

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
 Data File : BG041353.D
 Acq On : 20 Jun 2019 12:39
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 15:53:31 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	8.07	152	21566	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	100536	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	82423	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	225502	20.00	ng	0.00
76) Chrysene-d12	21.73	240	221313	20.00	ng	0.00
87) Perylene-d12	25.04	264	234141	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	93453	79.62	ng	0.00
7) Phenol-d6	7.23	99	145061	85.26	ng	0.00
23) Nitrobenzene-d5	9.25	82	182734	76.44	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	99755	78.83	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	448941	74.03	ng	0.00
79) Terphenyl-d14	20.05	244	916396	82.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	20812	35.361	ng	98
3) Pyridine	3.88	79	60800	38.941	ng	96
4) n-Nitrosodimethylamine	3.80	42	33026	39.664	ng	# 95
6) Aniline	7.40	93	103851	43.915	ng	97
8) 2-Chlorophenol	7.63	128	56394	40.891	ng	92
9) Benzaldehyde	7.21	77	43049	39.561	ng	98
10) Phenol	7.25	94	76684	41.915	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	55448	39.944	ng	96
12) 1,3-Dichlorobenzene	7.96	146	70371	40.752	ng	95
13) 1,4-Dichlorobenzene	8.11	146	70605	40.028	ng	93
14) 1,2-Dichlorobenzene	8.43	146	67071	39.810	ng	97
15) Benzyl Alcohol	8.32	79	63687	39.071	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	92877	40.871	ng	99
17) 2-Methylphenol	8.52	107	55974	42.795	ng	95
18) Hexachloroethane	9.15	117	27663	39.576	ng	93
19) n-Nitroso-di-n-propylamine	8.88	70	60518	43.981	ng	95
20) 3+4-Methylphenols	8.85	107	79241	45.509	ng	94
22) Acetophenone	8.91	105	113997	38.965	ng	# 98
24) Nitrobenzene	9.30	77	92108	38.311	ng	98
25) Isophorone	9.81	82	178706	40.747	ng	99
26) 2-Nitrophenol	10.01	139	37898	38.881	ng	94
27) 2,4-Dimethylphenol	10.05	122	58792	40.240	ng	96
28) bis(2-Chloroethoxy)methane	10.29	93	89601	39.210	ng	95
29) 2,4-Dichlorophenol	10.54	162	73617	40.637	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	85246	36.742	ng	98
31) Naphthalene	10.94	128	212668	38.922	ng	98
32) Benzoic acid	10.20	122	41270	43.392	ng	97
33) 4-Chloroaniline	11.06	127	99793	43.004	ng	97
34) Hexachlorobutadiene	11.20	225	65958	35.814	ng	97
35) Caprolactam	11.86	113	29630	47.510	ng	97
36) 4-Chloro-3-methylphenol	12.17	107	91067	43.520	ng	99
37) 2-Methylnaphthalene	12.54	142	163117	40.533	ng	97
38) 1-Methylnaphthalene	12.76	142	155431	40.368	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	123016	36.144	ng	100

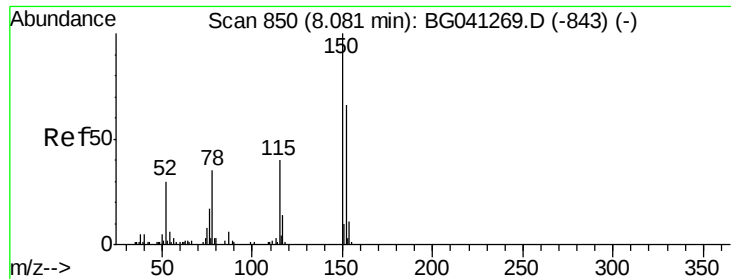
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
 Data File : BG041353.D
 Acq On : 20 Jun 2019 12:39
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 15:53:31 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)
41) Hexachlorocyclopentadiene	12.87	237	75677	33.010	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	80494	38.231	nq	98
44) 2,4,5-Trichlorophenol	13.22	196	85696	39.557	nq	98
46) 1,1'-Biphenyl	13.54	154	229584	36.845	nq	99
47) 2-Chloronaphthalene	13.59	162	198849	37.066	nq	98
48) 2-Nitroaniline	13.81	65	78740	40.077	nq	93
49) Acenaphthylene	14.44	152	311783	38.300	nq	99
50) Dimethylphthalate	14.16	163	292209	39.845	nq	99
51) 2,6-Dinitrotoluene	14.29	165	61025	39.464	nq	96
52) Acenaphthene	14.78	154	185749	38.857	nq	98
53) 3-Nitroaniline	14.63	138	64362	42.246	nq	99
54) 2,4-Dinitrophenol	14.84	184	40587	39.138	nq	88
55) Dibenzofuran	15.11	168	327526	39.407	nq	98
56) 4-Nitrophenol	14.93	139	43339	39.156	nq	99
57) 2,4-Dinitrotoluene	15.08	165	91418	40.443	nq	98
58) Fluorene	15.76	166	262047	40.080	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	90810	40.535	nq	100
60) Diethylphthalate	15.51	149	301387	40.432	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	170745	40.139	nq	96
62) 4-Nitroaniline	15.79	138	68943	42.311	nq	96
63) Azobenzene	16.03	77	267369	40.206	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	57779	39.475	nq	93
66) n-Nitrosodiphenylamine	15.96	169	233712	39.032	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	113536	38.938	nq	95
68) Hexachlorobenzene	16.75	284	121165	38.806	nq	97
69) Atrazine	16.90	200	91475	41.344	nq	94
70) Pentachlorophenol	17.10	266	63310	39.598	nq	96
71) Phenanthrene	17.50	178	472861	39.317	nq	99
72) Anthracene	17.59	178	472237	39.828	nq	98
73) Carbazole	17.87	167	404624	39.011	nq	98
74) Di-n-butylphthalate	18.39	149	508876	39.320	nq	99
75) Fluoranthene	19.50	202	612129	38.311	nq	98
77) Benzidine	19.69	184	234349	43.779	nq	98
78) Pyrene	19.87	202	607766	40.720	nq	99
80) Butylbenzylphthalate	20.73	149	223872	39.655	nq	97
81) Benzo(a)anthracene	21.71	228	585100	39.046	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	208063	39.554	nq	99
83) Chrysene	21.78	228	560455	38.892	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	301870	39.236	nq	98
85) Di-n-octyl phthalate	22.81	149	512396	39.365	nq	100
86) Indeno(1,2,3-cd)pyrene	28.84	276	652072	38.139	nq	99
88) Benzo(b)fluoranthene	23.98	252	555976	38.315	nq	99
89) Benzo(k)fluoranthene	24.05	252	543675	37.822	nq	99
90) Benzo(a)pyrene	24.89	252	526763	38.439	nq	98
91) Dibenzo(a,h)anthracene	28.91	278	530383	38.443	nq	98
92) Benzo(g,h,i)perylene	30.03	276	517271	37.939	nq	97

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

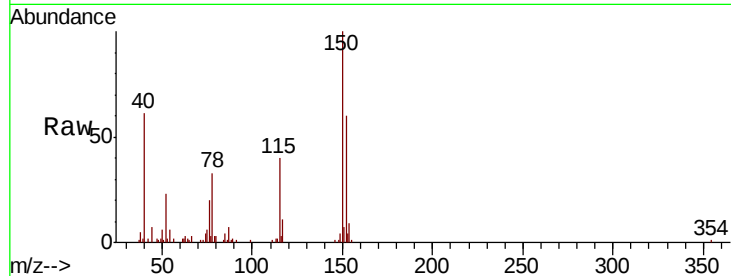


#1

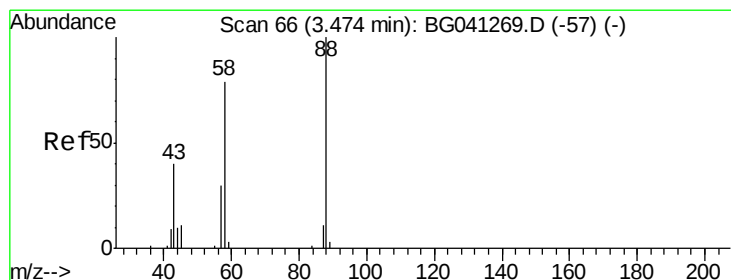
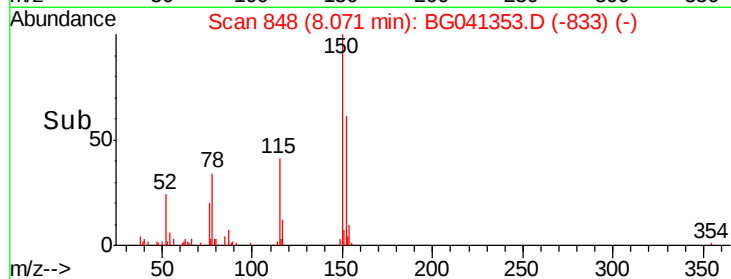
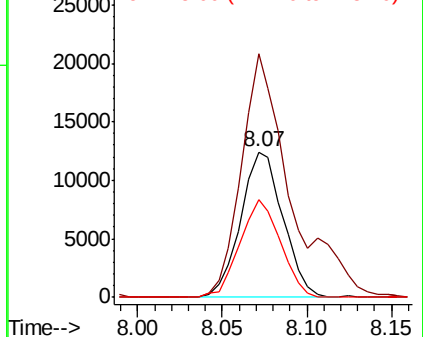
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 21566
 Ion Ratio Lower Upper
 152 100
 150 167.8 120.6 181.0
 115 67.3 47.9 71.9



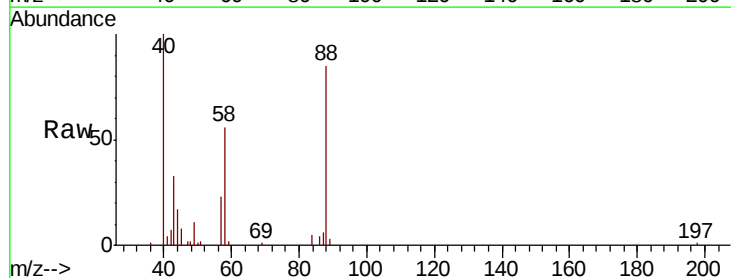
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



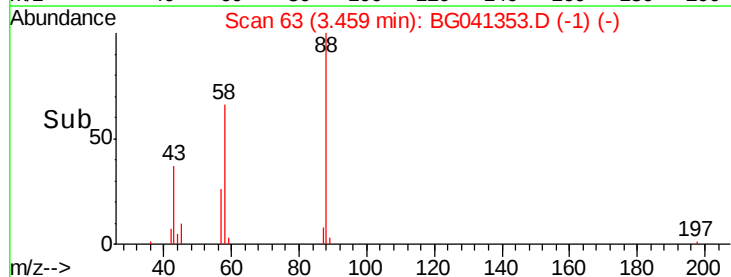
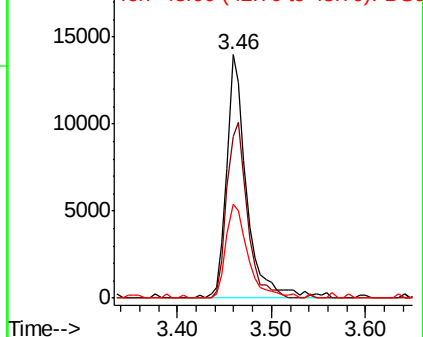
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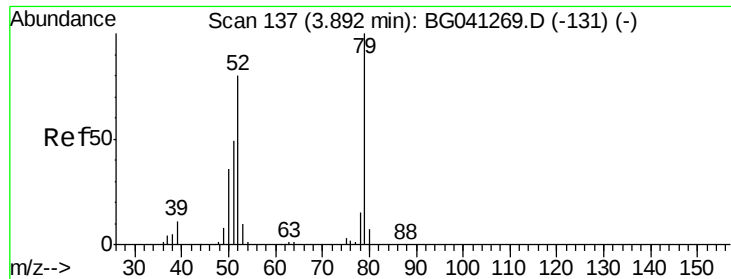
1,4-Dioxane
 Concen: 35.361 ng
 RT: 3.46 min Scan# 63
 Delta R.T. -0.02 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion: 88 Resp: 20812
 Ion Ratio Lower Upper
 88 100
 58 73.3 59.7 89.5
 43 41.9 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

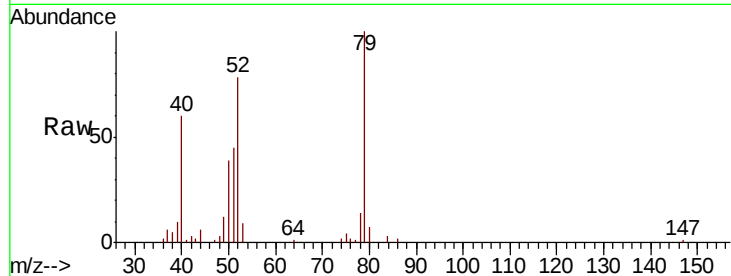




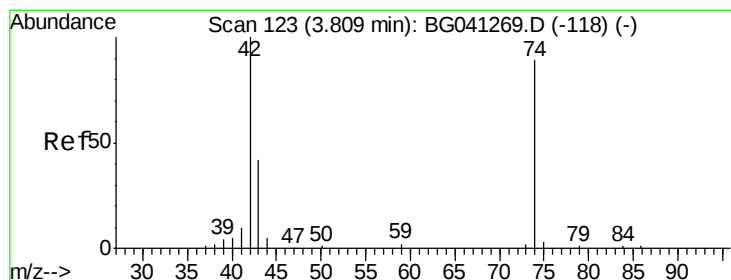
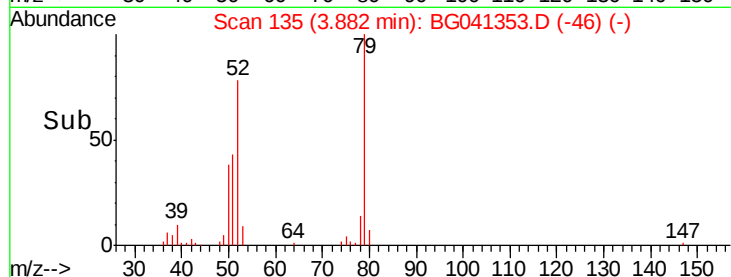
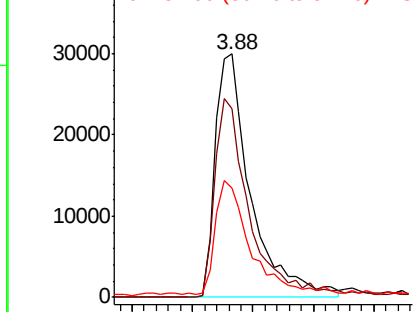
#3
 Pvridine
 Concen: 38.941 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 79 Resp: 60800
 Ion Ratio Lower Upper
 79 100
 52 77.6 63.6 95.4
 51 45.0 39.8 59.6

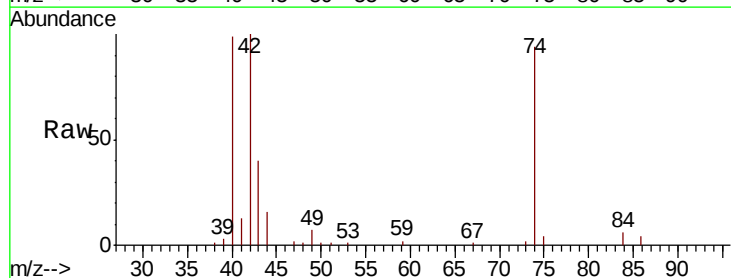


Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC

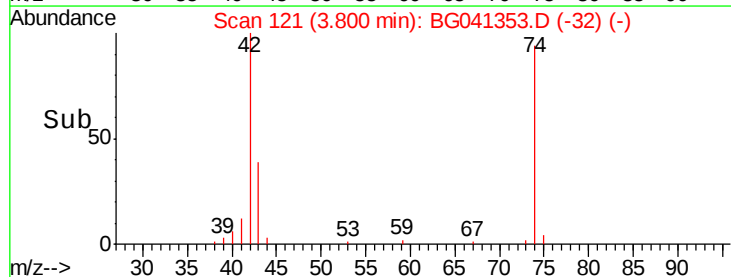
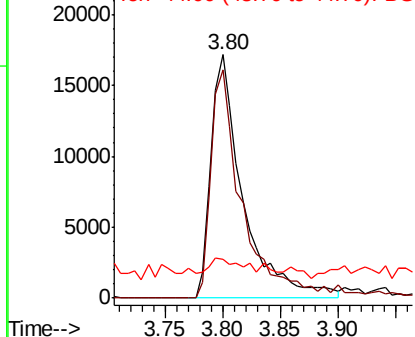


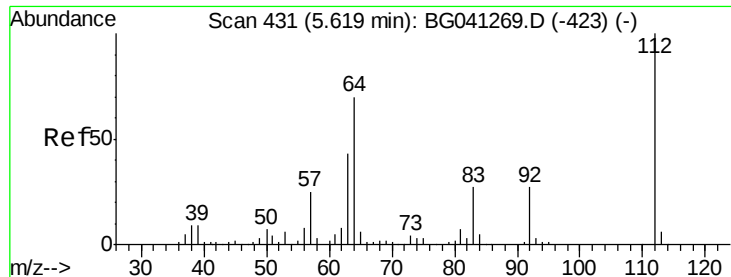
#4
 n-Nitrosodimethylamine
 Concen: 39.664 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion: 42 Resp: 33026
 Ion Ratio Lower Upper
 42 100
 74 93.6 71.6 107.4
 44 15.8 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: 79.622 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

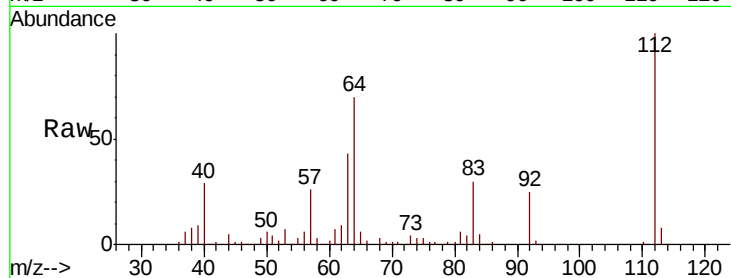
Tot Ion: 112 Resp: 93453

Ion Ratio Lower Upper

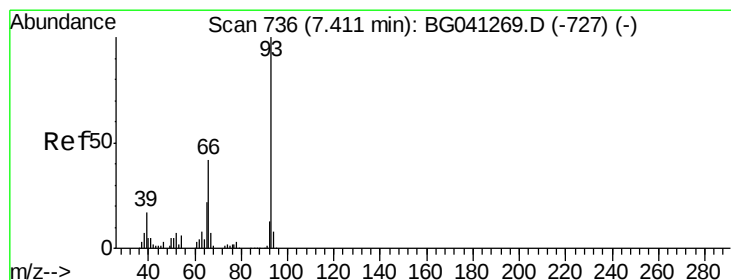
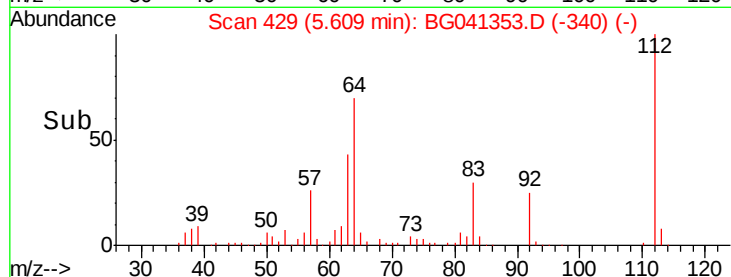
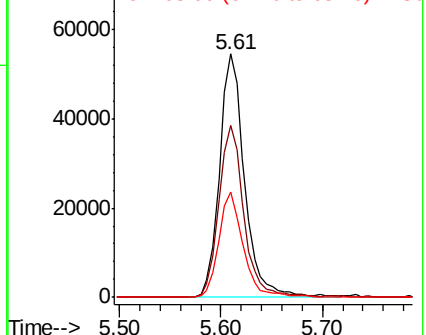
112 100

64 70.4 55.9 83.9

63 43.1 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: 43.915 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

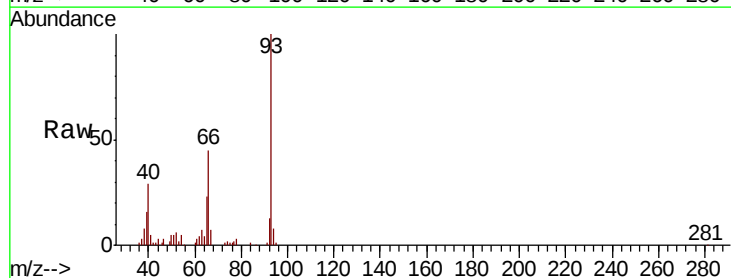
Tgt Ion: 93 Resp: 103851

Ion Ratio Lower Upper

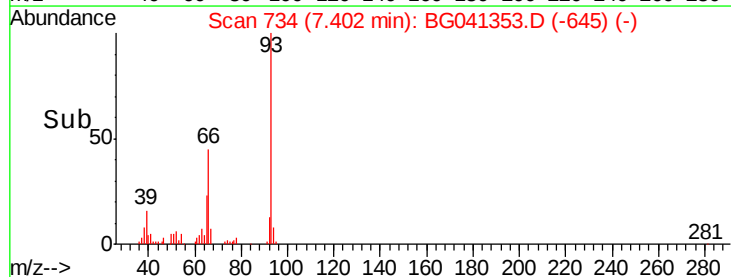
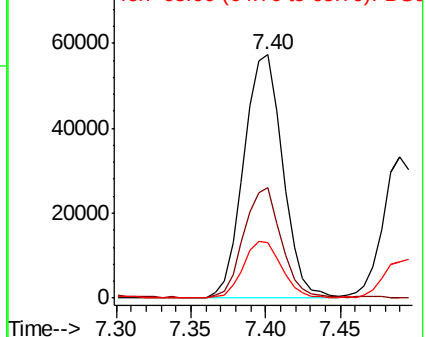
93 100

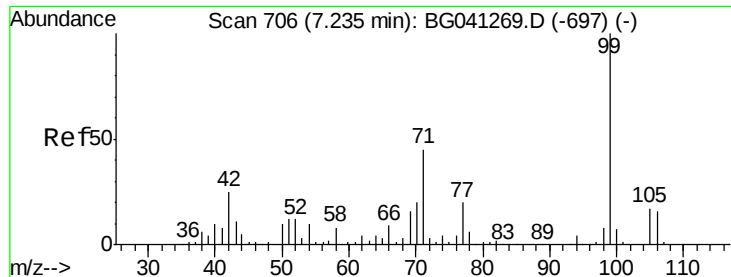
66 45.2 34.2 51.2

65 22.7 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: 85.264 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

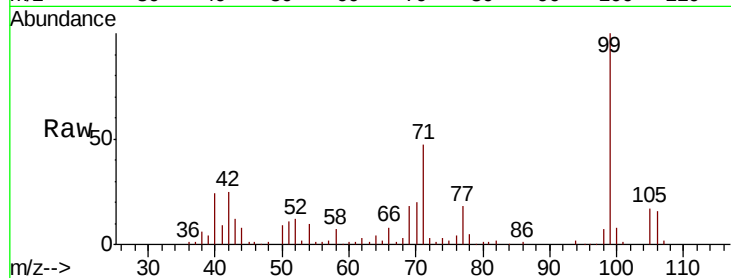
Tot Ion: 99 Resp: 145061

Ion Ratio Lower Upper

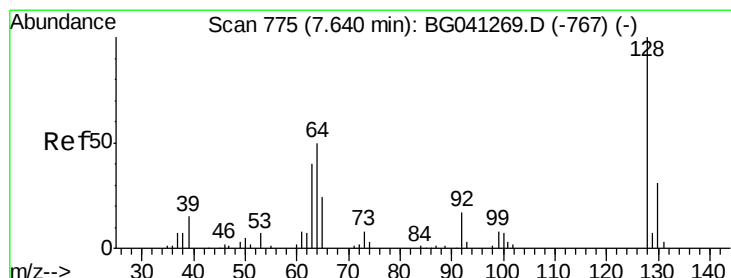
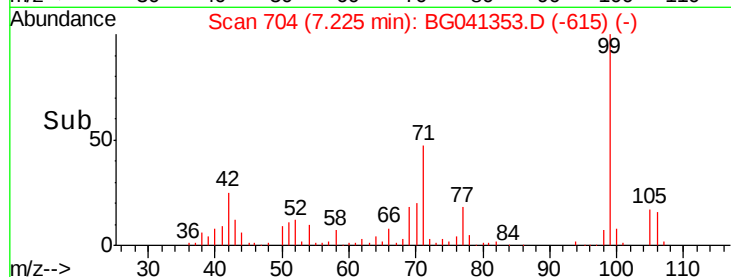
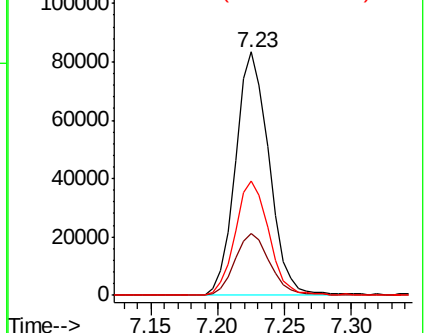
99 100

42 25.2 19.9 29.9

71 47.0 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: 40.891 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

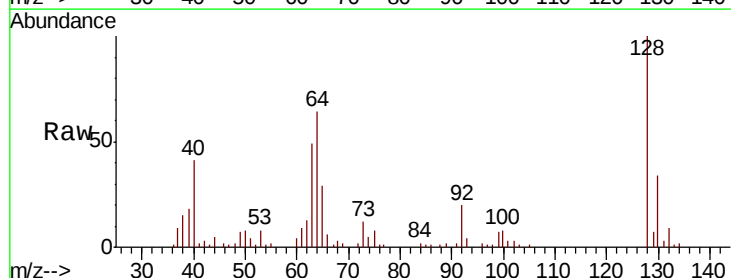
Tgt Ion: 128 Resp: 56394

Ion Ratio Lower Upper

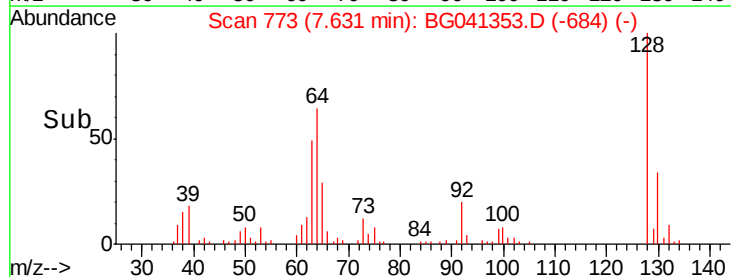
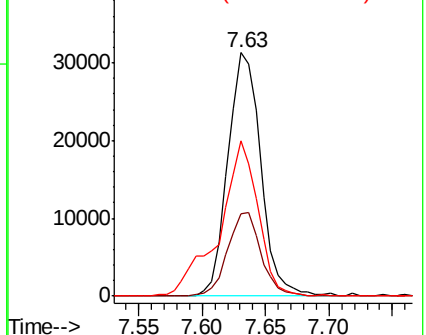
128 100

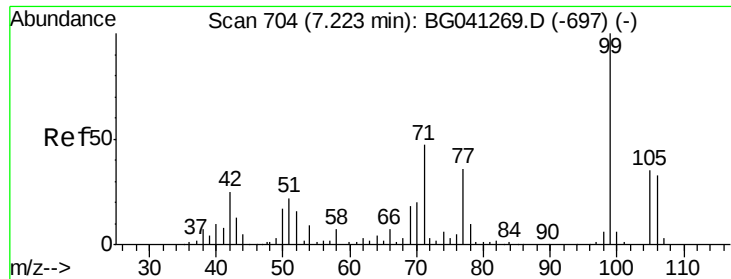
130 34.0 11.1 51.1

64 63.7 36.6 76.6



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





#9

Benzaldehyde

Concen: 39.561 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

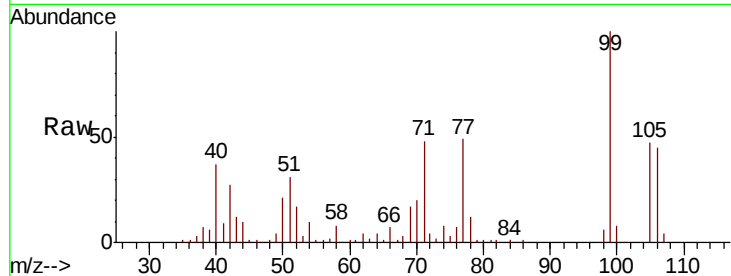
Tot Ion: 77 Resp: 43049

Ion Ratio Lower Upper

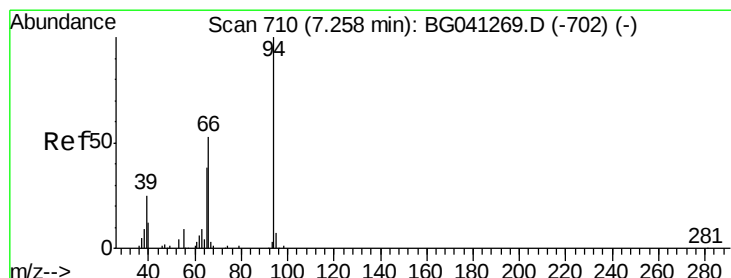
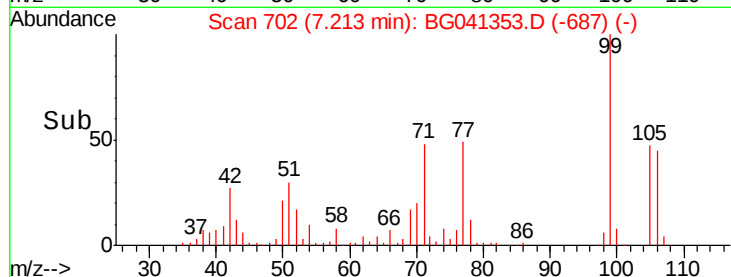
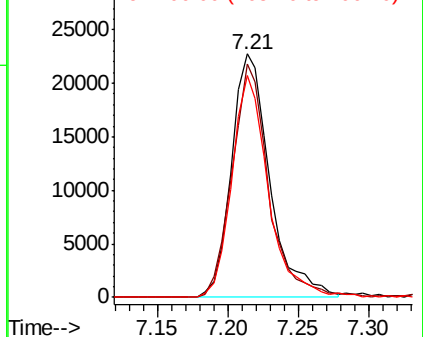
77 100

105 95.9 78.7 118.7

106 91.2 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: 41.915 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

