

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042809.D
 Acq On : 13 Sep 2019 9:39
 Operator : HP/JU
 Sample : PB122825BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 13:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	78947	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	313526	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	212576	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	479903	20.00	ng	0.00
76) Chrysene-d12	21.76	240	521596	20.00	ng	0.00
87) Perylene-d12	25.02	264	553010	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	626681	138.01	ng	0.00
7) Phenol-d6	7.27	99	866060	132.88	ng	0.00
23) Nitrobenzene-d5	9.27	82	497624	82.63	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	355934	125.85	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1076199	80.14	ng	0.00
79) Terphenyl-d14	20.09	244	1880091	79.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	86643	41.808	ng	92
3) Pyridine	3.97	79	231256	37.062	ng	95
4) n-Nitrosodimethylamine	3.89	42	142523	46.941	ng	98
6) Aniline	7.44	93	314814	35.800	ng	99
8) 2-Chlorophenol	7.68	128	250733	51.081	ng	97
9) Benzaldehyde	7.25	77	186302	43.924	ng	97
10) Phenol	7.29	94	340005	50.867	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	239887	46.762	ng	99
12) 1,3-Dichlorobenzene	8.01	146	271681	45.379	ng	99
13) 1,4-Dichlorobenzene	8.15	146	274813	45.849	ng	95
14) 1,2-Dichlorobenzene	8.48	146	256676	44.986	ng	96
15) Benzyl Alcohol	8.35	79	264709	47.324	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	511721	45.424	ng	97
17) 2-Methylphenol	8.55	107	220703	49.354	ng	98
18) Hexachloroethane	9.21	117	97659	44.132	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	218759	45.549	ng	96
20) 3+4-Methylphenols	8.87	107	303131	49.175	ng	95
22) Acetophenone	8.93	105	376588	47.560	ng	# 99
24) Nitrobenzene	9.32	77	310598	49.137	ng	99
25) Isophorone	9.84	82	576720	45.944	ng	99
26) 2-Nitrophenol	10.03	139	129603	52.141	ng	94
27) 2,4-Dimethylphenol	10.09	122	239928	54.568	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	325423	46.487	ng	99
29) 2,4-Dichlorophenol	10.57	162	254297	49.770	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	280586	44.979	ng	98
31) Naphthalene	10.98	128	738065	47.679	ng	99
32) Benzoic acid	10.18	122	78191	25.219	ng	98
33) 4-Chloroaniline	11.07	127	174923	24.176	ng	98
34) Hexachlorobutadiene	11.27	225	192788	44.109	ng	95
35) Caprolactam	11.84	113	56104	29.528	ng	90
36) 4-Chloro-3-methylphenol	12.18	107	272068	49.042	ng	99
37) 2-Methylnaphthalene	12.58	142	546537	47.132	ng	96
38) 1-Methylnaphthalene	12.79	142	503237	46.271	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	330388	47.034	ng	97

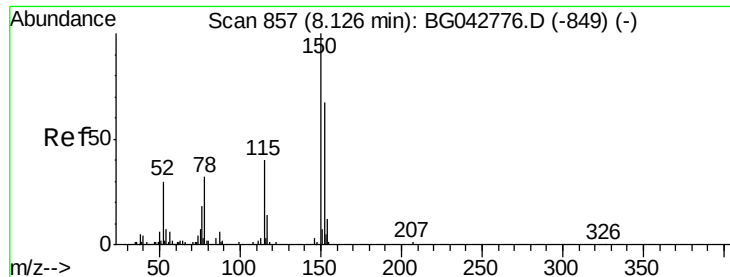
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042809.D
 Acq On : 13 Sep 2019 9:39
 Operator : HP/JU
 Sample : PB122825BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 13:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	421296	104.693	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	225484	48.216	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	240379	50.182	ng	95
46) 1,1'-Biphenyl	13.58	154	715925	48.108	ng	99
47) 2-Chloronaphthalene	13.62	162	555177	45.098	ng	97
48) 2-Nitroaniline	13.80	65	201204	47.115	ng	97
49) Acenaphthylene	14.46	152	889943	47.306	ng	99
50) Dimethylphthalate	14.19	163	712221	44.725	ng	99
51) 2,6-Dinitrotoluene	14.30	165	156967	48.038	ng	97
52) Acenaphthene	14.80	154	534909	43.523	ng	98
53) 3-Nitroaniline	14.63	138	123305	33.623	ng	95
54) 2,4-Dinitrophenol	14.82	184	27714	17.229	ng	# 1
55) Dibenzofuran	15.13	168	855889	46.852	ng	97
56) 4-Nitrophenol	14.92	139	277209	97.764	ng	97
57) 2,4-Dinitrotoluene	15.09	165	214693	49.293	ng	# 99
58) Fluorene	15.78	166	704129	46.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	224970	48.448	ng	99
60) Diethylphthalate	15.55	149	708402	43.824	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	404196	45.153	ng	96
62) 4-Nitroaniline	15.78	138	180357	45.626	ng	98
63) Azobenzene	16.07	77	725022	46.577	ng	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	38615	18.805	ng	91
66) n-Nitrosodiphenylamine	15.98	169	635484	49.210	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	265421	45.695	ng	99
68) Hexachlorobenzene	16.79	284	275938	44.458	ng	99
69) Atrazine	16.93	200	245485	54.589	ng	99
70) Pentachlorophenol	17.12	266	244727	66.466	ng	97
71) Phenanthrene	17.52	178	1111884	48.446	ng	100
72) Anthracene	17.61	178	1126447	49.127	ng	99
73) Carbazole	17.87	167	1076872	49.413	ng	97
74) Di-n-butylphthalate	18.44	149	1228362	47.053	ng	99
75) Fluoranthene	19.53	202	1484627	49.912	ng	99
77) Benzidine	19.70	184	595662	40.875	ng	98
78) Pyrene	19.89	202	1492743	45.712	ng	98
80) Butylbenzylphthalate	20.77	149	611879	46.298	ng	98
81) Benzo(a)anthracene	21.74	228	1528613	46.093	ng	97
82) 3,3'-Dichlorobenzidine	21.65	252	439929	34.135	ng	100
83) Chrysene	21.81	228	1478946	47.080	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	868662	48.104	ng	99
85) Di-n-octyl phthalate	22.90	149	1471689	47.807	ng	100
86) Indeno(1,2,3-cd)pyrene	28.77	276	1878365	48.285	ng	# 92
88) Benzo(b)fluoranthene	23.99	252	1654267	50.945	ng	99
89) Benzo(k)fluoranthene	24.06	252	1564959	51.020	ng	99
90) Benzo(a)pyrene	24.87	252	1600085	52.626	ng	98
91) Dibenzo(a,h)anthracene	28.84	278	1552018	51.899	ng	99
92) Benzo(g,h,i)perylene	29.94	276	1530806	52.480	ng	97

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

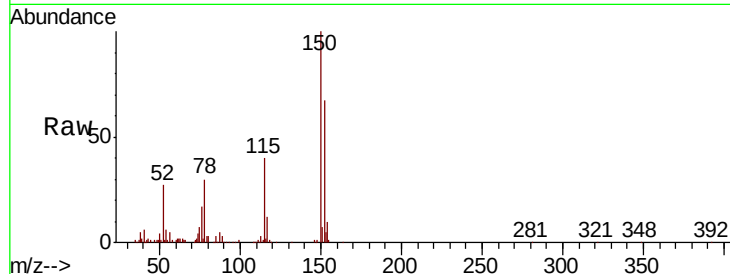


#1

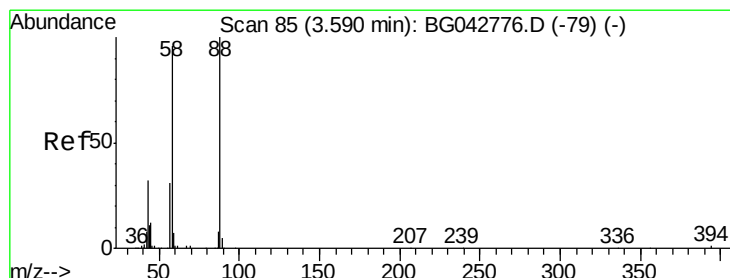
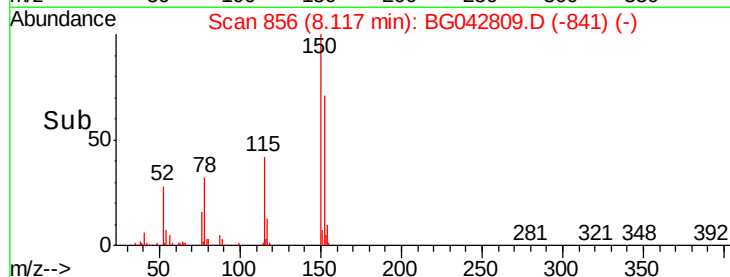
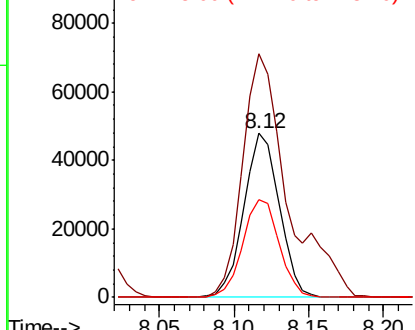
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 78947
Ion Ratio Lower Upper
152 100
150 148.4 118.9 178.3
115 59.3 47.4 71.2



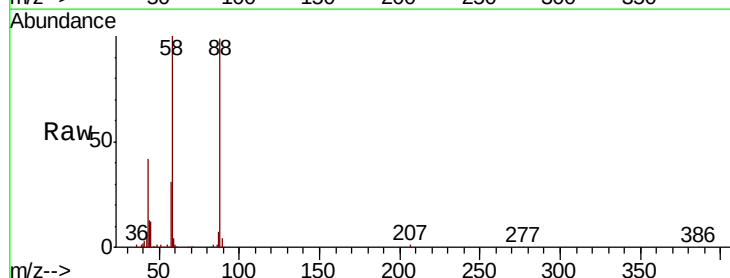
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



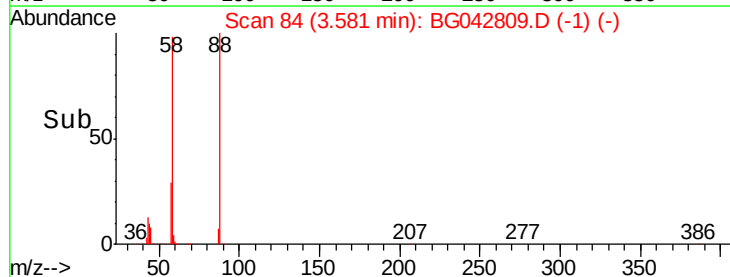
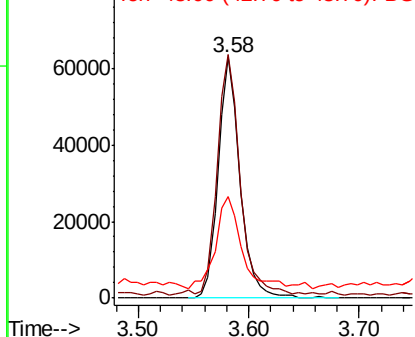
#2

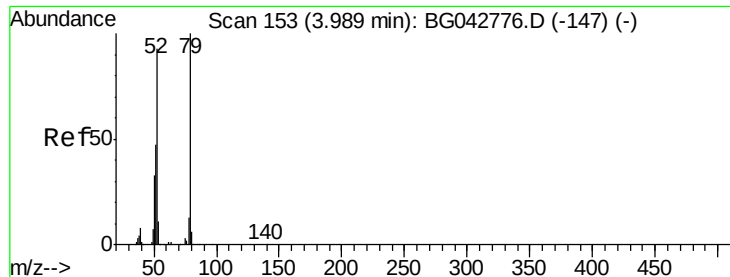
1,4-Dioxane
Concen: 41.808 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion: 88 Resp: 86643
Ion Ratio Lower Upper
88 100
58 105.3 79.1 118.7
43 45.0 30.4 45.6



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





#3

Pvridine

Concen: 37.062 ng

RT: 3.97 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

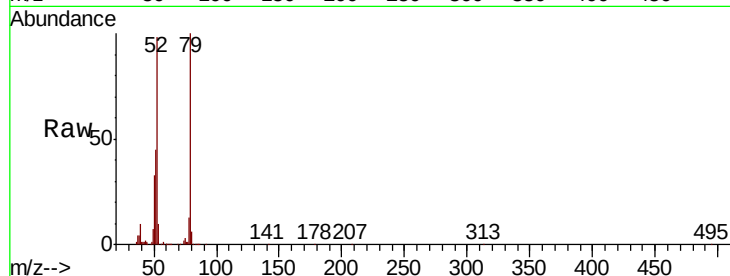
Tot Ion: 79 Resp: 231256

Ion Ratio Lower Upper

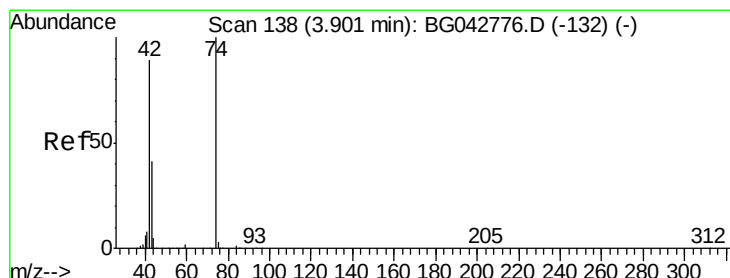
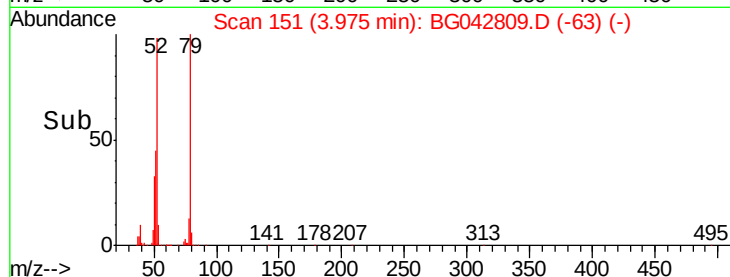
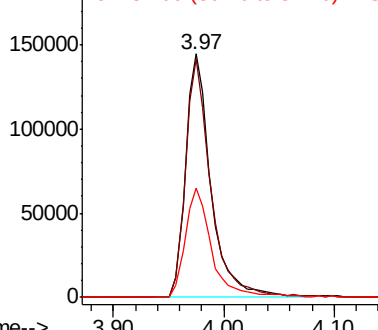
79 100

52 97.8 74.0 111.0

51 45.1 37.5 56.3



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: 46.941 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

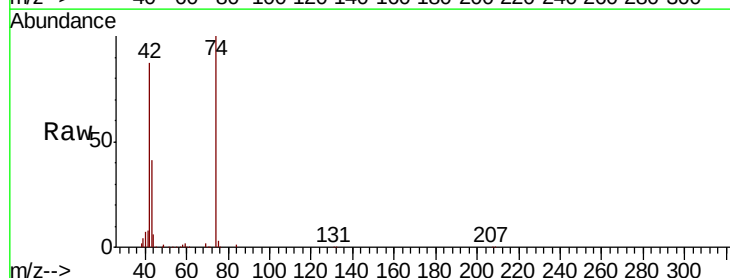
Tgt Ion: 42 Resp: 142523

Ion Ratio Lower Upper

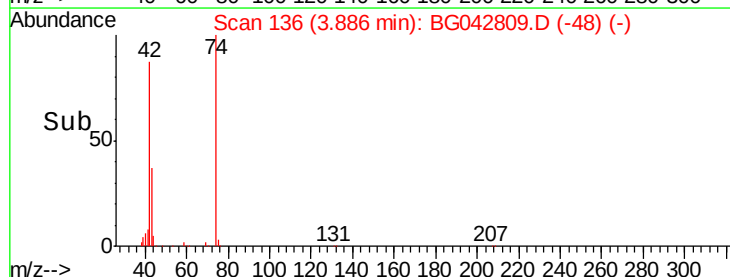
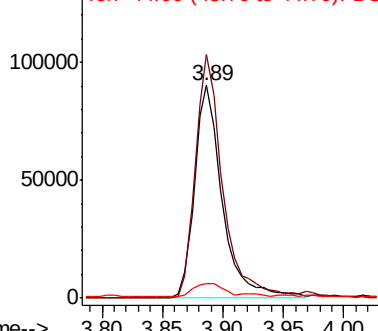
42 100

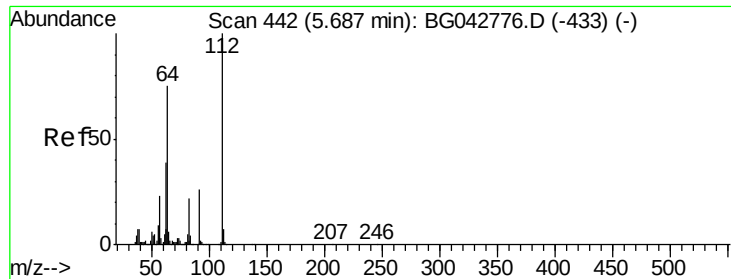
74 114.5 90.2 135.2

44 7.1 6.6 9.8



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: 138.006 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampled :

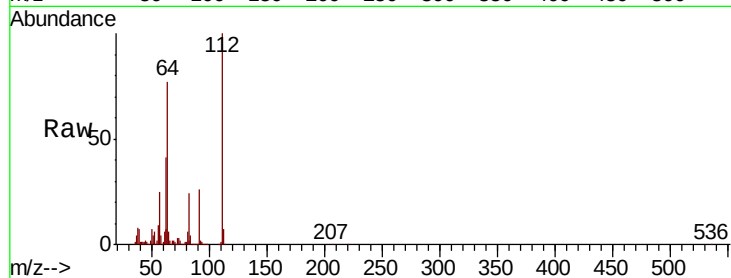
Tot Ion:112 Resp: 626681

Ion Ratio Lower Upper

112 100

64 77.1 60.2 90.2

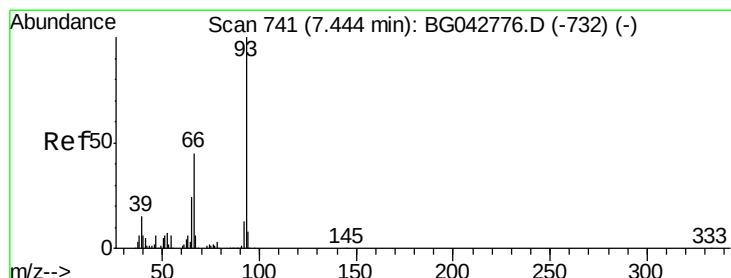
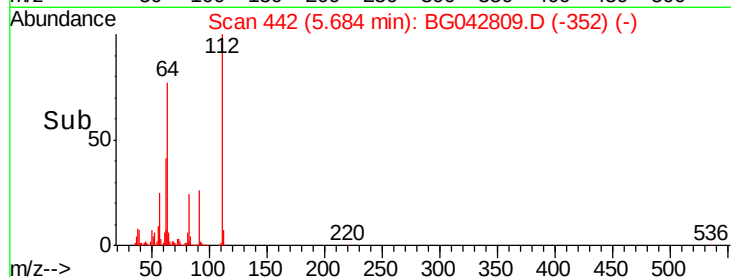
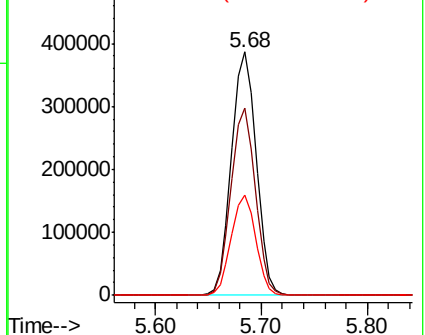
63 41.4 31.2 46.8



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: 35.800 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

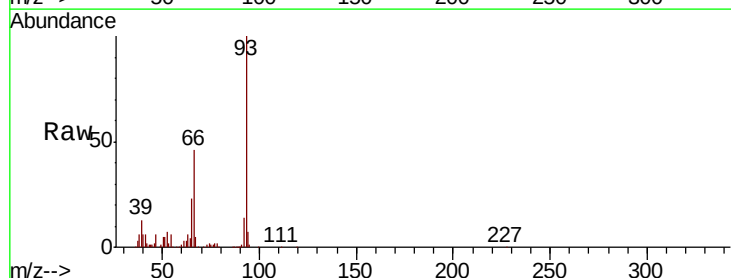
Tgt Ion: 93 Resp: 314814

Ion Ratio Lower Upper

93 100

66 45.6 36.3 54.5

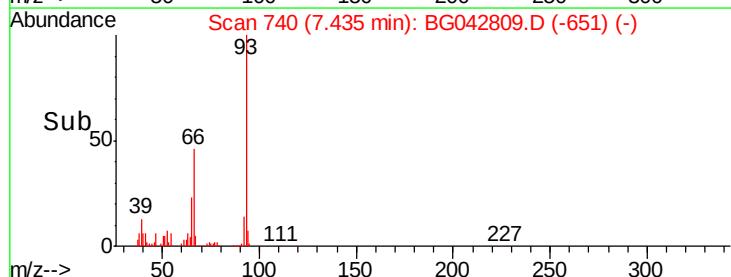
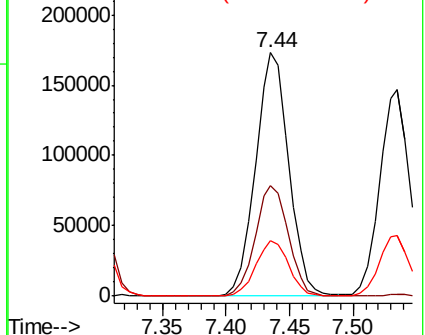
65 22.8 19.3 28.9

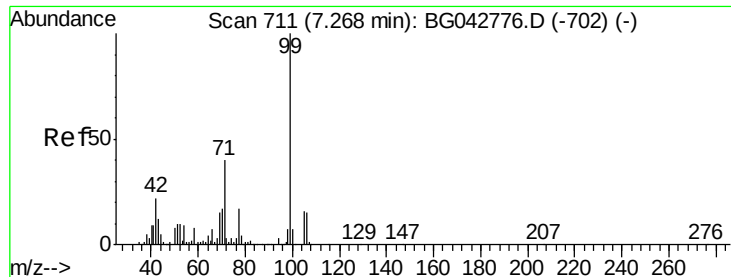


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.875 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

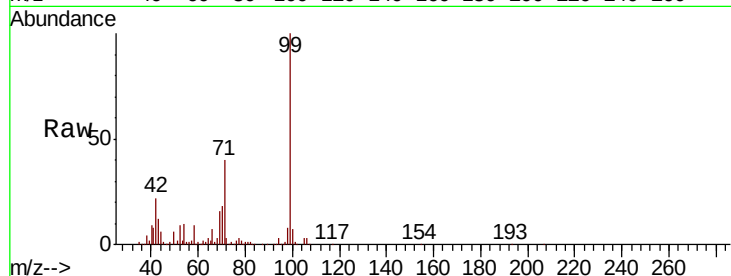
Tot Ion: 99 Resp: 866060

Ion Ratio Lower Upper

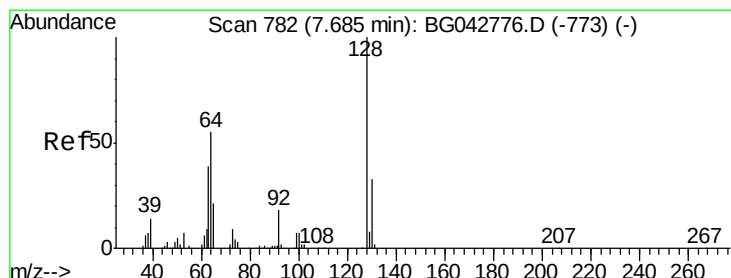
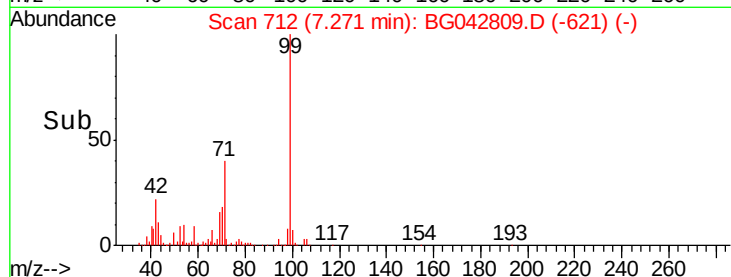
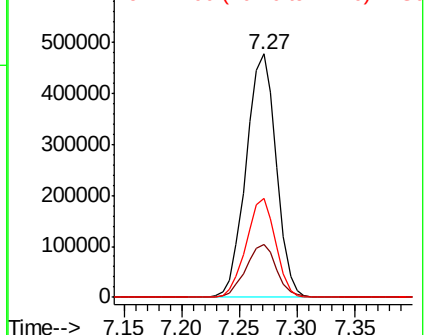
99 100

42 21.8 17.5 26.3

71 40.4 32.0 48.0



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: 51.081 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

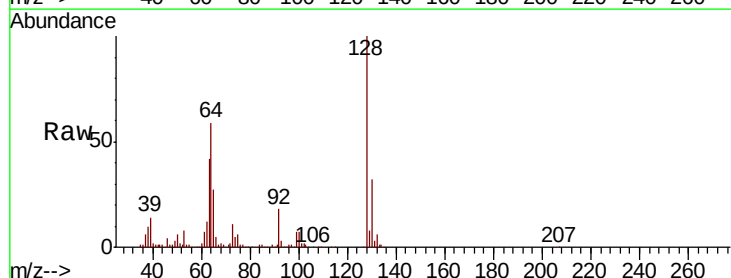
Tgt Ion: 128 Resp: 250733

Ion Ratio Lower Upper

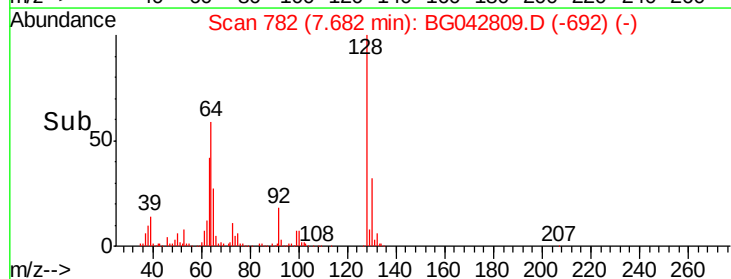
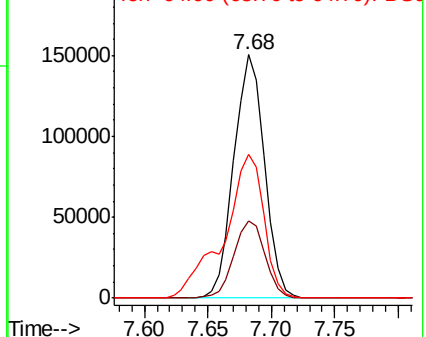
128 100

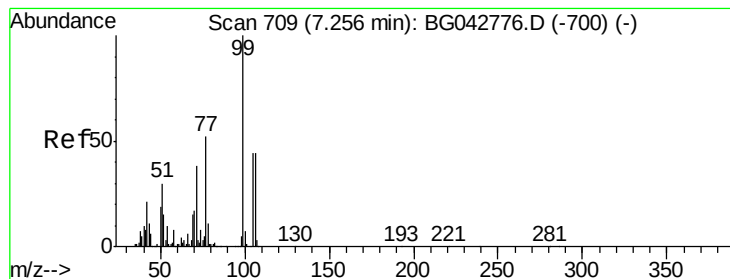
130 31.7 12.8 52.8

64 59.1 36.8 76.8



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





#9

Benzaldehyde

Concen: 43.924 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampled :

