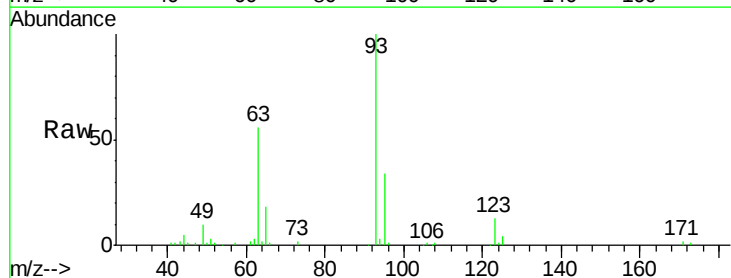
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MSD

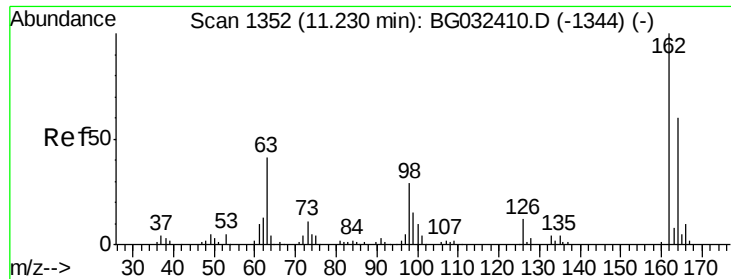
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	100.2	150.2
121	58.7	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.922 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032491.D
 Acq: 1 Feb 2018 15:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	24.3	36.5
123	13.3	8.4	12.6

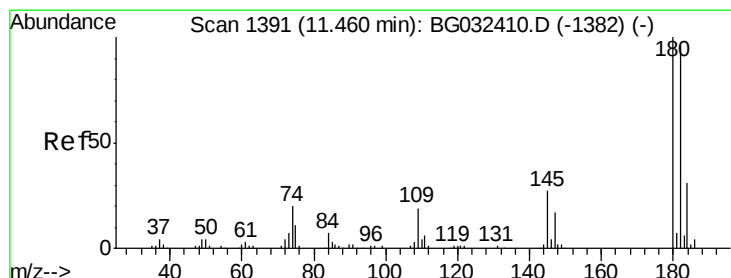
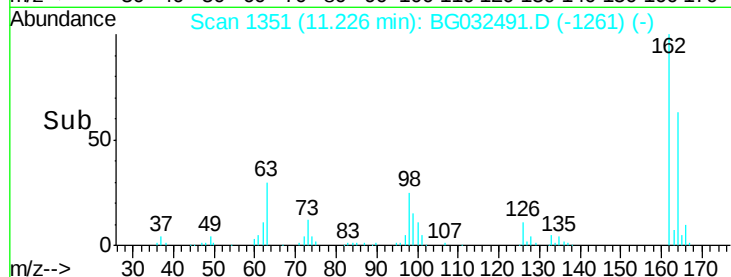
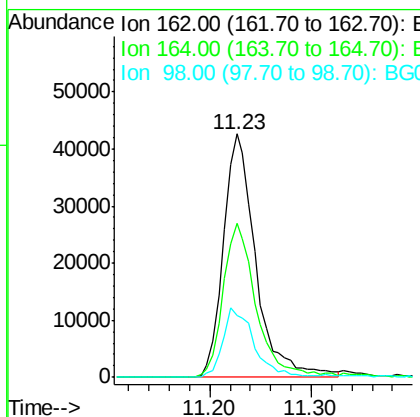
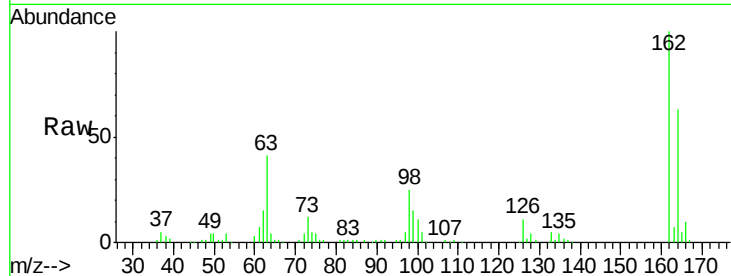




#29
 2,4-Dichlorophenol
 Concen: 50.428 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032491.D
 Acq: 1 Feb 2018 15:49

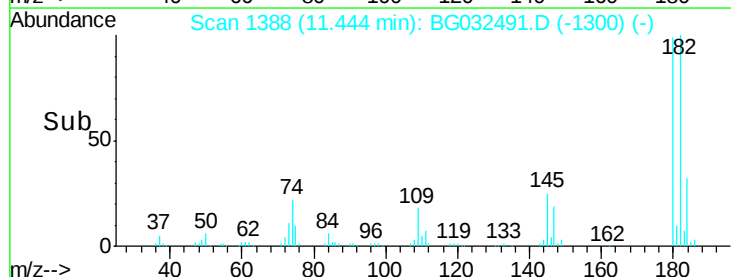
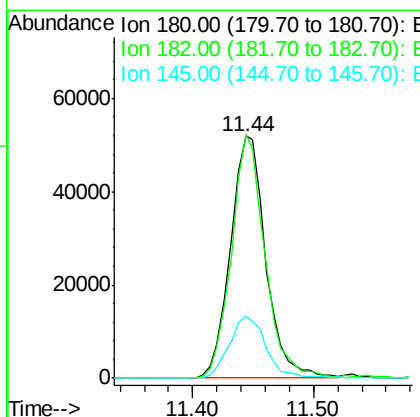
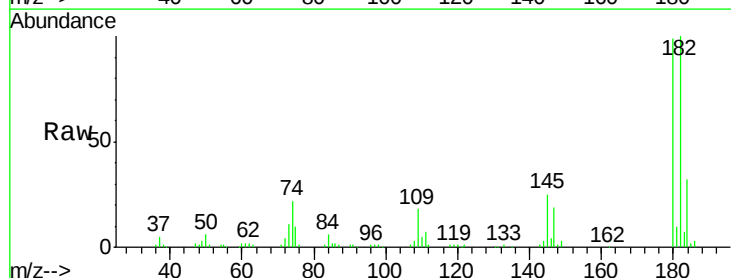
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MSD

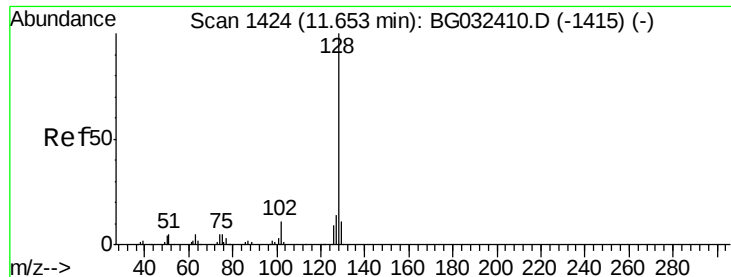
Tot Ion:162 Resp: 94374
 Ion Ratio Lower Upper
 162 100
 164 63.3 48.0 88.0
 98 25.4 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.249 ng
 RT: 11.44 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BG032491.D
 Acq: 1 Feb 2018 15:49

Tgt Ion:180 Resp: 105382
 Ion Ratio Lower Upper
 180 100
 182 100.7 77.5 116.3
 145 25.4 23.4 35.2

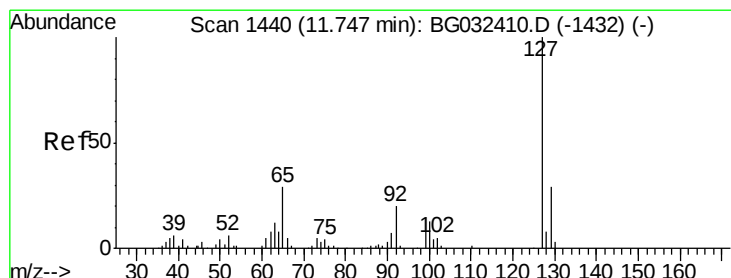
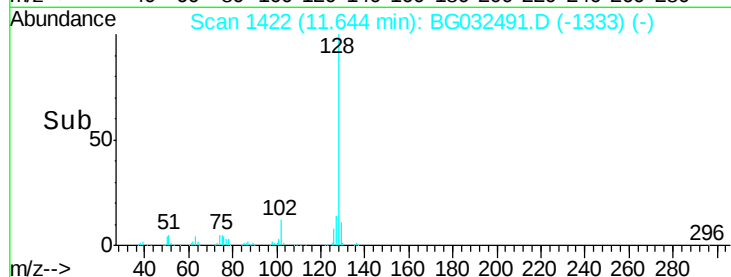
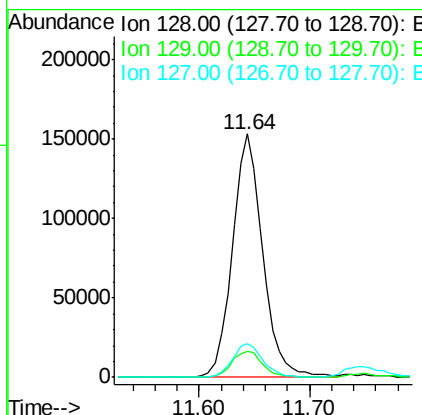
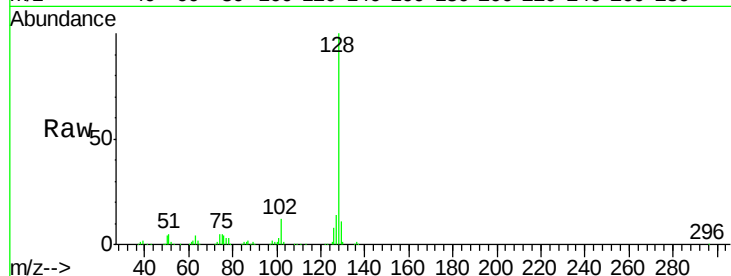




#31
Naphthalene
Concen: 57.513 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

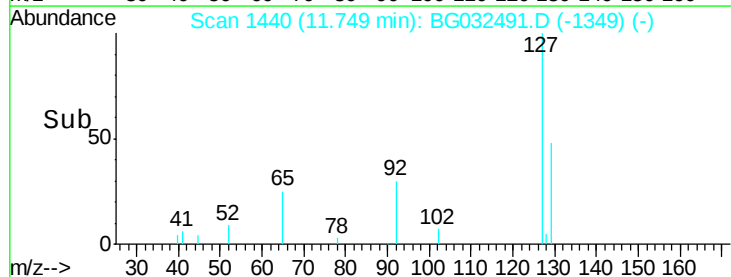
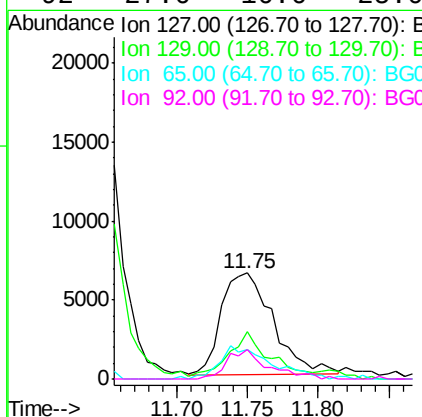
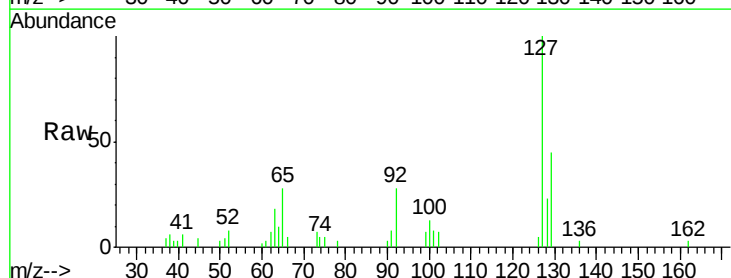
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

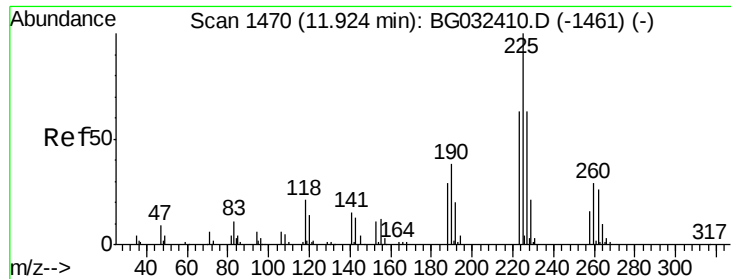
Tot Ion:128 Resp: 295429
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 14.1 11.6 17.4



#33
4-Chloroaniline
Concen: 7.269 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:127 Resp: 16654
Ion Ratio Lower Upper
127 100
129 44.8 24.0 36.0#
65 28.0 27.0 40.4
92 27.6 16.6 25.0#





#34

Hexachlorobutadiene

Concen: 41.888 ng

RT: 11.91 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

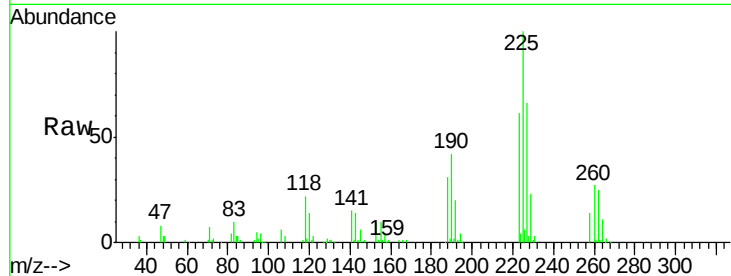
Tot Ion:225 Resp: 81290

Ion Ratio Lower Upper

225 100

223 60.9 49.7 74.5

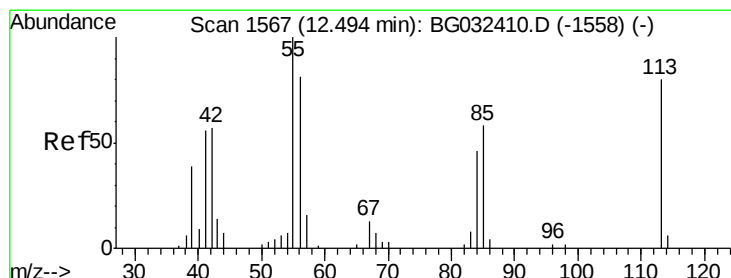
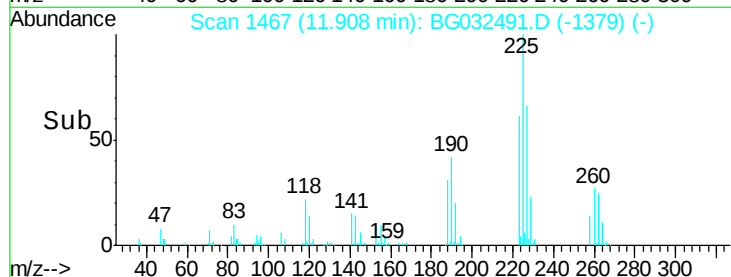
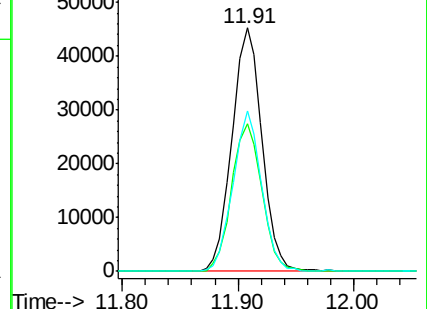
227 65.9 48.1 72.1



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: 39.502 ng

RT: 12.49 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

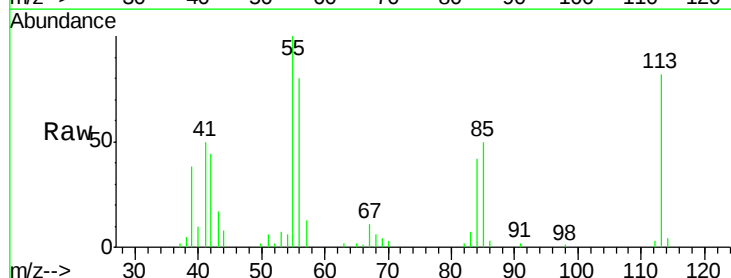
Tgt Ion:113 Resp: 21222

Ion Ratio Lower Upper

113 100

55 121.6 186.9 226.9#

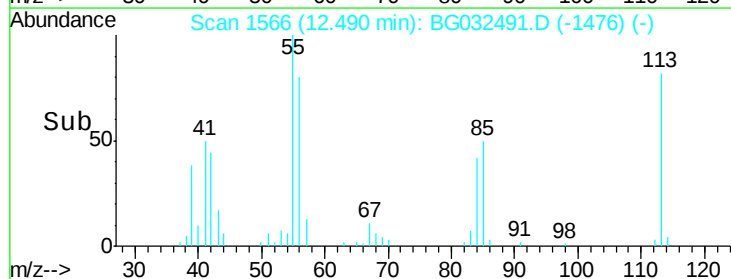
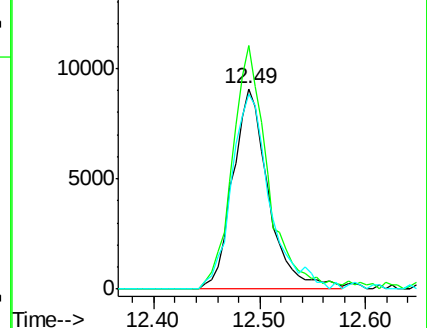
56 97.5 130.9 170.9#

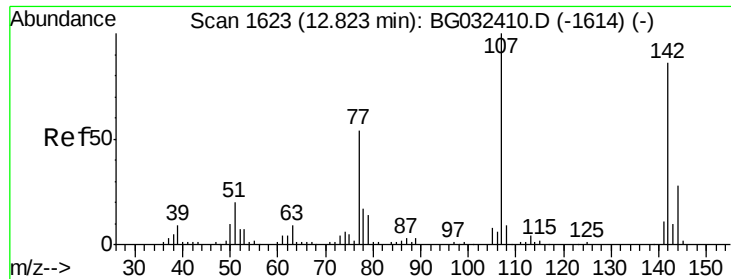


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

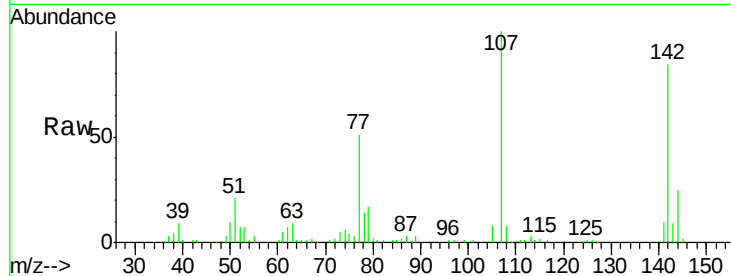




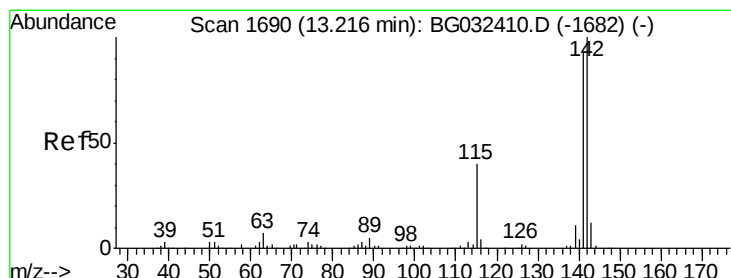
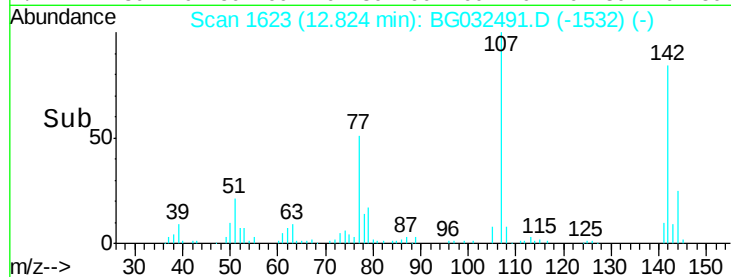
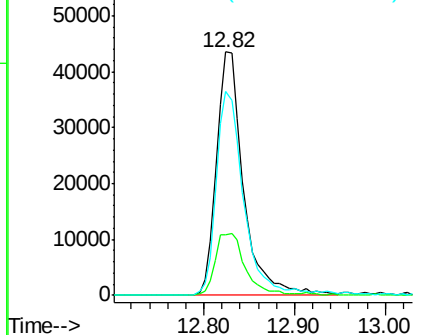
#36
 4-Chloro-3-methylphenol
 Concen: 50.715 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG032491.D
 Acq: 1 Feb 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MSD