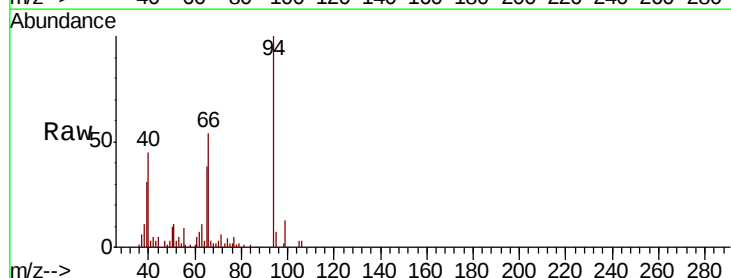
Tgt Ion: 94 Resp: 76684

Ion Ratio Lower Upper

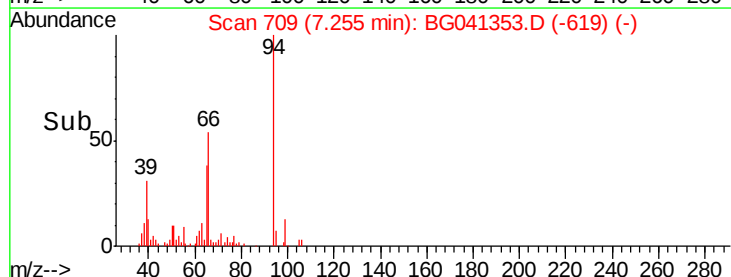
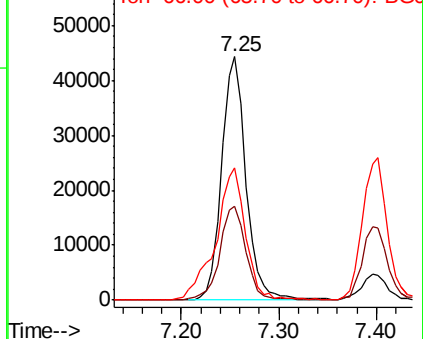
94 100

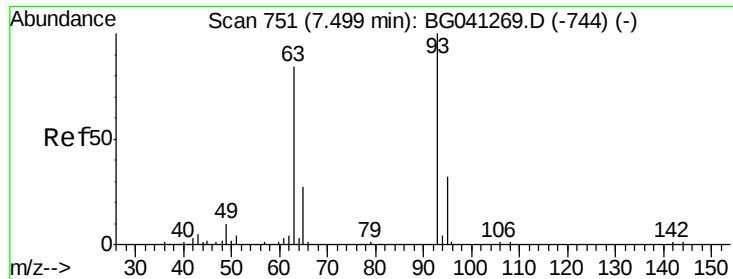
65 38.5 18.7 58.7

66 54.3 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: 39.944 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

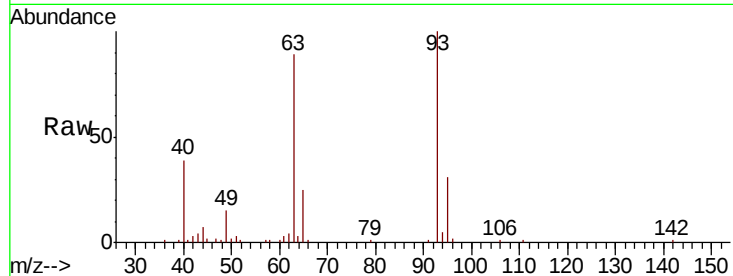
Tot Ion: 93 Resp: 55448

Ion Ratio Lower Upper

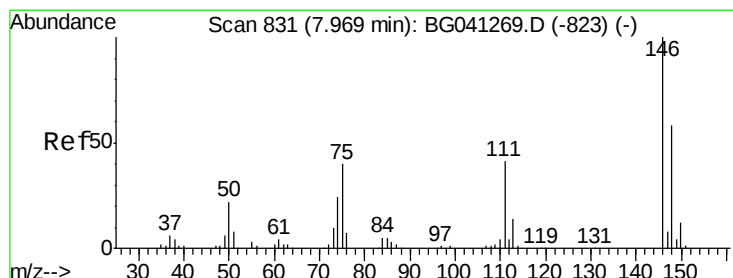
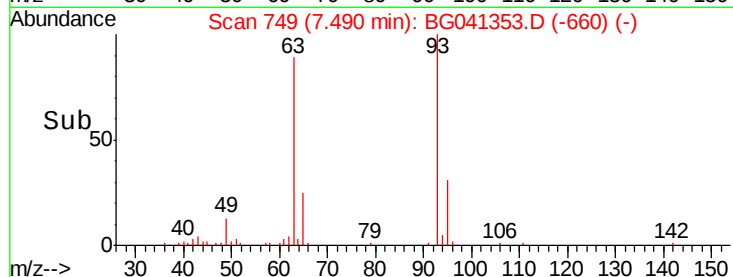
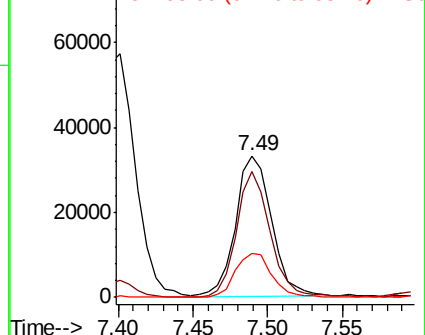
93 100

63 89.0 63.6 103.6

95 31.4 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: 40.752 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

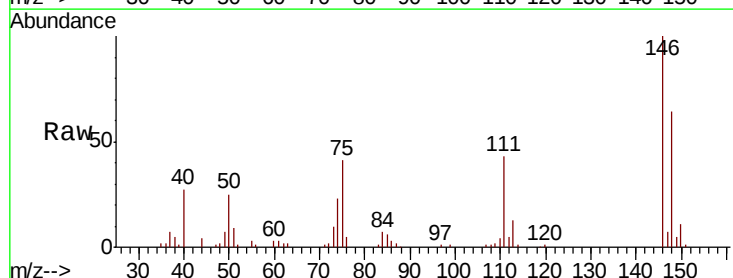
Tgt Ion: 146 Resp: 70371

Ion Ratio Lower Upper

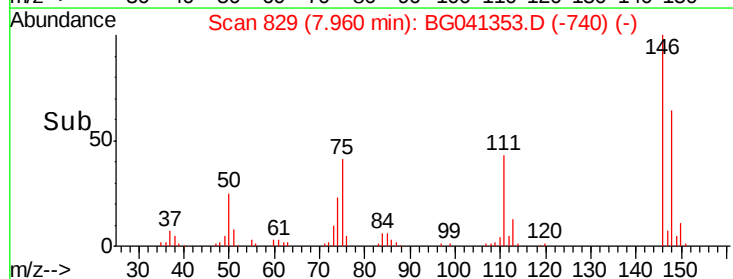
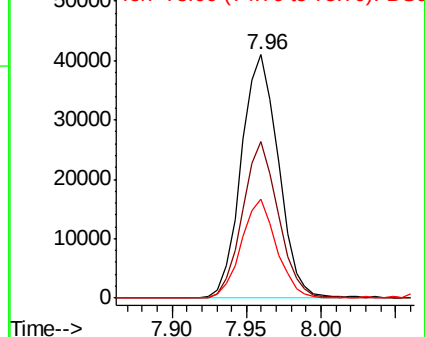
146 100

148 64.5 46.5 69.7

75 40.6 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: 40.028 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

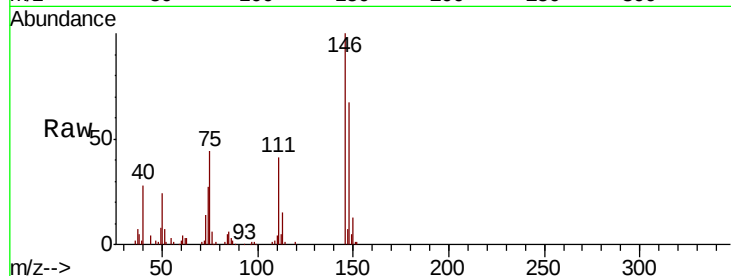
Tot Ion:146 Resp: 70605

Ion Ratio Lower Upper

146 100

148 67.4 47.3 70.9

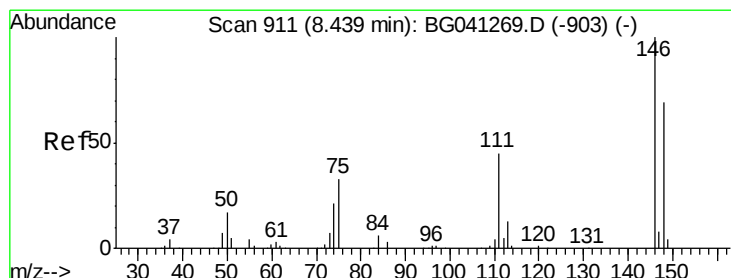
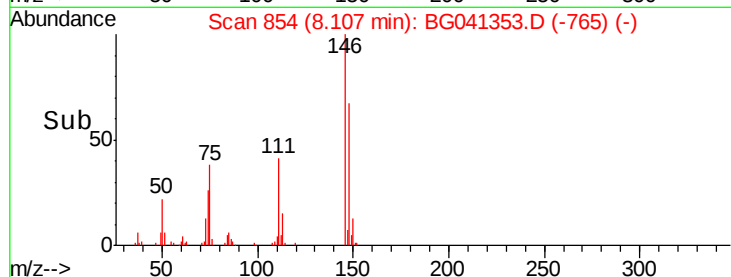
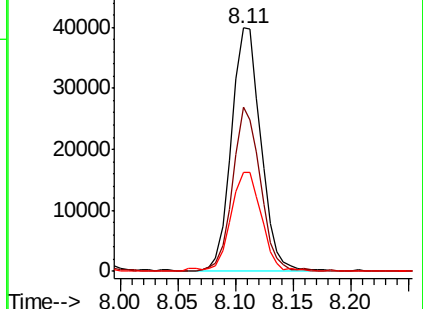
111 40.8 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.810 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

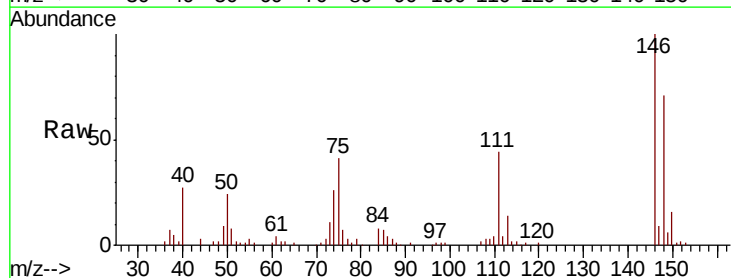
Tgt Ion:146 Resp: 67071

Ion Ratio Lower Upper

146 100

148 70.9 54.9 82.3

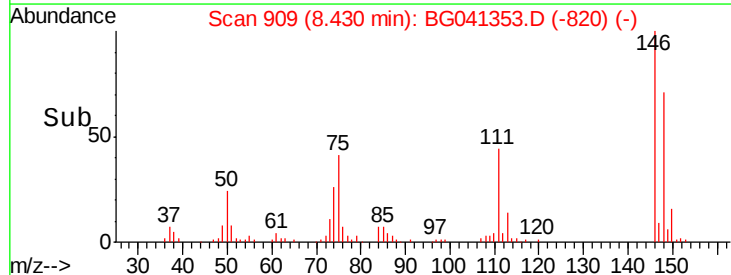
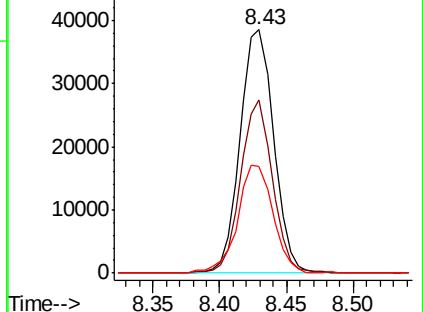
111 44.0 37.0 55.6

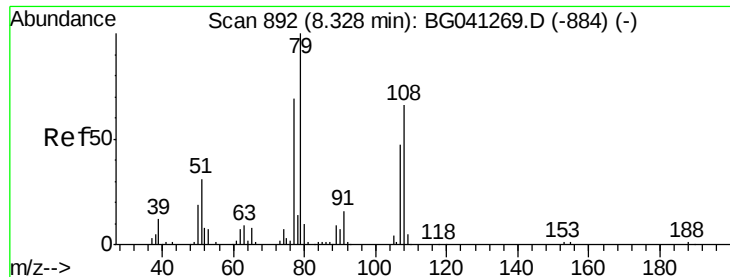


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.071 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

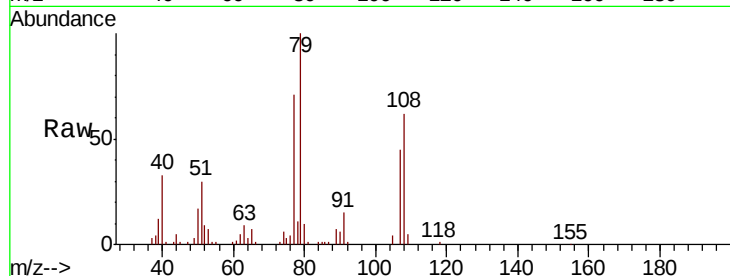
Tot Ion: 79 Resp: 63687

Ion Ratio Lower Upper

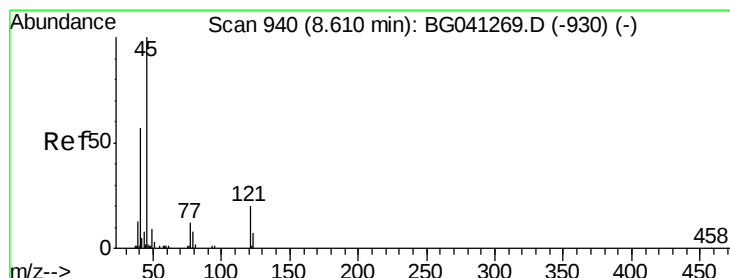
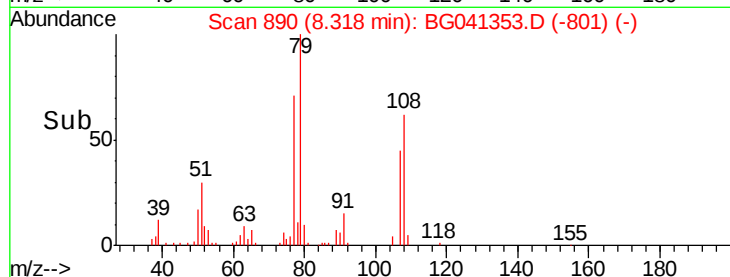
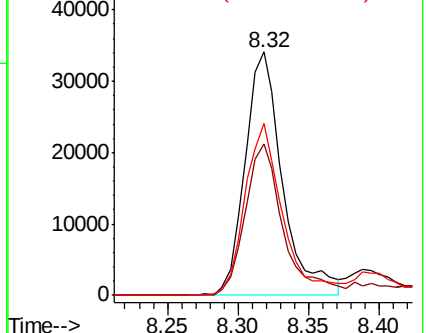
79 100

108 62.1 52.7 79.1

77 70.8 55.2 82.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.871 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

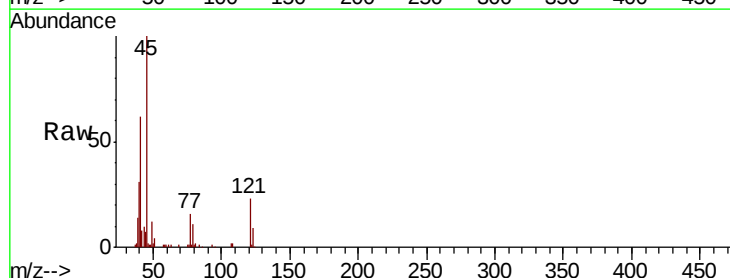
Tgt Ion: 45 Resp: 92877

Ion Ratio Lower Upper

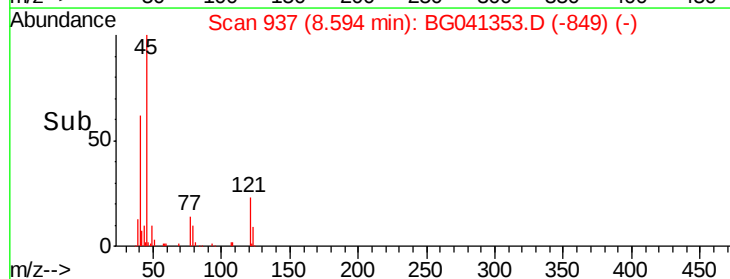
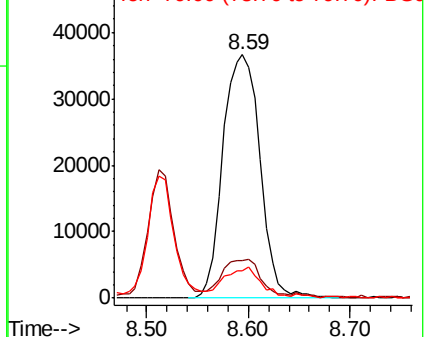
45 100

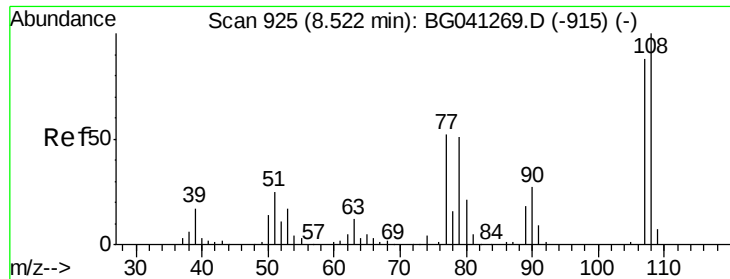
77 15.6 0.0 35.2

79 11.1 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

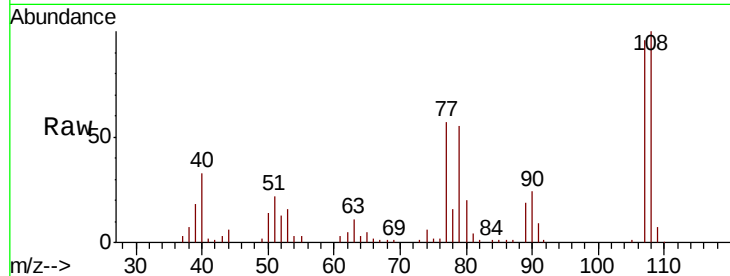




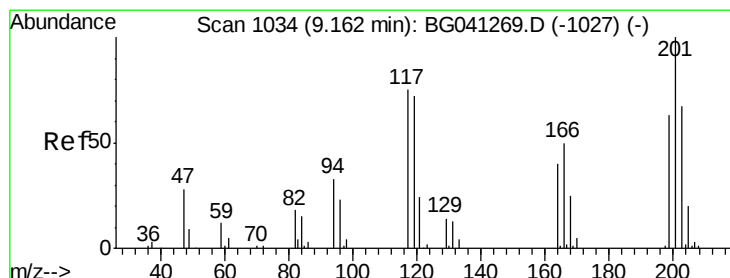
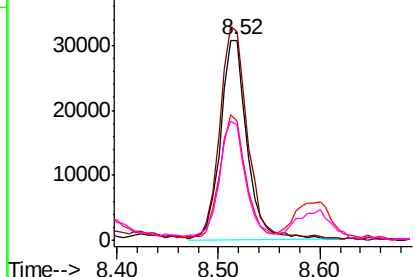
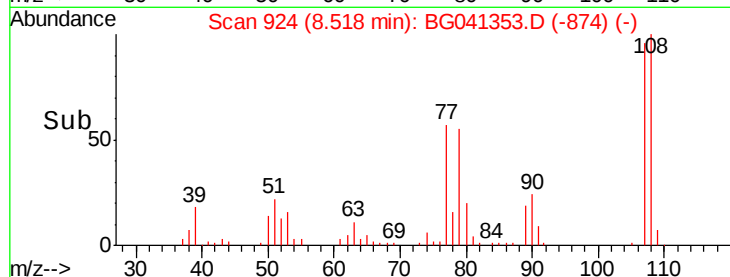
#17
2-Methylphenol
Concen: 42.795 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 55974
Ion Ratio Lower Upper
107 100
108 104.3 91.7 137.5
77 59.6 47.8 71.8
79 57.4 46.8 70.2

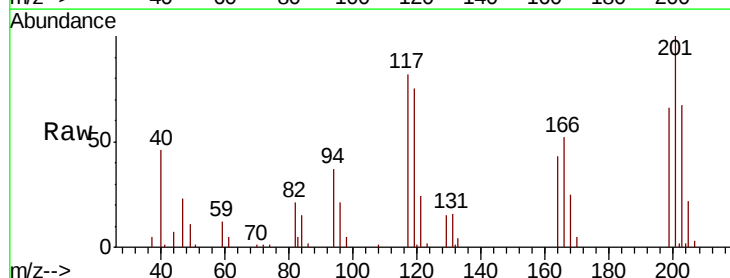


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

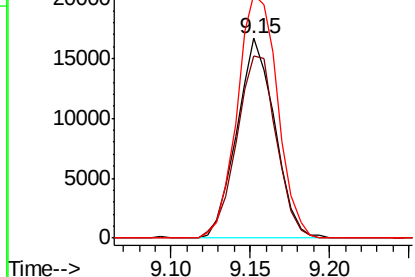
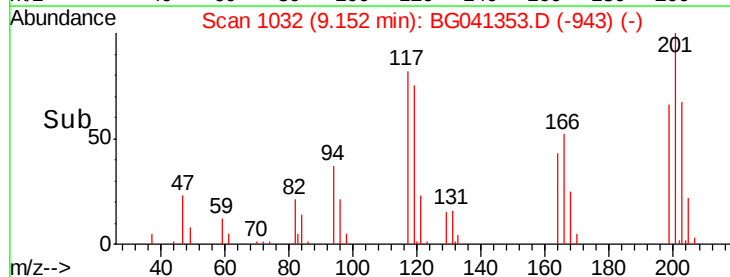


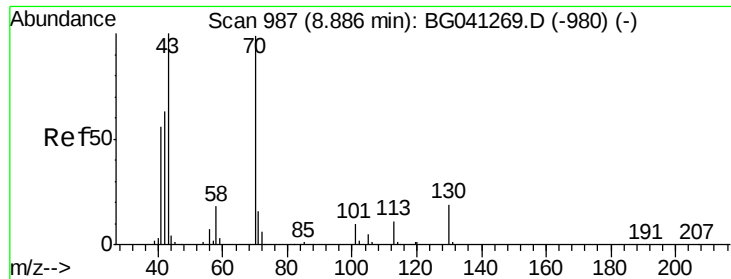
#18
Hexachloroethane
Concen: 39.576 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion:117 Resp: 27663
Ion Ratio Lower Upper
117 100
119 91.3 76.8 115.2
201 121.9 106.3 159.5



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

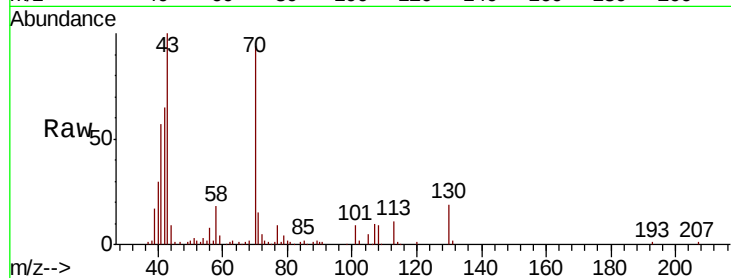




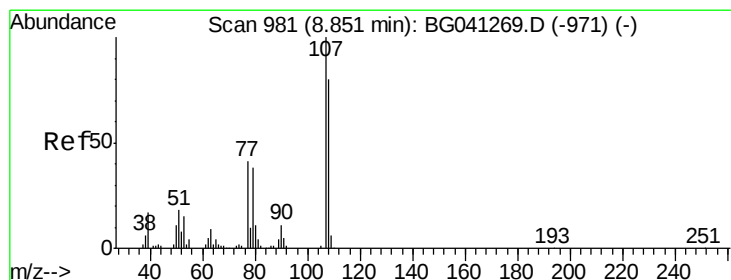
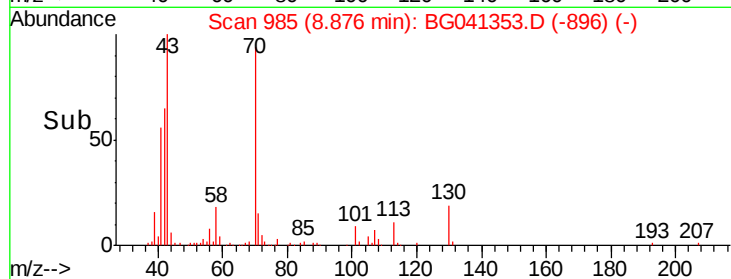
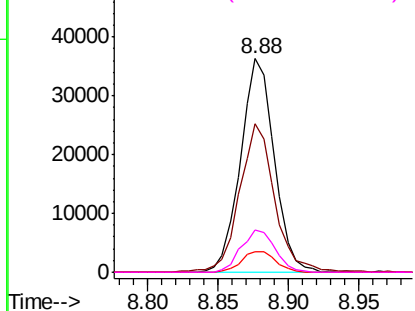
#19
n-Nitroso-di-n-propylamine
Concen: 43.981 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	60518
Ion	Ratio	Lower	Upper
70	100		
42	69.3	51.4	77.2
101	9.6	8.2	12.2
130	19.8	15.2	22.8

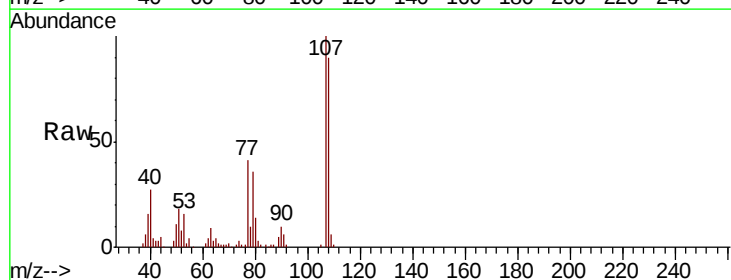


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

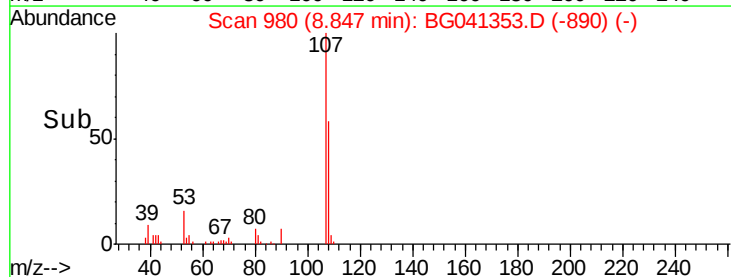
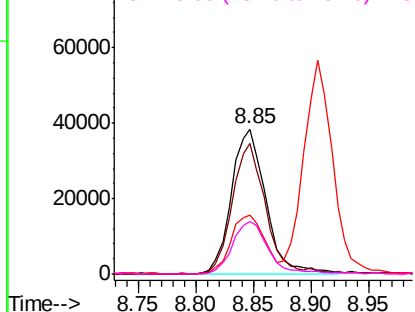


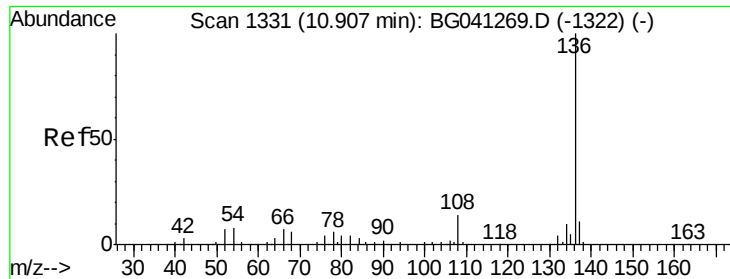
#20
3+4-Methylphenols
Concen: 45.509 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion:	107	Resp:	79241
Ion	Ratio	Lower	Upper
107	100		
108	90.1	60.4	100.4
77	40.9	21.2	61.2
79	36.2	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

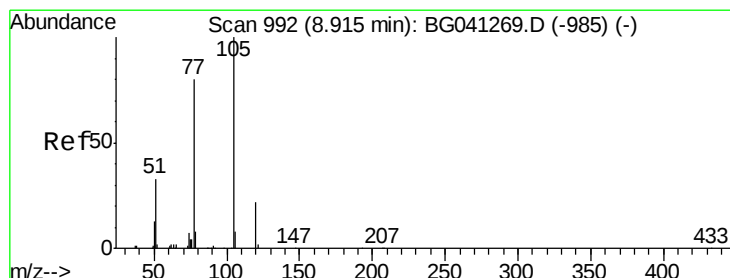
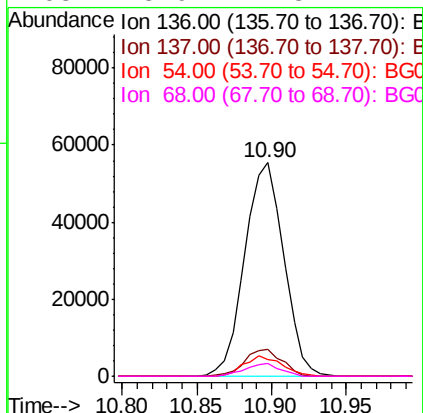
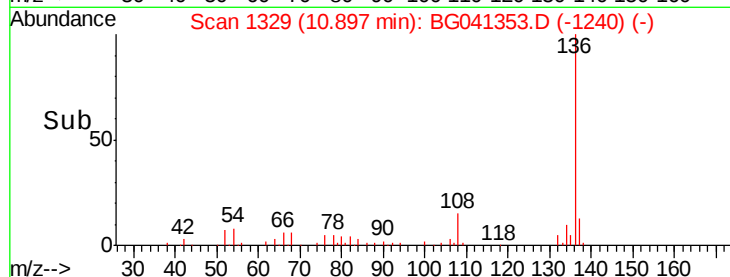
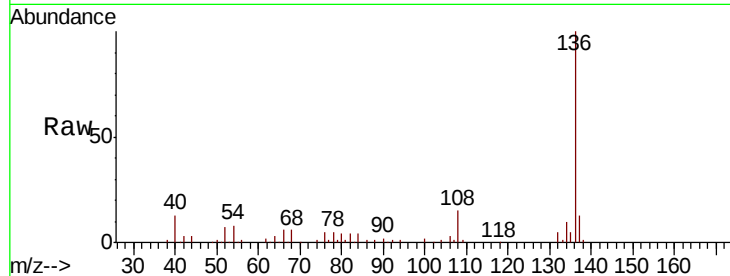