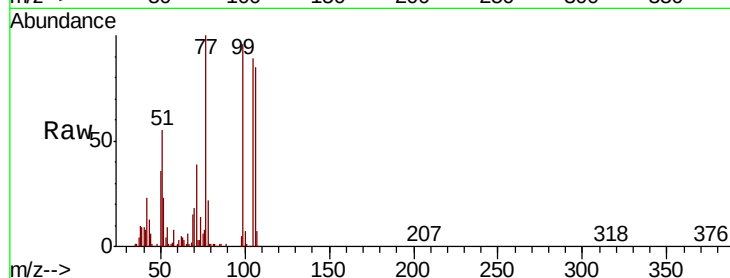
Tot Ion: 77 Resp: 186302

Ion Ratio Lower Upper

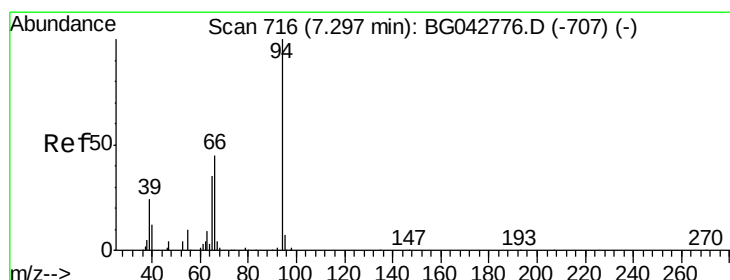
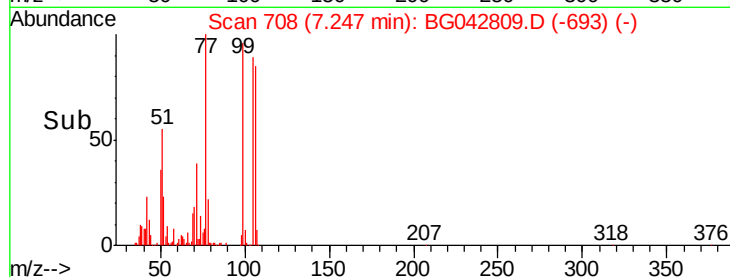
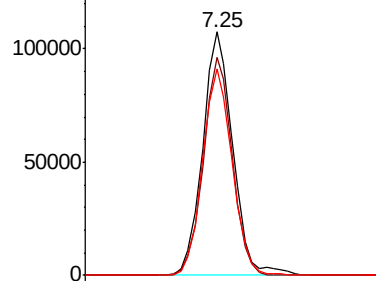
77 100

105 89.4 64.5 104.5

106 84.6 63.4 103.4



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: 50.867 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

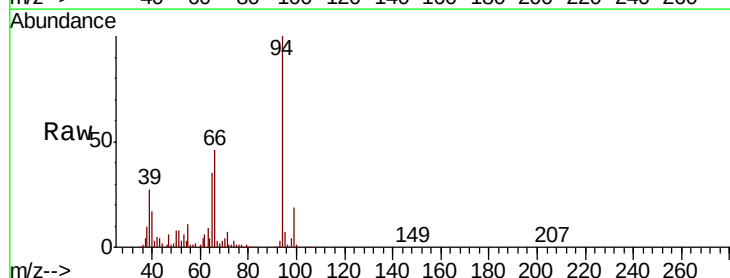
Tgt Ion: 94 Resp: 340005

Ion Ratio Lower Upper

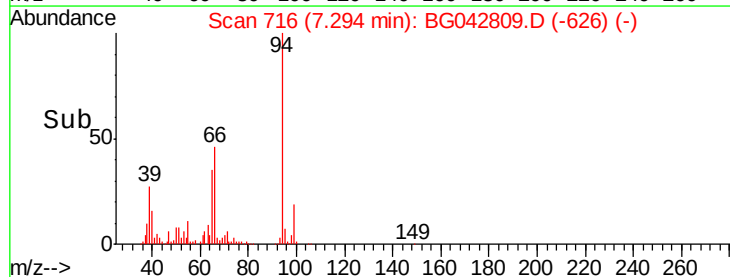
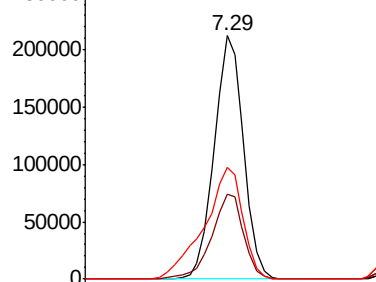
94 100

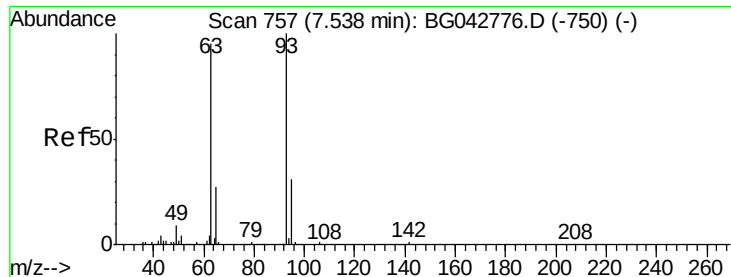
65 34.6 15.0 55.0

66 45.8 26.1 66.1



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: 46.762 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

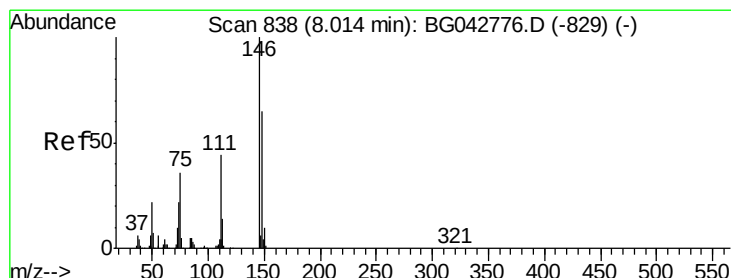
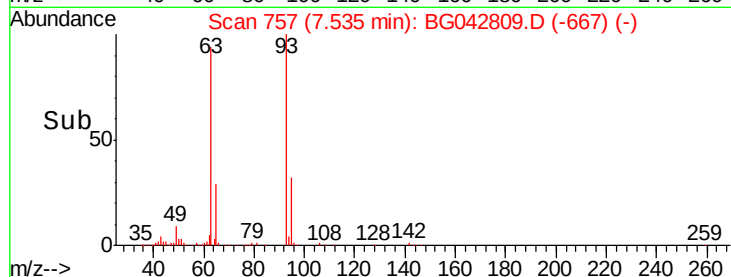
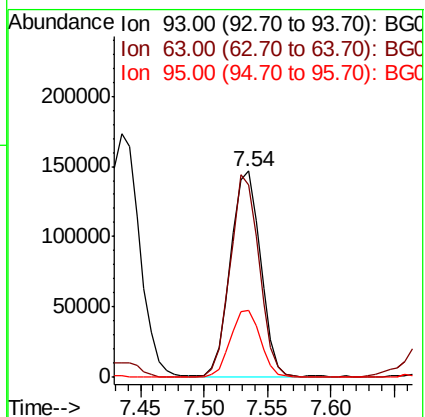
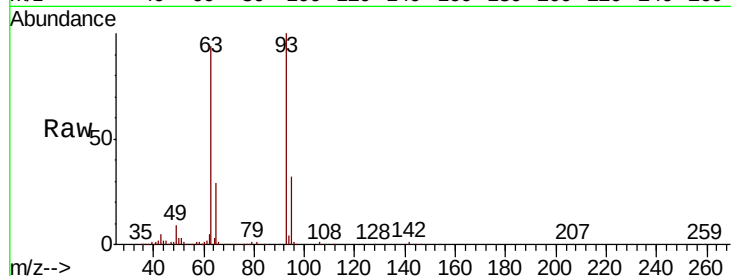
Tot Ion: 93 Resp: 239887

Ion Ratio Lower Upper

93 100

63 93.5 74.7 114.7

95 32.3 11.1 51.1



#12

1,3-Dichlorobenzene

Concen: 45.379 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

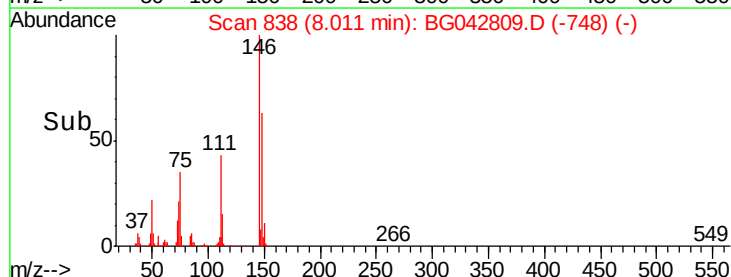
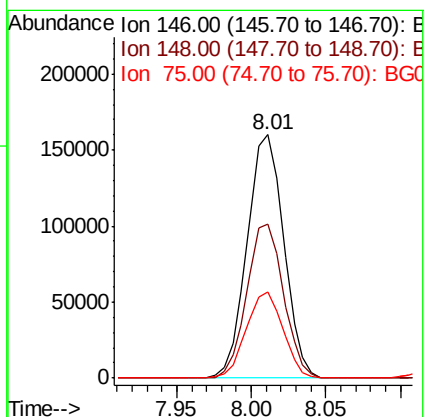
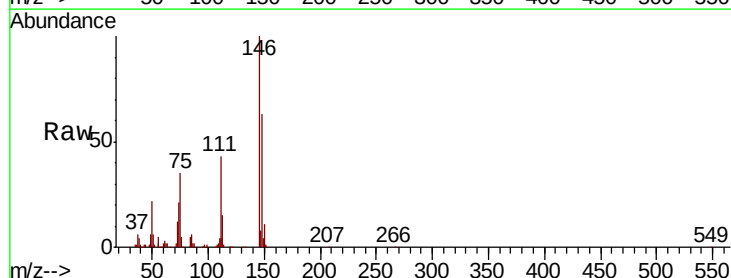
Tgt Ion: 146 Resp: 271681

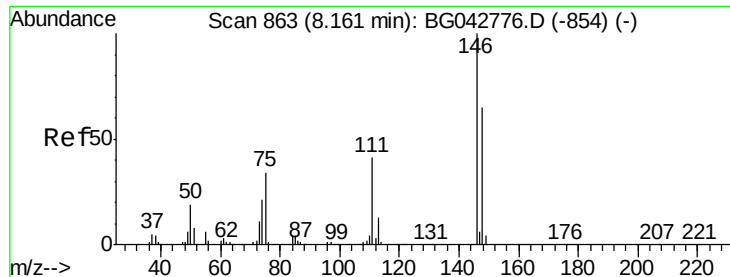
Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

75 35.5 28.4 42.6

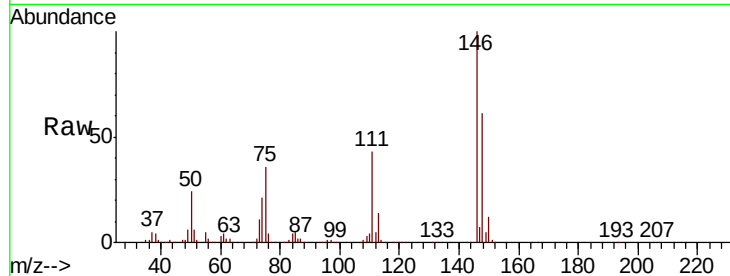




#13
 1,4-Dichlorobenzene
 Concen: 45.849 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.5	52.2	78.4
111	42.5	32.6	49.0

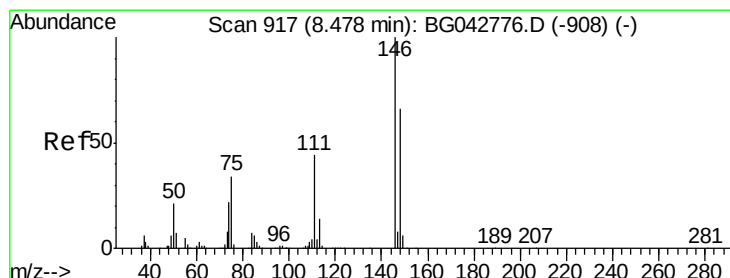
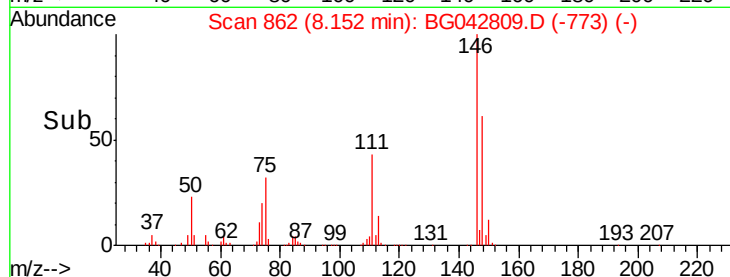
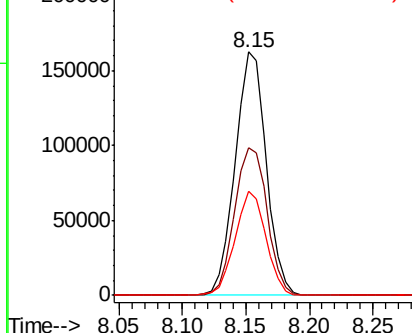


Abundance

Ion 146.00 (145.70 to 146.70): E

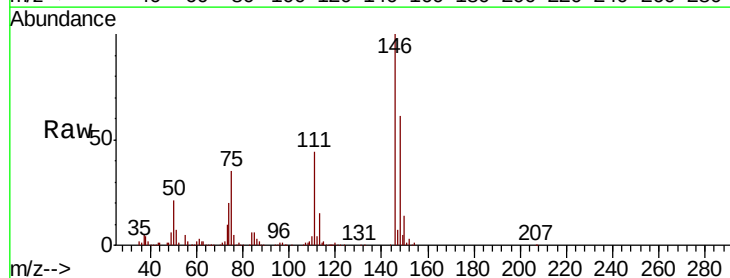
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.986 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	52.6	78.8
111	43.7	35.3	52.9

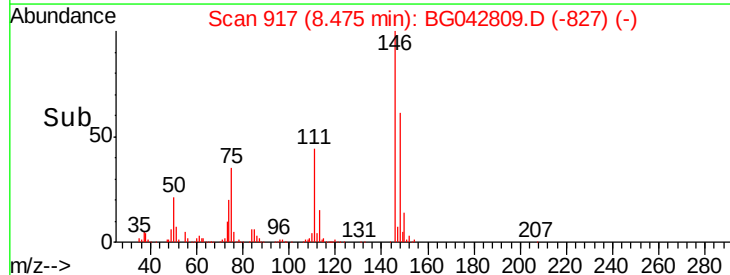
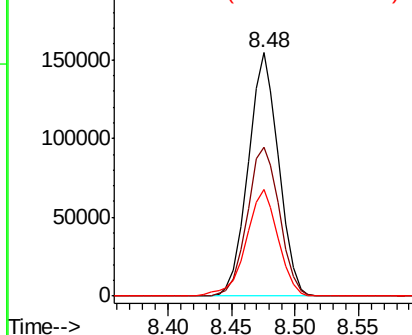


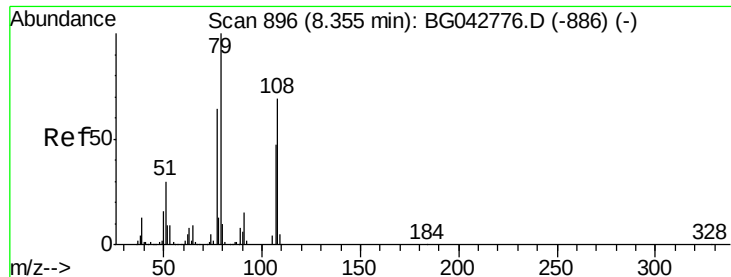
Abundance

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: 47.324 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

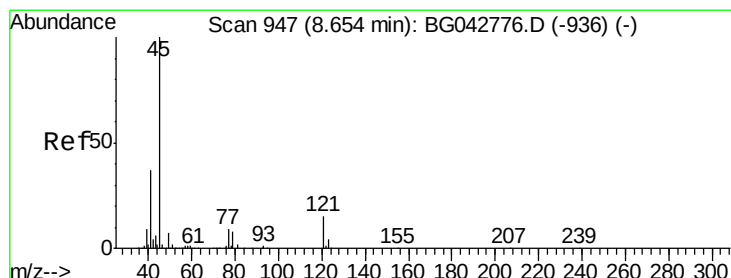
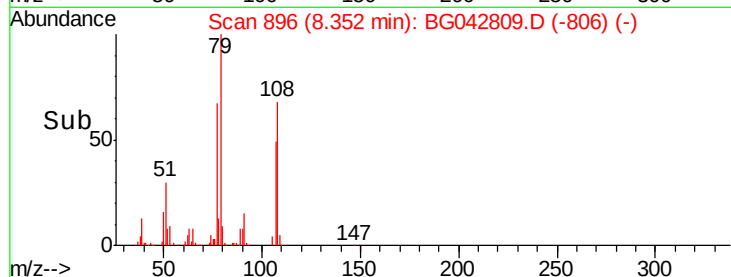
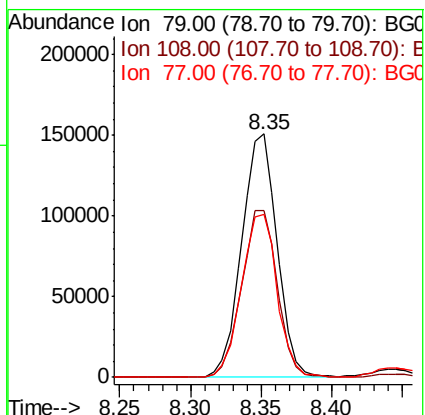
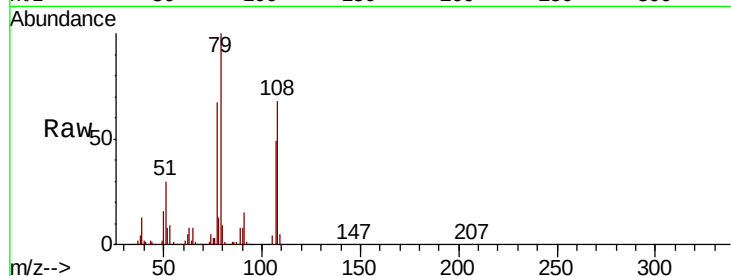
Tot Ion: 79 Resp: 264709

Ion Ratio Lower Upper

79 100

108 68.4 54.9 82.3

77 66.8 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.424 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

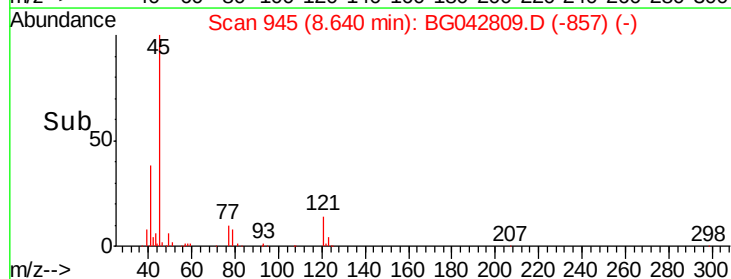
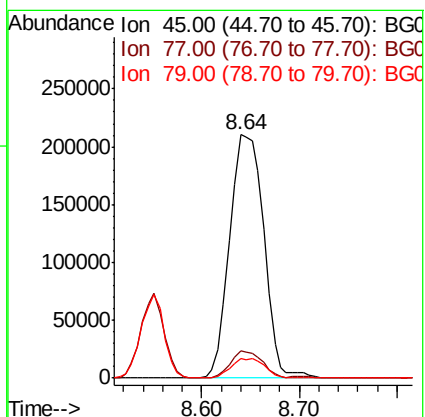
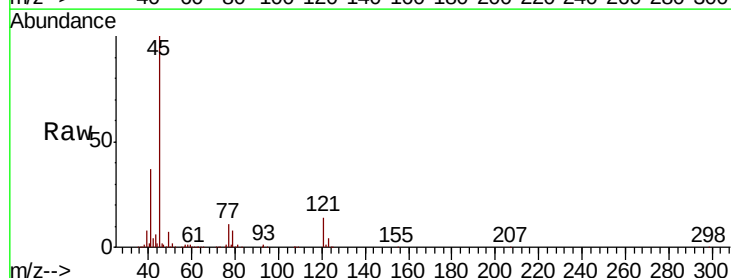
Tgt Ion: 45 Resp: 511721

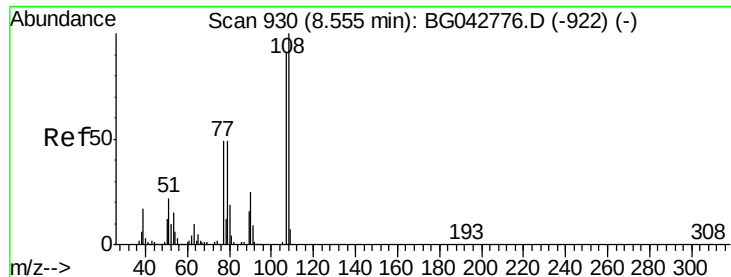
Ion Ratio Lower Upper

45 100

77 11.2 0.0 29.4

79 8.0 0.0 28.4

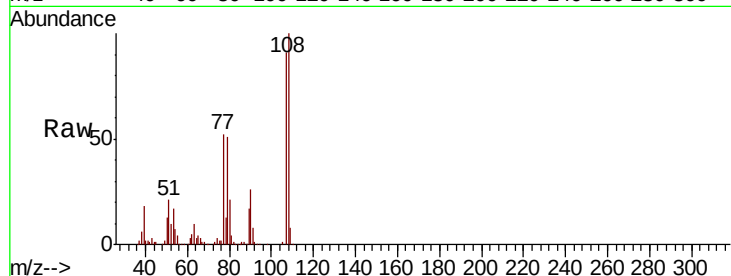




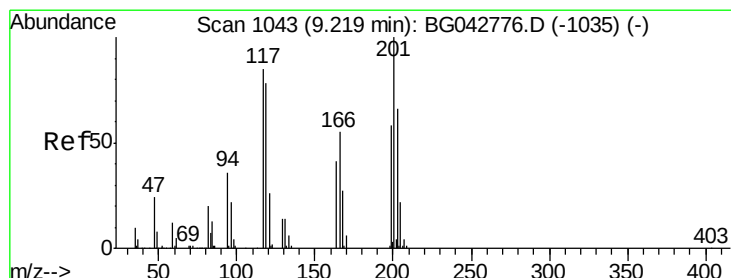
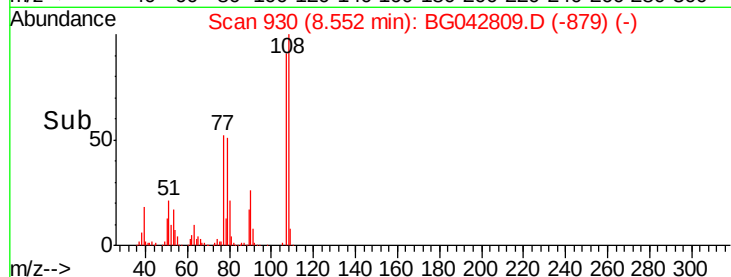
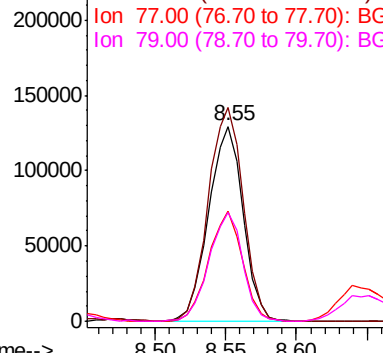
#17
2-Methylphenol
Concen: 49.354 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	220703
Ion	Ratio	Lower	Upper
107	100		
108	109.5	87.7	131.5
77	56.5	42.6	64.0
79	55.6	43.4	65.2

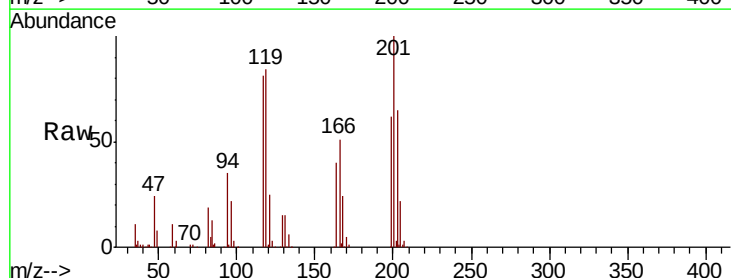


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

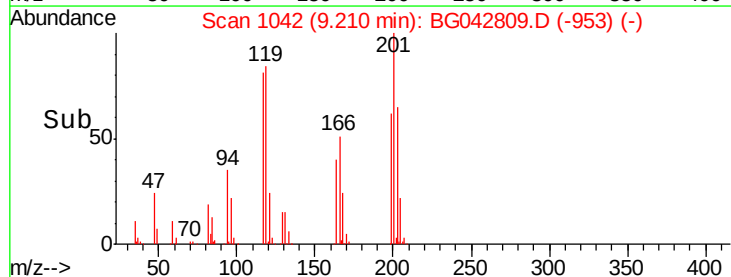
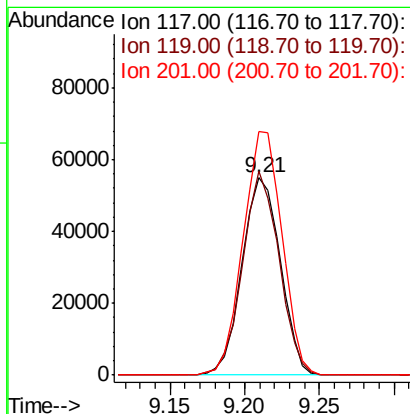


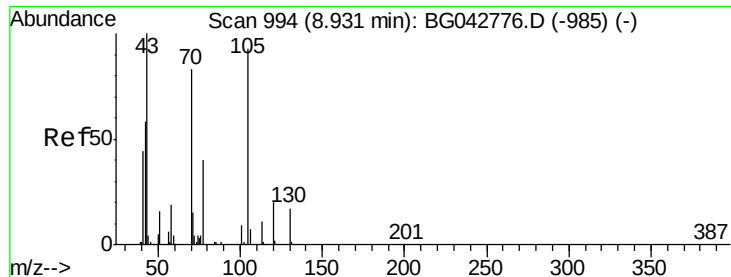
#18
Hexachloroethane
Concen: 44.132 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion:	117	Resp:	97659
Ion	Ratio	Lower	Upper
117	100		
119	103.4	73.8	110.8
201	123.5	94.6	142.0



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

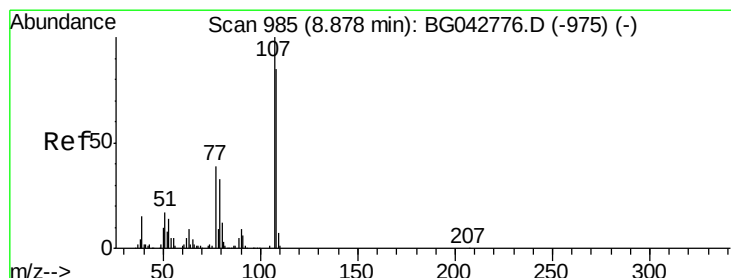
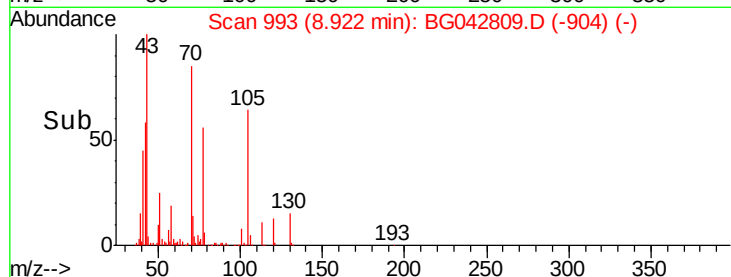
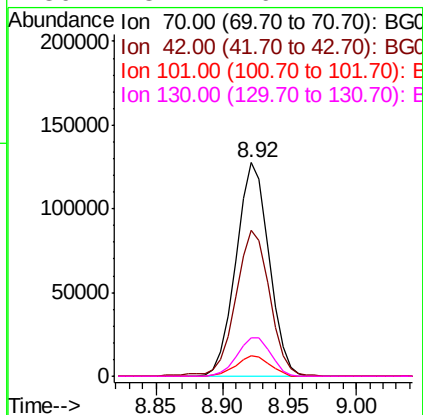
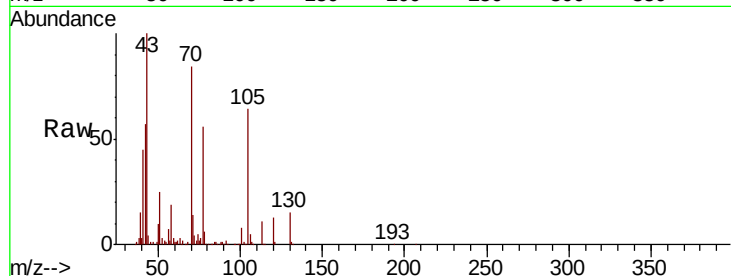




#19
n-Nitroso-di-n-propylamine
Concen: 45.549 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