Tot Ion:107 Resp: 90027
 Ion Ratio Lower Upper
 107 100
 144 24.8 18.2 27.4
 142 83.9 59.0 88.4

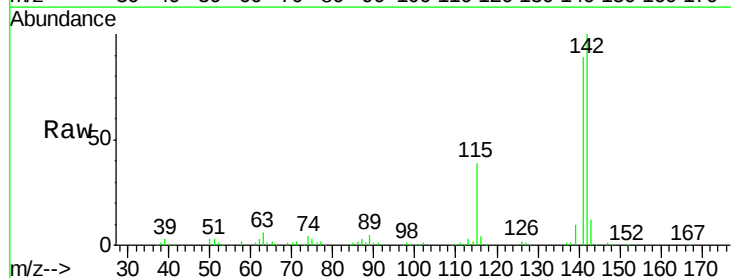


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

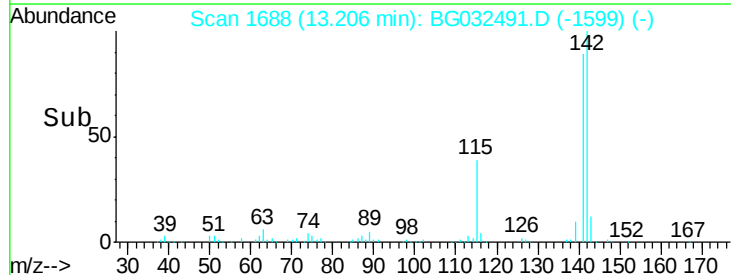
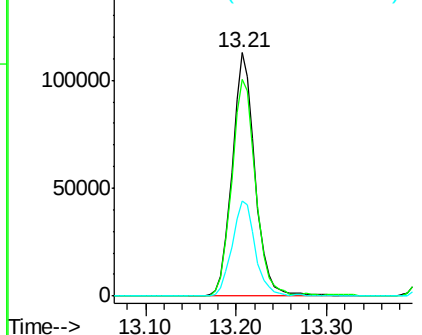


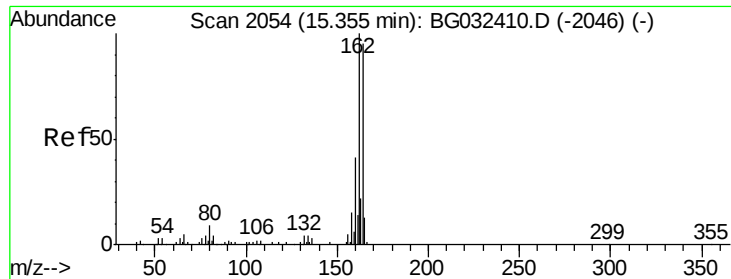
#37
 2-Methylnaphthalene
 Concen: 45.957 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG032491.D
 Acq: 1 Feb 2018 15:49

Tgt Ion:142 Resp: 198321
 Ion Ratio Lower Upper
 142 100
 141 88.9 67.1 100.7
 115 39.1 30.7 46.1



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: 20.000 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

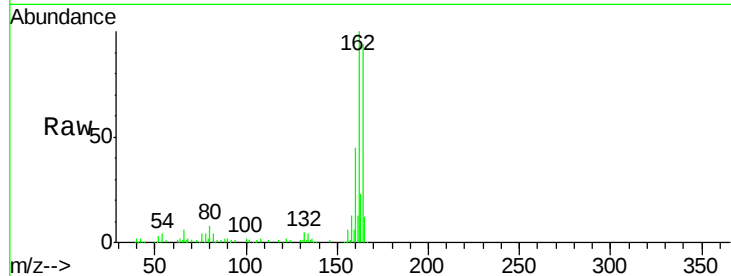
Tot Ion:164 Resp: 79742

Ion Ratio Lower Upper

164 100

162 106.8 78.8 118.2

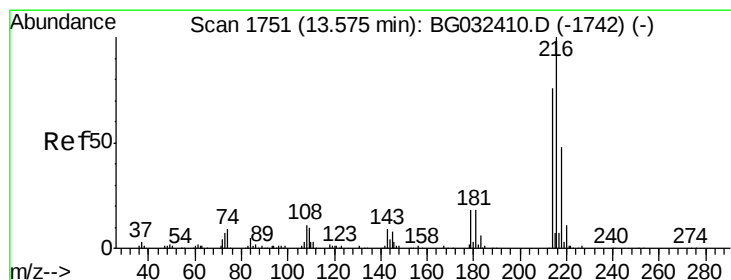
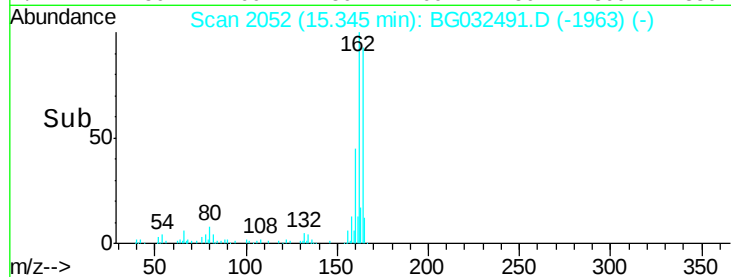
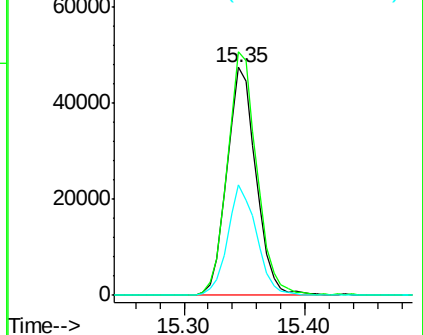
160 48.3 35.4 53.0



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: 40.632 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Tgt Ion:216 Resp: 151582

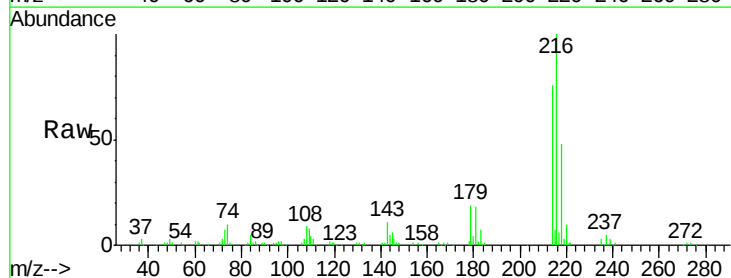
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 19.2 17.0 25.6

108 11.9 12.8 19.2#

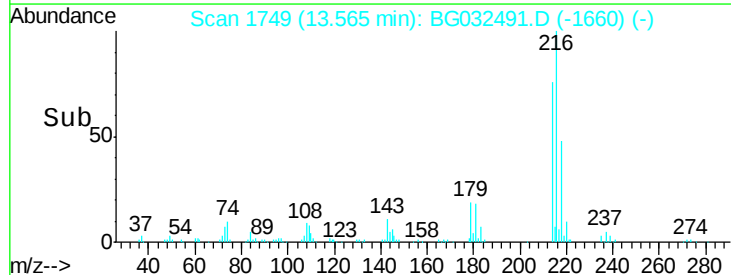
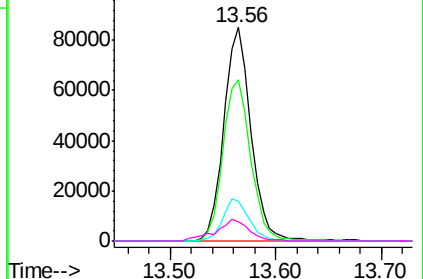


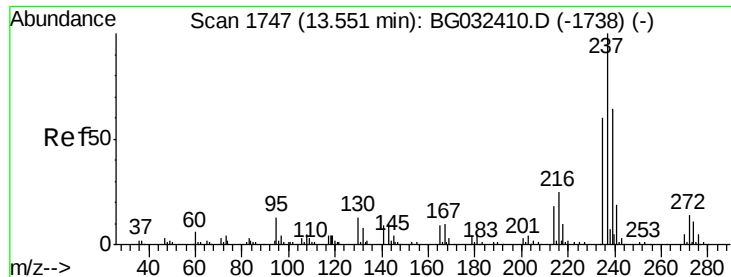
Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.652 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

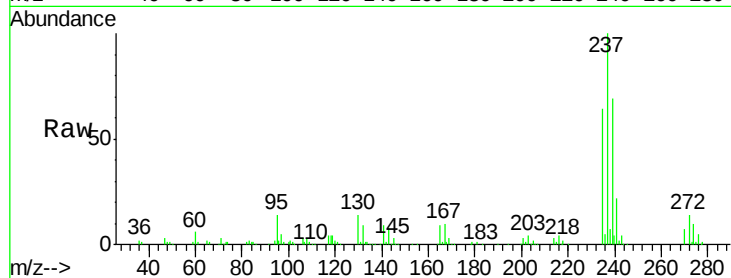
Tot Ion:237 Resp: 169344

Ion Ratio Lower Upper

237 100

235 63.5 50.4 90.4

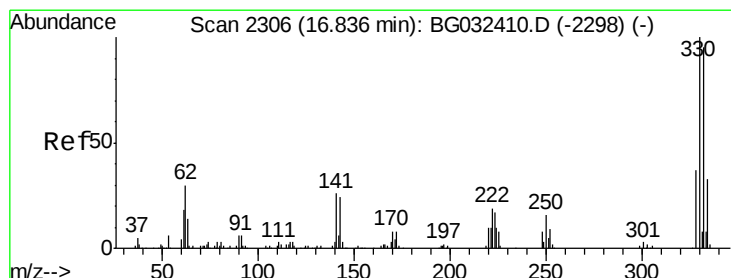
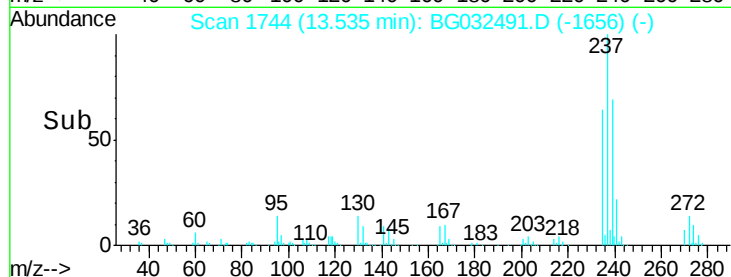
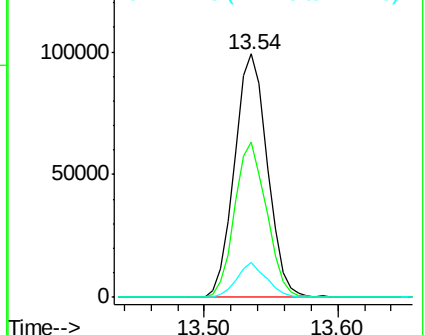
272 14.2 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 144.765 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

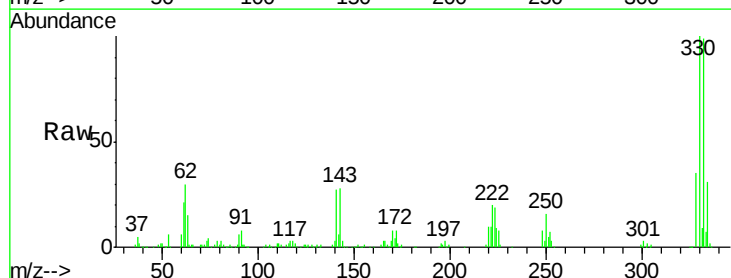
Tgt Ion:330 Resp: 219737

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

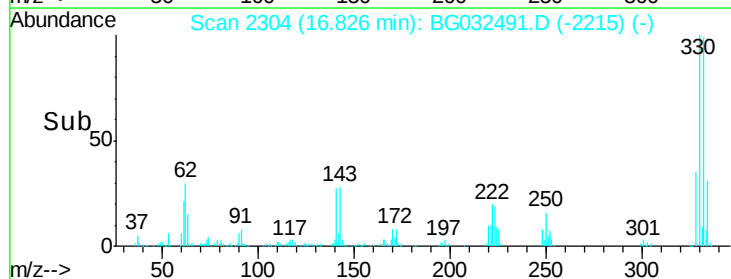
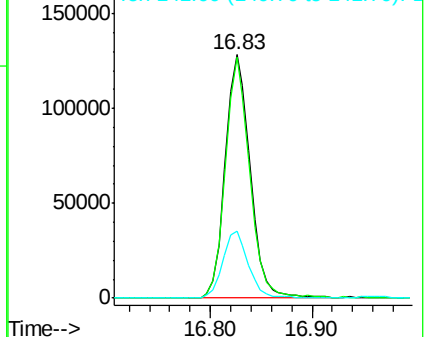
141 27.8 25.2 37.8

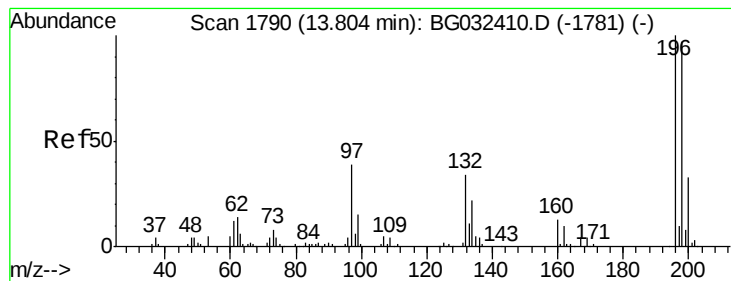


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 46.777 ng

RT: 13.79 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

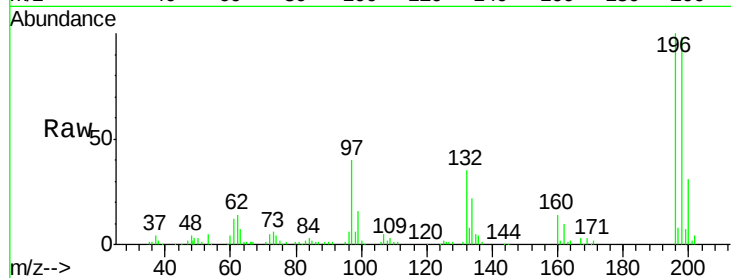
Tot Ion:196 Resp: 94919

Ion Ratio Lower Upper

196 100

198 98.0 78.2 117.2

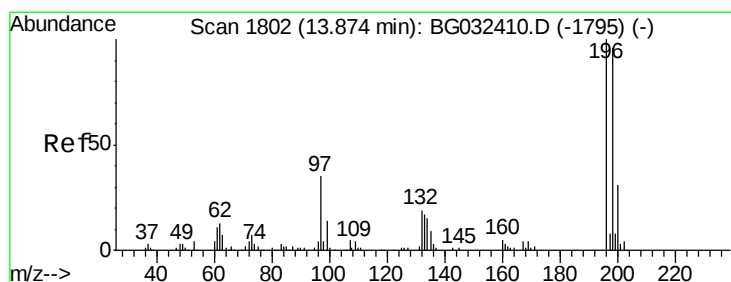
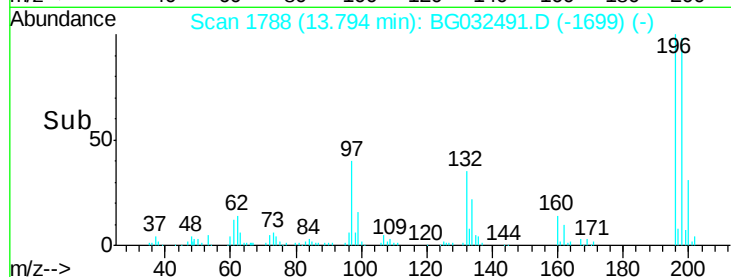
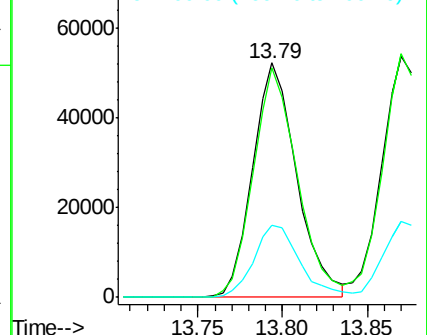
200 30.6 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 45.617 ng

RT: 13.87 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Tgt Ion:196 Resp: 107907

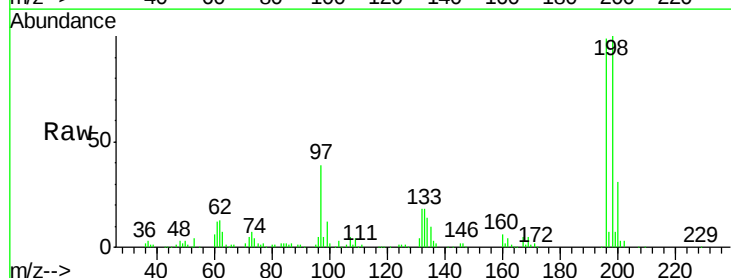
Ion Ratio Lower Upper

196 100

198 100.9 76.2 114.4

97 39.4 38.7 58.1

132 18.6 20.2 30.2#

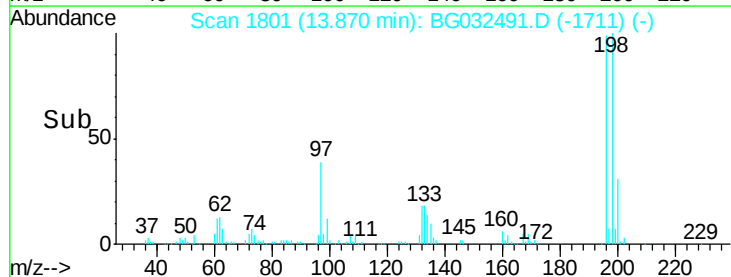
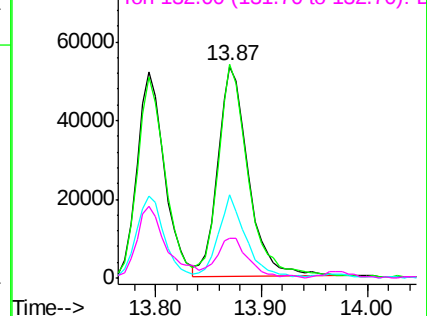


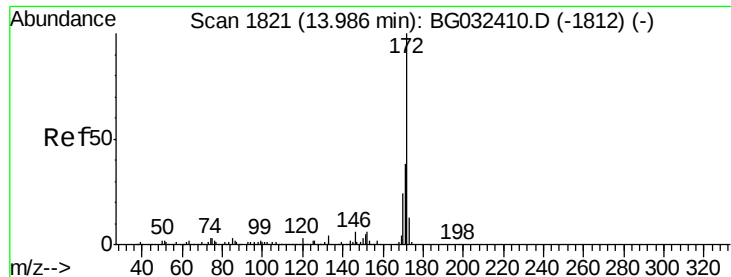
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

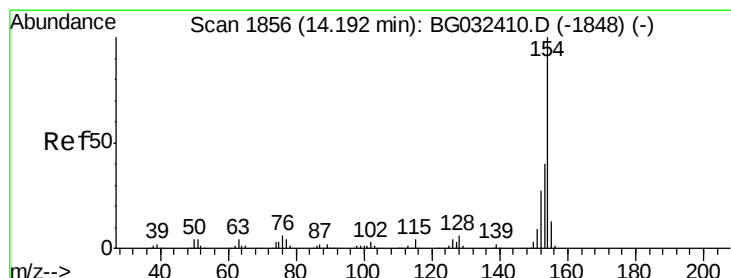
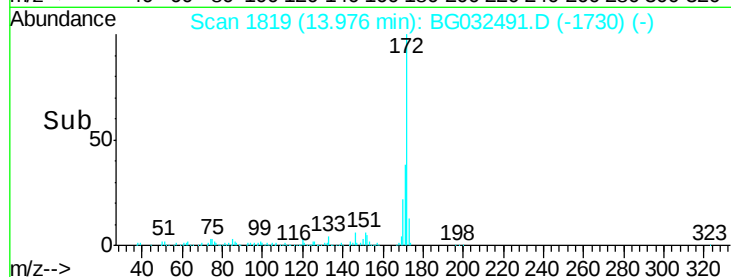
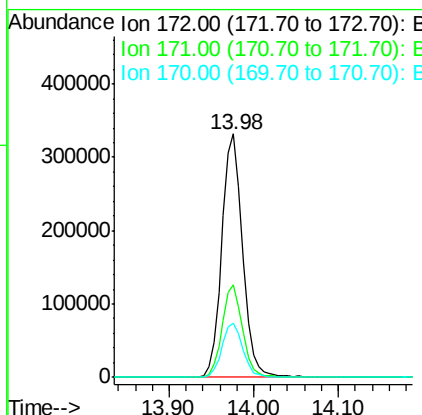
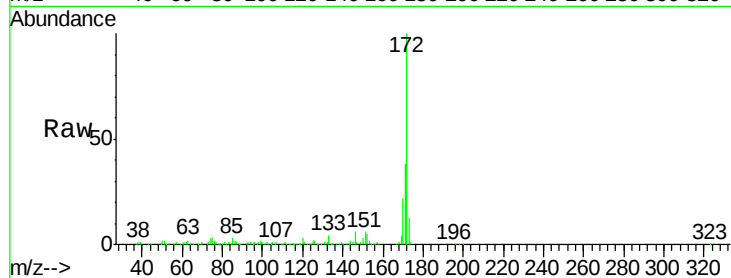