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

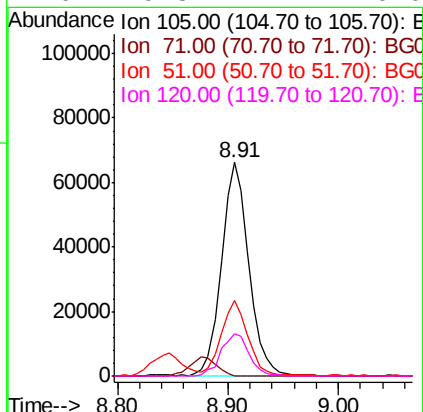
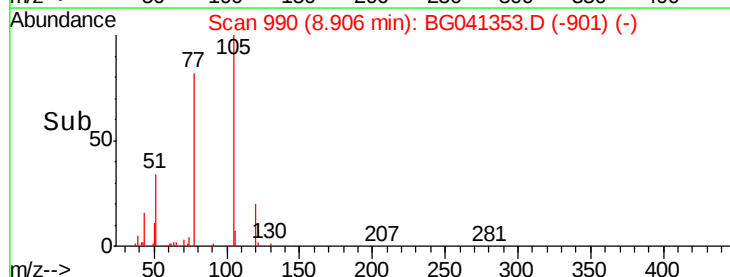
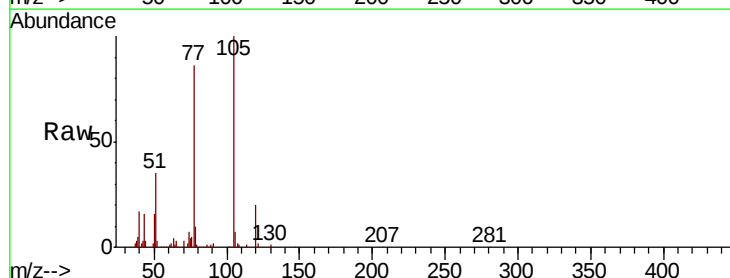
Instrument :
BNA_G
ClientSampleId :

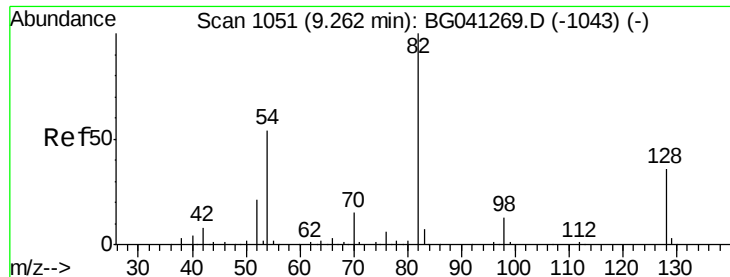
Tot Ion:136	Resp:	100536
Ion Ratio	Lower	Upper
136	100	
137	12.8	8.8 13.2
54	7.5	6.4 9.6
68	5.9	4.8 7.2



#22
Acetophenone
Concen: 38.965 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion:105	Resp:	113997
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.4 0.6#
51	35.4	28.2 42.4
120	19.8	17.4 26.0

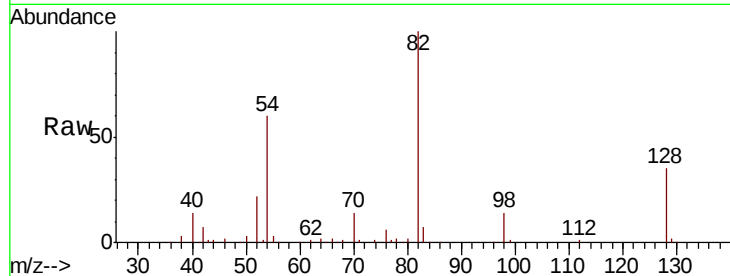




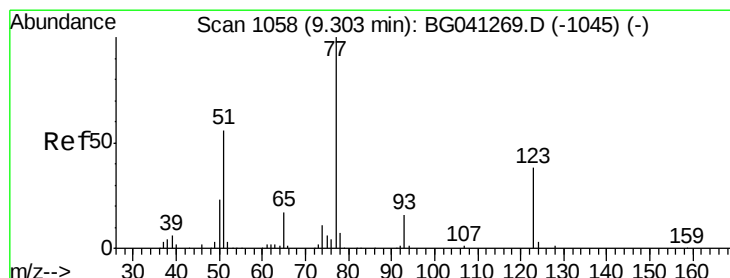
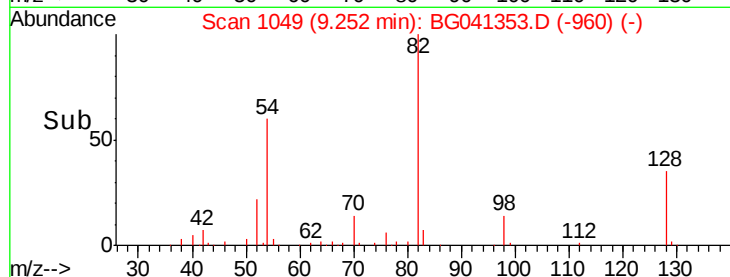
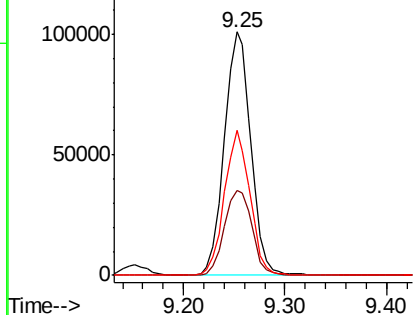
#23
Nitrobenzene-d5
Concen: 76.441 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	182734
Ion Ratio	100	Lower	Upper
128	34.7	29.2	43.8
54	59.8	43.4	65.0

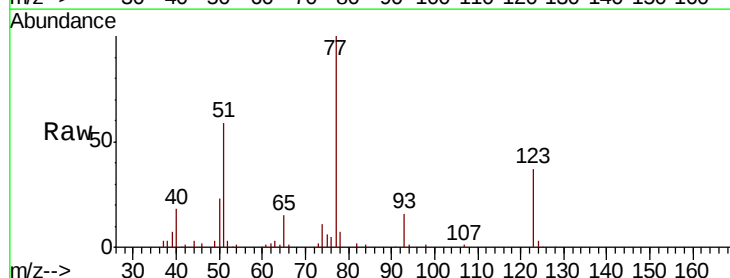


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

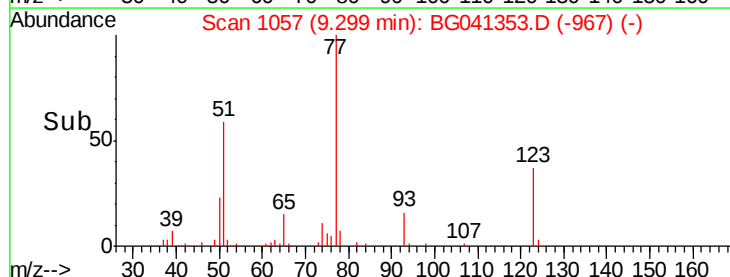
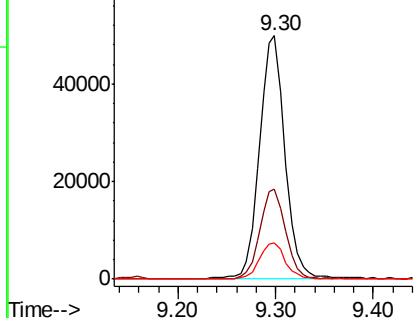


#24
Nitrobenzene
Concen: 38.311 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion	77	Resp	92108
Ion Ratio	100	Lower	Upper
123	37.1	30.4	45.6
65	15.0	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: 40.747 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

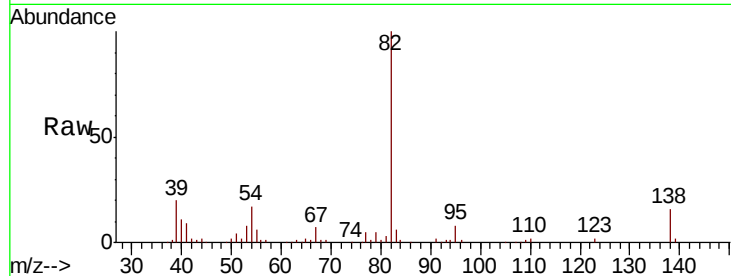
Tot Ion: 82 Resp: 178706

Ion Ratio Lower Upper

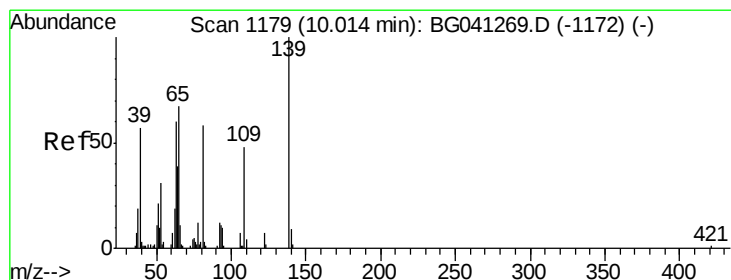
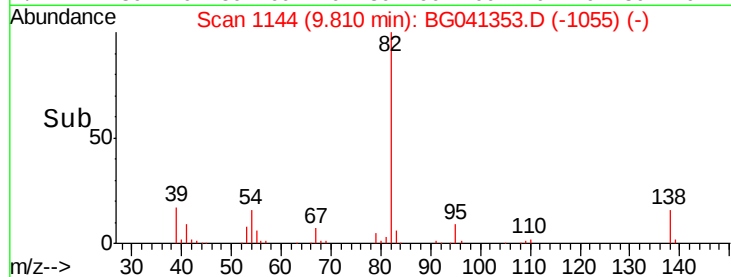
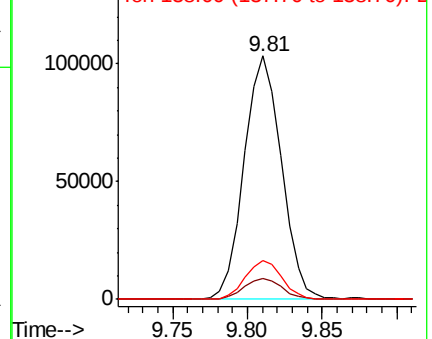
82 100

95 8.3 6.6 10.0

138 16.1 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: 38.881 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

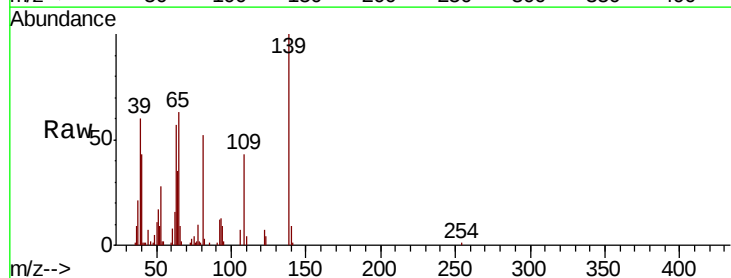
Tgt Ion: 139 Resp: 37898

Ion Ratio Lower Upper

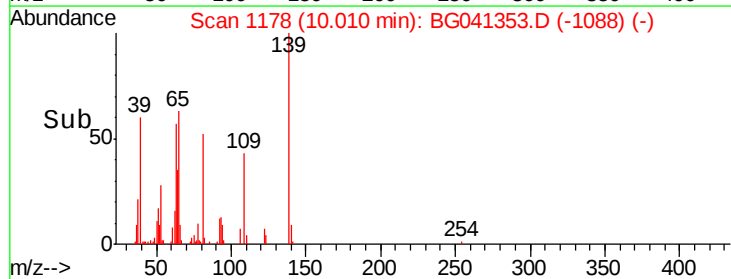
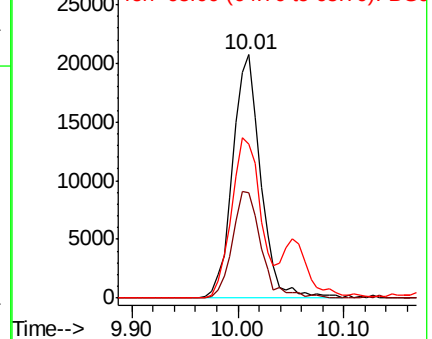
139 100

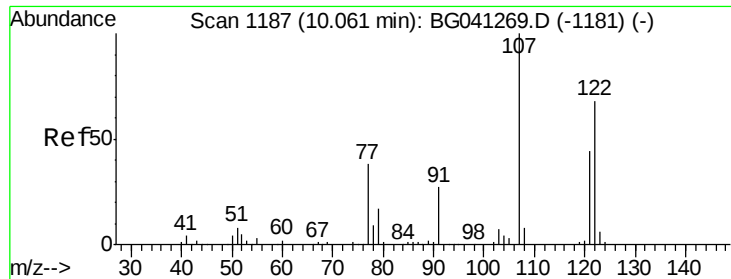
109 43.3 38.4 57.6

65 63.1 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

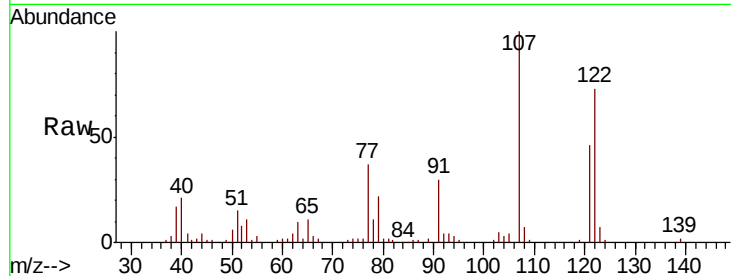




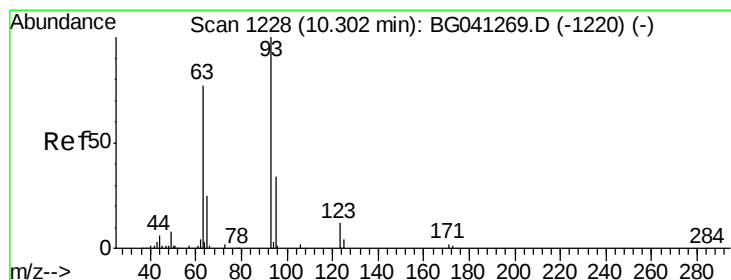
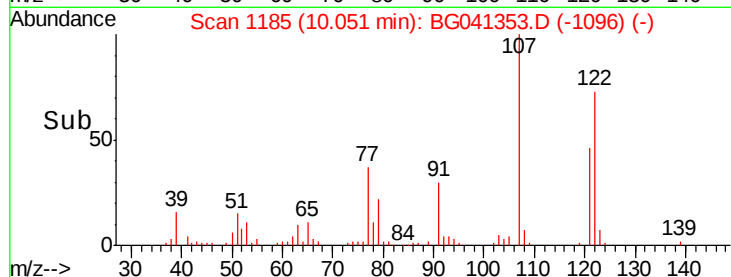
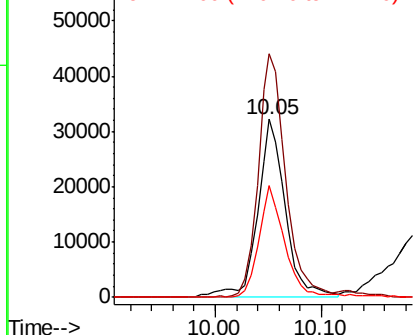
#27
 2,4-Dimethylphenol
 Concen: 40.240 ng
 RT: 10.05 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 58792
 Ion Ratio Lower Upper
 122 100
 107 136.7 115.1 172.7
 121 62.8 50.1 75.1

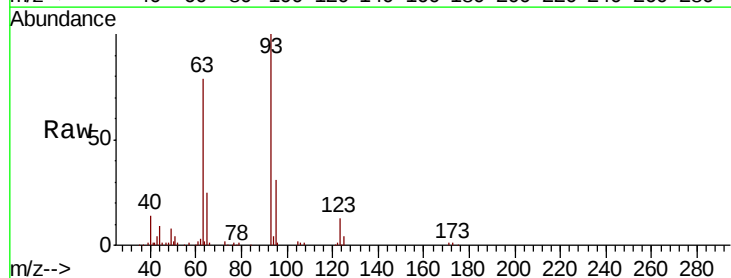


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

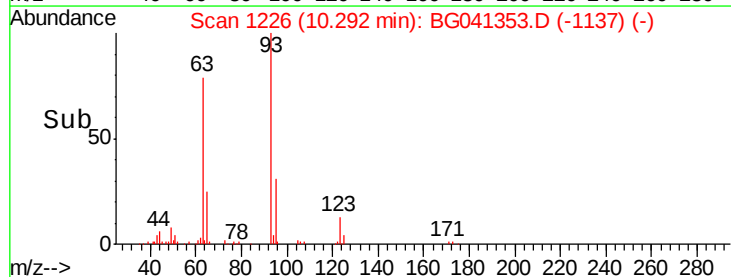
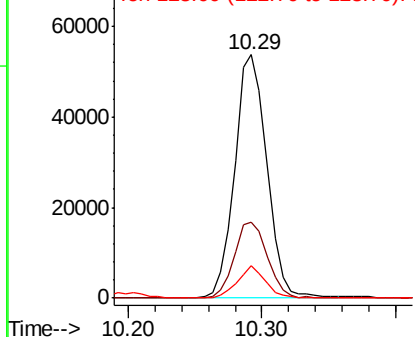


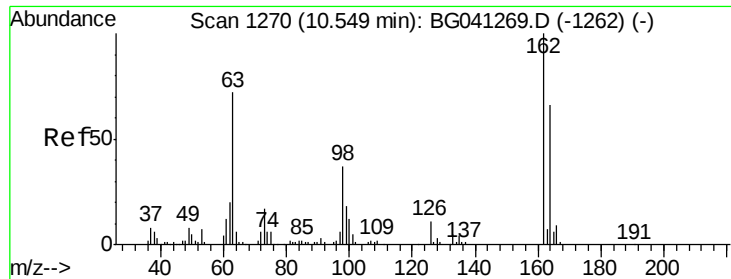
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.210 ng
 RT: 10.29 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion: 93 Resp: 89601
 Ion Ratio Lower Upper
 93 100
 95 31.2 27.3 40.9
 123 13.2 9.6 14.4



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

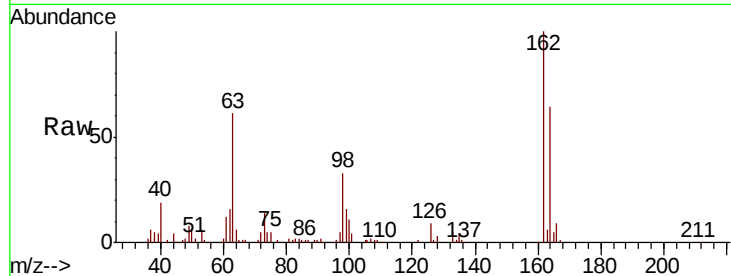




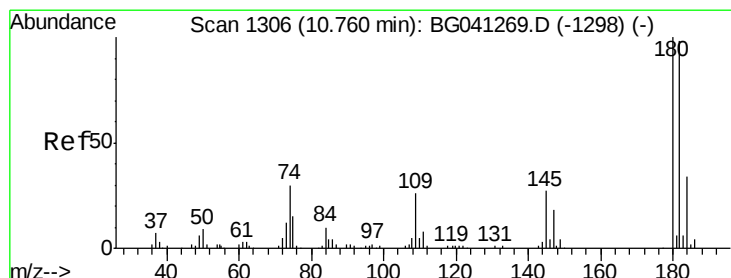
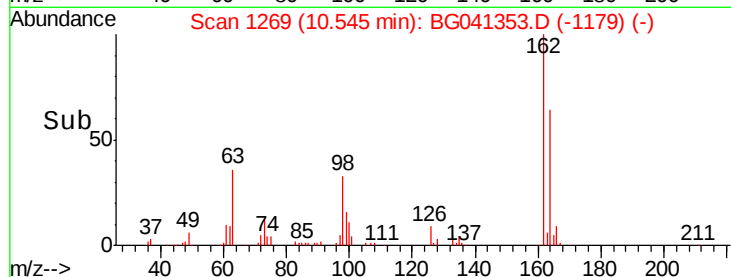
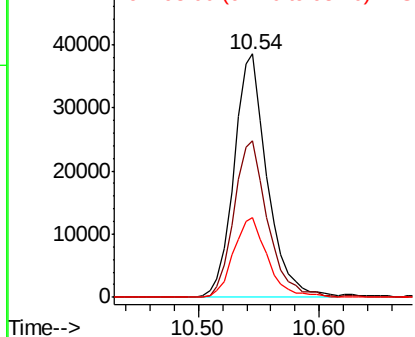
#29
 2,4-Dichlorophenol
 Concen: 40.637 ng
 RT: 10.54 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 73617
 Ion Ratio Lower Upper
 162 100
 164 64.1 46.0 86.0
 98 32.6 17.4 57.4

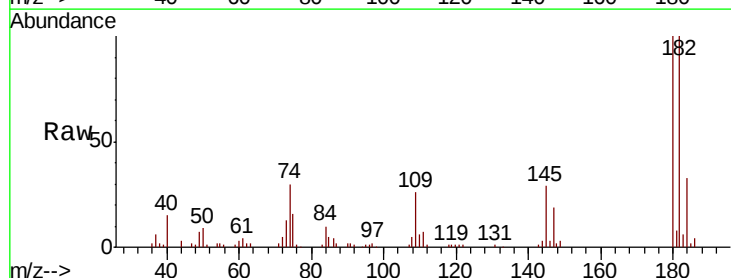


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

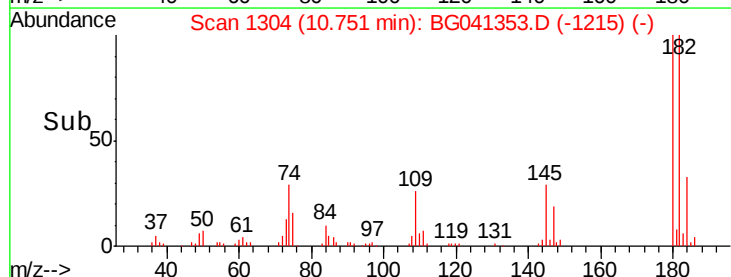
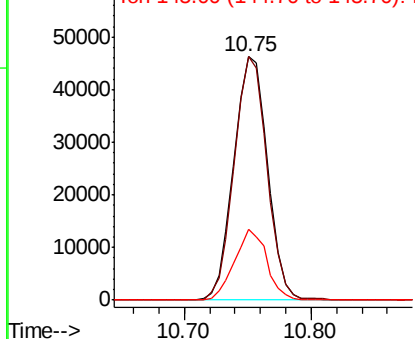


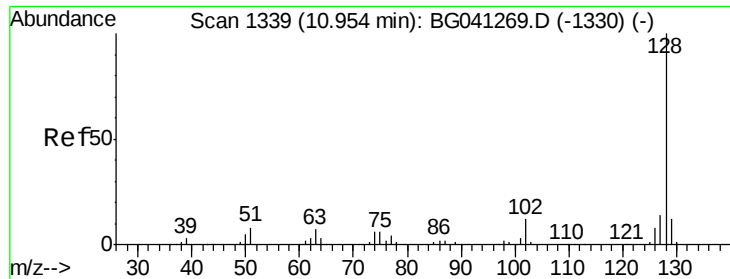
#30
 1,2,4-Trichlorobenzene
 Concen: 36.742 ng
 RT: 10.75 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion:180 Resp: 85246
 Ion Ratio Lower Upper
 180 100
 182 100.1 78.6 117.8
 145 29.3 21.7 32.5



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

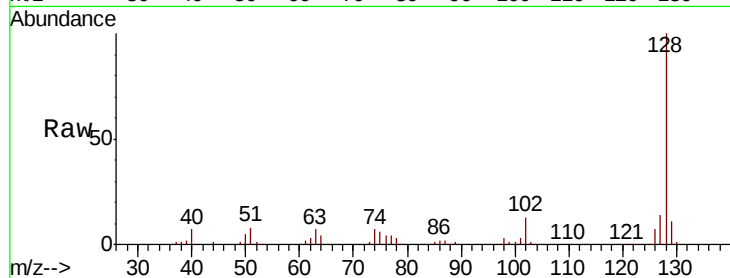




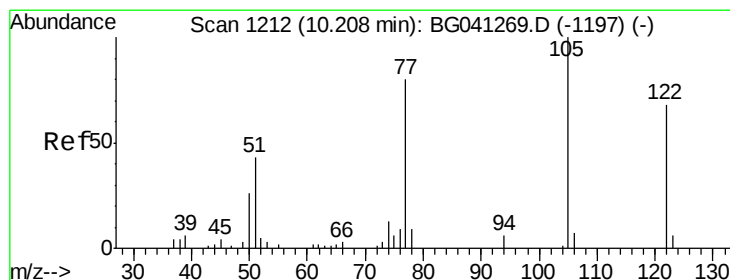
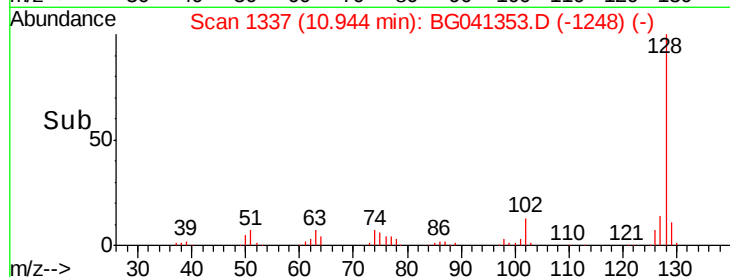
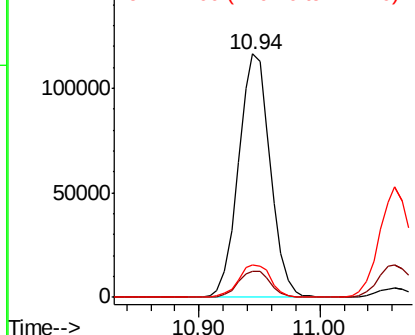
#31
Naphthalene
Concen: 38.922 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 212668
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.0
127 13.6 11.2 16.8

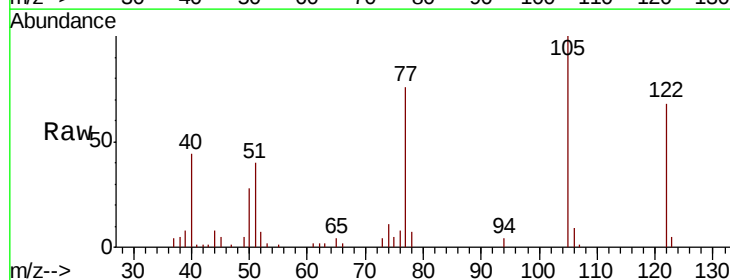


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

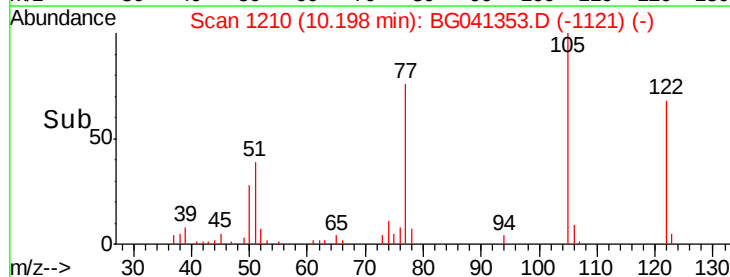
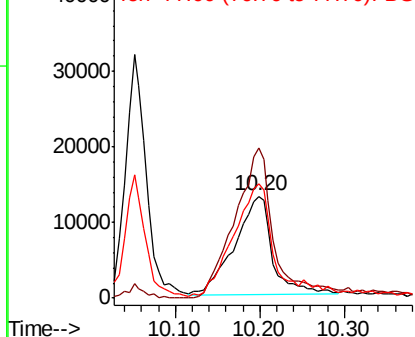


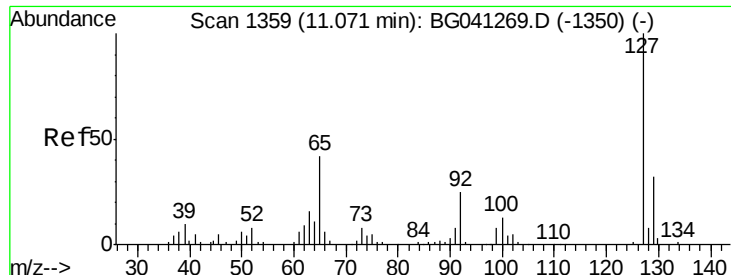
#32
Benzoic acid
Concen: 43.392 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion:122 Resp: 41270
Ion Ratio Lower Upper
122 100
105 147.5 124.2 164.2
77 112.4 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): BG

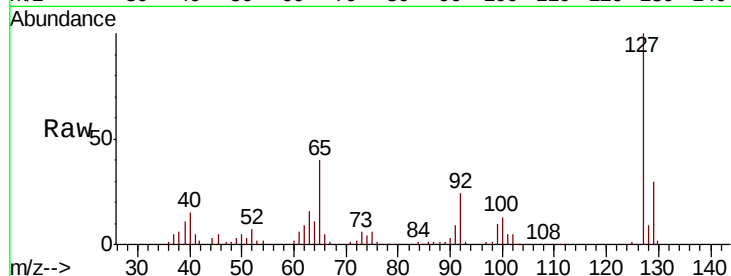




#33
4-Chloroaniline
Concen: 43.004 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.7	25.8	38.8
65	40.4	33.8	50.8
92	24.0	20.2	30.4



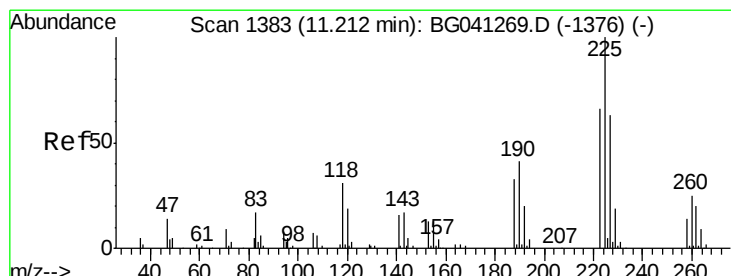
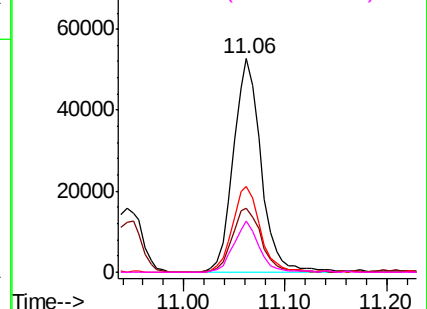
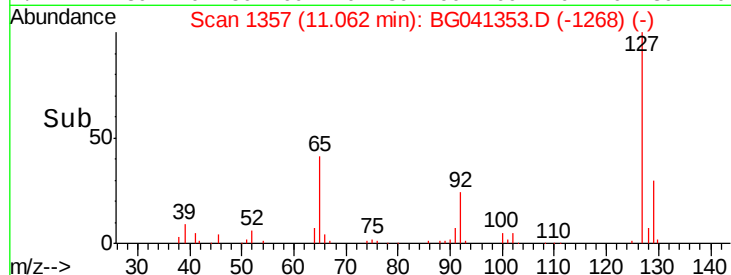
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

