

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041342.D
 Acq On : 20 Jun 2019 1:49
 Operator : HP/JU
 Sample : K3163-10MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 02:27:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40743	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	155941	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	107122	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	259204	20.00	ng	0.00
76) Chrysene-d12	21.75	240	244765	20.00	ng	0.00
87) Perylene-d12	25.06	264	237698	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	283182	127.71	ng	0.00
7) Phenol-d6	7.24	99	382663	119.06	ng	0.00
23) Nitrobenzene-d5	9.27	82	320435	86.42	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	224419	136.46	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	719649	91.31	ng	0.00
79) Terphenyl-d14	20.06	244	1157223	93.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	29774	26.777	ng	# 12
3) Pyridine	3.91	79	57270	19.415	ng	94
4) n-Nitrosodimethylamine	3.81	42	54624	34.725	ng	99
6) Aniline	7.42	93	35651	7.980	ng	99
8) 2-Chlorophenol	7.64	128	103417	39.692	ng	98
9) Benzaldehyde	7.22	77	70829	34.453	ng	94
10) Phenol	7.27	94	121858	35.256	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	95622	36.462	ng	99
12) 1,3-Dichlorobenzene	7.97	146	117462	36.006	ng	93
13) 1,4-Dichlorobenzene	8.12	146	122416	36.735	ng	95
14) 1,2-Dichlorobenzene	8.44	146	115634	36.329	ng	98
15) Benzyl Alcohol	8.33	79	105900	34.389	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	149464	34.815	ng	98
17) 2-Methylphenol	8.53	107	93754	37.941	ng	95
18) Hexachloroethane	9.16	117	43650	33.055	ng	99
19) n-Nitroso-di-n-propylamine	8.89	70	92288	35.501	ng	97
20) 3+4-Methylphenols	8.86	107	125458	38.139	ng	95
22) Acetophenone	8.91	105	179536	39.564	ng	# 97
24) Nitrobenzene	9.31	77	151828	40.714	ng	97
25) Isophorone	9.82	82	260049	38.228	ng	100
26) 2-Nitrophenol	10.02	139	63802	42.201	ng	96
27) 2,4-Dimethylphenol	10.06	122	101991	45.005	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	135443	38.212	ng	98
29) 2,4-Dichlorophenol	10.55	162	123813	44.062	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	141884	39.426	ng	98
31) Naphthalene	10.96	128	350147	41.314	ng	99
32) Benzoic acid	10.21	122	46779	31.709	ng	98
33) 4-Chloroaniline	11.08	127	22584	6.274	ng	# 89
34) Hexachlorobutadiene	11.21	225	107131	37.503	ng	99
35) Caprolactam	11.87	113	22934	23.708	ng	99
36) 4-Chloro-3-methylphenol	12.19	107	131754	40.593	ng	95
37) 2-Methylnaphthalene	12.56	142	255878	40.992	ng	98
38) 1-Methylnaphthalene	12.77	142	242835	40.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	193383	43.718	ng	99

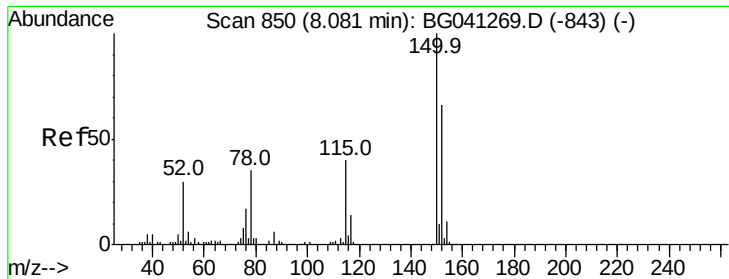
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041342.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	56562	18.983	ng	96
43) 2,4,6-Trichlorophenol	13.16	196	117165	42.818	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	123354	43.812	ng	98
46) 1,1'-Biphenyl	13.55	154	345662	42.683	ng	97
47) 2-Chloronaphthalene	13.60	162	287947	41.299	ng	98
48) 2-Nitroaniline	13.81	65	101664	39.814	ng	93
49) Acenaphthylene	14.45	152	439071	41.500	ng	99
50) Dimethylphthalate	14.17	163	361775	37.957	ng	98
51) 2,6-Dinitrotoluene	14.30	165	80762	40.186	ng	96
52) Acenaphthene	14.78	154	256234	41.243	ng	99
53) 3-Nitroaniline	14.64	138	36728	18.549	ng	98
54) 2,4-Dinitrophenol	14.84	184	29239	23.854	ng	94
55) Dibenzofuran	15.12	168	443587	41.066	ng	100
56) 4-Nitrophenol	14.95	139	111490	74.355	ng	99
57) 2,4-Dinitrotoluene	15.09	165	114407	38.943	ng	96
58) Fluorene	15.76	166	346132	40.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	121398	41.695	ng	99
60) Diethylphthalate	15.52	149	367197	37.903	ng	100
61) 4-Chlorophenyl-phenylether	15.75	204	216648	39.187	ng	99
62) 4-Nitroaniline	15.81	138	75669	35.731	ng	97
63) Azobenzene	16.05	77	342043	39.576	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	25893	15.390	ng	94
66) n-Nitrosodiphenylamine	15.97	169	311288	45.229	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	141481	42.213	ng	95
68) Hexachlorobenzene	16.76	284	145837	40.635	ng	98
69) Atrazine	16.91	200	123995	60.411	ng	98
70) Pentachlorophenol	17.11	266	180035	97.964	ng	96
71) Phenanthrene	17.51	178	584663	42.292	ng	99
72) Anthracene	17.60	178	595798	43.716	ng	99
73) Carbazole	17.87	167	512773	43.010	ng	99
74) Di-n-butylphthalate	18.40	149	606142	40.746	ng	99
75) Fluoranthene	19.51	202	735453	40.045	ng	98
77) Benzidine	19.70	184	42695	7.212	ng	99
78) Pyrene	19.88	202	739118	44.776	ng	99
80) Butylbenzylphthalate	20.74	149	266402	42.667	ng	96
81) Benzo(a)anthracene	21.72	228	714070	43.087	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	185518	31.889	ng	98
83) Chrysene	21.79	228	689700	43.275	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	365375	42.940	ng	99
85) Di-n-octyl phthalate	22.82	149	628565	43.663	ng	100
86) Indeno(1,2,3-cd)pyrene	28.87	276	517383	27.362	ng	# 82
88) Benzo(b)fluoranthene	24.07	252	663210	45.021	ng	98
89) Benzo(k)fluoranthene	24.07	252	663210	45.447	ng	100
90) Benzo(a)pyrene	24.91	252	624922	44.919	ng	99
91) Dibenzo(a,h)anthracene	28.94	278	410968	29.342	ng	96
92) Benzo(g,h,i)perylene	30.08	276	320714	23.170	ng	# 97

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

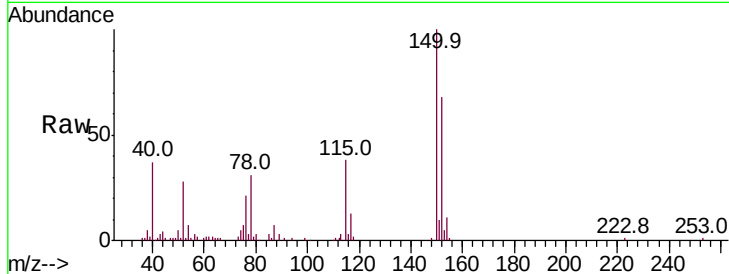


#1

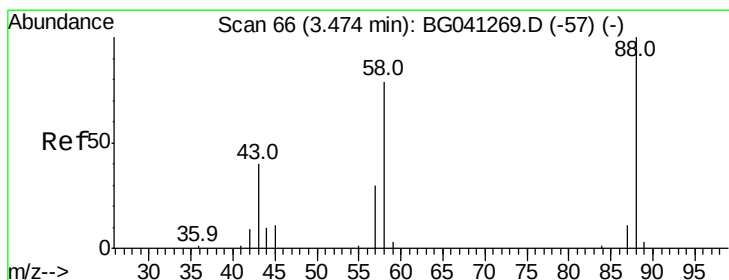
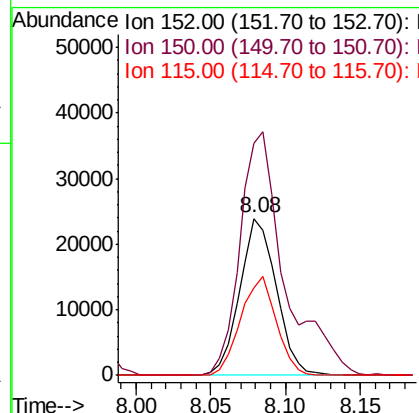
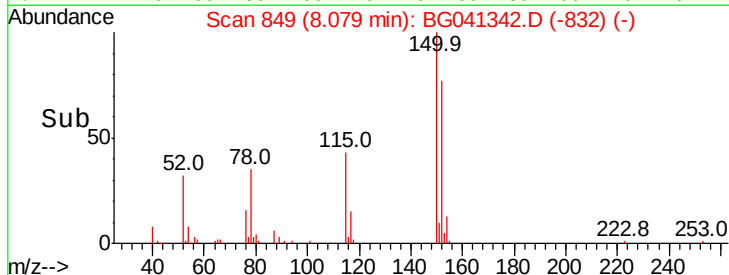
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 40743
Ion Ratio Lower Upper
152 100
150 148.0 120.6 181.0
115 56.1 47.9 71.9



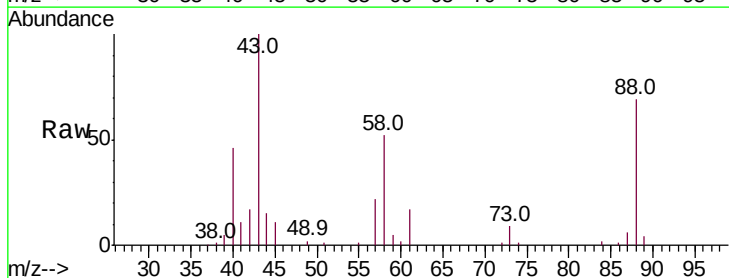
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



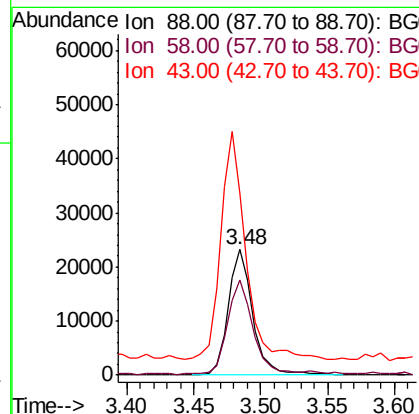
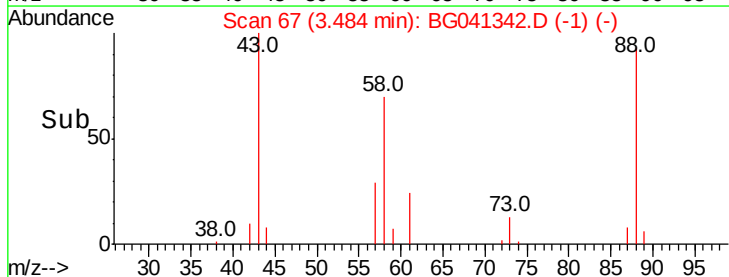
#2

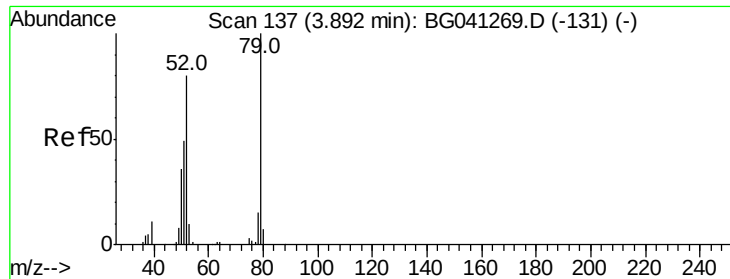
1,4-Dioxane
Concen: 26.777 ng
RT: 3.48 min Scan# 67
Delta R.T. 0.01 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion: 88 Resp: 29774
Ion Ratio Lower Upper
88 100
58 83.2 59.7 89.5
43 184.2 31.9 47.9#



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





#3

Pvridine

Concen: 19.415 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

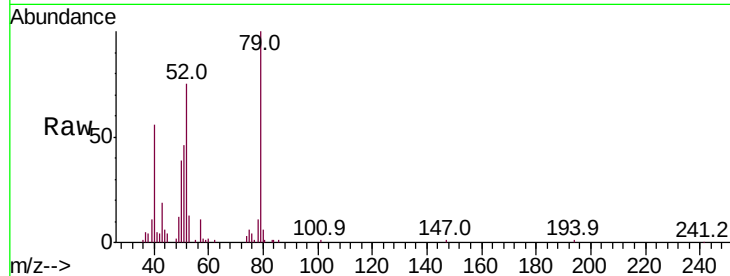
Tot Ion: 79 Resp: 57270

Ion Ratio Lower Upper

79 100

52 74.8 63.6 95.4

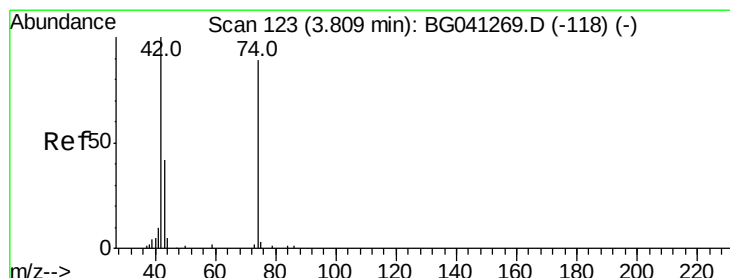
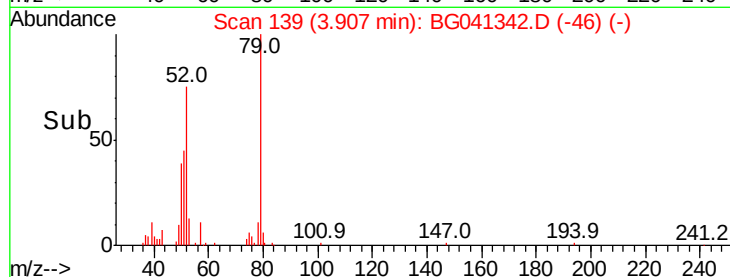
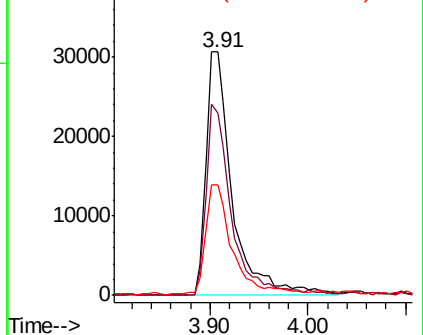
51 45.5 39.8 59.6



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: 34.725 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

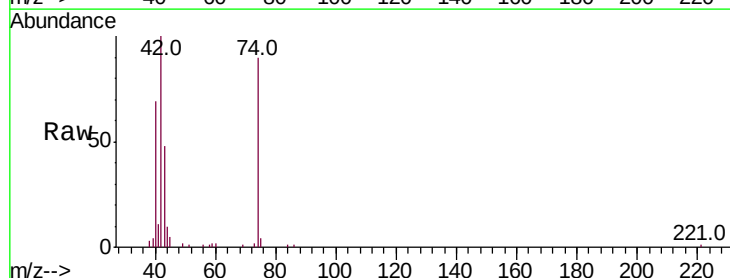
Tgt Ion: 42 Resp: 54624

Ion Ratio Lower Upper

42 100

74 89.7 71.6 107.4

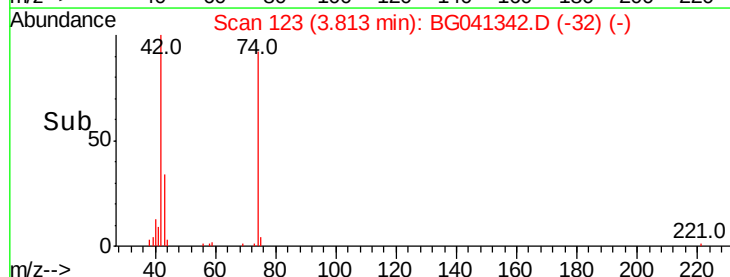
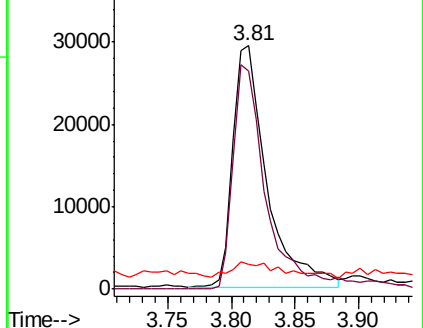
44 10.2 9.0 13.4

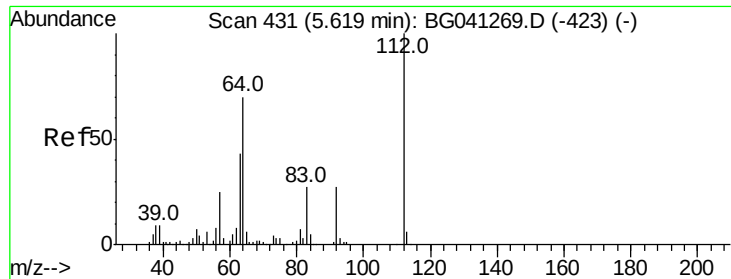


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.709 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

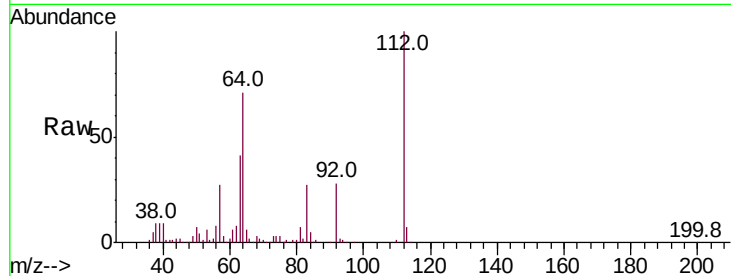
Tot Ion:112 Resp: 283182

Ion Ratio Lower Upper

112 100

64 71.3 55.9 83.9

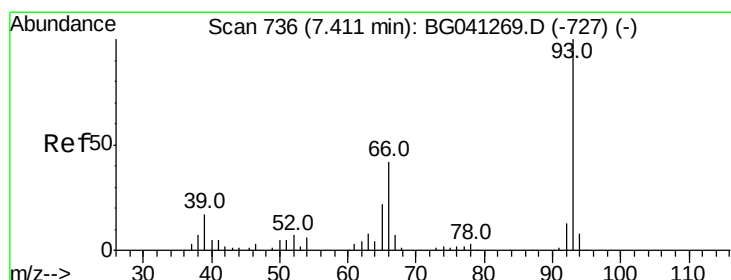
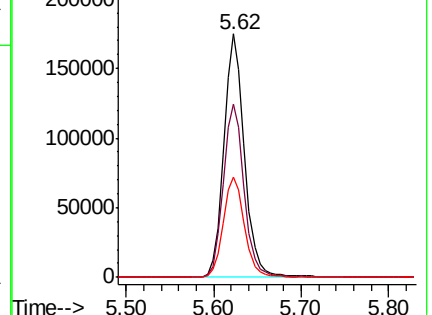
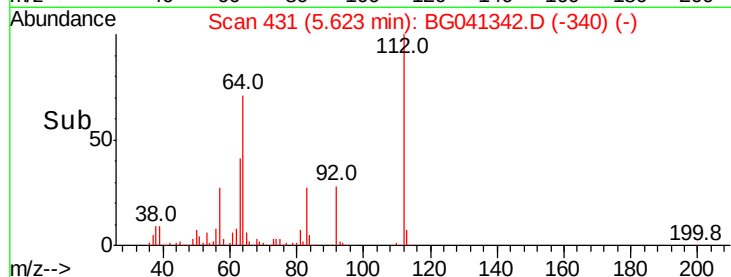
63 41.4 34.6 51.8



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: 7.980 ng

RT: 7.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

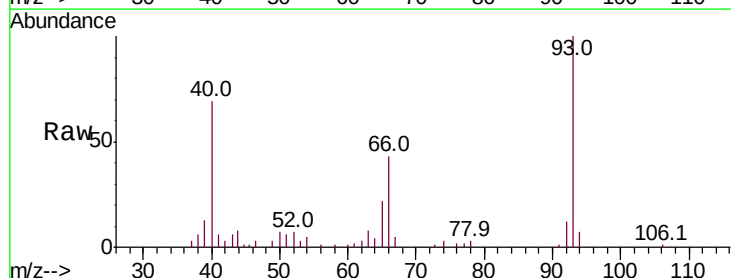
Tgt Ion: 93 Resp: 35651

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.2

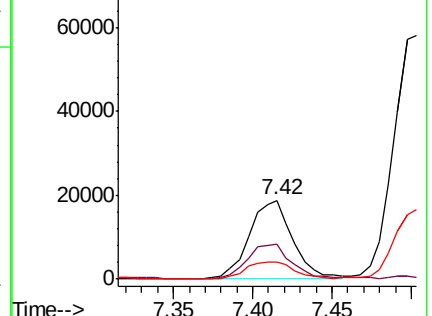
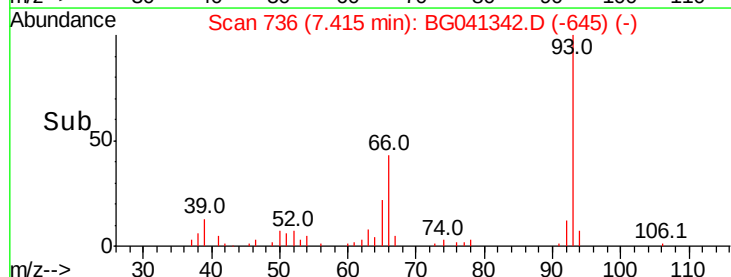
65 21.9 17.7 26.5

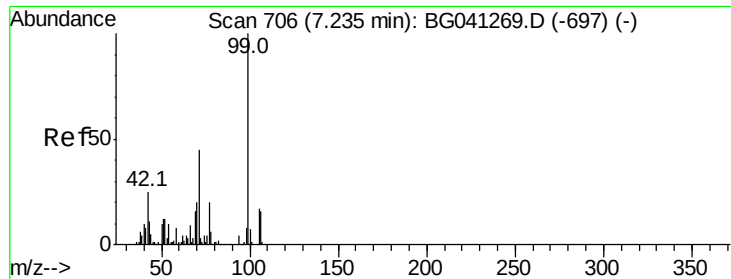


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.056 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

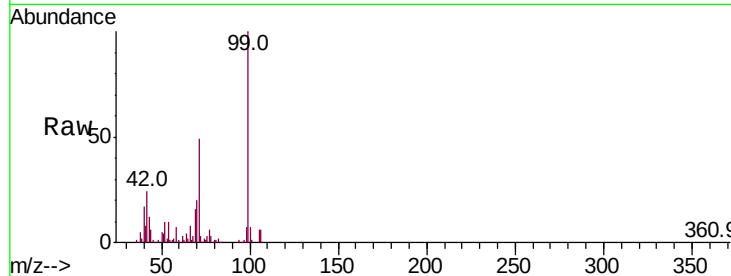
Tot Ion: 99 Resp: 382663

Ion Ratio Lower Upper

99 100

42 24.3 19.9 29.9

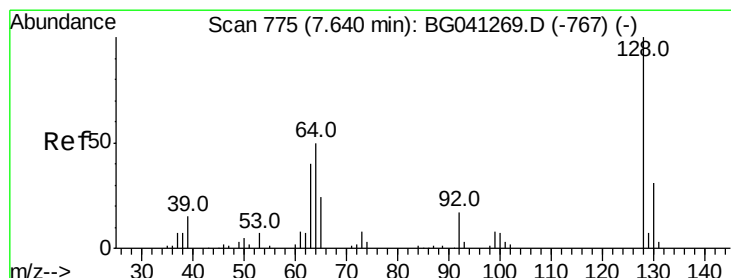
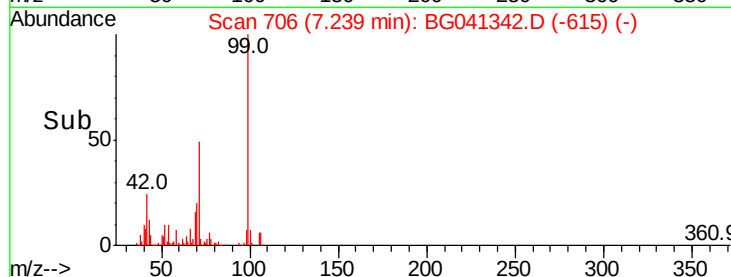
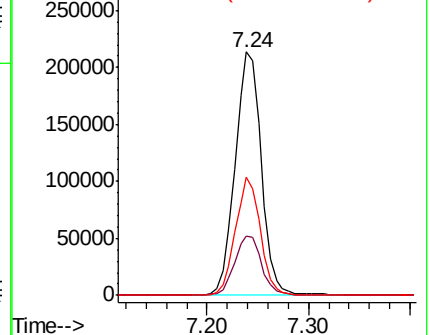
71 48.6 36.4 54.6



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: 39.692 ng

RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

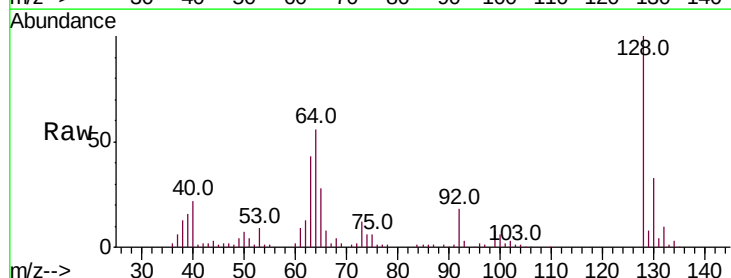
Tgt Ion: 128 Resp: 103417

Ion Ratio Lower Upper

128 100

130 33.3 11.1 51.1

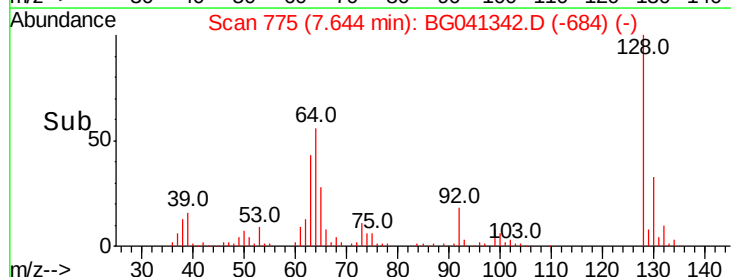
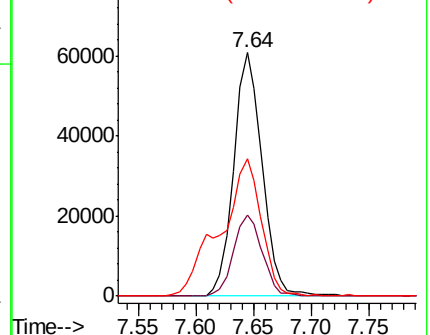
64 56.4 36.6 76.6

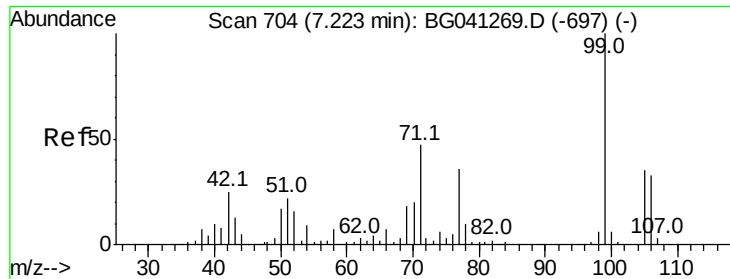


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.453 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampled :

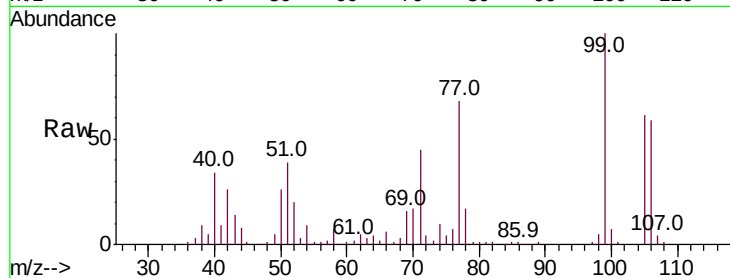
Tot Ion: 77 Resp: 70829

Ion Ratio Lower Upper

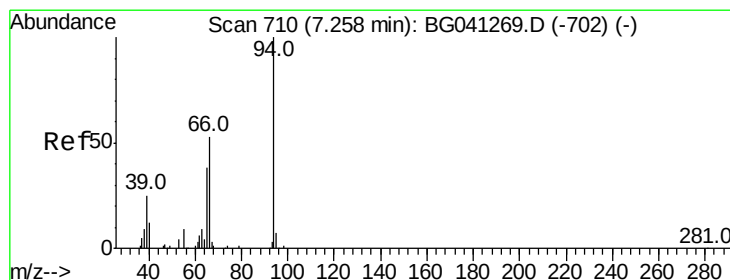
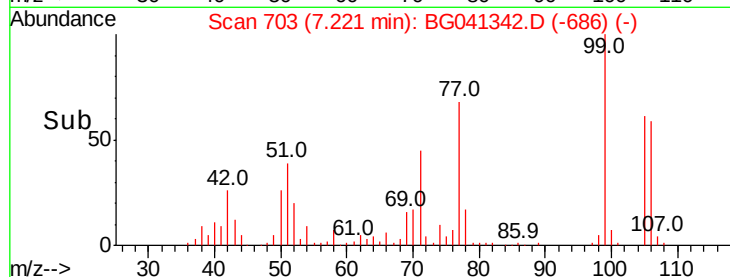
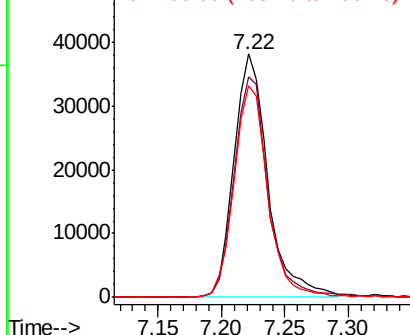
77 100

105 90.6 78.7 118.7

106 86.7 71.1 111.1



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: 35.256 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