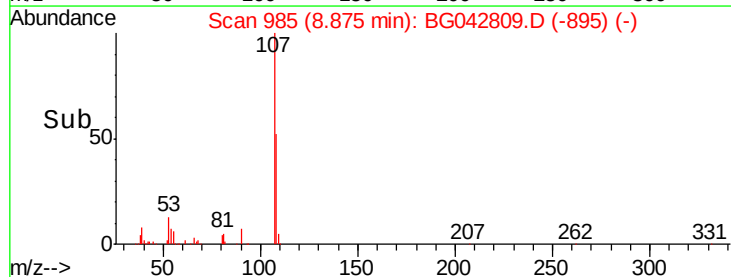
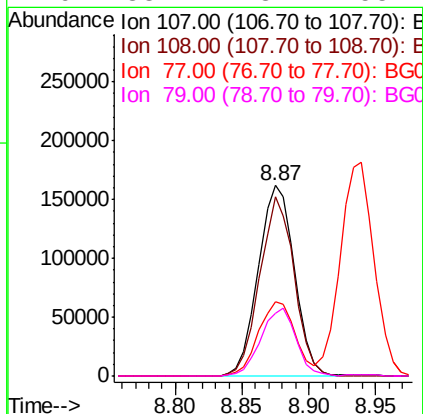
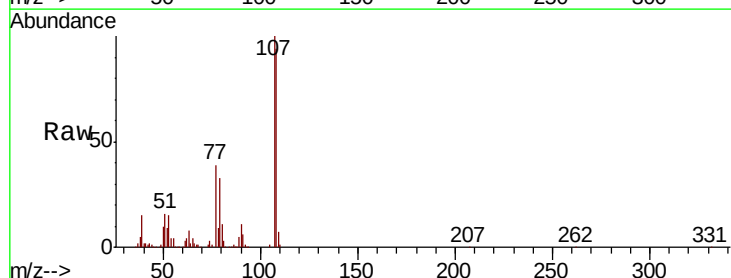
Instrument :
BNA_G
ClientSampleId :

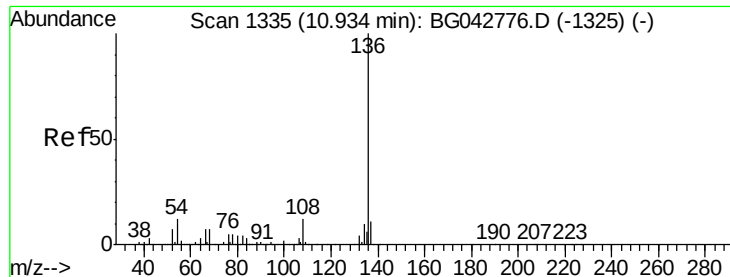
Tot Ion:	70	Resp:	218759
Ion	Ratio	Lower	Upper
70	100		
42	68.3	57.0	85.6
101	9.4	8.4	12.6
130	18.1	16.1	24.1



#20
3+4-Methylphenols
Concen: 49.175 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion:	107	Resp:	303131
Ion	Ratio	Lower	Upper
107	100		
108	93.9	65.4	105.4
77	39.1	18.7	58.7
79	33.1	13.7	53.7

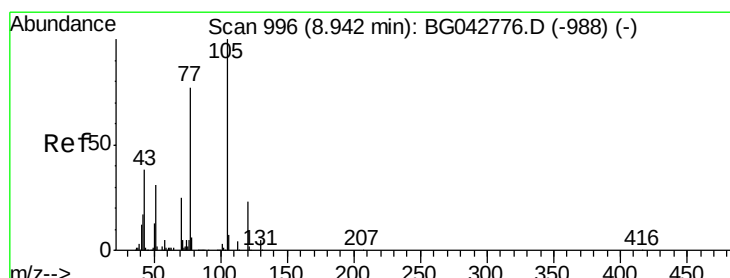
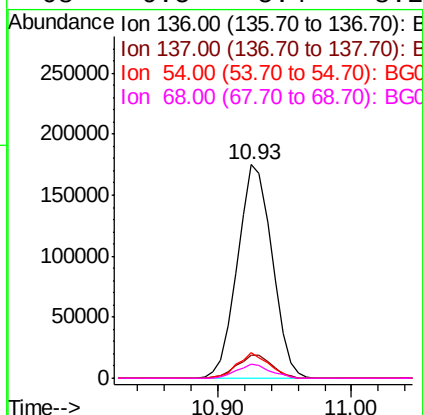
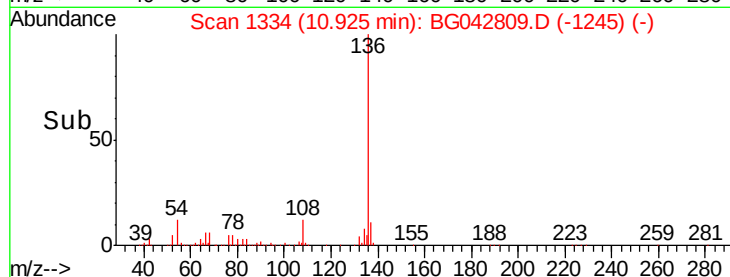
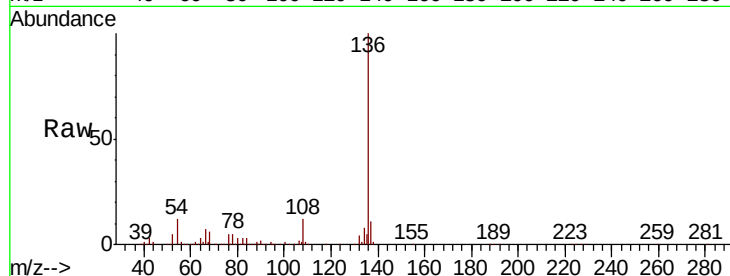




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

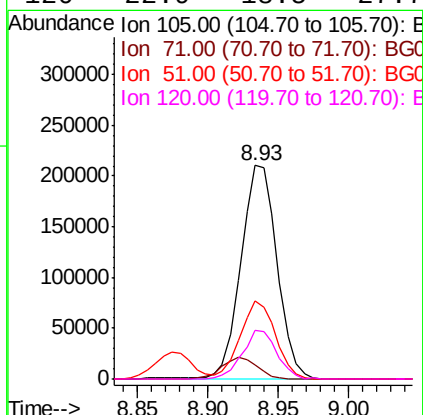
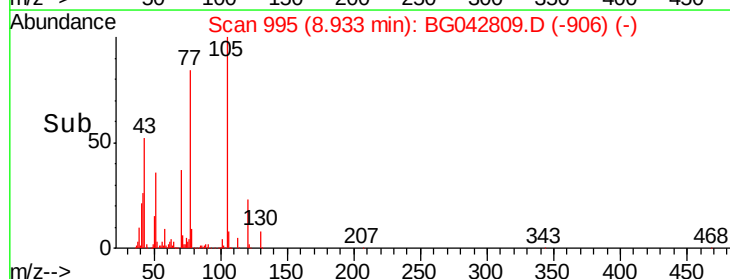
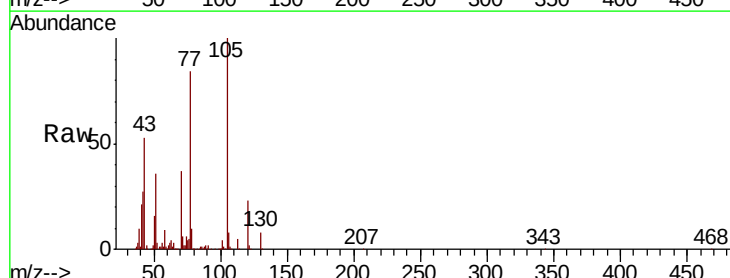
Instrument :
BNA_G
ClientSampled :

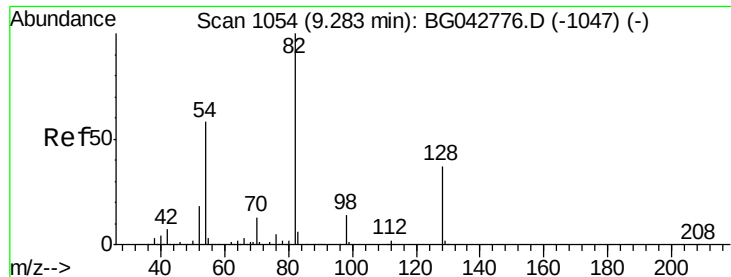
Tot Ion:136	Resp:	313526
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	11.8	9.4 14.0
68	6.5	5.4 8.2



#22
Acetophenone
Concen: 47.560 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion:105	Resp:	376588
Ion Ratio	Lower	Upper
105	100	
71	6.4	3.7 5.5#
51	36.4	28.8 43.2
120	22.9	18.5 27.7

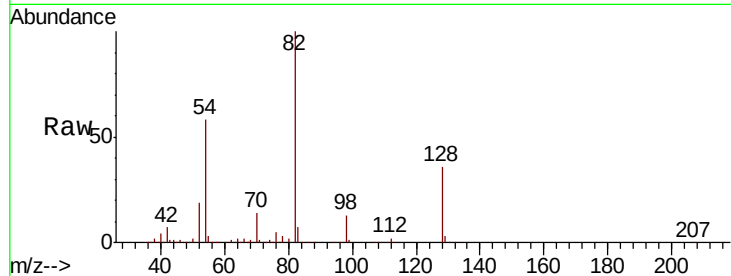




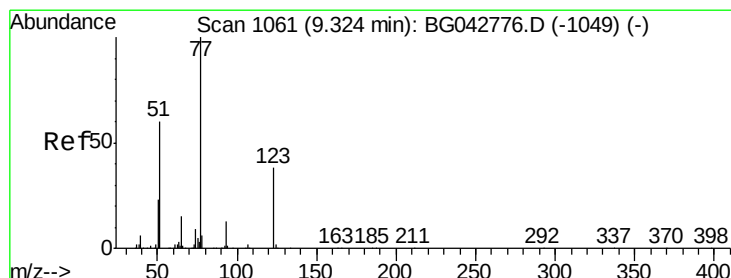
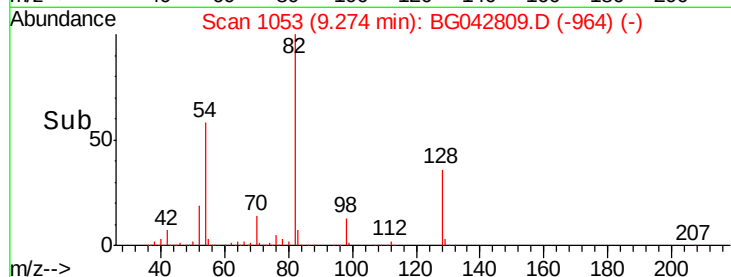
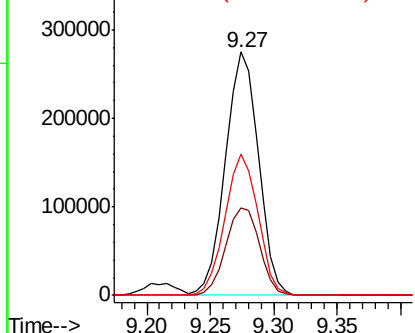
#23
 Nitrobenzene-d5
 Concen: 82.633 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.8	44.8
54	58.1	46.1	69.1

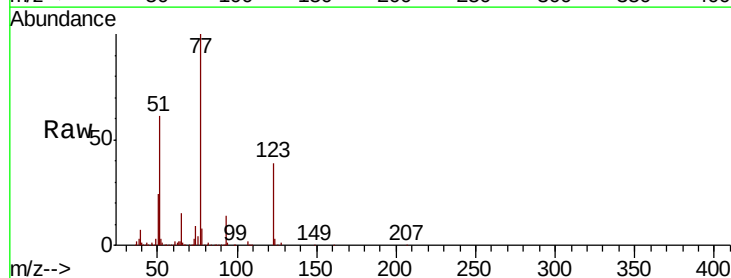


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

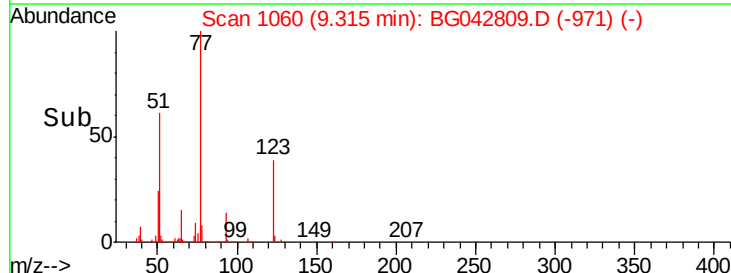
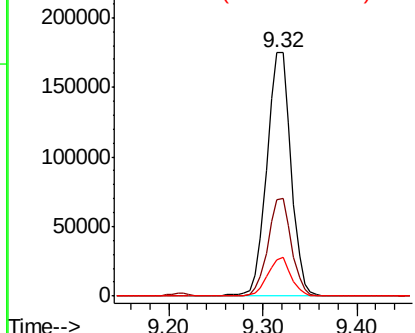


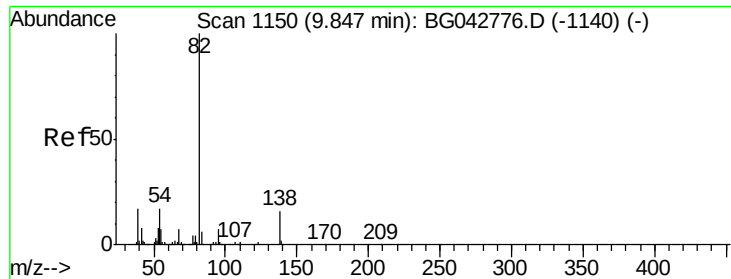
#24
 Nitrobenzene
 Concen: 49.137 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.4	30.7	46.1
65	15.1	12.2	18.4



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: 45.944 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

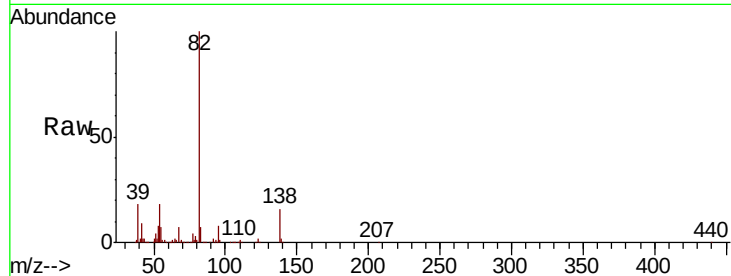
Tot Ion: 82 Resp: 576720

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.8

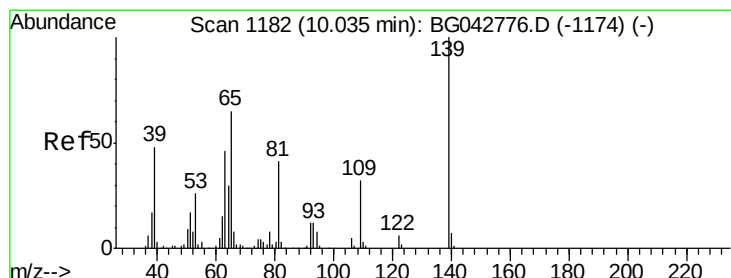
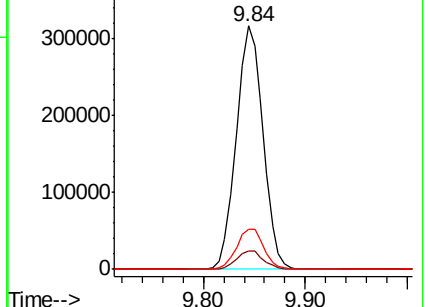
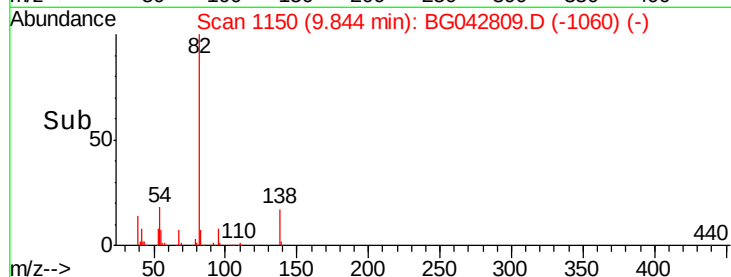
138 16.5 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG042776.D (-1140) (-)

Ion 95.00 (94.70 to 95.70): BG042776.D (-1140) (-)

Ion 138.00 (137.70 to 138.70): BG042776.D (-1140) (-)



#26

2-Nitrophenol

Concen: 52.141 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

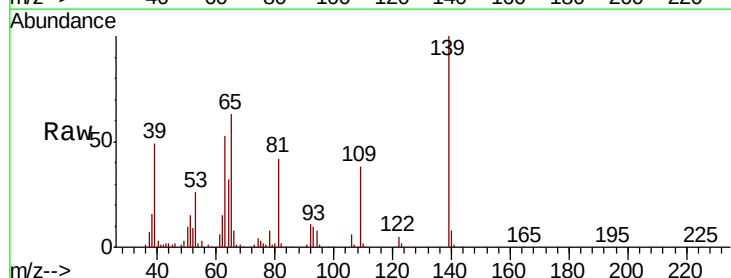
Tgt Ion: 139 Resp: 129603

Ion Ratio Lower Upper

139 100

109 38.1 25.8 38.8

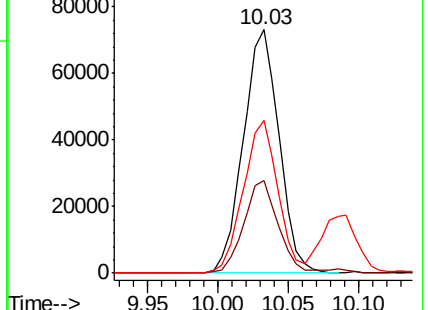
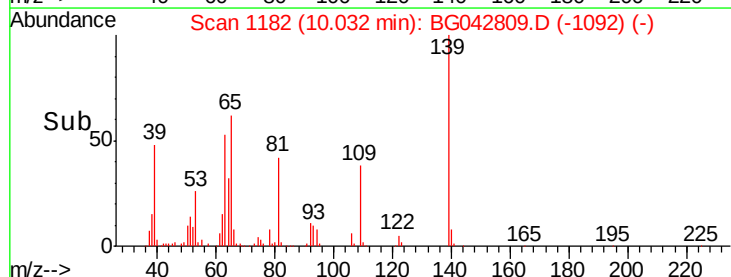
65 62.6 52.2 78.2

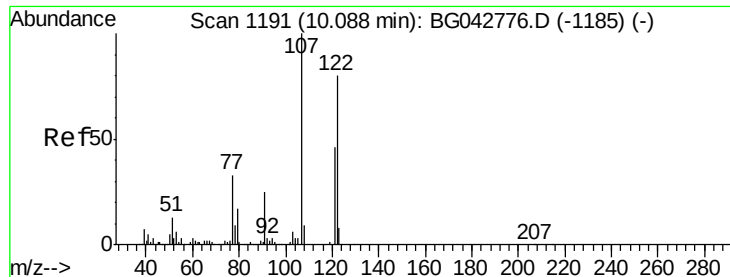


Abundance Ion 139.00 (138.70 to 139.70): BG042776.D (-1174) (-)

Ion 109.00 (108.70 to 109.70): BG042776.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): BG042776.D (-1174) (-)

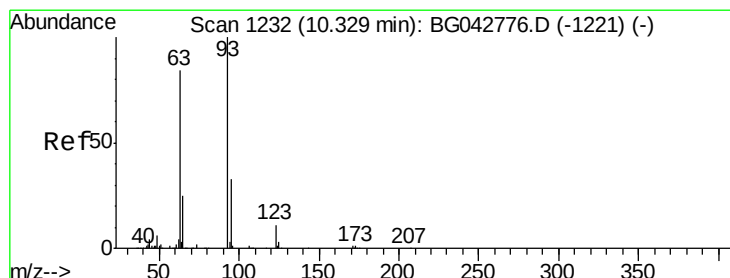
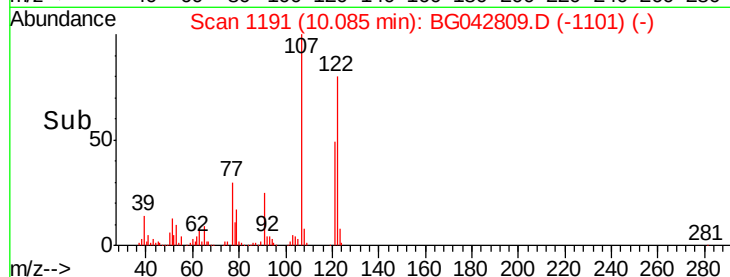
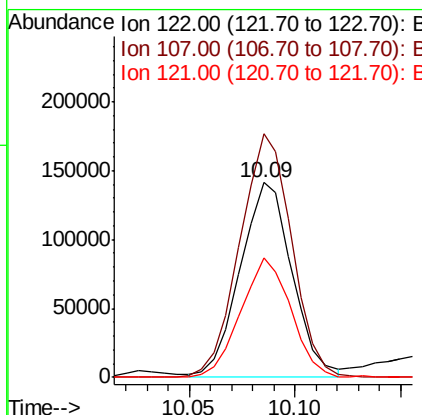
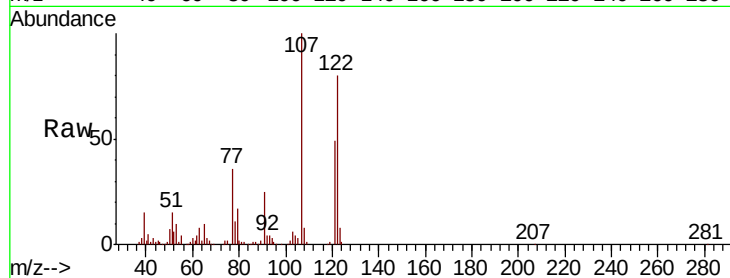




#27
 2,4-Dimethylphenol
 Concen: 54.568 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

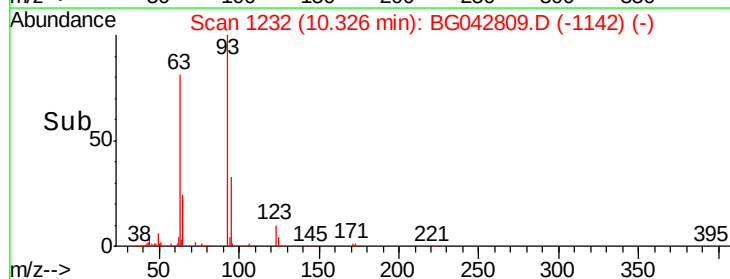
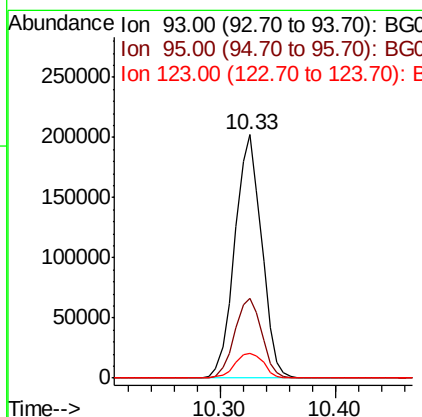
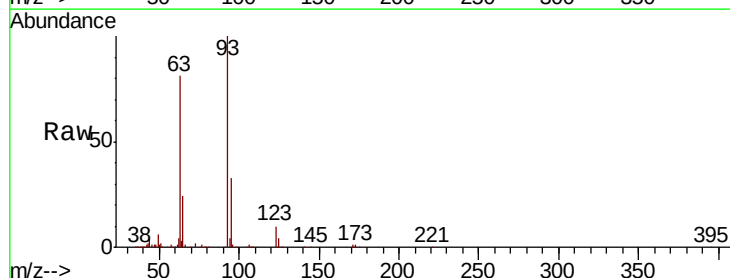
Instrument :
 BNA_G
 ClientSampleId :

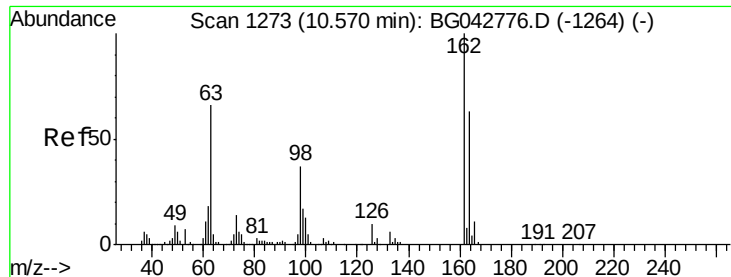
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.2	98.9	148.3
121	61.6	46.2	69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.487 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	10.1	9.0	13.6

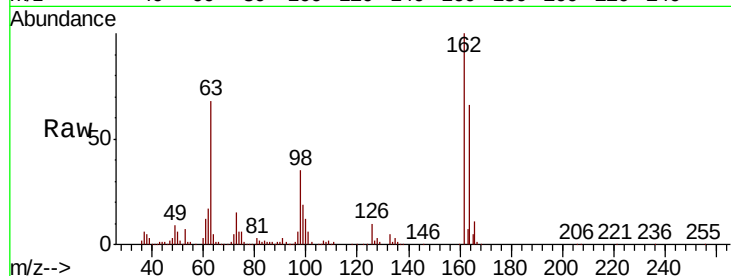




#29
 2,4-Dichlorophenol
 Concen: 49.770 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.4	83.4
98	35.2	17.0	57.0

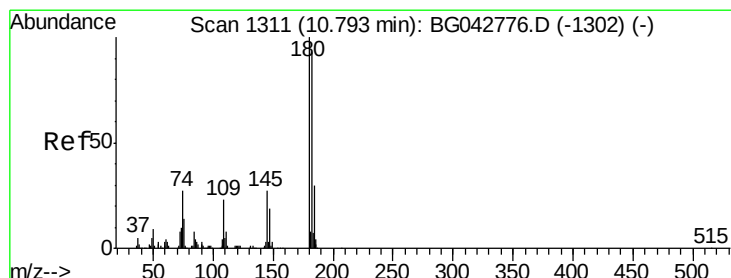
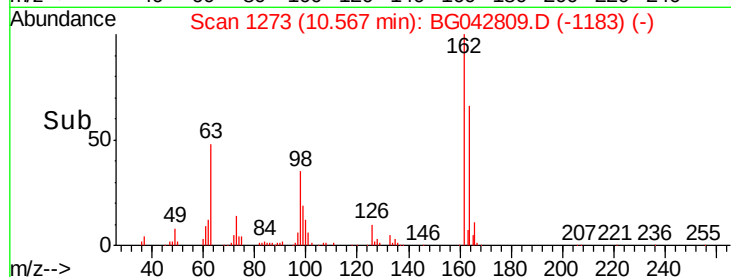
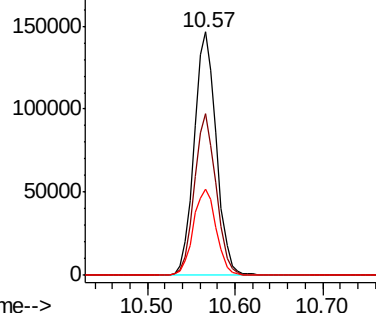


Abundance

Ion 162.00 (161.70 to 162.70): E

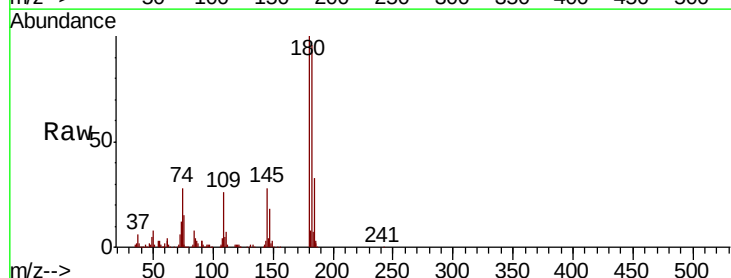
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 44.979 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.6	112.0
145	27.6	21.8	32.6

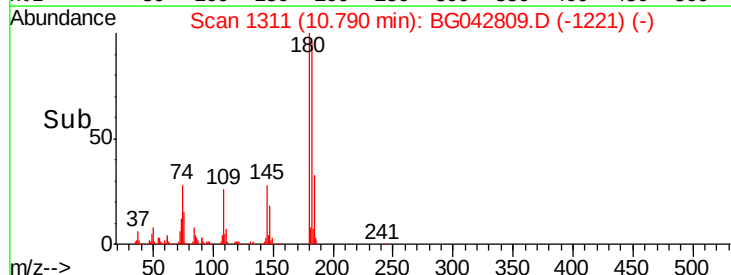
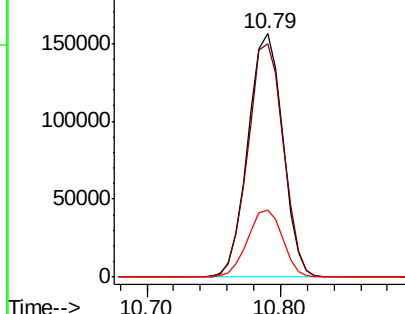