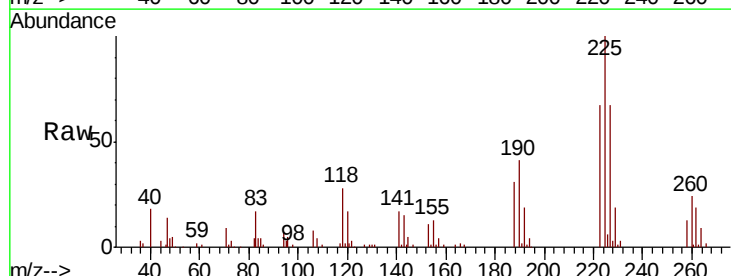
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.814 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.9	52.5	78.7
227	66.8	50.2	75.2

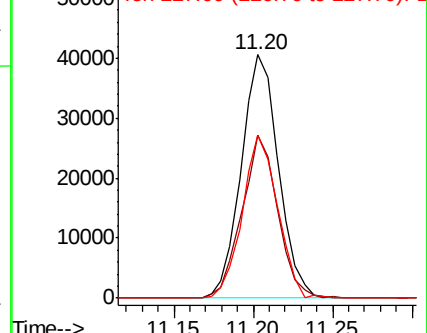
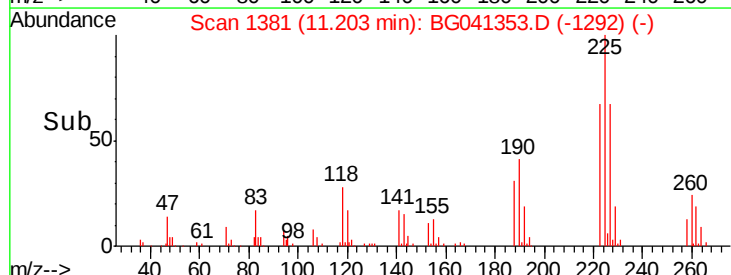


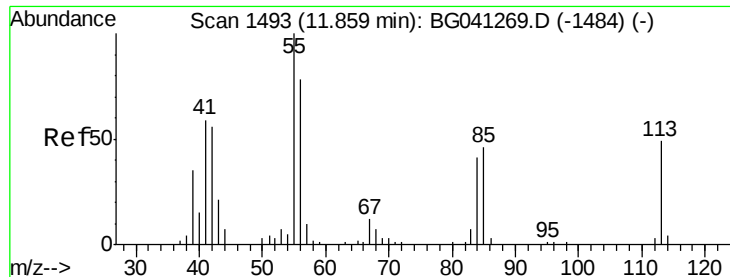
Abundance

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: 47.510 ng

RT: 11.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

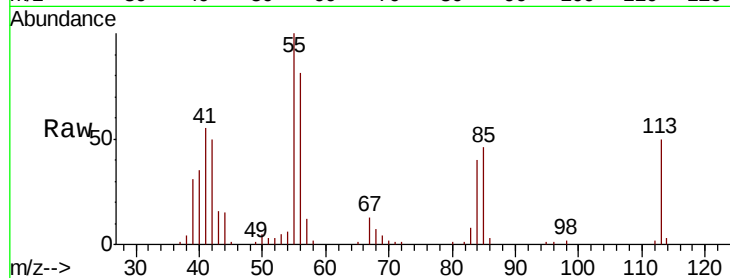
Tot Ion:113 Resp: 29630

Ion Ratio Lower Upper

113 100

55 199.5 182.6 222.6

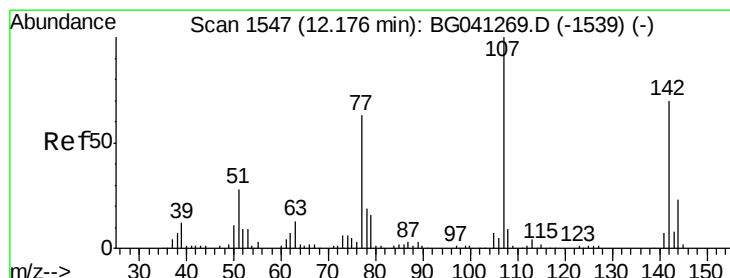
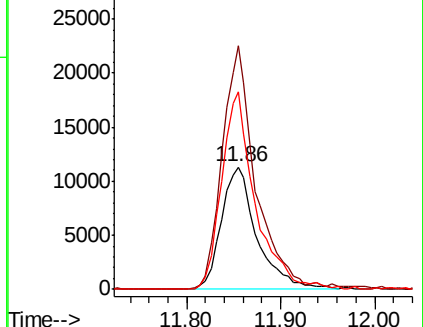
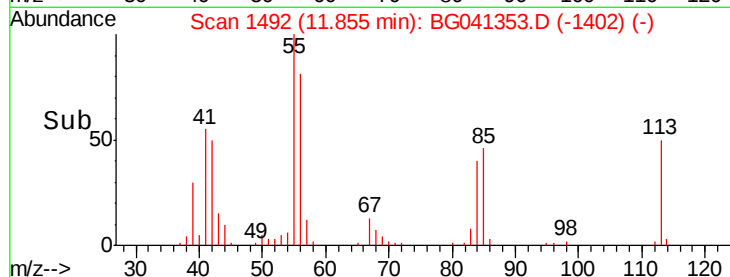
56 161.6 137.5 177.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.520 ng

RT: 12.17 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

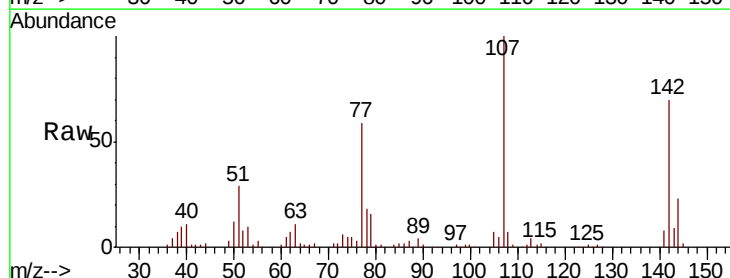
Tgt Ion:107 Resp: 91067

Ion Ratio Lower Upper

107 100

144 22.5 18.5 27.7

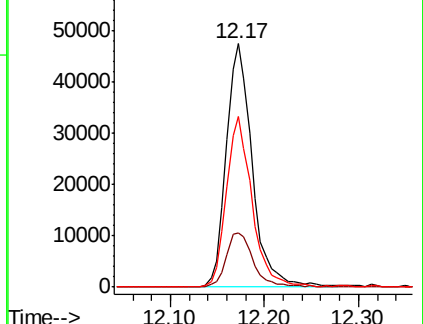
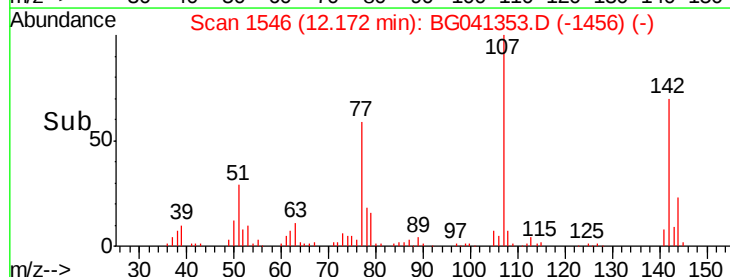
142 69.8 56.3 84.5

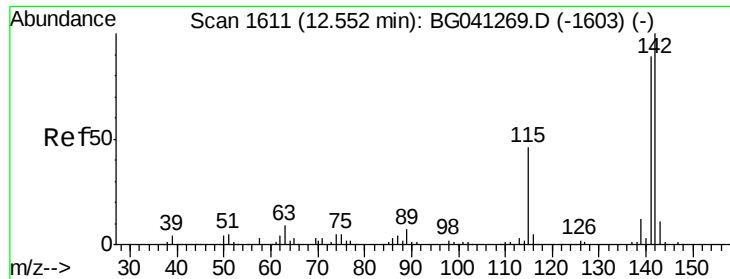


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

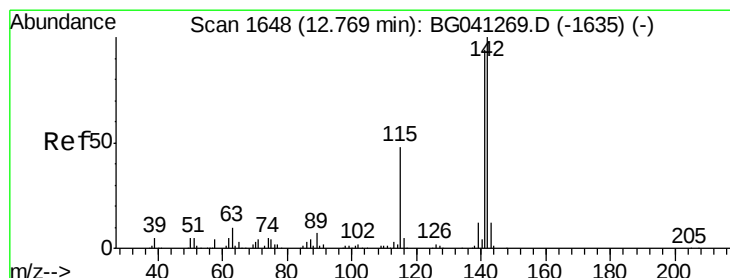
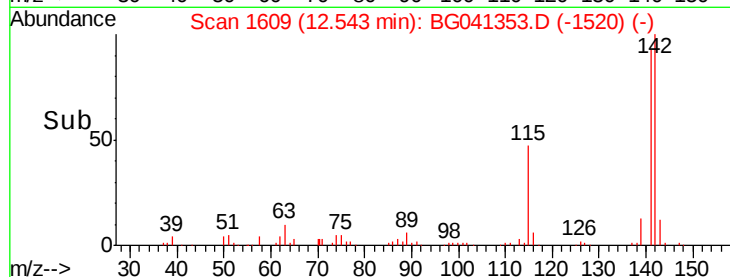
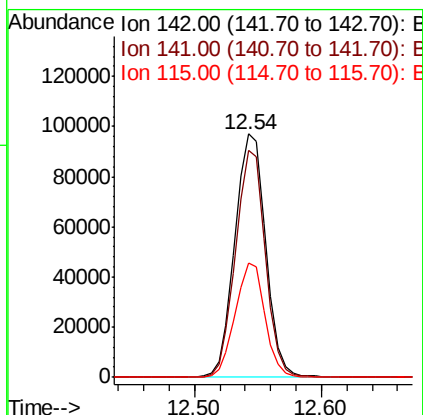
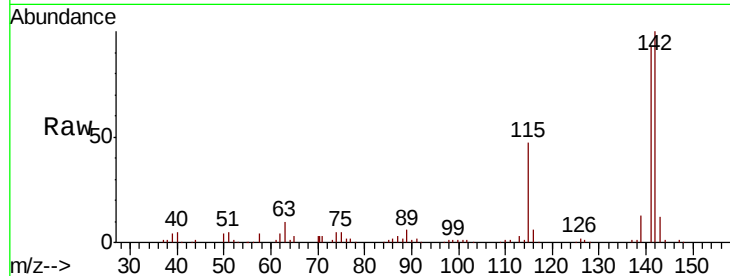




#37
2-Methylnaphthalene
Concen: 40.533 ng
RT: 12.54 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

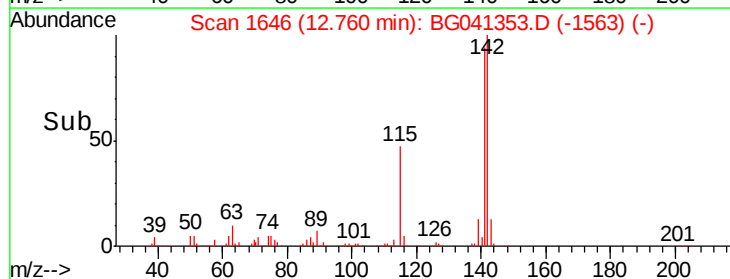
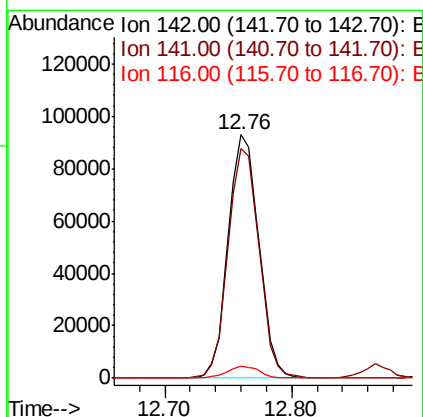
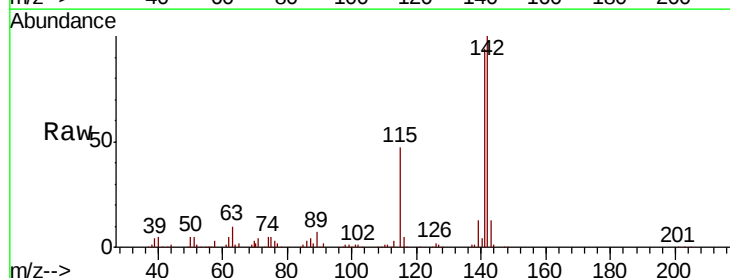
Instrument :
BNA_G
ClientSampleId :

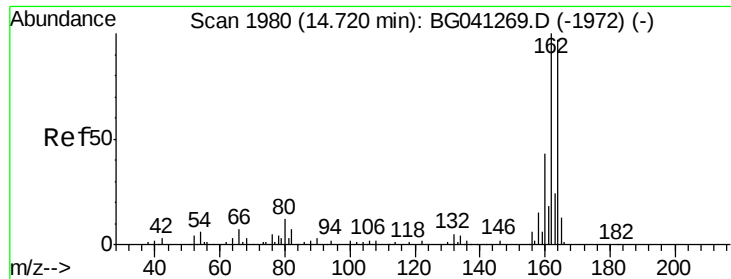
Tot Ion:142 Resp: 163117
Ion Ratio Lower Upper
142 100
141 93.2 71.5 107.3
115 47.2 37.0 55.6



#38
1-Methylnaphthalene
Concen: 40.368 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion:142 Resp: 155431
Ion Ratio Lower Upper
142 100
141 94.1 75.0 112.6
116 5.0 4.2 6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

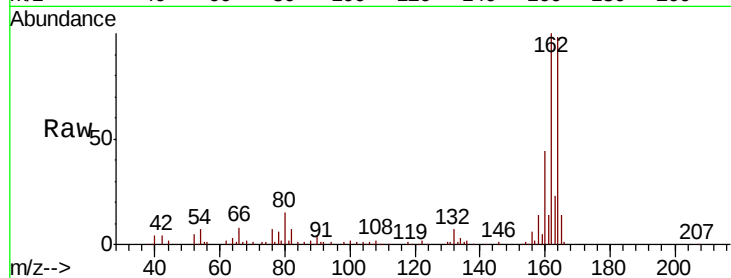
Tot Ion:164 Resp: 82423

Ion Ratio Lower Upper

164 100

162 101.9 82.8 124.2

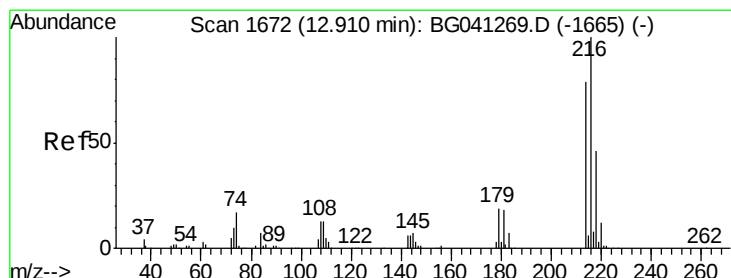
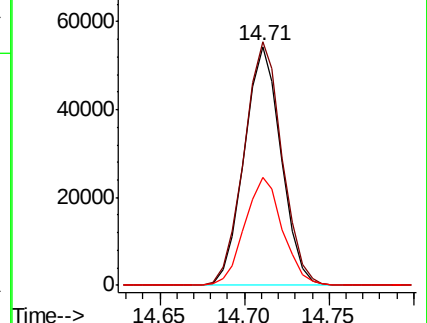
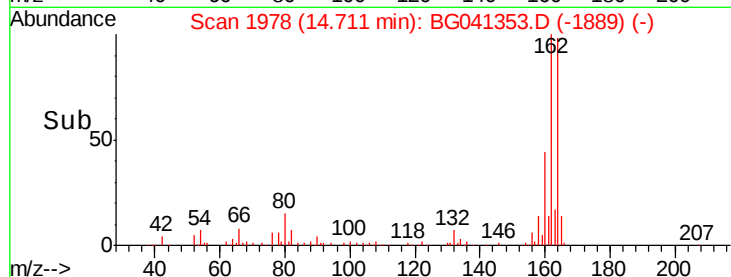
160 45.3 35.8 53.8



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: 36.144 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Tgt Ion:216 Resp: 123016

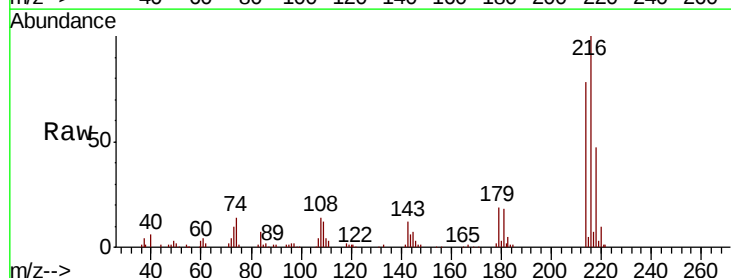
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 19.0 15.2 22.8

108 15.1 12.4 18.6

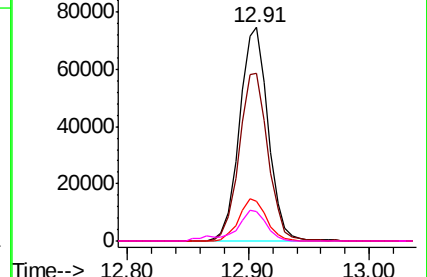
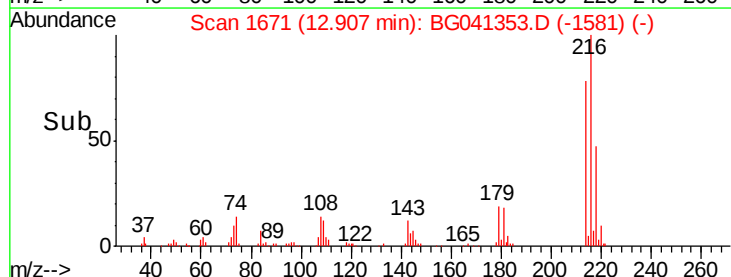


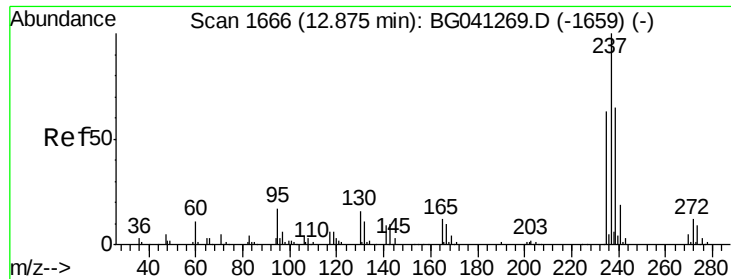
Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.010 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

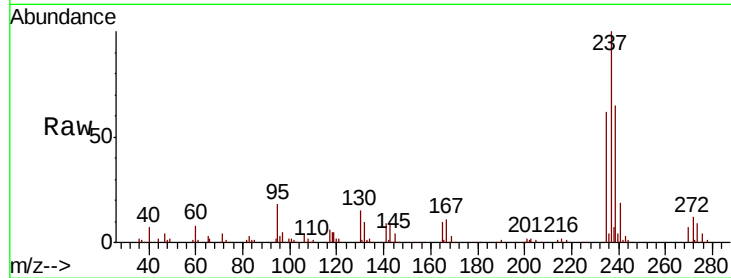
Tot Ion:237 Resp: 75677

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

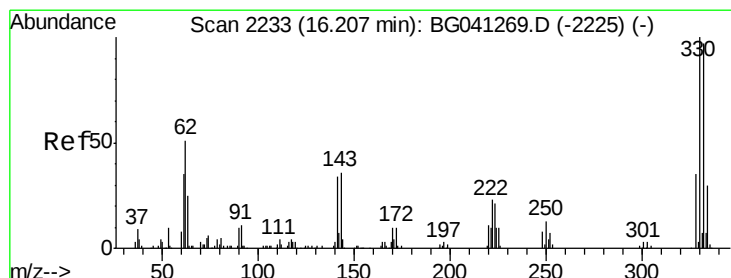
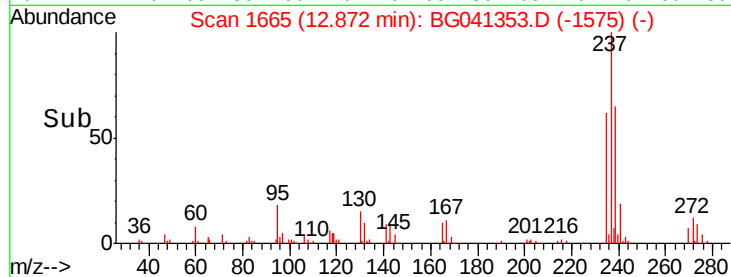
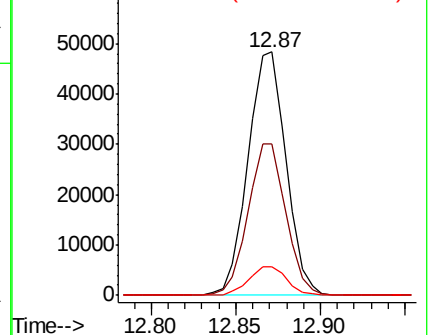
272 11.5 0.0 32.0



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: 78.834 ng

RT: 16.20 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

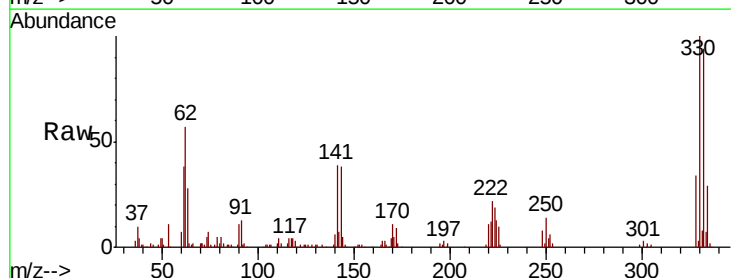
Tgt Ion:330 Resp: 99755

Ion Ratio Lower Upper

330 100

332 99.7 75.5 113.3

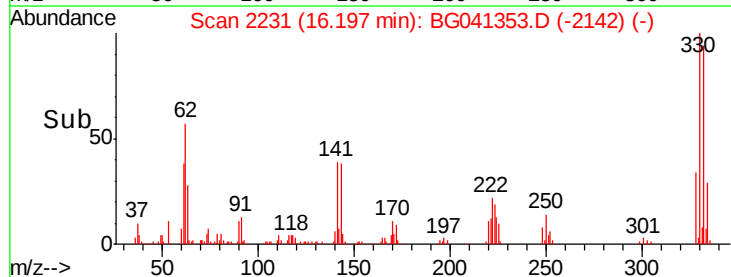
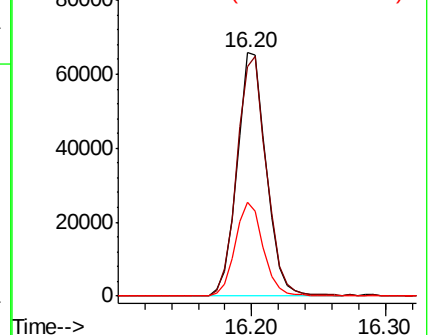
141 37.4 29.0 43.4

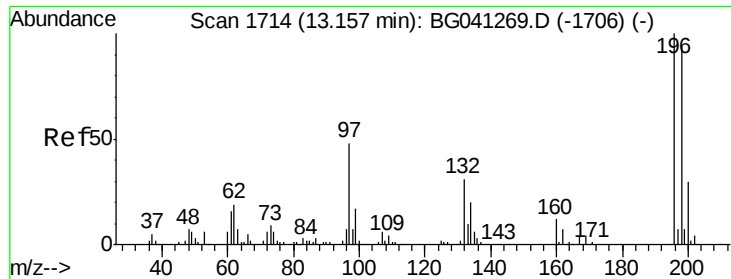


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

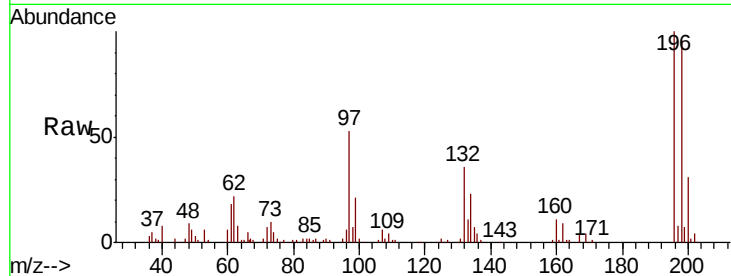




#43
 2,4,6-Trichlorophenol
 Concen: 38.231 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	80494
Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.9	112.3
200	30.7	24.2	36.2

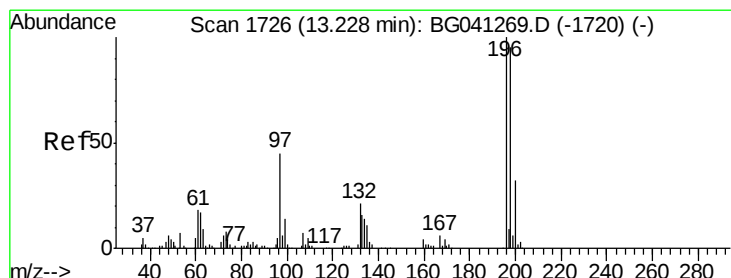
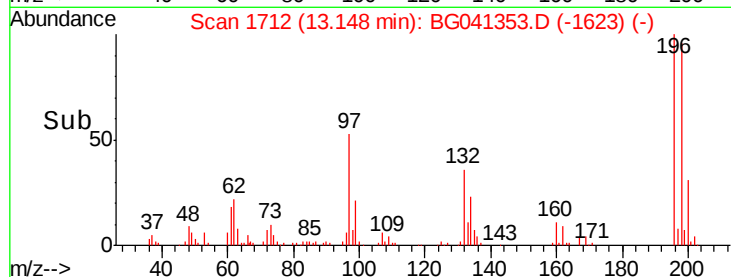
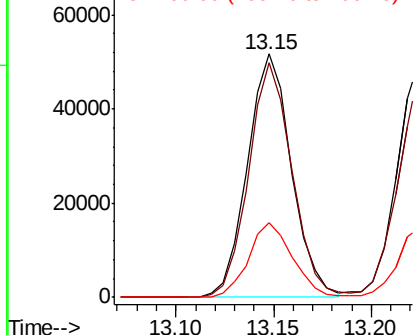


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.557 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion	196	Resp	85696
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.1	114.1
97	47.3	35.9	53.9
132	20.9	17.0	25.6

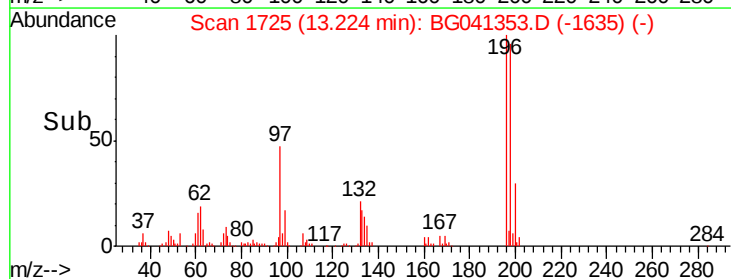
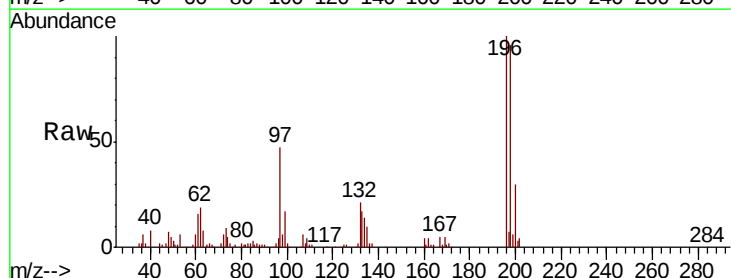
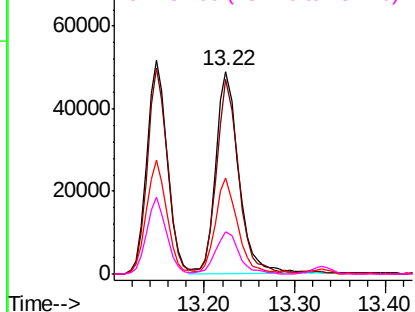
Abundance

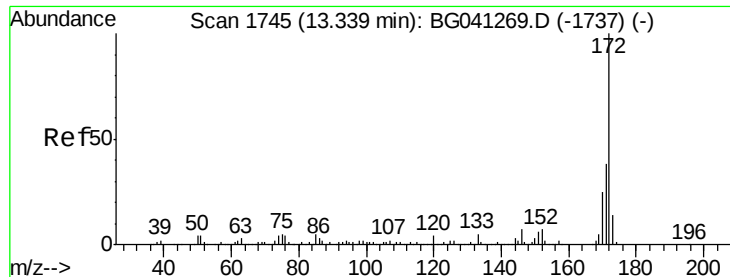
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