#44
2-Fluorobiphenyl
Concen: 84.462 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

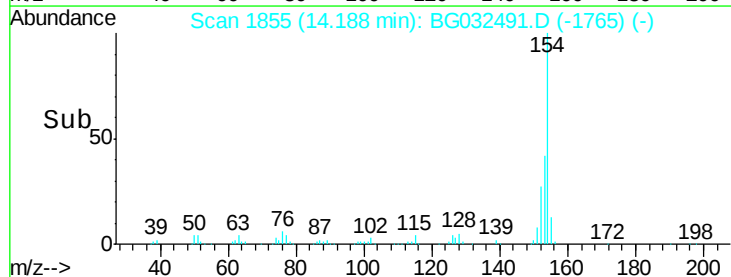
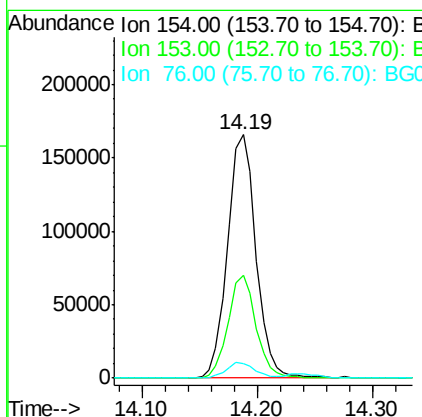
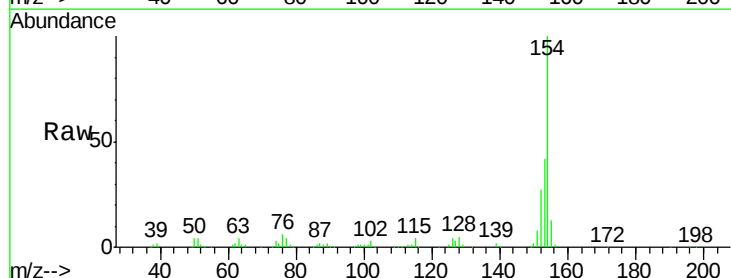
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

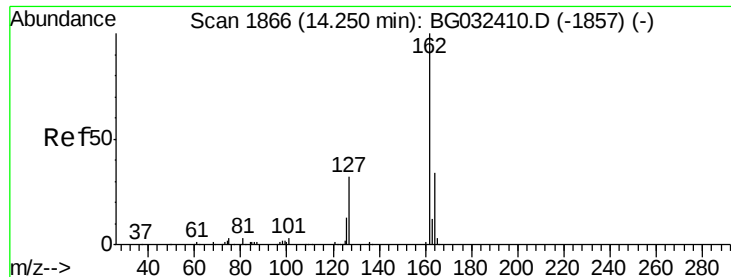
Tot Ion:172 Resp: 566665
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 22.3 19.5 29.3



#45
1,1'-Biphenyl
Concen: 42.053 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:154 Resp: 283309
Ion Ratio Lower Upper
154 100
153 42.1 19.8 59.8
76 5.9 0.0 31.9

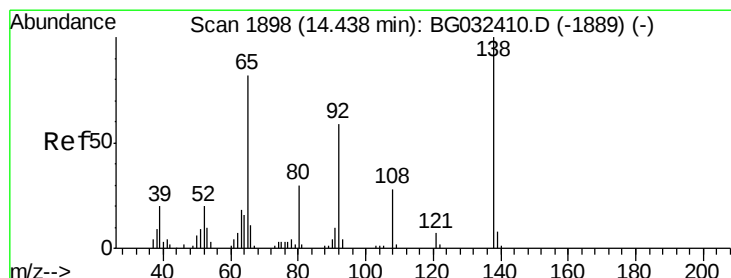
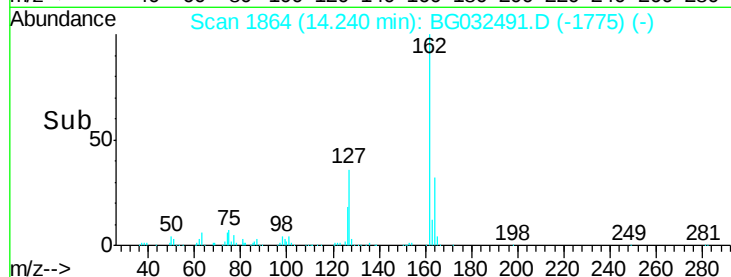
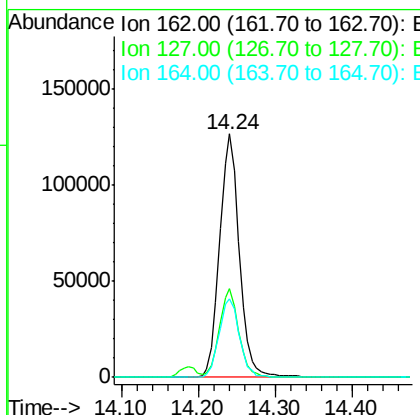
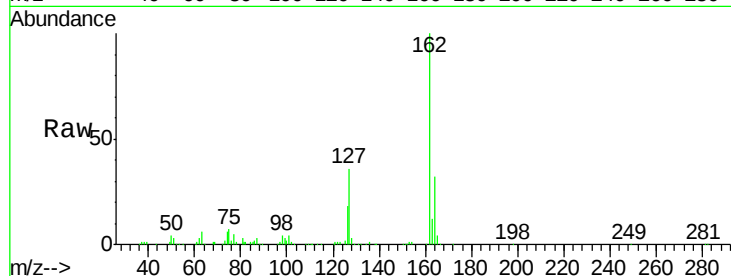




#46
2-Chloronaphthalene
Concen: 42.493 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

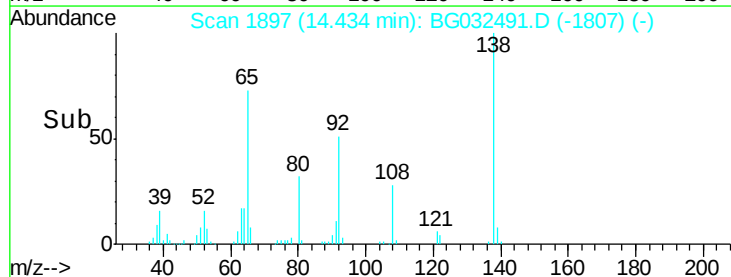
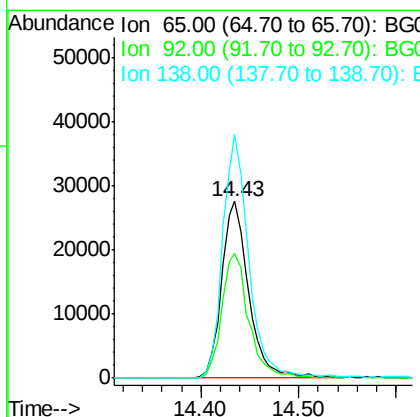
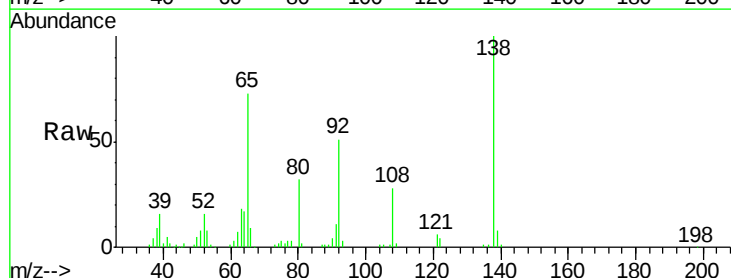
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

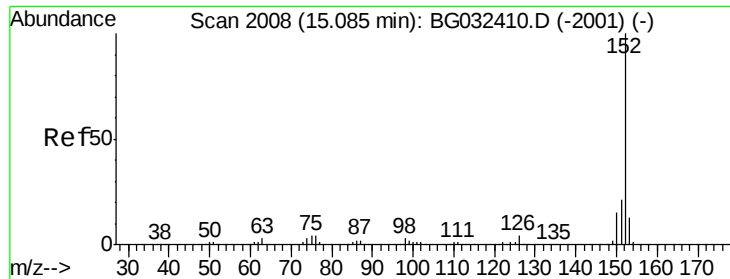
Tot Ion:162 Resp: 224378
Ion Ratio Lower Upper
162 100
127 36.4 30.7 46.1
164 32.0 26.0 39.0



#47
2-Nitroaniline
Concen: 45.355 ng
RT: 14.43 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 65 Resp: 52961
Ion Ratio Lower Upper
65 100
92 70.9 54.6 82.0
138 137.9 72.9 109.3#





#48

Acenaphthylene

Concen: 42.154 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

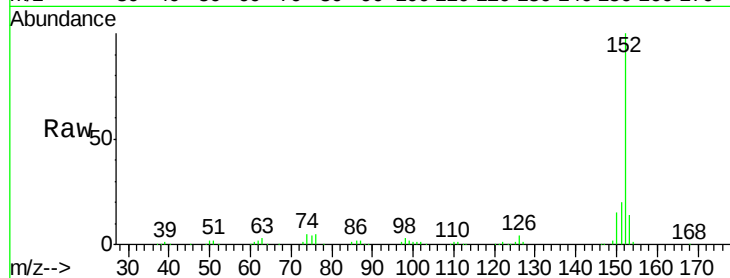
Tot Ion:152 Resp: 336501

Ion Ratio Lower Upper

152 100

151 19.8 17.2 25.8

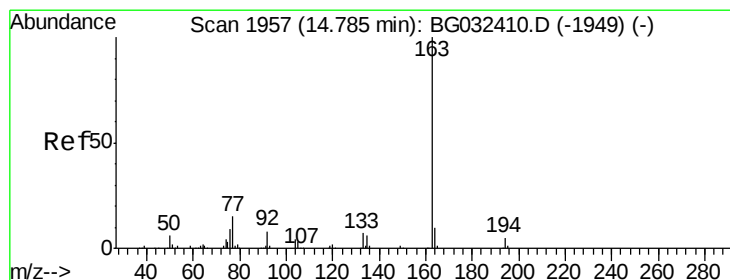
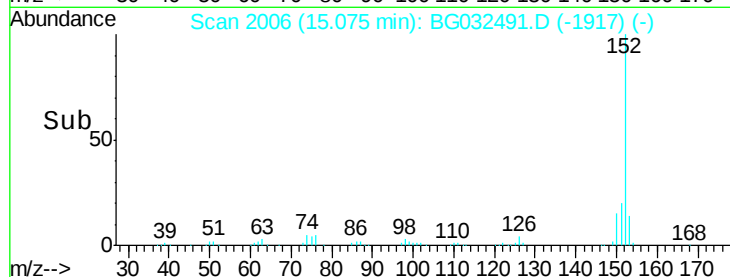
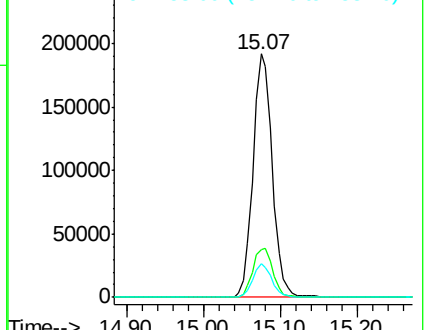
153 13.9 10.2 15.4



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: 43.509 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

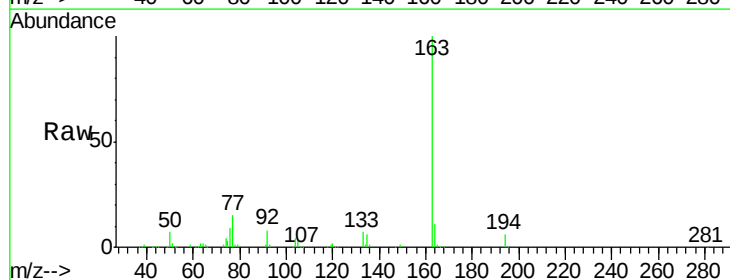
Tgt Ion:163 Resp: 319901

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

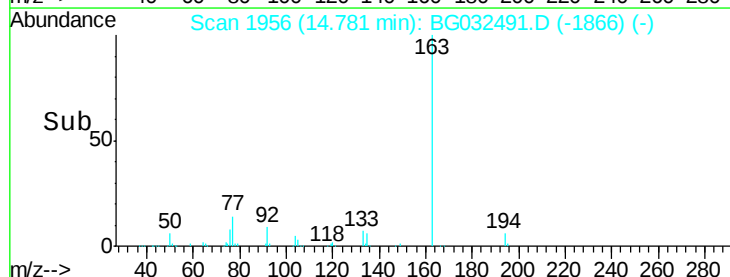
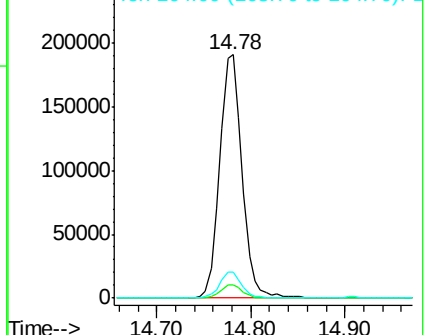
164 10.6 8.2 12.4

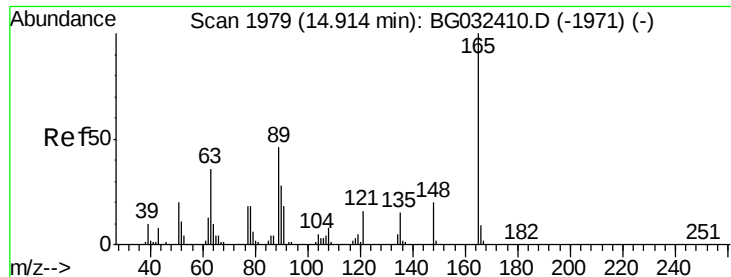


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

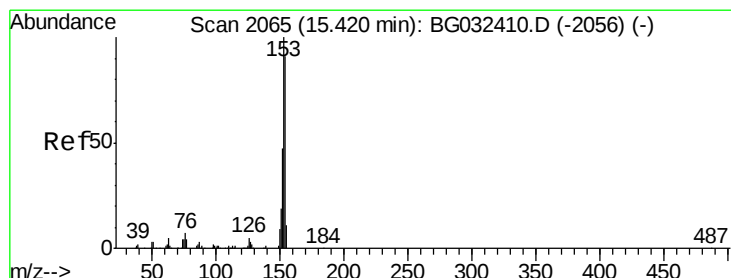
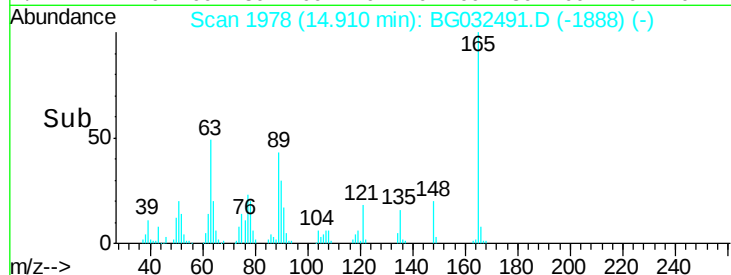
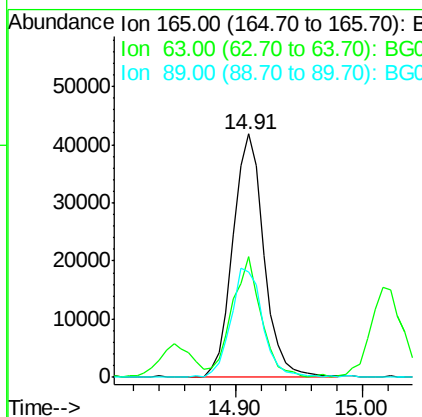
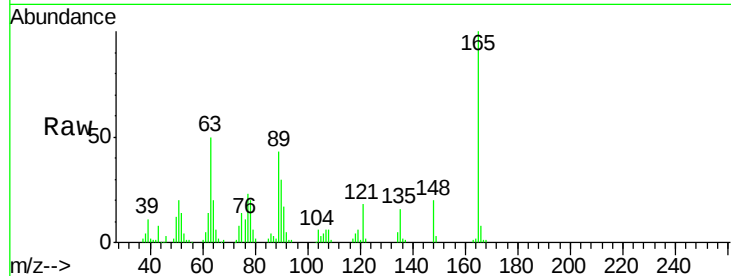




#50
 2,6-Dinitrotoluene
 Concen: 45.802 ng
 RT: 14.91 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BG032491.D
 Acq: 1 Feb 2018 15:49

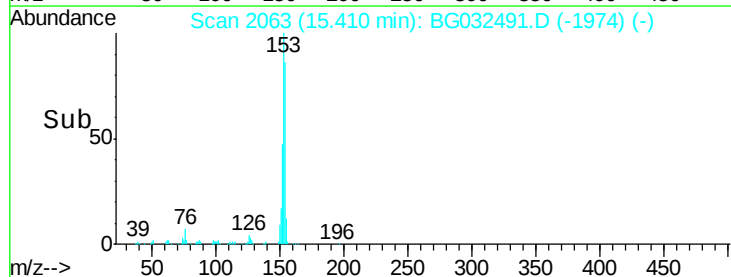
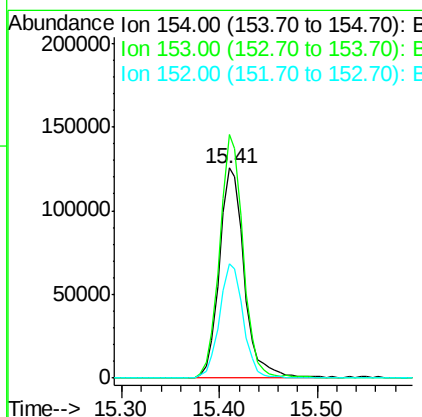
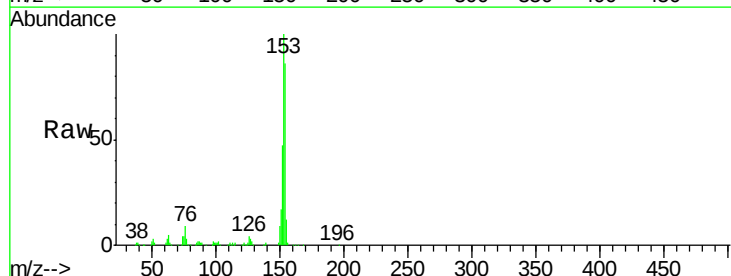
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MSD

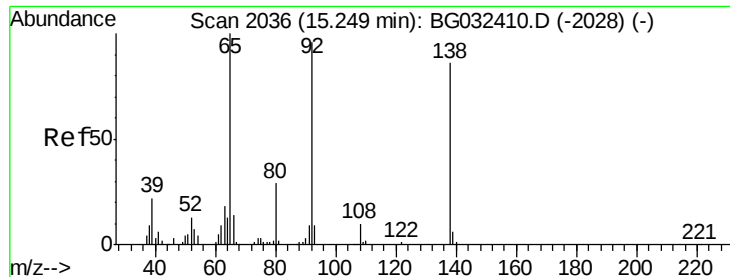
Tot Ion:165 Resp: 70682
 Ion Ratio Lower Upper
 165 100
 63 49.6 52.7 79.1#
 89 43.2 49.2 73.8#



#51
 Acenaphthene
 Concen: 40.262 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG032491.D
 Acq: 1 Feb 2018 15:49

Tgt Ion:154 Resp: 222895
 Ion Ratio Lower Upper
 154 100
 153 115.8 90.4 135.6
 152 54.2 41.6 62.4