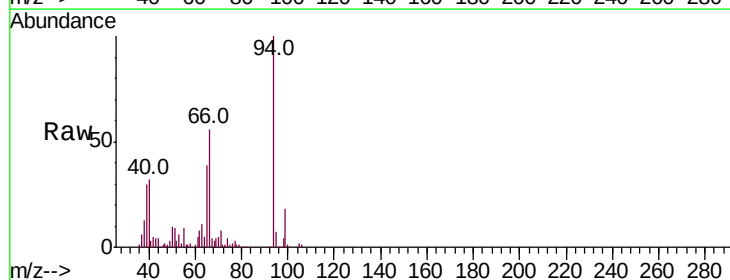
Tgt Ion: 94 Resp: 121858

Ion Ratio Lower Upper

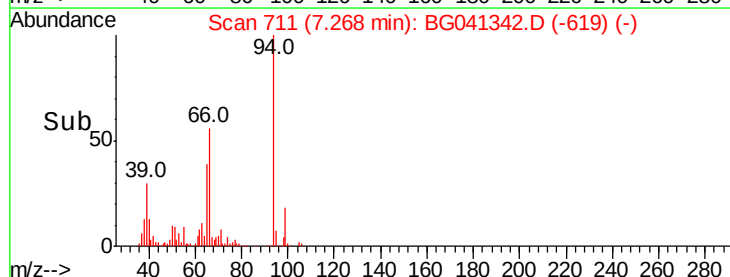
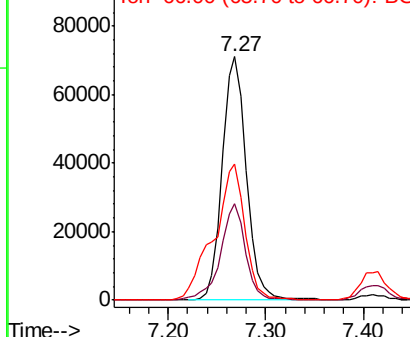
94 100

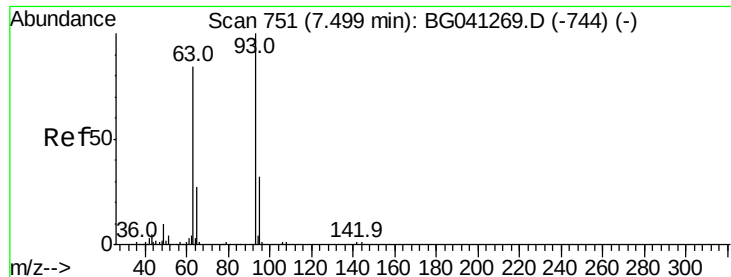
65 39.4 18.7 58.7

66 56.1 35.5 75.5



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

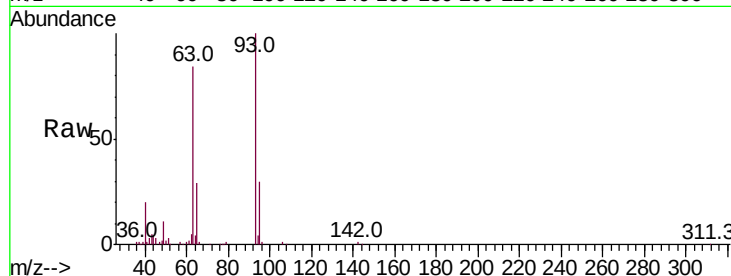




#11
bis(2-Chloroethyl)ether
Concen: 36.462 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.4	63.6	103.6
95	30.0	11.2	51.2

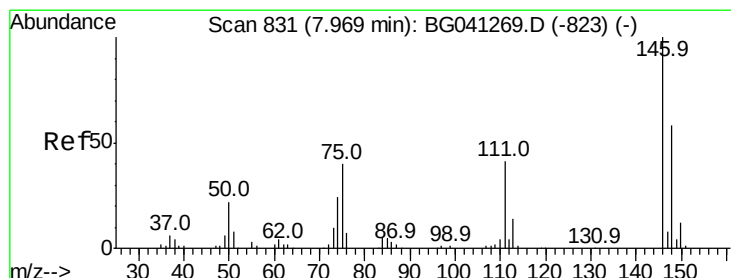
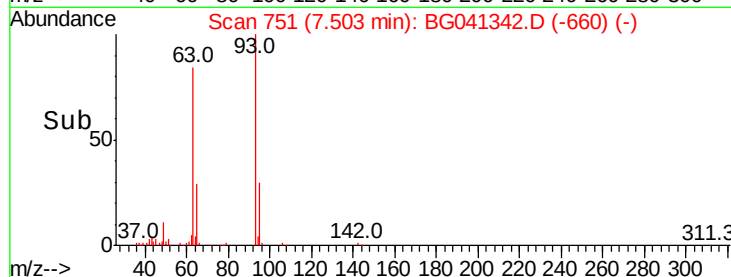
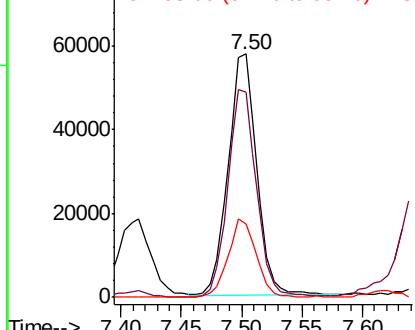


Abundance

Ion 93.00 (92.70 to 93.70): BGC

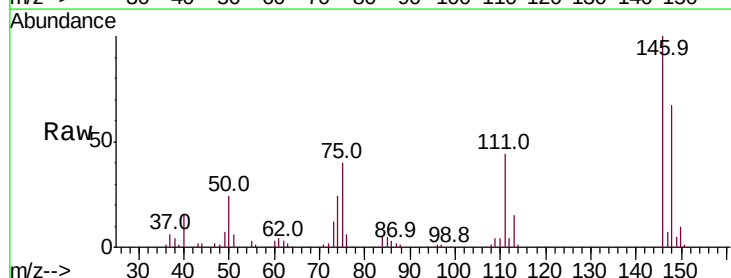
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 36.006 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	46.5	69.7
75	40.3	32.2	48.4

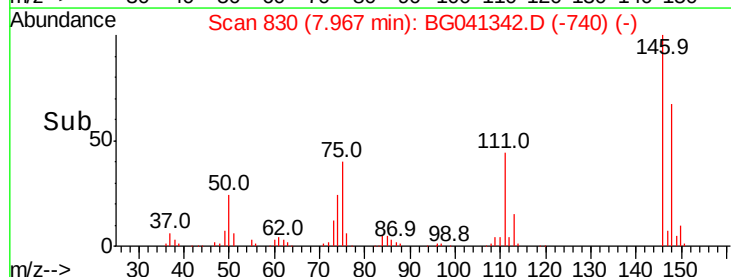
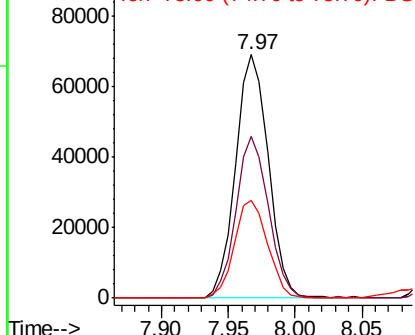


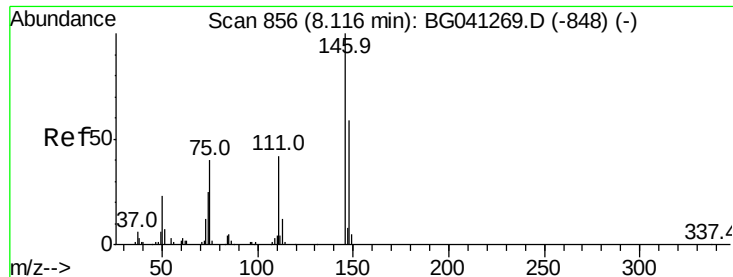
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

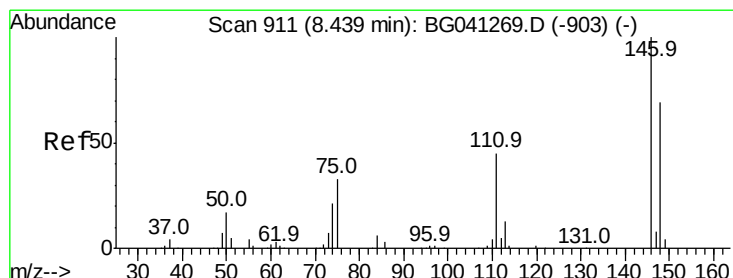
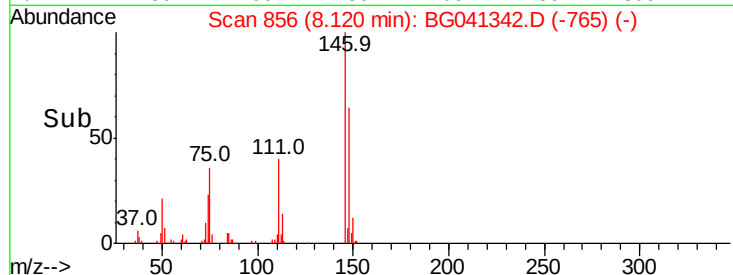
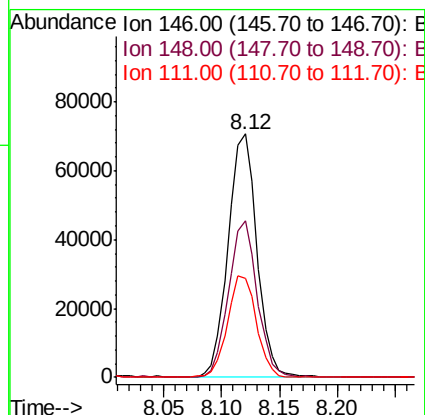
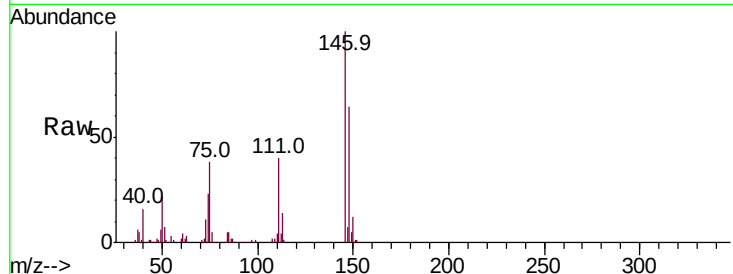




#13
 1,4-Dichlorobenzene
 Concen: 36.735 ng
 RT: 8.12 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

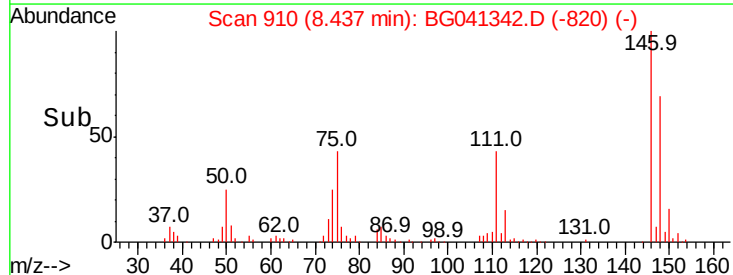
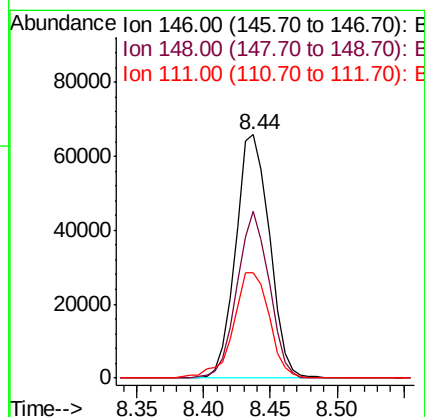
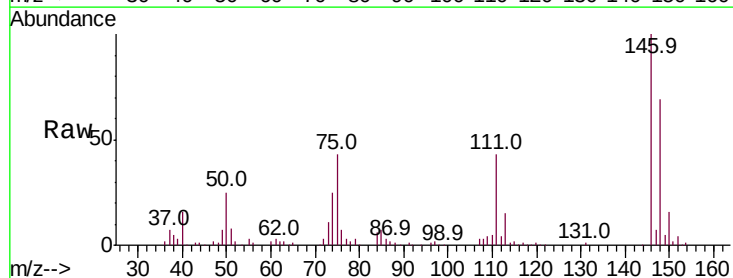
Instrument :
 BNA_G
 ClientSampleId :

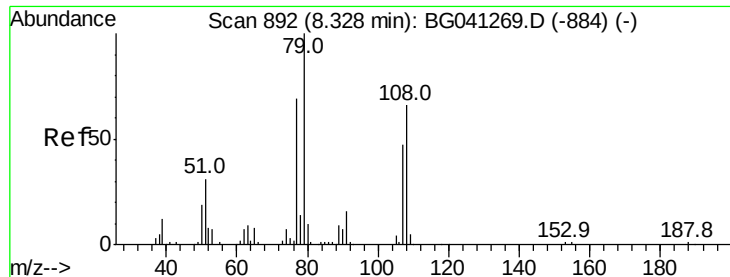
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	47.3	70.9
111	40.5	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 36.329 ng
 RT: 8.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	54.9	82.3
111	43.4	37.0	55.6





#15

Benzyl Alcohol

Concen: 34.389 ng

RT: 8.33 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampled :

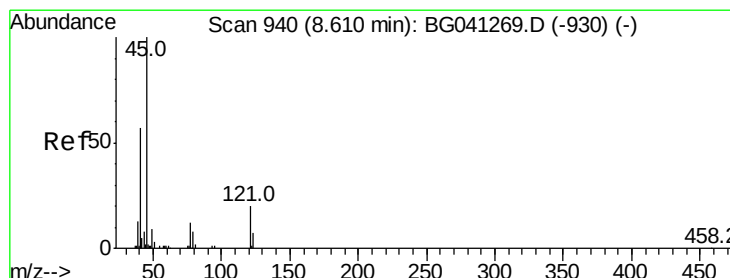
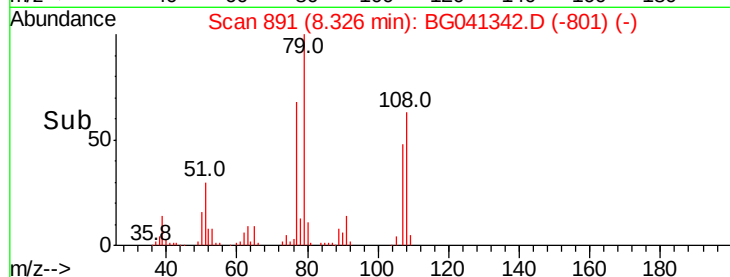
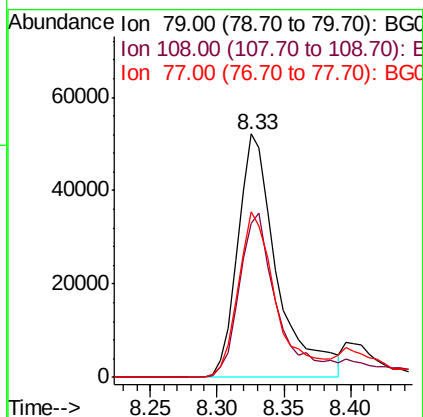
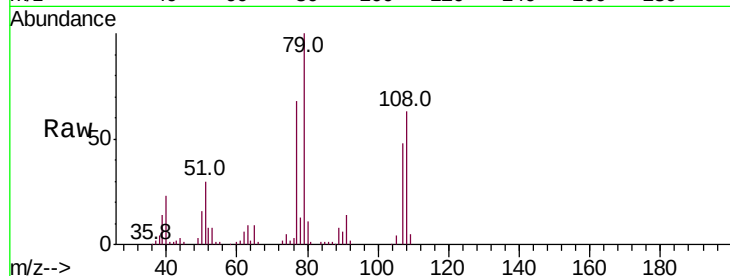
Tot Ion: 79 Resp: 105900

Ion Ratio Lower Upper

79 100

108 63.1 52.7 79.1

77 67.8 55.2 82.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.815 ng

RT: 8.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

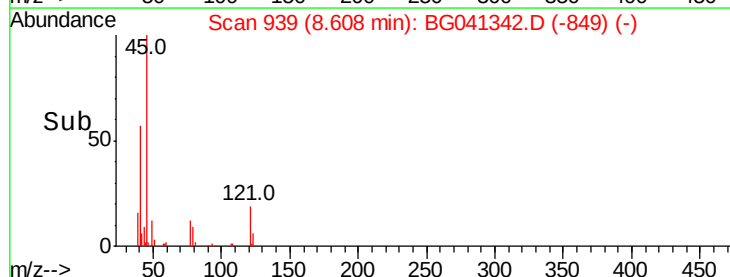
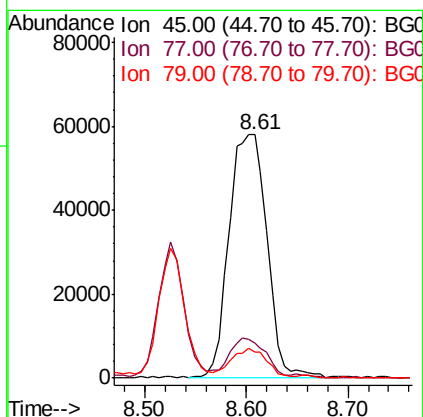
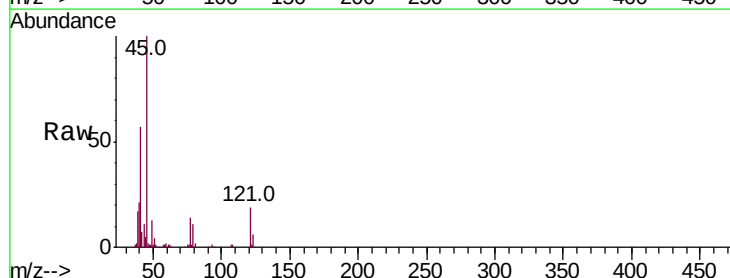
Tgt Ion: 45 Resp: 149464

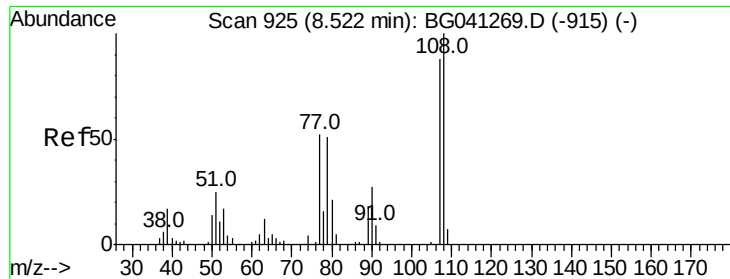
Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.2

79 10.9 0.0 31.6

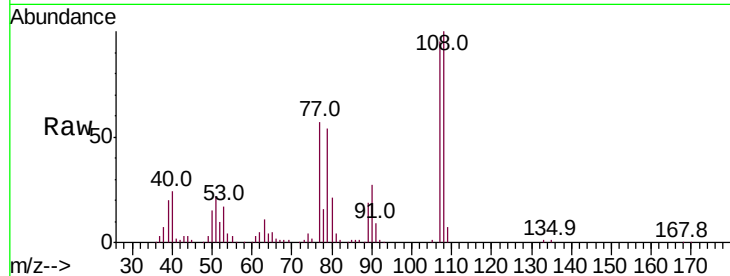




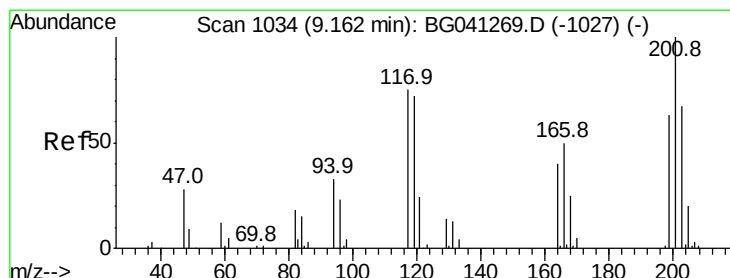
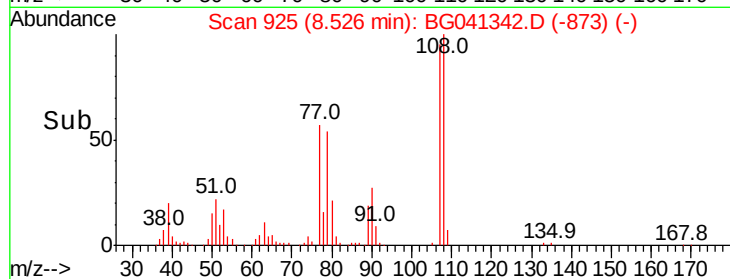
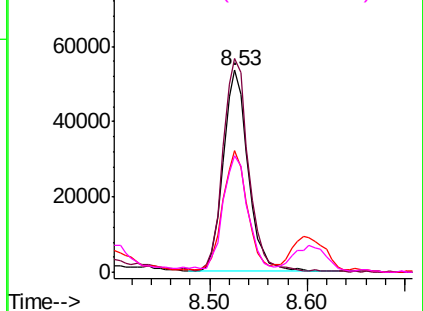
#17
2-Methylphenol
Concen: 37.941 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 93754
Ion Ratio Lower Upper
107 100
108 105.7 91.7 137.5
77 60.3 47.8 71.8
79 57.4 46.8 70.2

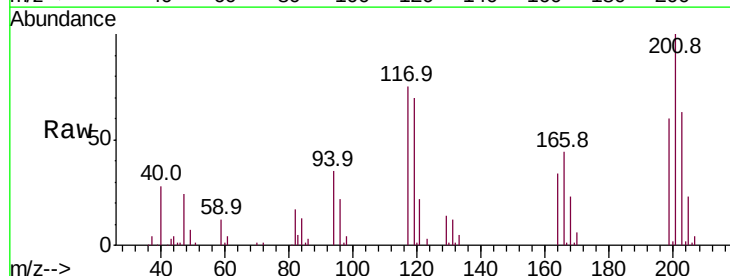


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

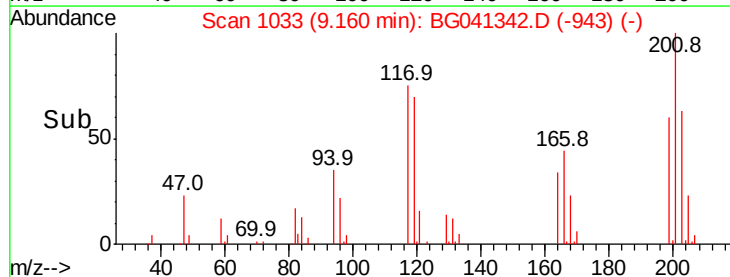
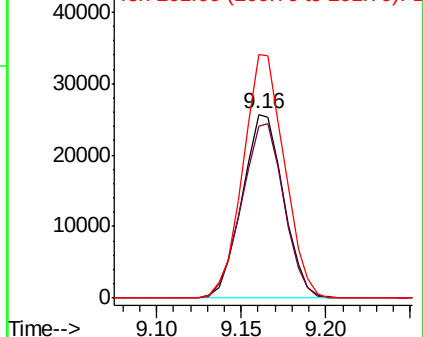


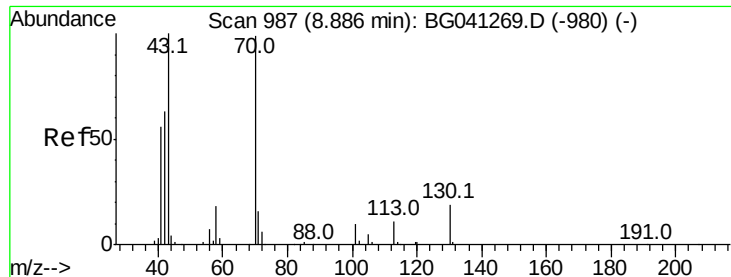
#18
Hexachloroethane
Concen: 33.055 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion:117 Resp: 43650
Ion Ratio Lower Upper
117 100
119 94.7 76.8 115.2
201 132.7 106.3 159.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 35.501 ng

RT: 8.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 92288

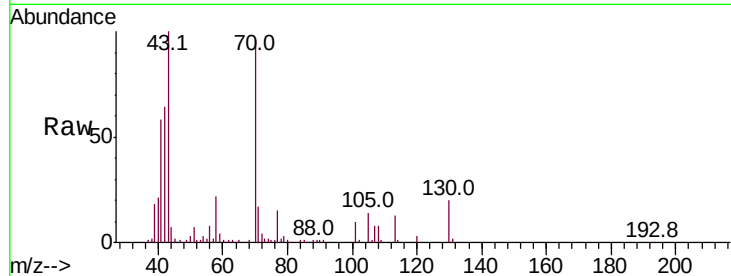
Ion Ratio Lower Upper

70 100

42 66.8 51.4 77.2

101 10.5 8.2 12.2

130 20.4 15.2 22.8

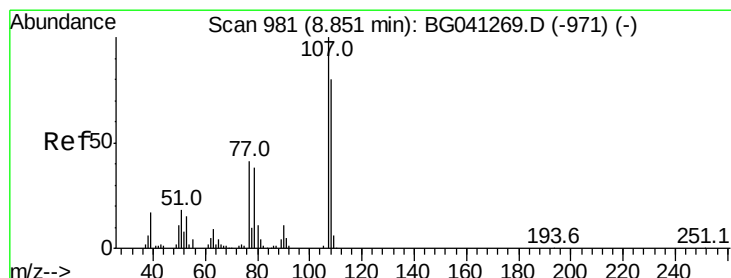
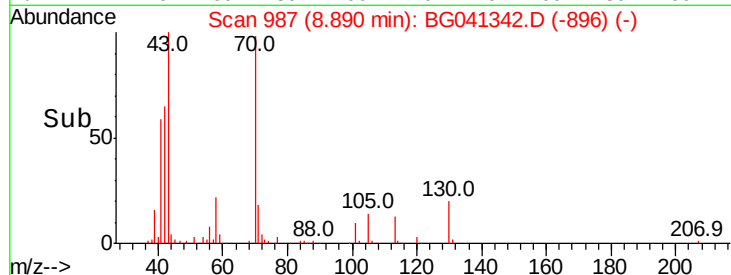
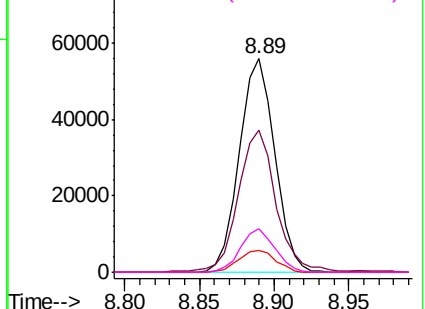


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.139 ng

RT: 8.86 min Scan# 982

Delta R.T. 0.01 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Tgt Ion: 107 Resp: 125458

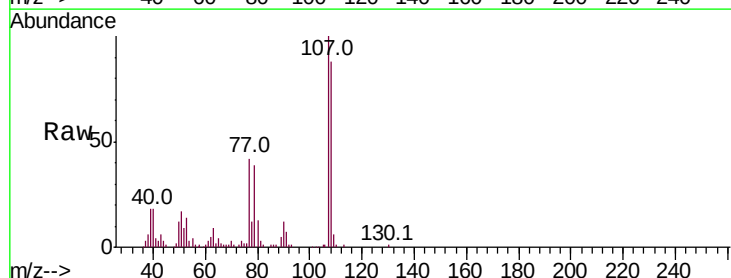
Ion Ratio Lower Upper

107 100

108 87.5 60.4 100.4

77 42.0 21.2 61.2

79 38.7 17.7 57.7

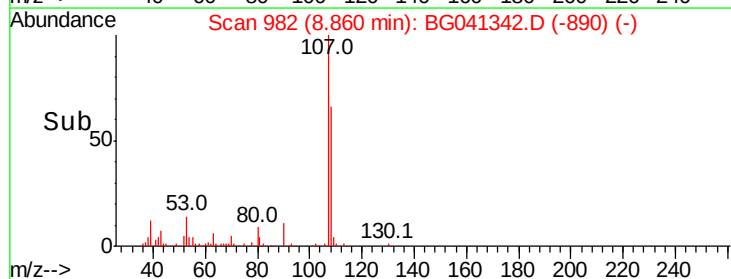
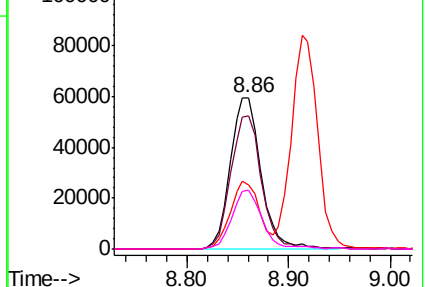


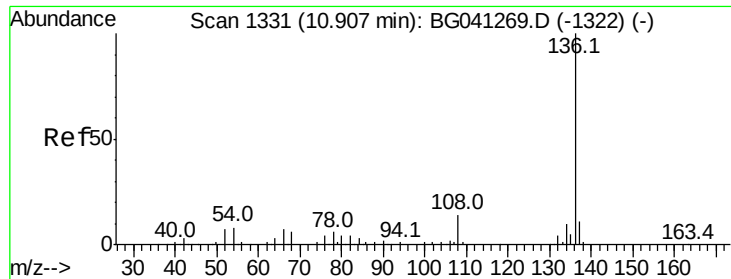
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

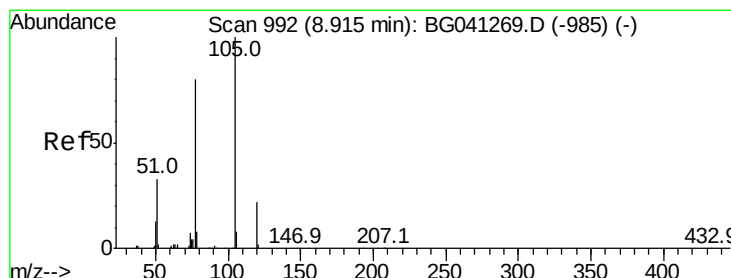
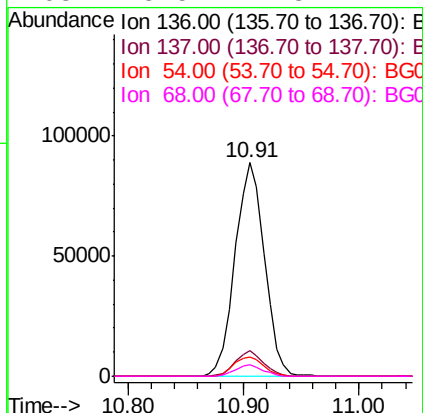
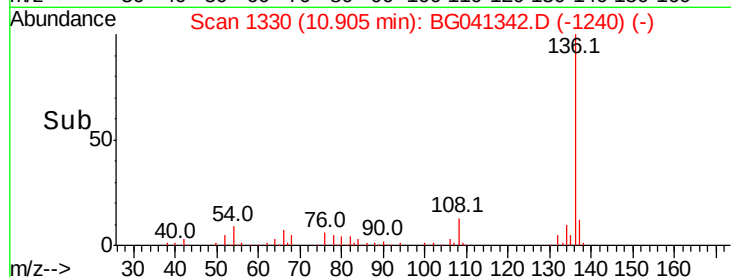
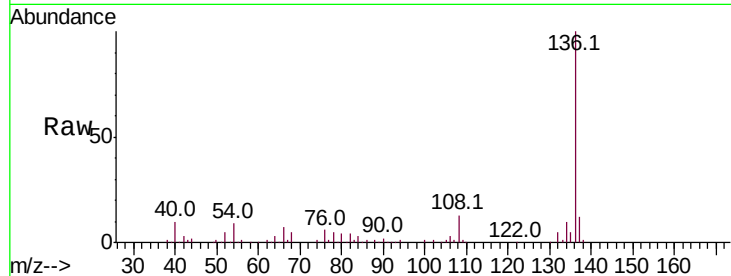