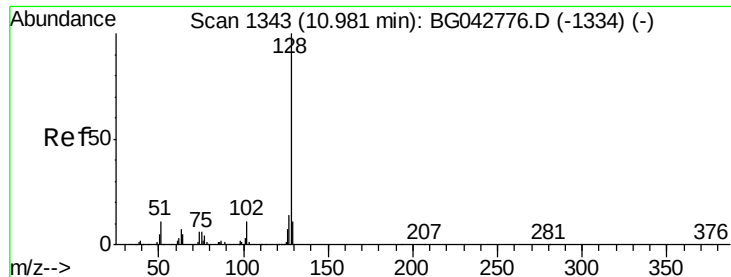
Abundance

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

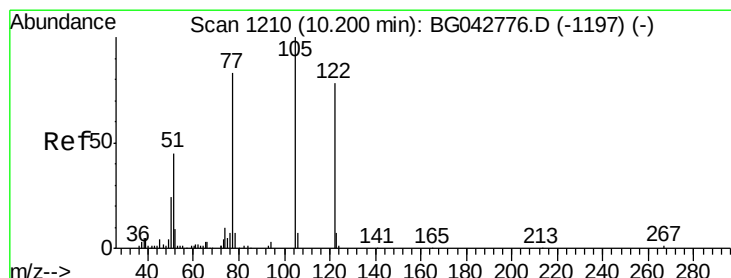
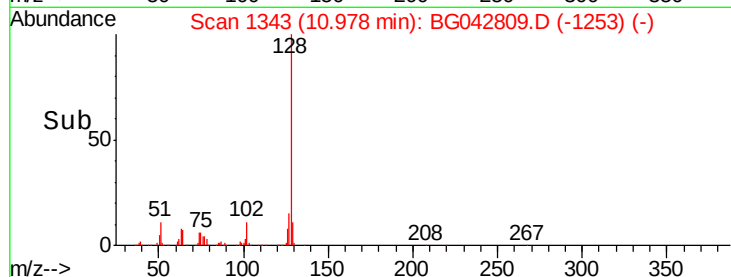
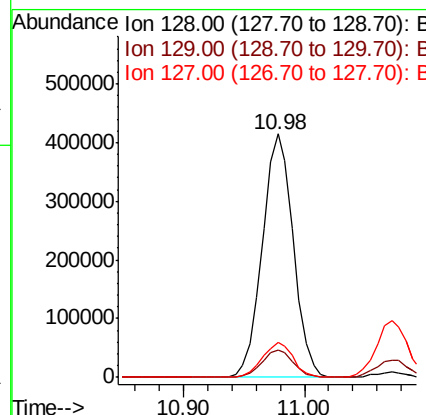
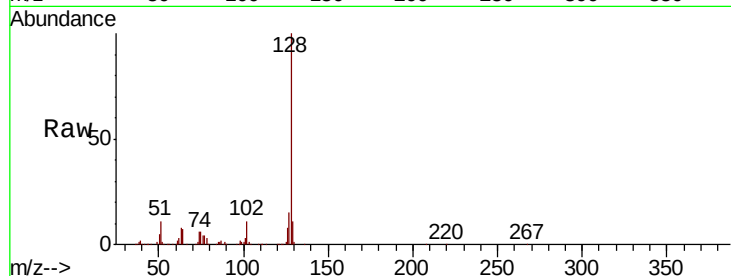




#31
Naphthalene
Concen: 47.679 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

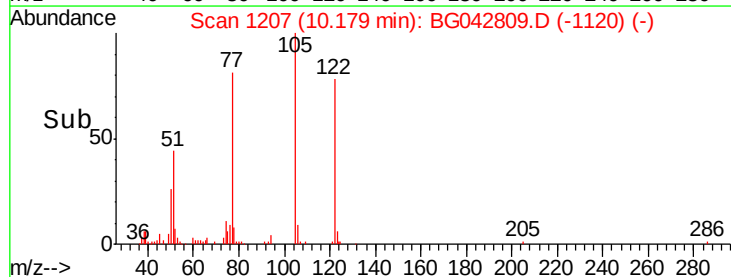
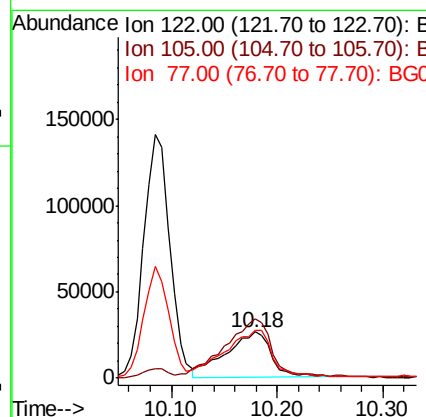
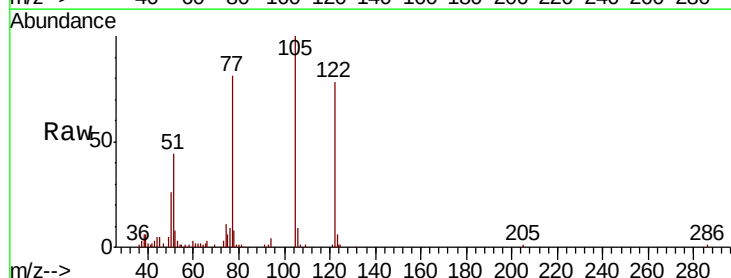
Instrument :
BNA_G
ClientSampleId :

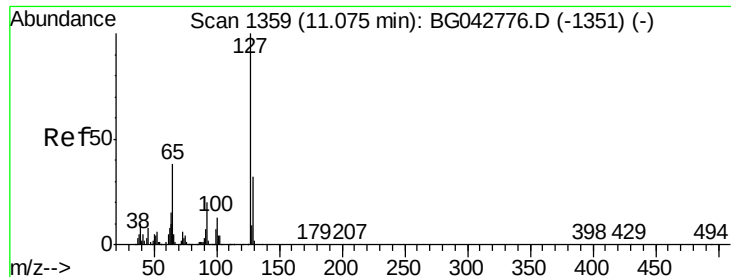
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.6	11.4	17.2



#32
Benzoic acid
Concen: 25.219 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	104.0	144.0
77	103.9	84.2	124.2

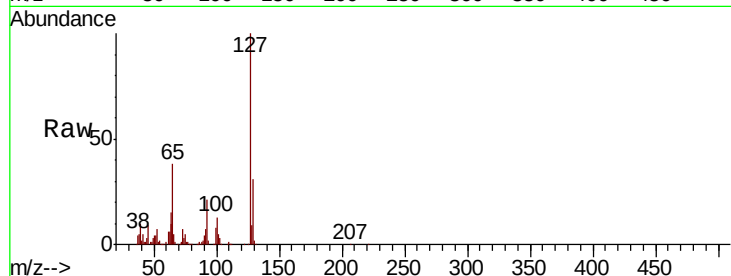




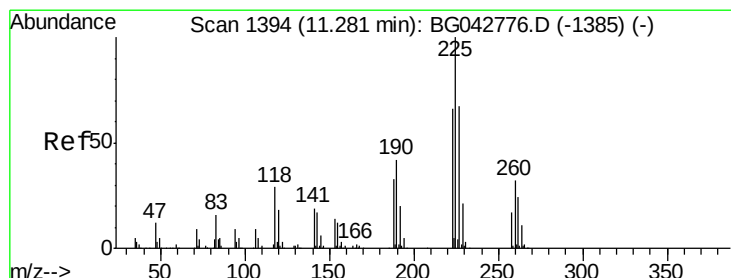
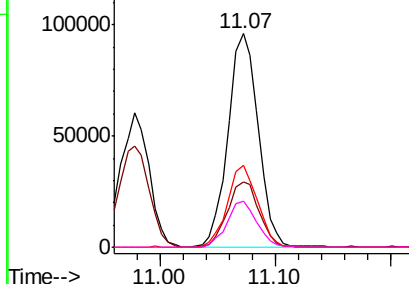
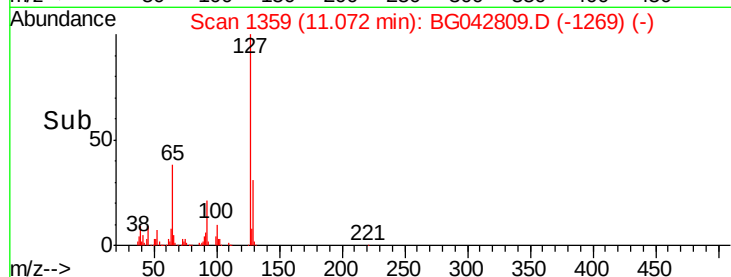
#33
4-Chloroaniline
Concen: 24.176 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	174923	
Ion Ratio	Lower	Upper	
127 100			
129 30.8	25.8	38.6	
65 38.2	30.5	45.7	
92 21.4	15.9	23.9	

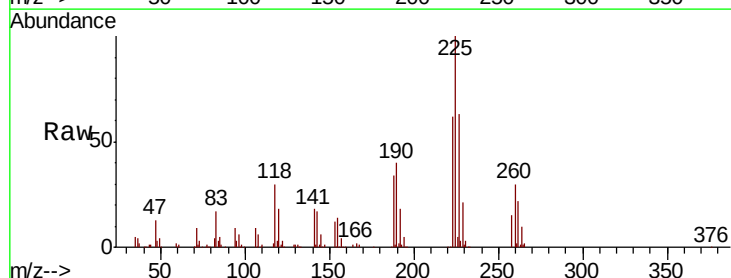


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

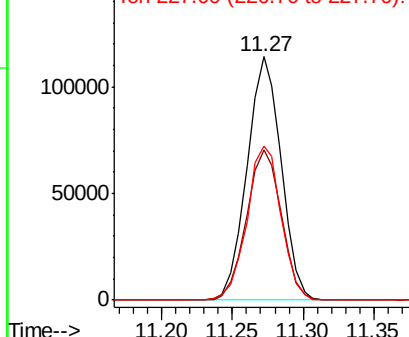
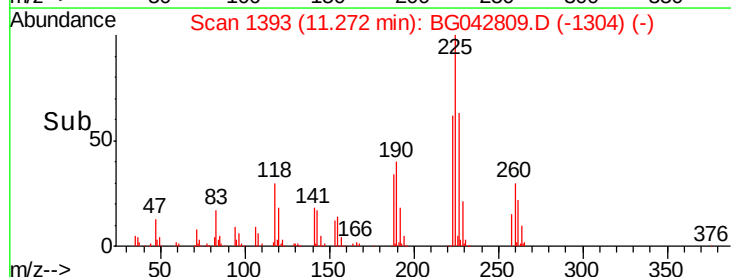


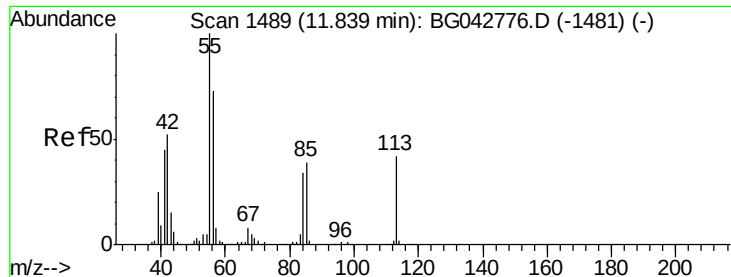
#34
Hexachlorobutadiene
Concen: 44.109 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	225	Resp: Lower	192788 Upper
	Ratio		
225	100		
223	61.7	52.6	79.0
227	63.2	53.6	80.4



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

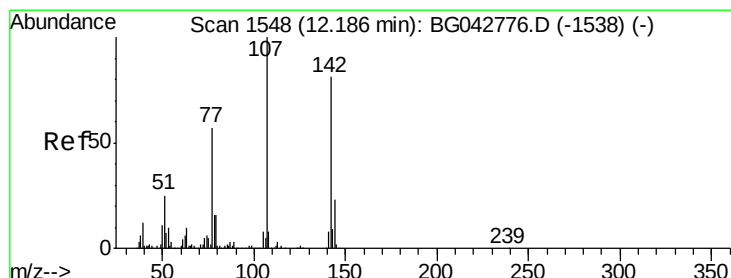
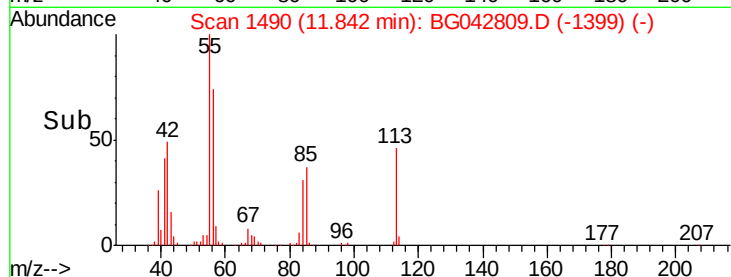
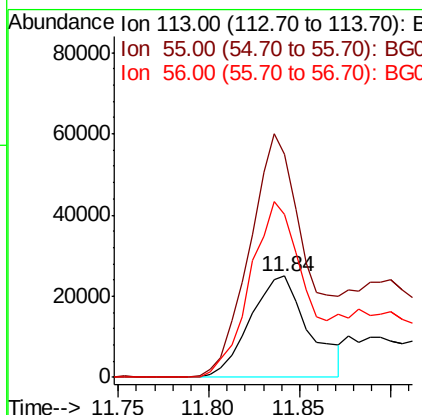
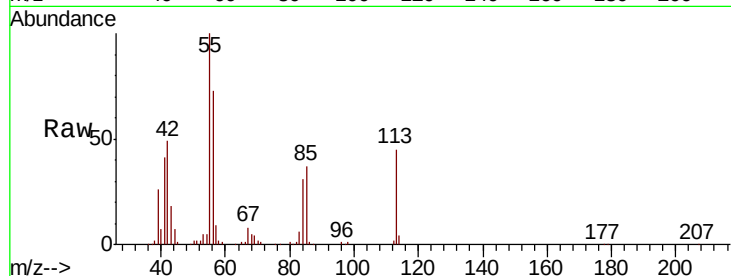




#35
 Caprolactam
 Concen: 29.528 ng
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

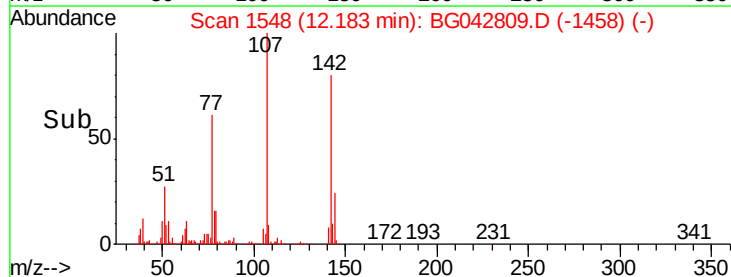
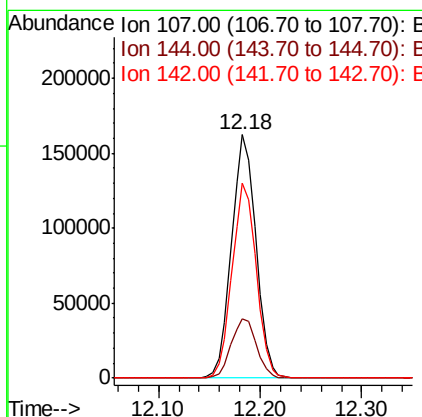
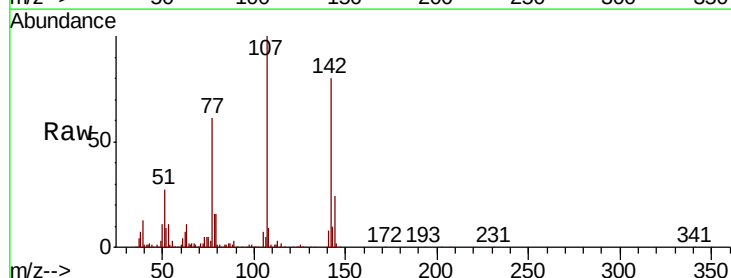
Instrument :
 BNA_G
 ClientSampleId :

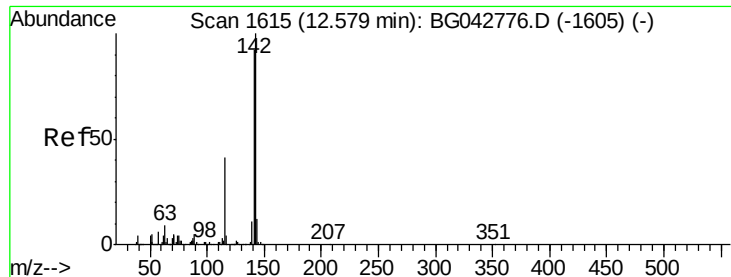
Tot Ion:113 Resp: 56104
 Ion Ratio Lower Upper
 113 100
 55 220.5 218.4 258.4
 56 162.0 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.042 ng
 RT: 12.18 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion:107 Resp: 272068
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.7 28.1
 142 80.2 65.0 97.4





#37

2-Methylnaphthalene

Concen: 47.132 ng

RT: 12.58 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampled :

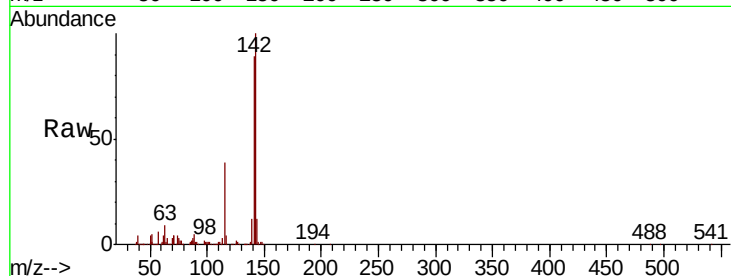
Tot Ion:142 Resp: 546537

Ion Ratio Lower Upper

142 100

141 88.8 73.8 110.8

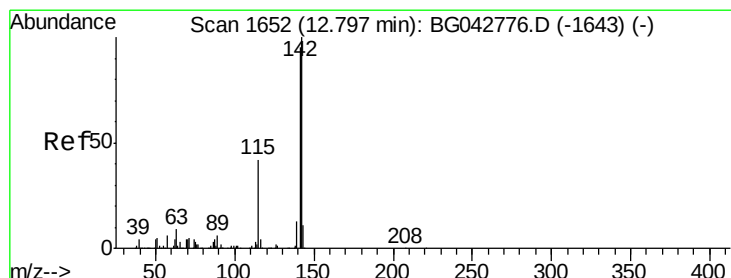
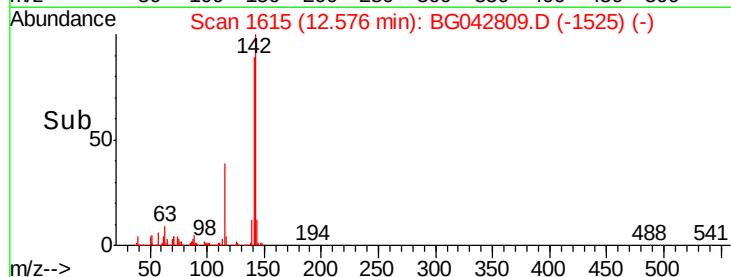
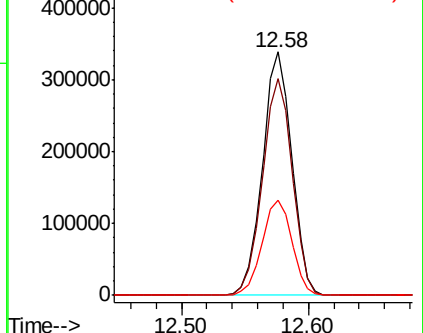
115 38.9 33.0 49.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.271 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

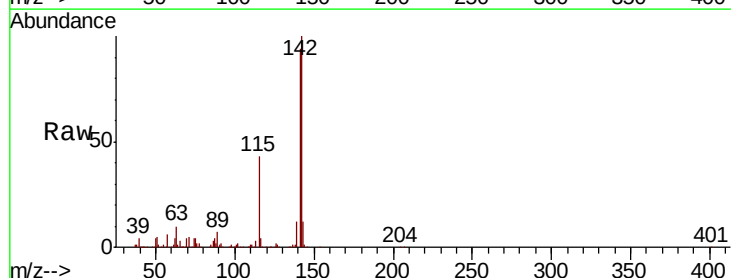
Tgt Ion:142 Resp: 503237

Ion Ratio Lower Upper

142 100

141 94.3 76.3 114.5

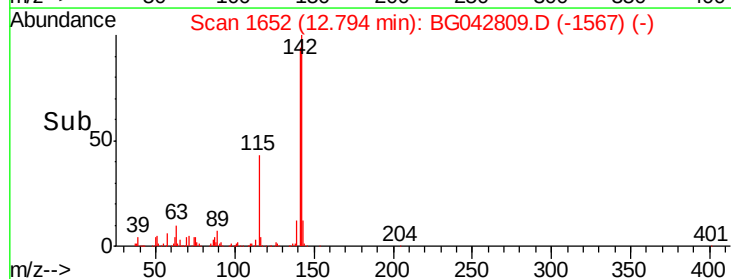
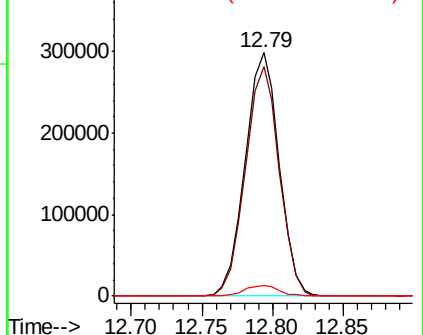
116 4.5 3.4 5.0

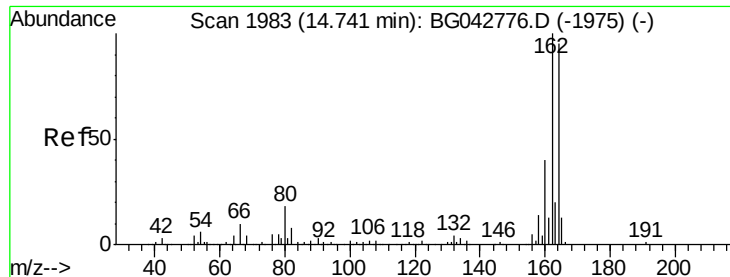


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

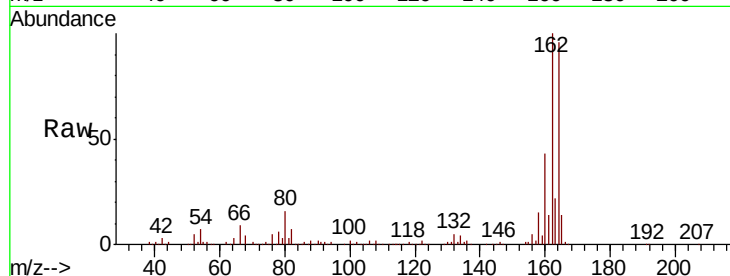
Tot Ion:164 Resp: 212576

Ion Ratio Lower Upper

164 100

162 104.3 84.6 126.8

160 44.4 34.2 51.2

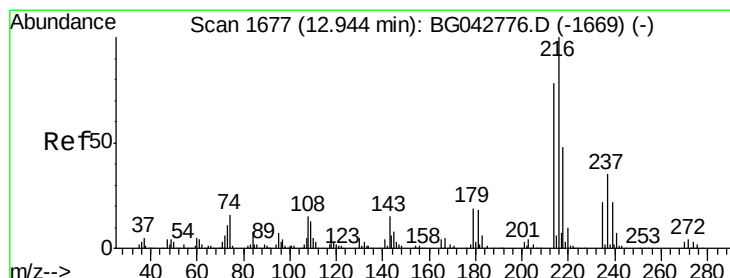
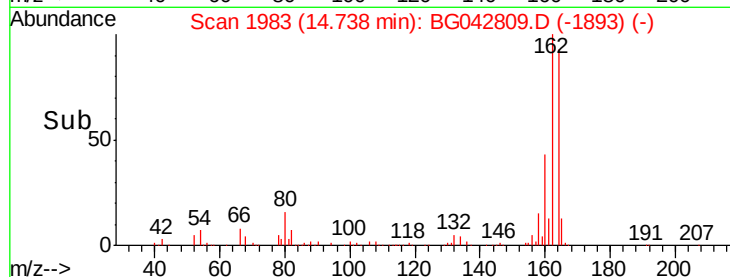
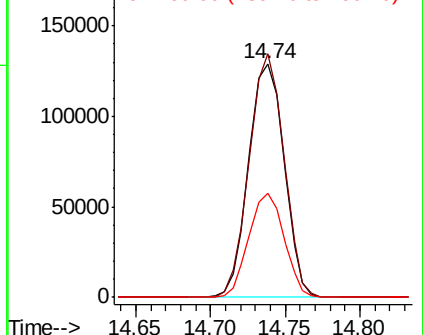


Abundance

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: 47.034 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:216 Resp: 330388

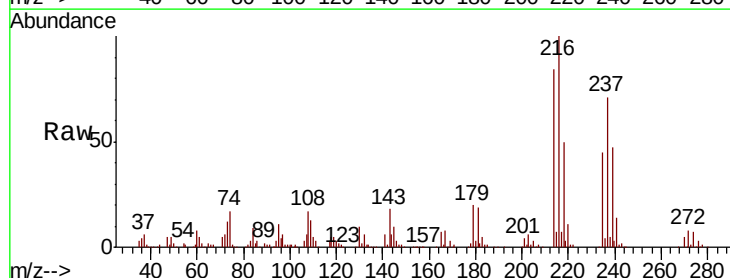
Ion Ratio Lower Upper

216 100

214 80.3 62.8 94.2

179 19.9 15.3 22.9

108 18.7 12.9 19.3



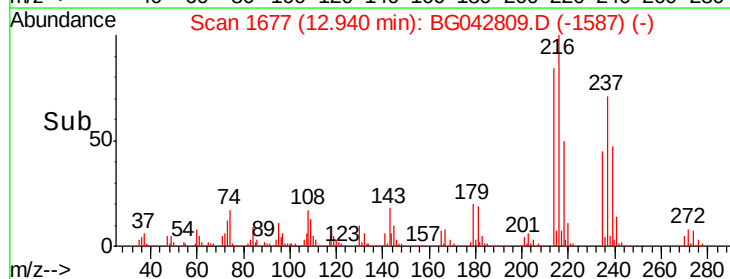
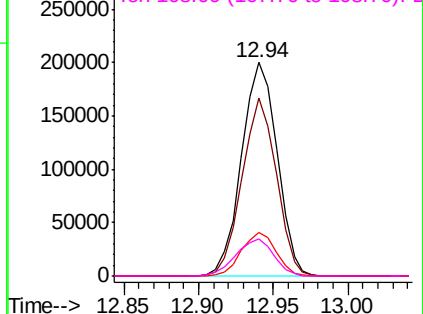
Abundance

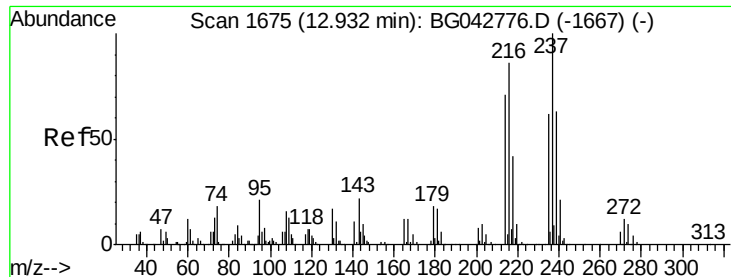
Ion 216.00 (215.70 to 216.70): E

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: 104.693 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