#52

3-Nitroaniline

Concen: 20.765 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

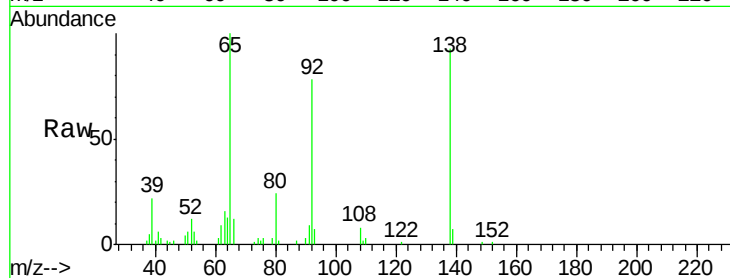
Tot Ion:138 Resp: 27990

Ion Ratio Lower Upper

138 100

108 8.7 17.5 26.3#

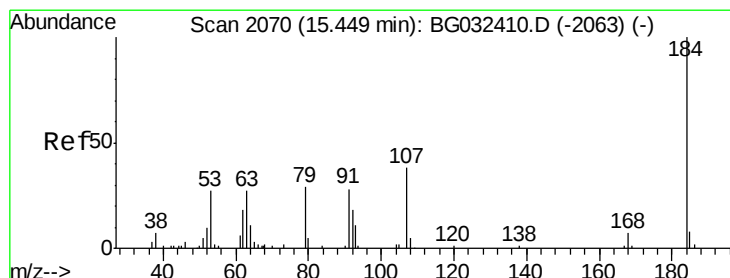
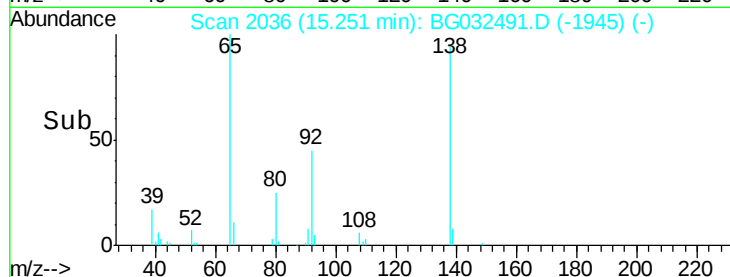
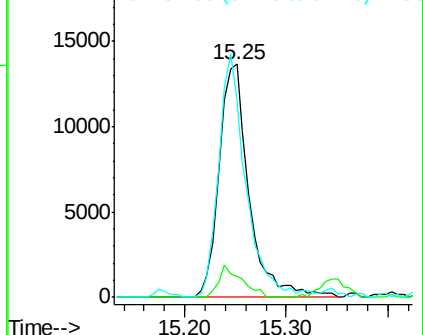
92 84.0 105.8 158.8#



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: 20.095 ng

RT: 15.44 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

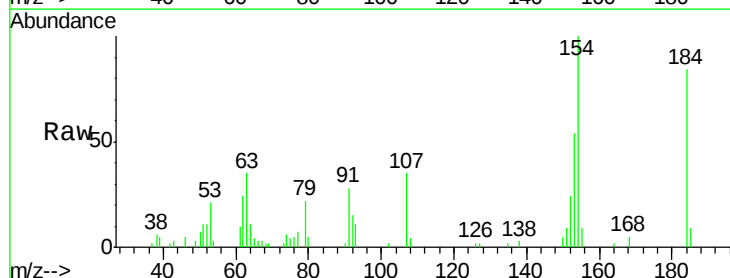
Tgt Ion:184 Resp: 16237

Ion Ratio Lower Upper

184 100

63 41.8 59.8 89.8#

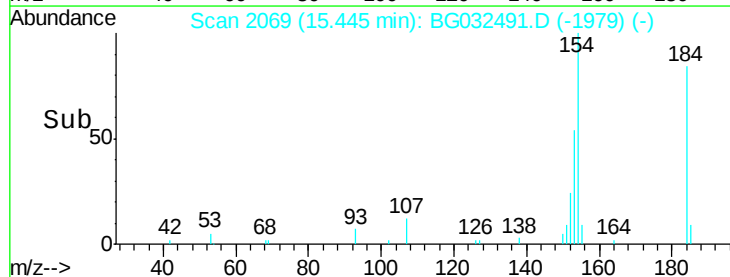
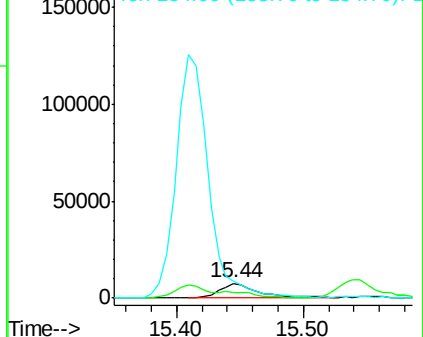
154 119.0 101.8 152.8

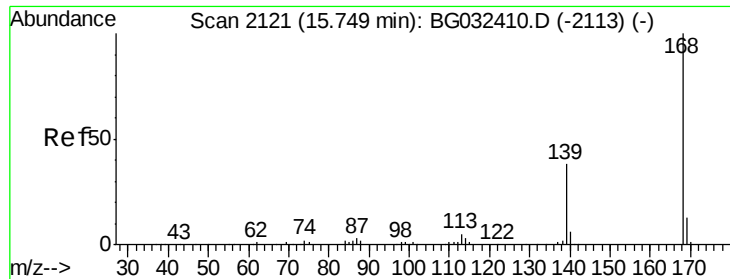


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 45.127 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

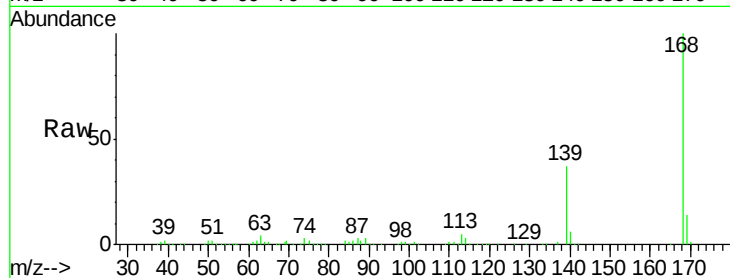
Tot Ion:168 Resp: 369770

Ion Ratio Lower Upper

168 100

139 37.0 28.6 43.0

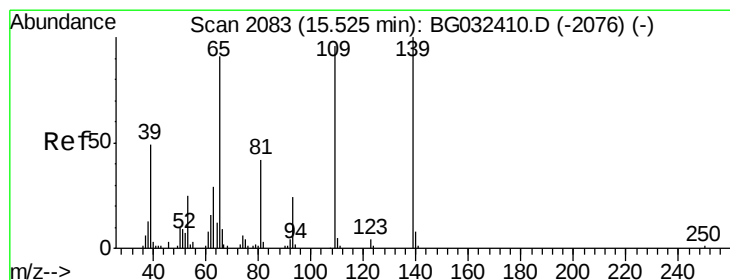
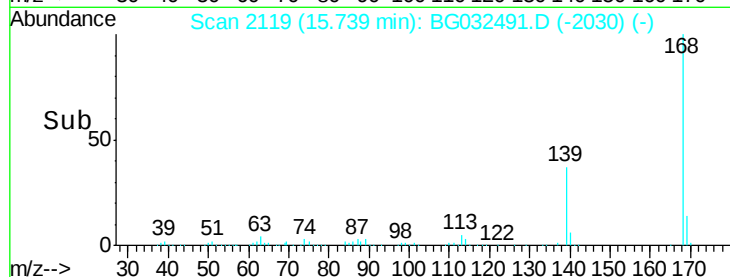
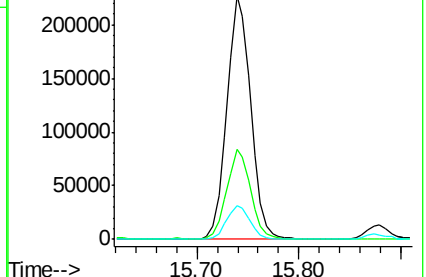
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 68.446 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

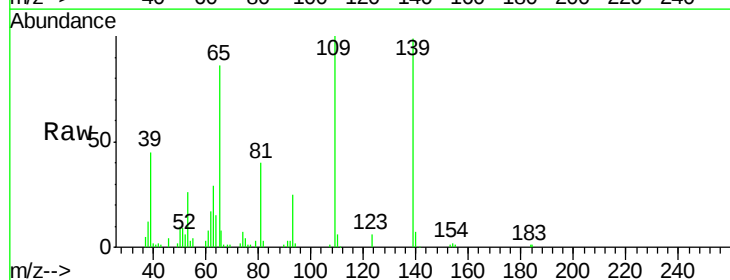
Tgt Ion:139 Resp: 69071

Ion Ratio Lower Upper

139 100

109 101.0 62.2 102.2

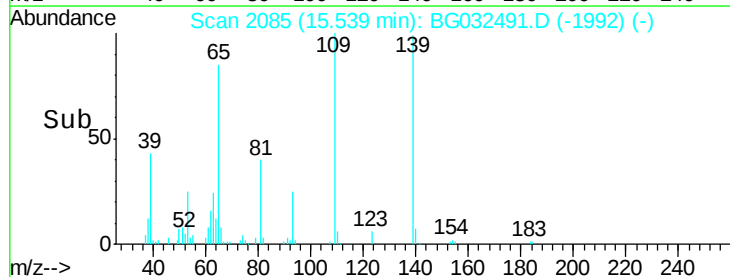
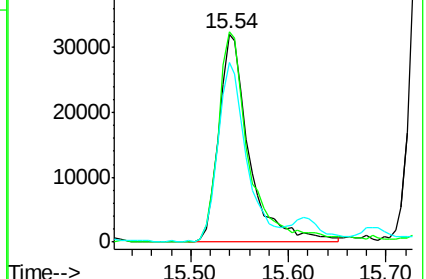
65 86.4 97.2 137.2#

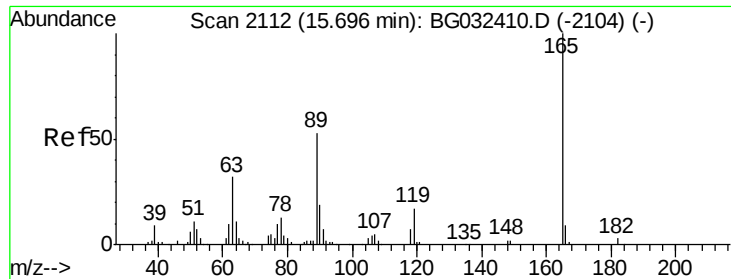


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

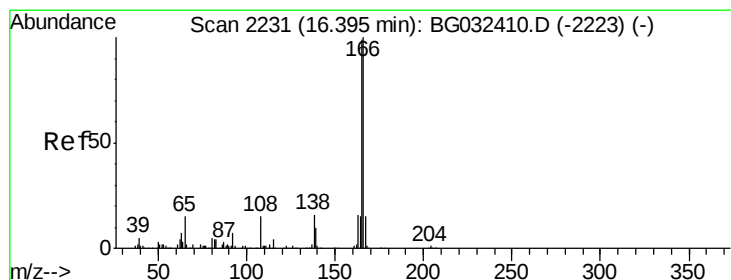
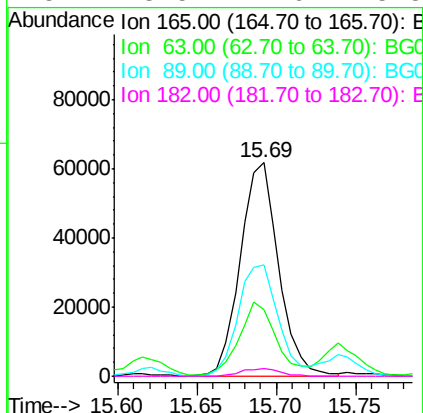
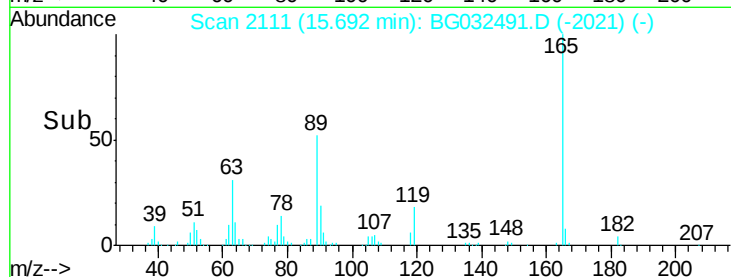
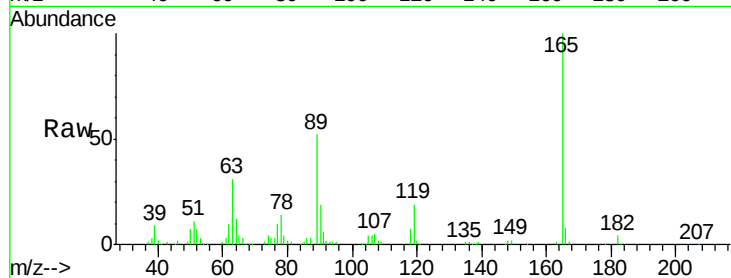




#56
2,4-Dinitrotoluene
Concen: 47.182 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

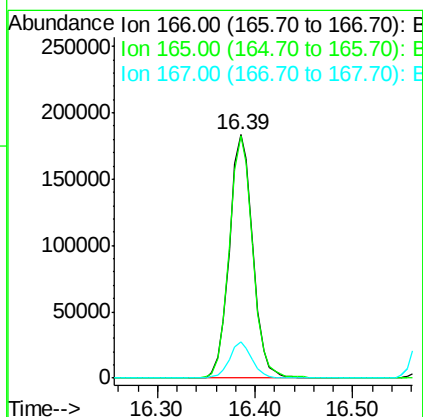
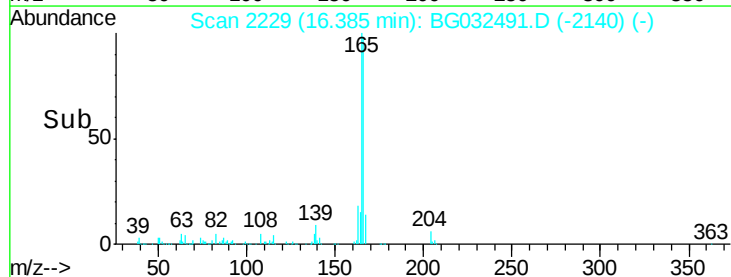
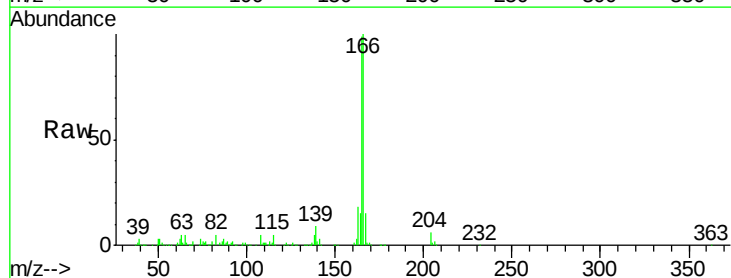
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

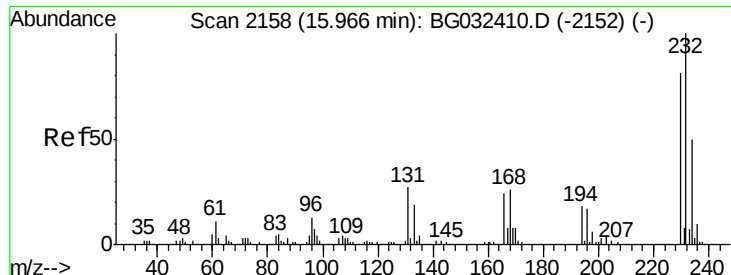
Tot Ion:165 Resp: 103671
Ion Ratio Lower Upper
165 100
63 31.5 42.0 63.0#
89 51.9 66.9 100.3#
182 3.5 2.6 3.8



#57
Fluorene
Concen: 44.620 ng
RT: 16.39 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:166 Resp: 303816
Ion Ratio Lower Upper
166 100
165 99.4 80.6 121.0
167 14.8 10.4 15.6





#58

2,3,4,6-Tetrachlorophenol

Concen: 48.524 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

Tot Ion:232 Resp: 113209

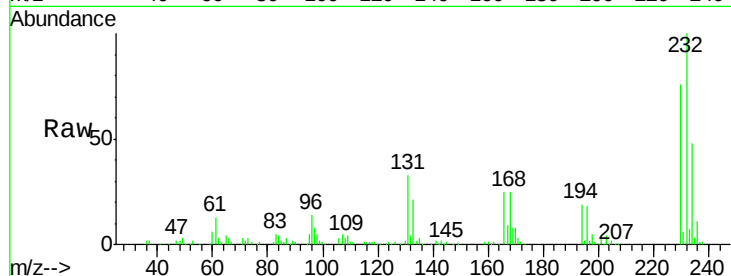
Ion Ratio Lower Upper

232 100

131 31.4 33.5 50.3#

130 1.7 2.2 3.2#

166 22.4 24.8 37.2#

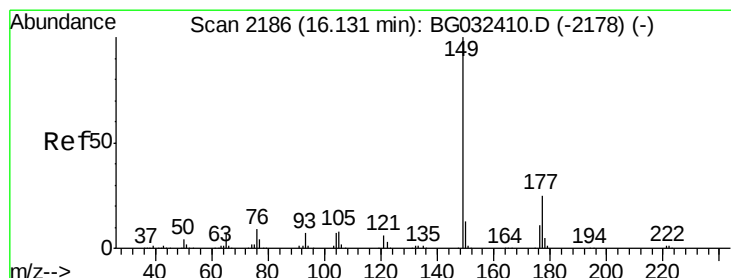
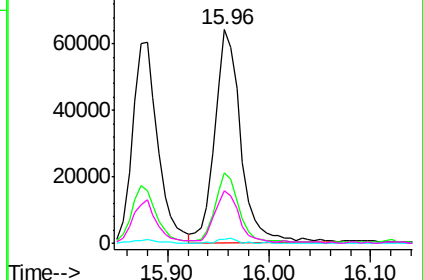
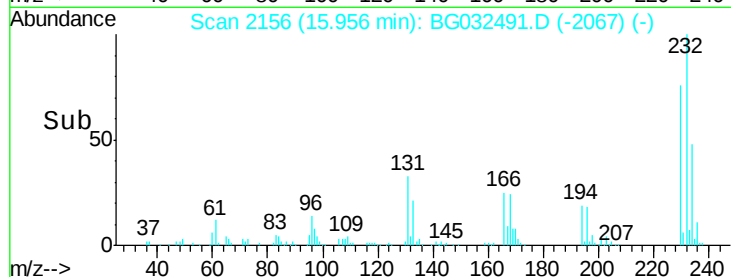


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.528 ng

RT: 16.12 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

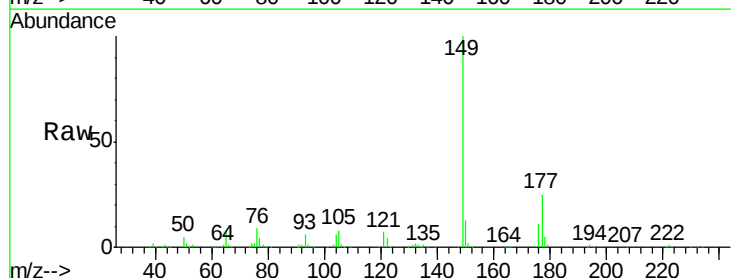
Tgt Ion:149 Resp: 318866

Ion Ratio Lower Upper

149 100

177 25.0 18.5 27.7

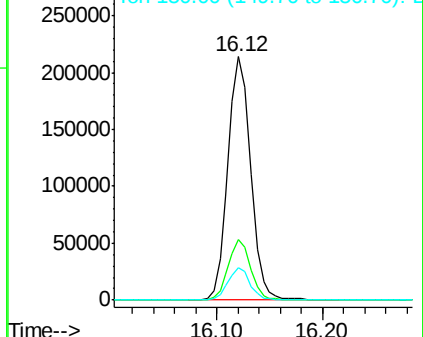
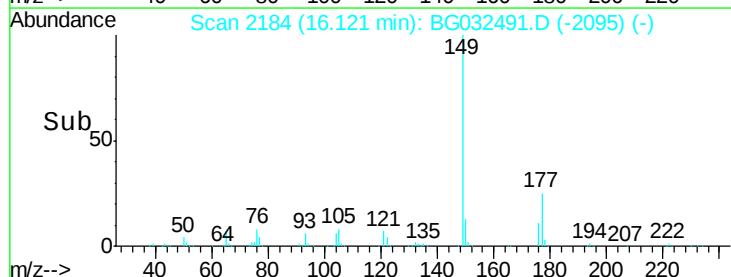
150 13.5 10.2 15.2