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

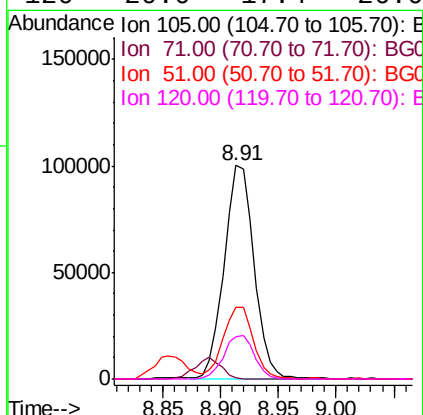
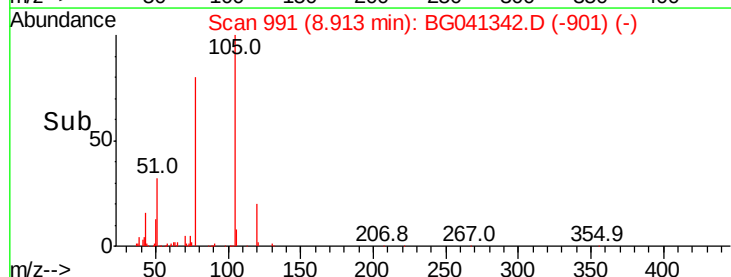
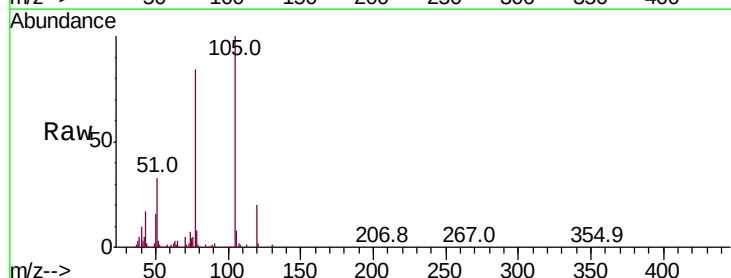
Instrument :
BNA_G
ClientSampleId :

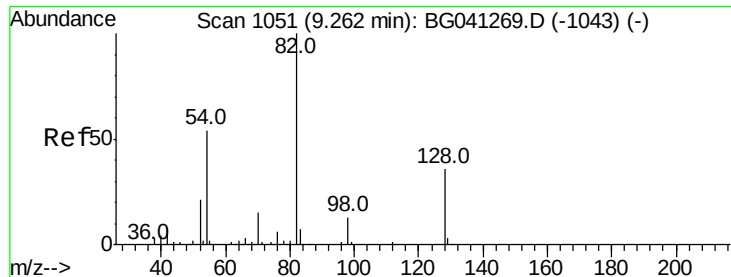
Tot Ion:136	Resp:	155941
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.8 13.2
54	9.2	6.4 9.6
68	5.5	4.8 7.2



#22
Acetophenone
Concen: 39.564 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion:105	Resp:	179536
Ion Ratio	Lower	Upper
105	100	
71	0.9	0.4 0.6#
51	33.4	28.2 42.4
120	20.0	17.4 26.0

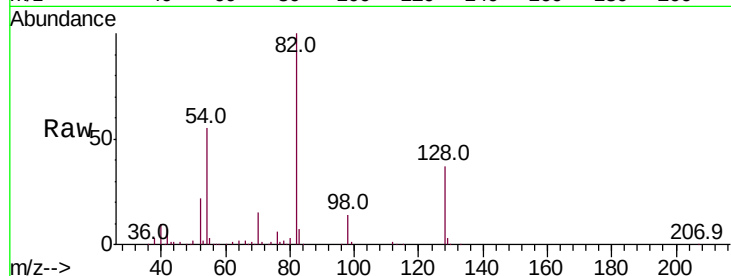




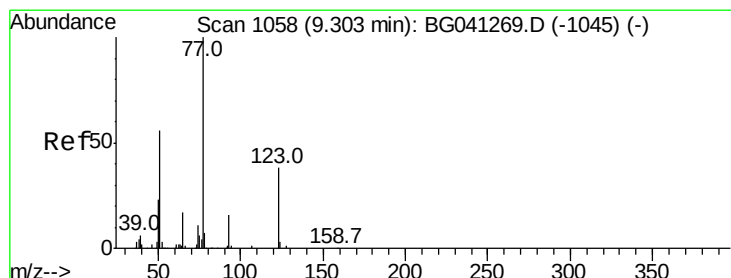
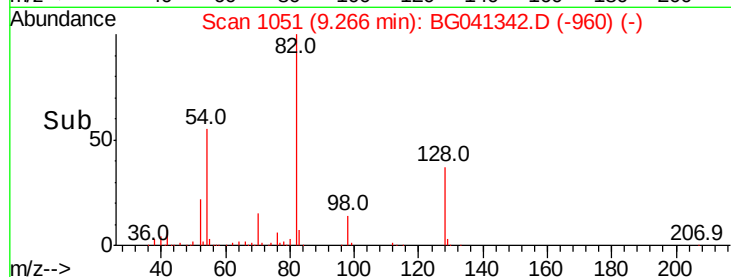
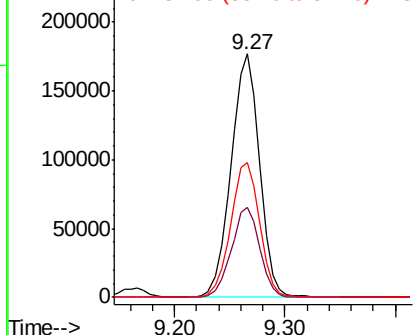
#23
Nitrobenzene-d5
Concen: 86.419 ng
RT: 9.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.2	43.8
54	55.4	43.4	65.0

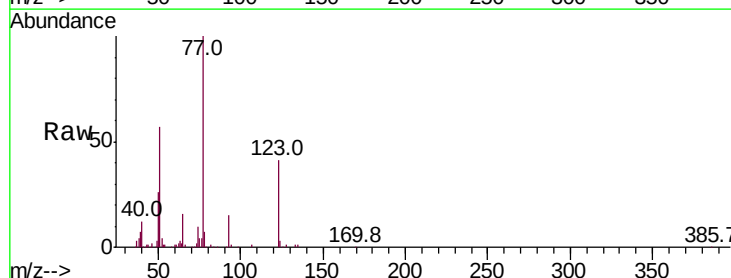


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

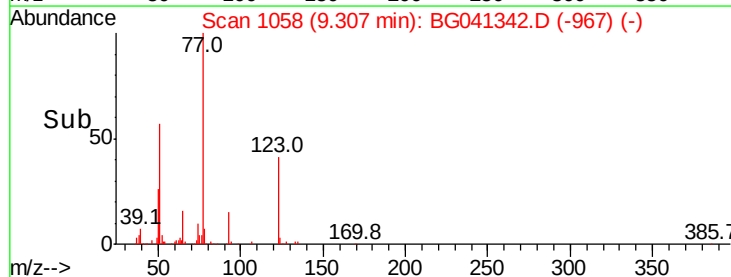
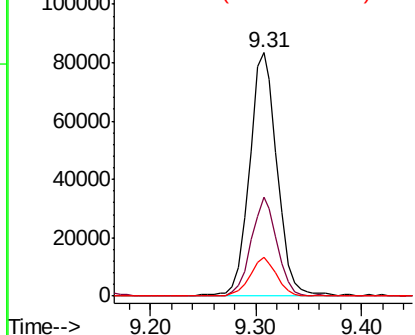


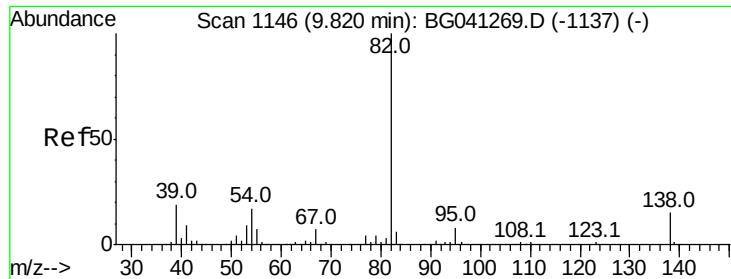
#24
Nitrobenzene
Concen: 40.714 ng
RT: 9.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	30.4	45.6
65	15.8	13.3	19.9



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





#25

Isophorone

Concen: 38.228 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

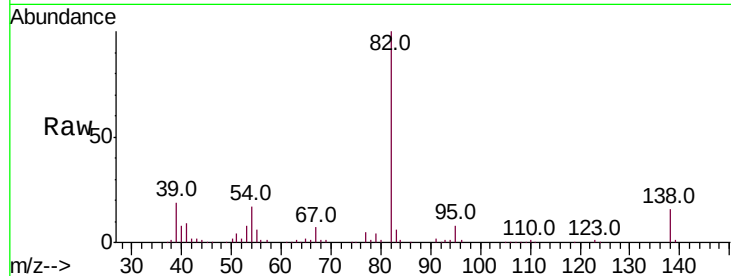
Tot Ion: 82 Resp: 260049

Ion Ratio Lower Upper

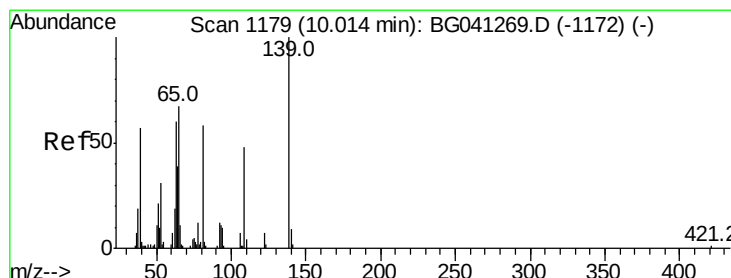
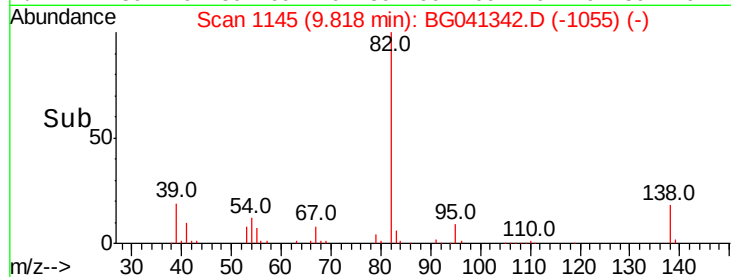
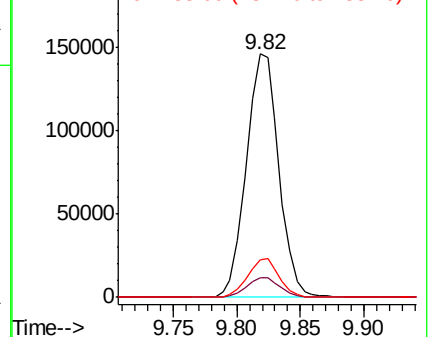
82 100

95 8.1 6.6 10.0

138 15.6 12.3 18.5



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



#26

2-Nitrophenol

Concen: 42.201 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

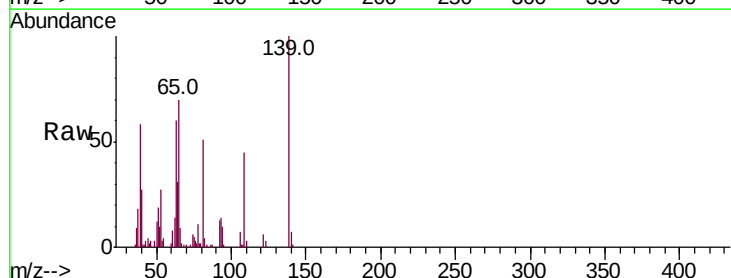
Tgt Ion: 139 Resp: 63802

Ion Ratio Lower Upper

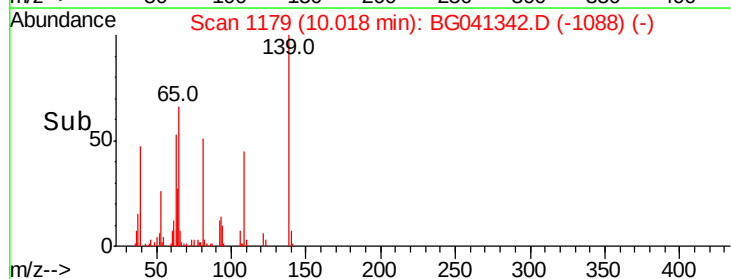
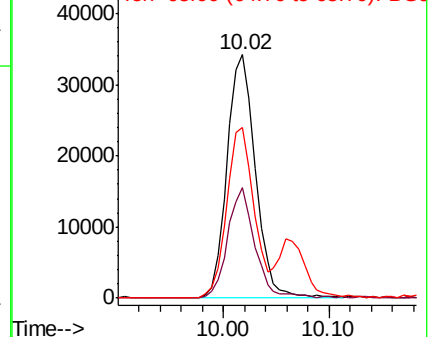
139 100

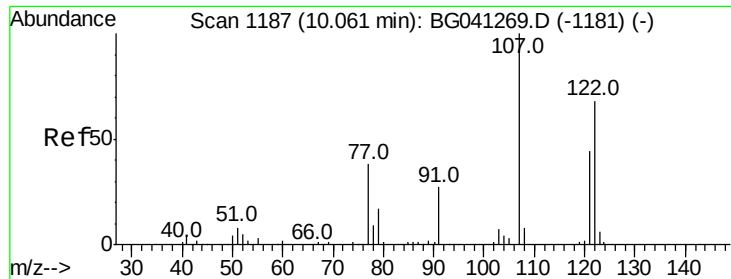
109 45.5 38.4 57.6

65 70.2 53.6 80.4



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

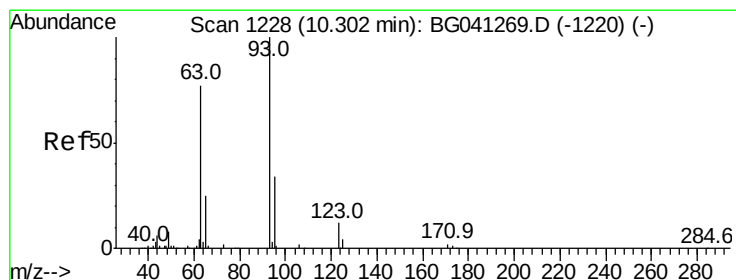
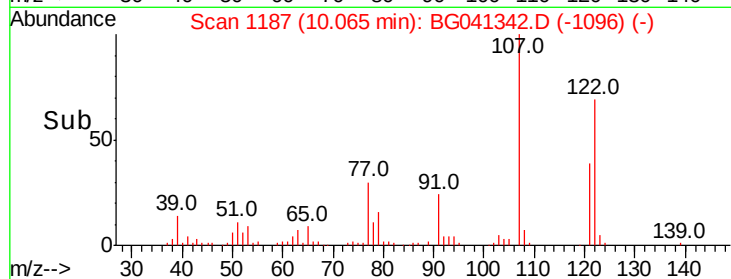
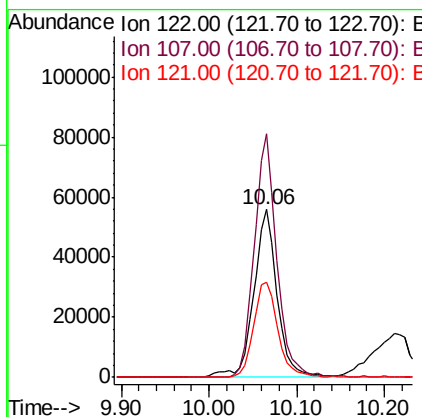
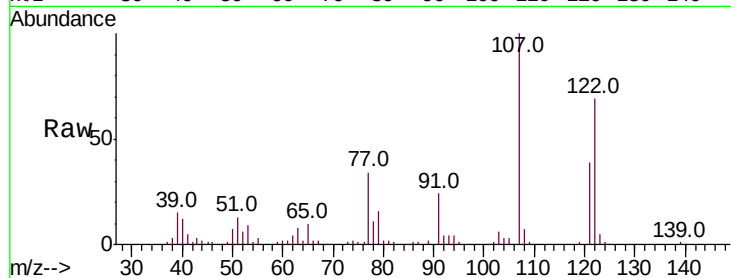




#27
 2,4-Dimethylphenol
 Concen: 45.005 ng
 RT: 10.06 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

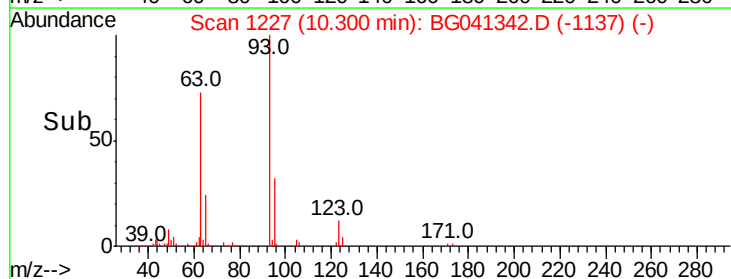
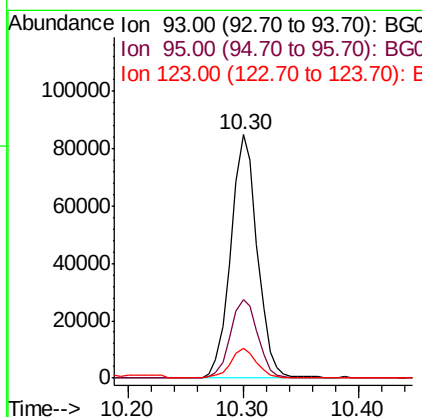
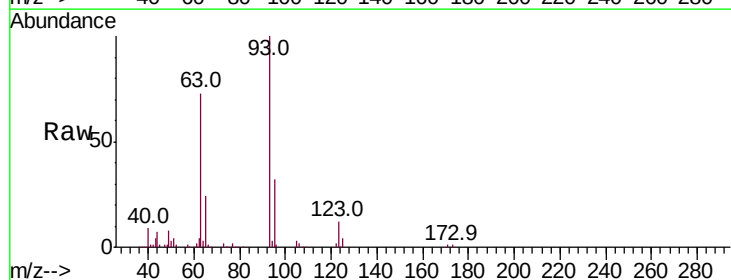
Instrument :
 BNA_G
 ClientSampleId :

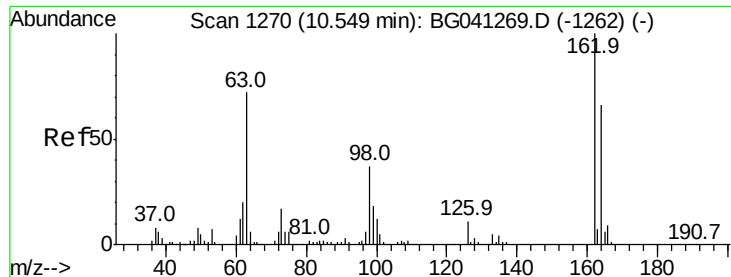
Tot Ion	Ratio	Lower	Upper
122	100		
107	145.4	115.1	172.7
121	56.6	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.212 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.3	40.9
123	12.1	9.6	14.4

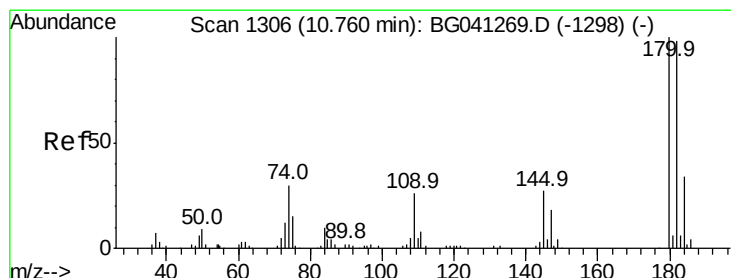
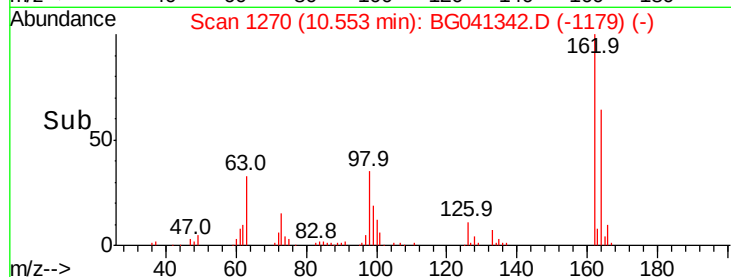
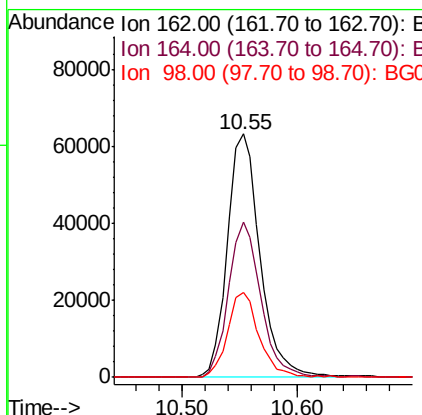
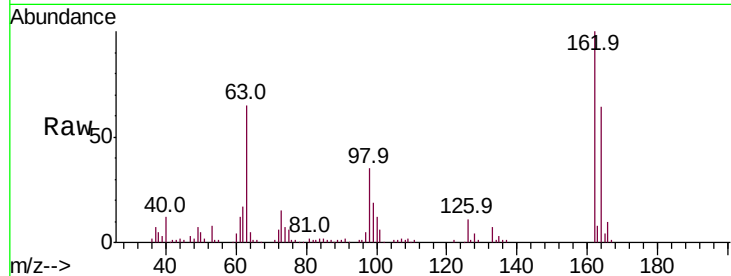




#29
 2,4-Dichlorophenol
 Concen: 44.062 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

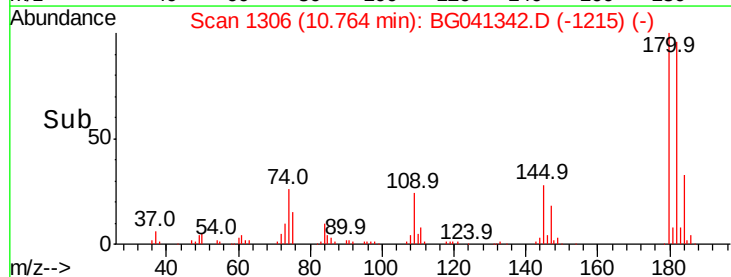
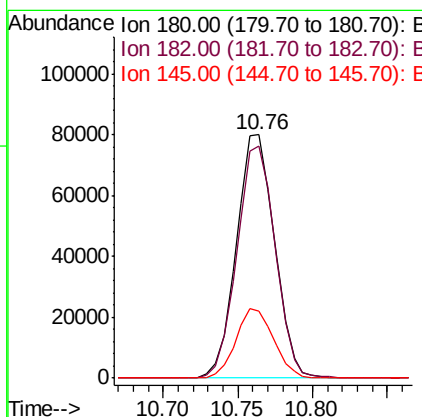
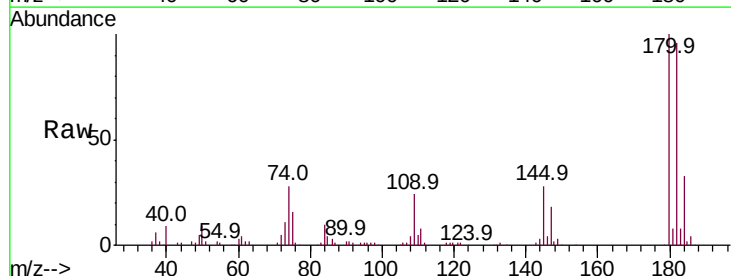
Instrument :
 BNA_G
 ClientSampleId :

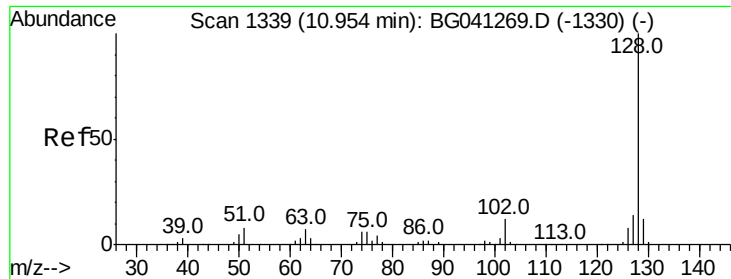
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	46.0	86.0
98	34.9	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.426 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.6	117.8
145	27.6	21.7	32.5

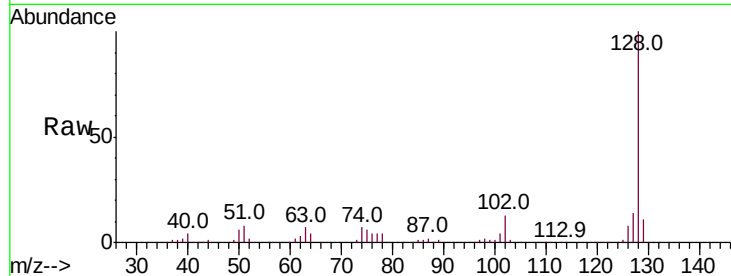




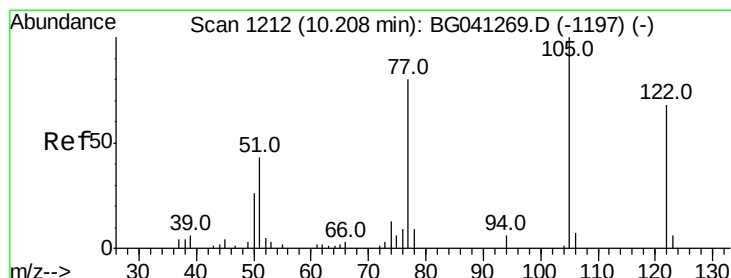
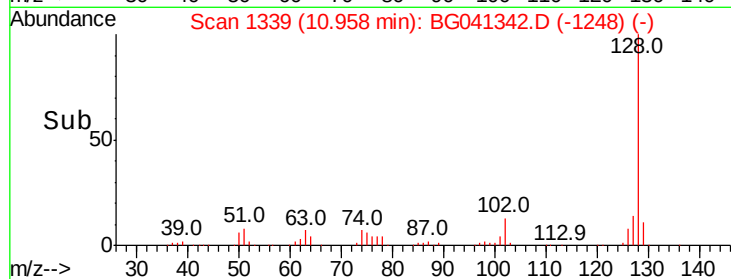
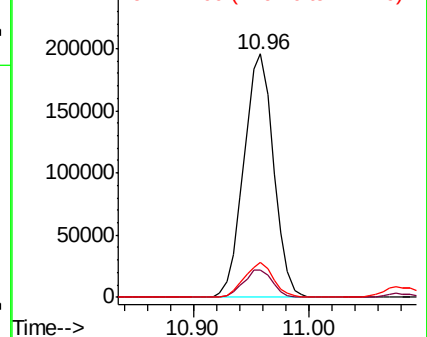
#31
Naphthalene
Concen: 41.314 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 350147
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 14.2 11.2 16.8

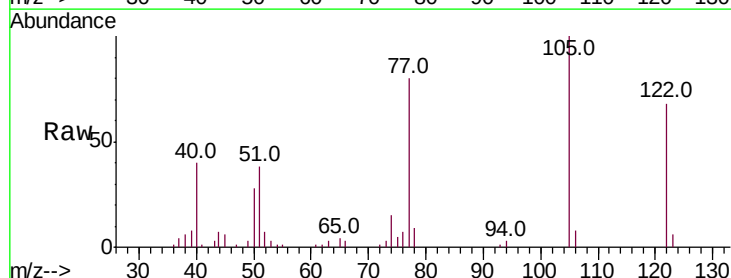


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

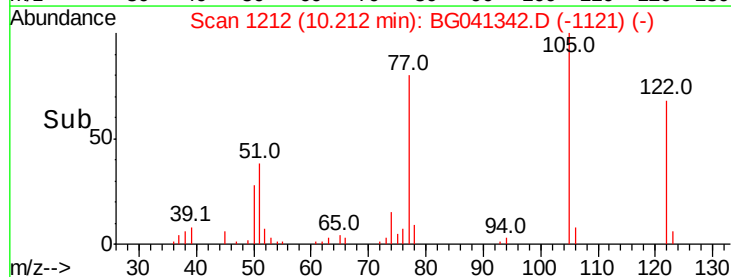
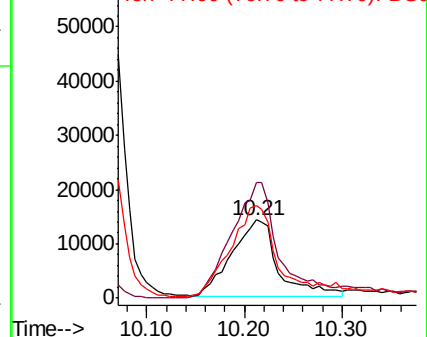


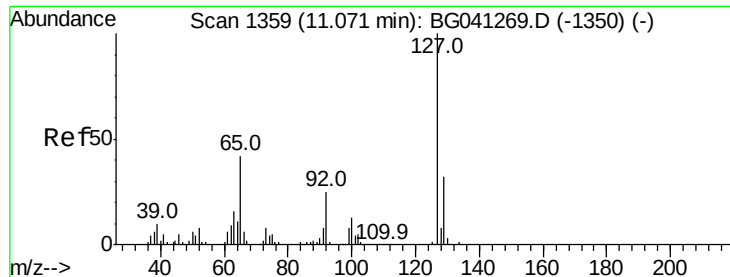
#32
Benzoic acid
Concen: 31.709 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion:122 Resp: 46779
Ion Ratio Lower Upper
122 100
105 147.4 124.2 164.2
77 117.6 97.2 137.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

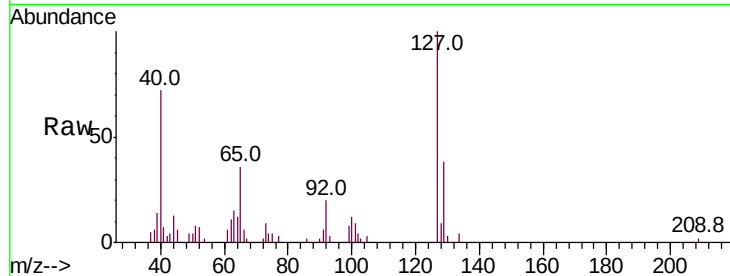




#33
4-Chloroaniline
Concen: 6.274 ng
RT: 11.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	38.0	25.8	38.8
65	35.7	33.8	50.8
92	19.7	20.2	30.4