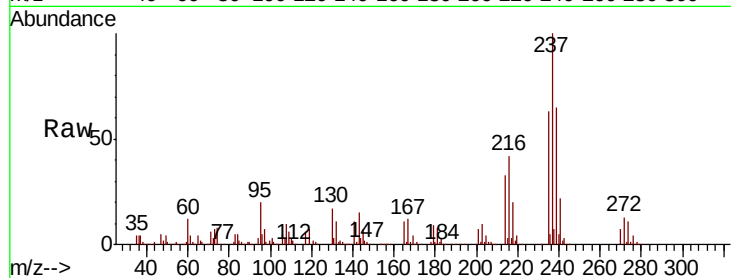
Tot Ion:237 Resp: 421296

Ion Ratio Lower Upper

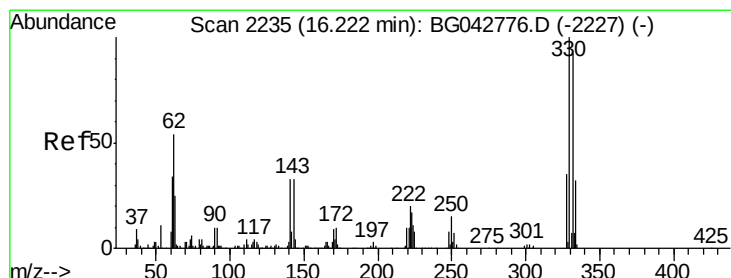
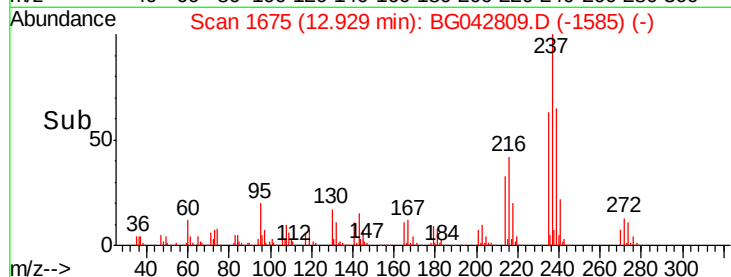
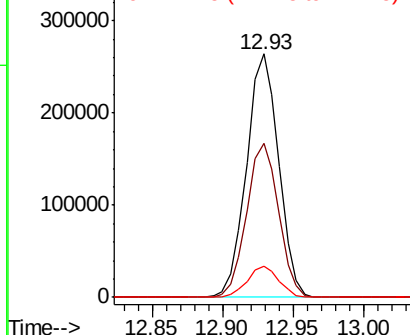
237 100

235 63.2 41.9 81.9

272 12.8 0.0 31.6



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: 125.854 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

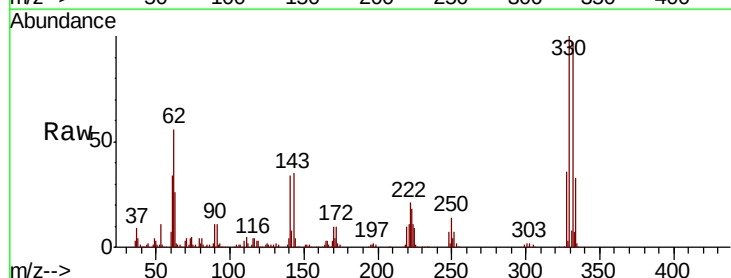
Tgt Ion:330 Resp: 355934

Ion Ratio Lower Upper

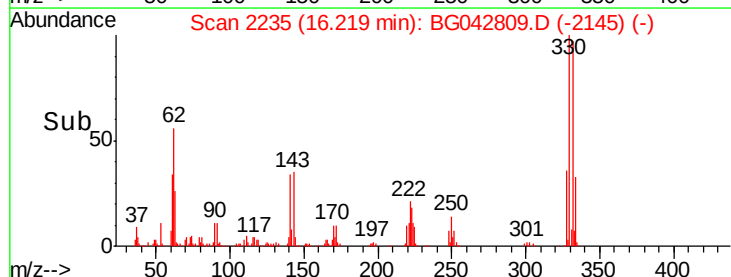
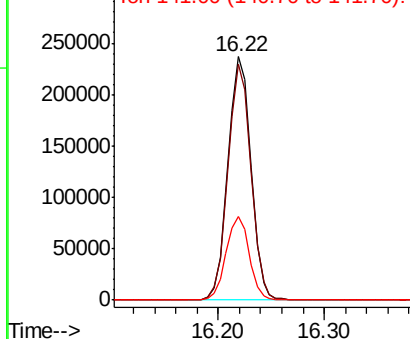
330 100

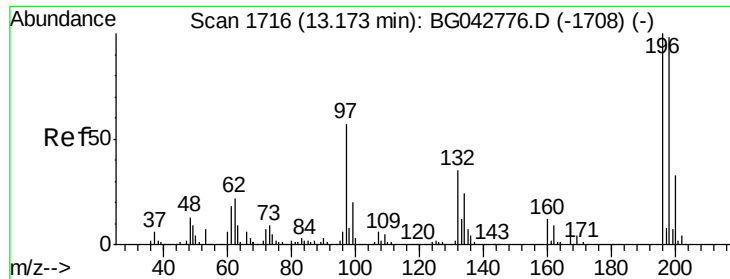
332 96.5 76.7 115.1

141 34.5 27.0 40.6



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

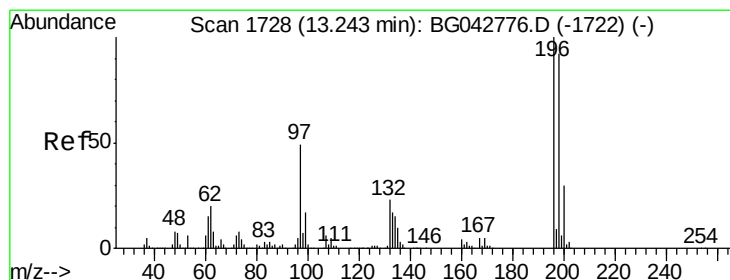
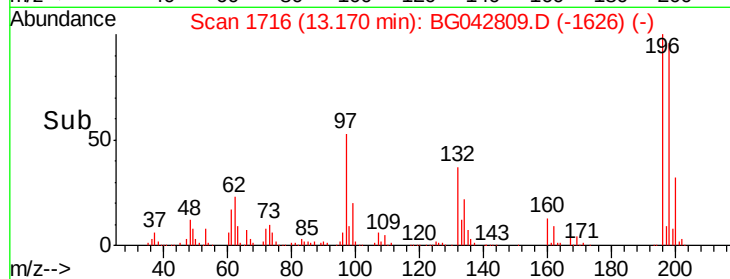
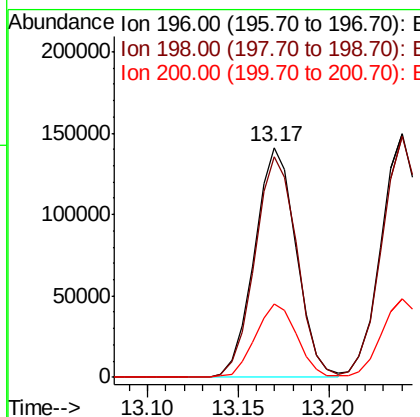
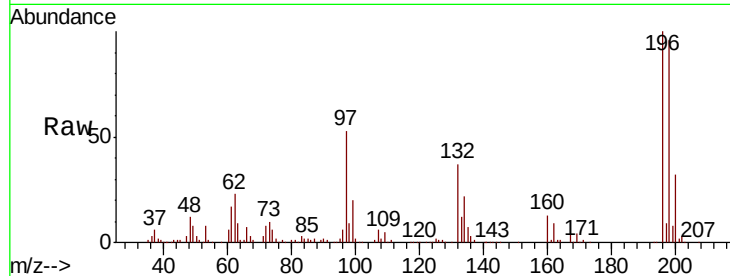




#43
 2,4,6-Trichlorophenol
 Concen: 48.216 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

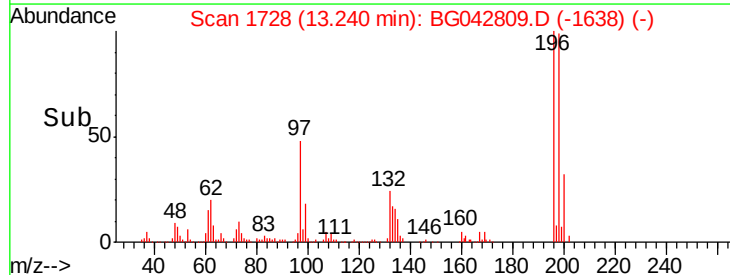
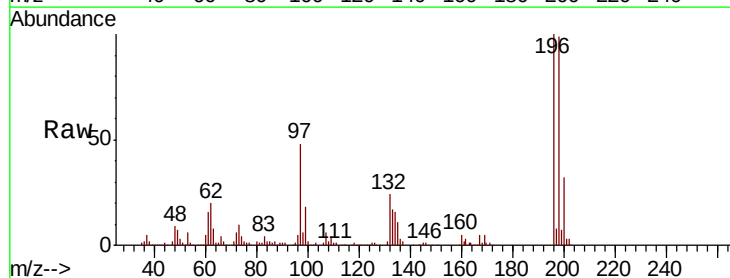
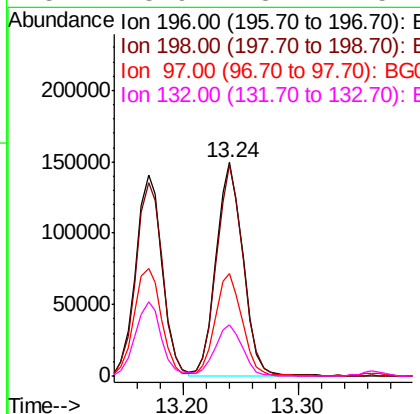
Instrument :
 BNA_G
 ClientSampled :

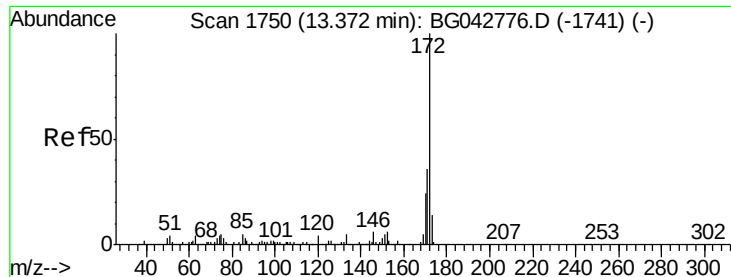
Tot Ion	196	Resp	225484
Ion Ratio	Lower	Upper	
196	100		
198	96.2	78.8	118.2
200	31.9	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 50.182 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	196	Resp	240379
Ion Ratio	Lower	Upper	
196	100		
198	99.2	73.4	110.0
97	48.0	39.2	58.8
132	23.9	18.7	28.1



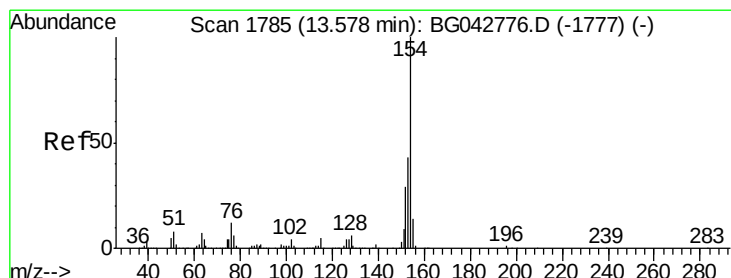
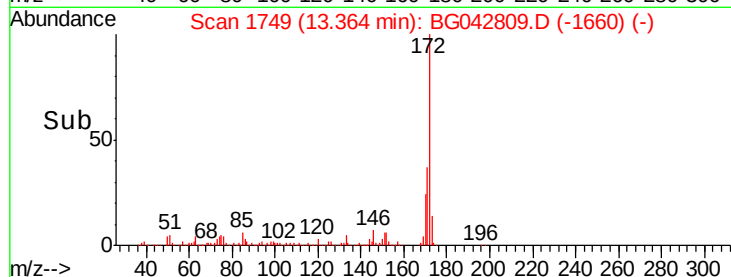
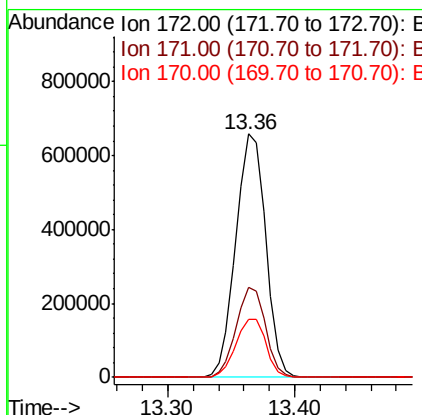
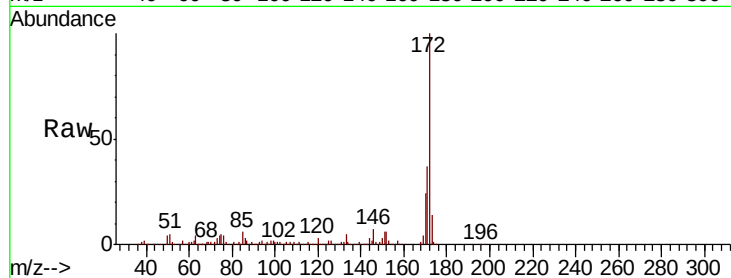


#45
 2-Fluorobiphenyl
 Concen: 80.138 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1076199

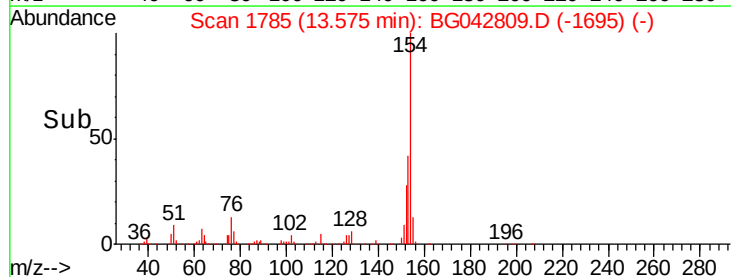
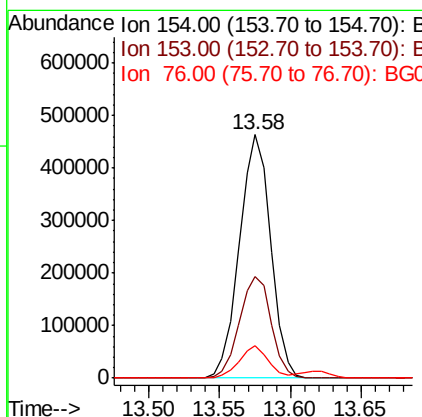
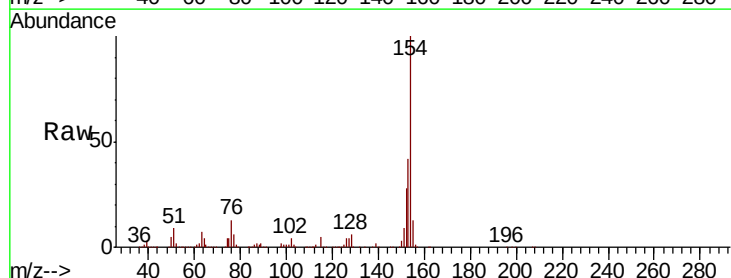
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.0	19.1	28.7

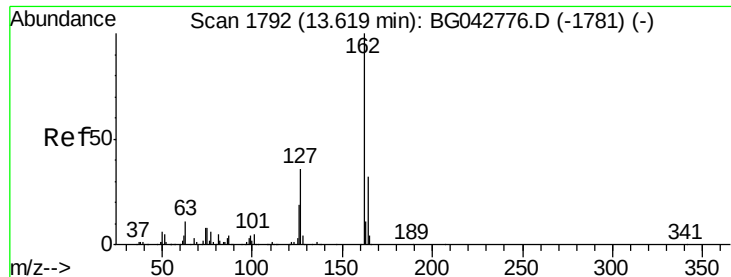


#46
 1,1'-Biphenyl
 Concen: 48.108 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion:154 Resp: 715925

Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.6	62.6
76	13.1	0.0	32.2

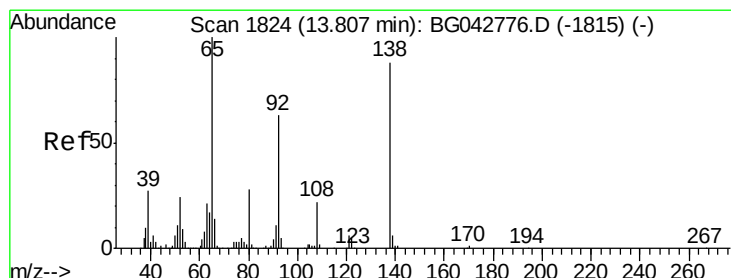
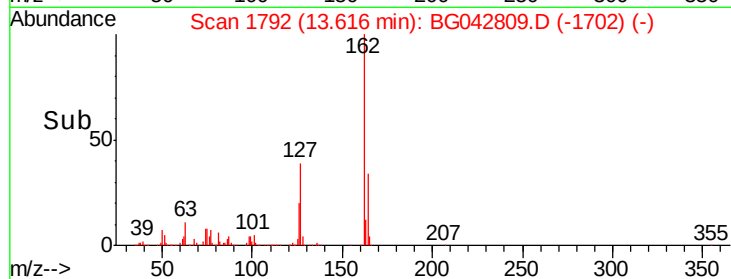
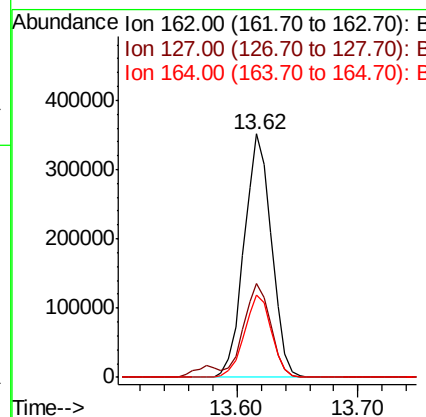
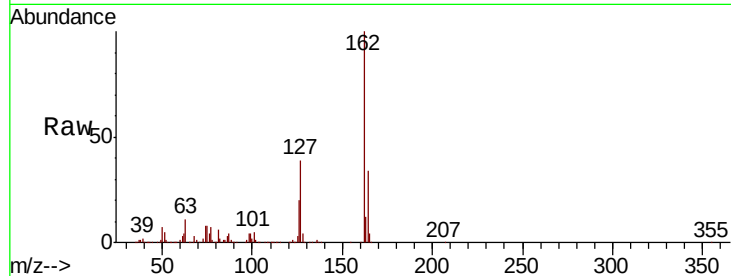




#47
 2-Chloronaphthalene
 Concen: 45.098 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

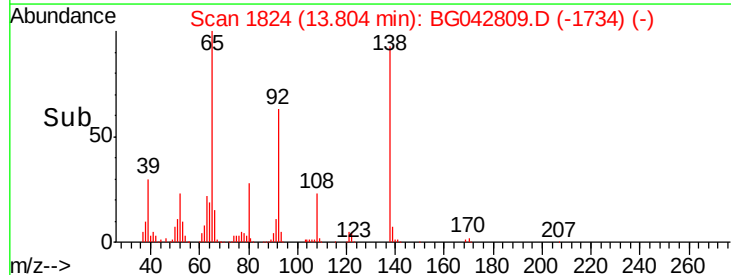
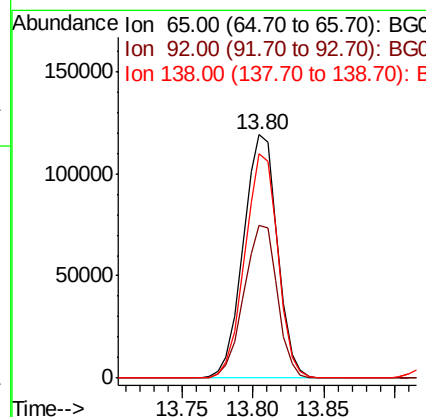
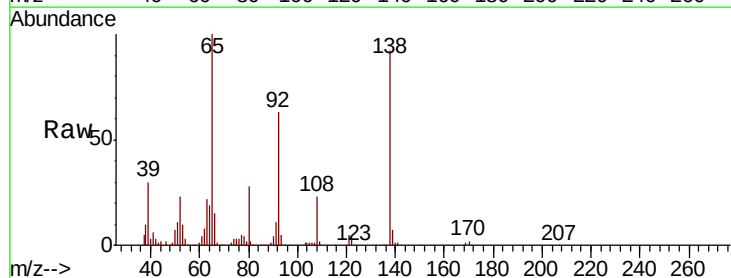
Instrument :
 BNA_G
 ClientSampleId :

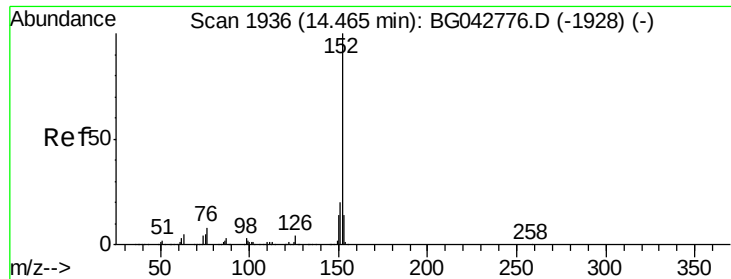
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	29.3	43.9
164	33.7	26.0	39.0



#48
 2-Nitroaniline
 Concen: 47.115 ng
 RT: 13.80 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	50.4	75.6
138	92.4	70.6	106.0





#49

Acenaphthylene

Concen: 47.306 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

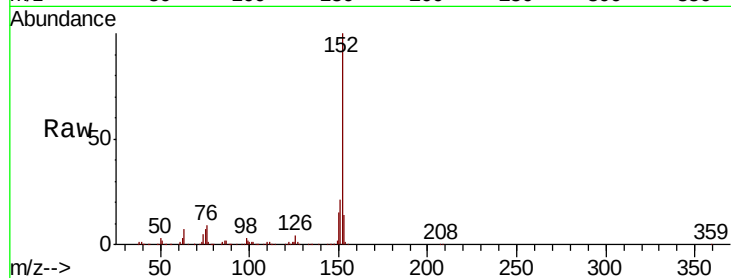
Tot Ion:152 Resp: 889943

Ion Ratio Lower Upper

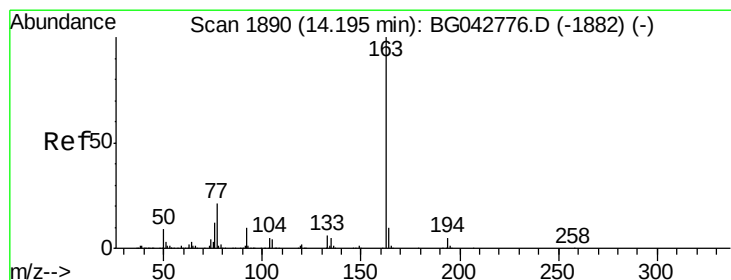
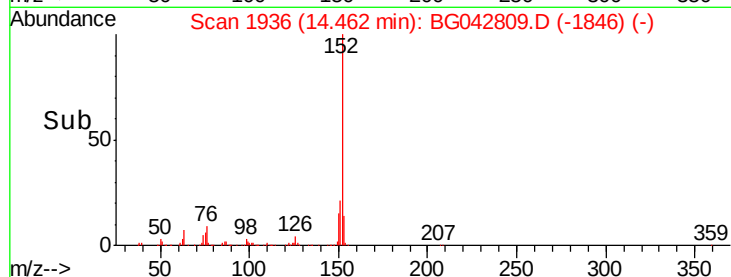
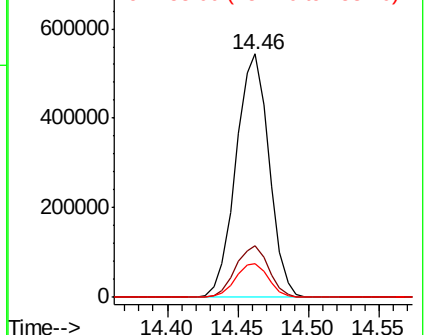
152 100

151 21.0 16.0 24.0

153 14.1 11.4 17.0



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: 44.725 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

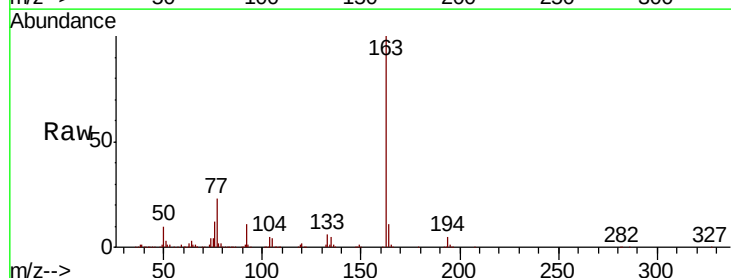
Tgt Ion:163 Resp: 712221

Ion Ratio Lower Upper

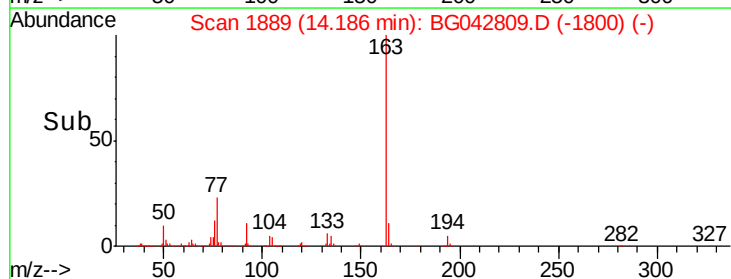
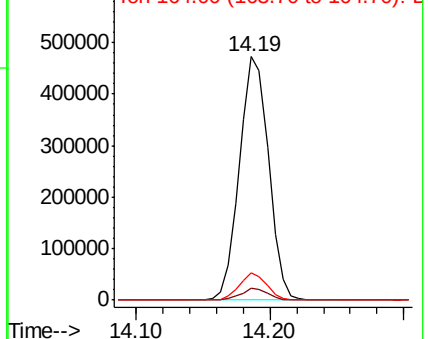
163 100

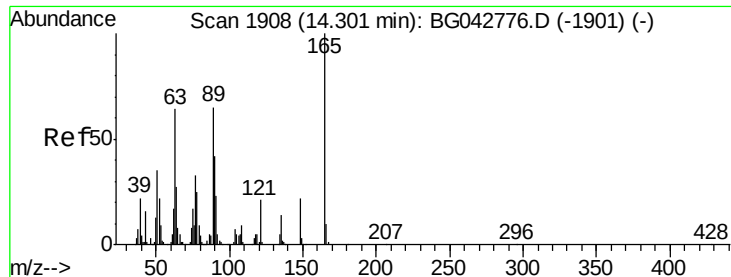
194 5.0 4.2 6.4

164 11.1 8.4 12.6



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

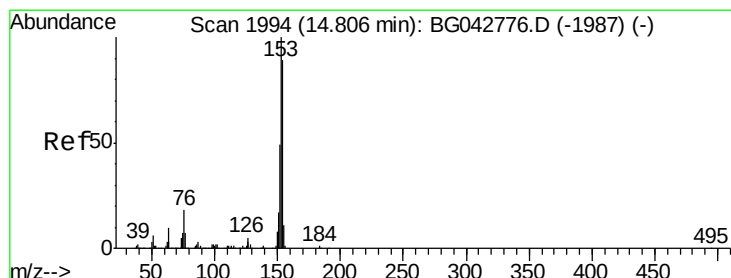
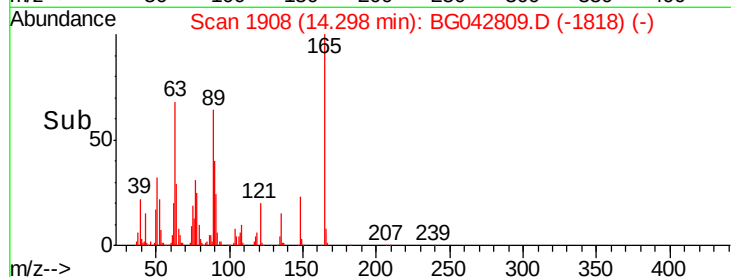
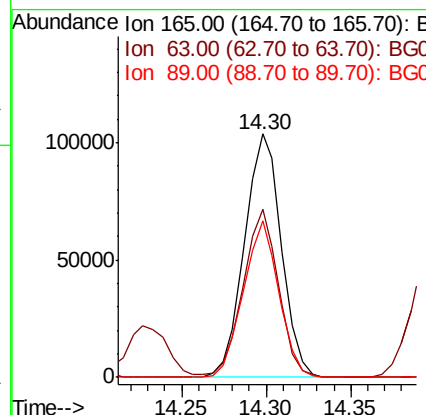
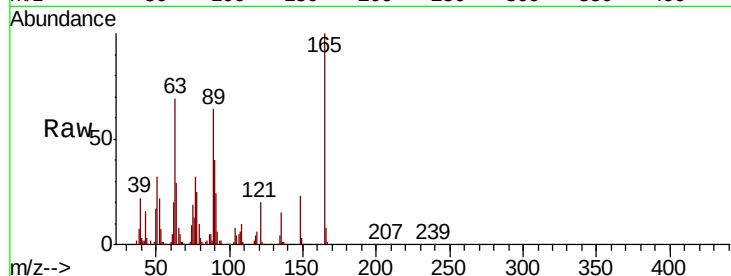