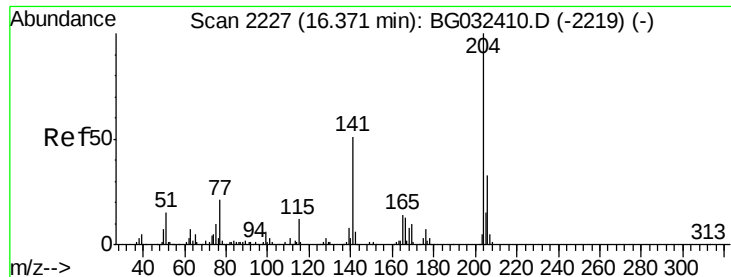


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 44.419 ng

RT: 16.36 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

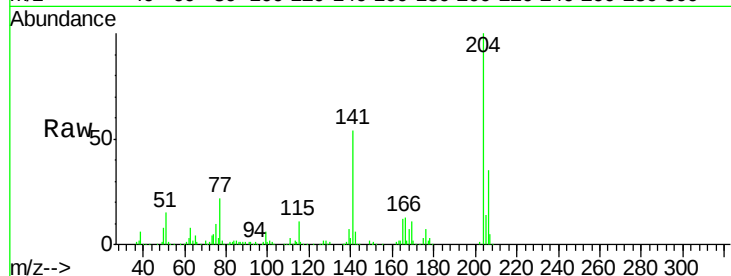
Tot Ion:204 Resp: 190720

Ion Ratio Lower Upper

204 100

206 35.2 26.2 39.2

141 53.9 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

150000

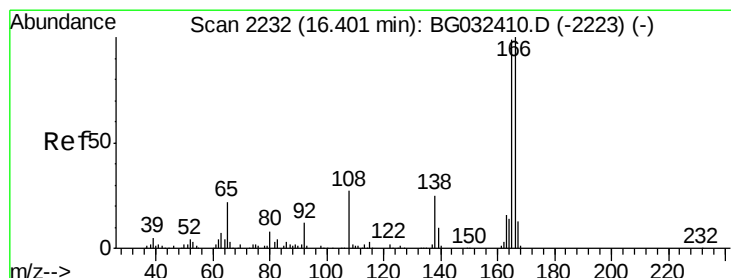
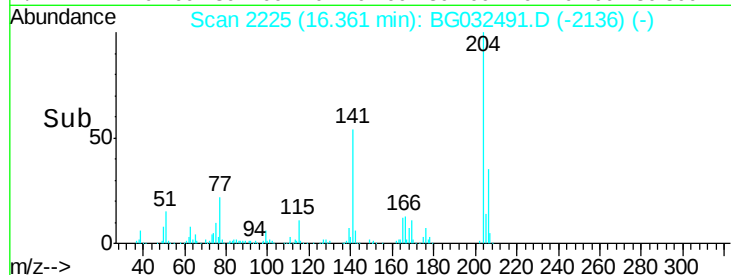
100000

50000

0

16.30 16.35 16.40 16.45

Time-->



#61

4-Nitroaniline

Concen: 40.791 ng

RT: 16.40 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

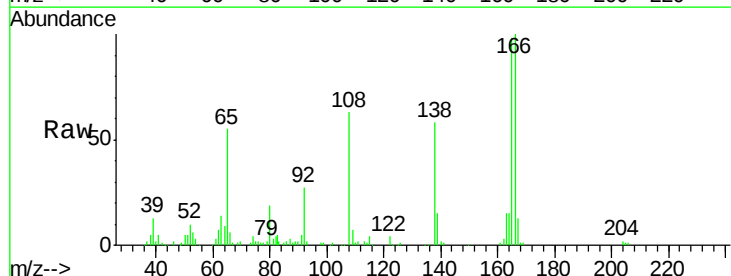
Tgt Ion:138 Resp: 58932

Ion Ratio Lower Upper

138 100

92 45.6 40.1 80.1

108 108.4 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

40000

30000

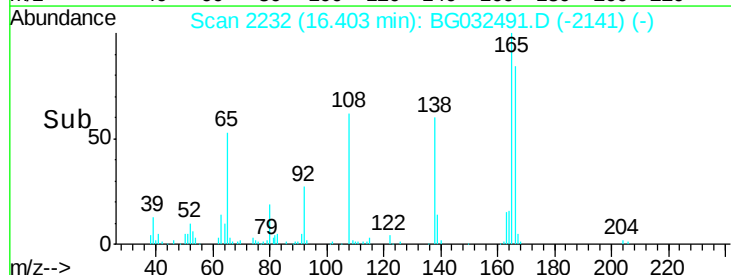
20000

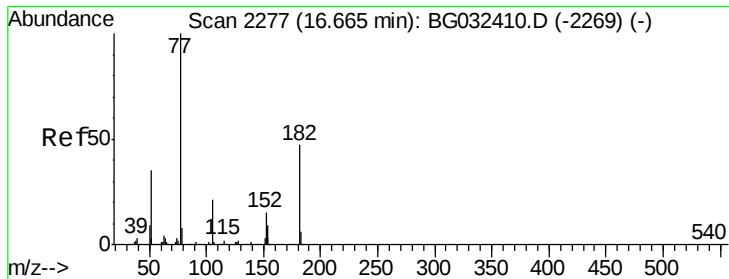
10000

0

16.30 16.40 16.50

Time-->





#62

Azobenzene

Concen: 45.255 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

Tot Ion: 77 Resp: 193669

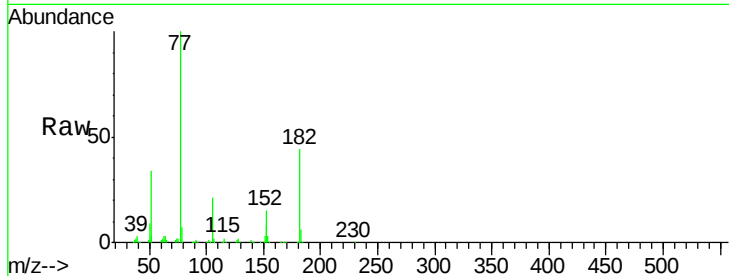
Ion Ratio Lower Upper

77 100

182 43.6 7.4 47.4

105 21.4 0.3 40.3

51 34.1 11.6 51.6

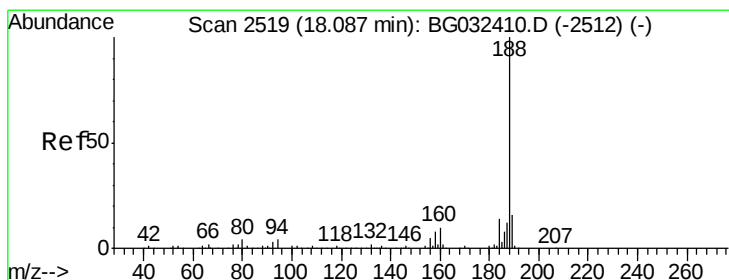
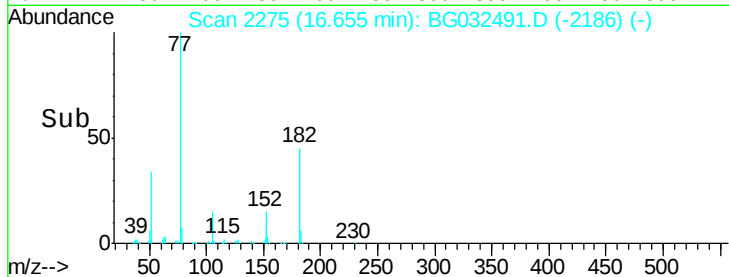
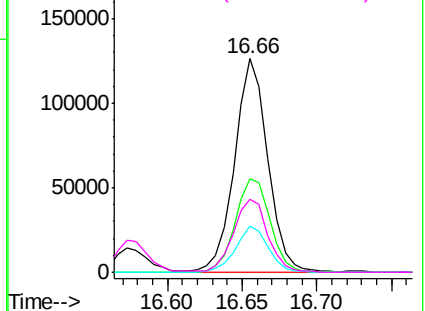


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 18.08 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

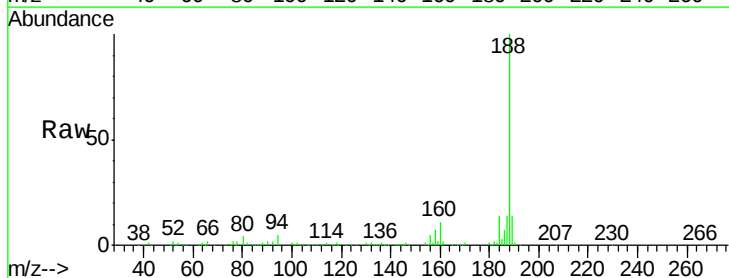
Tgt Ion: 188 Resp: 215147

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

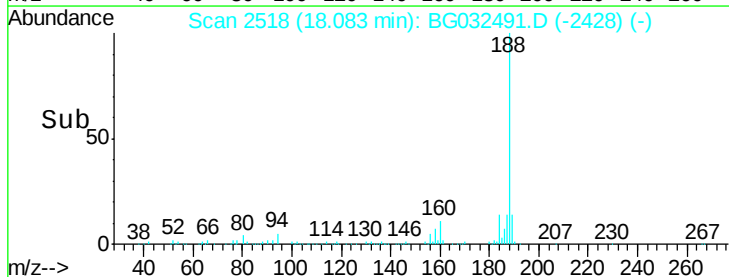
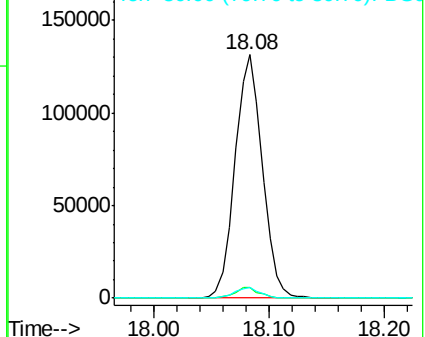
80 4.2 7.7 11.5#

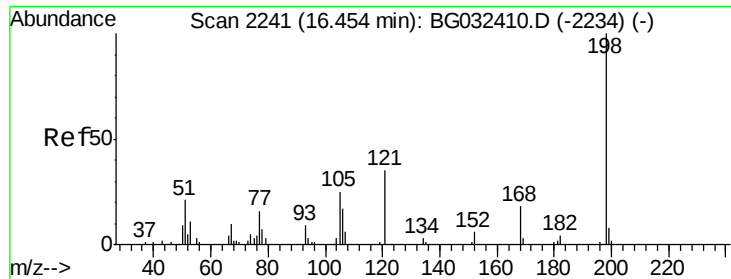


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 13.791 ng

RT: 16.45 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

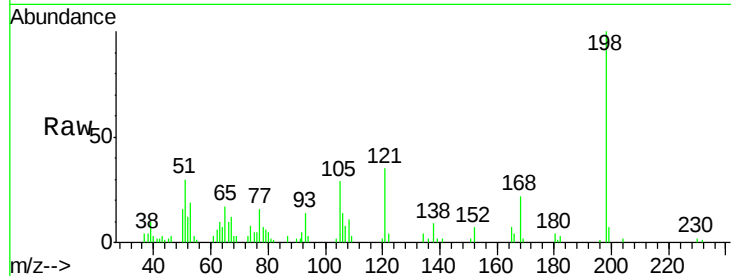
Tot Ion:198 Resp: 22166

Ion Ratio Lower Upper

198 100

51 29.8 30.6 70.6#

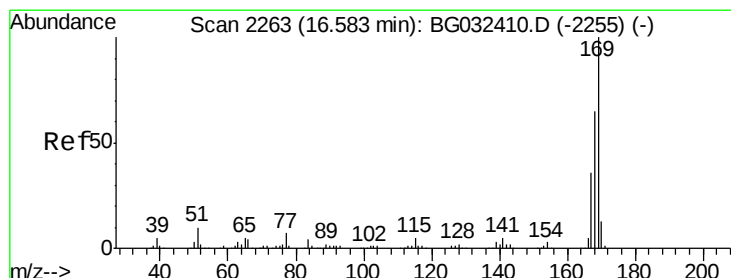
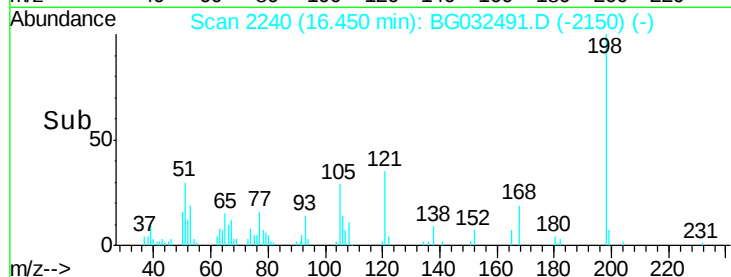
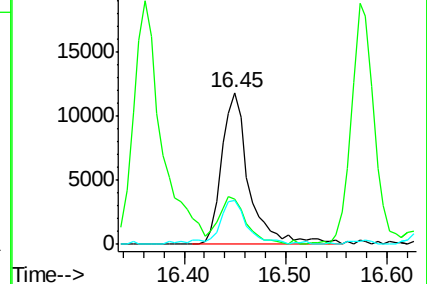
105 29.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 44.790 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

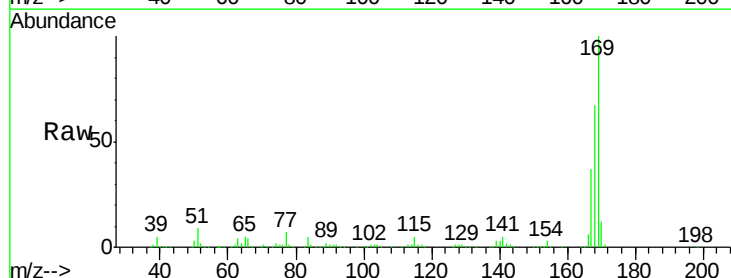
Tgt Ion:169 Resp: 287583

Ion Ratio Lower Upper

169 100

168 67.1 55.7 83.5

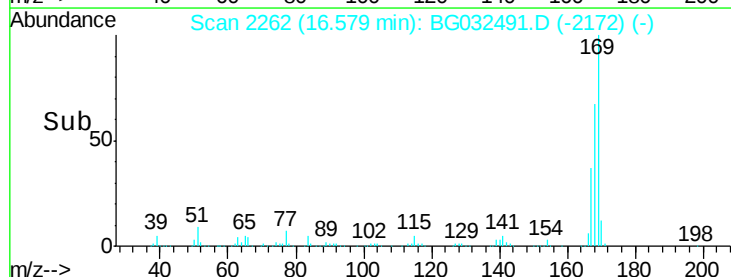
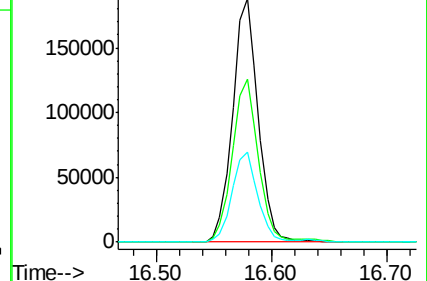
167 37.2 30.1 45.1

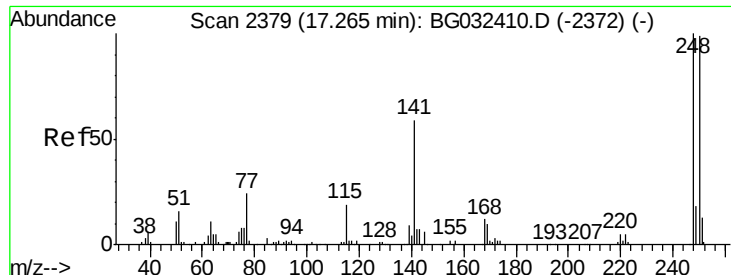


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

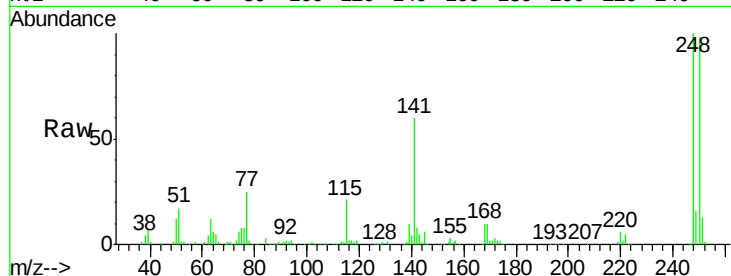




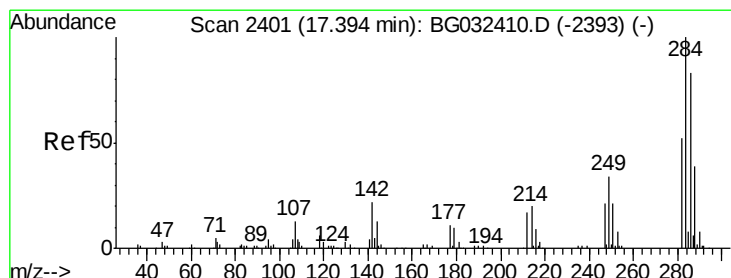
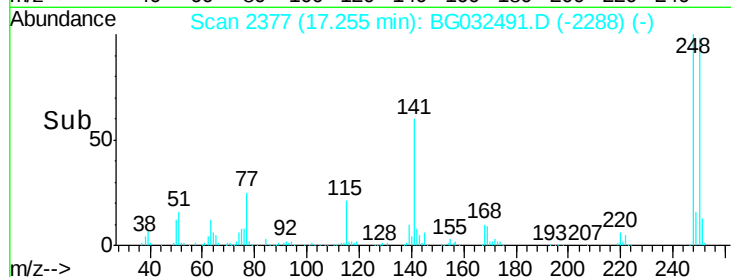
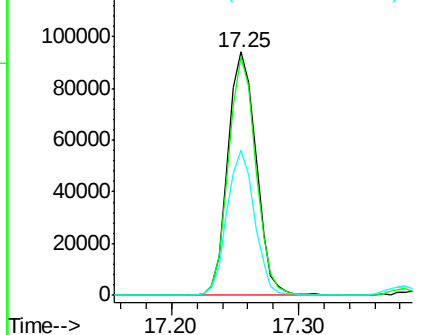
#66
4-Bromophenyl-phenylether
Concen: 45.512 ng
RT: 17.25 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tot Ion:248 Resp: 145063
Ion Ratio Lower Upper
248 100
250 97.8 77.1 115.7
141 59.7 50.8 76.2

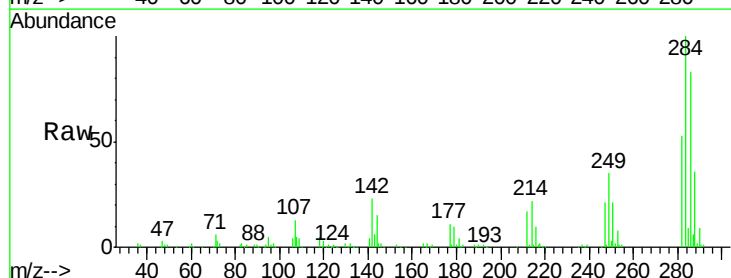


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

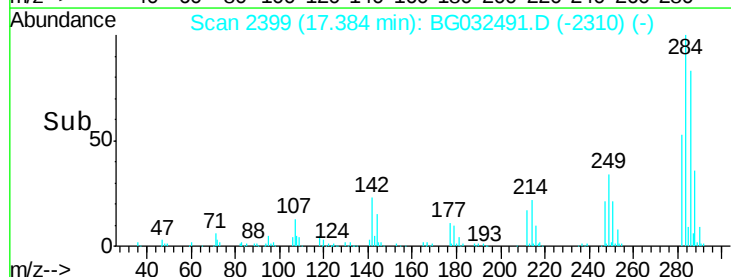
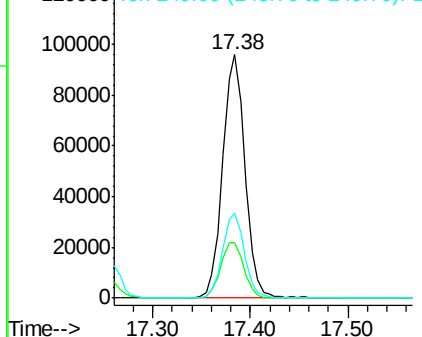