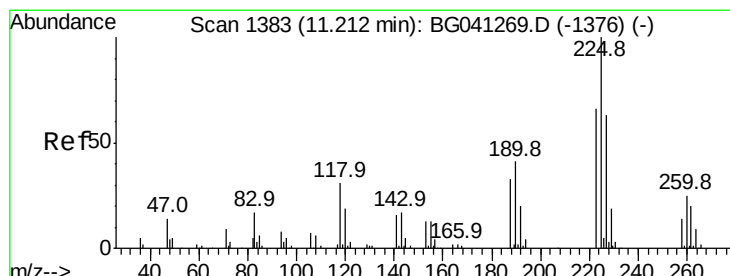
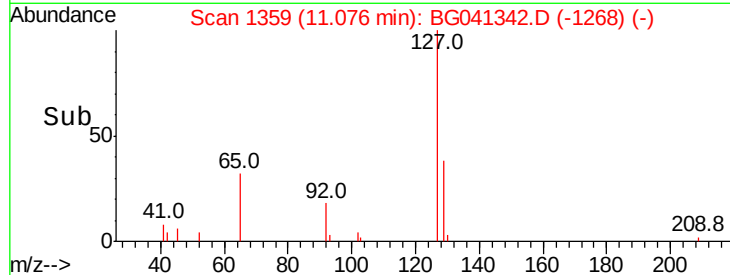
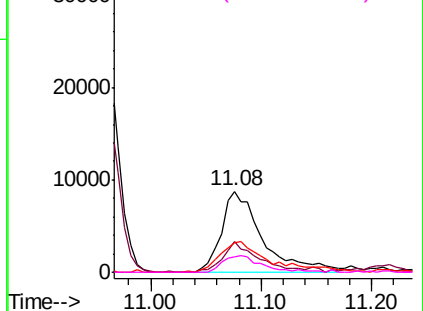
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

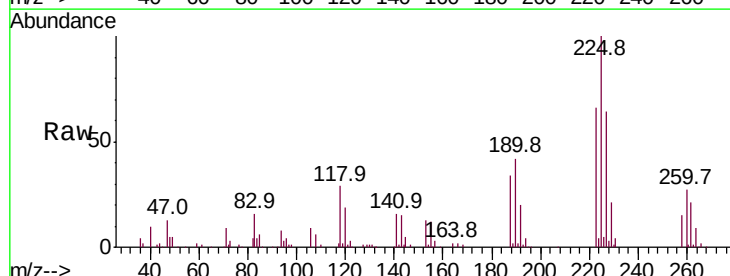
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.503 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	52.5	78.7
227	63.9	50.2	75.2

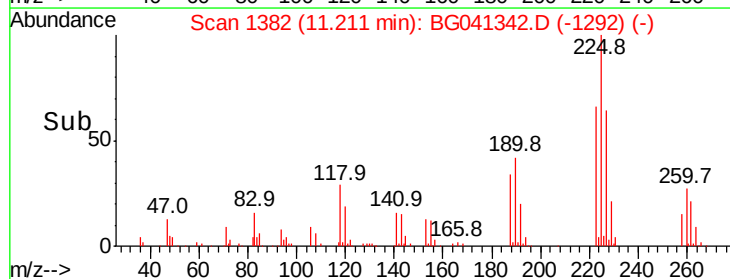
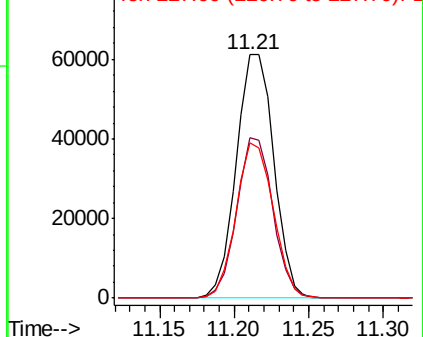


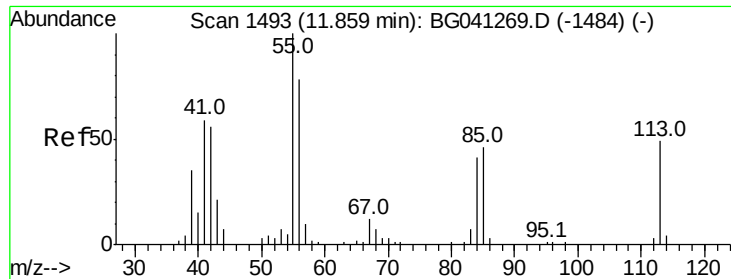
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.708 ng

RT: 11.87 min Scan# 1495

Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampled :

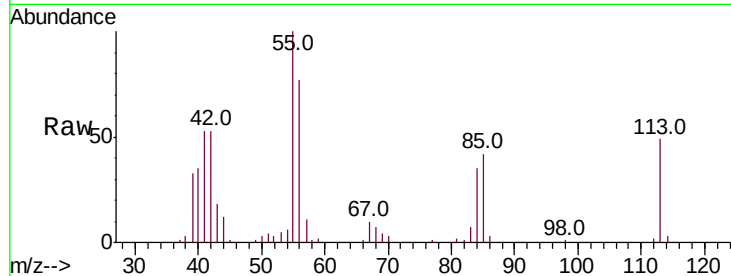
Tot Ion:113 Resp: 22934

Ion Ratio Lower Upper

113 100

55 205.3 182.6 222.6

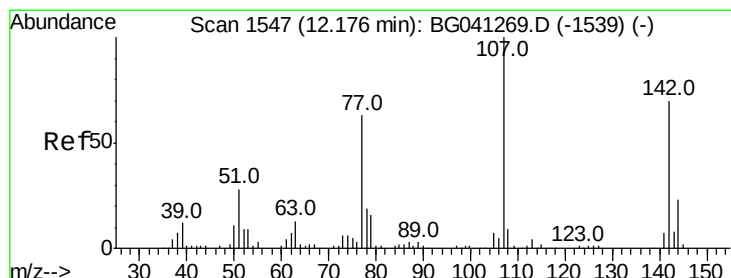
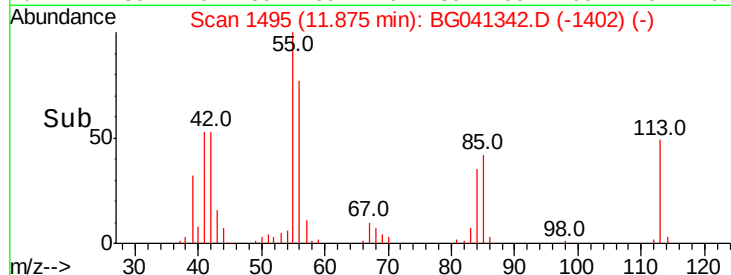
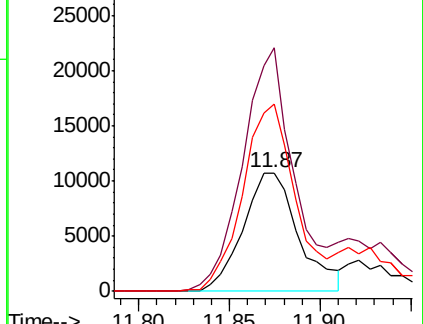
56 157.5 137.5 177.5



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: 40.593 ng

RT: 12.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

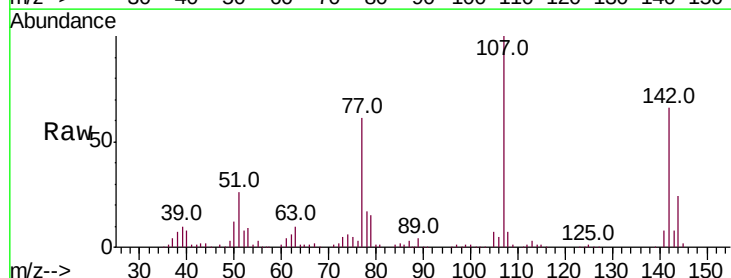
Tgt Ion:107 Resp: 131754

Ion Ratio Lower Upper

107 100

144 24.0 18.5 27.7

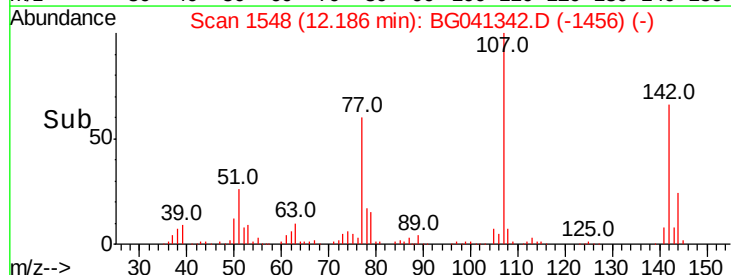
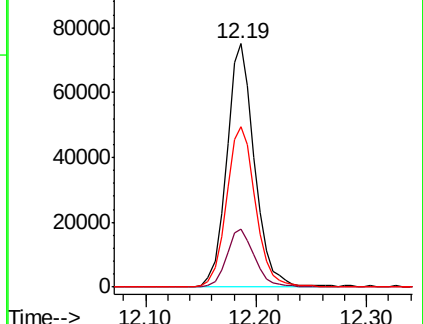
142 66.0 56.3 84.5

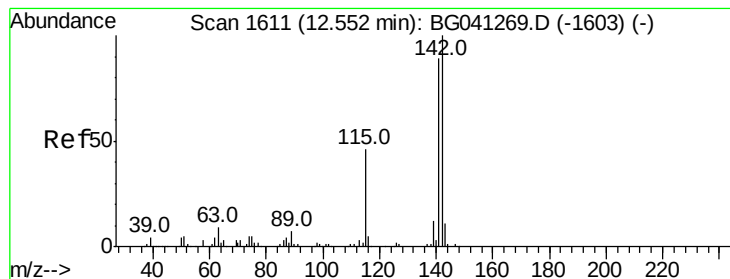


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.992 ng

RT: 12.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

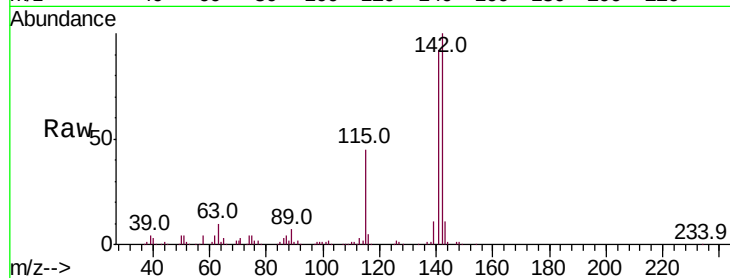
Tot Ion:142 Resp: 255878

Ion Ratio Lower Upper

142 100

141 92.0 71.5 107.3

115 45.5 37.0 55.6

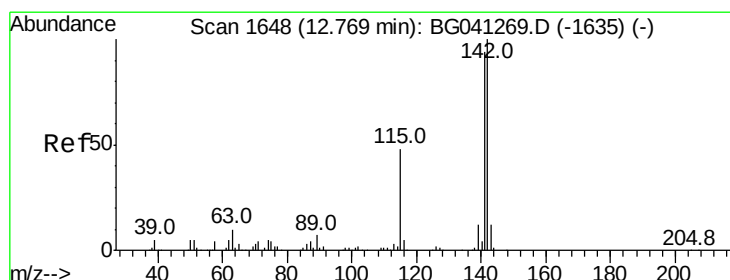
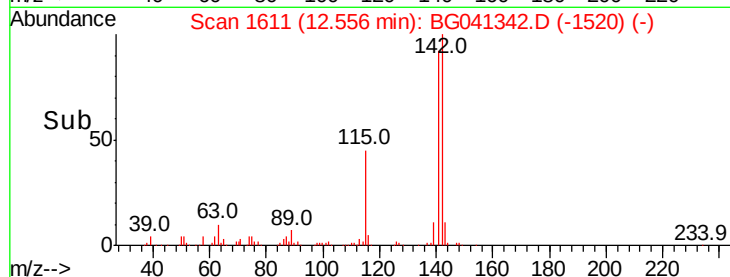
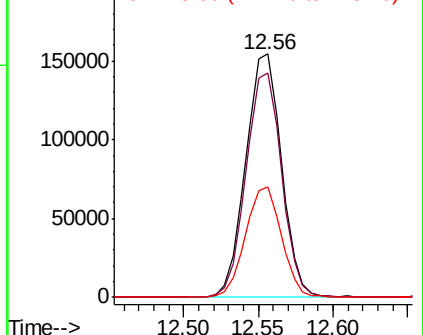


Abundance

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

1-Methylnaphthalene

Concen: 40.661 ng

RT: 12.77 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

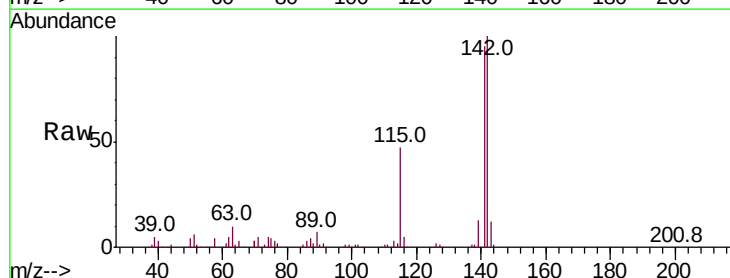
Tgt Ion:142 Resp: 242835

Ion Ratio Lower Upper

142 100

141 95.0 75.0 112.6

116 4.9 4.2 6.2

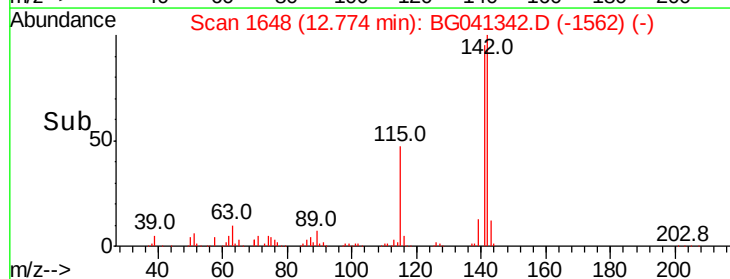
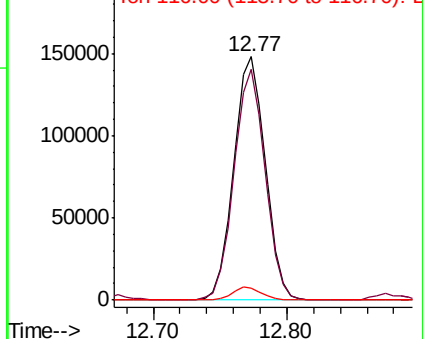


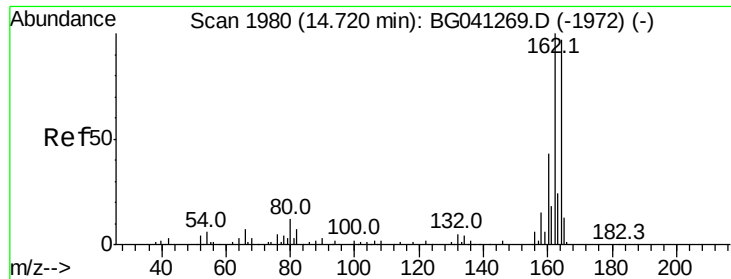
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

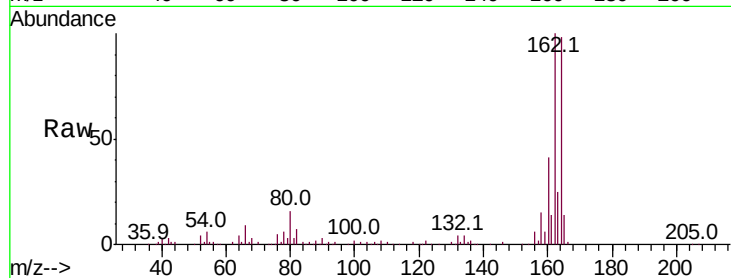
Tot Ion:164 Resp: 107122

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

160 41.7 35.8 53.8

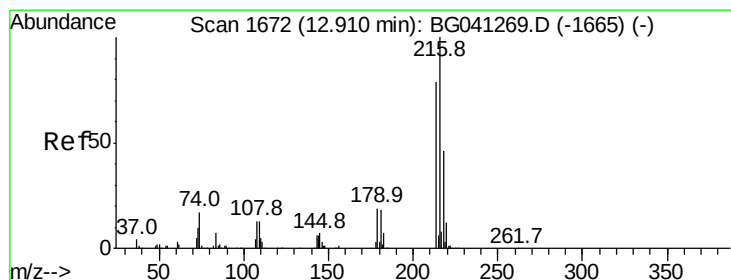
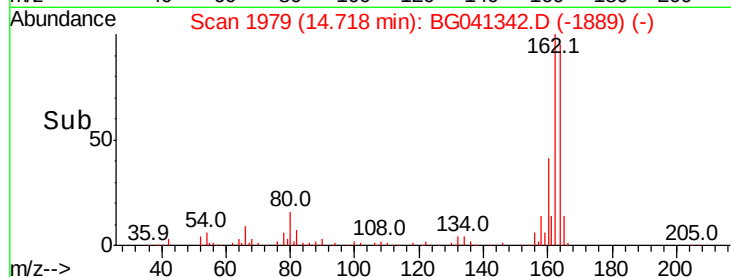
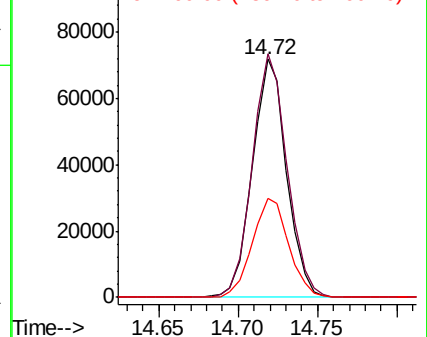


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.718 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Tgt Ion:216 Resp: 193383

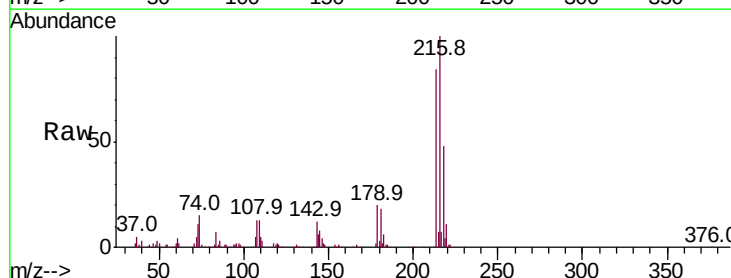
Ion Ratio Lower Upper

216 100

214 79.2 62.8 94.2

179 19.0 15.2 22.8

108 14.3 12.4 18.6



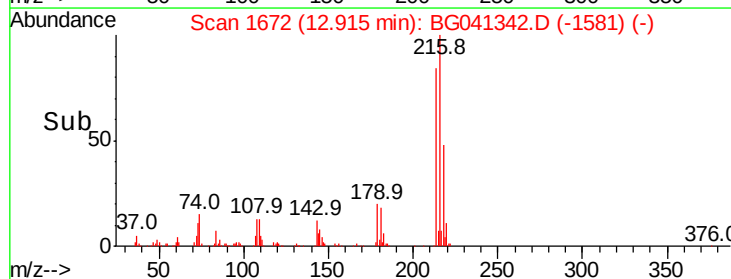
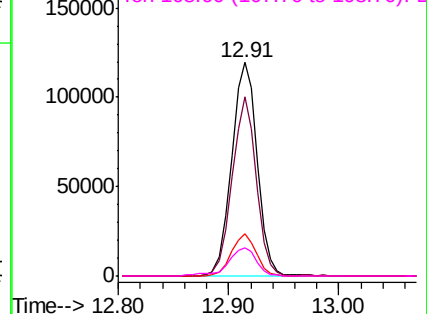
Abundance

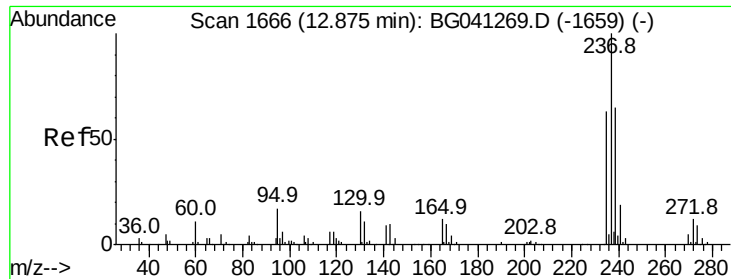
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

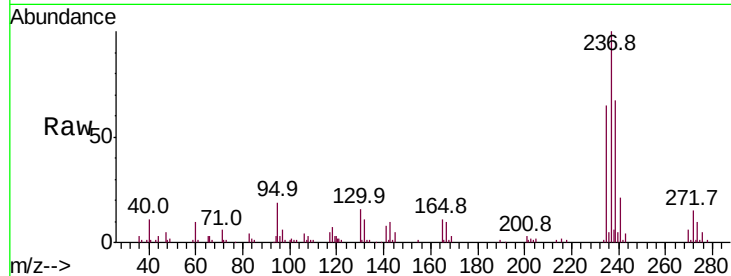




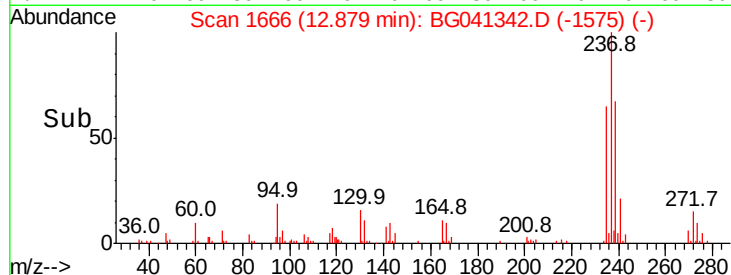
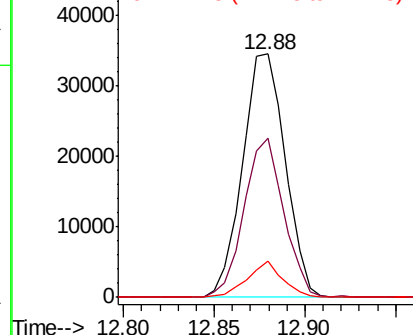
#41
Hexachlorocyclopentadiene
Concen: 18.983 ng
RT: 12.88 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 56562
Ion Ratio Lower Upper
237 100
235 65.2 42.9 82.9
272 15.0 0.0 32.0

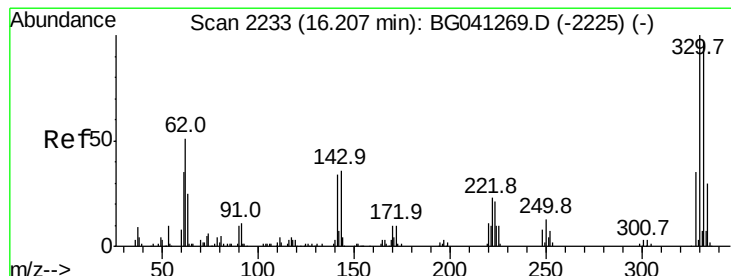


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

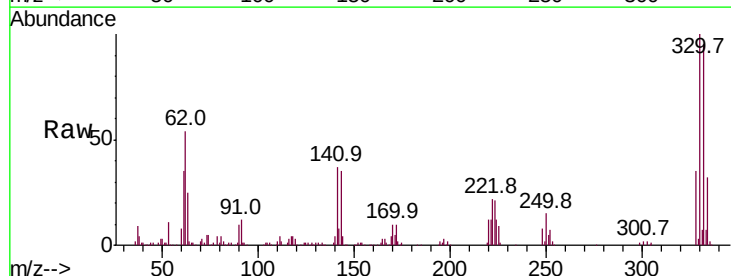
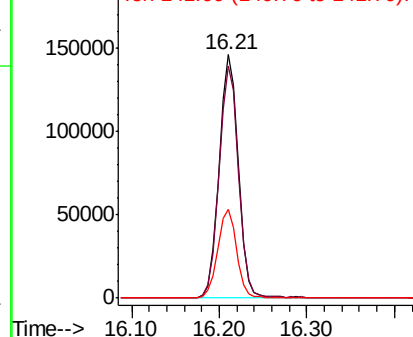


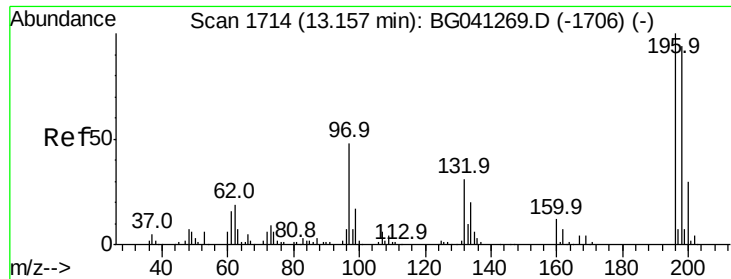
#42
2,4,6-Tribromophenol
Concen: 136.461 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion:330 Resp: 224419
Ion Ratio Lower Upper
330 100
332 95.5 75.5 113.3
141 35.9 29.0 43.4



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

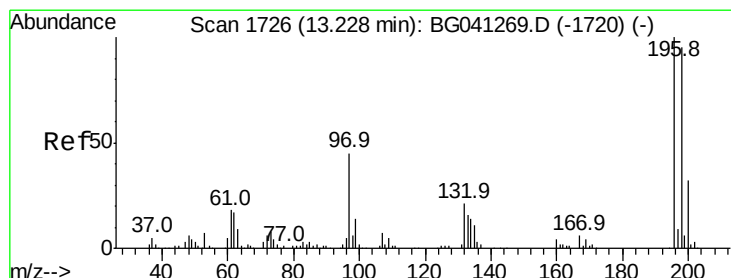
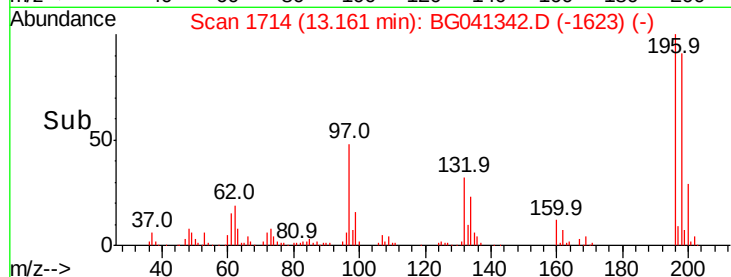
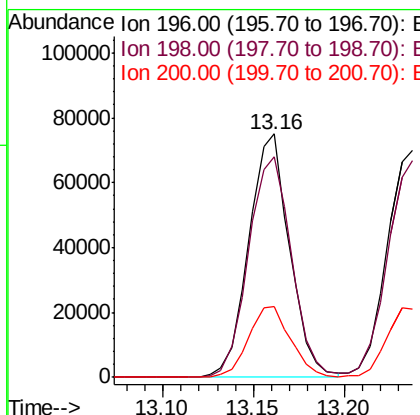
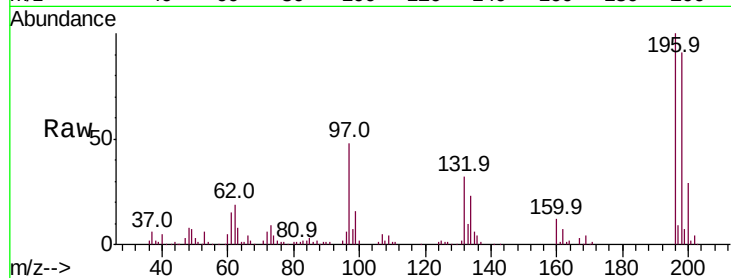




#43
 2,4,6-Trichlorophenol
 Concen: 42.818 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

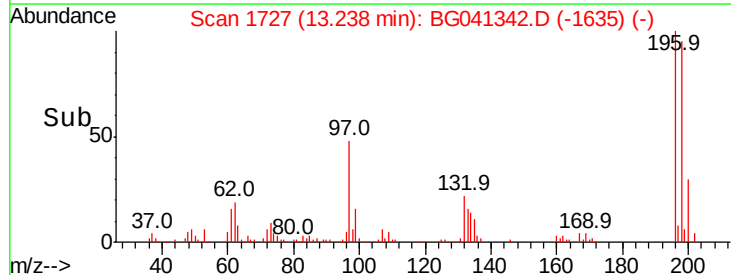
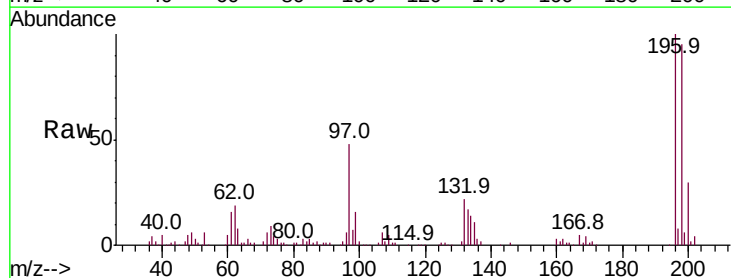
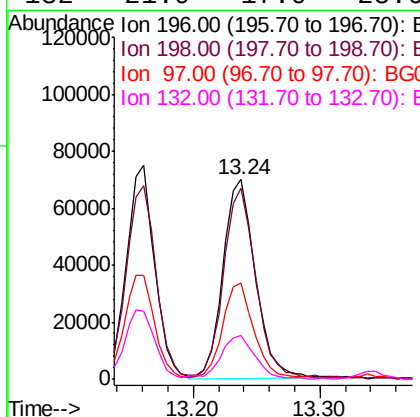
Instrument :
 BNA_G
 ClientSampled :

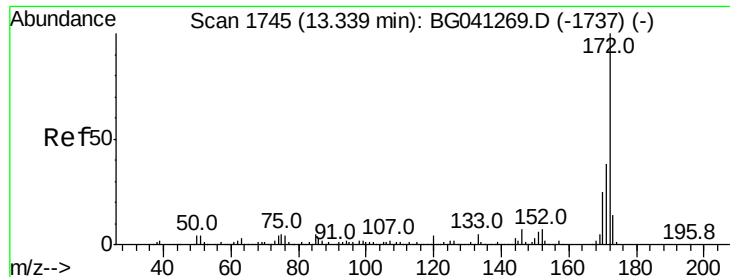
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.6	74.9	112.3
200	29.0	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.812 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.1	114.1
97	47.9	35.9	53.9
132	21.9	17.0	25.6