#51
 2,6-Dinitrotoluene
 Concen: 48.038 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

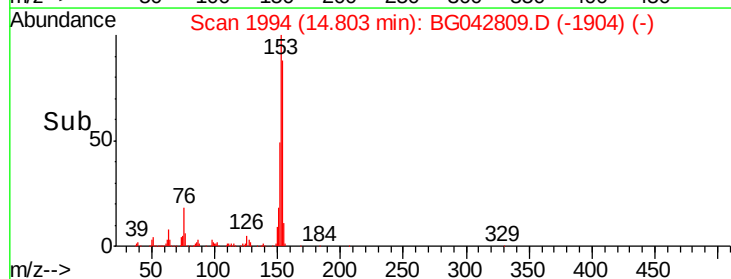
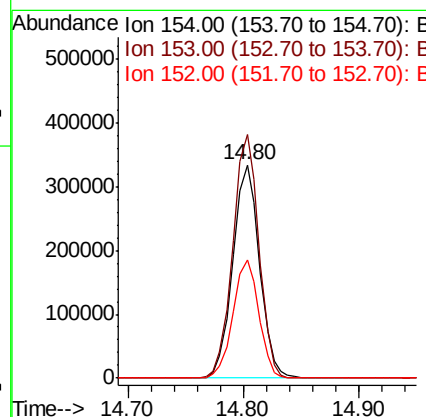
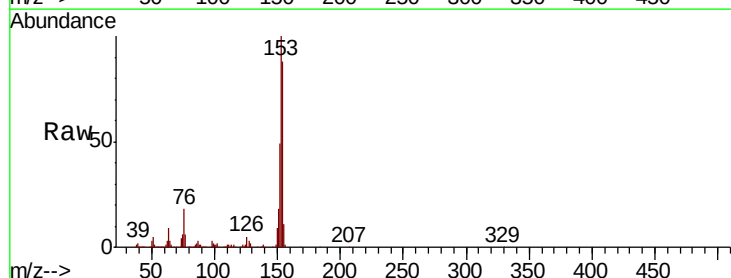
Instrument :
 BNA_G
 ClientSampleId :

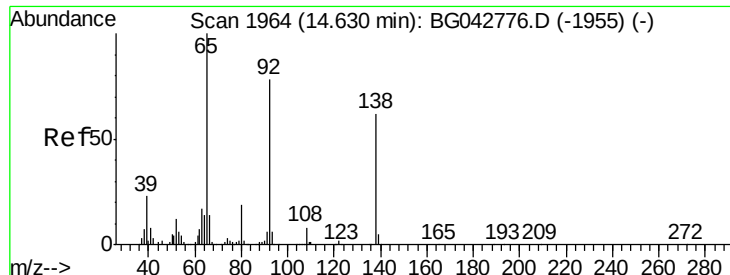
Tot Ion:165 Resp: 156967
 Ion Ratio Lower Upper
 165 100
 63 68.8 52.1 78.1
 89 64.2 51.7 77.5



#52
 Acenaphthene
 Concen: 43.523 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion:154 Resp: 534909
 Ion Ratio Lower Upper
 154 100
 153 114.3 89.4 134.2
 152 55.7 43.5 65.3

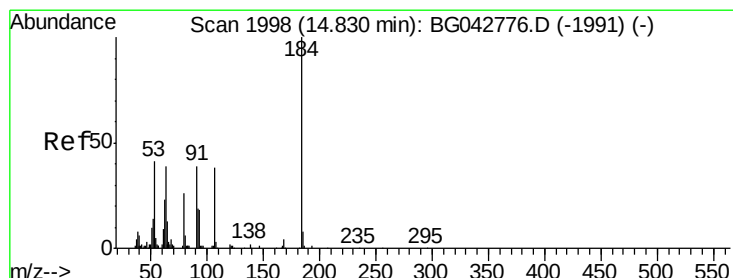
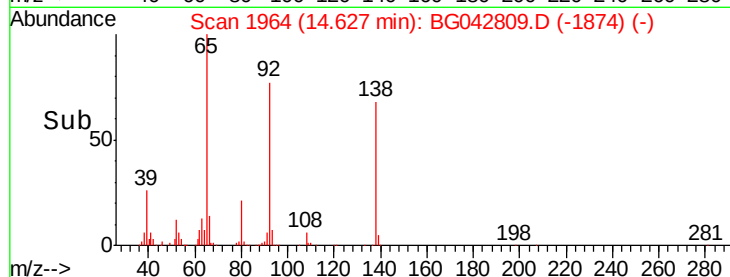
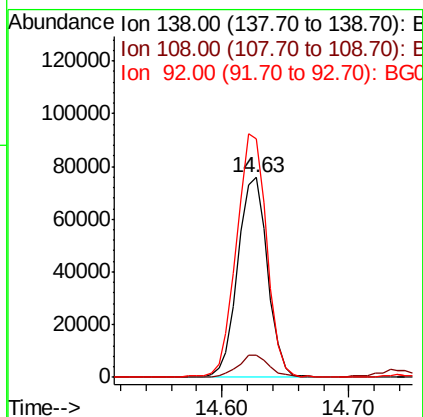
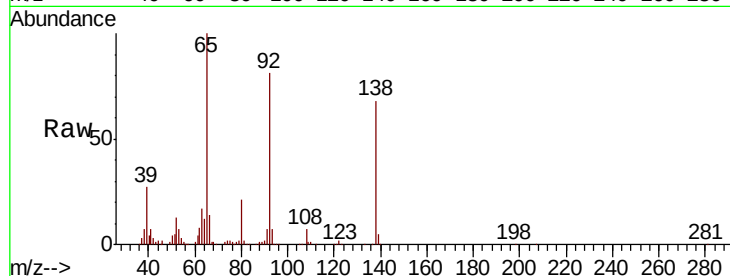




#53
 3-Nitroaniline
 Concen: 33.623 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

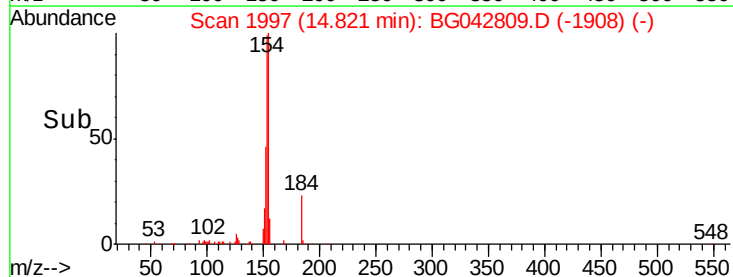
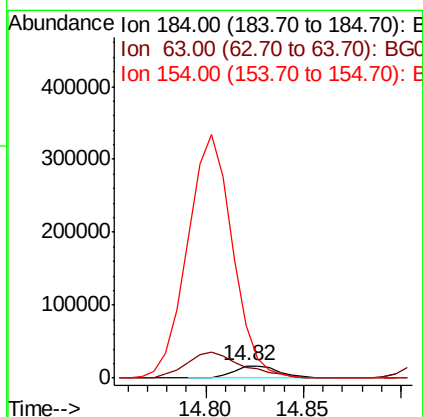
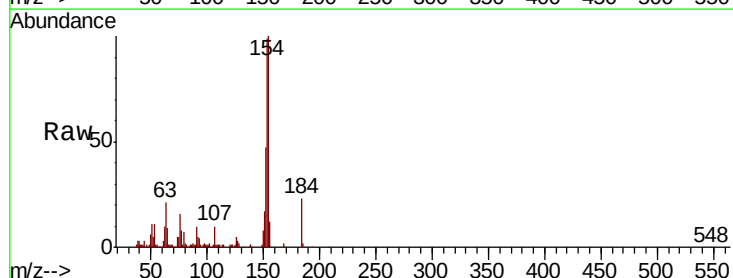
Instrument :
 BNA_G
 ClientSampleId :

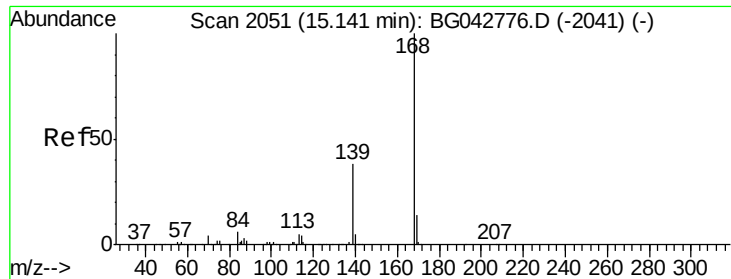
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	10.7	16.1
92	119.5	100.5	150.7



#54
 2,4-Dinitrophenol
 Concen: 17.229 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	89.7	46.2	69.4#
154	427.6	81.3	121.9#

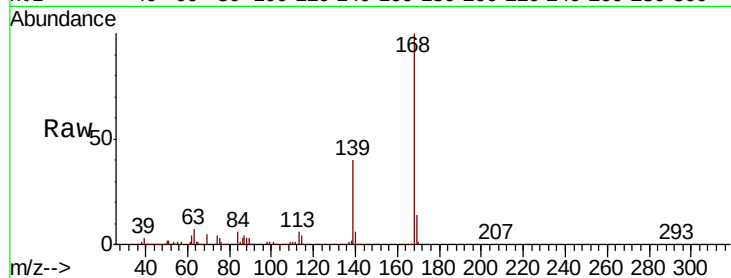




#55
Dibenzenofuran
Concen: 46.852 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.2	45.4
169	13.8	11.2	16.8

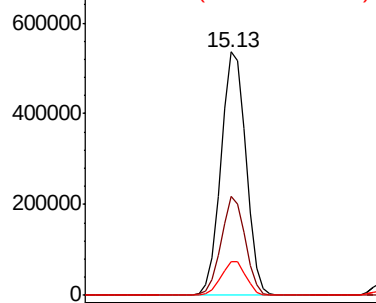


Abundance

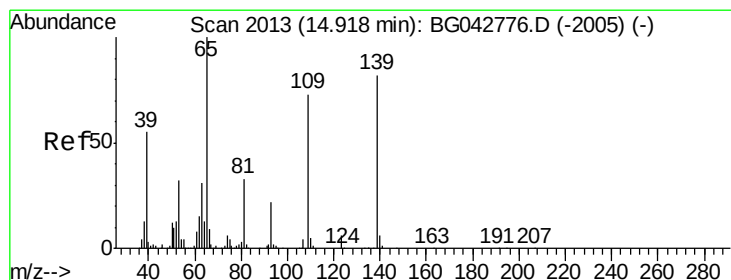
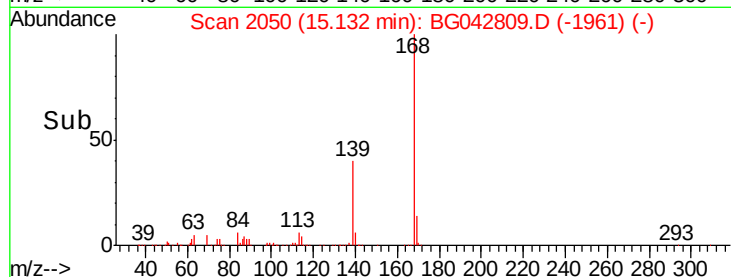
Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

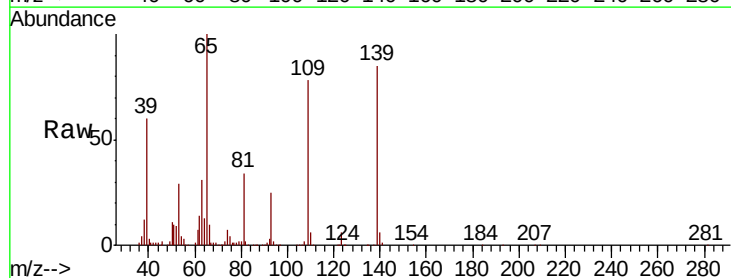


Time--> 15.00 15.10 15.20



#56
4-Nitrophenol
Concen: 97.764 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.1	69.4	109.4
65	118.3	102.5	142.5

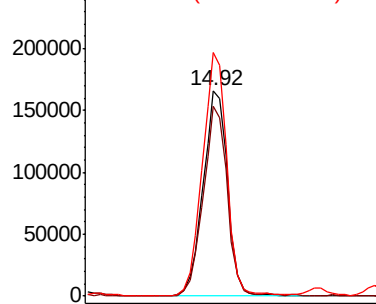


Abundance

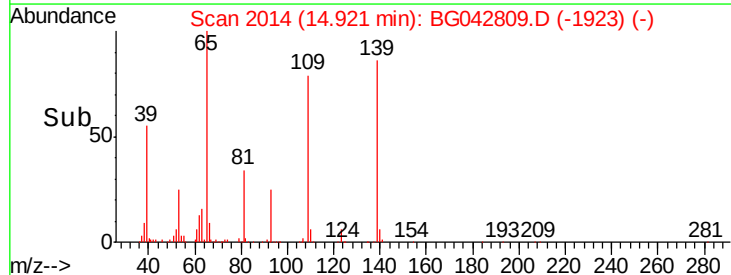
Ion 139.00 (138.70 to 139.70): E

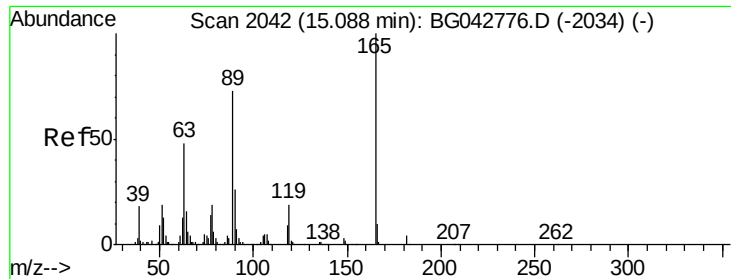
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



Time--> 14.80 14.90 15.00

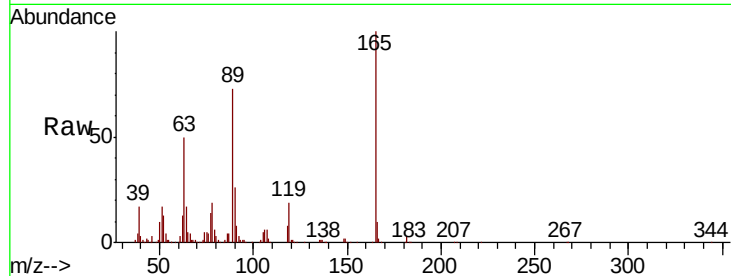




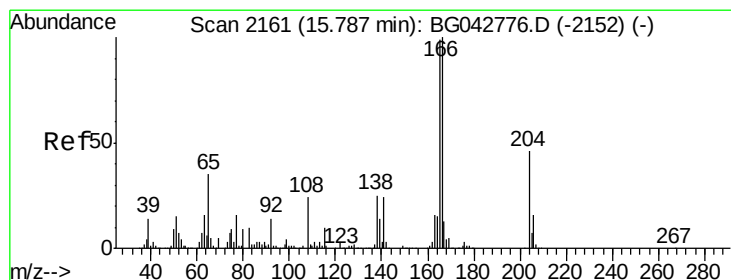
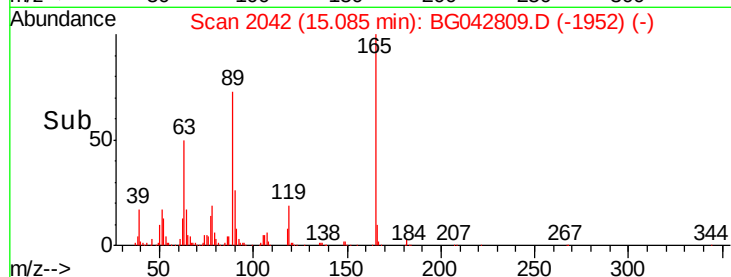
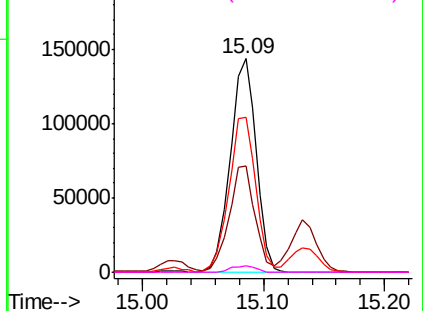
#57
 2,4-Dinitrotoluene
 Concen: 49.293 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	214693
Ion	Ratio	Lower	Upper
165	100		
63	49.9	38.3	57.5
89	72.7	58.4	87.6
182	2.7	2.9	4.3#

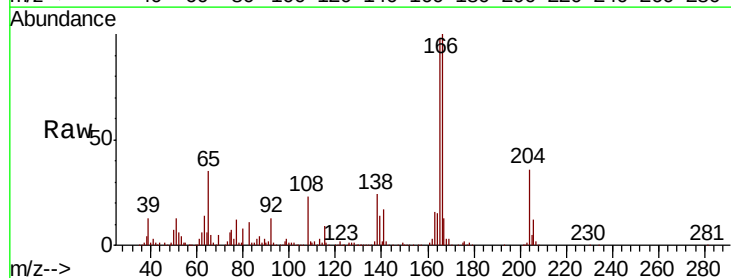


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

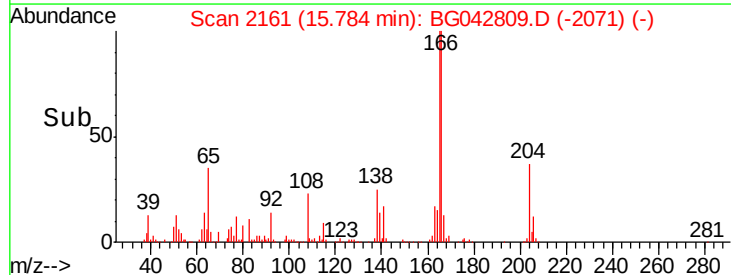
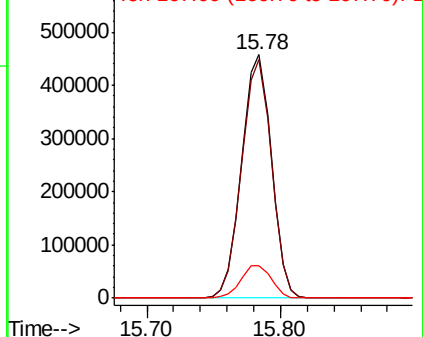


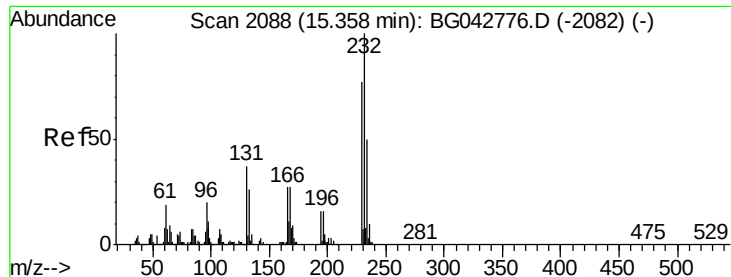
#58
 Fluorene
 Concen: 46.508 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion:	166	Resp:	704129
Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.1	118.7
167	13.5	10.7	16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.448 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 224970

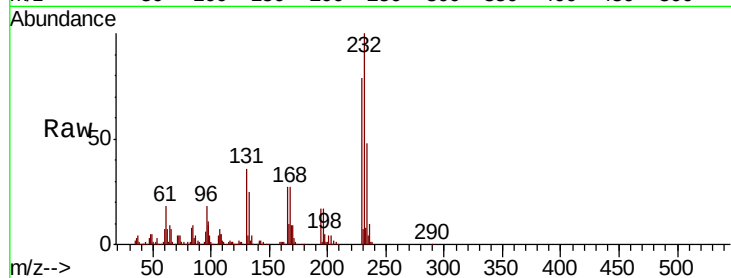
Ion Ratio Lower Upper

232 100

131 37.7 31.1 46.7

130 2.0 1.8 2.6

166 27.4 21.7 32.5

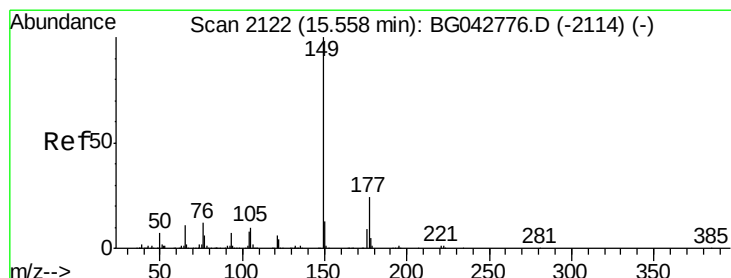
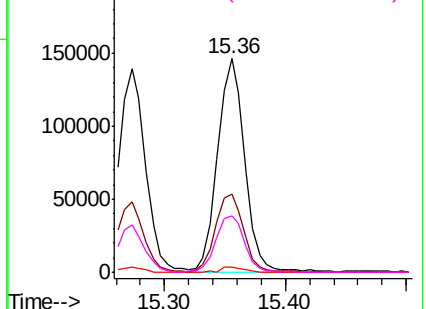
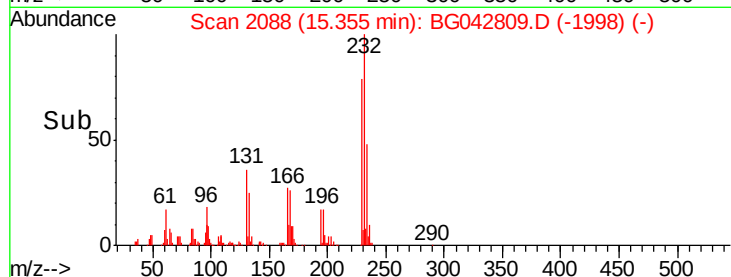


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.824 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

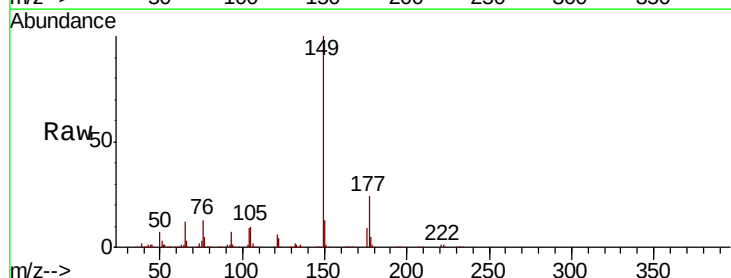
Tgt Ion:149 Resp: 708402

Ion Ratio Lower Upper

149 100

177 24.5 19.4 29.0

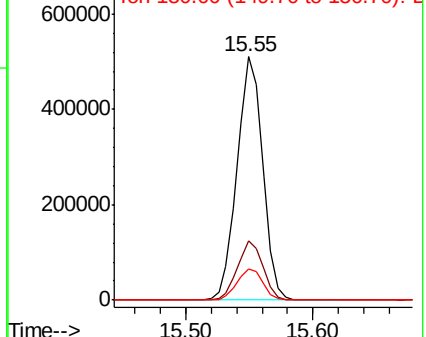
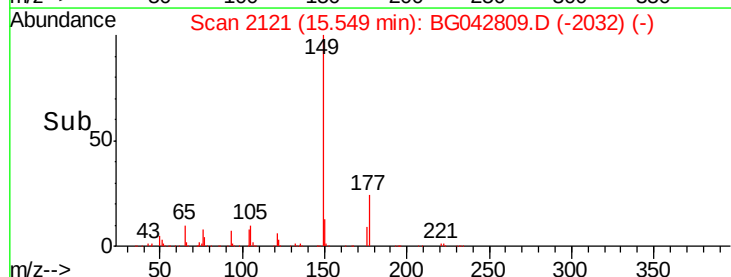
150 12.9 10.2 15.4

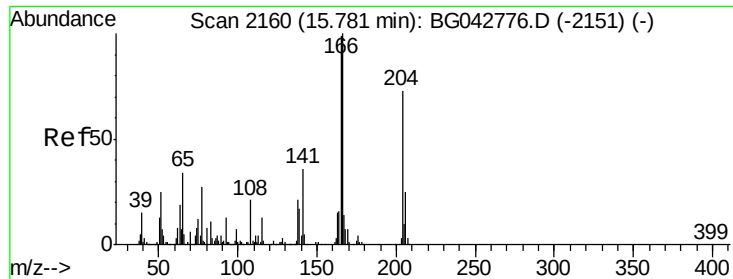


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

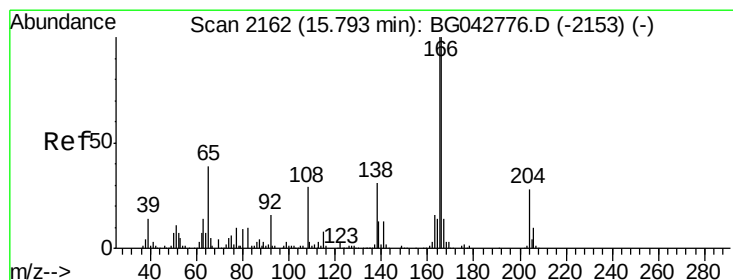
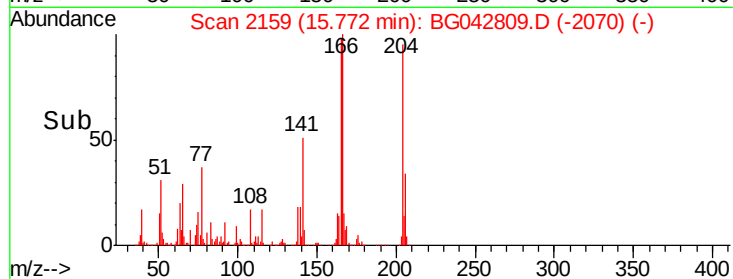
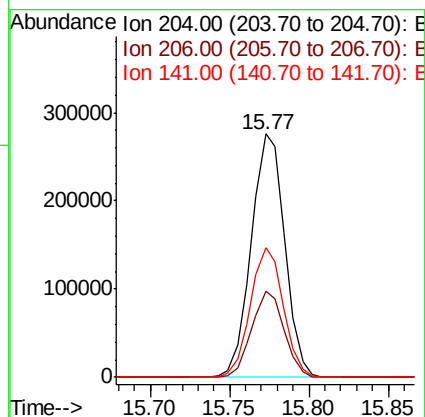
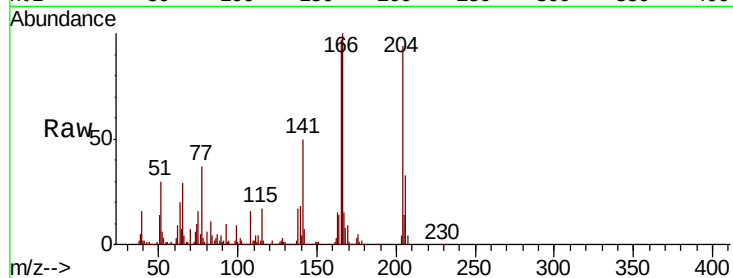




#61
 4-Chlorophenyl-phenylether
 Concen: 45.153 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

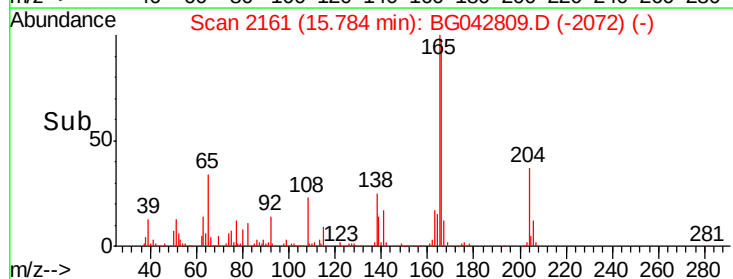
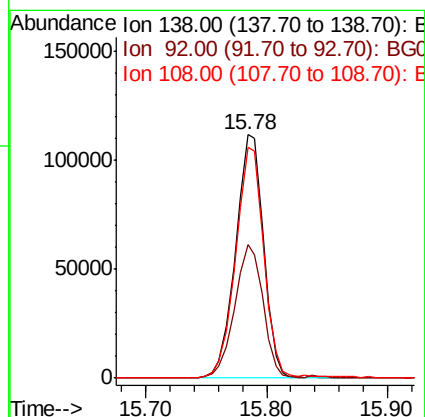
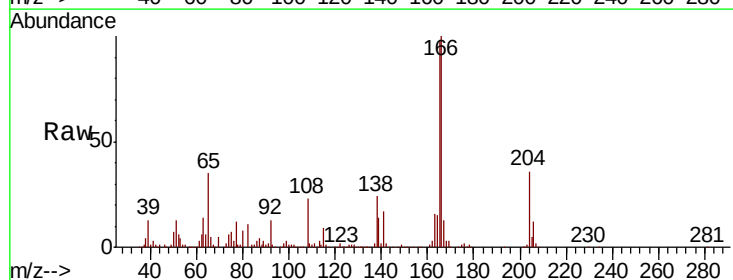
Instrument :
 BNA_G
 ClientSampleId :