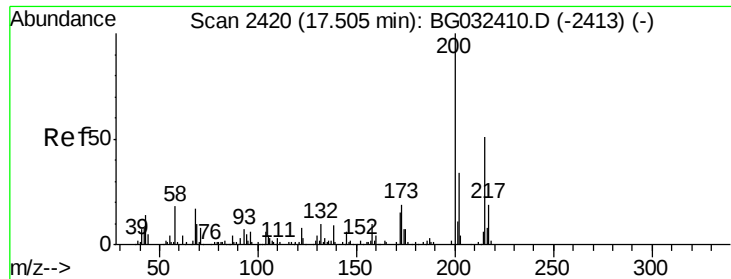
#67
Hexachlorobenzene
Concen: 43.160 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:284 Resp: 152237
Ion Ratio Lower Upper
284 100
142 22.9 26.8 40.2#
249 34.7 26.3 39.5



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: 48.128 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

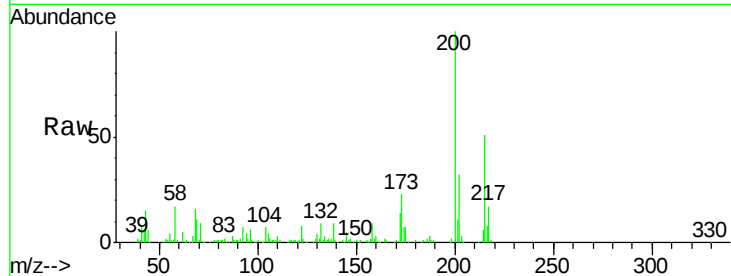
Tot Ion:200 Resp: 132655

Ion Ratio Lower Upper

200 100

173 23.3 5.2 45.2

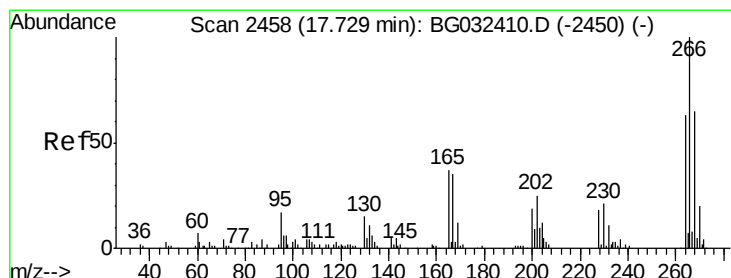
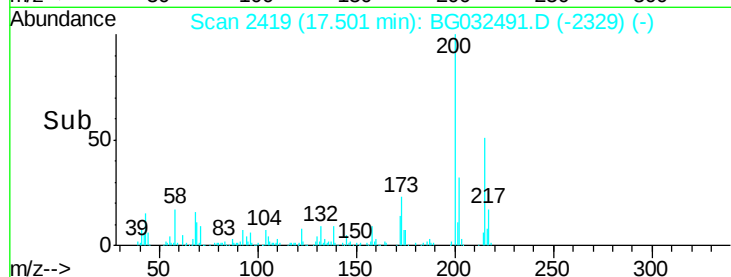
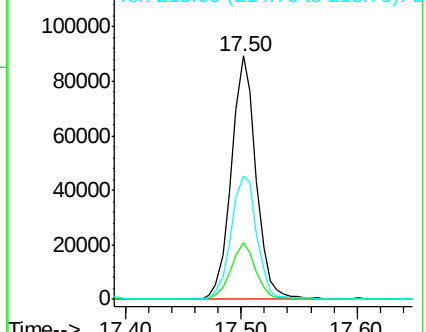
215 50.6 30.4 70.4



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: 44.053 ng

RT: 17.72 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

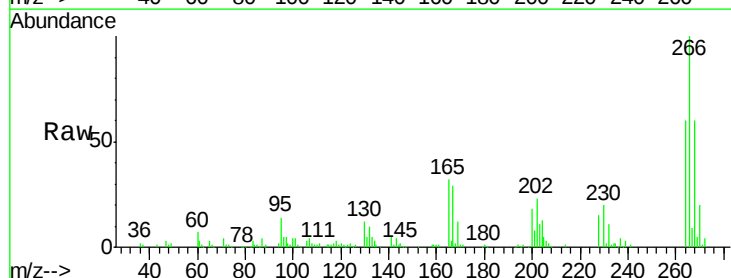
Tgt Ion:266 Resp: 97341

Ion Ratio Lower Upper

266 100

268 60.0 51.1 76.7

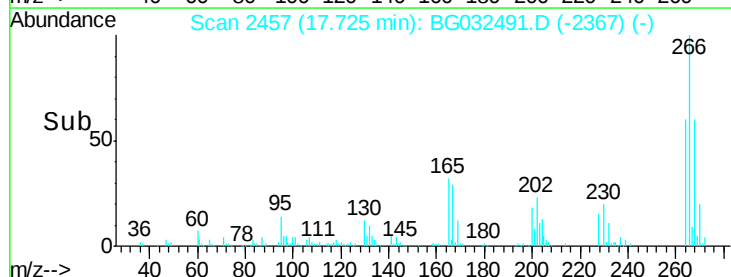
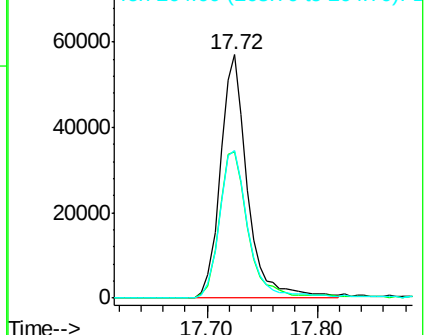
264 60.4 49.6 74.4

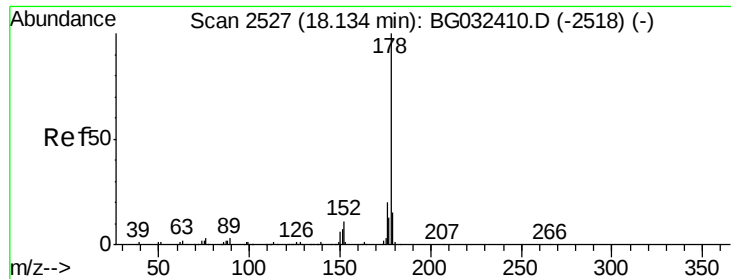


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 45.409 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

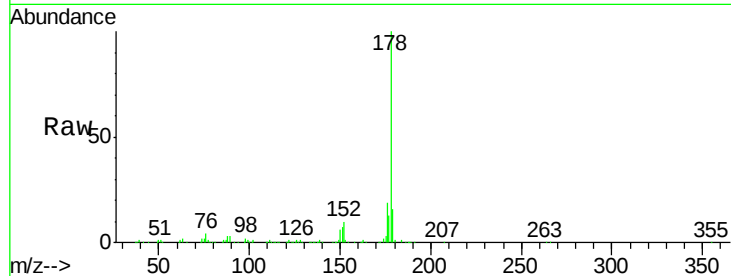
Tot Ion:178 Resp: 544817

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

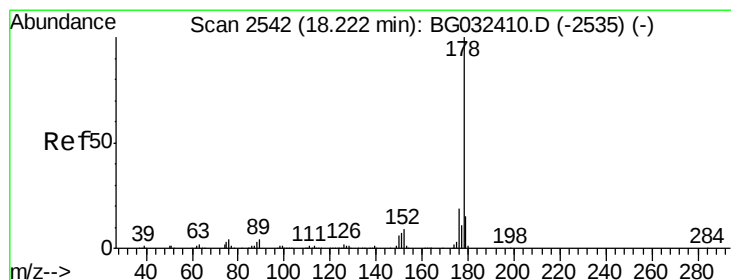
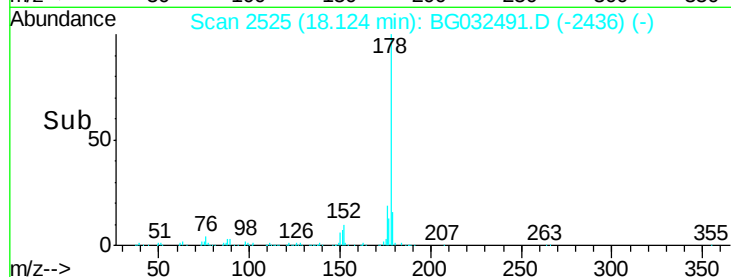
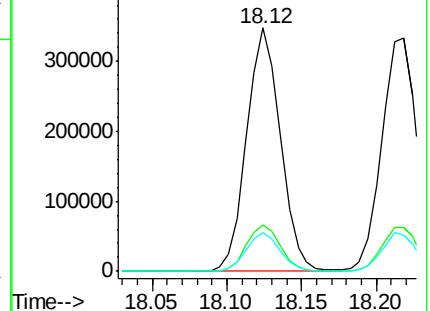
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 45.986 ng

RT: 18.22 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

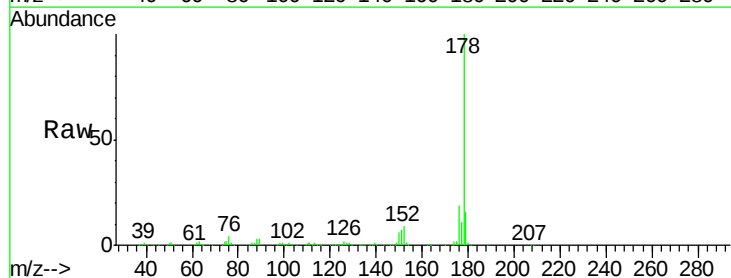
Tgt Ion:178 Resp: 549382

Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

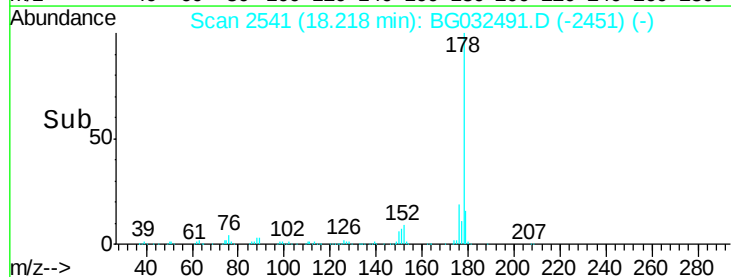
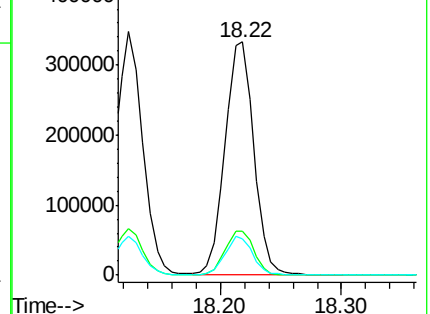
179 15.8 12.5 18.7

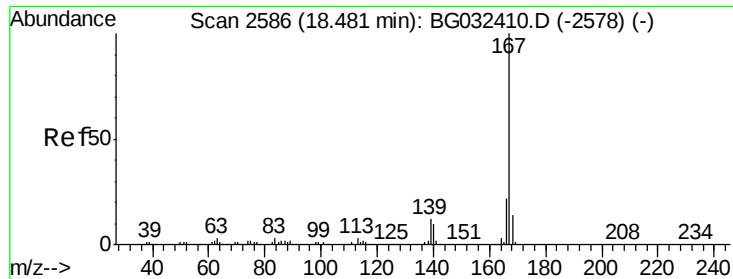


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.818 ng

RT: 18.48 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

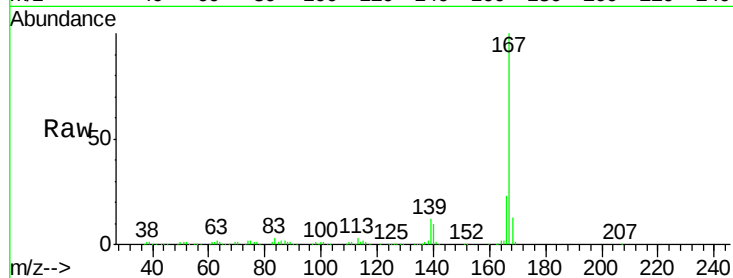
Tot Ion:167 Resp: 483630

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.4

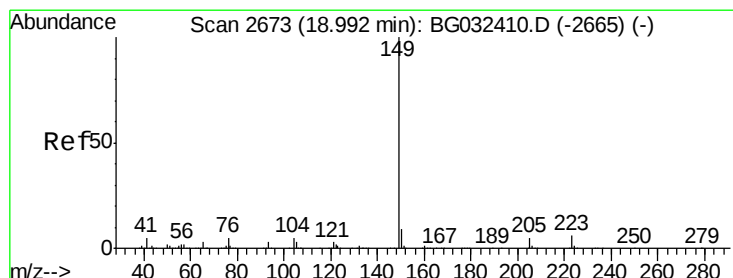
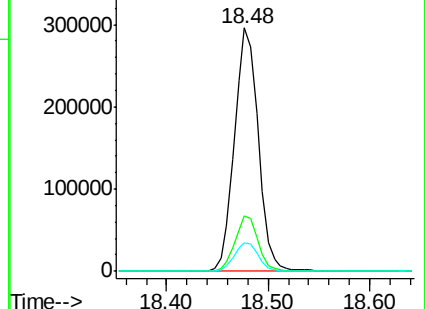
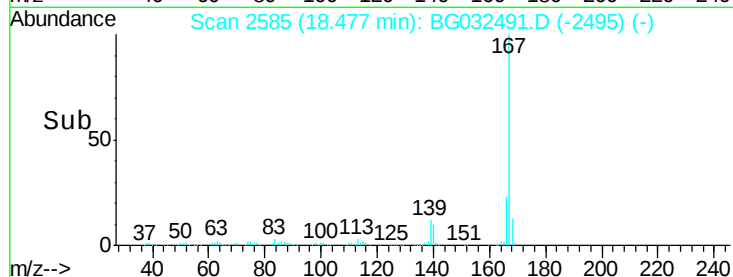
139 11.8 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.617 ng

RT: 18.98 min Scan# 2671

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

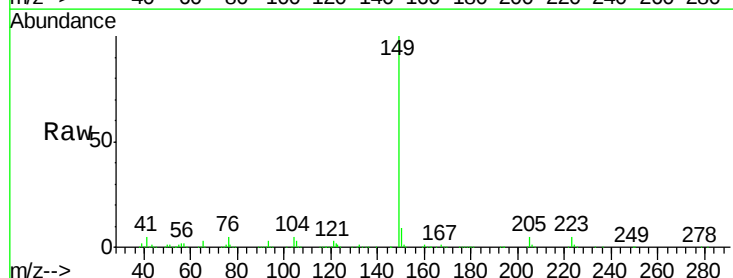
Tgt Ion:149 Resp: 544795

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

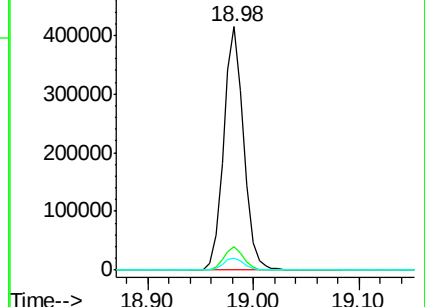
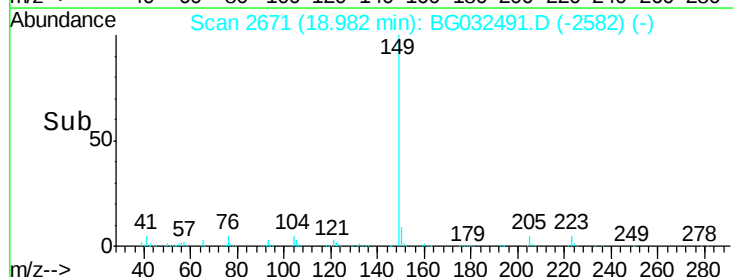
104 5.1 3.9 5.9

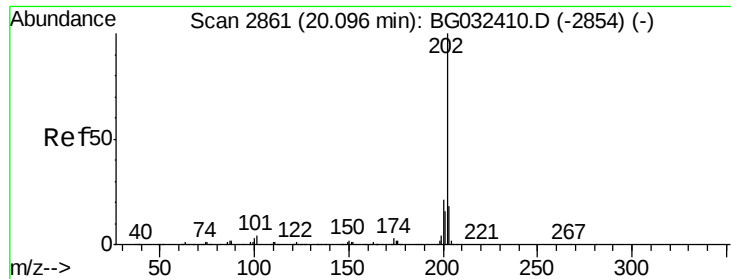


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.966 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

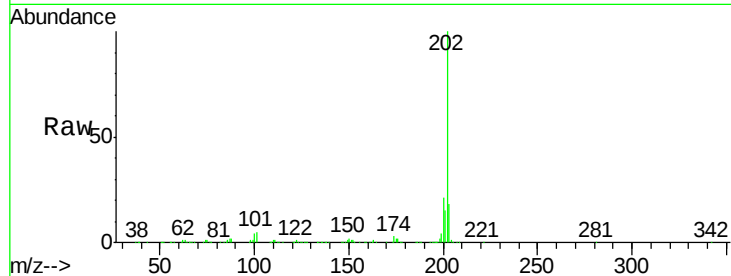
Tot Ion:202 Resp: 723257

Ion Ratio Lower Upper

202 100

101 4.5 0.0 28.9

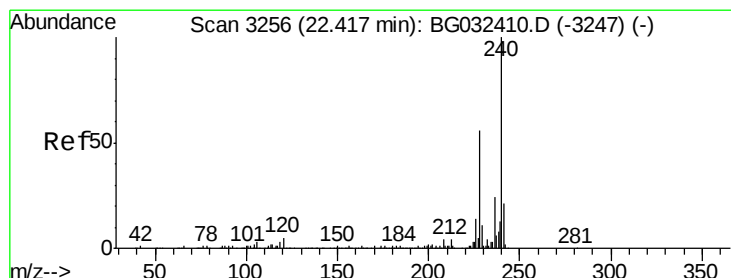
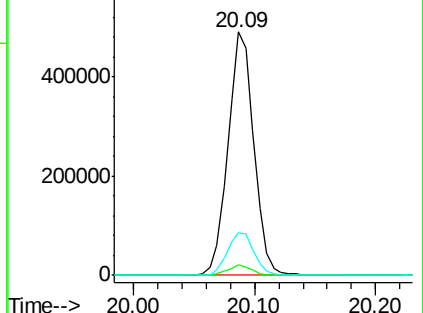
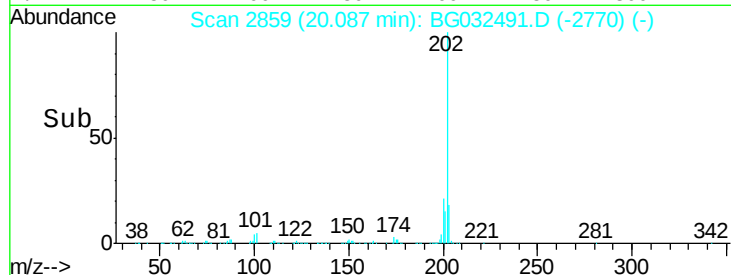
203 17.7 0.0 37.5



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: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

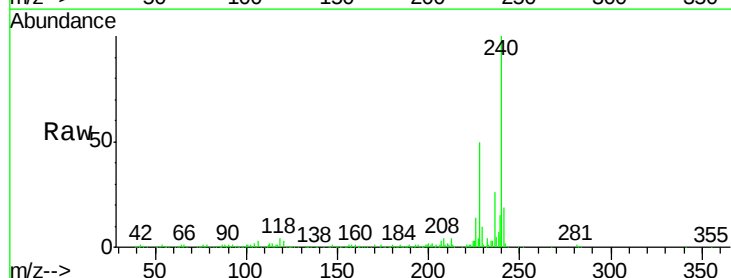
Tgt Ion:240 Resp: 270477

Ion Ratio Lower Upper

240 100

120 3.3 6.8 10.2#

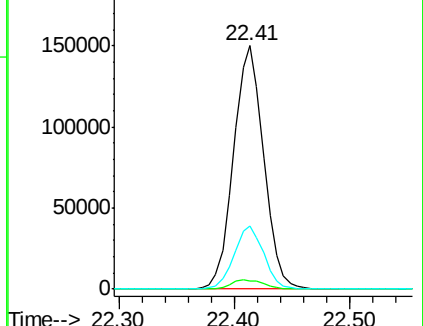
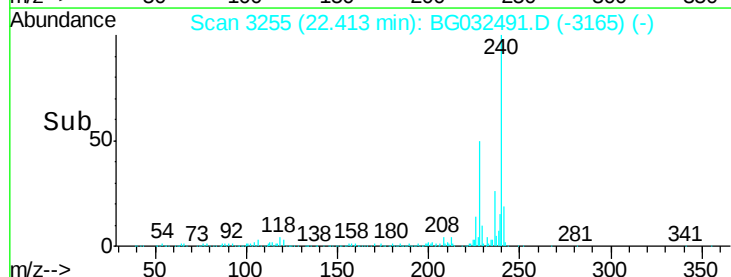
236 25.9 20.9 31.3