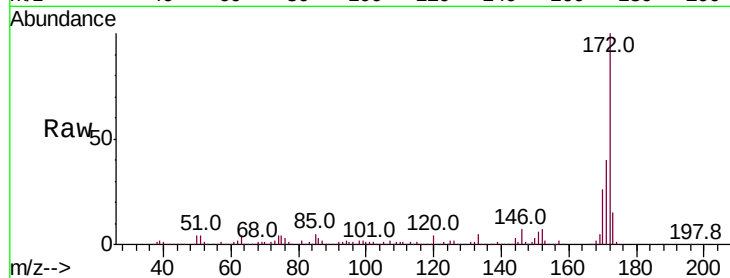




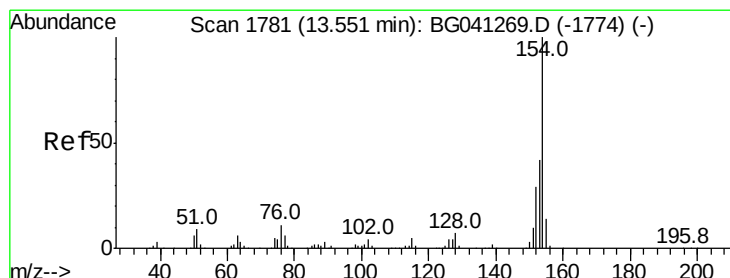
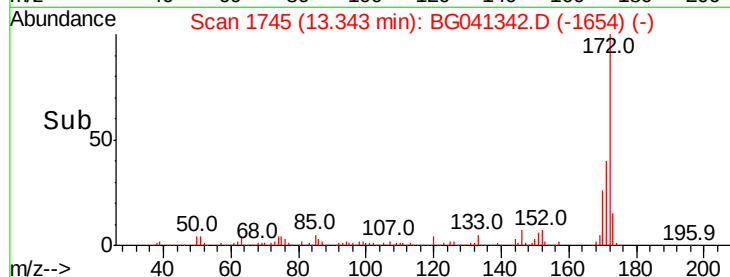
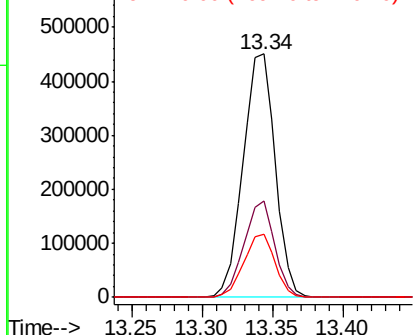
#45
2-Fluorobiphenyl
Concen: 91.309 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	30.0	45.0
170	25.7	19.8	29.6

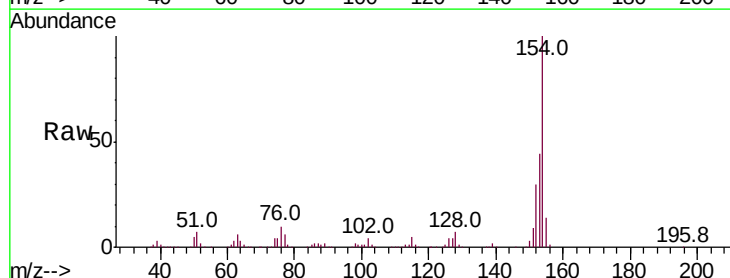


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

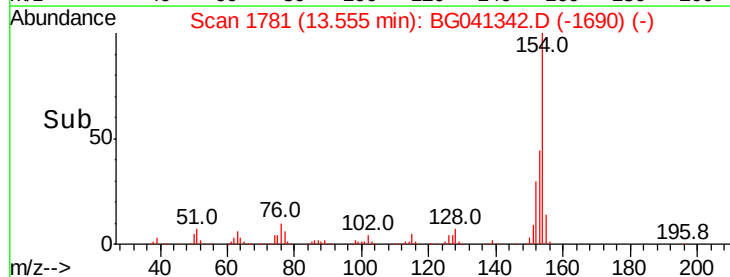
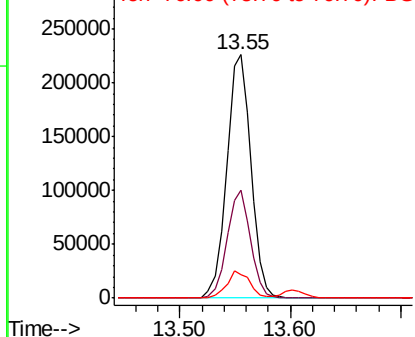


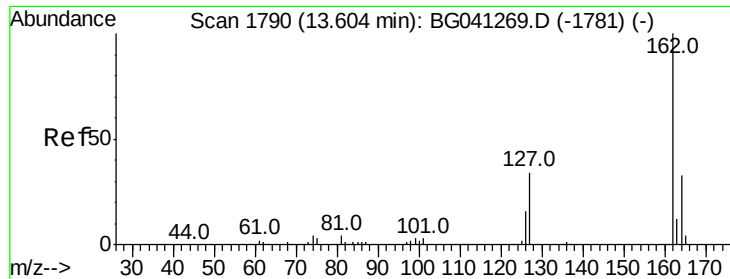
#46
1,1'-Biphenyl
Concen: 42.683 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	22.3	62.3
76	9.7	0.0	30.8



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

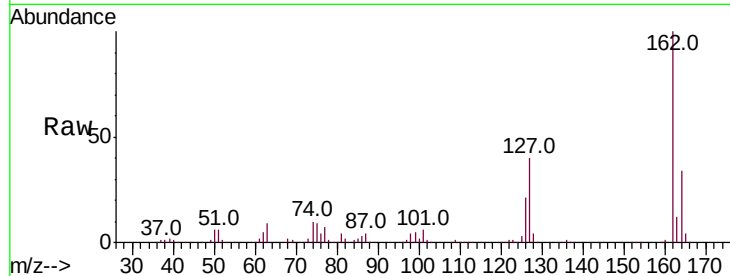




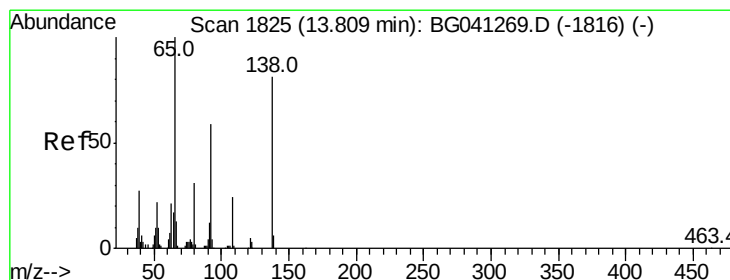
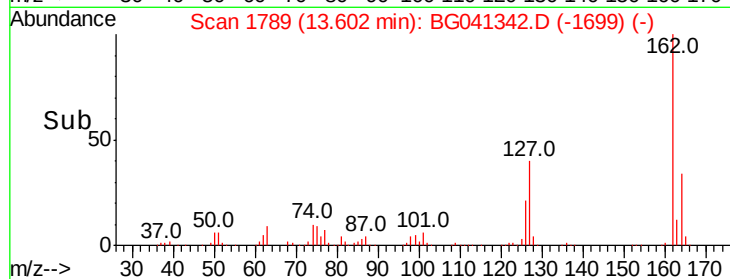
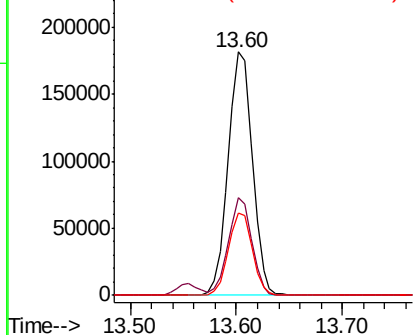
#47
 2-Chloronaphthalene
 Concen: 41.299 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.0	46.4
164	33.9	26.1	39.1

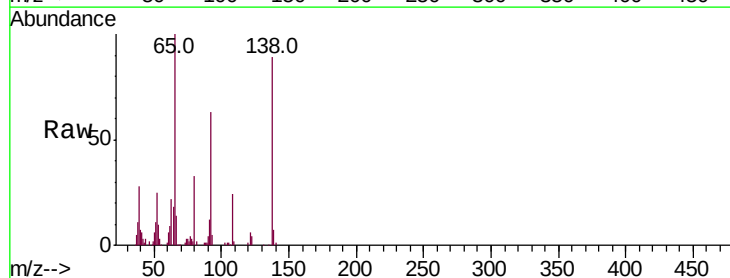


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

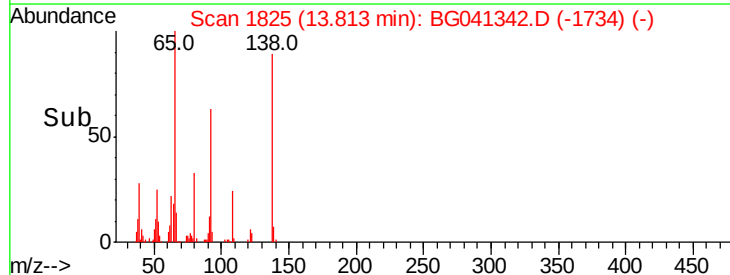
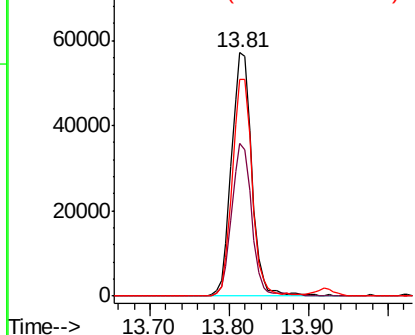


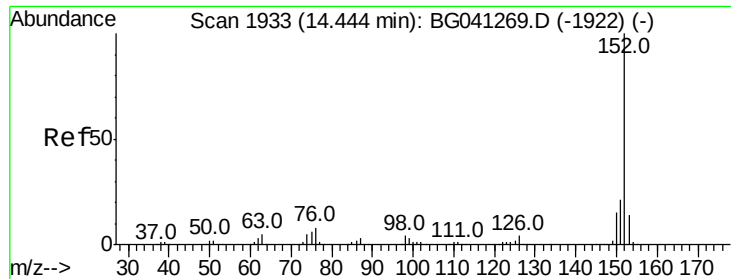
#48
 2-Nitroaniline
 Concen: 39.814 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	47.4	71.2
138	89.0	64.7	97.1



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





#49

Acenaphthylene

Concen: 41.500 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

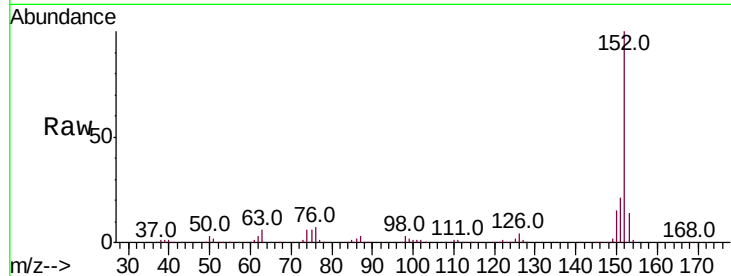
Tot Ion:152 Resp: 439071

Ion Ratio Lower Upper

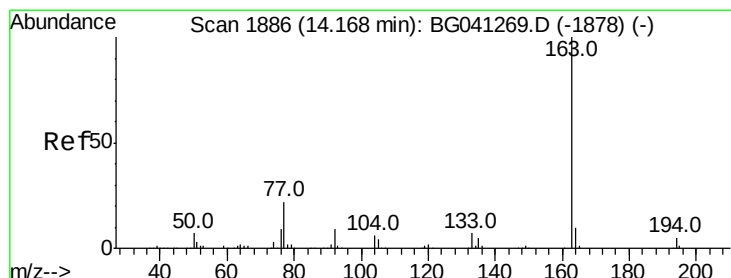
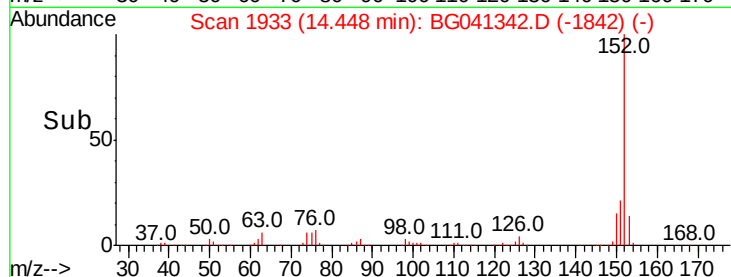
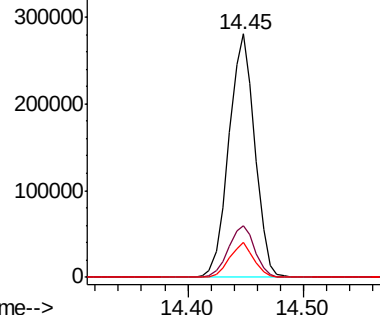
152 100

151 21.0 16.8 25.2

153 14.1 10.8 16.2



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



#50

Dimethylphthalate

Concen: 37.957 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

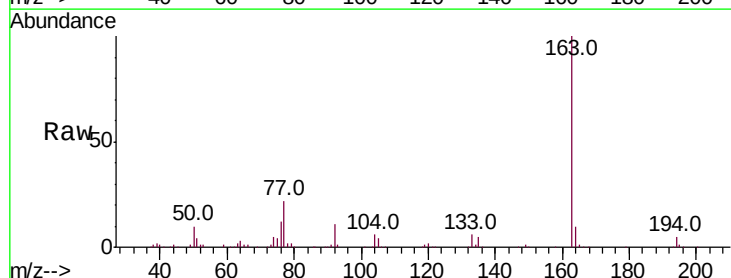
Tgt Ion:163 Resp: 361775

Ion Ratio Lower Upper

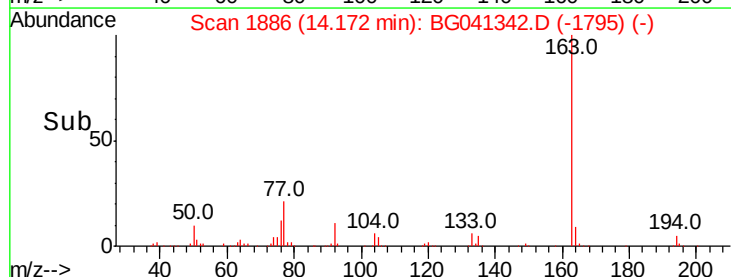
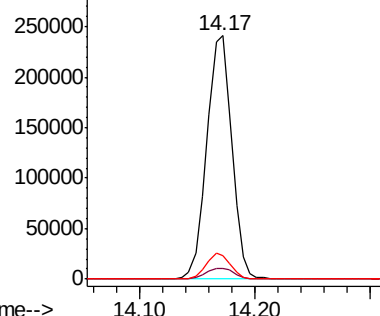
163 100

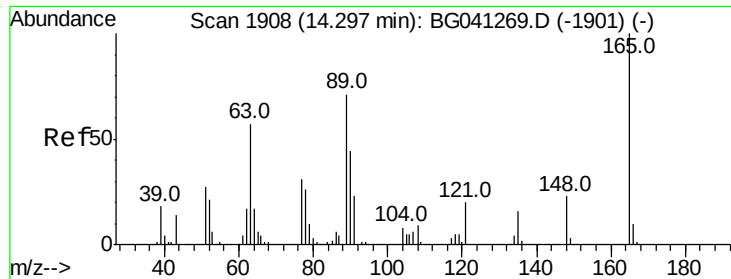
194 4.6 3.9 5.9

164 9.6 8.3 12.5



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





#51

2,6-Dinitrotoluene

Concen: 40.186 ng

RT: 14.30 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampled :

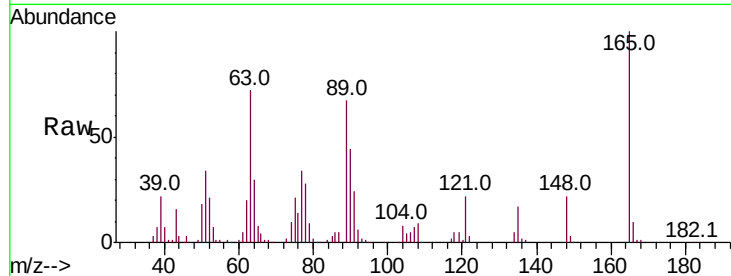
Tot Ion:165 Resp: 80762

Ion Ratio Lower Upper

165 100

63 72.0 55.4 83.0

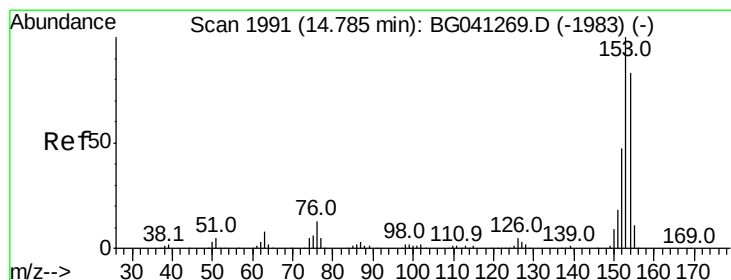
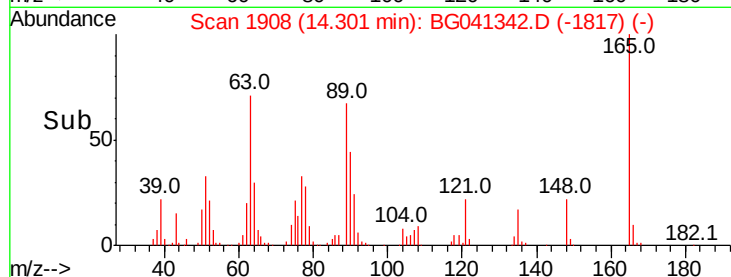
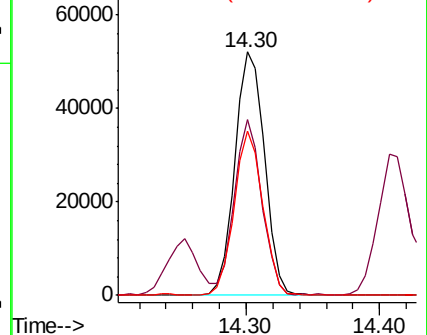
89 67.4 56.5 84.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.243 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

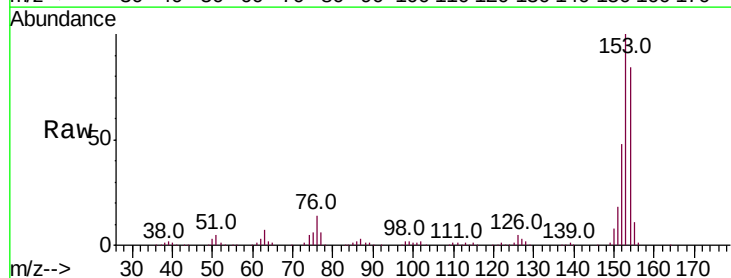
Tgt Ion:154 Resp: 256234

Ion Ratio Lower Upper

154 100

153 118.6 96.6 145.0

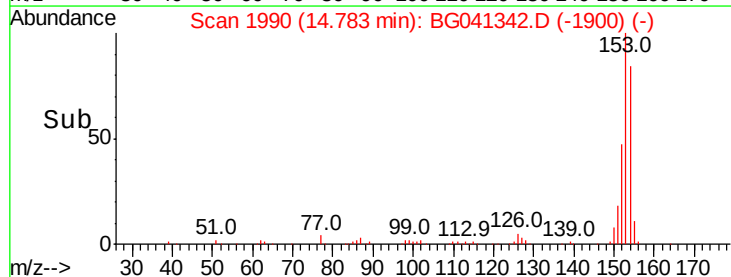
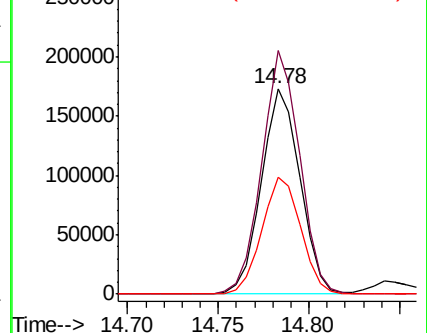
152 56.9 45.5 68.3

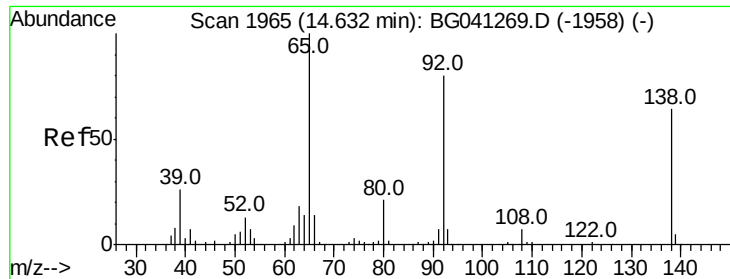


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

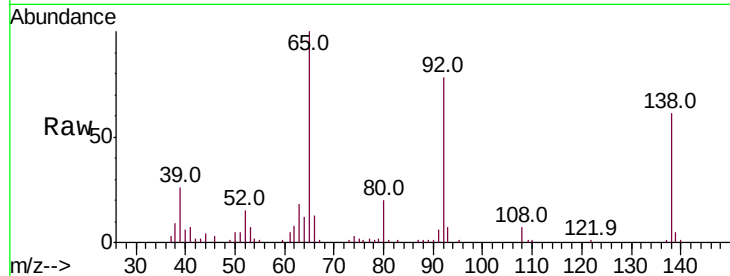




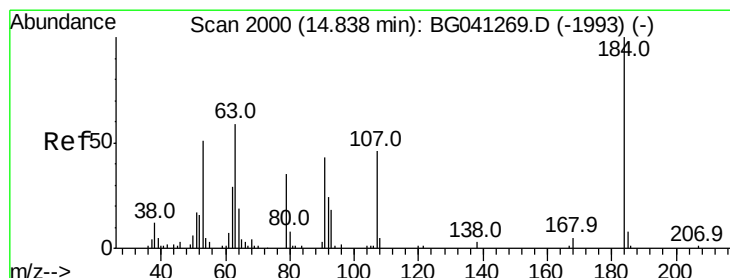
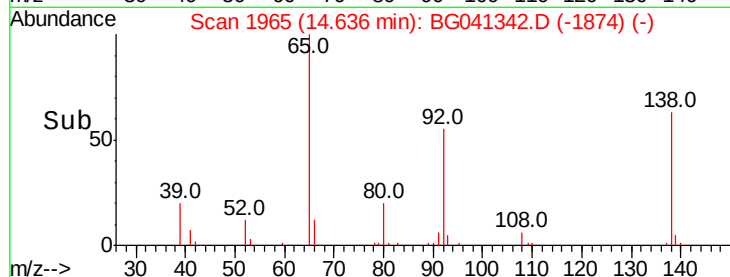
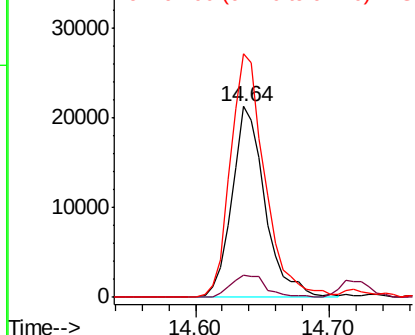
#53
3-Nitroaniline
Concen: 18.549 ng
RT: 14.64 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 36728
Ion Ratio Lower Upper
138 100
108 12.0 8.3 12.5
92 127.6 100.2 150.4

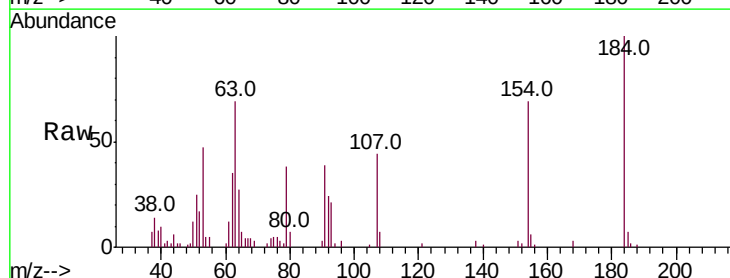


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

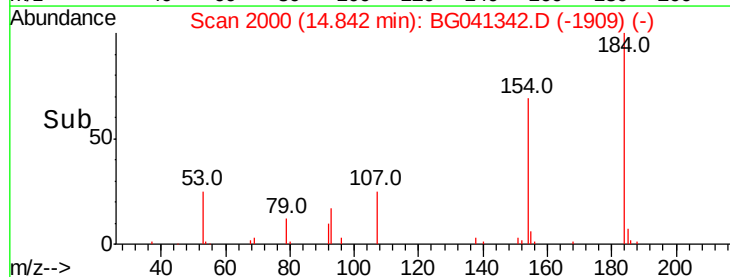
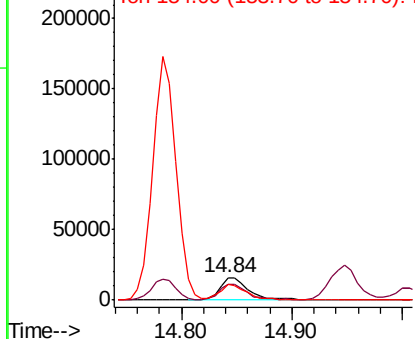


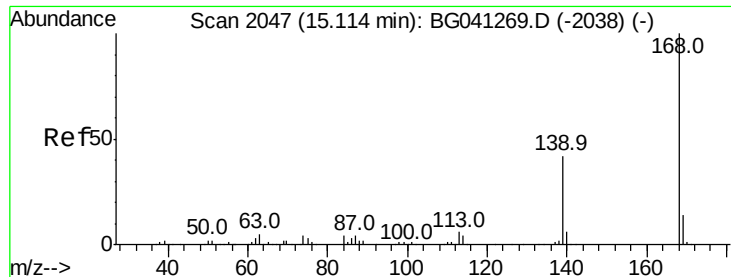
#54
2,4-Dinitrophenol
Concen: 23.854 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion:184 Resp: 29239
Ion Ratio Lower Upper
184 100
63 68.8 60.0 90.0
154 69.0 58.3 87.5



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

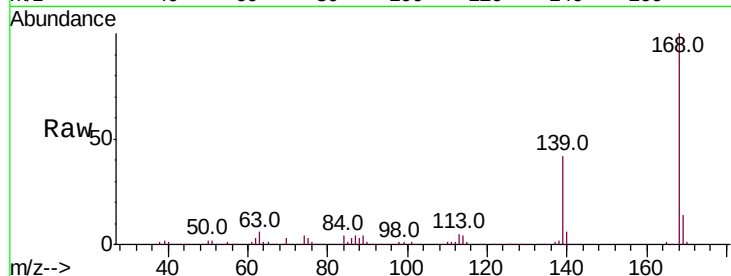




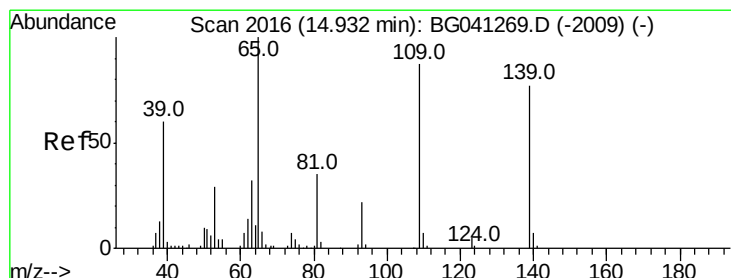
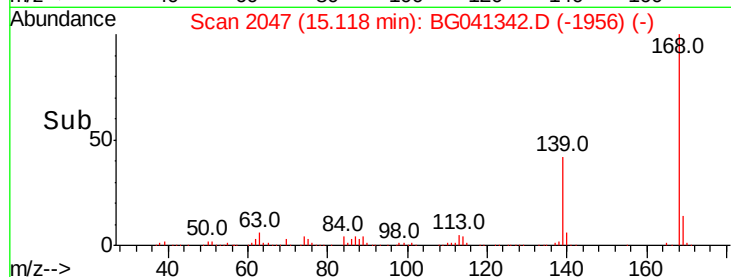
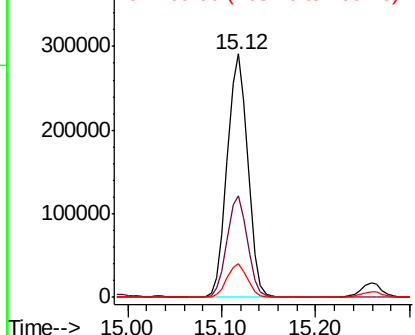
#55
Dibenzenofuran
Concen: 41.066 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	33.6	50.4
169	13.7	10.8	16.2

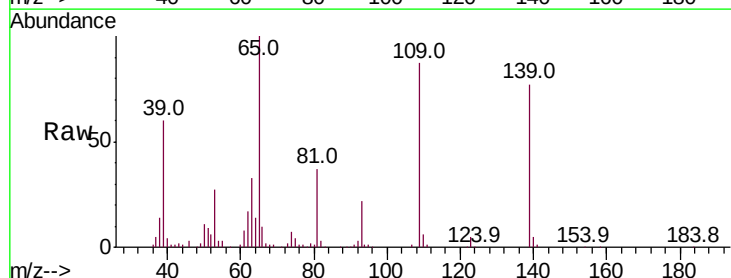


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

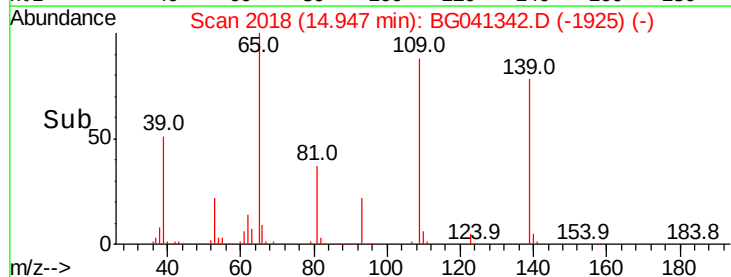
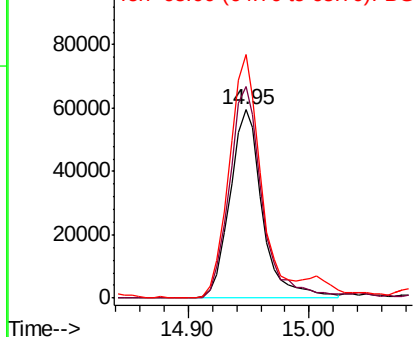


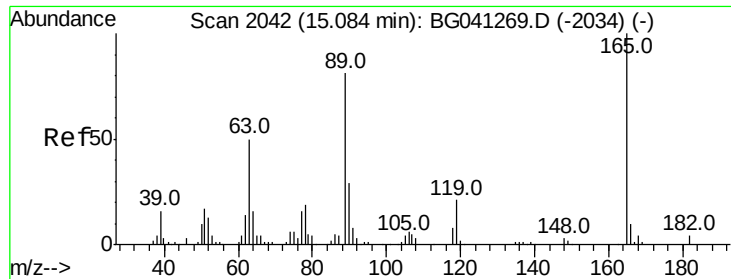
#56
4-Nitrophenol
Concen: 74.355 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.4	93.2	133.2
65	129.3	110.2	150.2