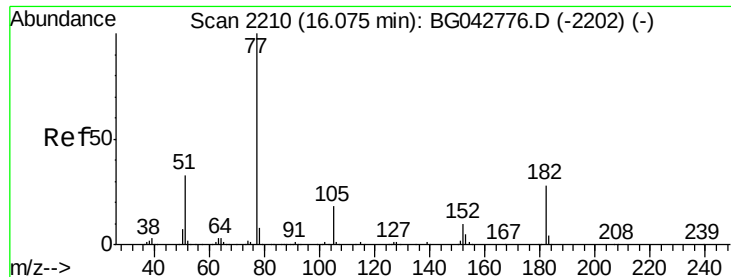
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.6	41.4
141	53.4	39.8	59.6



#62
 4-Nitroaniline
 Concen: 45.626 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	31.4	71.4
108	94.7	74.8	114.8

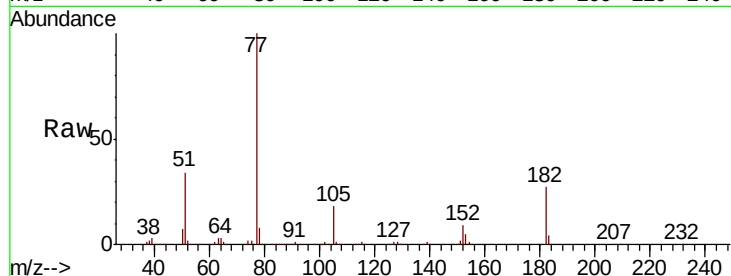




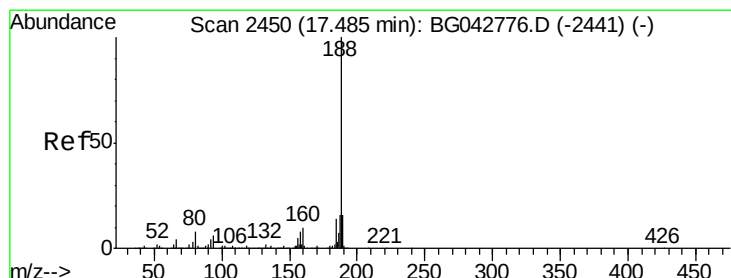
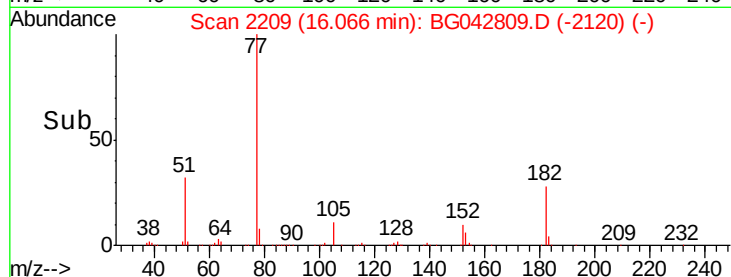
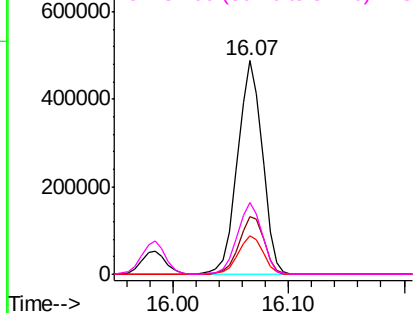
#63
Azobenzene
Concen: 46.577 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	725022
Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.1	48.1
105	18.3	0.0	38.1
51	33.6	12.9	52.9

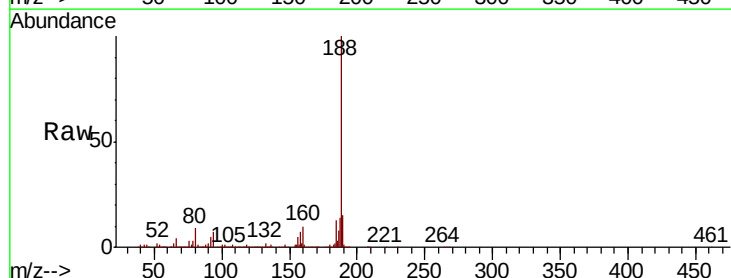


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

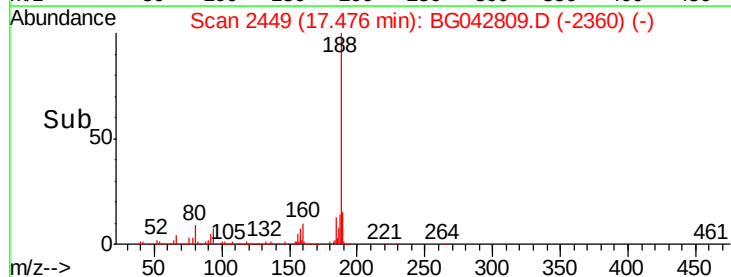
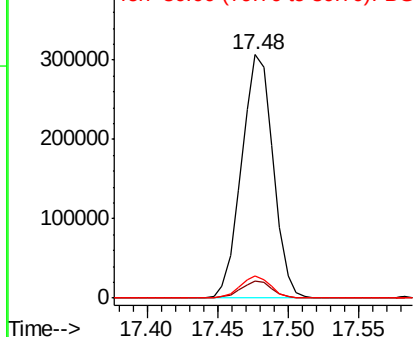


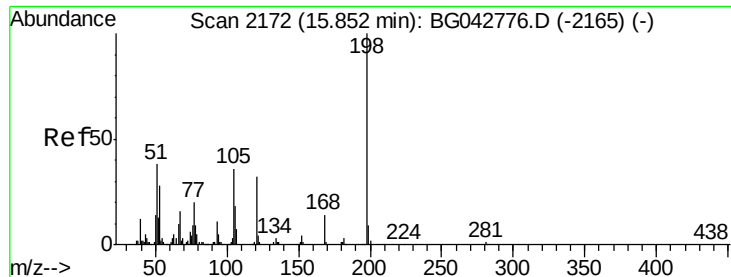
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion:	188	Resp:	479903
Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.8	7.2#
80	9.1	6.6	9.8



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: 18.805 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

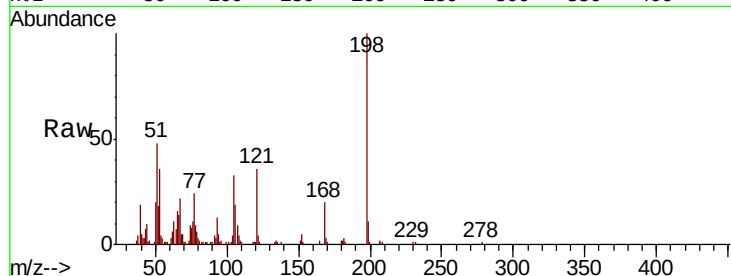
Tot Ion:198 Resp: 38615

Ion Ratio Lower Upper

198 100

51 48.4 20.9 60.9

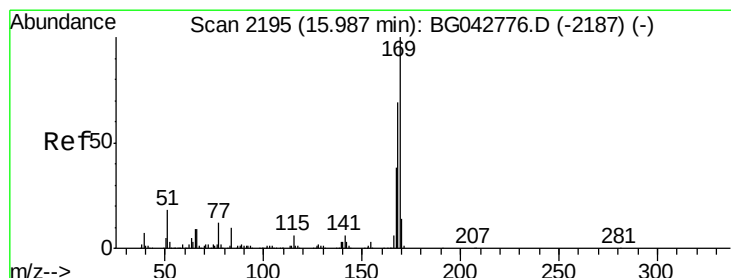
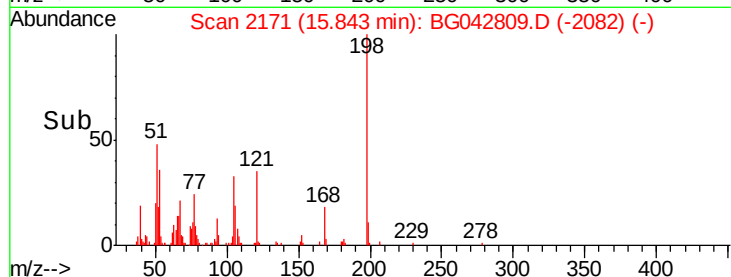
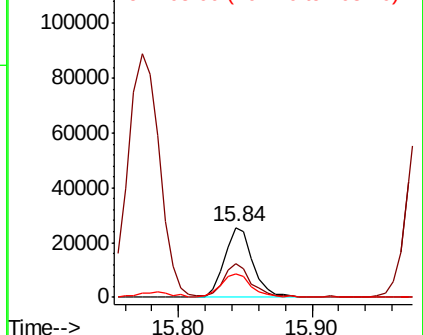
105 33.5 16.4 56.4



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: 49.210 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

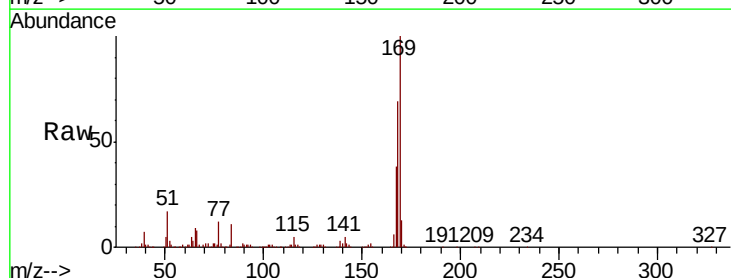
Tgt Ion:169 Resp: 635484

Ion Ratio Lower Upper

169 100

168 69.4 55.4 83.2

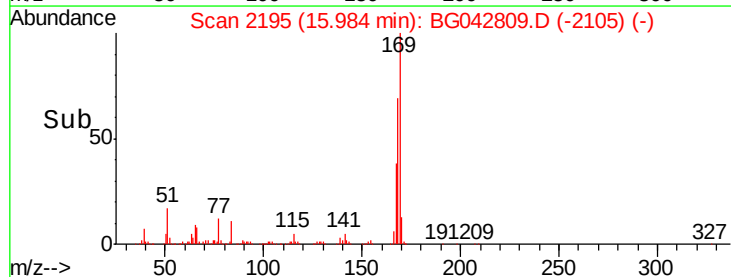
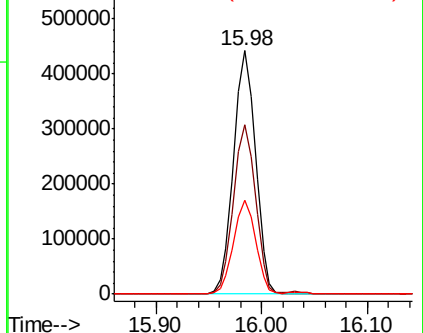
167 38.3 30.4 45.6

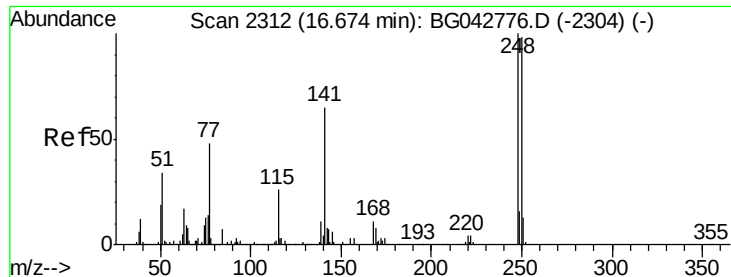


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

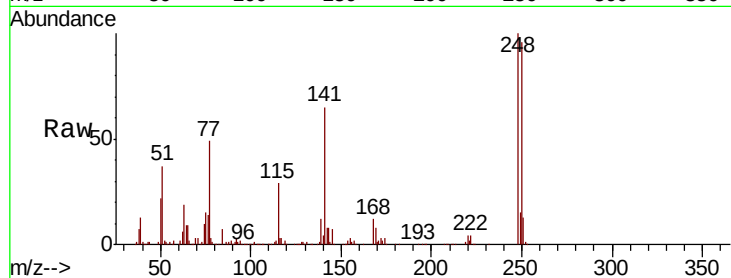




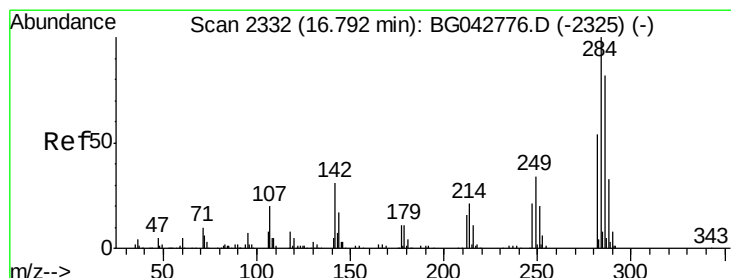
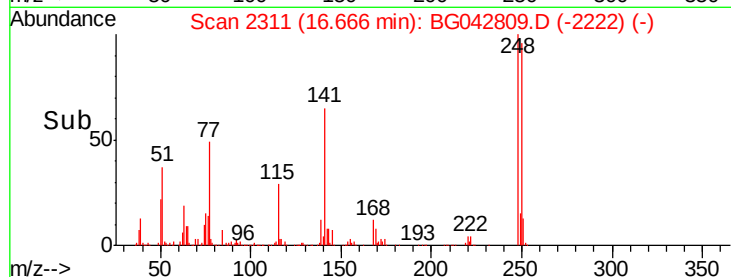
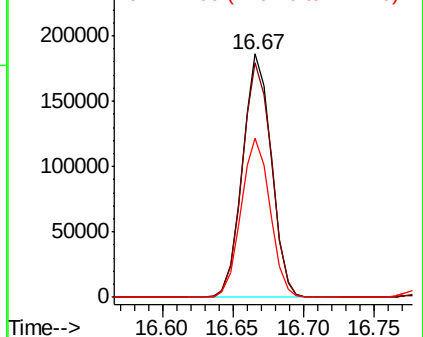
#67
4-Bromophenyl-phenylether
Concen: 45.695 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 265421
Ion Ratio Lower Upper
248 100
250 96.2 78.0 117.0
141 65.1 51.8 77.6

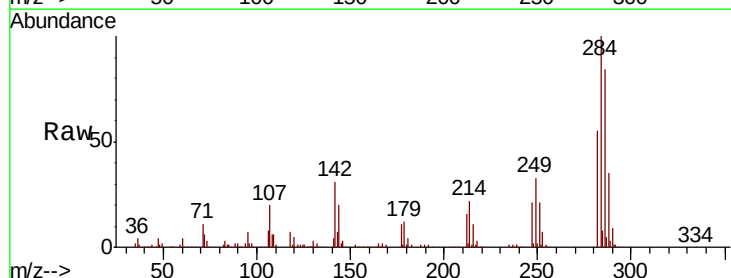


Abundance Ion 248.00 (247.70 to 248.70): E
250000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

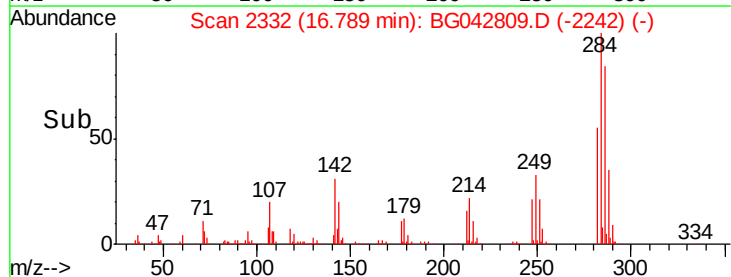
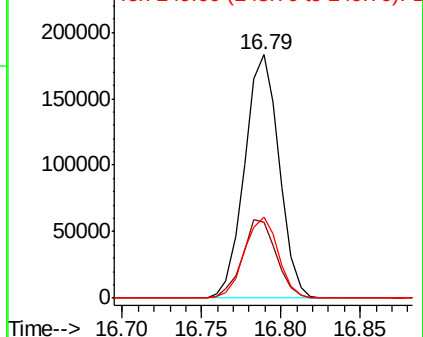


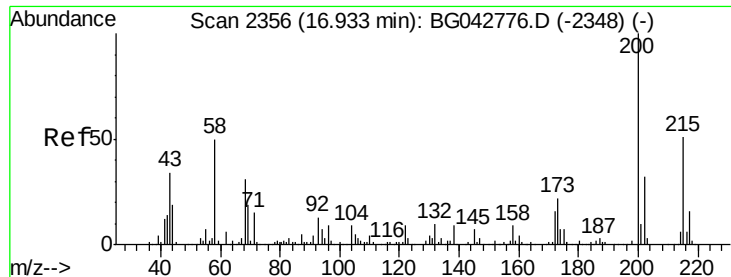
#68
Hexachlorobenzene
Concen: 44.458 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion:284 Resp: 275938
Ion Ratio Lower Upper
284 100
142 31.3 24.7 37.1
249 33.2 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
250000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

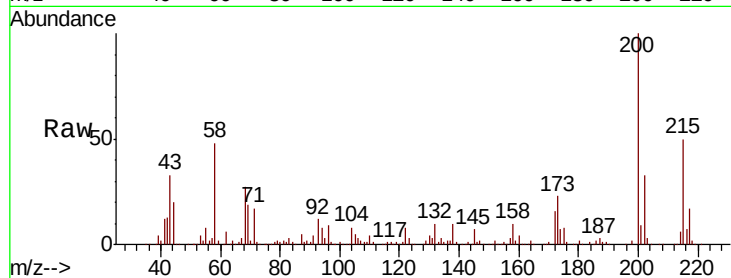




#69
 Atrazine
 Concen: 54.589 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	2.5	42.5
215	49.9	31.0	71.0

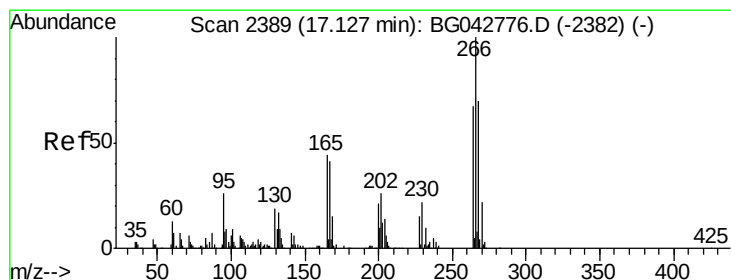
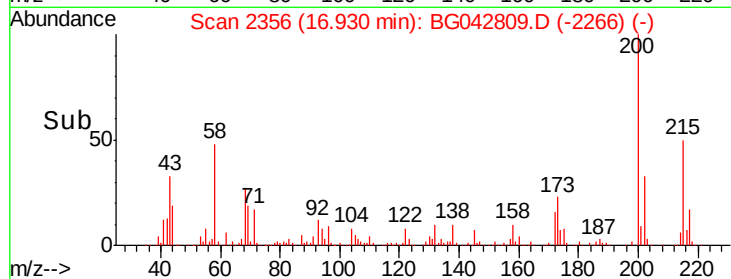
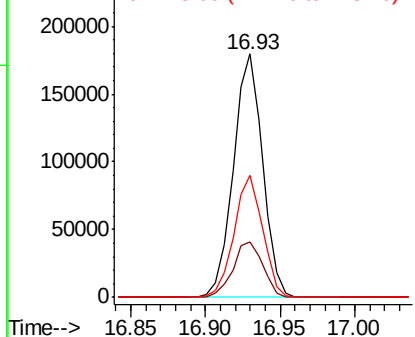


Abundance

Ion 200.00 (199.70 to 200.70): E

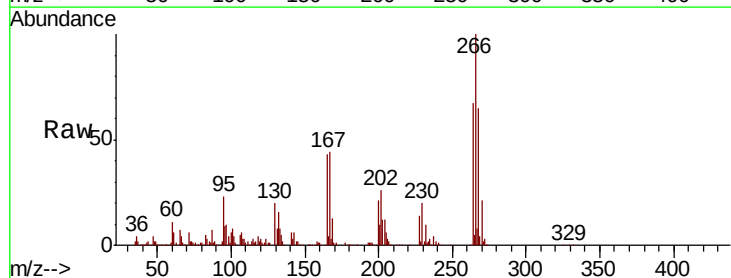
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 66.466 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	56.2	84.4
264	67.0	53.4	80.2

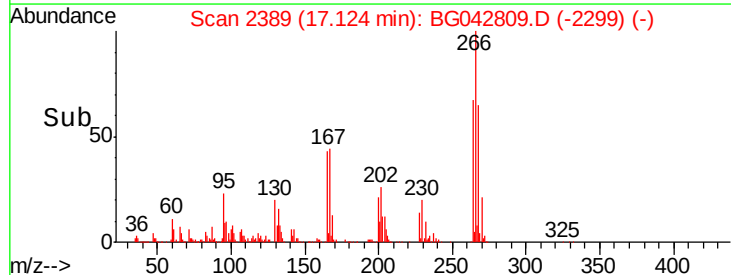
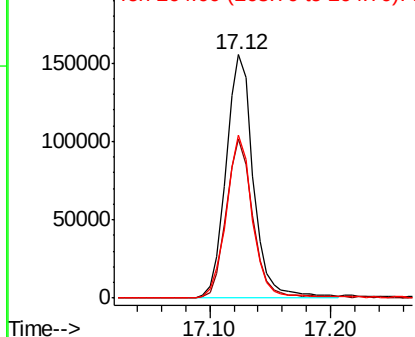


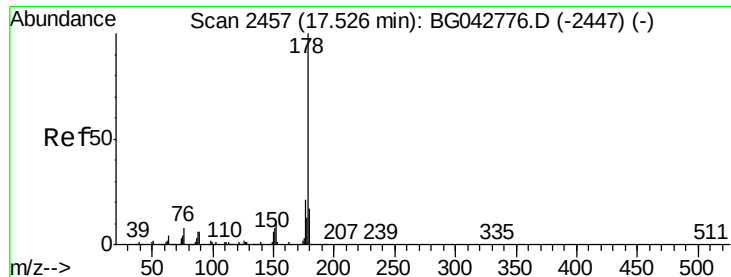
Abundance

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: 48.446 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampled :

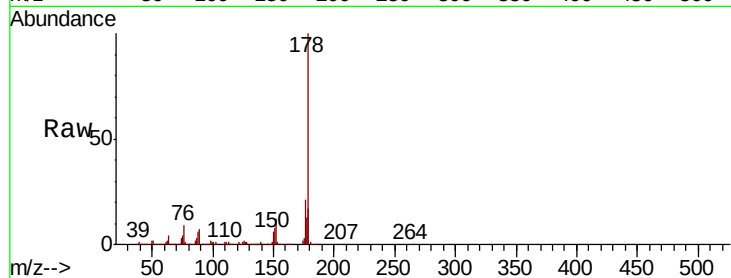
Tot Ion:178 Resp: 1111884

Ion Ratio Lower Upper

178 100

176 21.2 17.0 25.4

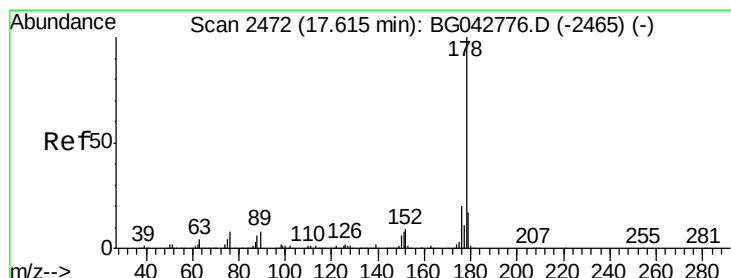
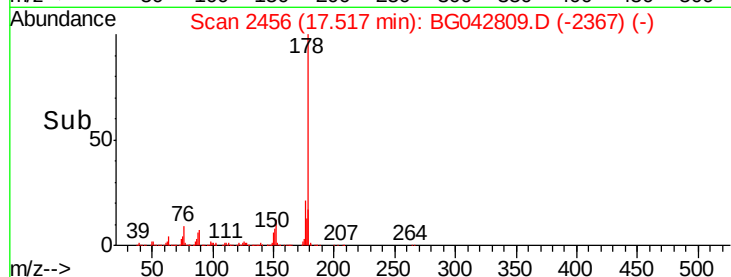
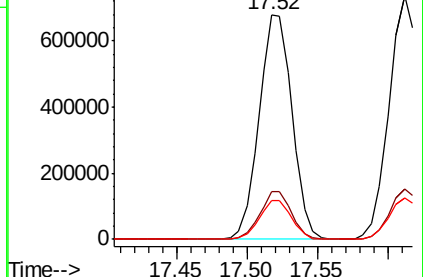
179 17.5 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.127 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

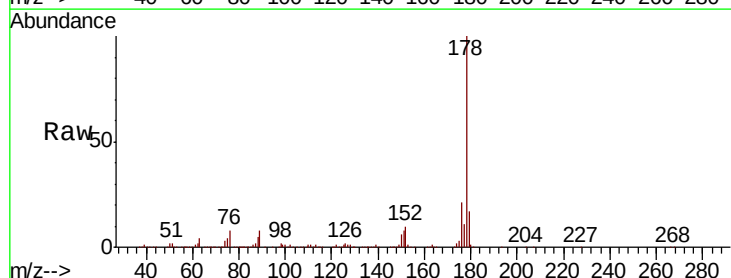
Tgt Ion:178 Resp: 1126447

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

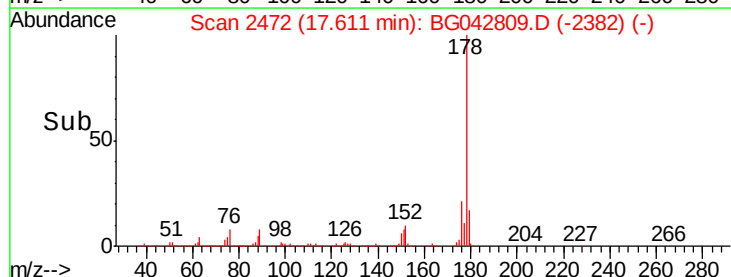
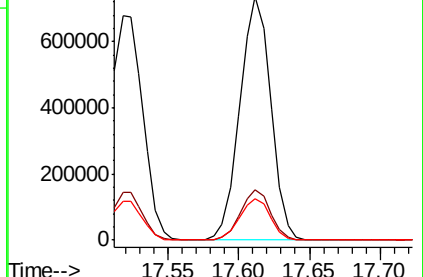
179 17.0 13.6 20.4

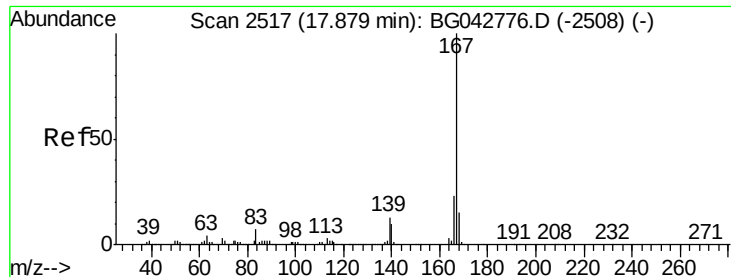


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 49.413 ng

RT: 17.87 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampled :