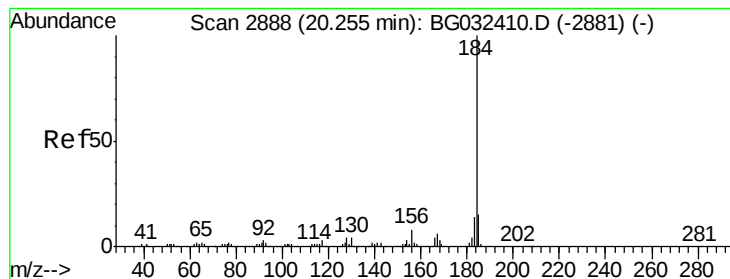


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 16.550 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

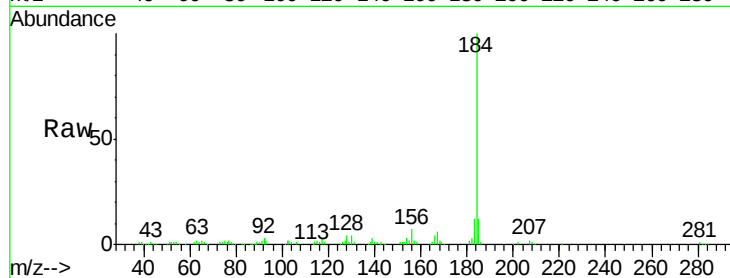
BNA_G

ClientSampleId :

HD-02-013118MSD

Tot Ion:184 Resp: 87899

Ion	Ratio	Lower	Upper
184	100		
185	12.1	11.1	16.7
183	12.4	10.6	16.0

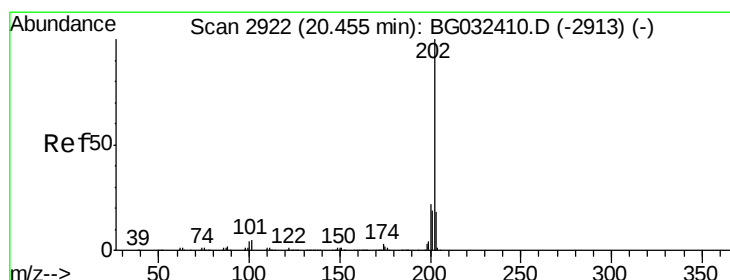
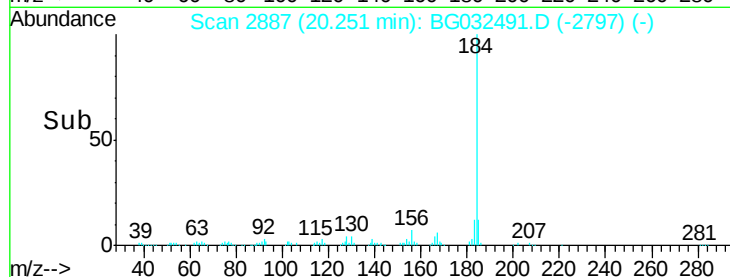
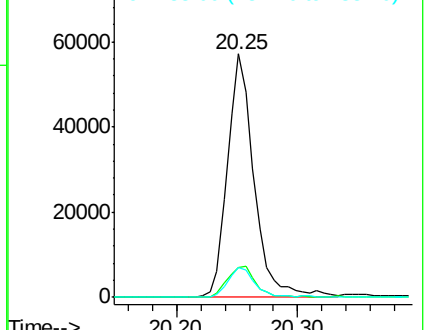


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 43.959 ng

RT: 20.44 min Scan# 2920

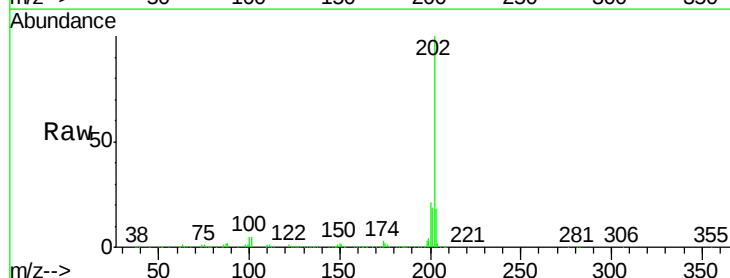
Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Tgt Ion:202 Resp: 729261

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.4	13.9	20.9

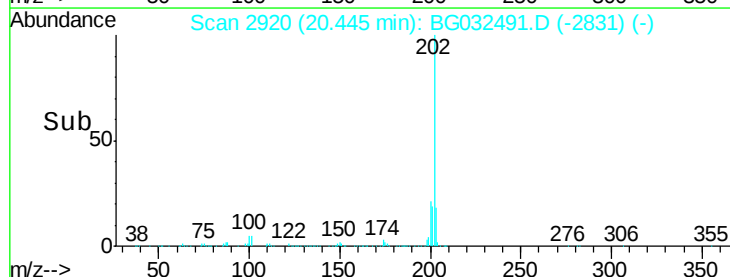
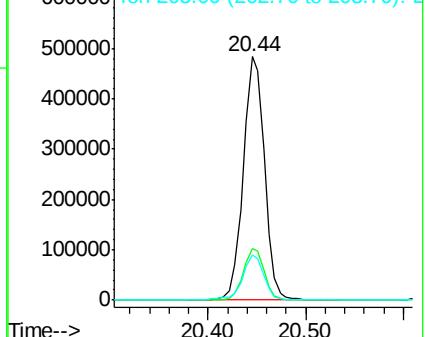


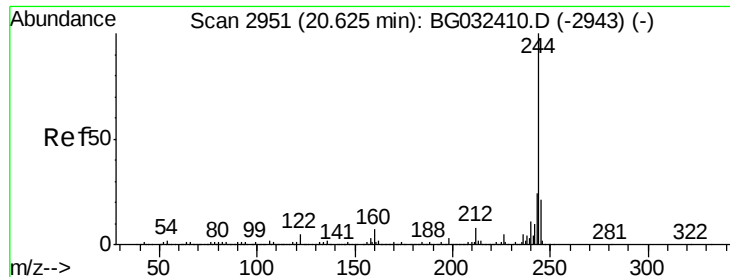
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 97.708 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

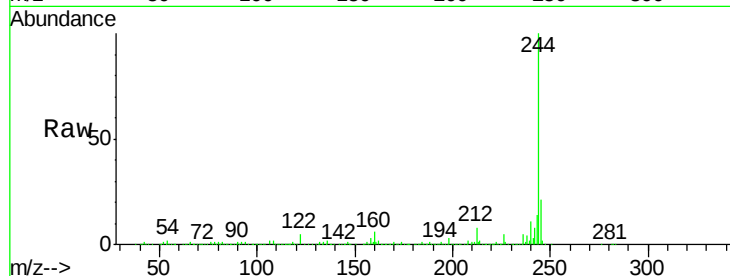
Tot Ion:244 Resp: 1233738

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	4.9	7.0	10.4

244 100

212 7.5 5.8 8.8

122 4.9 7.0 10.4



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

1000000

800000

600000

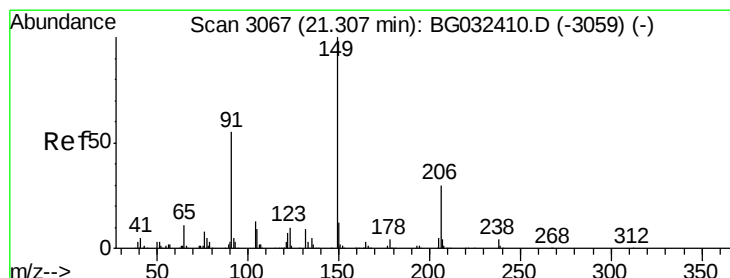
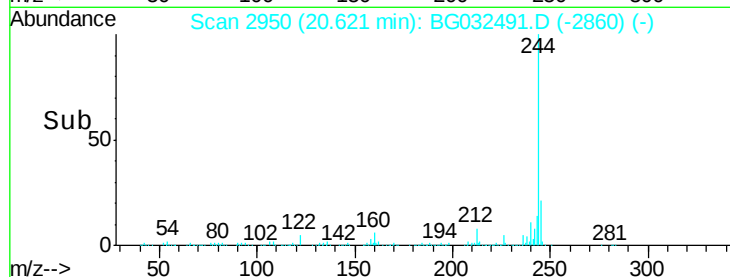
400000

200000

0

20.62

Time--> 20.50 20.60 20.70



#79

Butylbenzylphthalate

Concen: 47.559 ng

RT: 21.30 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

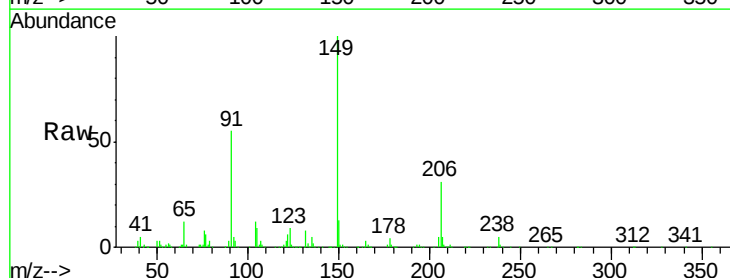
Tgt Ion:149 Resp: 248861

Ion	Ratio	Lower	Upper
149	100		
91	54.5	62.2	93.2
206	30.7	18.6	27.8

149 100

91 54.5 62.2 93.2

206 30.7 18.6 27.8



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

250000

200000

150000

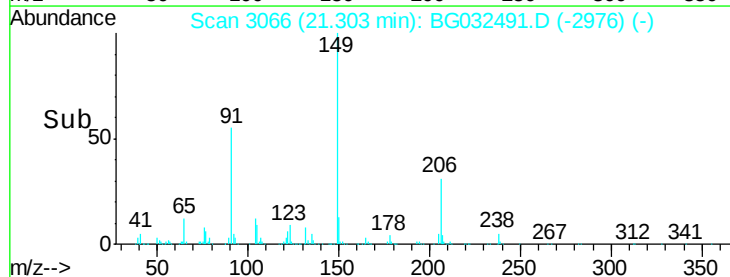
100000

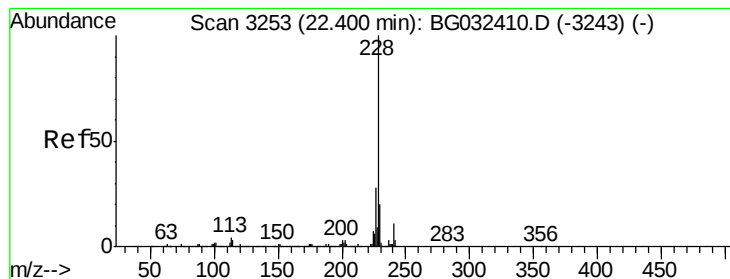
50000

0

21.30

Time--> 21.20 21.25 21.30 21.35





#80

Benzo(a)anthracene

Concen: 46.944 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

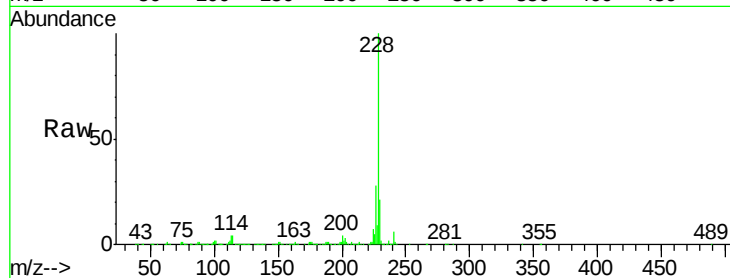
Tot Ion:228 Resp: 787167

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	21.0	16.2	24.2

228 100

226 27.9 22.7 34.1

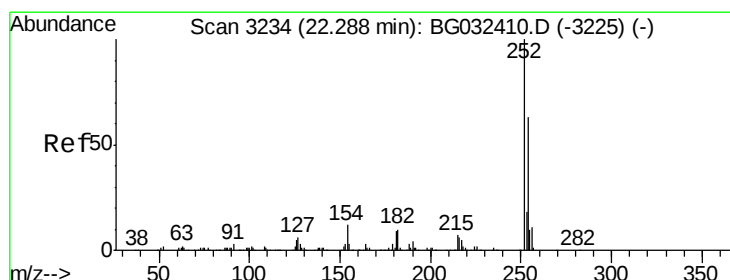
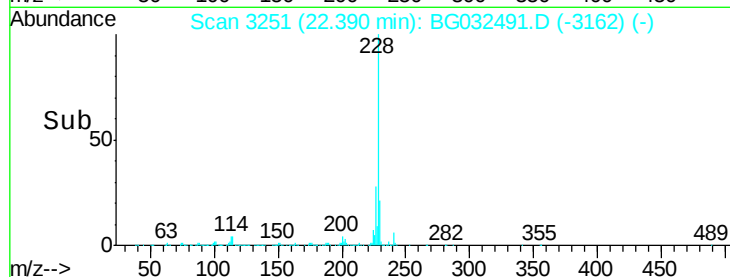
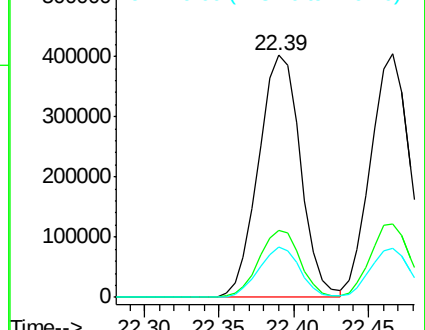
229 21.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 16.744 ng

RT: 22.28 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

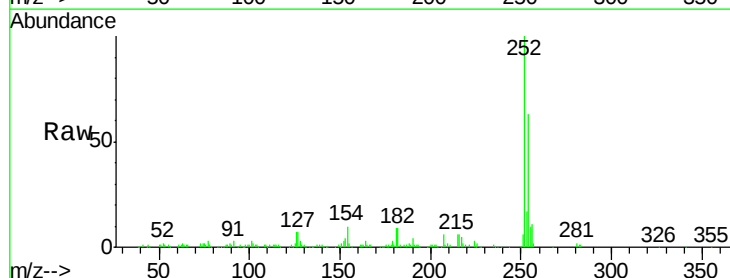
Tgt Ion:252 Resp: 108780

Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.8	76.2
126	6.9	7.4	11.2#

252 100

254 62.9 50.8 76.2

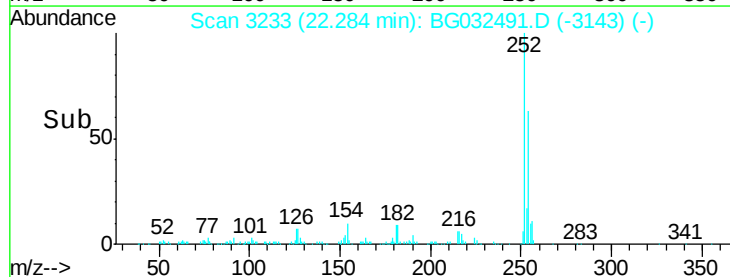
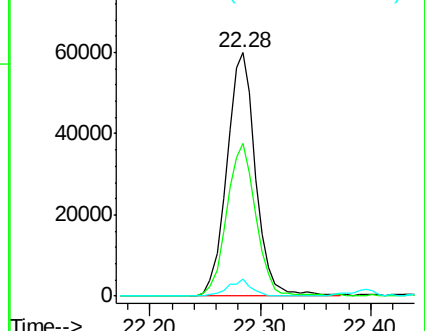
126 6.9 7.4 11.2#

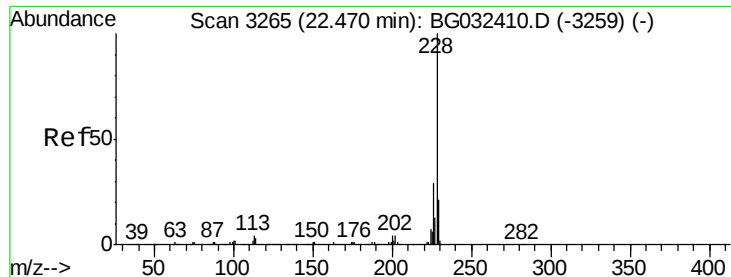


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.353 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

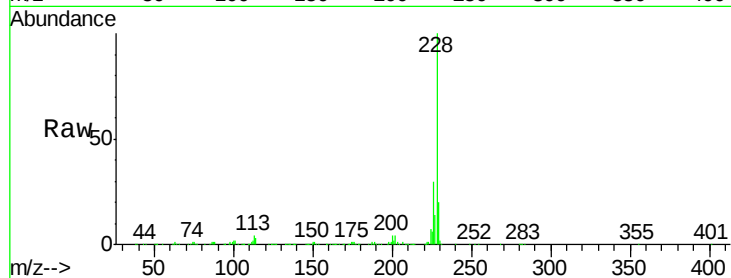
Tot Ion:228 Resp: 734427

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

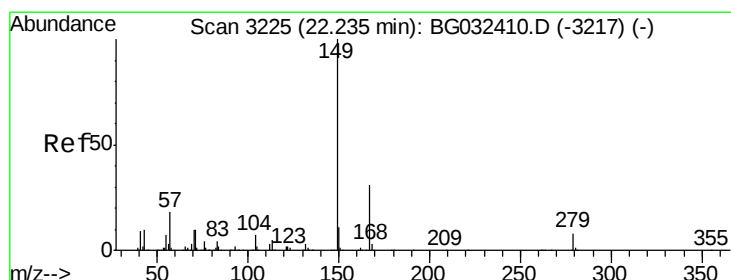
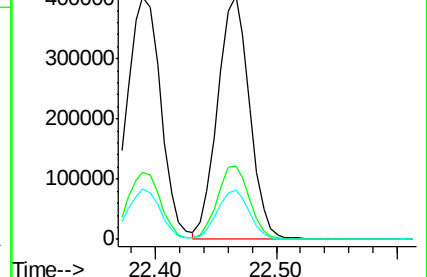
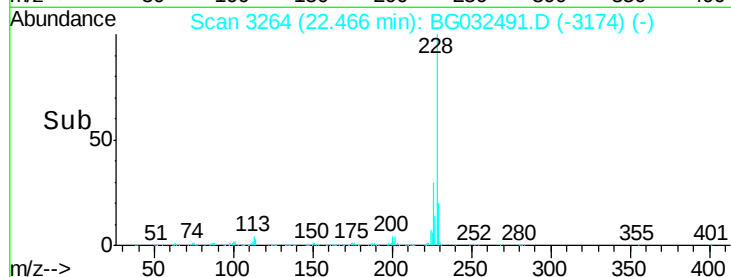
229 20.0 15.0 22.4



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: 47.456 ng

RT: 22.23 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

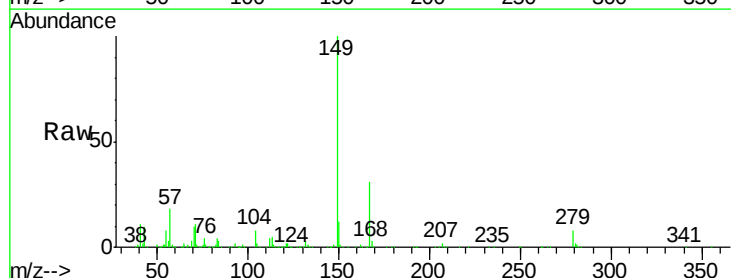
Tgt Ion:149 Resp: 352096

Ion Ratio Lower Upper

149 100

167 31.0 24.3 36.5

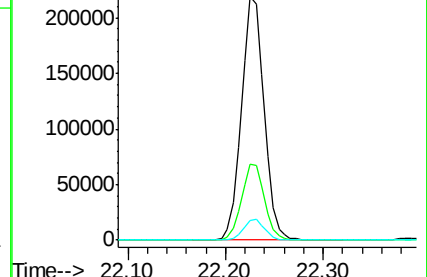
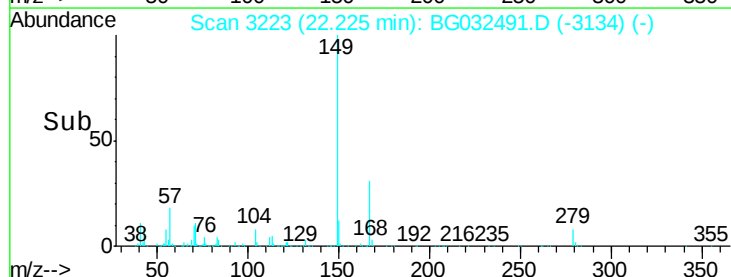
279 7.9 4.0 6.0#