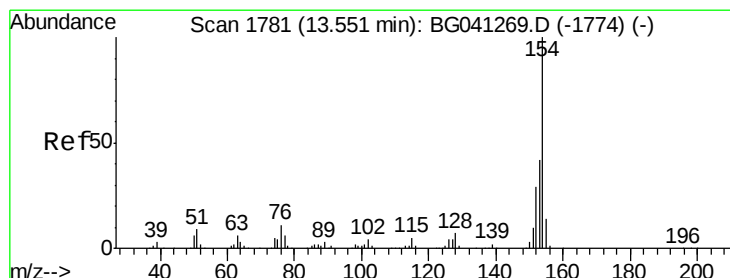
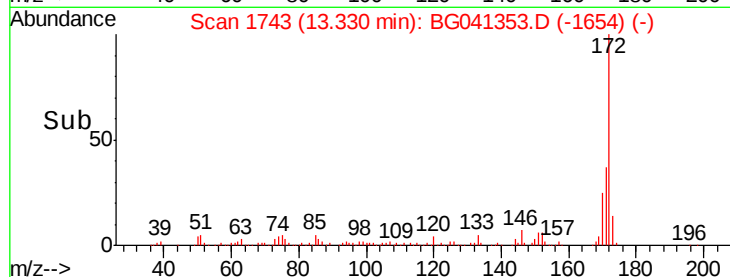
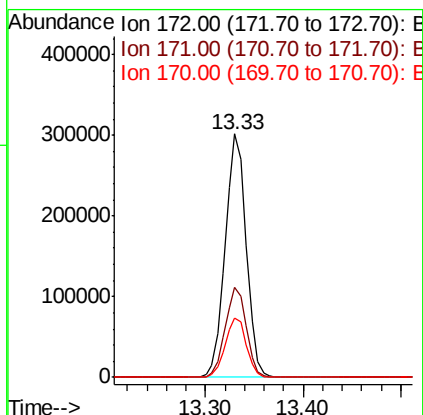
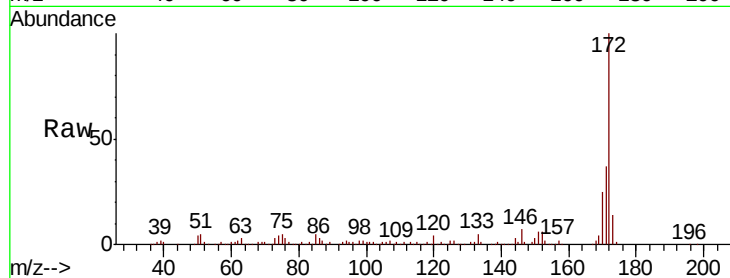




#45
 2-Fluorobiphenyl
 Concen: 74.030 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

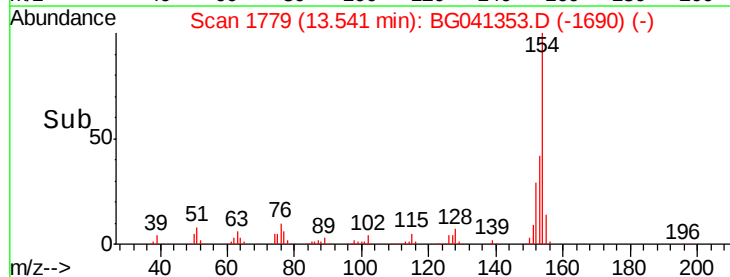
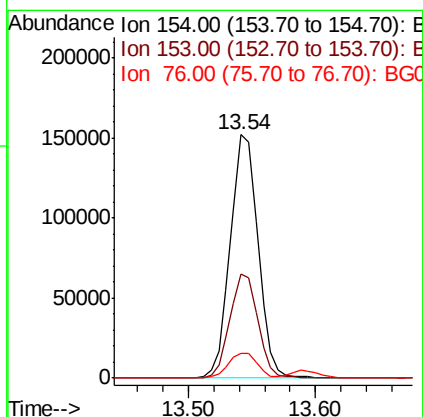
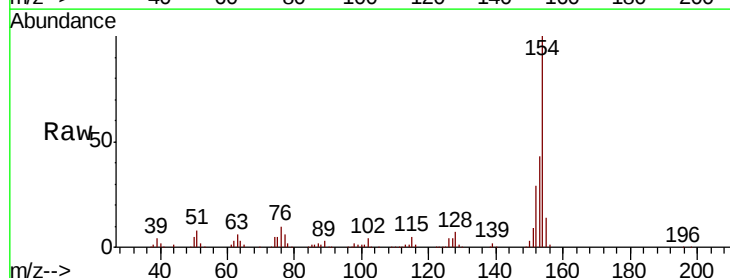
Instrument :
 BNA_G
 ClientSampleId :

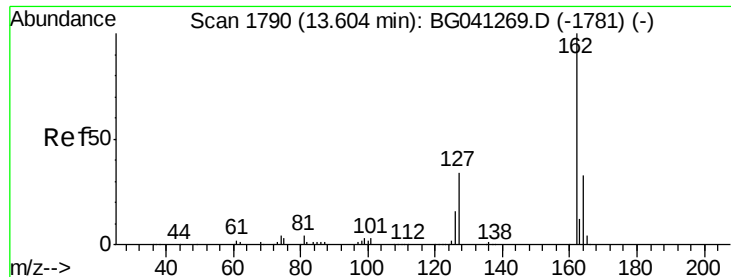
Tot Ion:172 Resp: 448941
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.5 19.8 29.6



#46
 1,1'-Biphenyl
 Concen: 36.845 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion:154 Resp: 229584
 Ion Ratio Lower Upper
 154 100
 153 42.5 22.3 62.3
 76 10.3 0.0 30.8

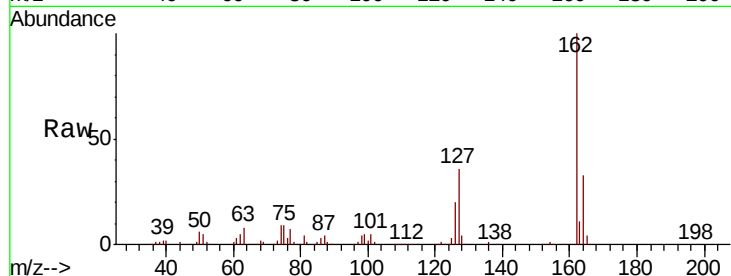




#47
2-Chloronaphthalene
Concen: 37.066 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	31.0	46.4
164	33.0	26.1	39.1

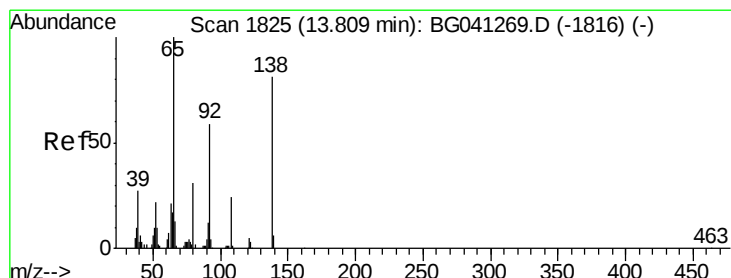
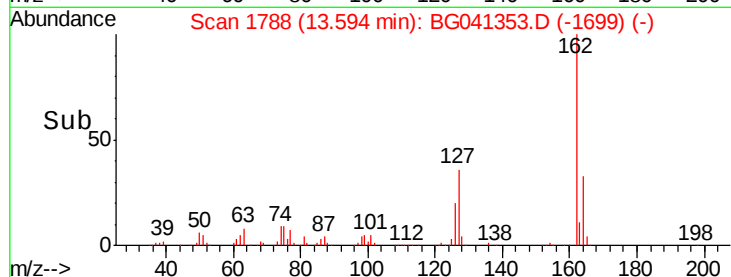
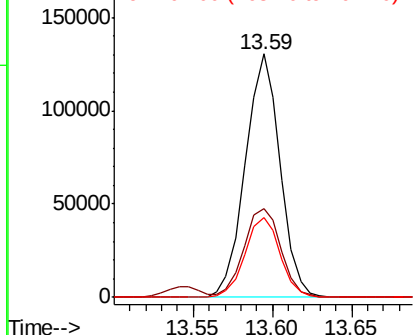


Abundance

Ion 162.00 (161.70 to 162.70): E

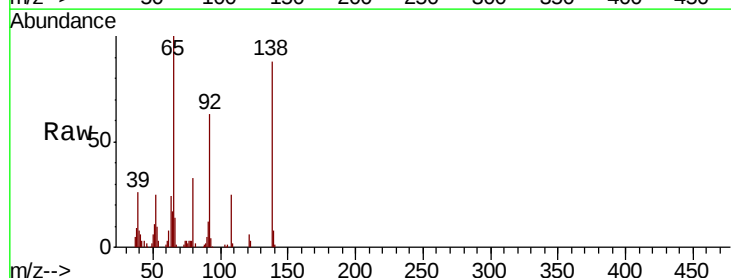
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.077 ng
RT: 13.81 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	47.4	71.2
138	87.9	64.7	97.1

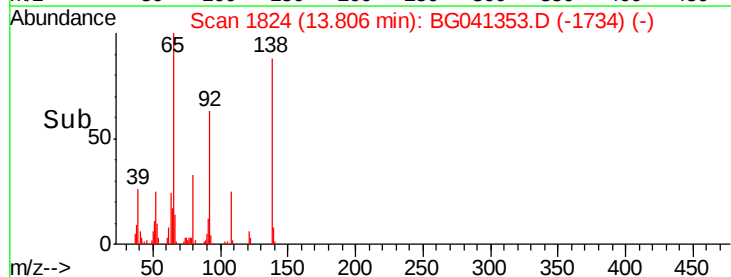
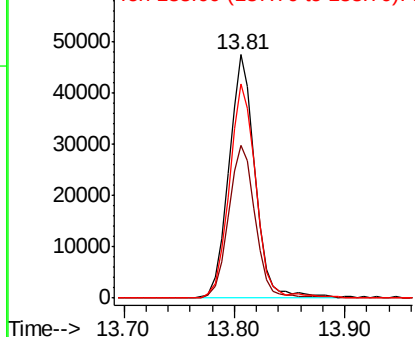


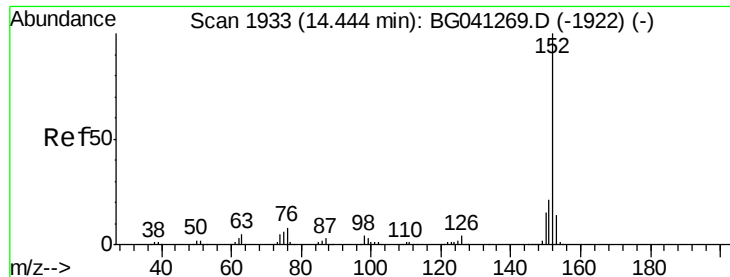
Abundance

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: 38.300 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

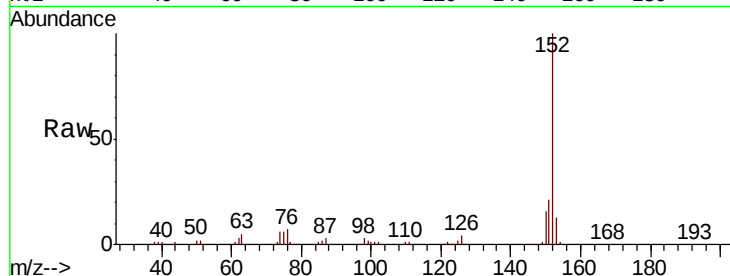
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 311783

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.1	10.8	16.2

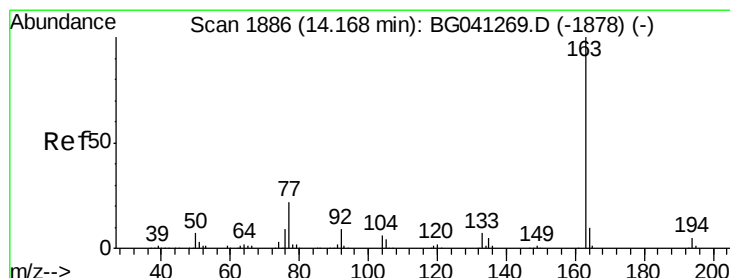
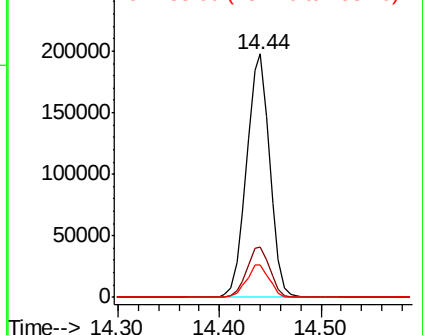
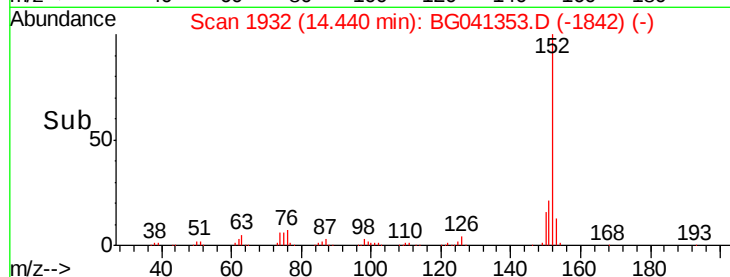


Abundance

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: 39.845 ng

RT: 14.16 min Scan# 1884

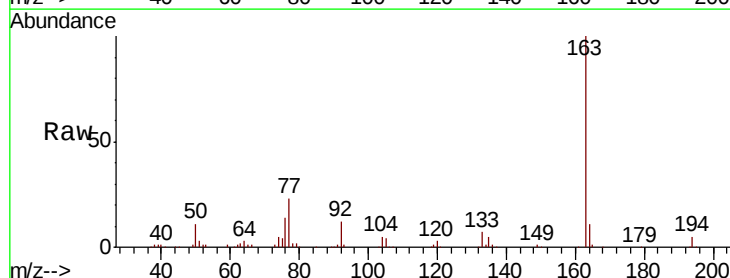
Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Tgt Ion:163 Resp: 292209

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.9	5.9
164	10.7	8.3	12.5

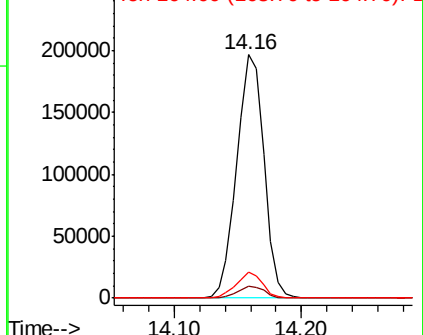
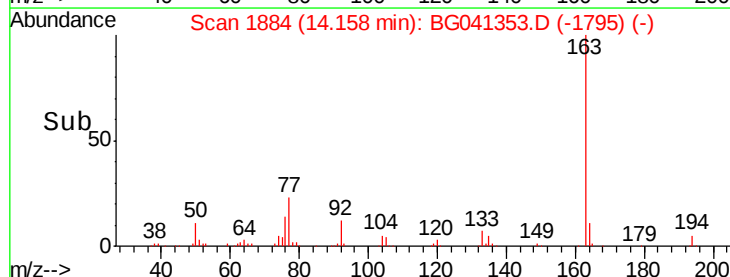


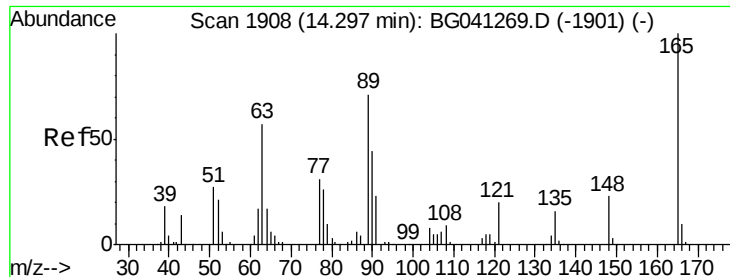
Abundance

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

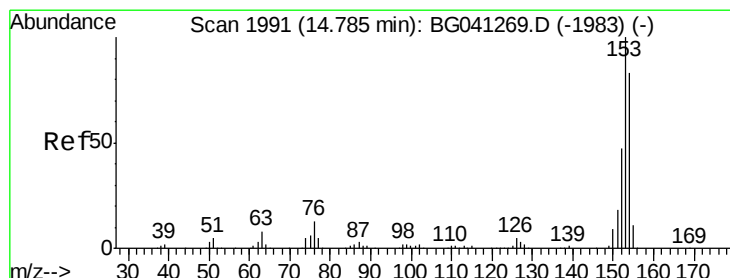
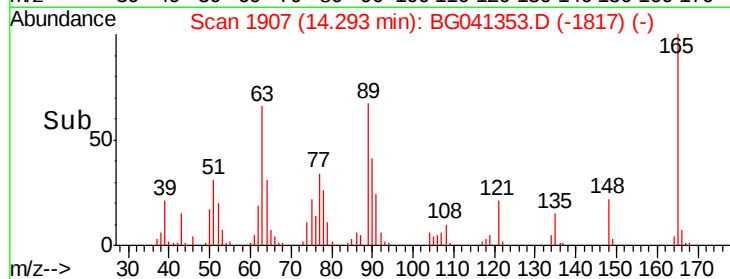
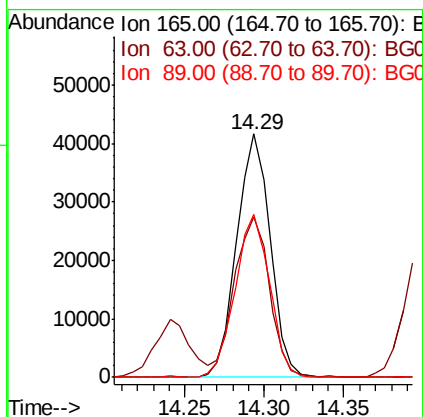
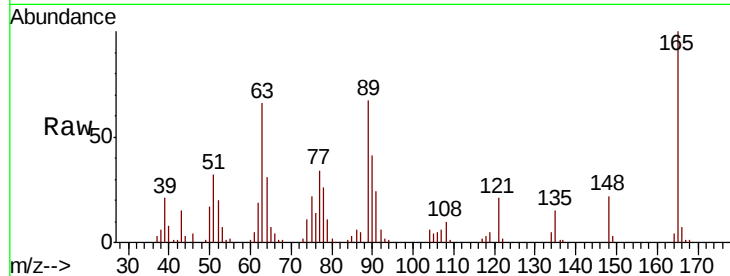




#51
 2,6-Dinitrotoluene
 Concen: 39.464 ng
 RT: 14.29 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

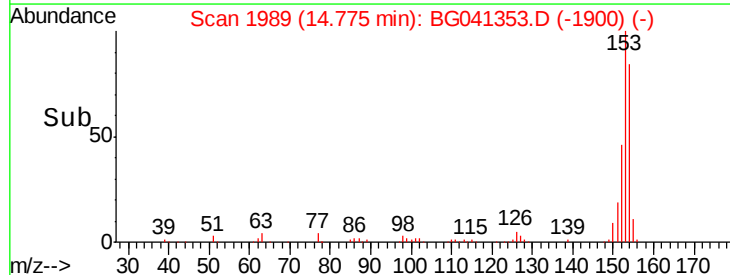
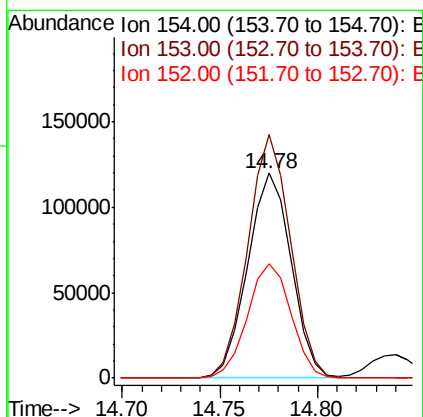
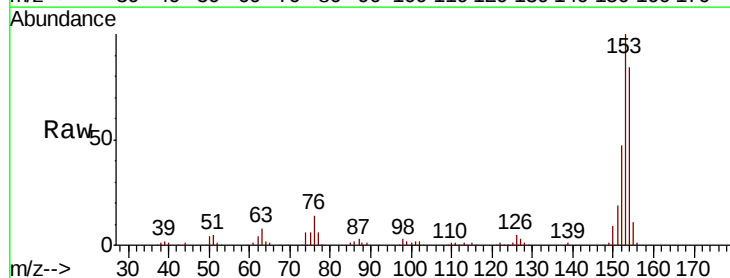
Instrument :
 BNA_G
 ClientSampleId :

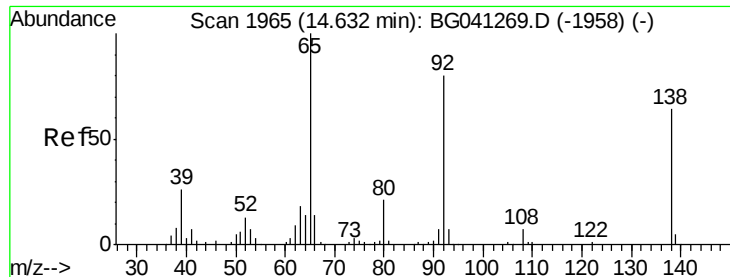
Tot Ion:165 Resp: 61025
 Ion Ratio Lower Upper
 165 100
 63 66.0 55.4 83.0
 89 67.2 56.5 84.7



#52
 Acenaphthene
 Concen: 38.857 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion:154 Resp: 185749
 Ion Ratio Lower Upper
 154 100
 153 118.7 96.6 145.0
 152 55.5 45.5 68.3

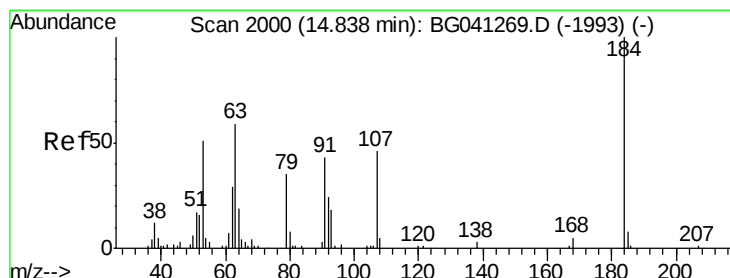
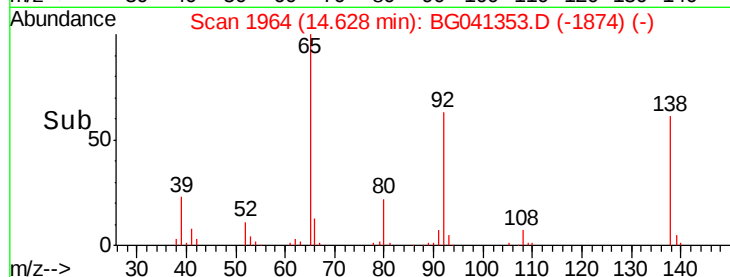
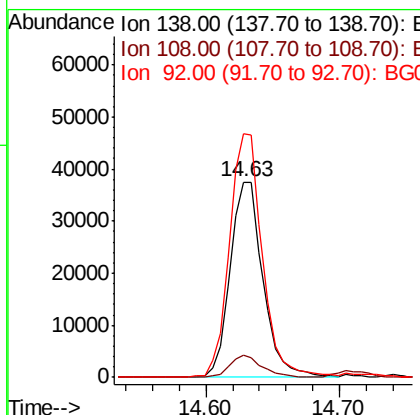
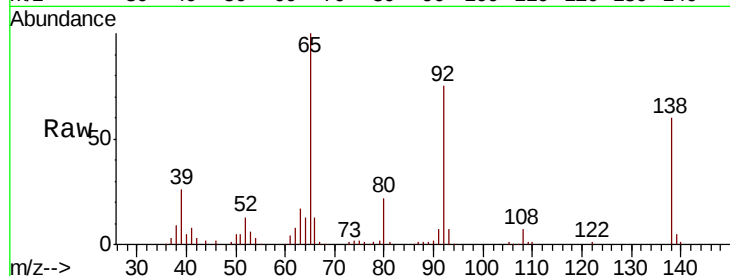




#53
3-Nitroaniline
Concen: 42.246 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

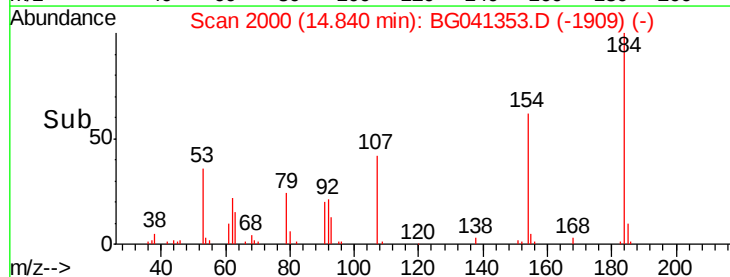
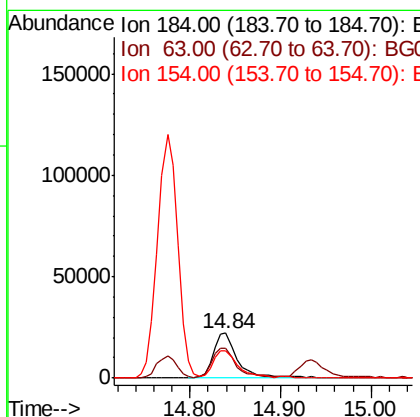
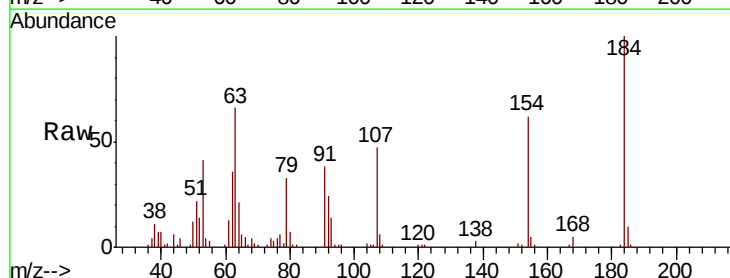
Instrument :
BNA_G
ClientSampleId :

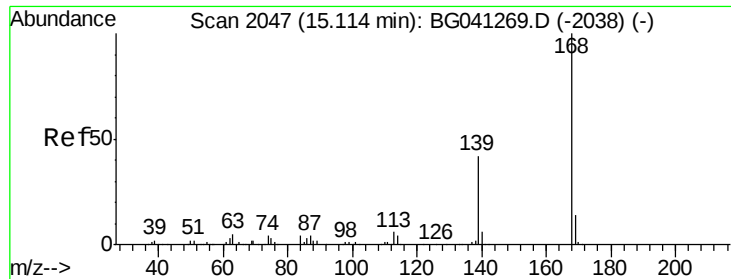
Tot Ion:138 Resp: 64362
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 124.9 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 39.138 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion:184 Resp: 40587
Ion Ratio Lower Upper
184 100
63 65.5 60.0 90.0
154 62.4 58.3 87.5





#55

Dibenzofuran

Concen: 39.407 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

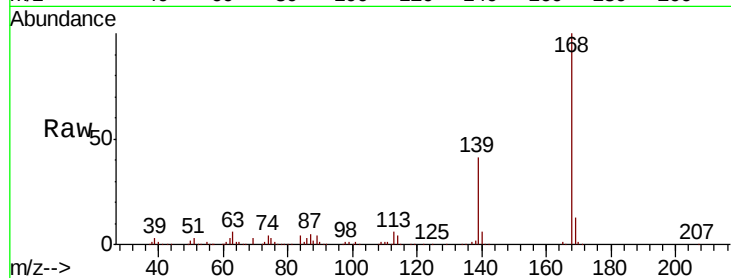
Tot Ion:168 Resp: 327526

Ion Ratio Lower Upper

168 100

139 40.9 33.6 50.4

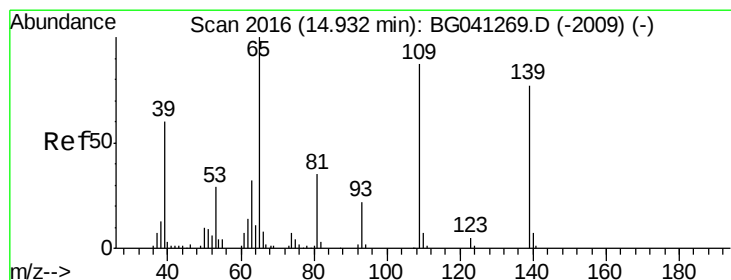
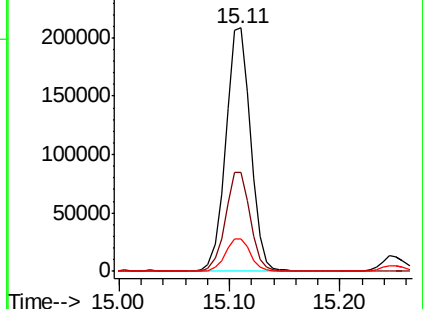
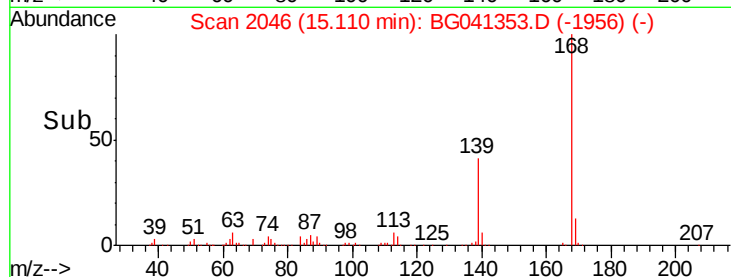
169 13.1 10.8 16.2



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: 39.156 ng

RT: 14.93 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

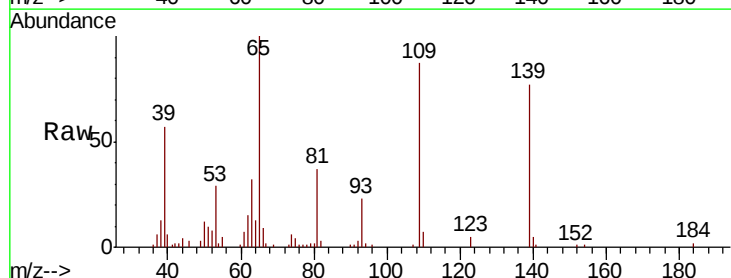
Tgt Ion:139 Resp: 43339

Ion Ratio Lower Upper

139 100

109 112.7 93.2 133.2

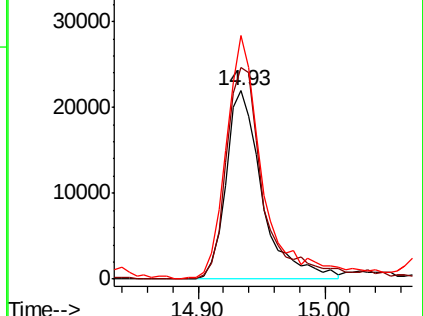
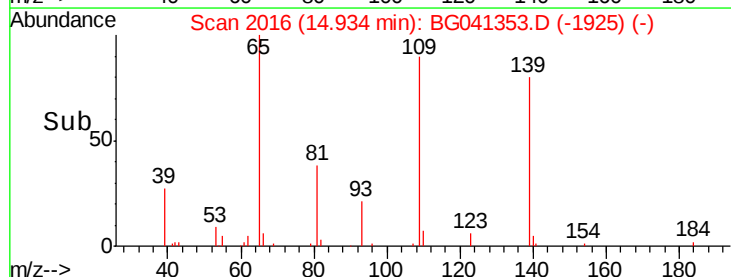
65 129.5 110.2 150.2