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

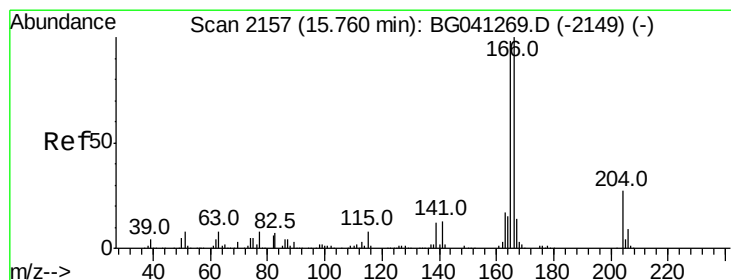
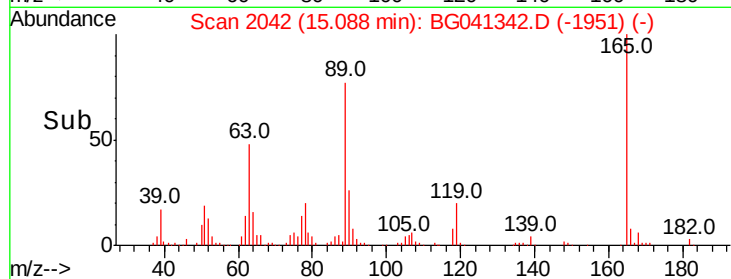
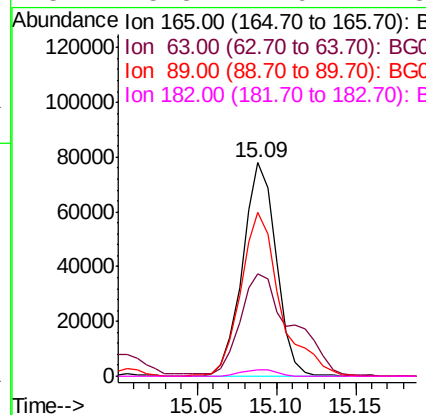
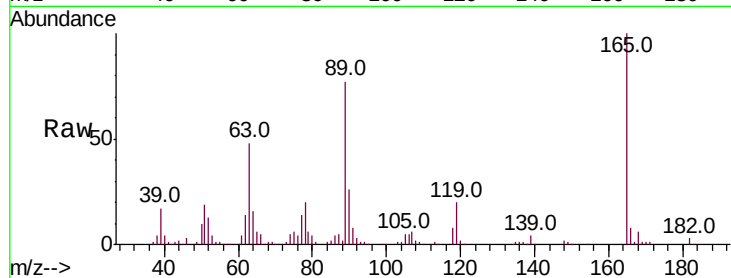




#57
 2,4-Dinitrotoluene
 Concen: 38.943 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

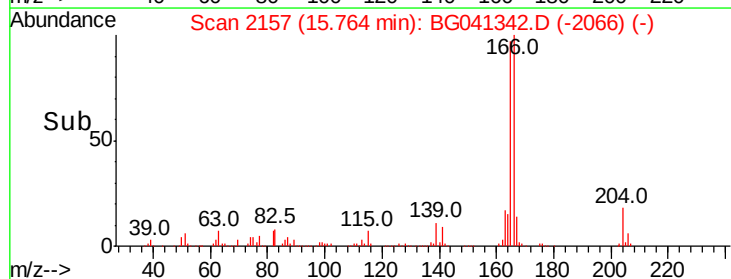
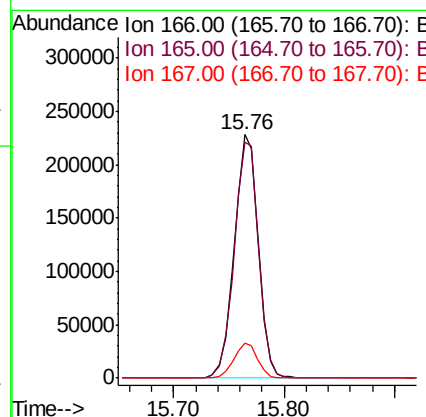
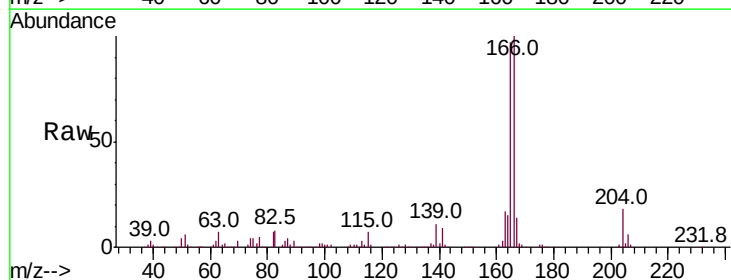
Instrument :
 BNA_G
 ClientSampled :

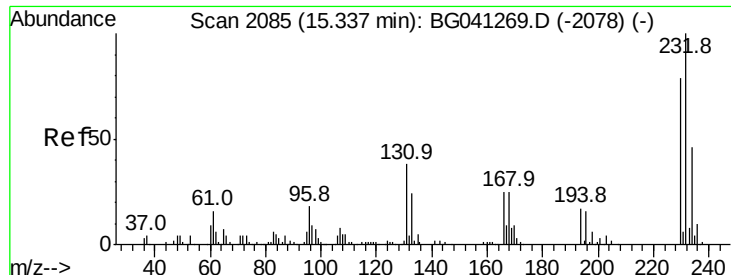
Tot Ion:165	Resp:	114407	
Ion Ratio	Lower	Upper	
165 100			
63 47.9	40.0	60.0	
89 76.6	64.6	96.8	
182 3.3	2.9	4.3	



#58
 Fluorene
 Concen: 40.734 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt	Ion:166	Resp:	346132
Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.8	118.2
167	14.3	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.695 ng

RT: 15.34 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 121398

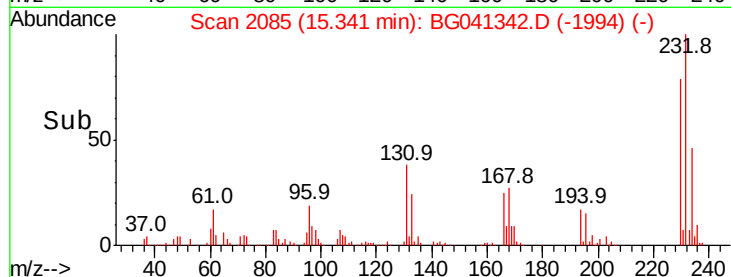
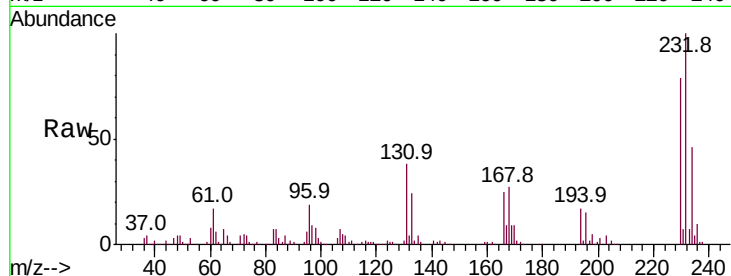
Ion Ratio Lower Upper

232 100

131 37.5 29.0 43.6

130 1.8 1.6 2.4

166 26.2 21.0 31.4

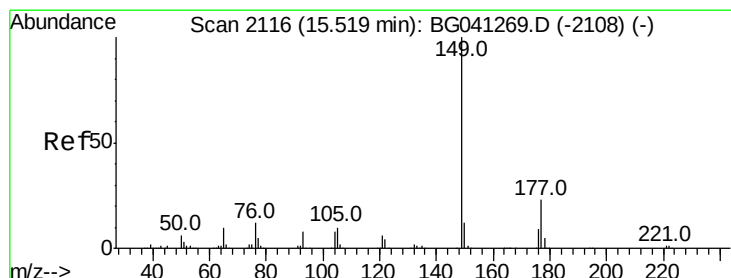
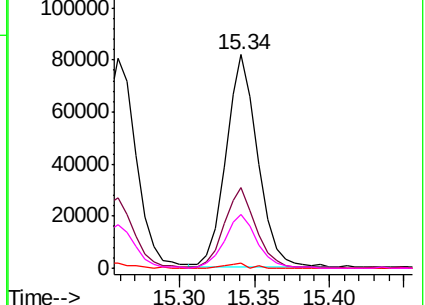


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.903 ng

RT: 15.52 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

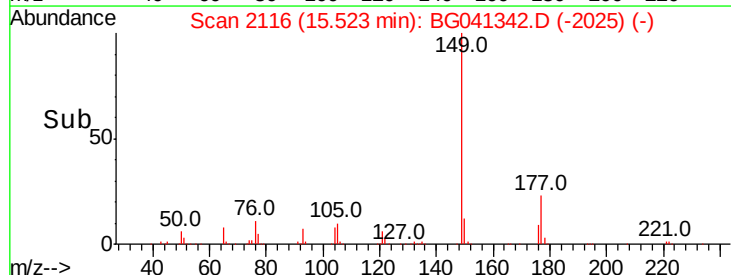
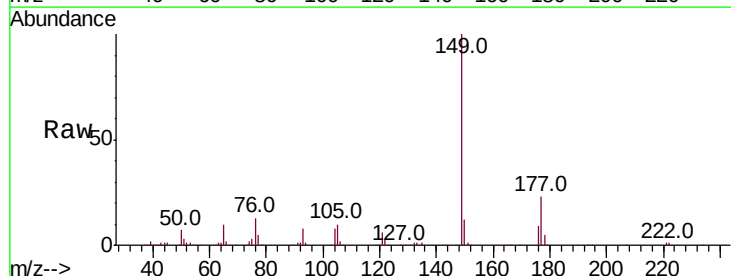
Tgt Ion:149 Resp: 367197

Ion Ratio Lower Upper

149 100

177 22.9 18.4 27.6

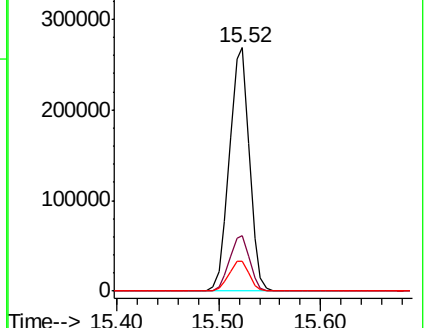
150 12.3 9.9 14.9

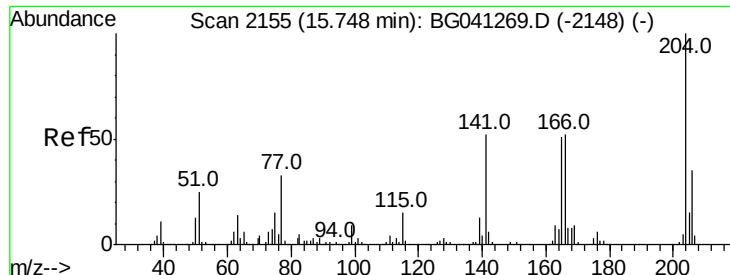


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

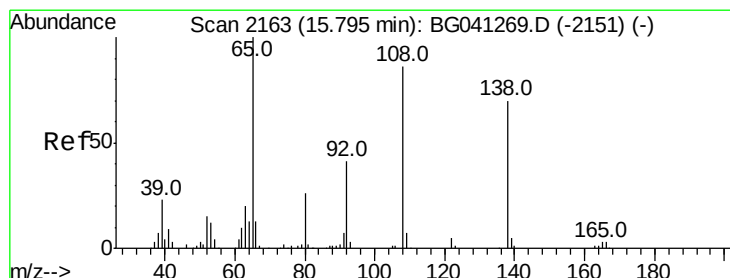
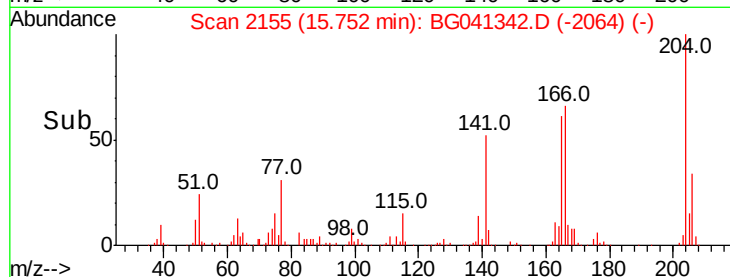
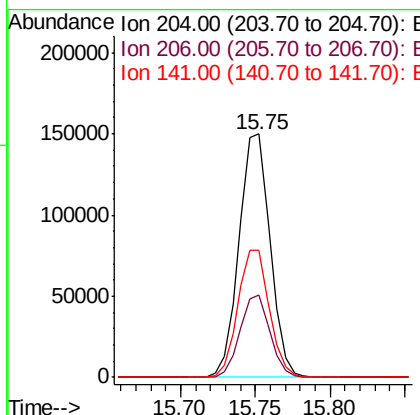
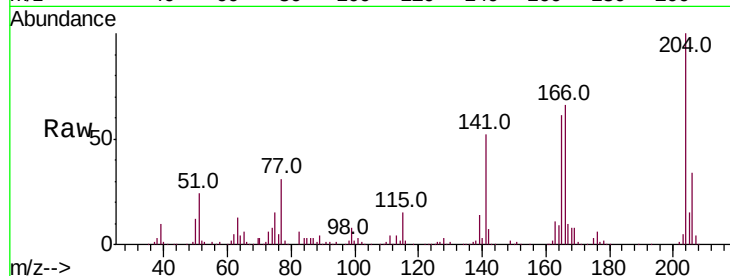




#61
 4-Chlorophenyl-phenylether
 Concen: 39.187 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

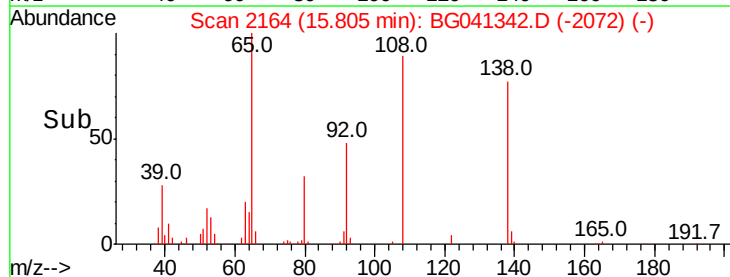
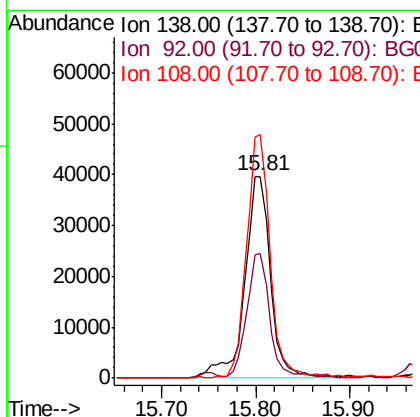
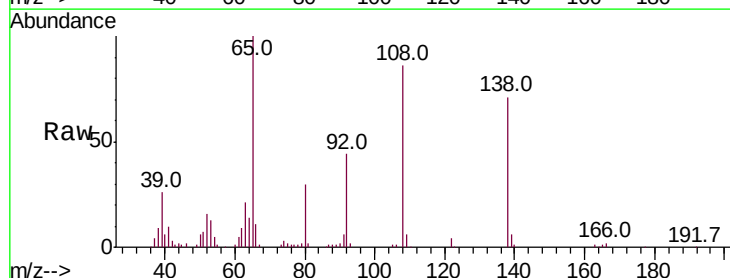
Instrument :
 BNA_G
 ClientSampled :

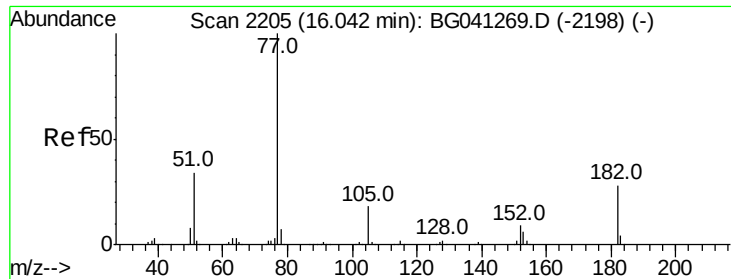
Tot Ion:204 Resp: 216648
 Ion Ratio Lower Upper
 204 100
 206 33.9 27.9 41.9
 141 52.2 41.4 62.0



#62
 4-Nitroaniline
 Concen: 35.731 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt Ion:138 Resp: 75669
 Ion Ratio Lower Upper
 138 100
 92 62.0 38.8 78.8
 108 120.8 103.4 143.4





#63

Azobenzene

Concen: 39.576 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 342043

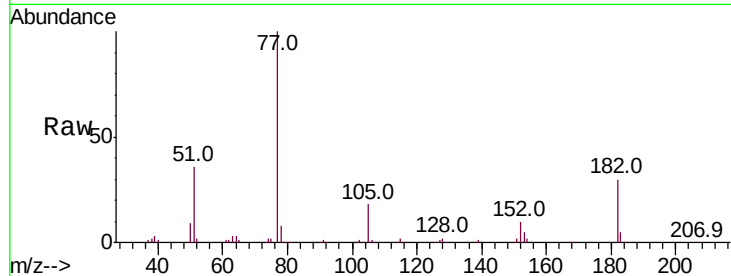
Ion Ratio Lower Upper

77 100

182 29.9 7.5 47.5

105 17.9 0.0 37.7

51 36.2 14.6 54.6

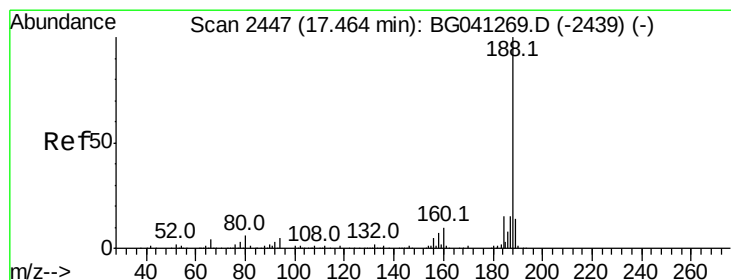
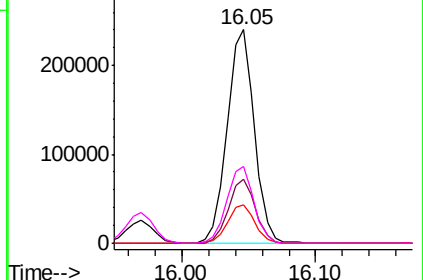
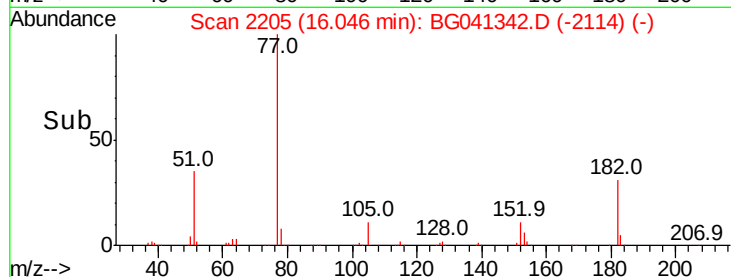


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

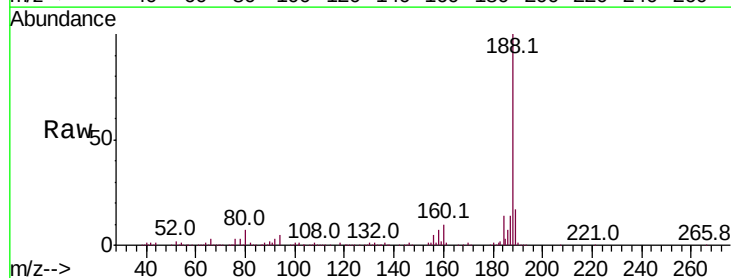
Tgt Ion: 188 Resp: 259204

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

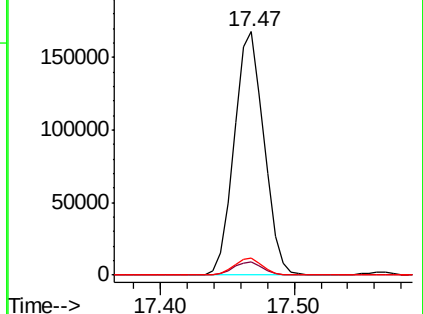
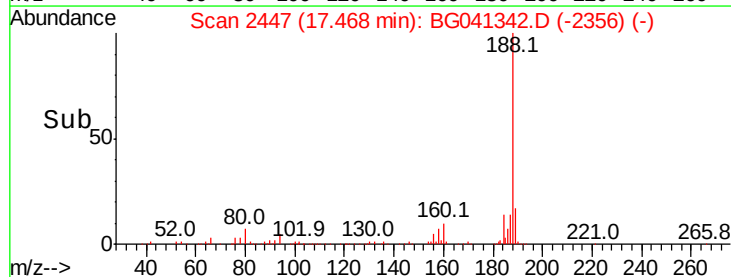
80 6.9 4.8 7.2

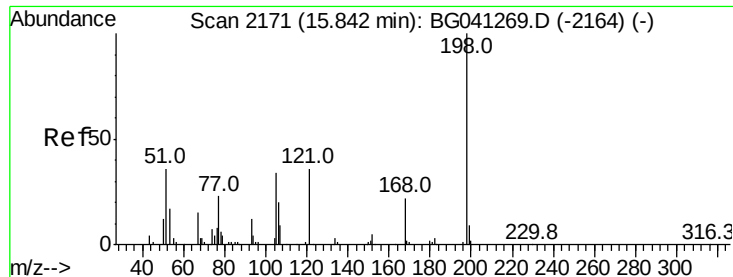


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 15.390 ng

RT: 15.85 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampled :

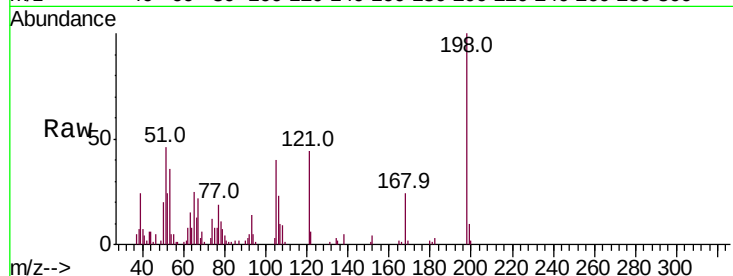
Tot Ion:198 Resp: 25893

Ion Ratio Lower Upper

198 100

51 46.3 23.4 63.4

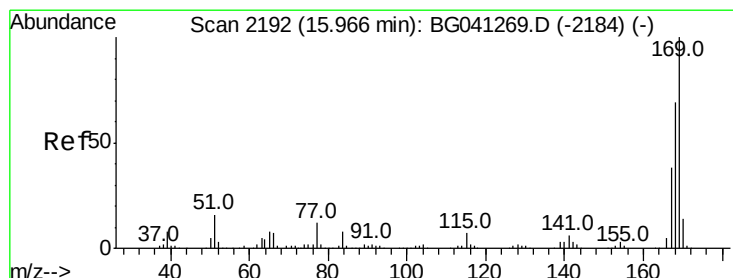
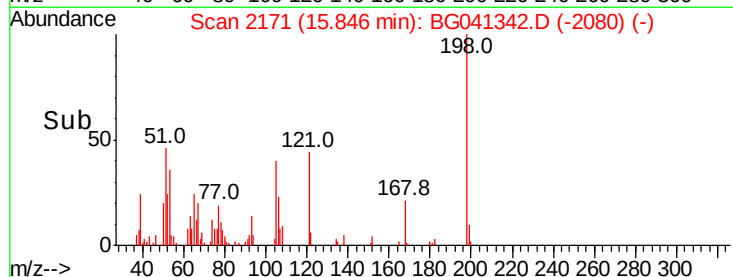
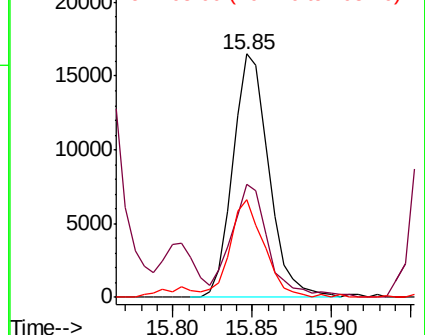
105 39.9 15.8 55.8



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



#66

n-Nitrosodiphenylamine

Concen: 45.229 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

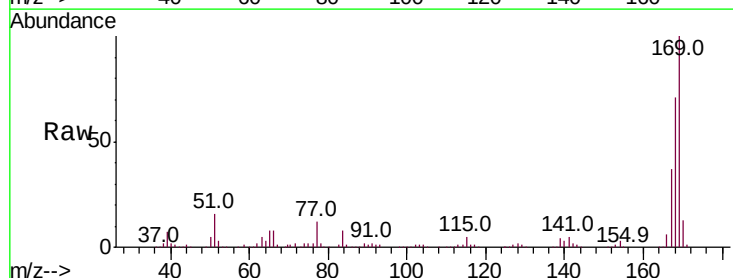
Tgt Ion:169 Resp: 311288

Ion Ratio Lower Upper

169 100

168 71.0 55.2 82.8

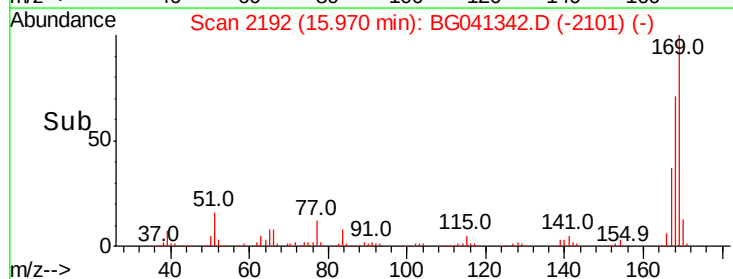
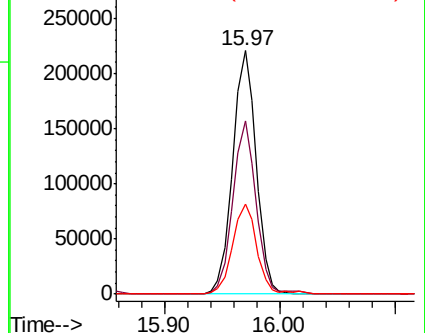
167 37.2 30.4 45.6

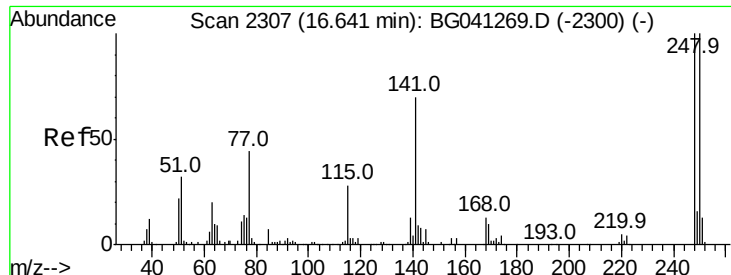


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

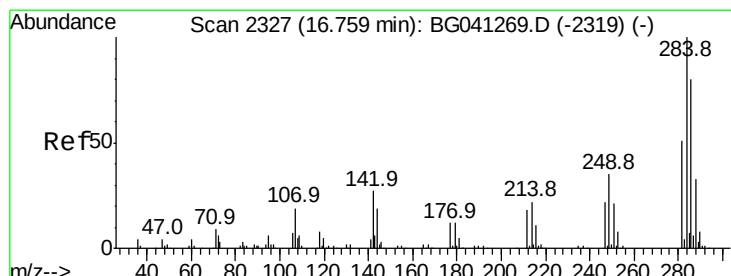
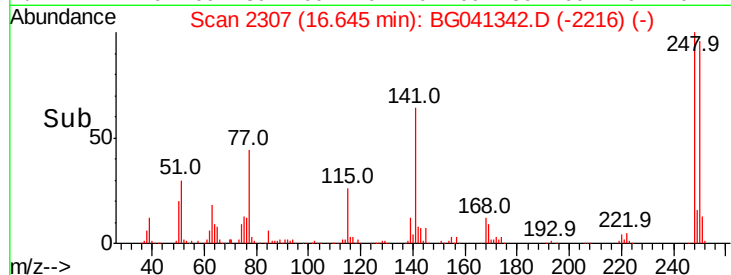
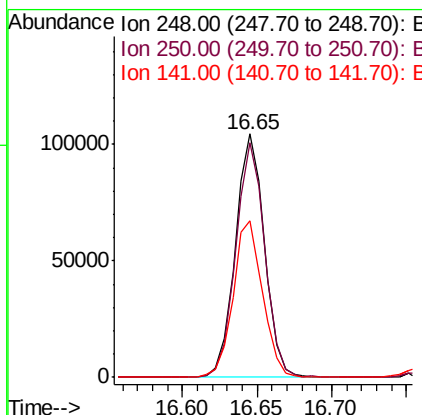
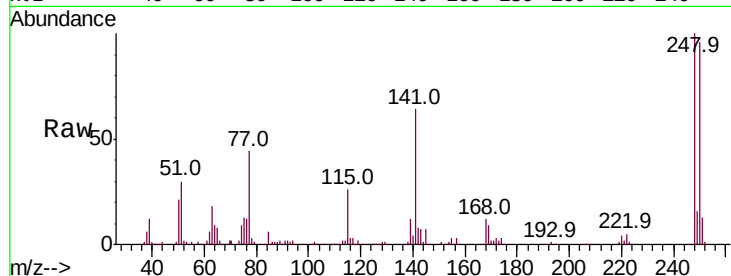




#67
 4-Bromophenyl-phenylether
 Concen: 42.213 ng
 RT: 16.65 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

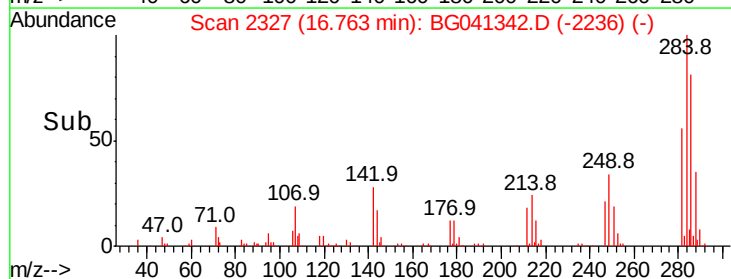
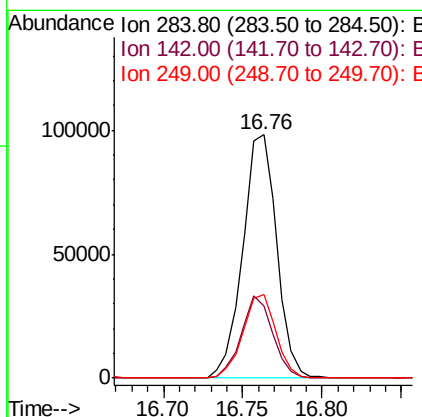
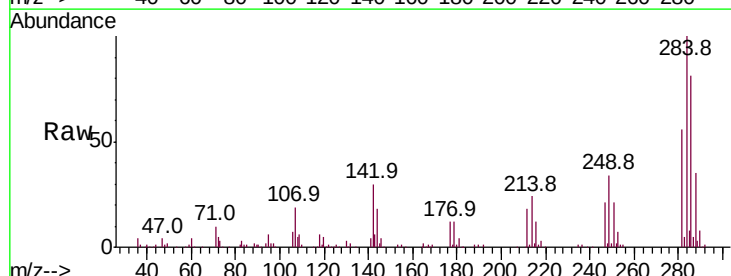
Instrument :
 BNA_G
 ClientSampleId :

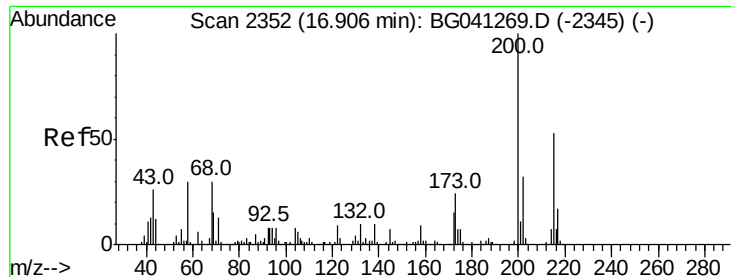
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.8	119.8
141	64.4	55.8	83.6