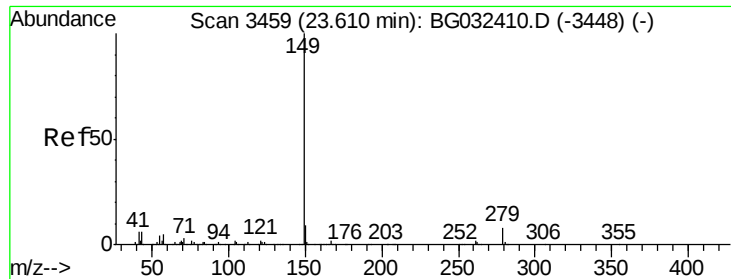


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.118 ng

RT: 23.59 min Scan# 3456

Delta R.T. -0.02 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

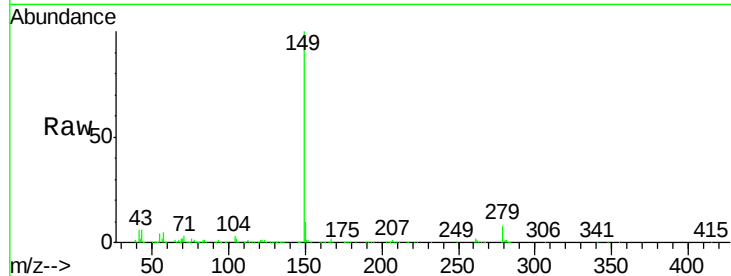
Tot Ion:149 Resp: 613332

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

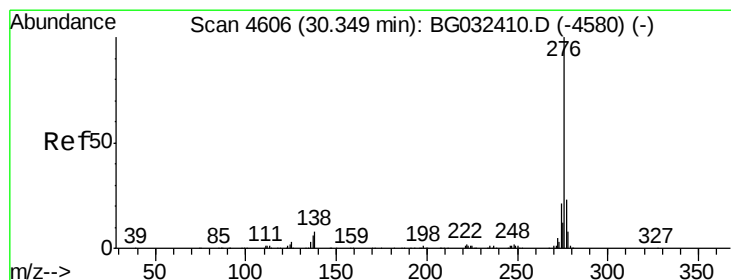
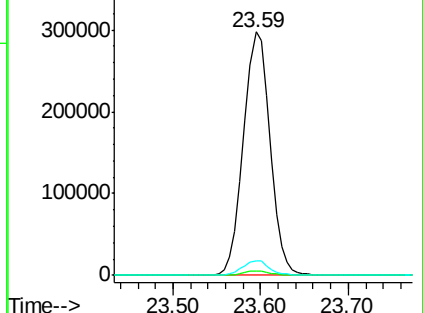
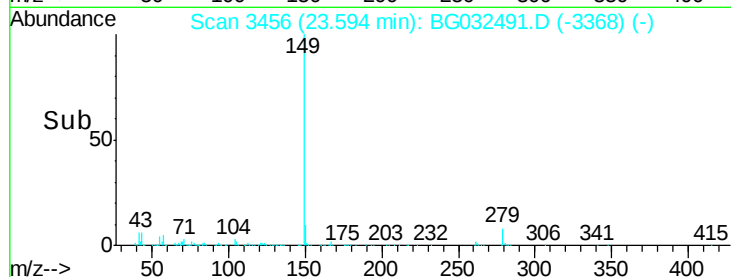
43 5.9 8.9 13.3#



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): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 48.445 ng

RT: 30.35 min Scan# 4606

Delta R.T. 0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

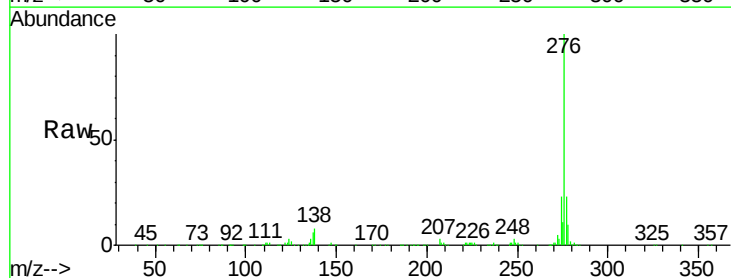
Tgt Ion:276 Resp: 992421

Ion Ratio Lower Upper

276 100

138 4.4 16.0 24.0#

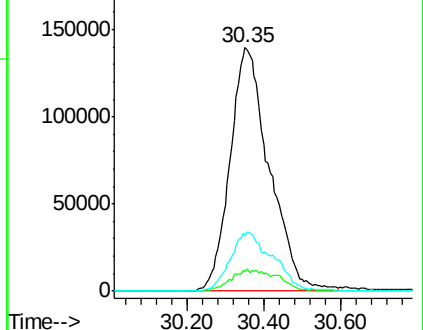
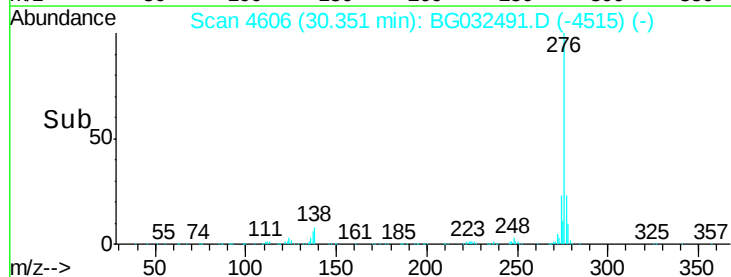
277 26.0 20.0 30.0

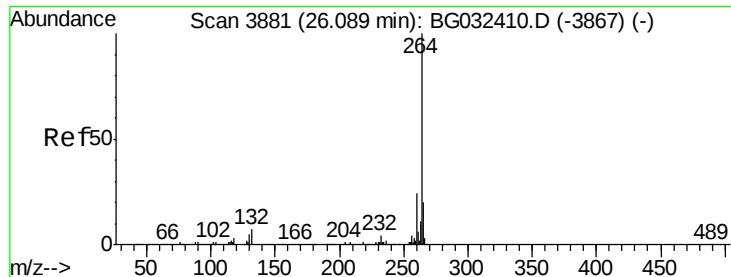


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

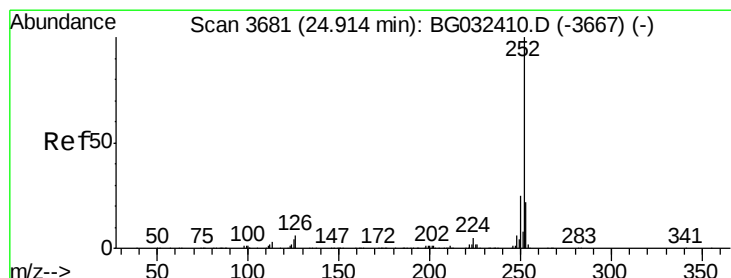
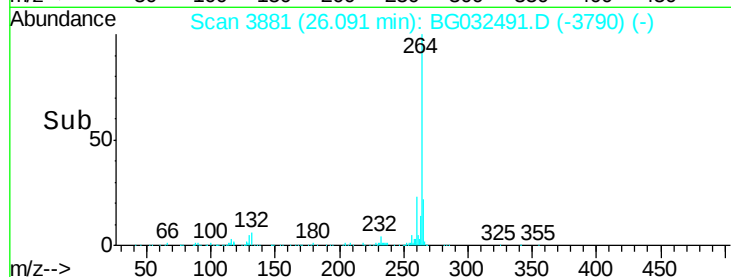
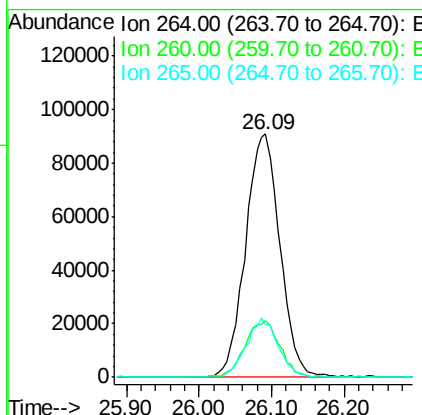
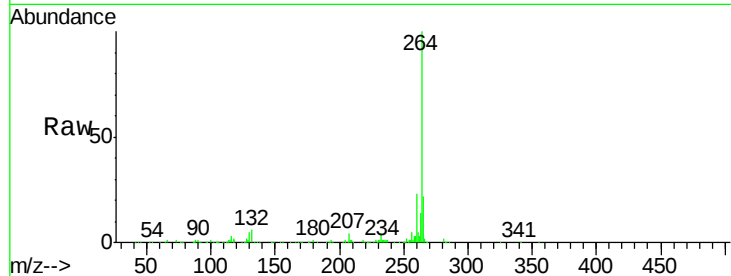




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3881
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

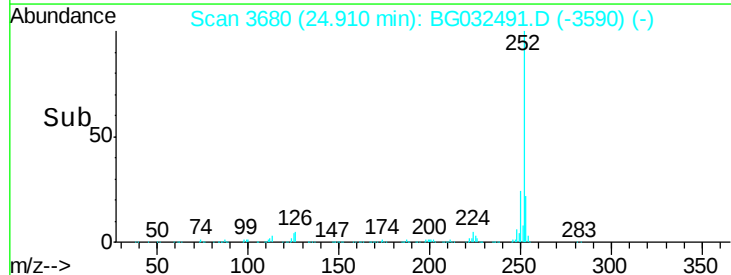
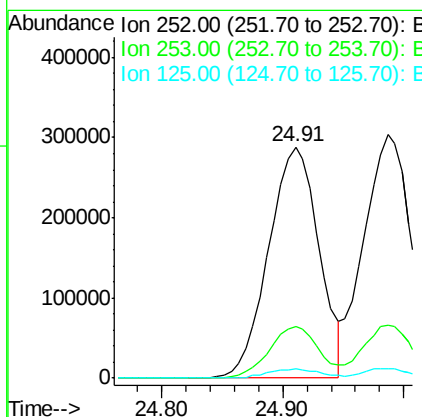
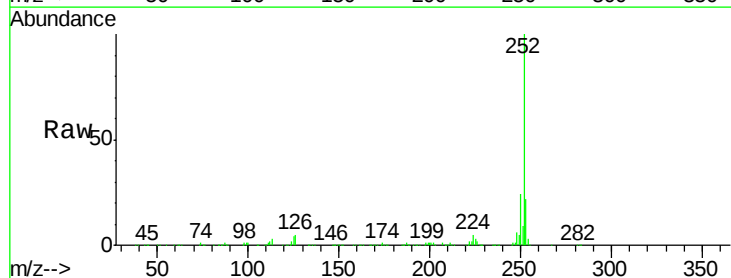
Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

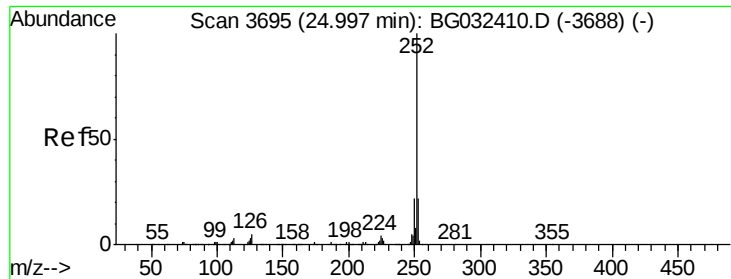
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.8	17.7	26.5



#87
Benzo(b)fluoranthene
Concen: 45.920 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	4.3	7.2	10.8





#88

Benzo(k)fluoranthene

Concen: 46.336 ng

RT: 24.99 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MSD

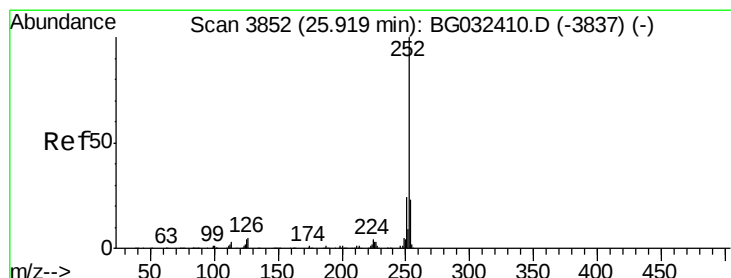
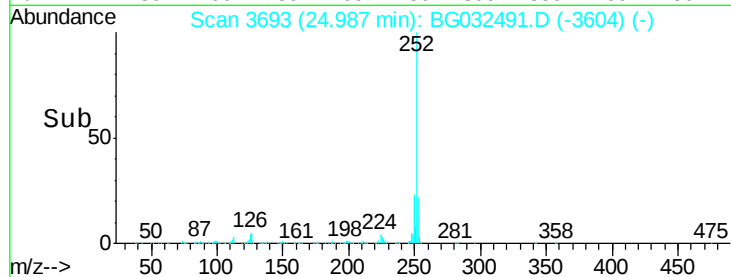
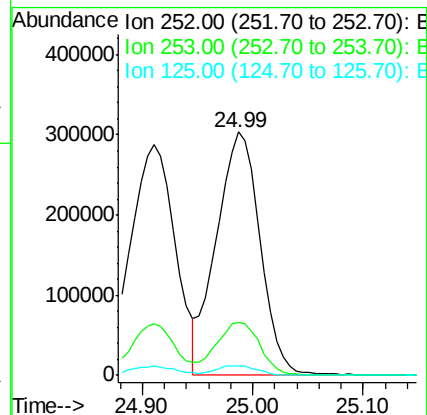
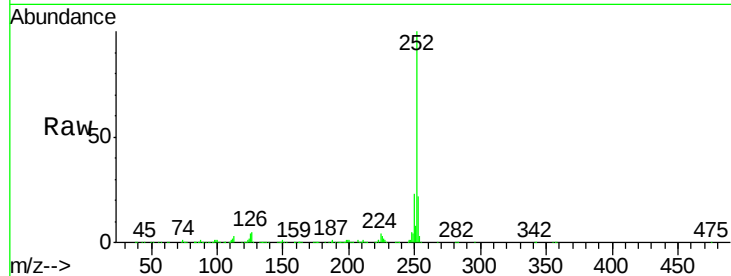
Tot Ion:252 Resp: 831559

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 3.9 6.6 9.8#



#89

Benzo(a)pyrene

Concen: 47.236 ng

RT: 25.91 min Scan# 3851

Delta R.T. -0.00 min

Lab File: BG032491.D

Acq: 1 Feb 2018 15:49

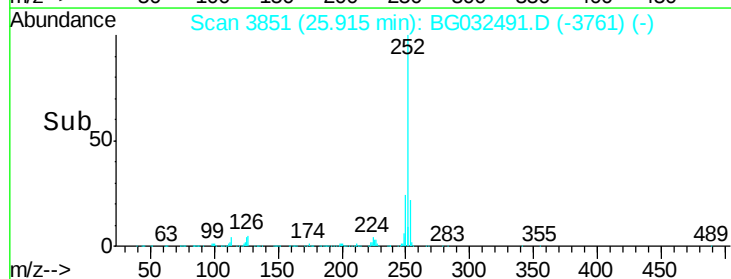
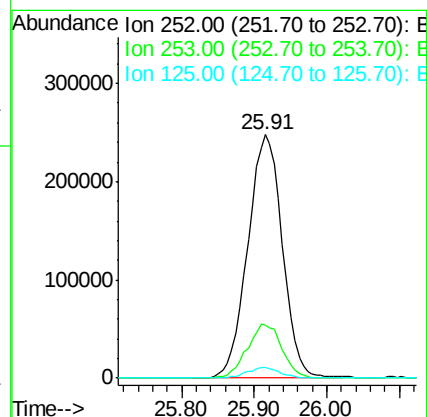
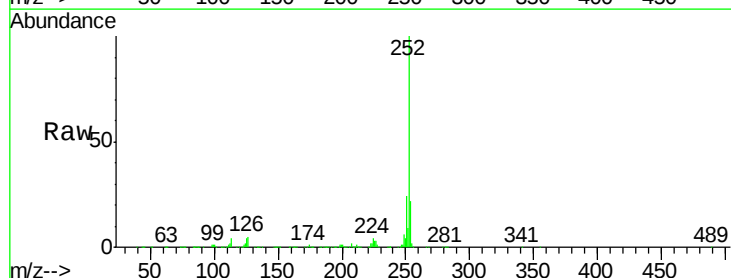
Tgt Ion:252 Resp: 815807

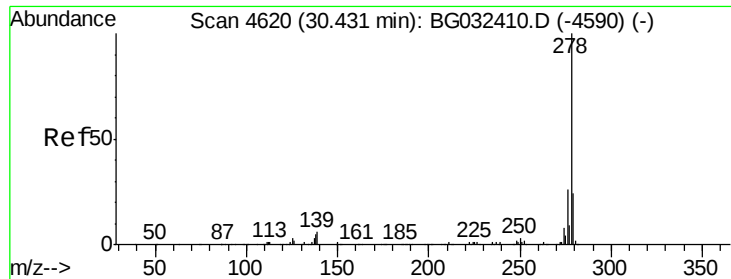
Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

125 4.2 7.3 10.9#



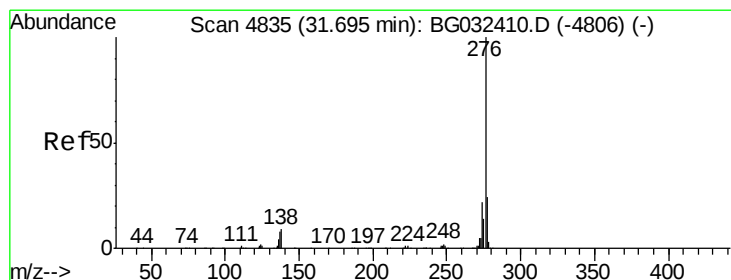
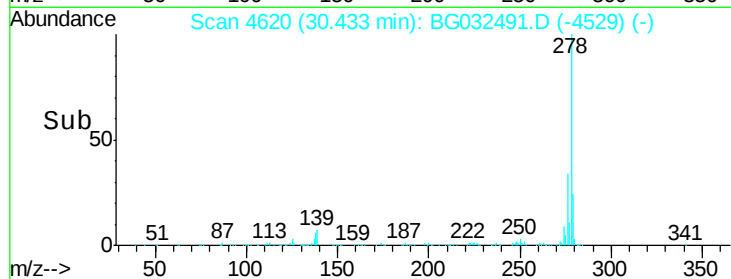
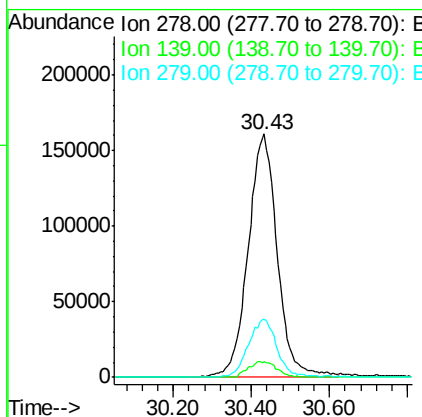
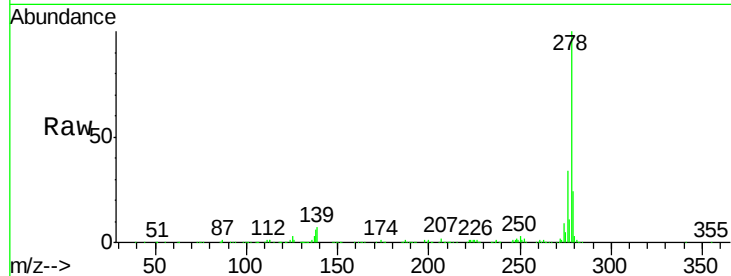


#90
Dibenzo(a,h)anthracene
Concen: 47.290 ng
RT: 30.43 min Scan# 4620
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tot Ion:278 Resp: 835502

Ion	Ratio	Lower	Upper
278	100		
139	6.5	9.8	14.6#
279	24.0	18.4	27.6



#91
Benzo(g,h,i)perylene
Concen: 45.492 ng
RT: 31.69 min Scan# 4834
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:276 Resp: 797789

Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.3	27.5
138	8.2	13.9	20.9#