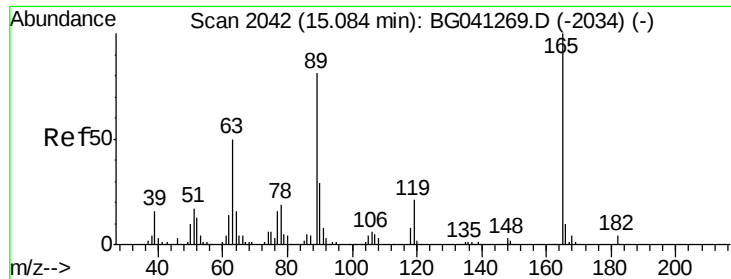


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

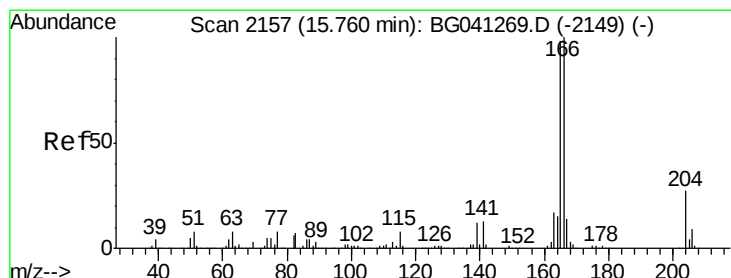
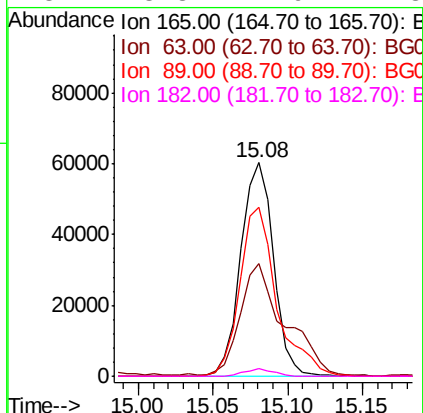
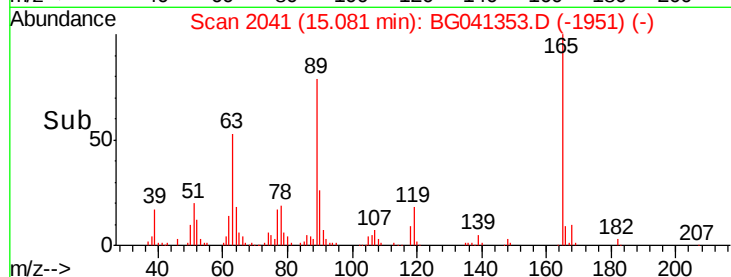
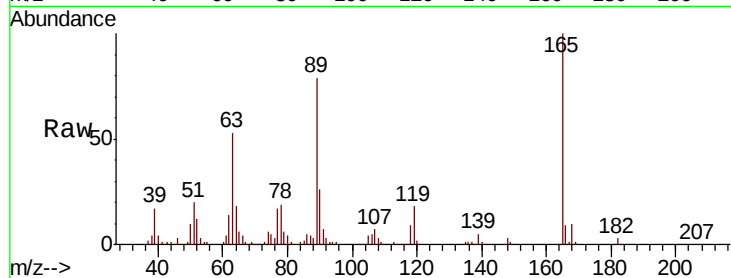




#57
 2,4-Dinitrotoluene
 Concen: 40.443 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

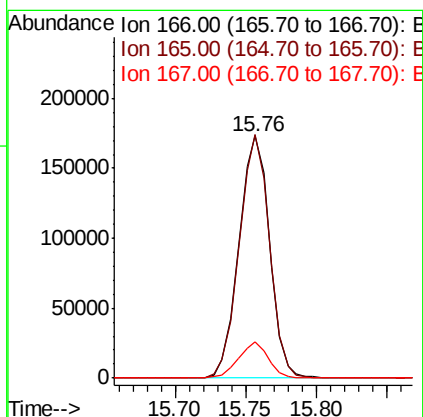
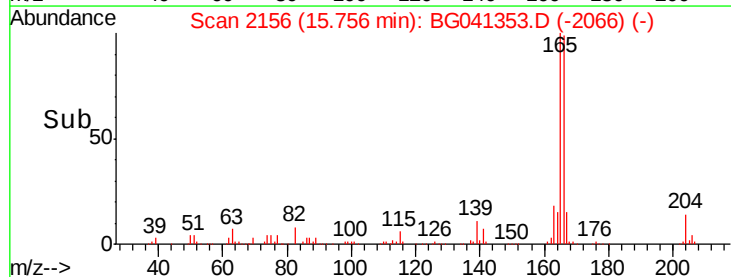
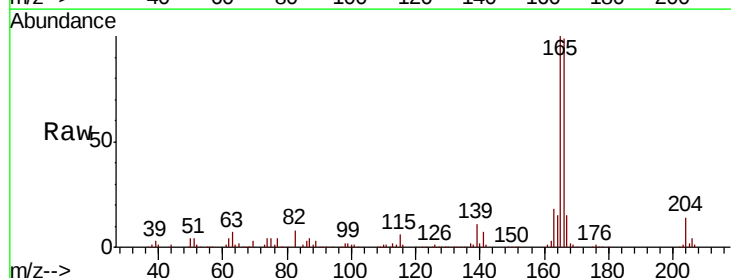
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	91418
Ion	Ratio	Lower Upper
165	100	
63	52.6	40.0 60.0
89	79.4	64.6 96.8
182	3.3	2.9 4.3



#58
 Fluorene
 Concen: 40.080 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion:166	Resp:	262047
Ion	Ratio	Lower Upper
166	100	
165	100.7	78.8 118.2
167	15.1	11.3 16.9

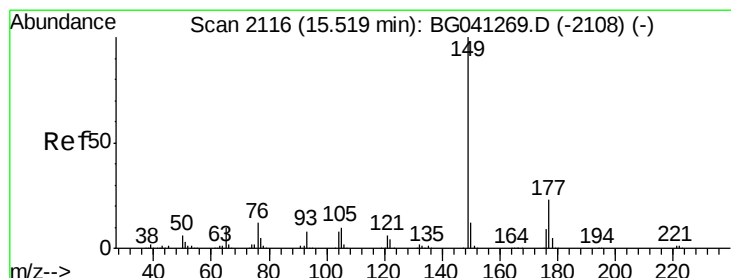
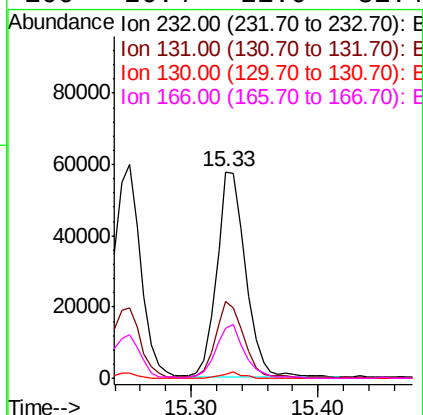
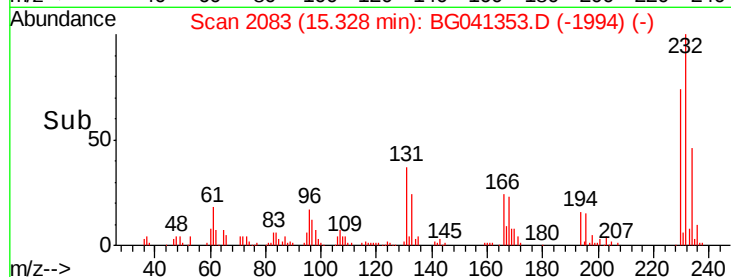
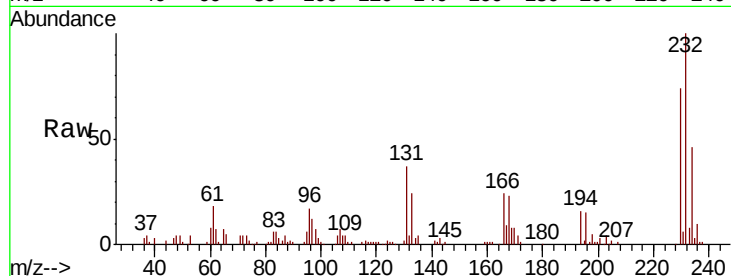




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.535 ng
RT: 15.33 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

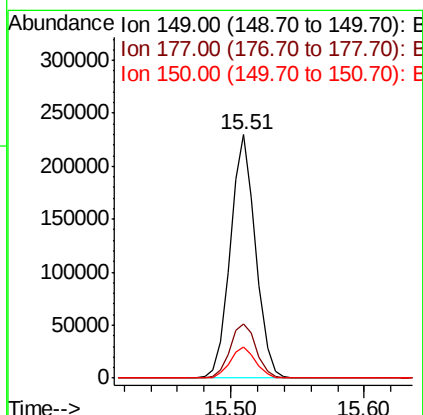
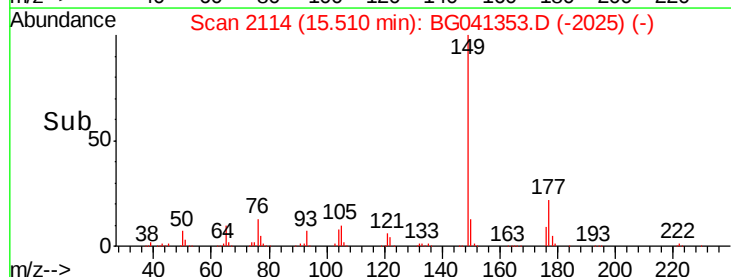
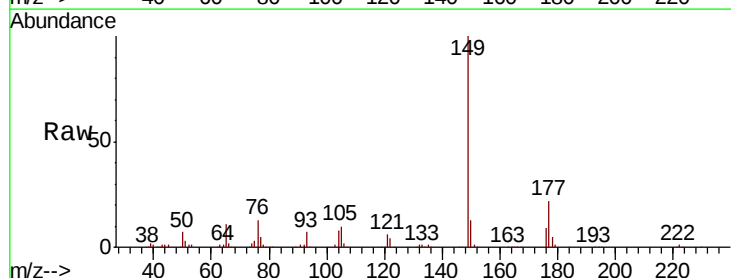
Instrument :
BNA_G
ClientSampleId :

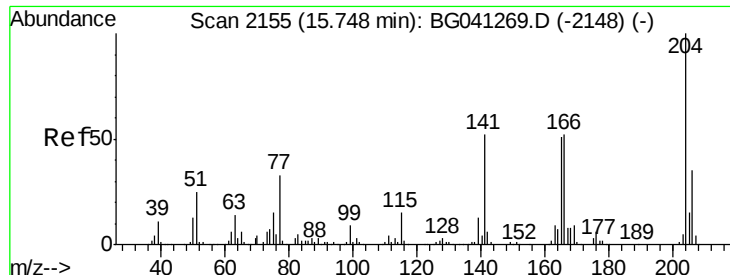
Tot Ion	Ratio	Lower	Upper
232	100		
131	36.5	29.0	43.6
130	2.1	1.6	2.4
166	26.4	21.0	31.4



#60
Diethylphthalate
Concen: 40.432 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.4	27.6
150	12.8	9.9	14.9

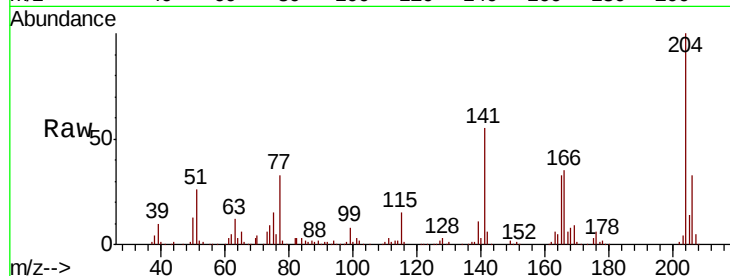




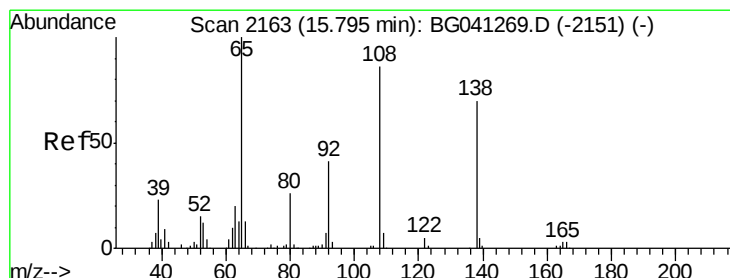
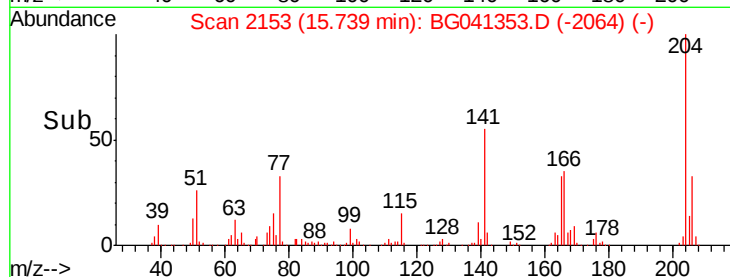
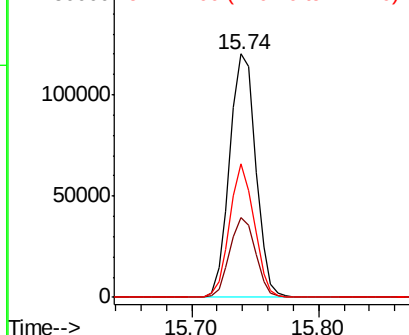
#61
 4-Chlorophenyl-phenylether
 Concen: 40.139 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 170745
 Ion Ratio Lower Upper
 204 100
 206 32.8 27.9 41.9
 141 54.8 41.4 62.0

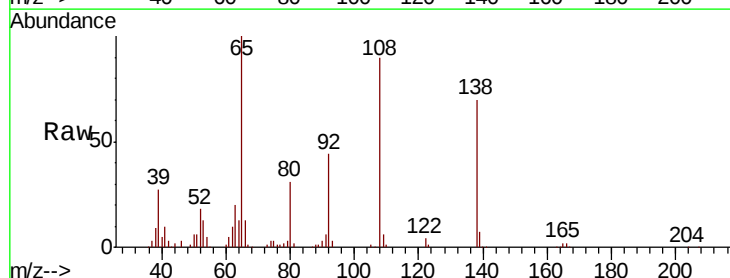


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

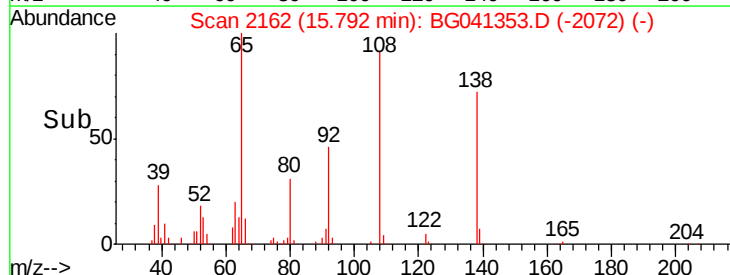
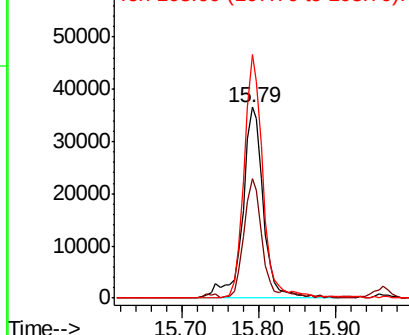


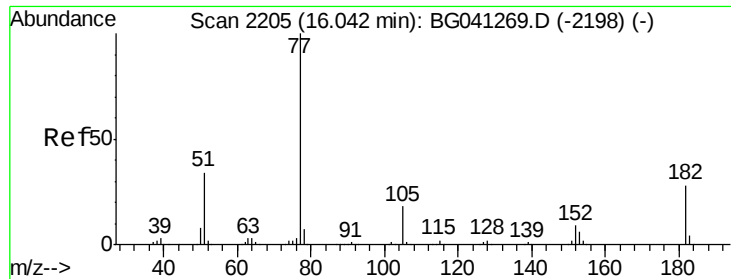
#62
 4-Nitroaniline
 Concen: 42.311 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG041353.D
 Acq: 20 Jun 2019 12:39

Tgt Ion:138 Resp: 68943
 Ion Ratio Lower Upper
 138 100
 92 62.9 38.8 78.8
 108 127.7 103.4 143.4



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





#63

Azobenzene

Concen: 40.206 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 267369

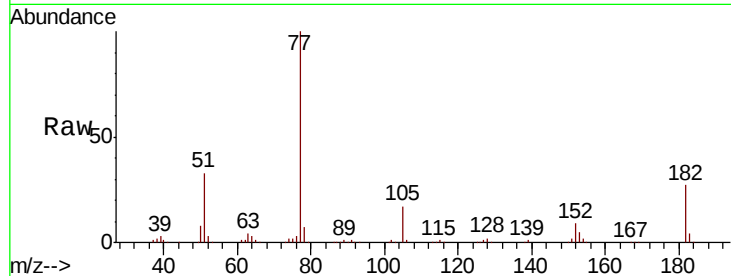
Ion Ratio Lower Upper

77 100

182 27.4 7.5 47.5

105 16.7 0.0 37.7

51 33.5 14.6 54.6

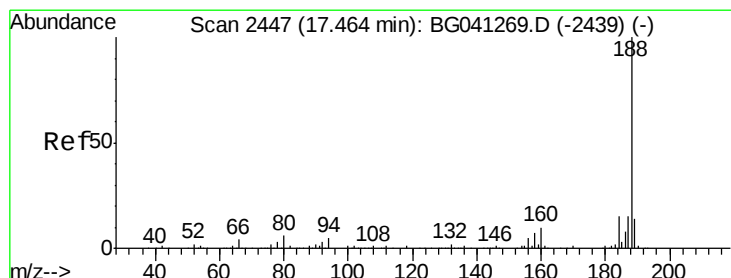
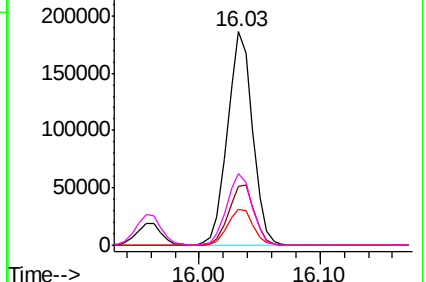
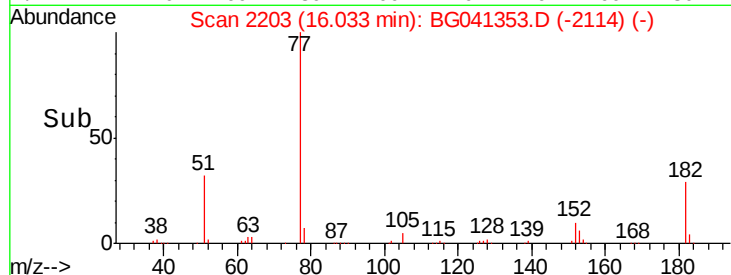


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

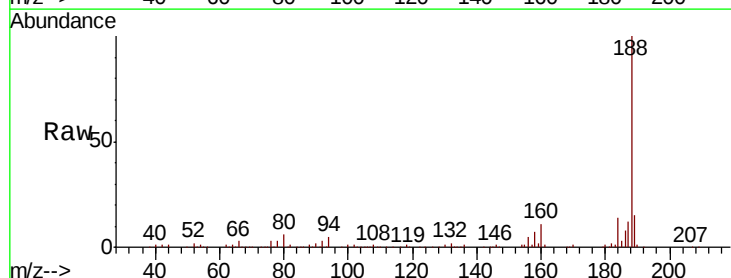
Tgt Ion: 188 Resp: 225502

Ion Ratio Lower Upper

188 100

94 5.3 3.6 5.4

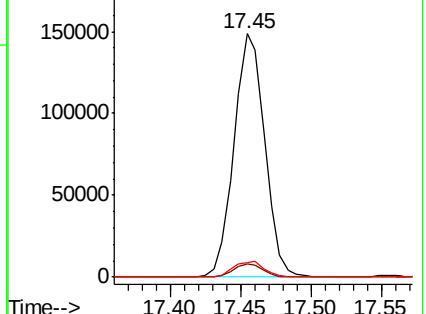
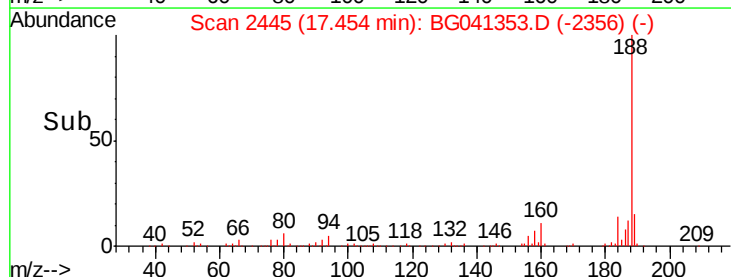
80 6.1 4.8 7.2

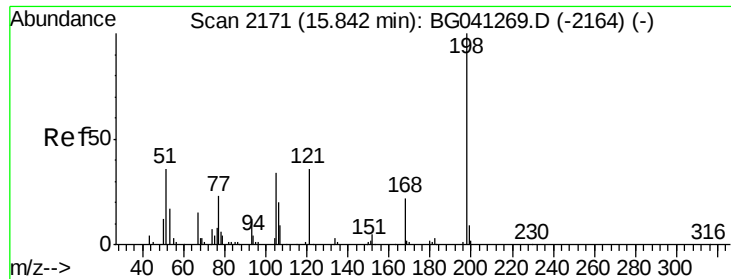


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.475 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

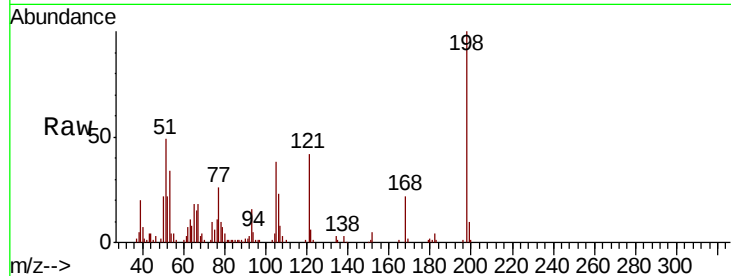
Tot Ion:198 Resp: 57779

Ion Ratio Lower Upper

198 100

51 49.5 23.4 63.4

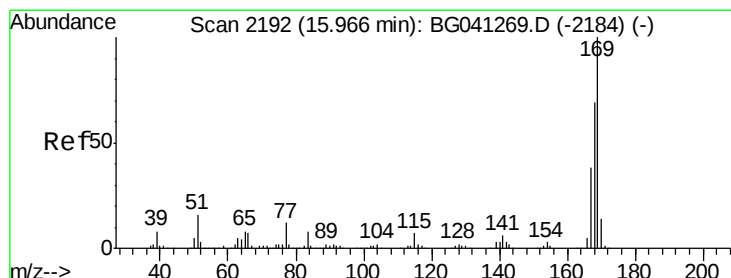
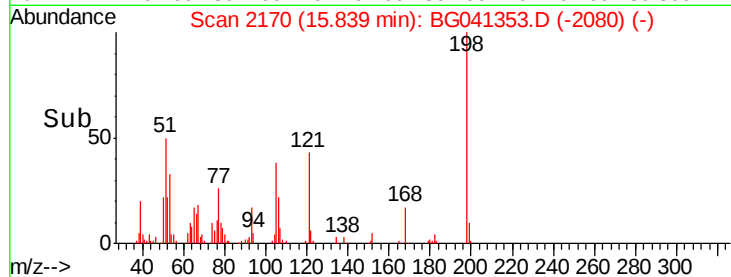
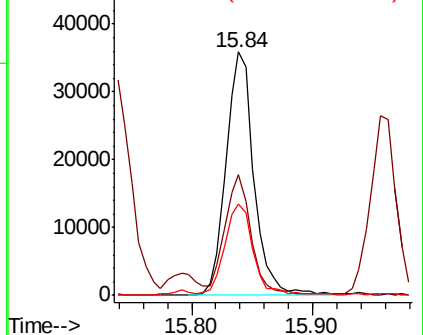
105 37.7 15.8 55.8



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: 39.032 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

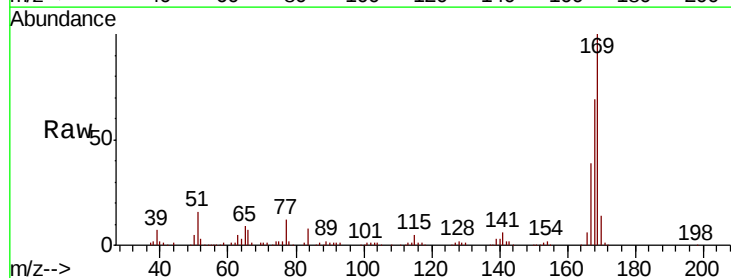
Tgt Ion:169 Resp: 233712

Ion Ratio Lower Upper

169 100

168 69.1 55.2 82.8

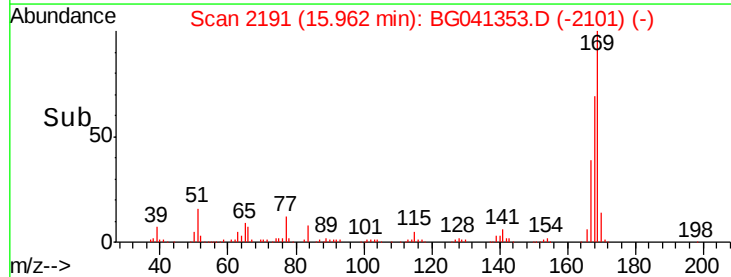
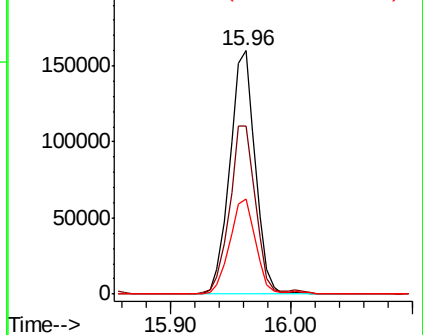
167 39.3 30.4 45.6

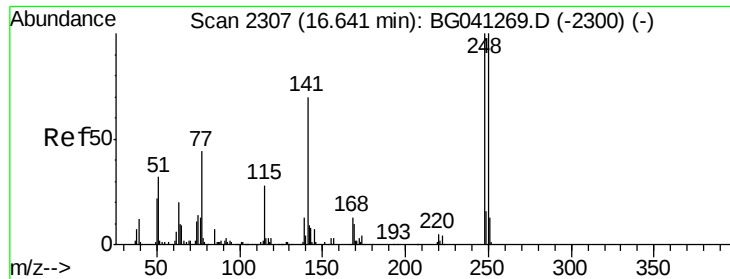


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

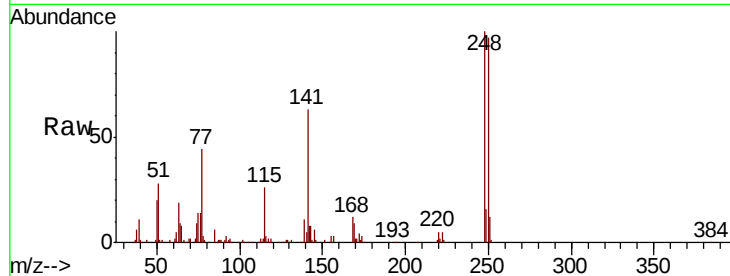




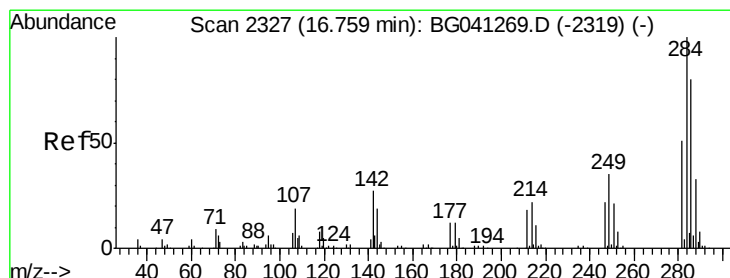
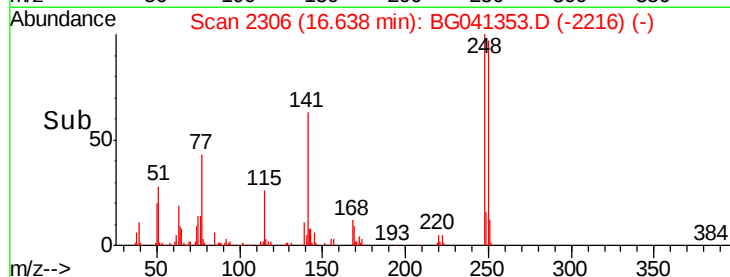
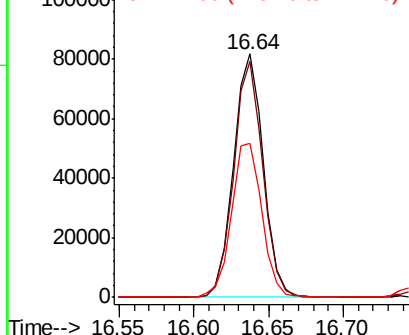
#67
4-Bromophenyl-phenylether
Concen: 38.938 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 113536
Ion Ratio Lower Upper
248 100
250 96.7 79.8 119.8
141 63.1 55.8 83.6

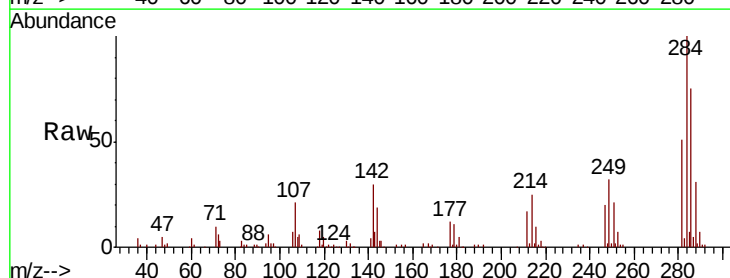


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

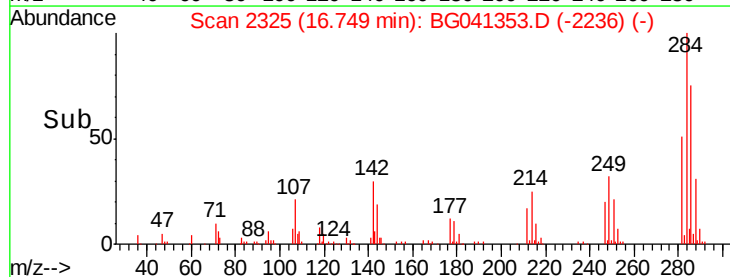
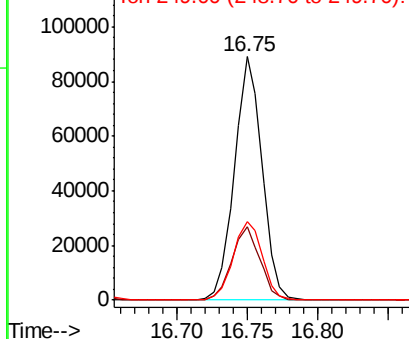