#68
 Hexachlorobenzene
 Concen: 40.635 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	21.8	32.8
249	34.4	27.8	41.6





#69

Atrazine

Concen: 60.411 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

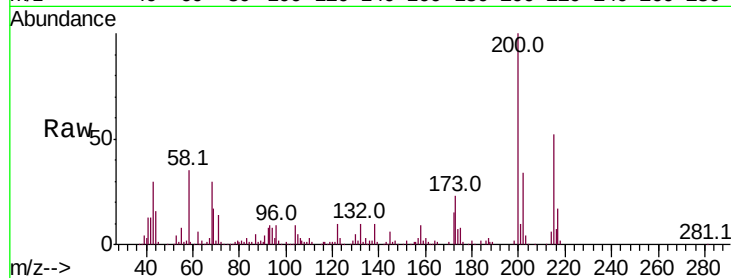
Tot Ion:200 Resp: 123995

Ion Ratio Lower Upper

200 100

173 23.4 4.0 44.0

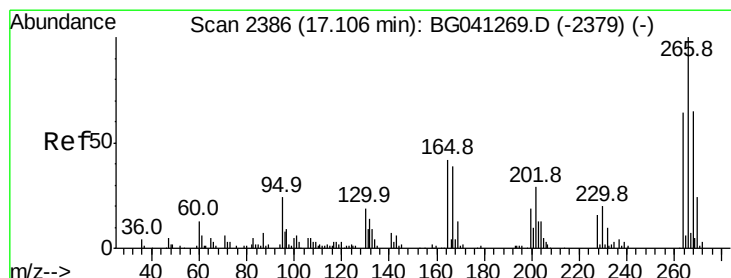
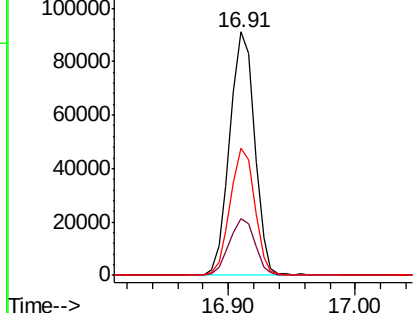
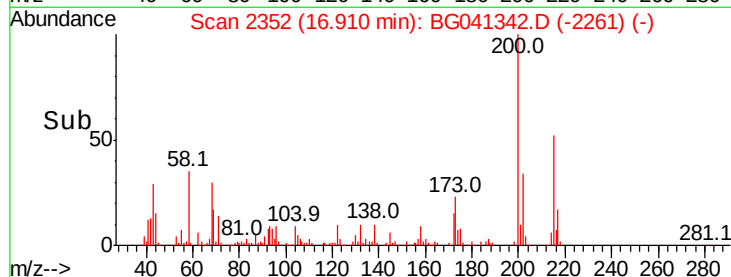
215 52.2 33.4 73.4



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



#70

Pentachlorophenol

Concen: 97.964 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

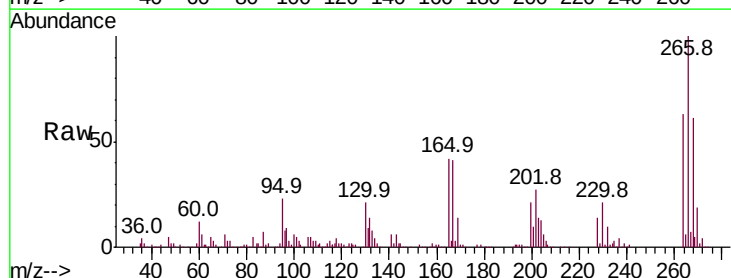
Tgt Ion:266 Resp: 180035

Ion Ratio Lower Upper

266 100

268 60.6 52.0 78.0

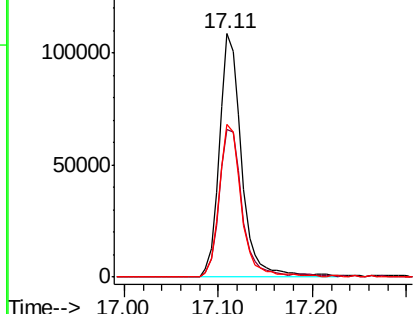
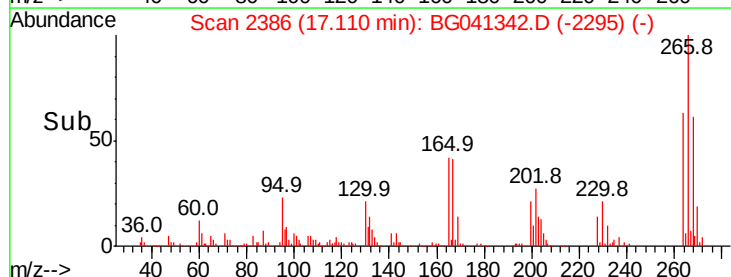
264 62.9 51.2 76.8

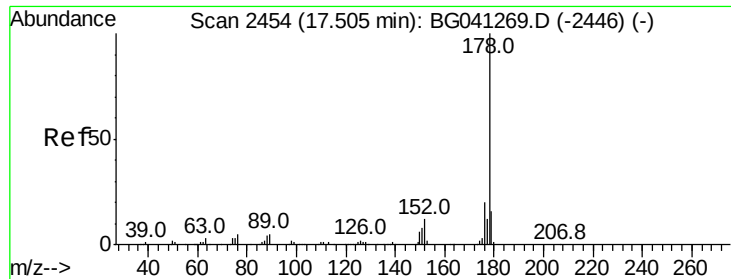


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

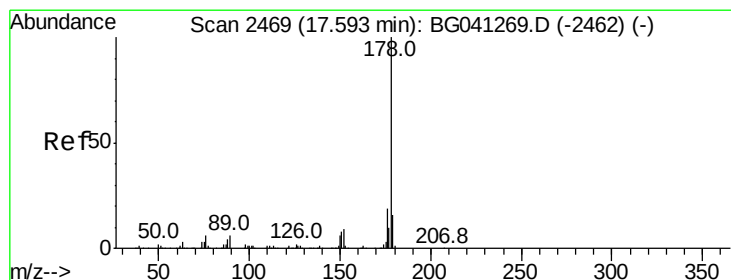
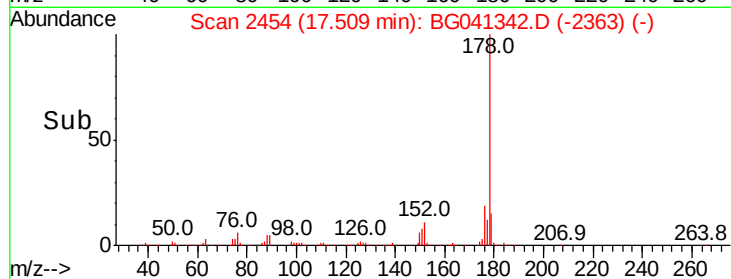
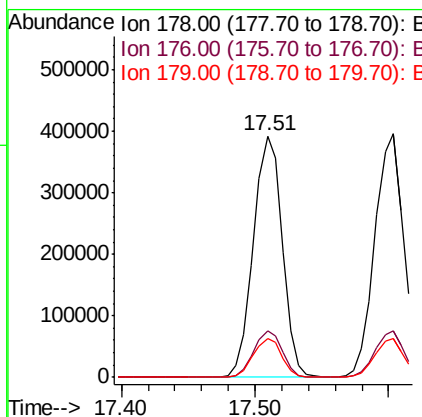
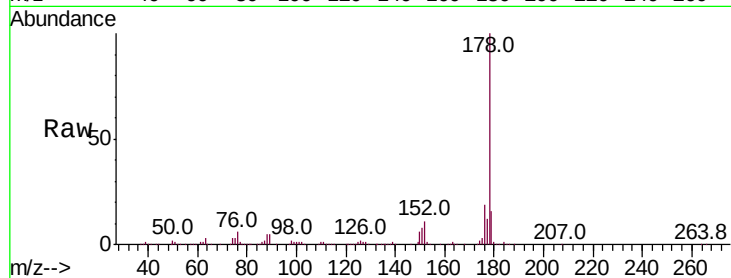




#71
 Phenanthrene
 Concen: 42.292 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

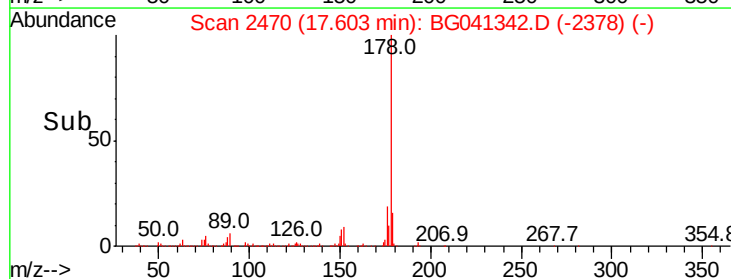
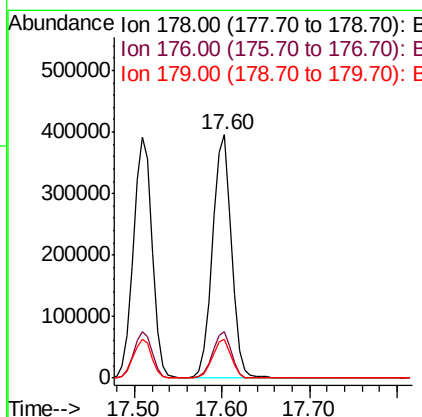
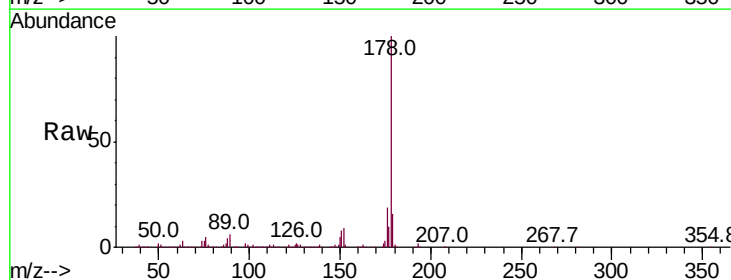
Instrument :
 BNA_G
 ClientSampled :

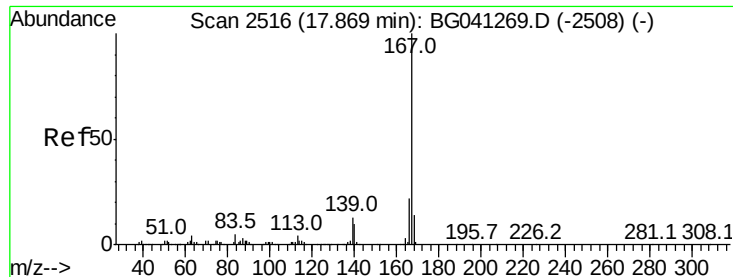
Tot Ion:178 Resp: 584663
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.1 24.1
 179 16.1 12.9 19.3



#72
 Anthracene
 Concen: 43.716 ng
 RT: 17.60 min Scan# 2470
 Delta R.T. 0.01 min
 Lab File: BG041342.D
 Acq: 20 Jun 2019 1:49

Tgt Ion:178 Resp: 595798
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.0 13.0 19.4





#73

Carbazole

Concen: 43.010 ng

RT: 17.87 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

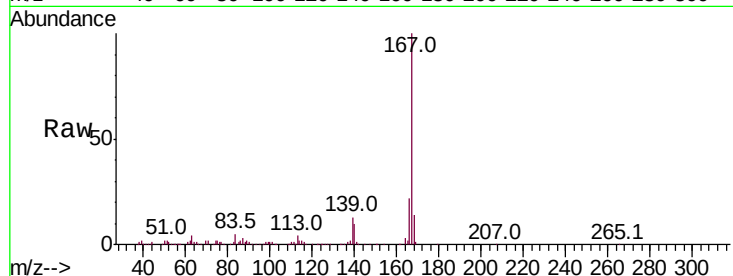
Tot Ion:167 Resp: 512773

Ion Ratio Lower Upper

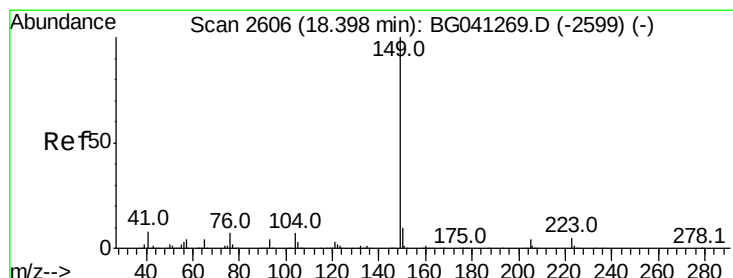
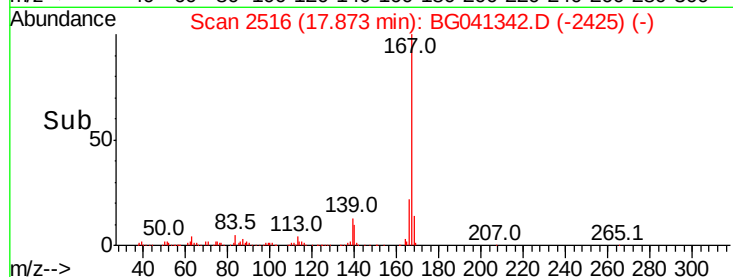
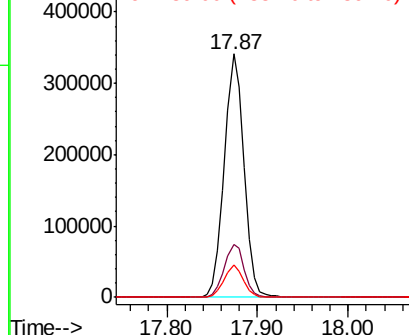
167 100

166 22.0 17.9 26.9

139 13.3 10.7 16.1



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



#74

Di-n-butylphthalate

Concen: 40.746 ng

RT: 18.40 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

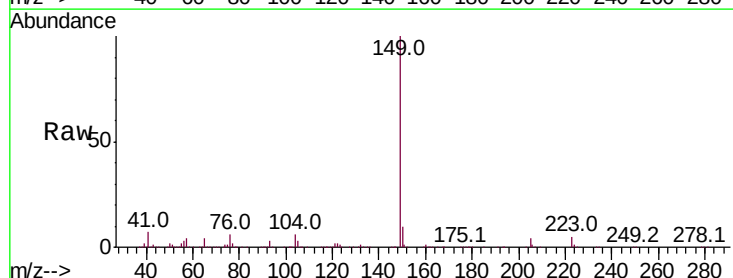
Tgt Ion:149 Resp: 606142

Ion Ratio Lower Upper

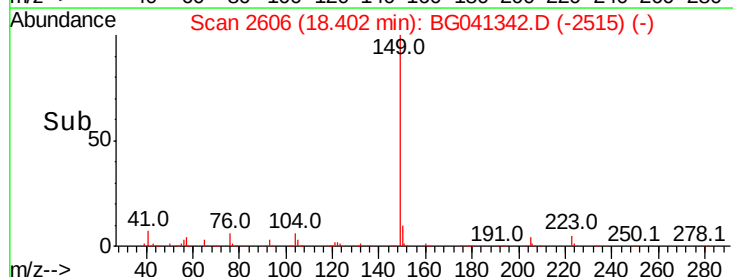
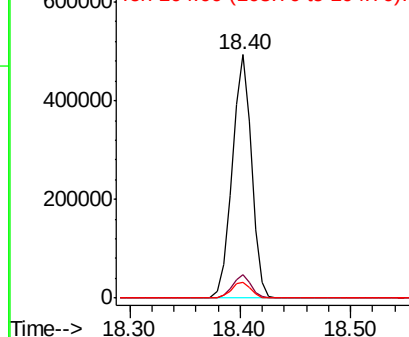
149 100

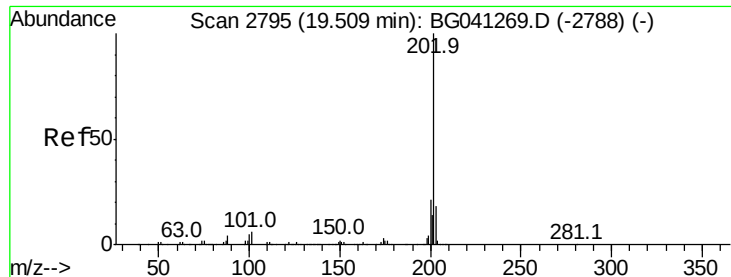
150 9.7 8.1 12.1

104 6.2 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.045 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

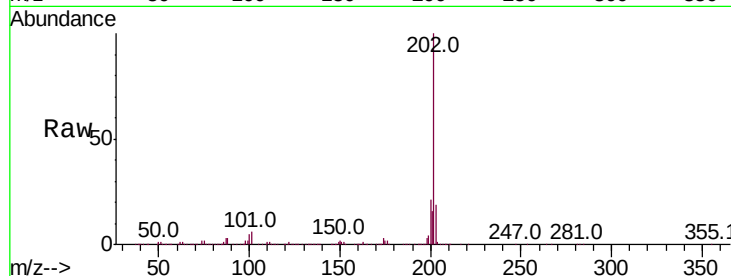
Tot Ion:202 Resp: 735453

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.0

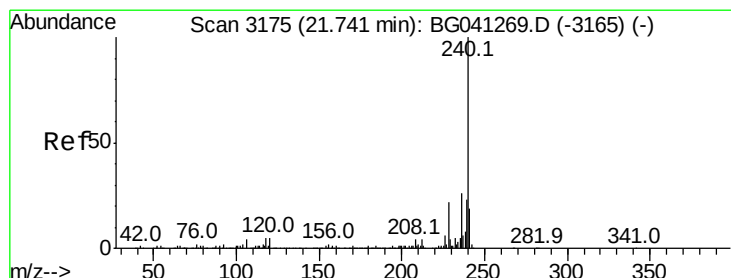
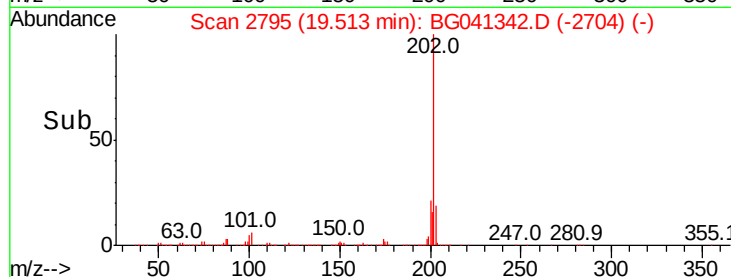
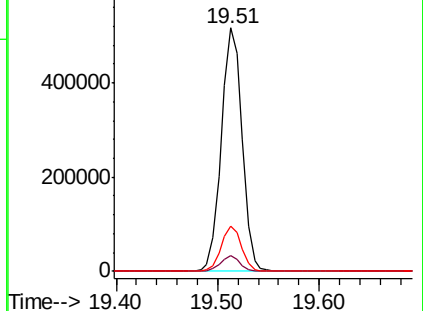
203 18.7 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

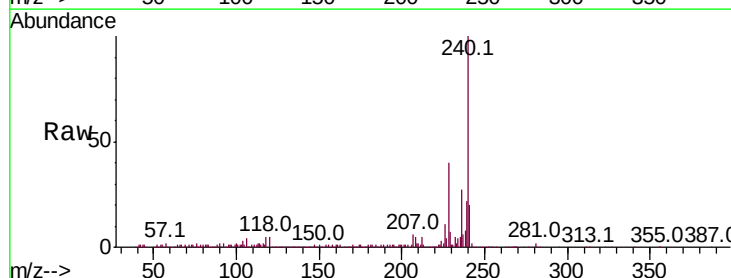
Tgt Ion:240 Resp: 244765

Ion Ratio Lower Upper

240 100

120 4.9 3.7 5.5

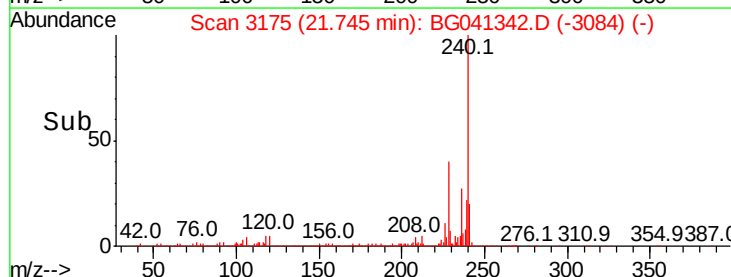
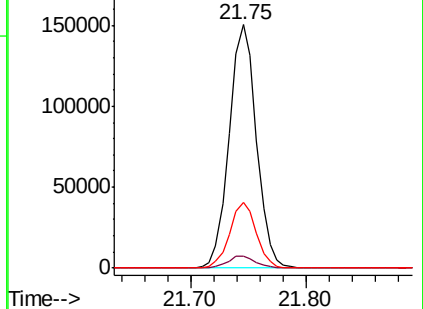
236 27.1 21.1 31.7

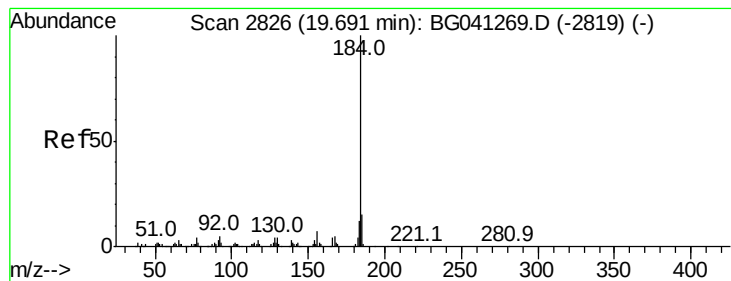


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.212 ng

RT: 19.70 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

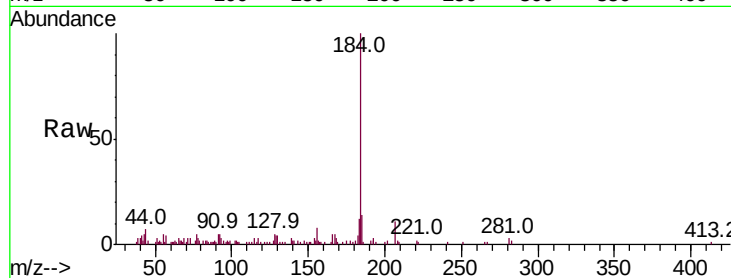
Tot Ion:184 Resp: 42695

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

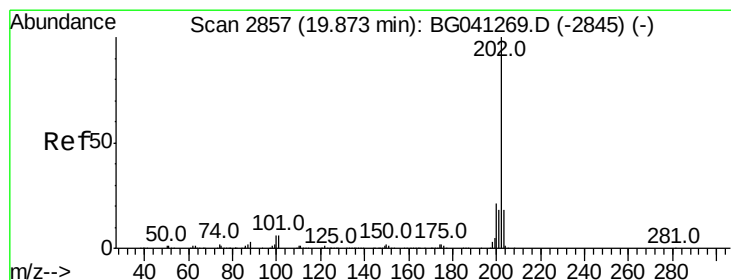
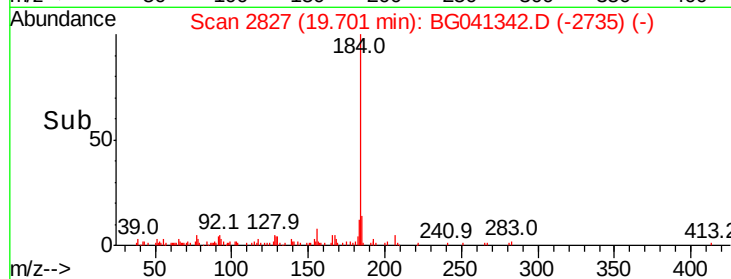
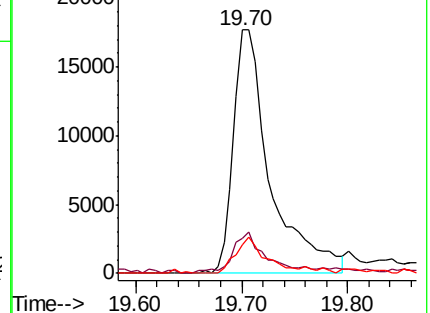
183 11.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.776 ng

RT: 19.88 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

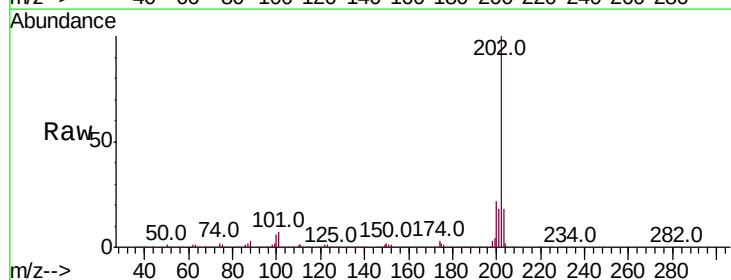
Tgt Ion:202 Resp: 739118

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

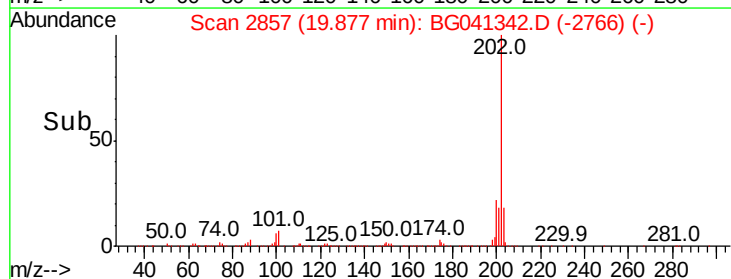
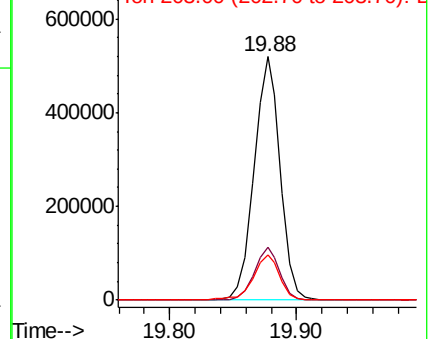
203 18.4 14.6 21.8

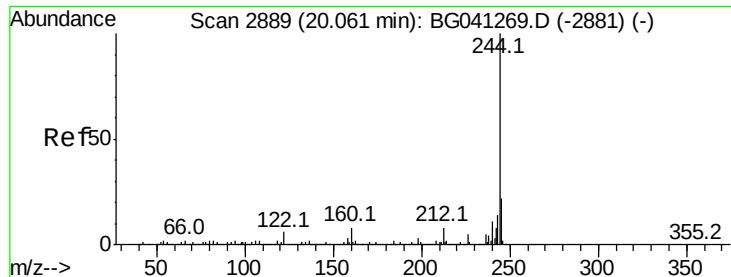


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.697 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

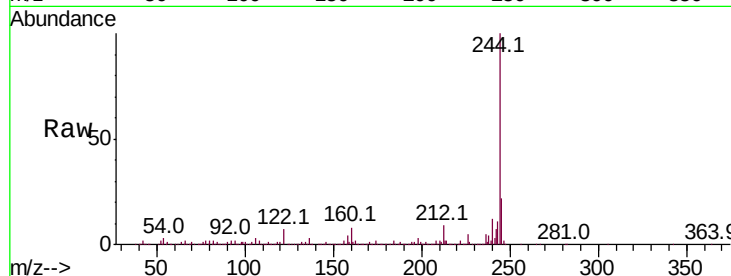
Tot Ion:244 Resp: 1157223

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

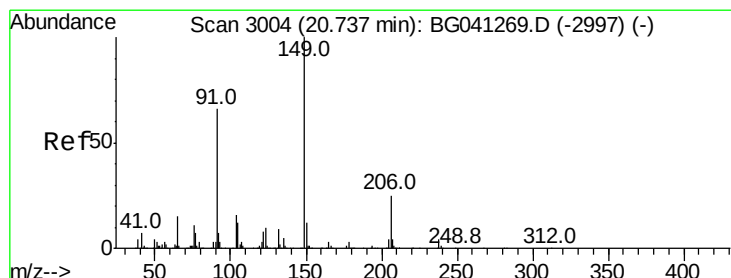
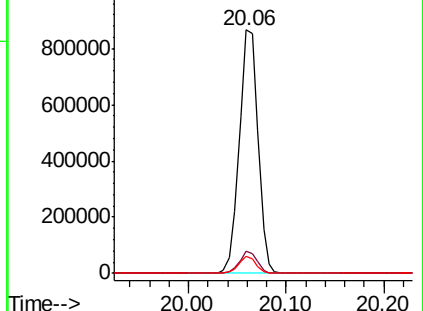
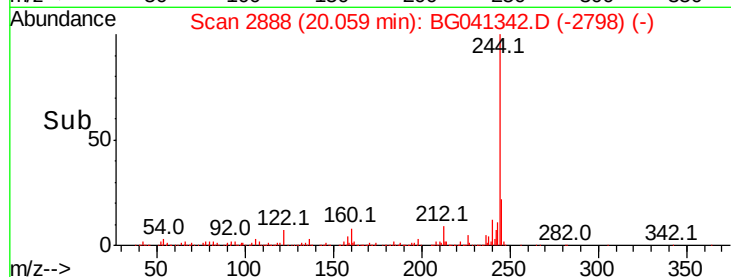
122 7.0 5.0 7.4



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



#80

Butylbenzylphthalate

Concen: 42.667 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

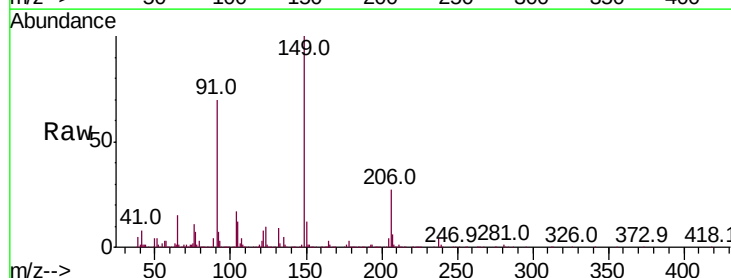
Tgt Ion:149 Resp: 266402

Ion Ratio Lower Upper

149 100

91 70.2 53.2 79.8

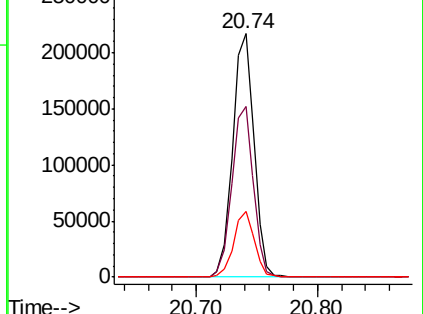
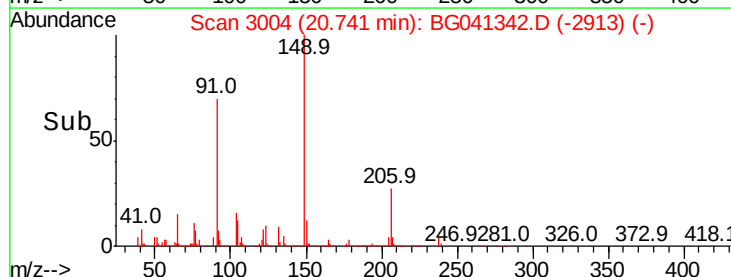
206 27.1 20.3 30.5

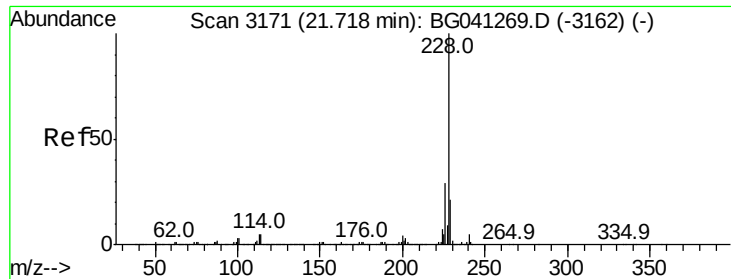


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

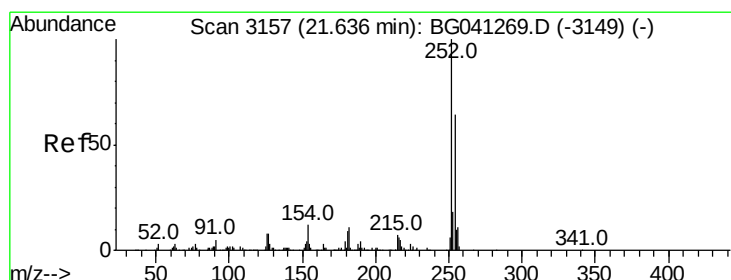
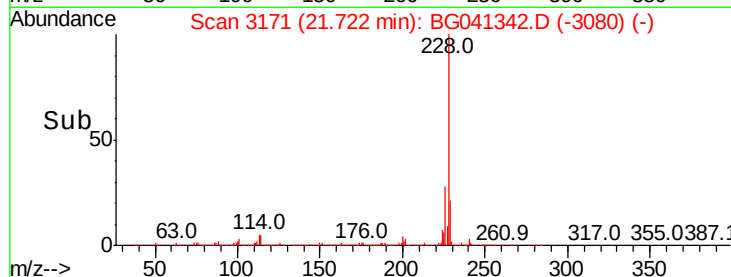
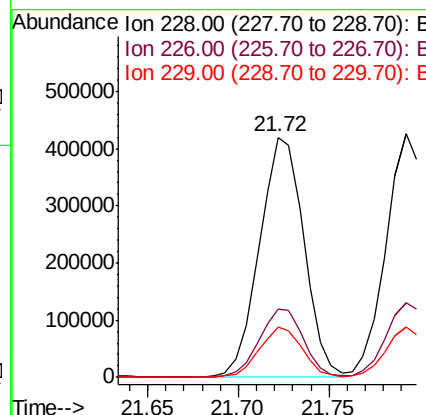
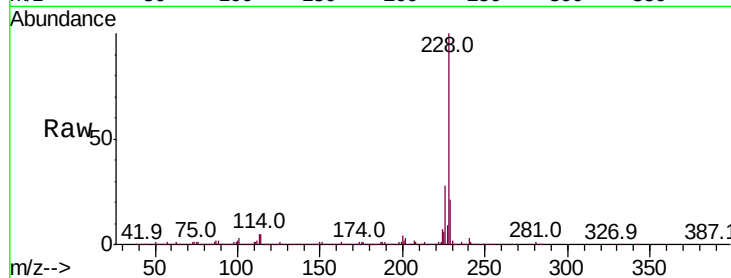




#81
Benzo(a)anthracene
Concen: 43.087 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

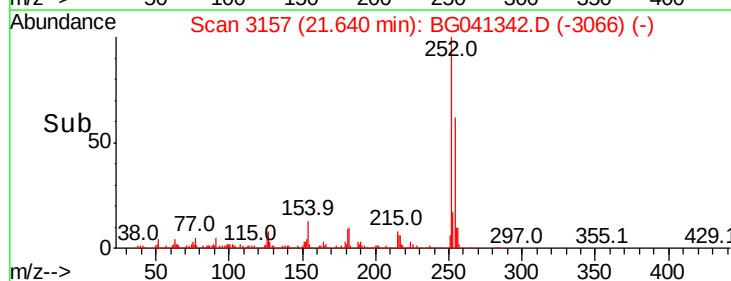
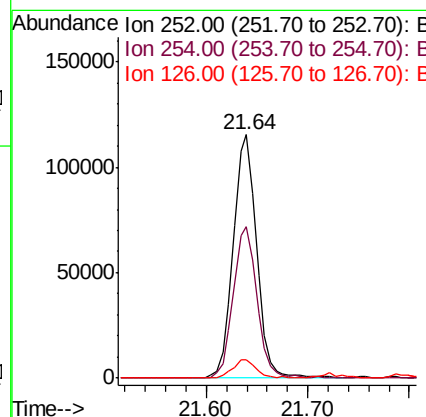
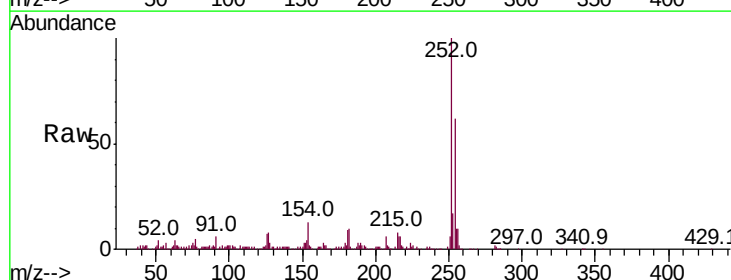
Instrument :
BNA_G
ClientSampleId :

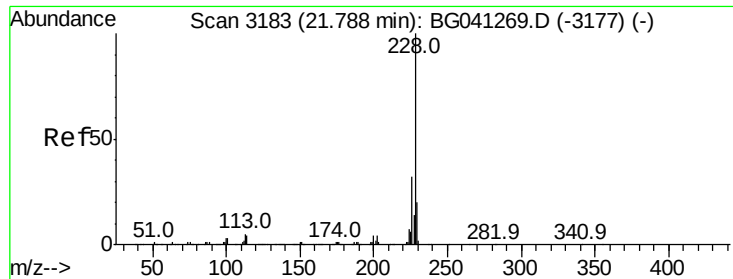
Tot Ion:228 Resp: 714070
Ion Ratio Lower Upper
228 100
226 28.3 23.2 34.8
229 20.9 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 31.889 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion:252 Resp: 185518
Ion Ratio Lower Upper
252 100
254 62.3 51.4 77.0
126 7.3 6.0 9.0





#83

Chrysene

Concen: 43.275 ng

RT: 21.79 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

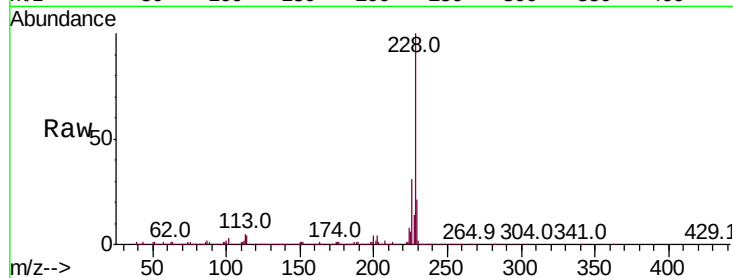
Tot Ion:228 Resp: 689700

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

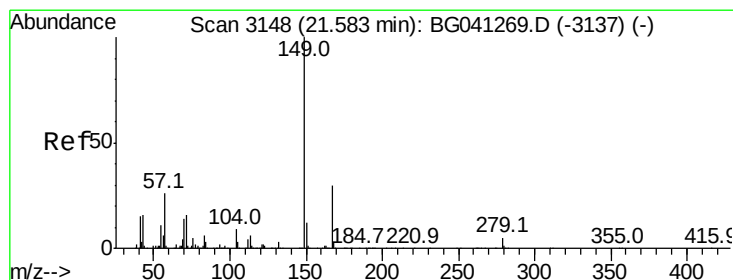
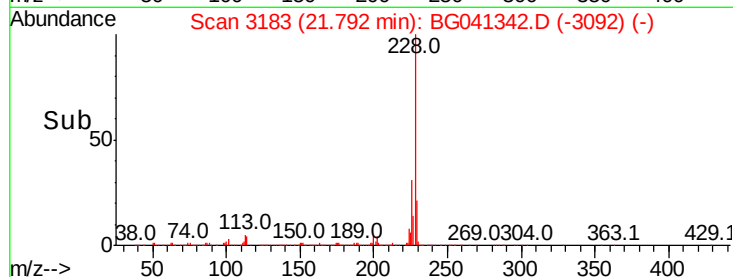
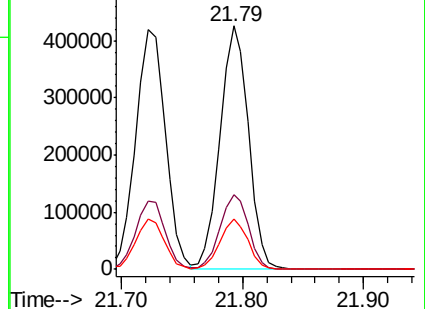
229 20.9 16.2 24.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.940 ng

RT: 21.59 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

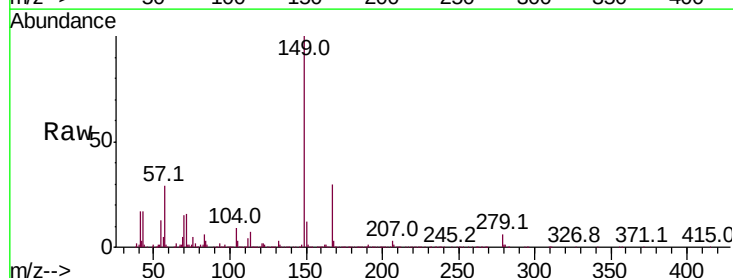
Tgt Ion:149 Resp: 365375

Ion Ratio Lower Upper

149 100

167 30.2 23.8 35.8

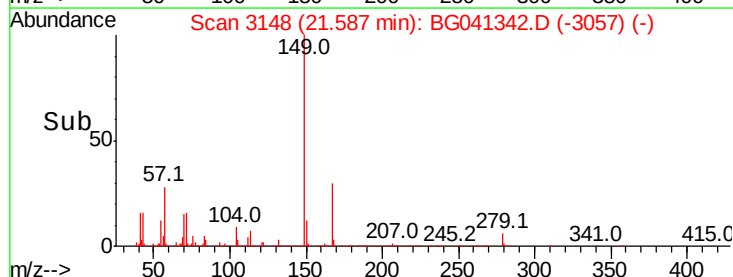
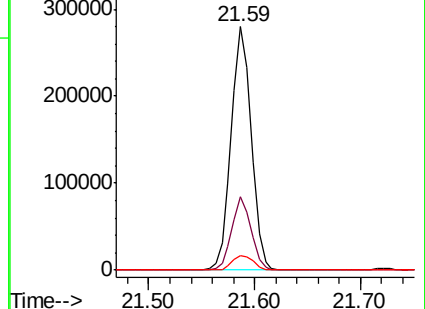
279 6.1 4.4 6.6

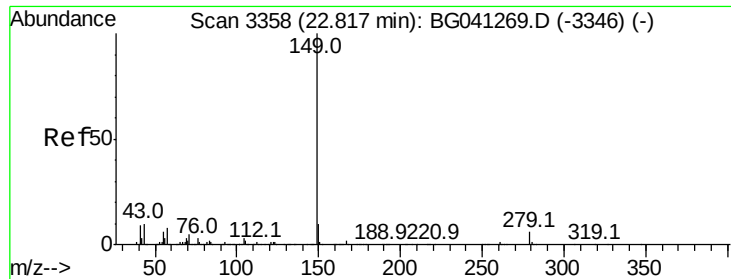


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.663 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

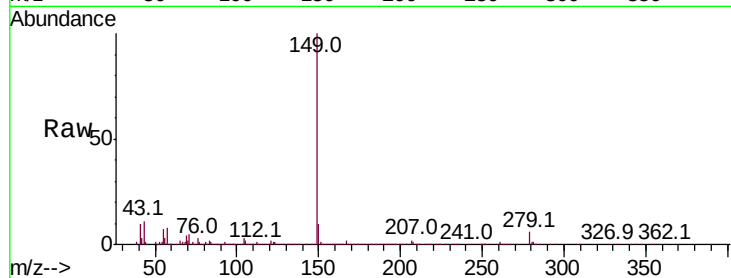
Tot Ion:149 Resp: 628565

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

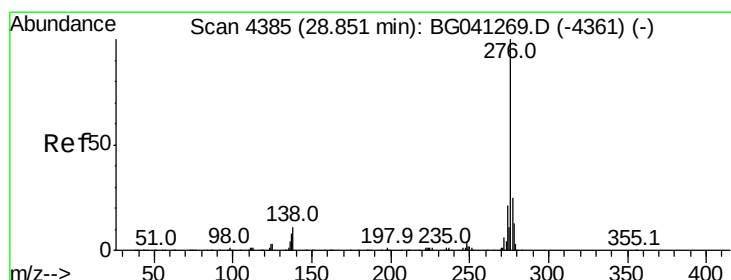
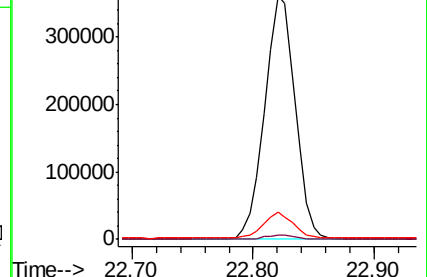
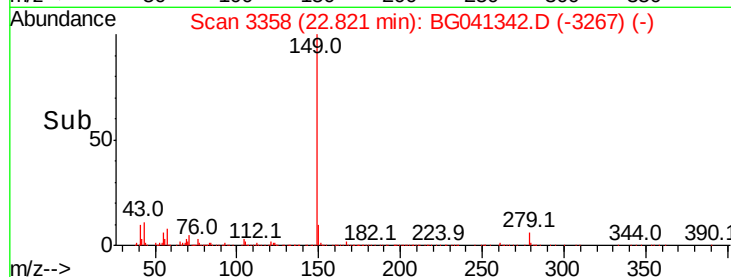
43 10.4 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.362 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

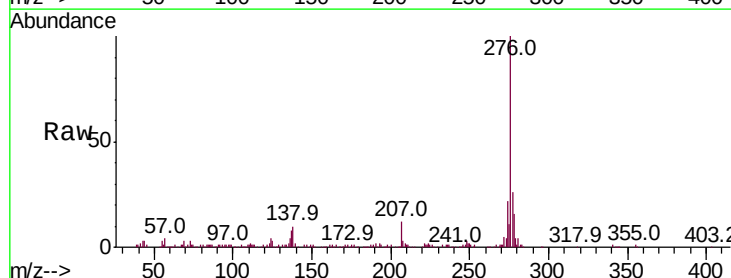
Tgt Ion:276 Resp: 517383

Ion Ratio Lower Upper

276 100

138 5.3 7.7 11.5#

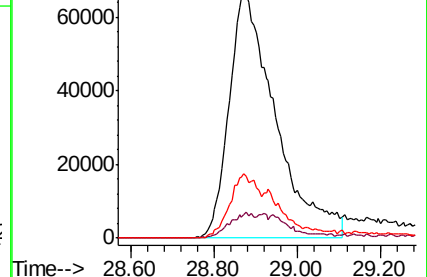
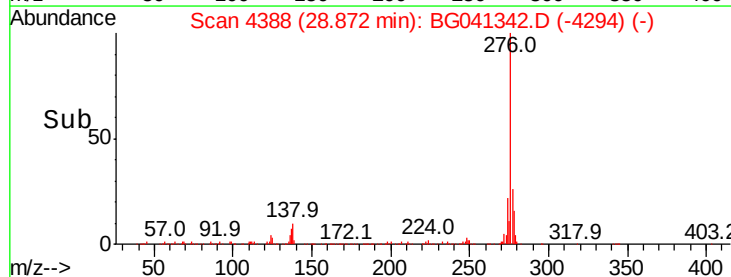
277 15.6 20.6 31.0#

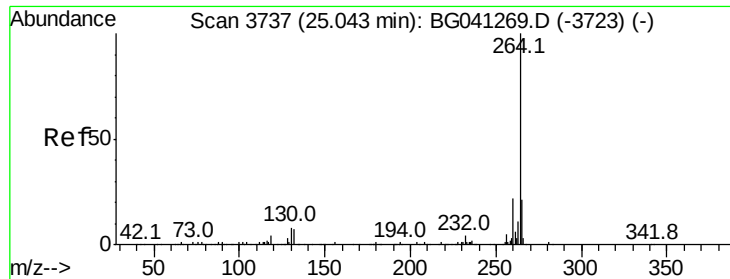


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

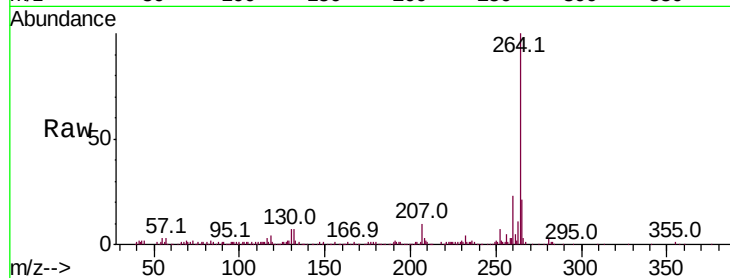




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3739
Delta R.T. 0.02 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.2
265	21.1	17.2	25.8

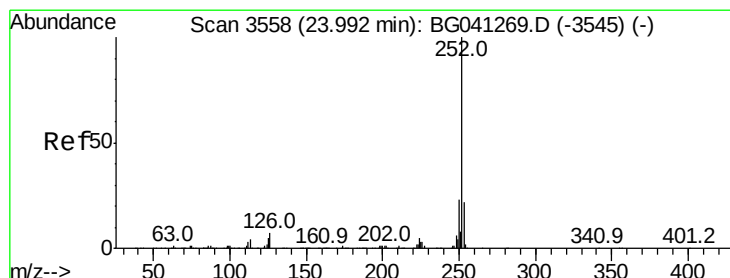
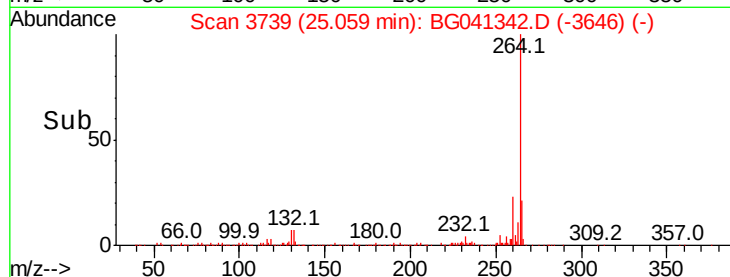
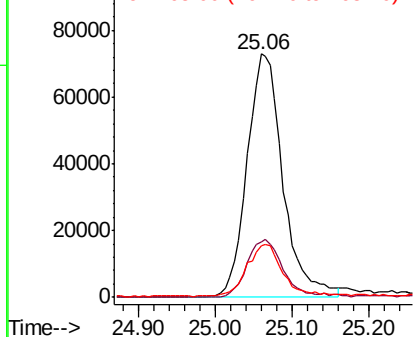


Abundance

Ion 264.00 (263.70 to 264.70): E

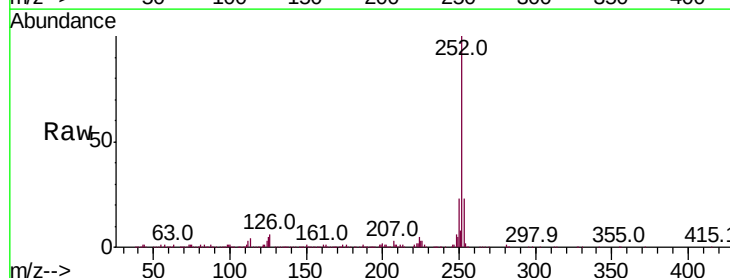
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.021 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.08 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	5.0	3.9	5.9

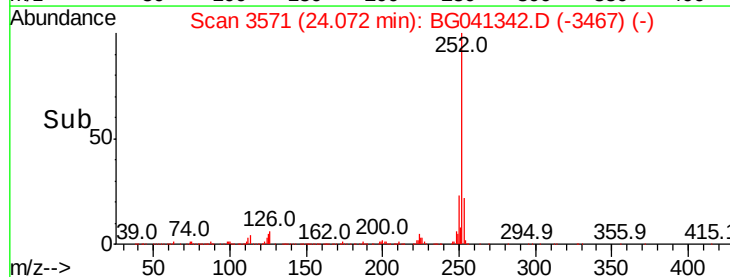
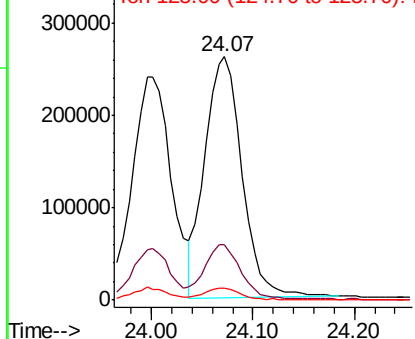


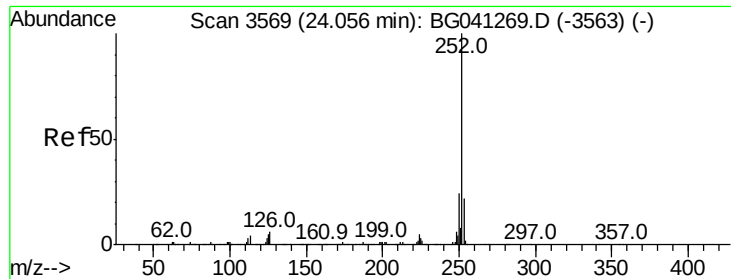
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

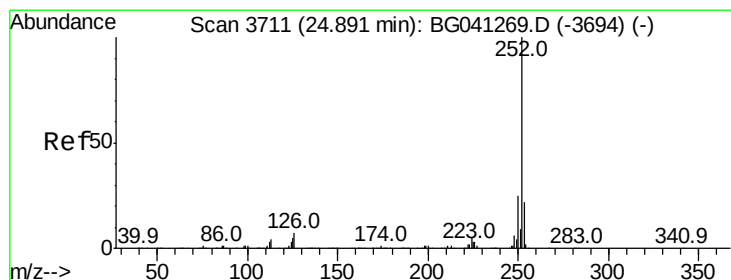
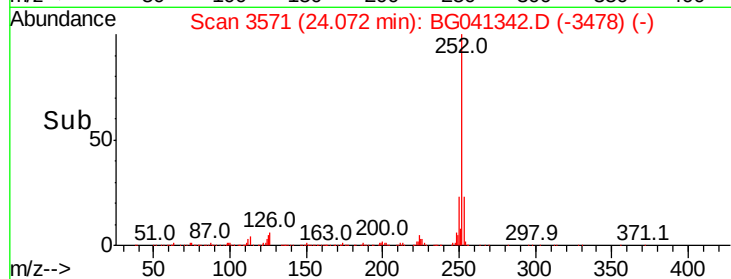
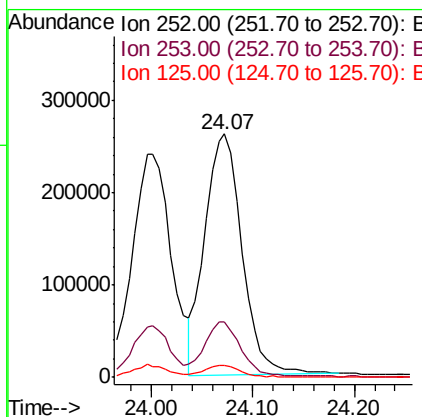
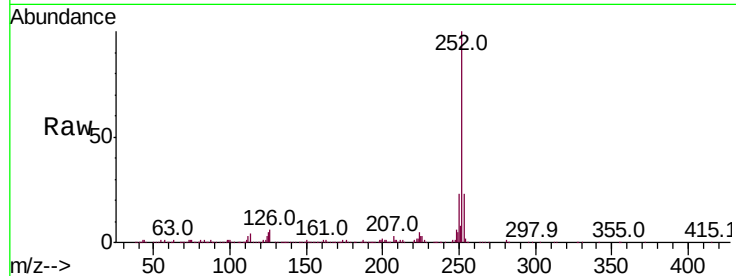




#89
Benzo(k)fluoranthene
Concen: 45.447 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.02 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

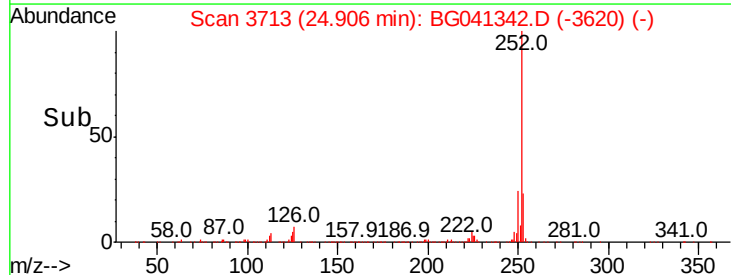
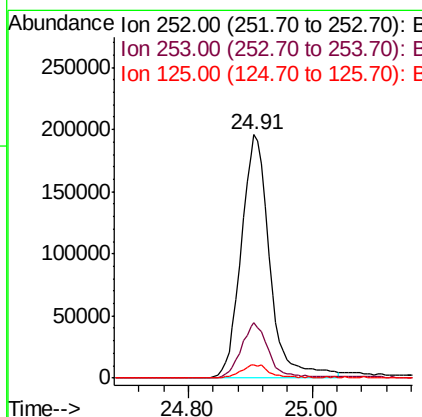
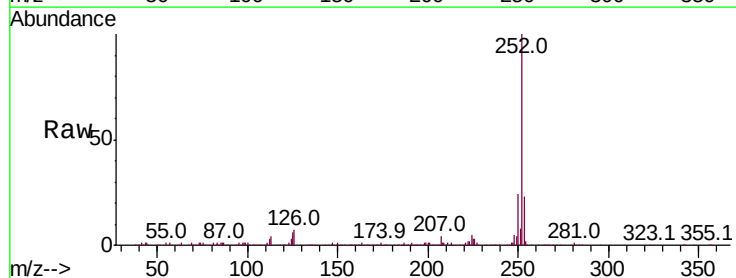
Instrument :
BNA_G
ClientSampleId :

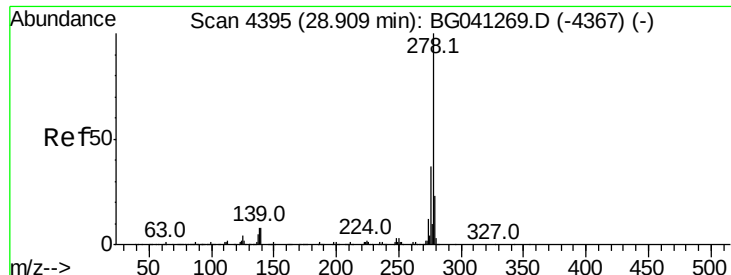
Tot Ion:252 Resp: 663210
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 5.0 4.3 6.5



#90
Benzo(a)pyrene
Concen: 44.919 ng
RT: 24.91 min Scan# 3713
Delta R.T. 0.02 min
Lab File: BG041342.D
Acq: 20 Jun 2019 1:49

Tgt Ion:252 Resp: 624922
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 5.6 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 29.342 ng

RT: 28.94 min Scan# 4399

Delta R.T. 0.03 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA_G

ClientSampleId :

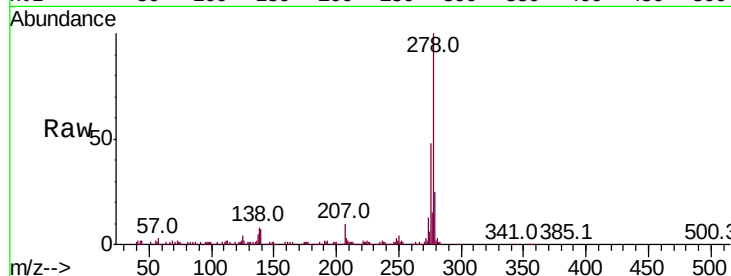
Tot Ion:278 Resp: 410968

Ion Ratio Lower Upper

278 100

139 6.7 6.6 10.0

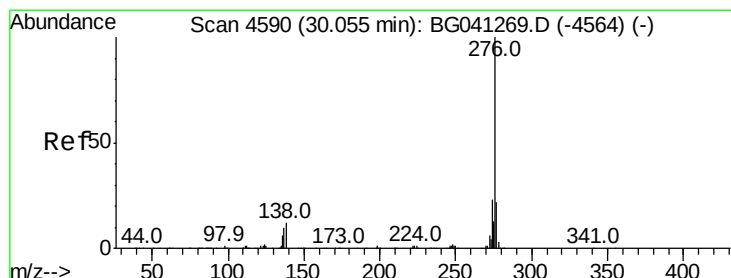
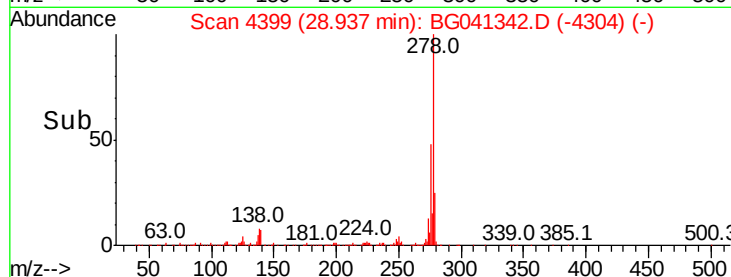
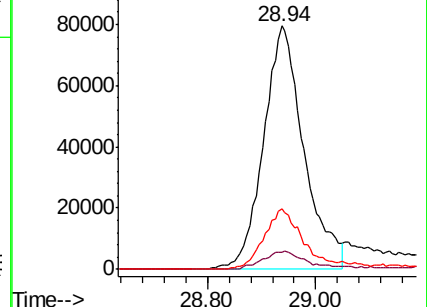
279 24.9 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 23.170 ng

RT: 30.08 min Scan# 4593

Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

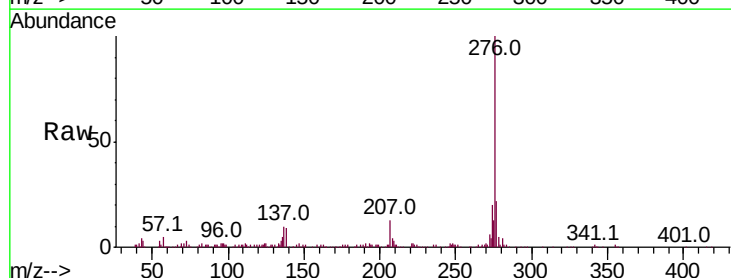
Tgt Ion:276 Resp: 320714

Ion Ratio Lower Upper

276 100

277 22.0 17.9 26.9

138 9.1 9.4 14.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