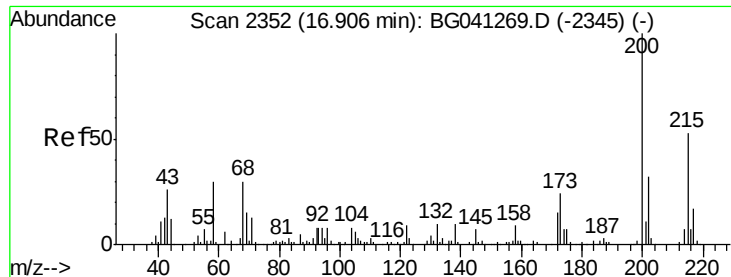
#68
Hexachlorobenzene
Concen: 38.806 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion:284 Resp: 121165
Ion Ratio Lower Upper
284 100
142 30.1 21.8 32.8
249 34.2 27.8 41.6



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

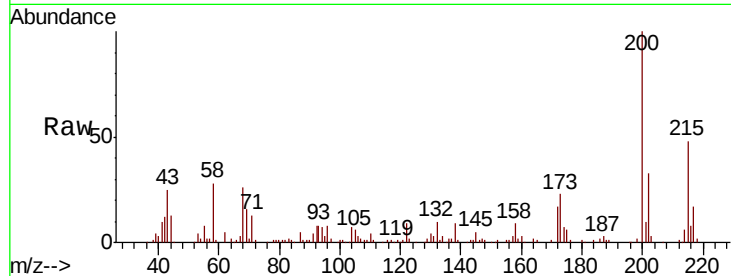




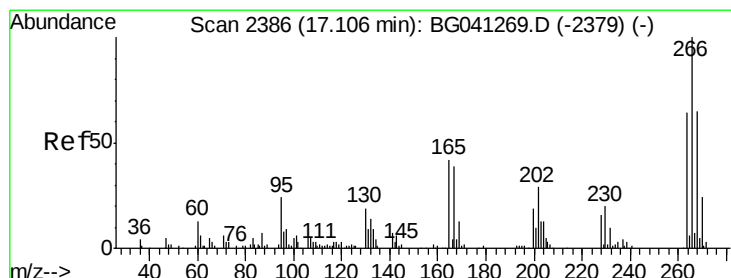
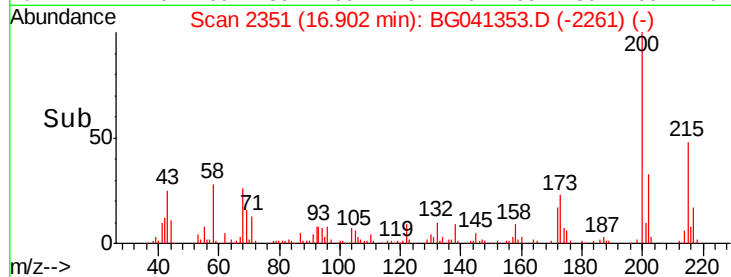
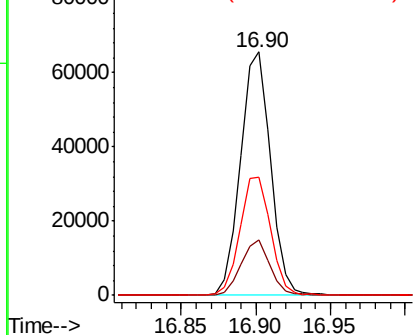
#69
Atrazine
Concen: 41.344 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	4.0	44.0
215	48.4	33.4	73.4

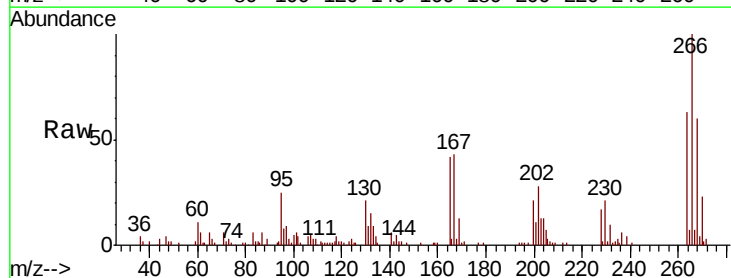


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

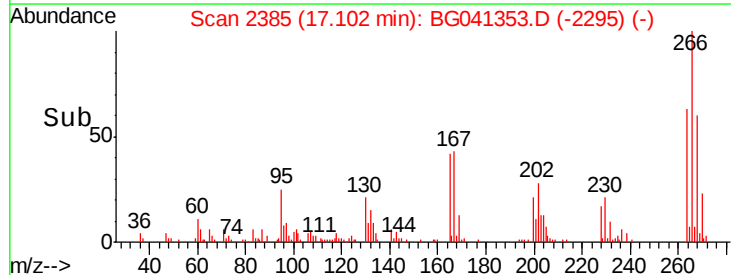
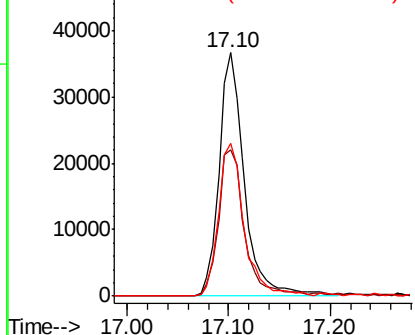


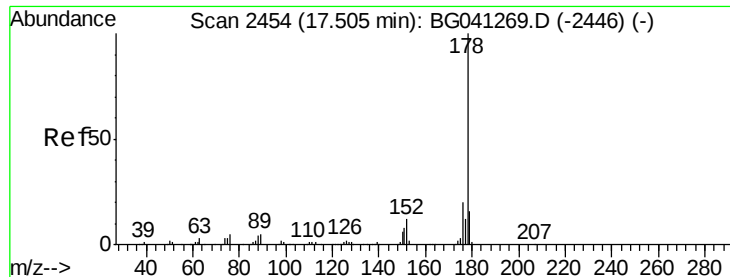
#70
Pentachlorophenol
Concen: 39.598 ng
RT: 17.10 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.4	52.0	78.0
264	62.6	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

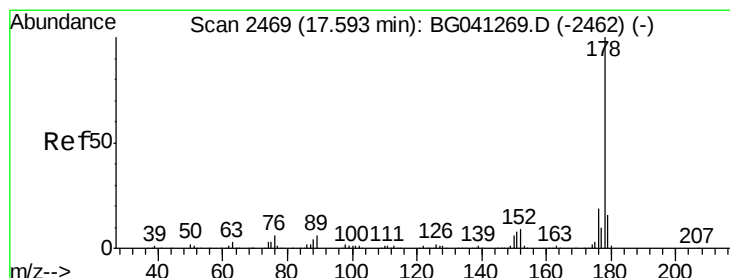
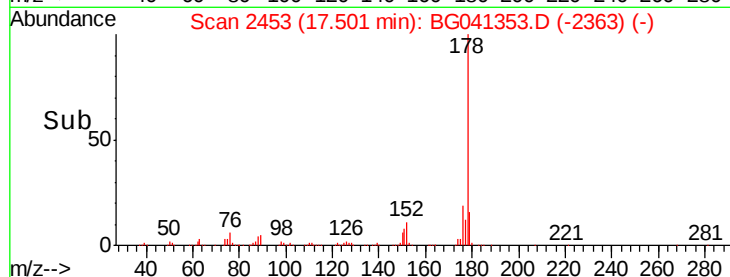
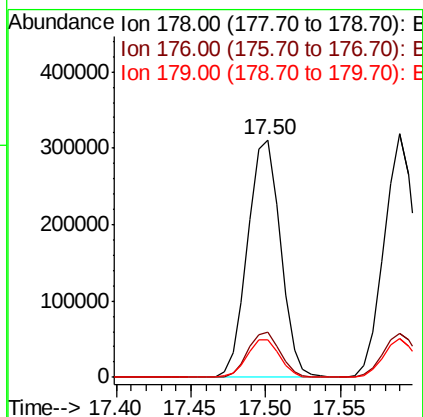
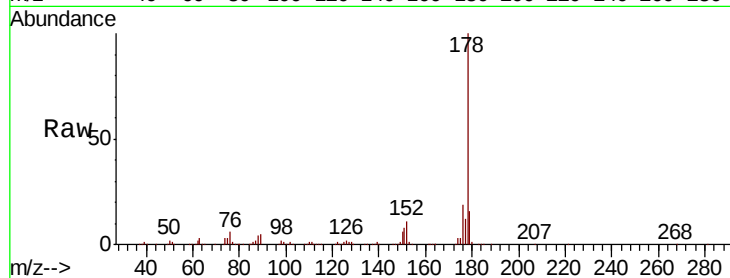




#71
Phenanthrene
Concen: 39.317 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

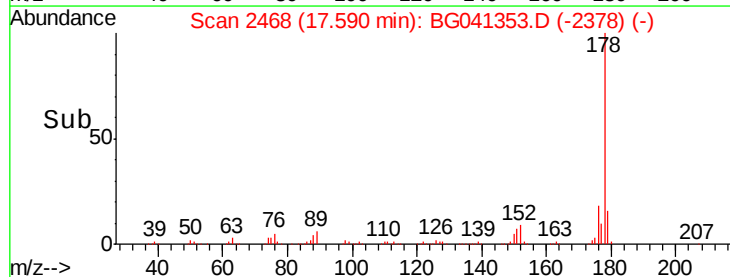
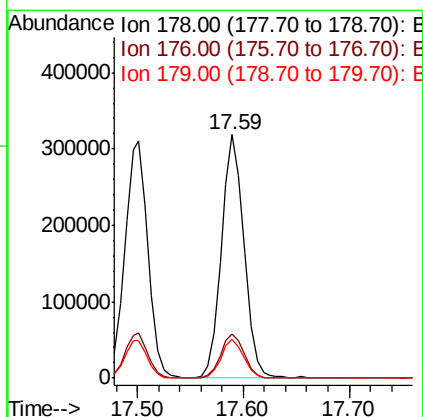
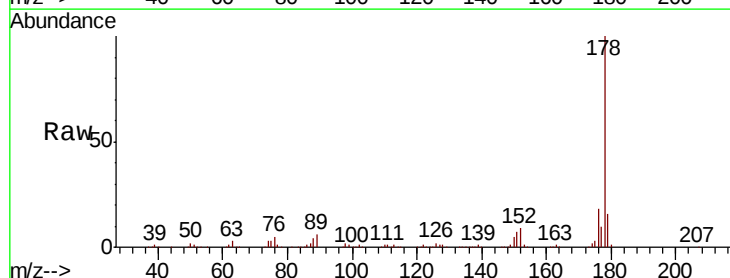
Instrument :
BNA_G
ClientSampleId :

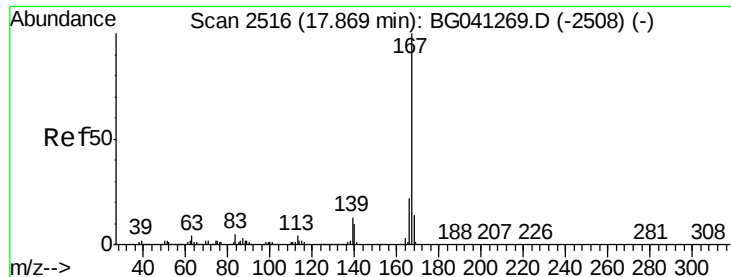
Tot Ion:178 Resp: 472861
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 16.0 12.9 19.3



#72
Anthracene
Concen: 39.828 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion:178 Resp: 472237
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 16.0 13.0 19.4





#73

Carbazole

Concen: 39.011 ng

RT: 17.87 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

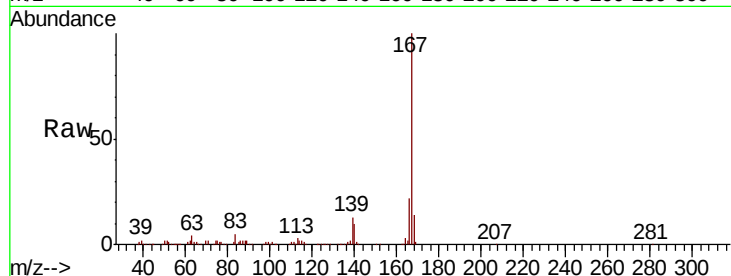
Tot Ion:167 Resp: 404624

Ion Ratio Lower Upper

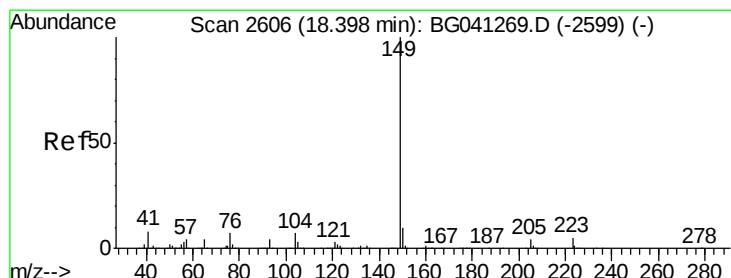
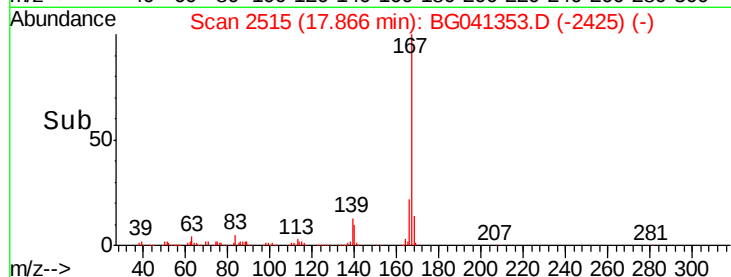
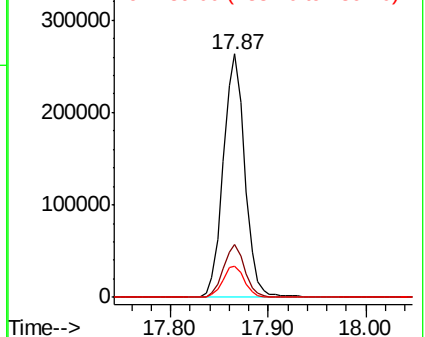
167 100

166 21.5 17.9 26.9

139 12.9 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: 39.320 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

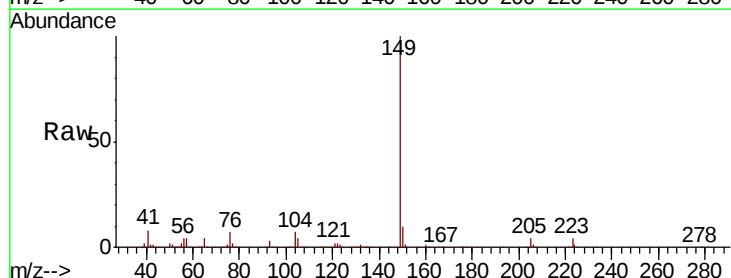
Tgt Ion:149 Resp: 508876

Ion Ratio Lower Upper

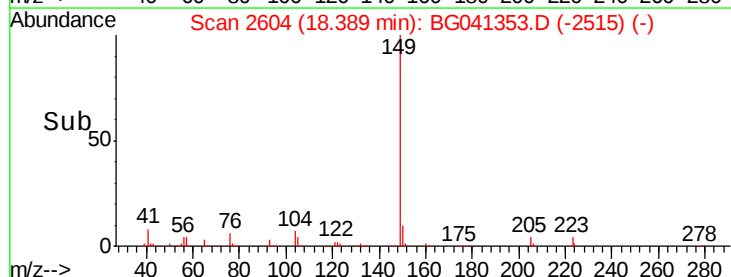
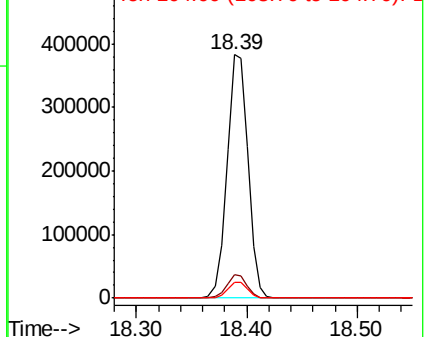
149 100

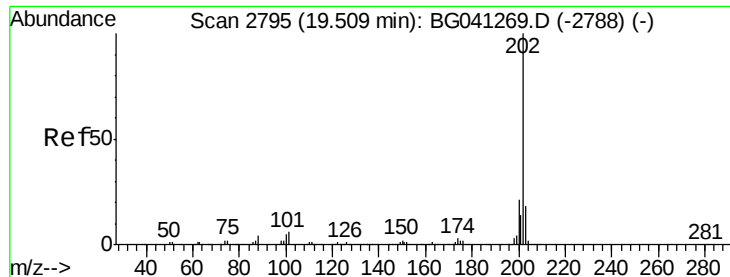
150 9.6 8.1 12.1

104 6.5 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: 38.311 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

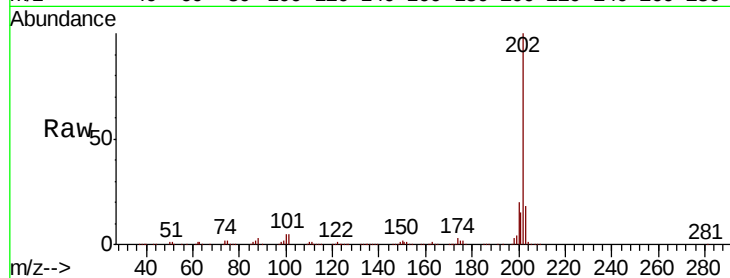
Tot Ion:202 Resp: 612129

Ion Ratio Lower Upper

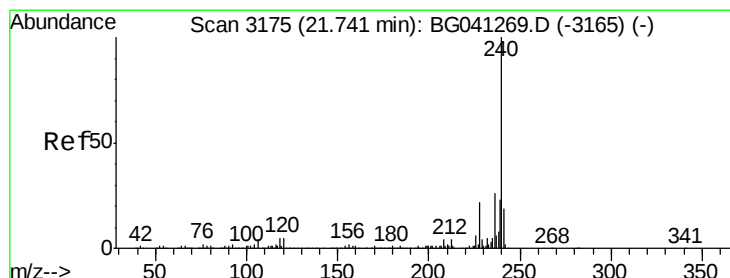
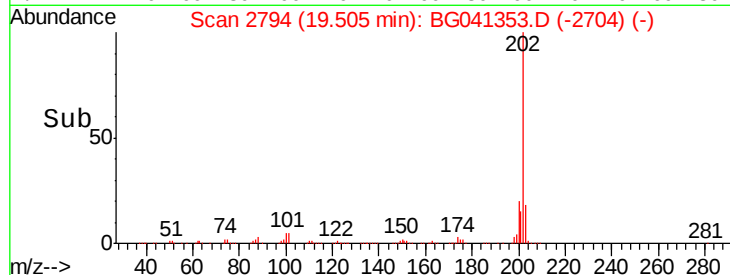
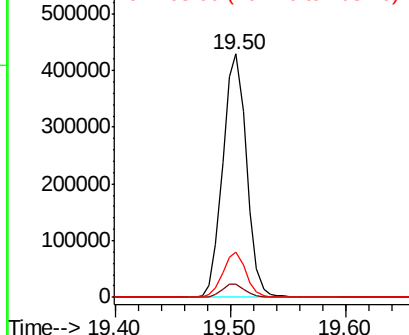
202 100

101 5.4 0.0 26.0

203 18.4 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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

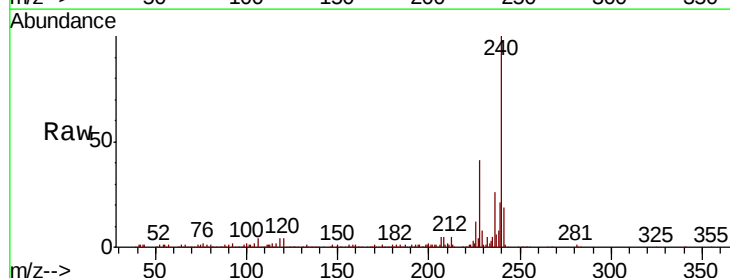
Tgt Ion:240 Resp: 221313

Ion Ratio Lower Upper

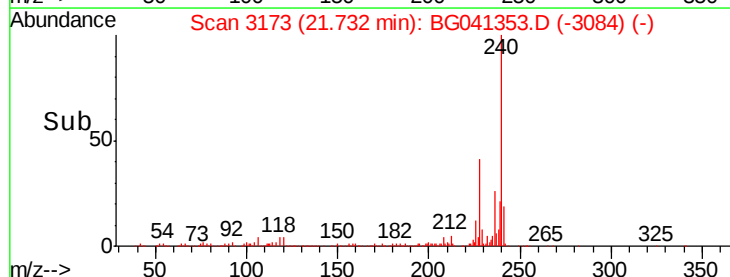
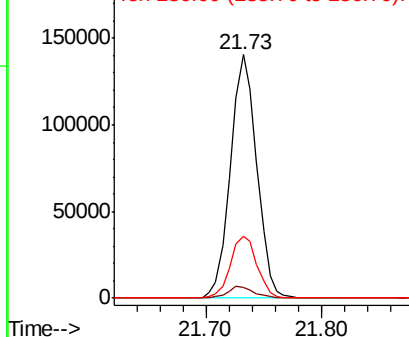
240 100

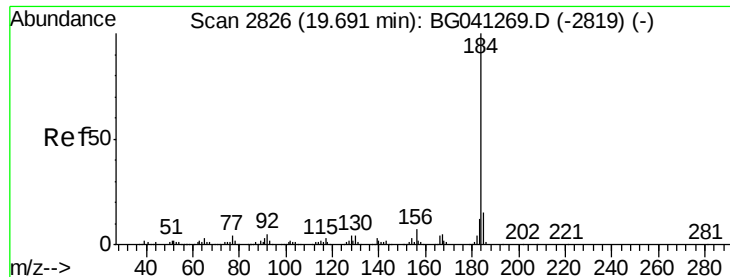
120 4.4 3.7 5.5

236 25.6 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: 43.779 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

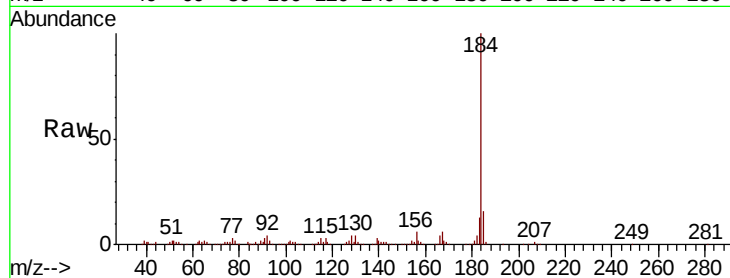
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 234349

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.2
183	12.7	9.6	14.4

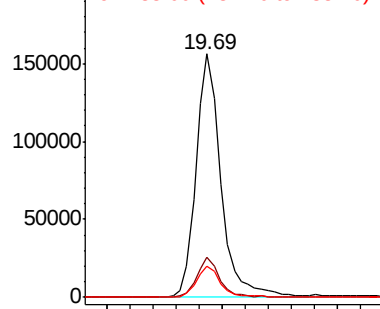


Abundance

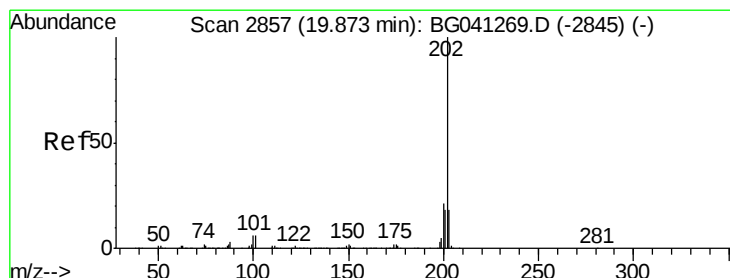
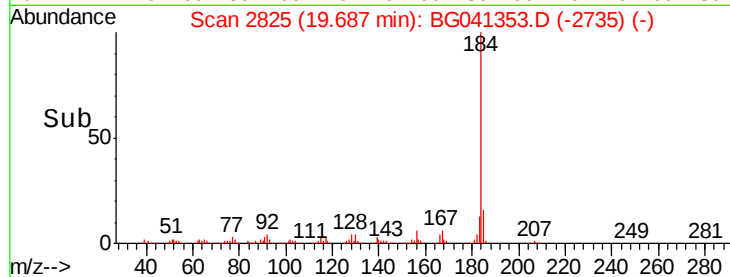
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 40.720 ng

RT: 19.87 min Scan# 2856

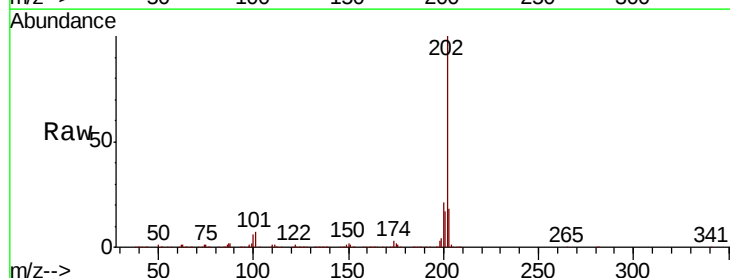
Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Tgt Ion:202 Resp: 607766

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.5	14.6	21.8

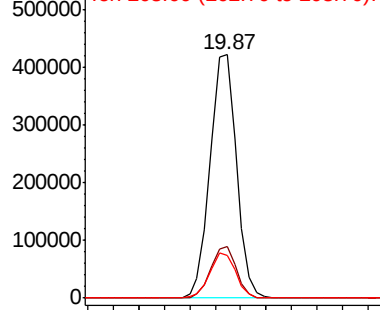


Abundance

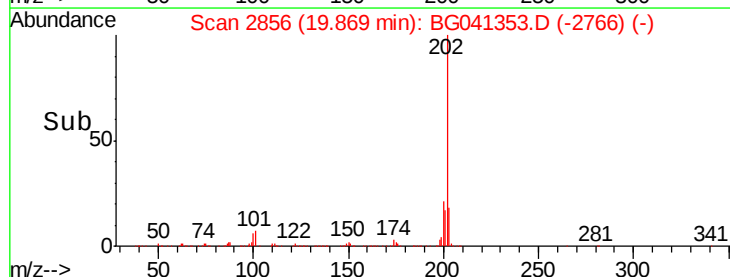
Ion 202.00 (201.70 to 202.70): E

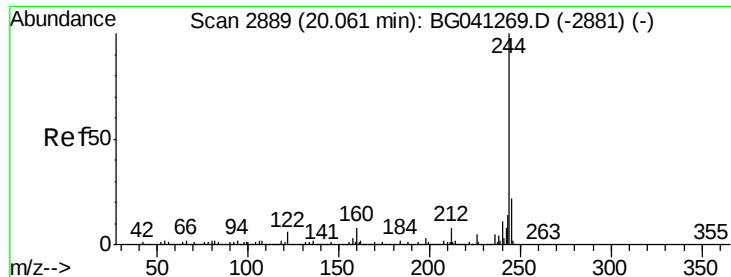
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 82.061 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

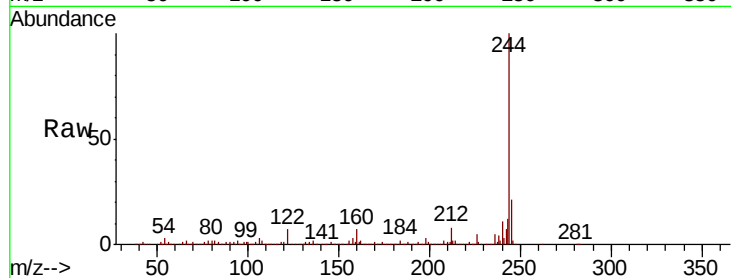
Tot Ion:244 Resp: 916396

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

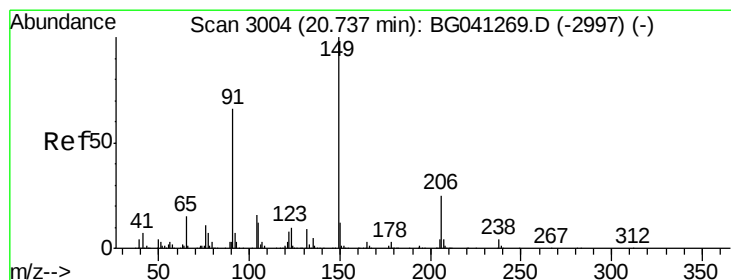
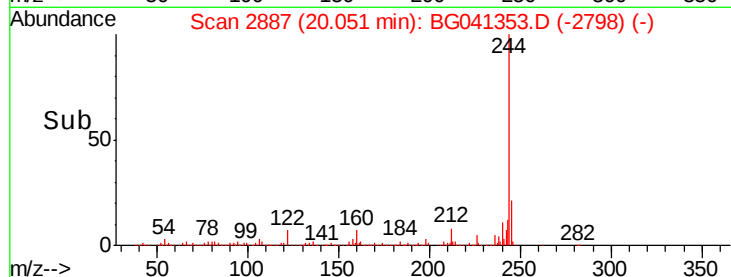
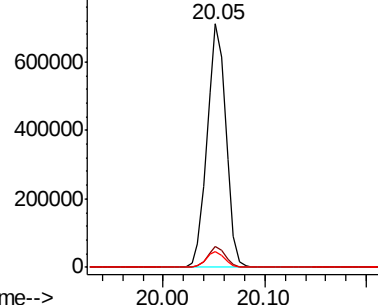
122 6.6 5.0 7.4



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: 39.655 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

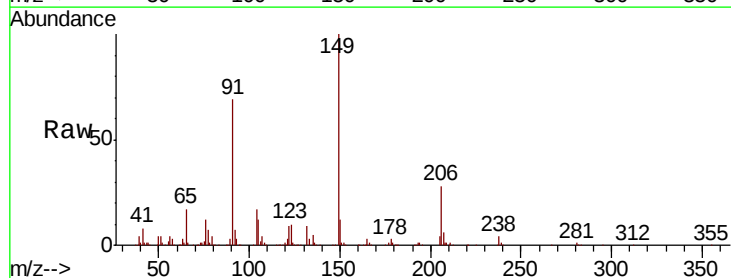
Tgt Ion:149 Resp: 223872

Ion Ratio Lower Upper

149 100

91 69.0 53.2 79.8

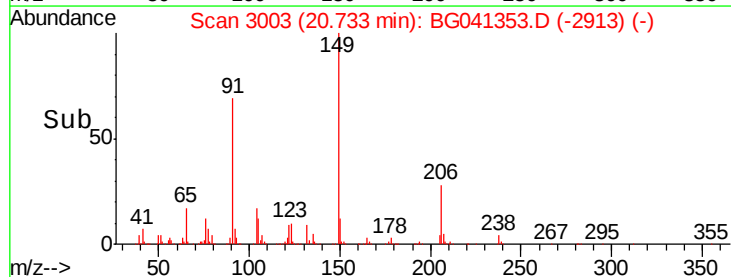
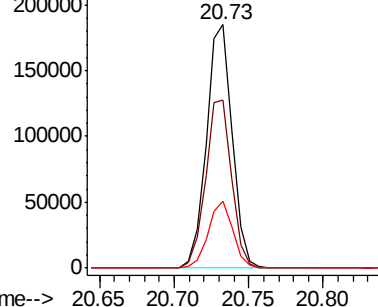
206 27.6 20.3 30.5

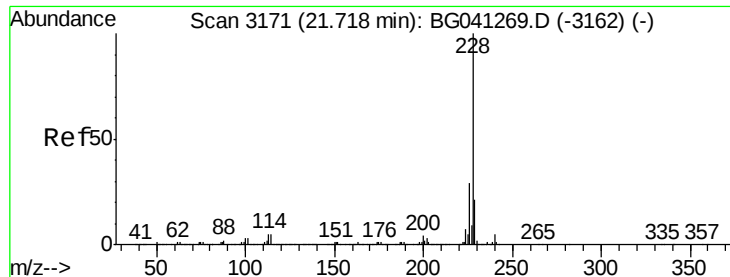


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.046 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

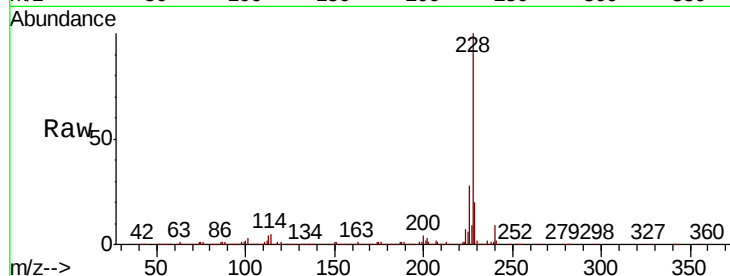
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 585100

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.2	34.8
229	20.1	16.8	25.2

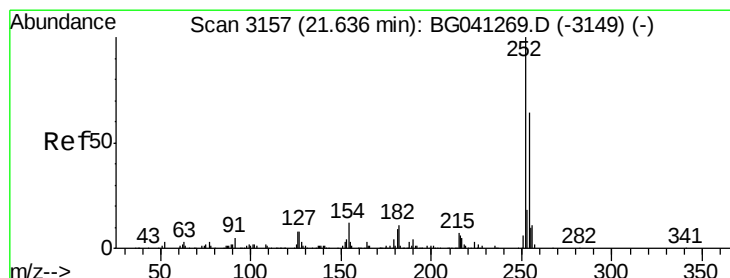
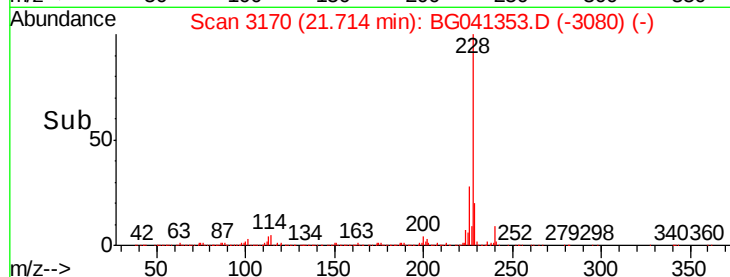
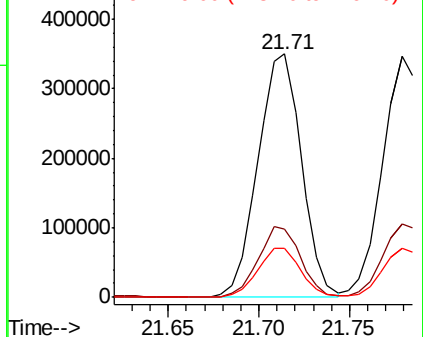


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 39.554 ng

RT: 21.63 min Scan# 3155

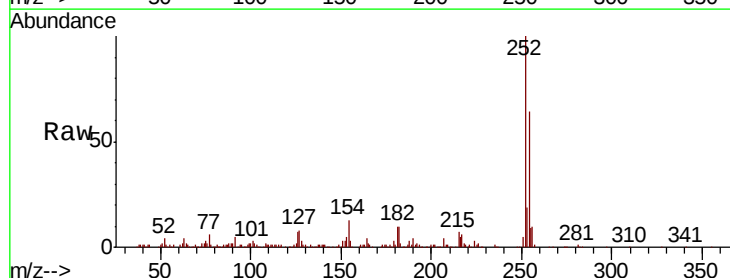
Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Tgt Ion:252 Resp: 208063

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.0
126	6.7	6.0	9.0

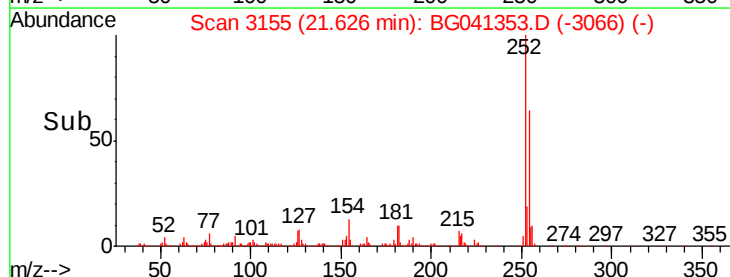
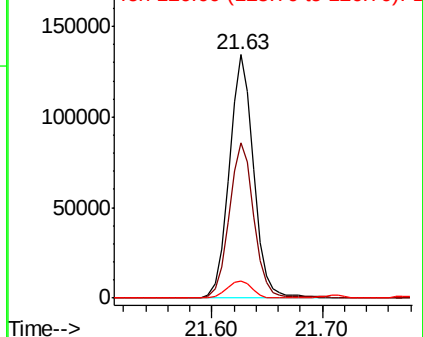


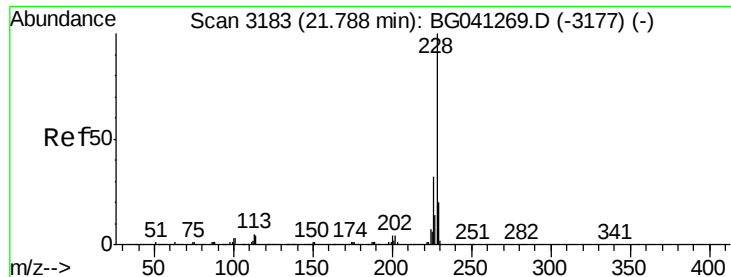
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.892 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampled :

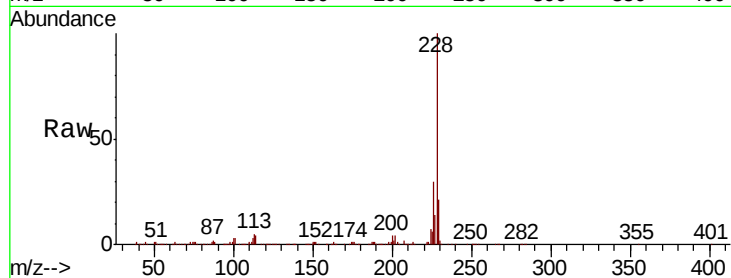
Tot Ion:228 Resp: 560455

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

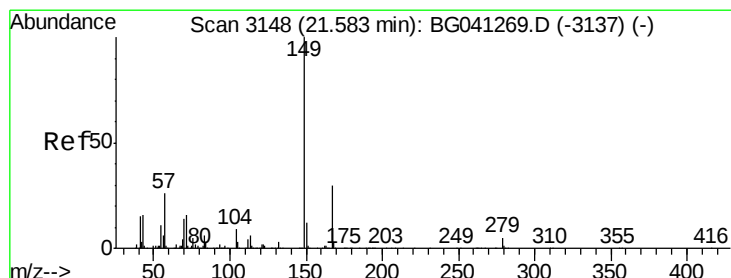
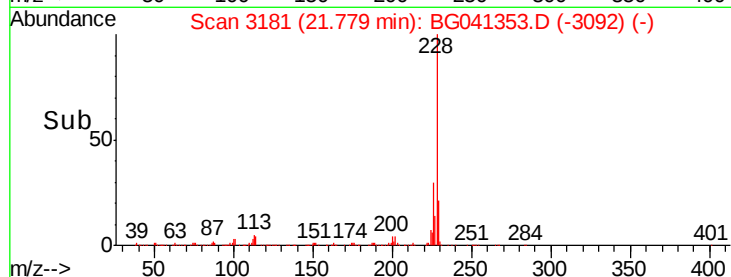
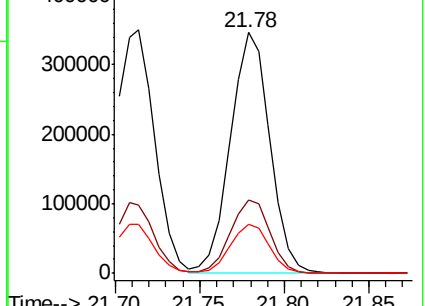
229 20.6 16.2 24.2



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: 39.236 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

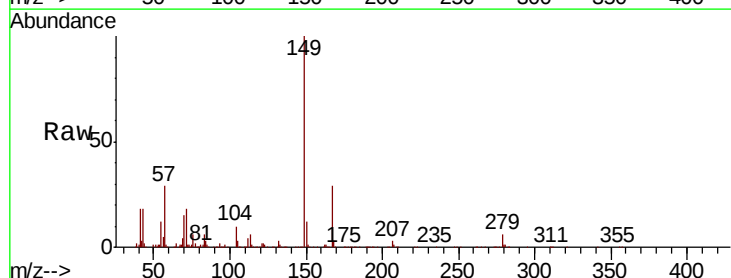
Tgt Ion:149 Resp: 301870

Ion Ratio Lower Upper

149 100

167 28.7 23.8 35.8

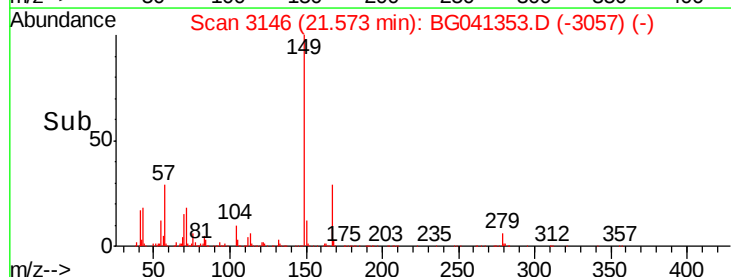
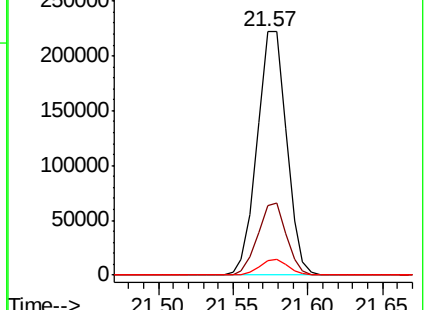
279 6.0 4.4 6.6

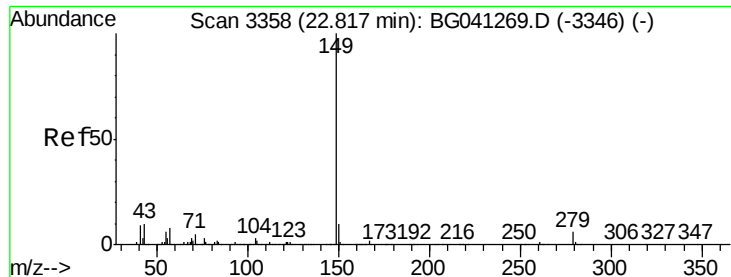


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

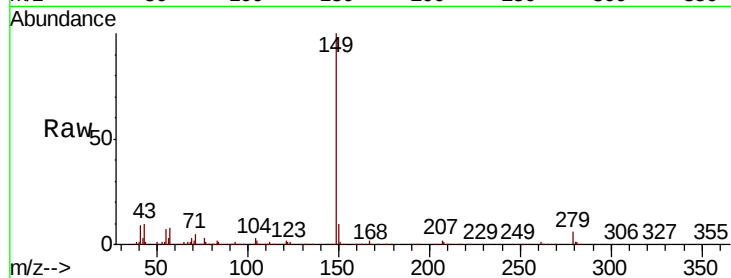




#85
Di-n-octyl phthalate
Concen: 39.365 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.2	12.2

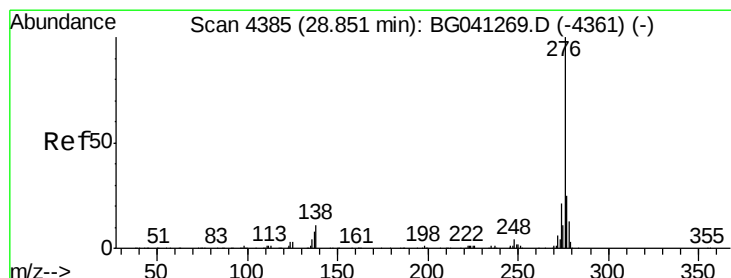
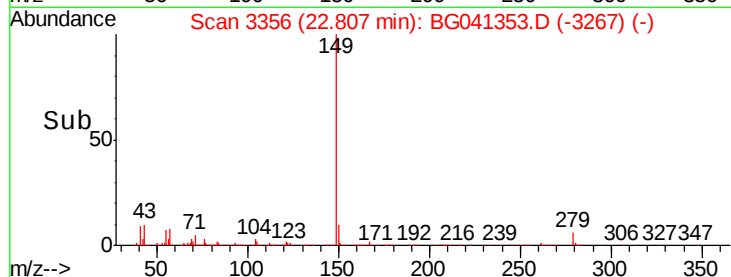
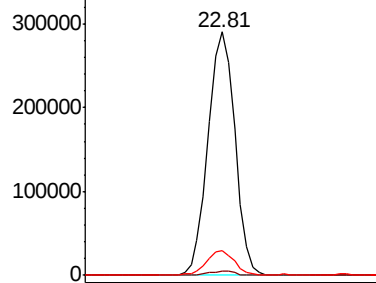


Abundance

Ion 149.00 (148.70 to 149.70): E

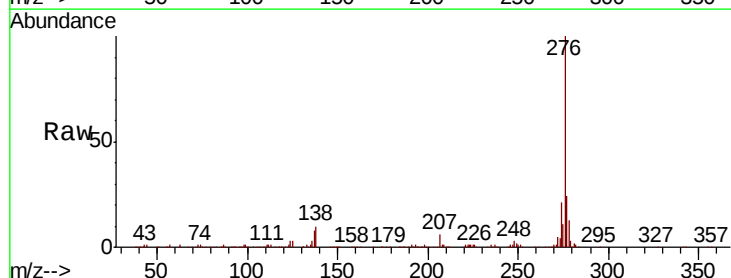
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.139 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.01 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	7.7	11.5
277	25.3	20.6	31.0

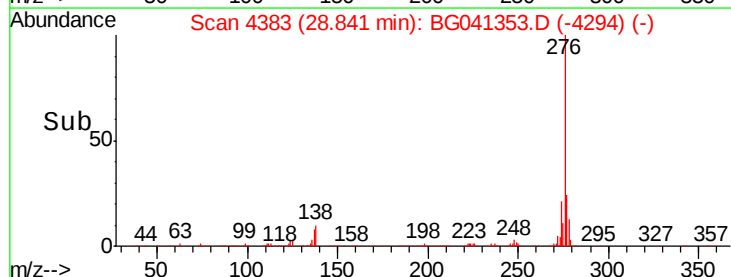
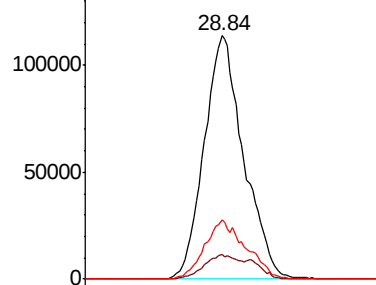


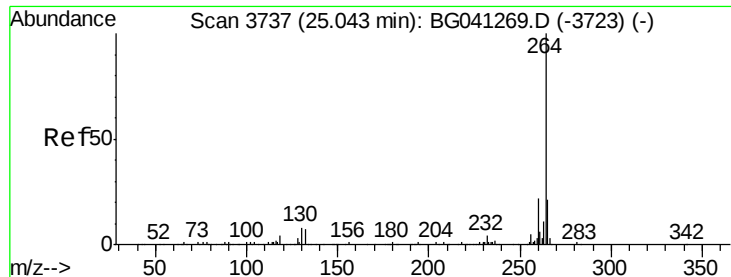
Abundance

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: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

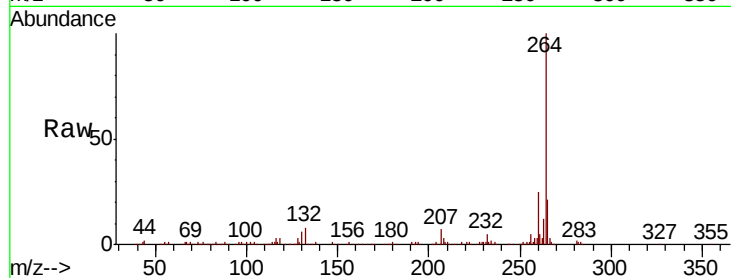
Tot Ion:264 Resp: 234141

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.2

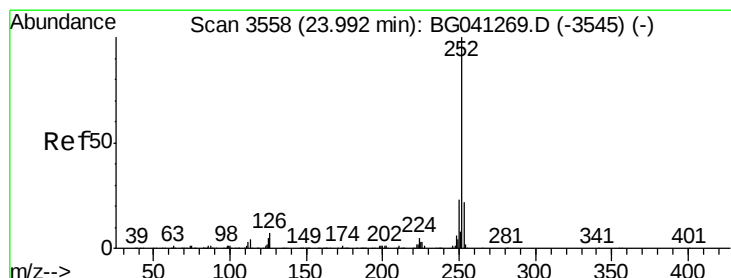
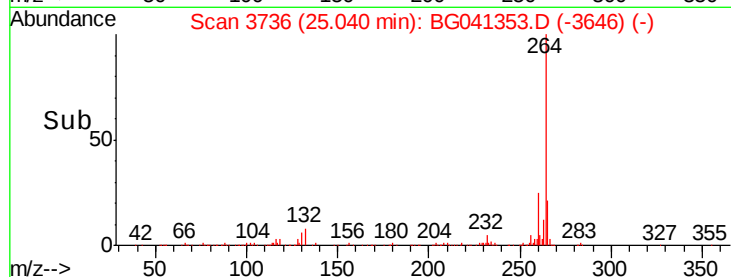
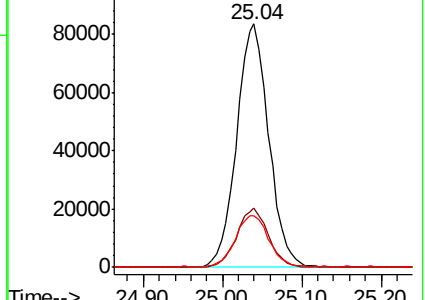
265 21.3 17.2 25.8



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: 38.315 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

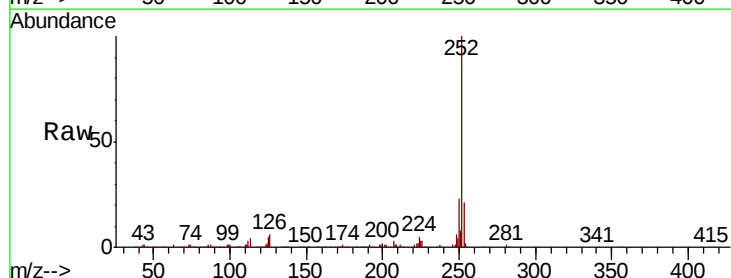
Tgt Ion:252 Resp: 555976

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

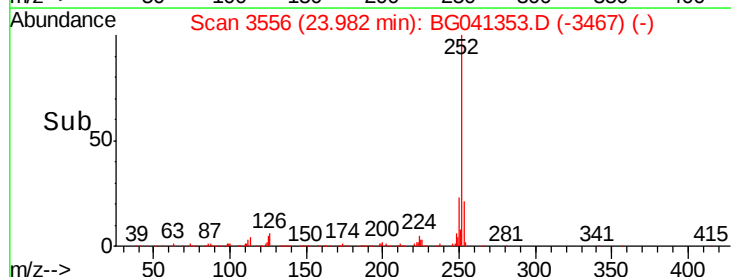
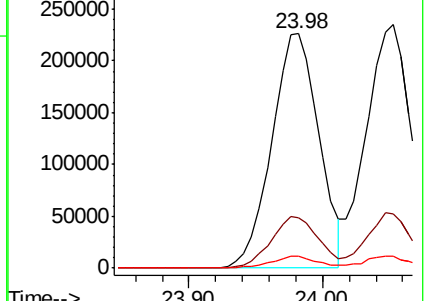
125 5.0 3.9 5.9

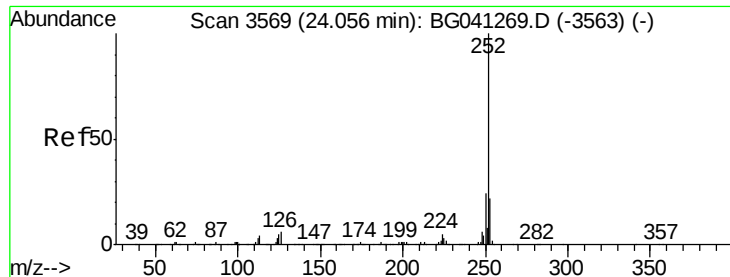


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.822 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

Instrument :

BNA_G

ClientSampleId :

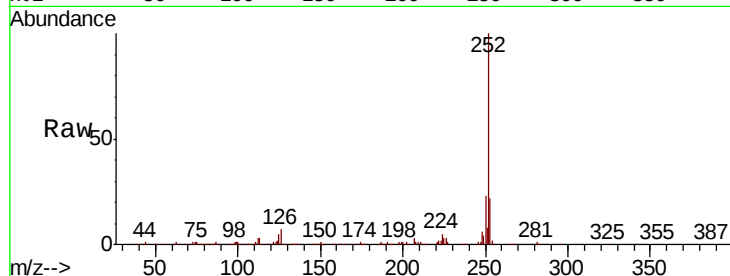
Tot Ion:252 Resp: 543675

Ion Ratio Lower Upper

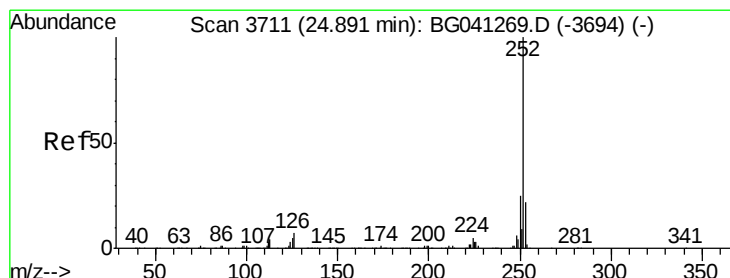
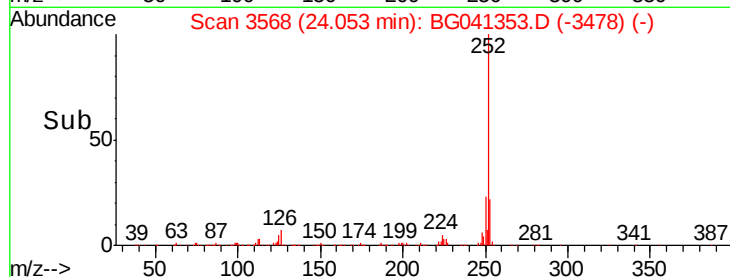
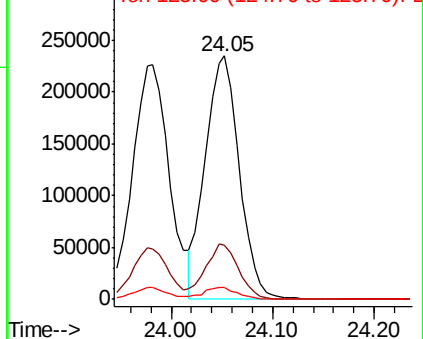
252 100

253 22.2 18.0 27.0

125 4.8 4.3 6.5



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



#90

Benzo(a)pyrene

Concen: 38.439 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.00 min

Lab File: BG041353.D

Acq: 20 Jun 2019 12:39

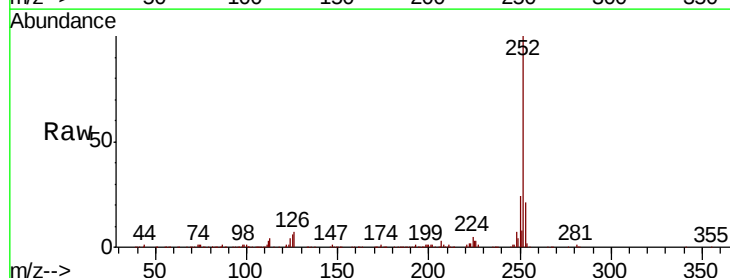
Tgt Ion:252 Resp: 526763

Ion Ratio Lower Upper

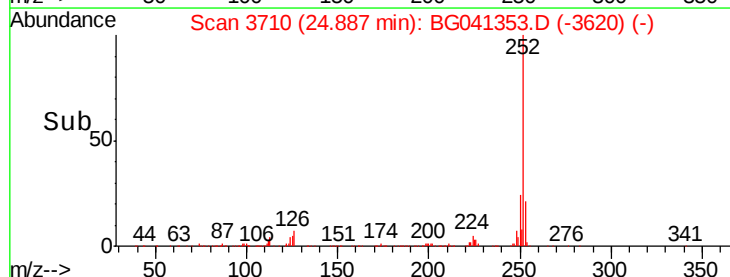
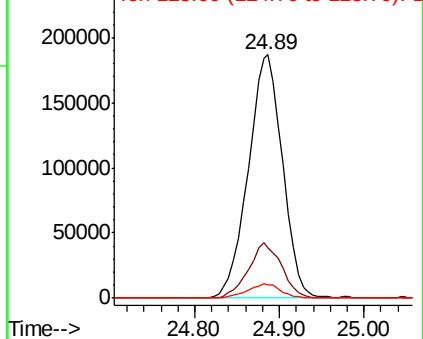
252 100

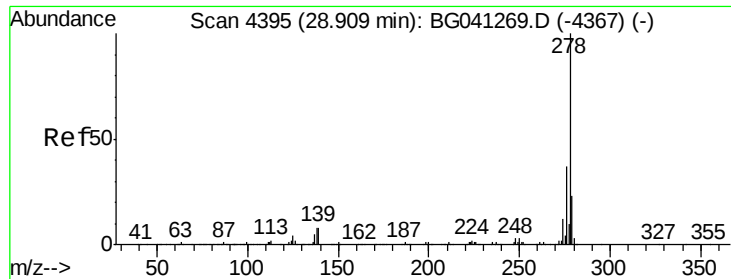
253 20.9 17.8 26.6

125 5.6 4.2 6.4



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

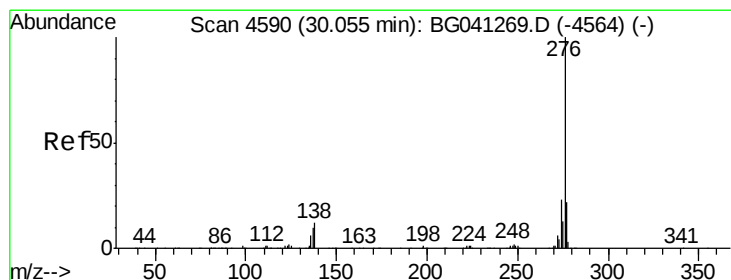
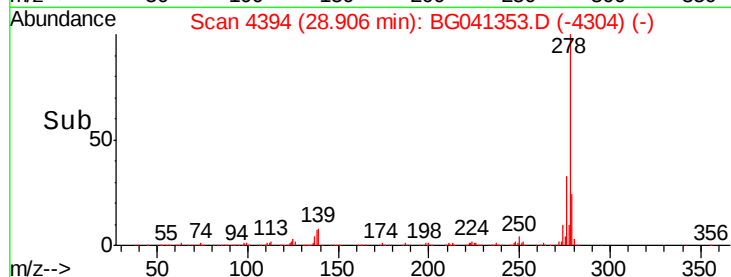
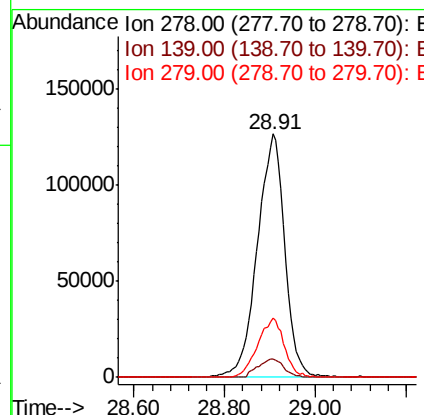
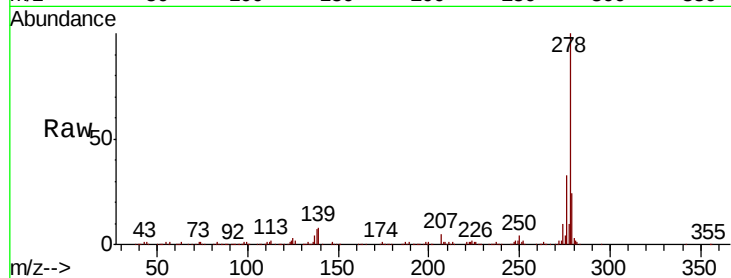




#91
Dibenzo(a,h)anthracene
Concen: 38.443 ng
RT: 28.91 min Scan# 4394
Delta R.T. -0.00 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.5	6.6	10.0
279	24.3	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 37.939 ng
RT: 30.03 min Scan# 4586
Delta R.T. -0.02 min
Lab File: BG041353.D
Acq: 20 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	10.0	9.4	14.0