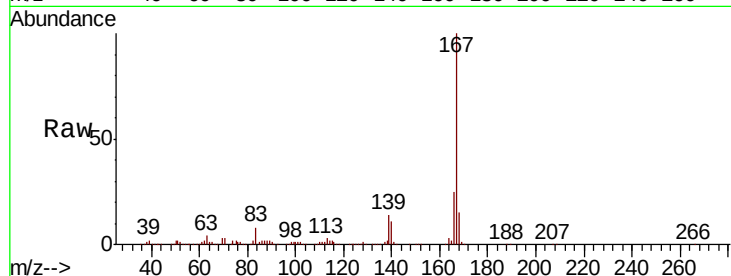
Tot Ion:167 Resp: 1076872

Ion Ratio Lower Upper

167 100

166 24.5 18.3 27.5

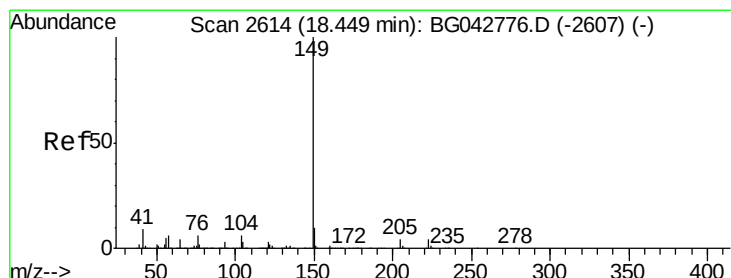
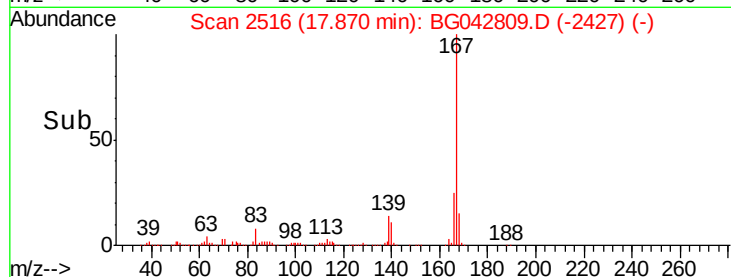
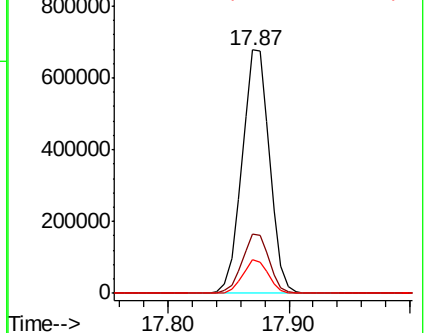
139 13.8 10.2 15.4



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: 47.053 ng

RT: 18.44 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

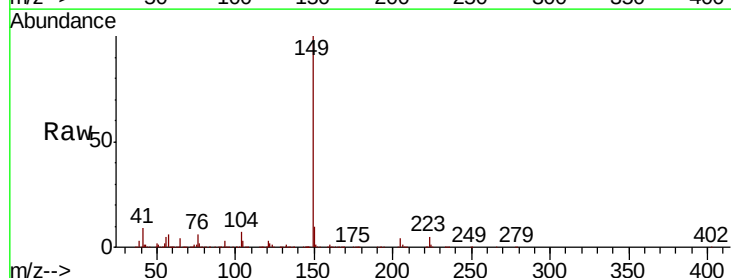
Tgt Ion:149 Resp: 1228362

Ion Ratio Lower Upper

149 100

150 10.1 8.0 12.0

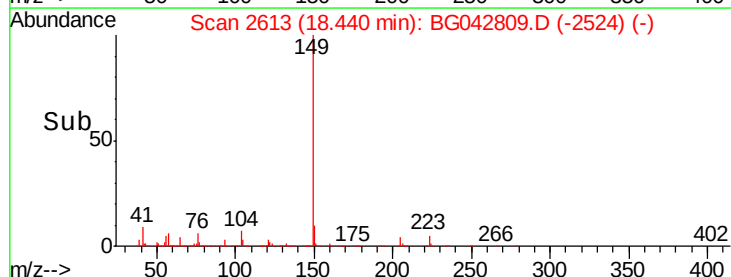
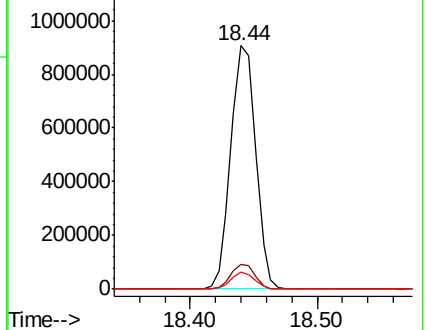
104 6.8 5.1 7.7

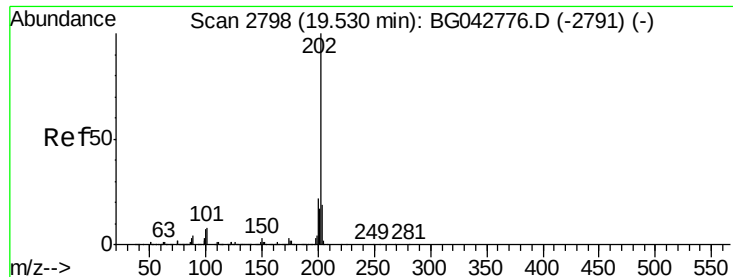


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.912 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

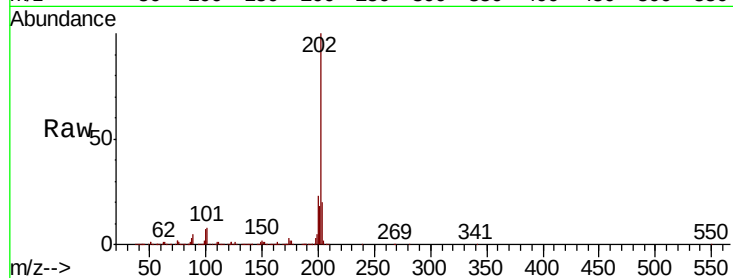
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1484627

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.8
203	19.7	0.0	39.1

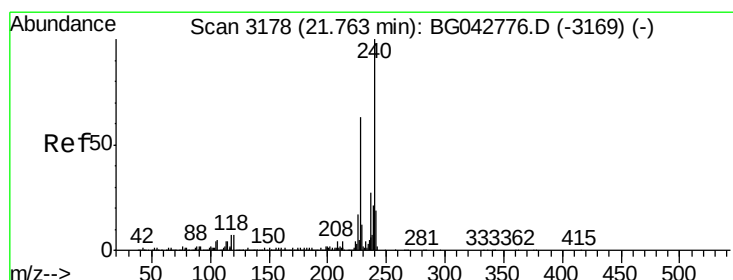
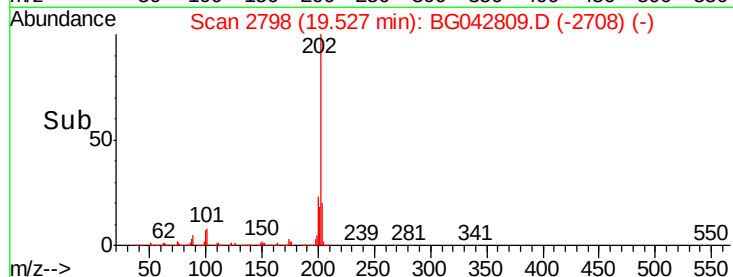
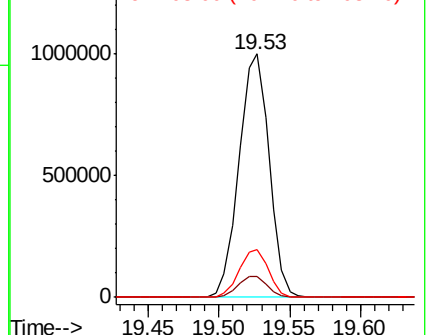


Abundance

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: 21.76 min Scan# 3178

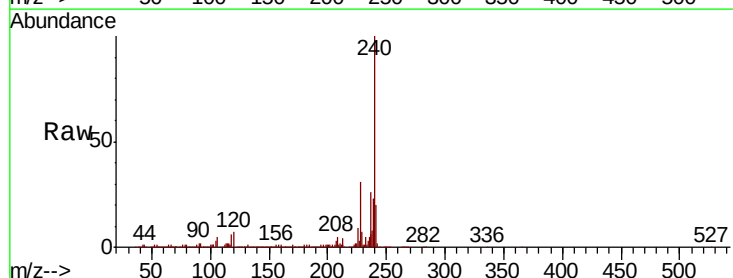
Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:240 Resp: 521596

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.4	8.2
236	26.4	21.7	32.5

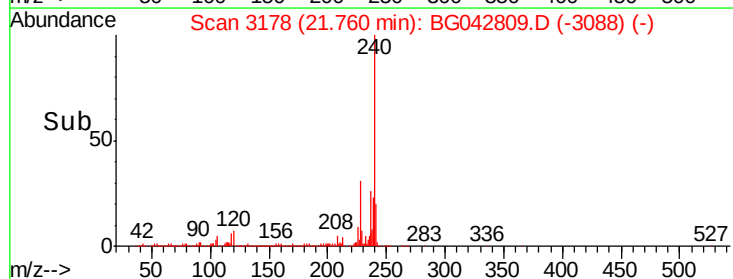
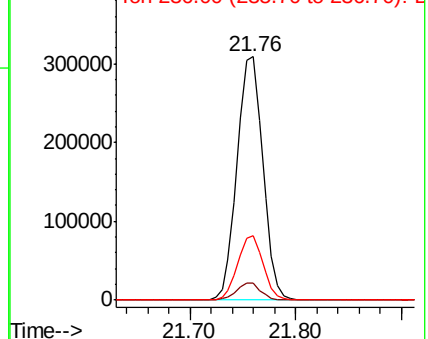


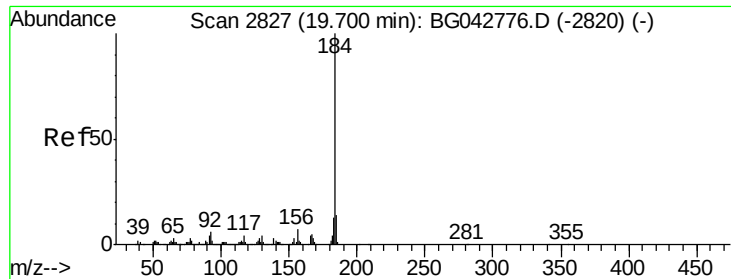
Abundance

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: 40.875 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

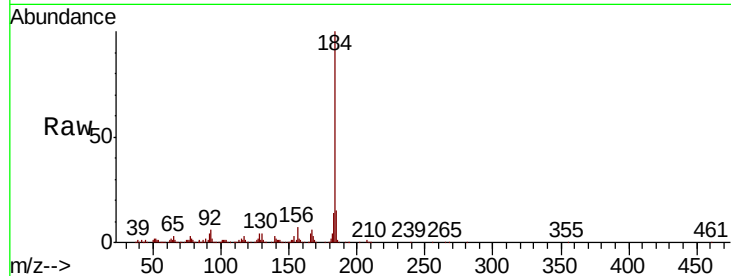
Tot Ion:184 Resp: 595662

Ion Ratio Lower Upper

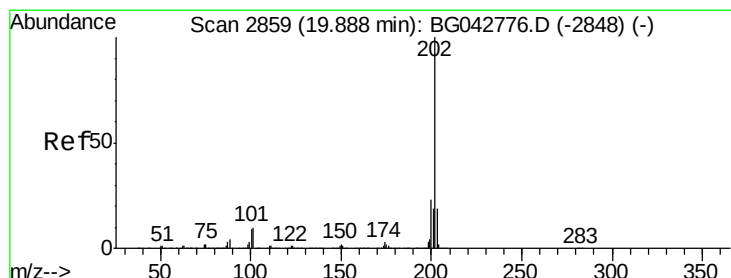
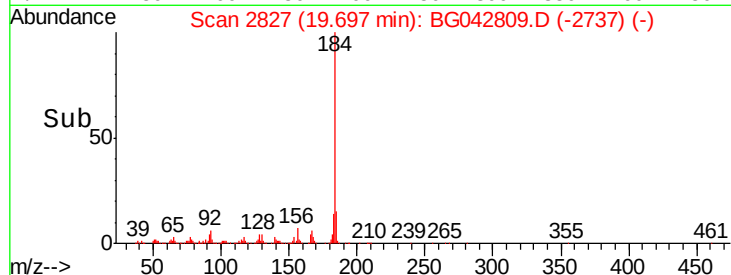
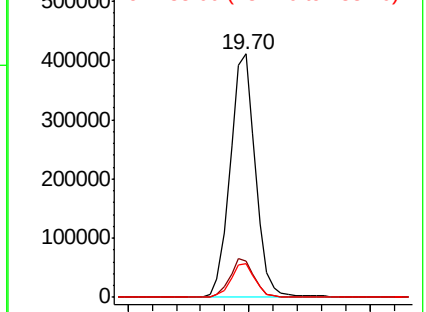
184 100

185 15.1 11.6 17.4

183 14.0 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.712 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

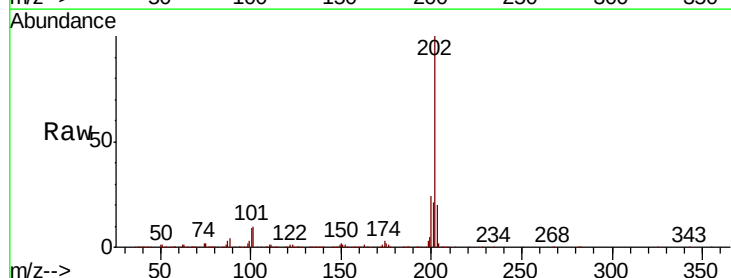
Tgt Ion:202 Resp: 1492743

Ion Ratio Lower Upper

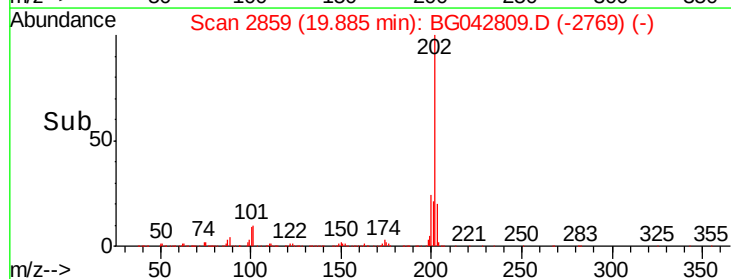
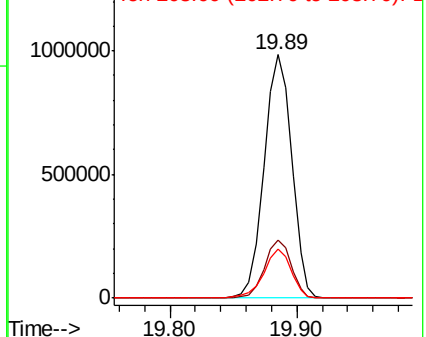
202 100

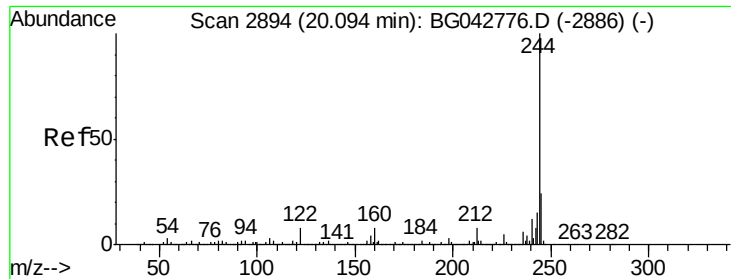
200 23.7 18.5 27.7

203 20.2 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.886 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

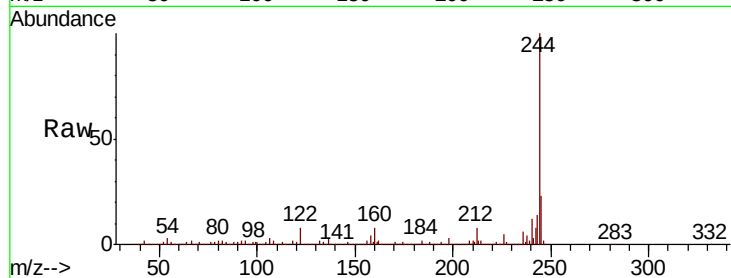
Tot Ion:244 Resp: 1880091

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

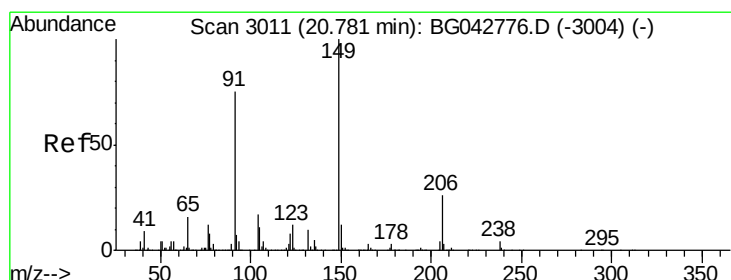
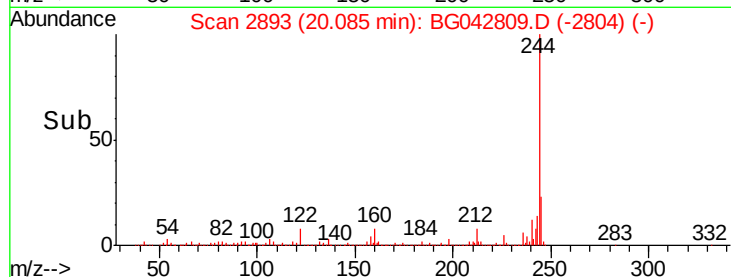
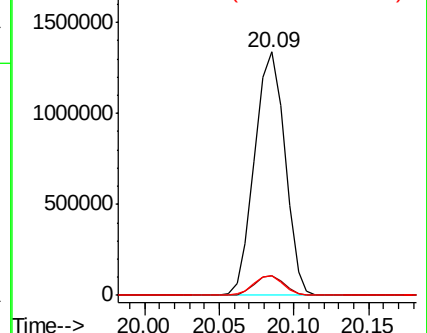
122 8.1 6.2 9.4



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: 46.298 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

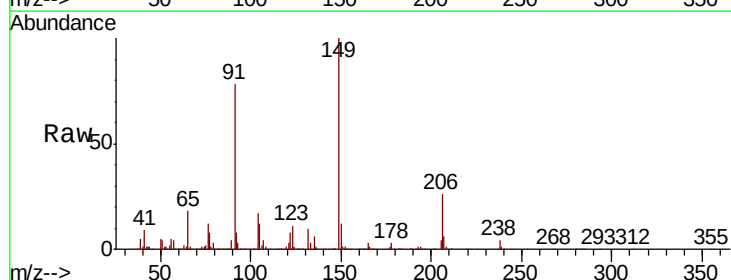
Tgt Ion:149 Resp: 611879

Ion Ratio Lower Upper

149 100

91 77.6 60.2 90.2

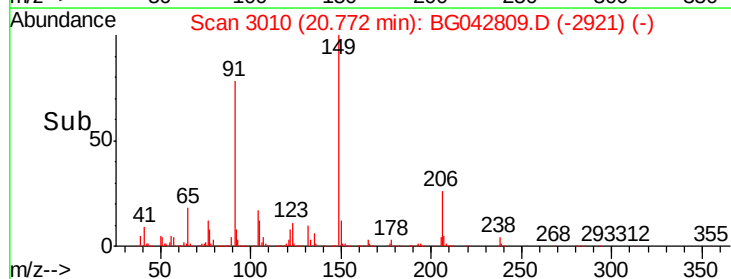
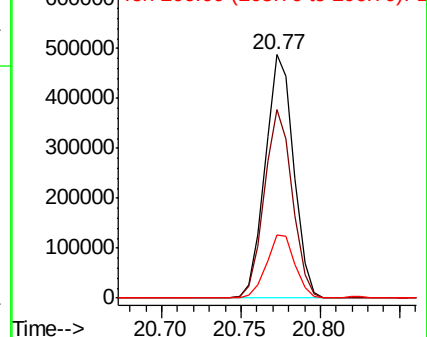
206 25.7 20.6 30.8

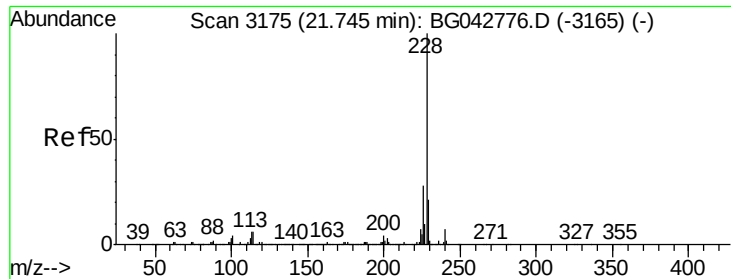


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

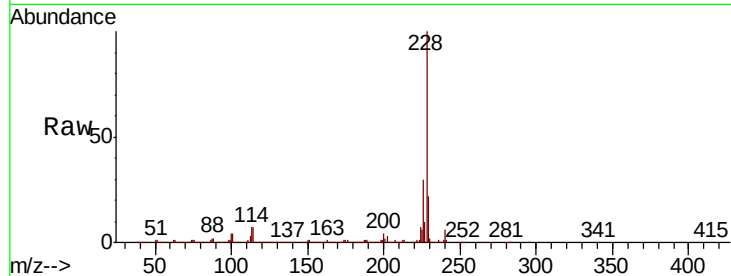




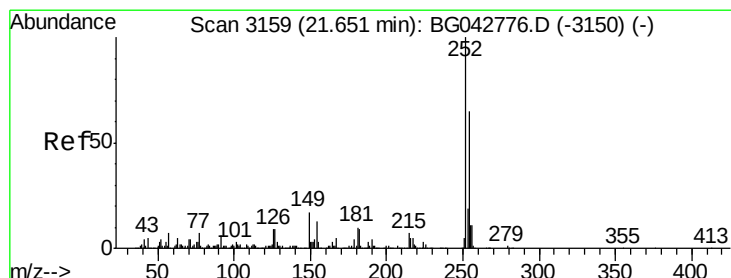
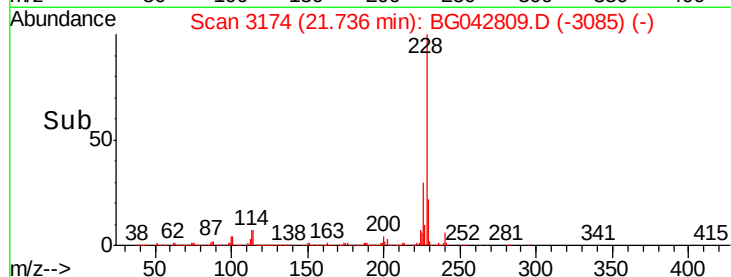
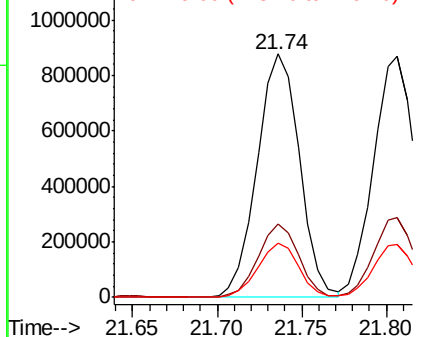
#81
Benzo(a)anthracene
Concen: 46.093 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1528613
Ion Ratio Lower Upper
228 100
226 30.0 22.5 33.7
229 22.2 17.2 25.8

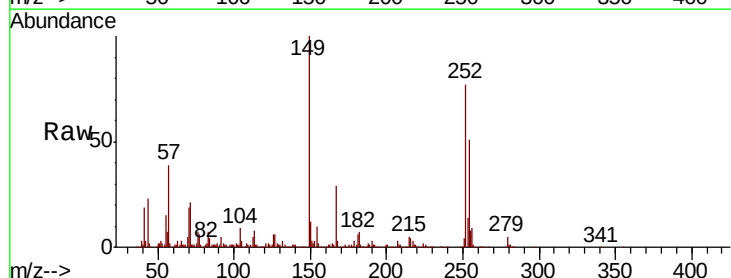


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

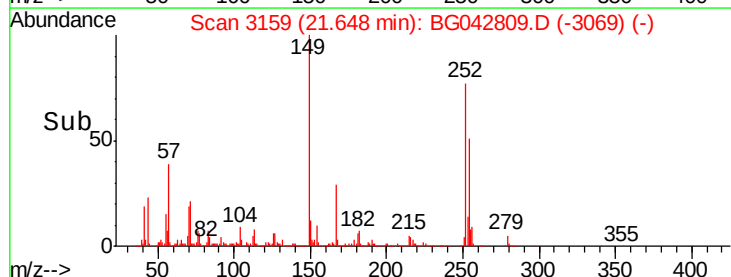
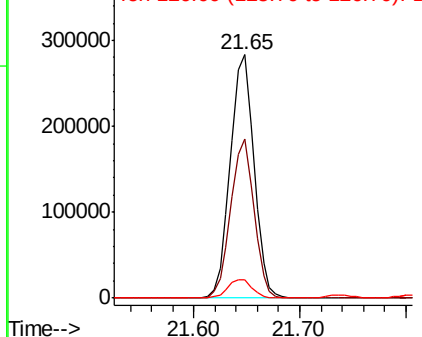


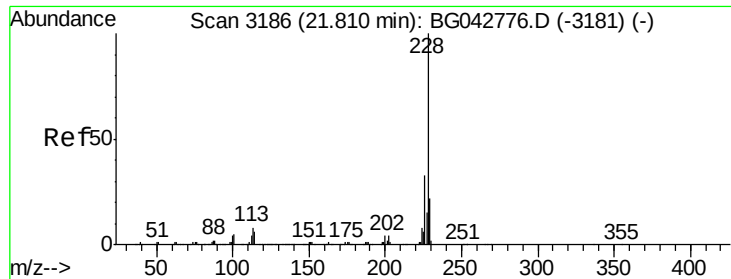
#82
3,3'-Dichlorobenzidine
Concen: 34.135 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion:252 Resp: 439929
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.2
126 7.5 7.0 10.4



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

Chrysene

Concen: 47.080 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

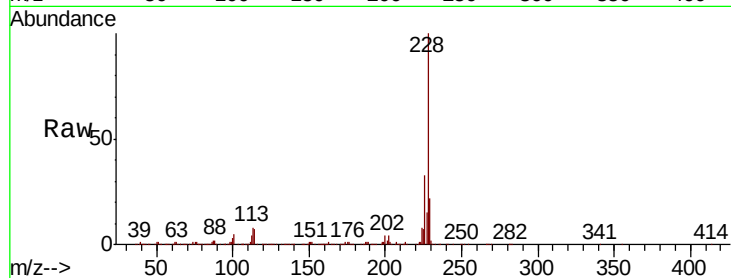
Tot Ion:228 Resp: 1478946

Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.0	39.0
229	22.0	17.1	25.7

228 100

226 33.1 26.0 39.0

229 22.0 17.1 25.7

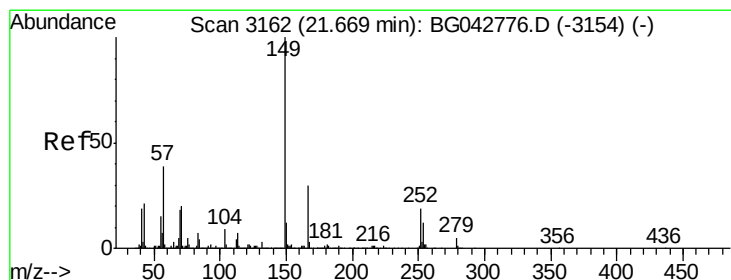
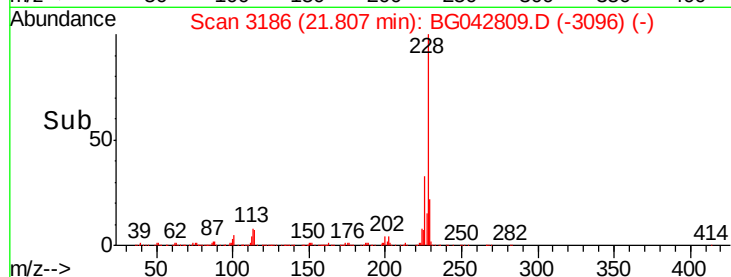
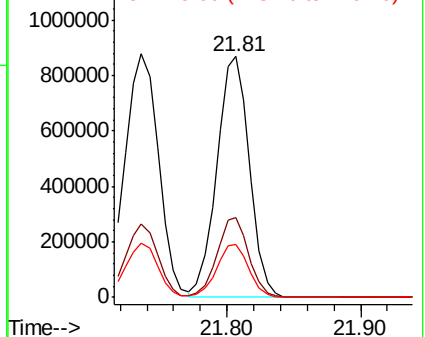


Abundance

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: 48.104 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

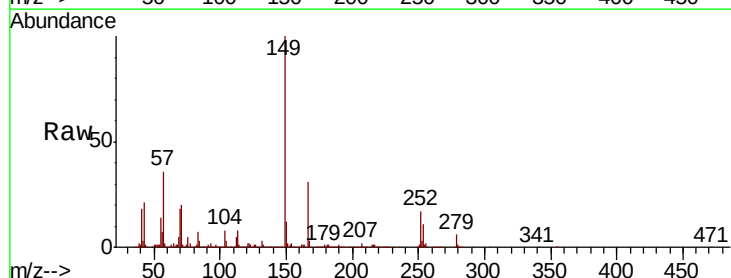
Tgt Ion:149 Resp: 868662

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	6.0	4.2	6.4

149 100

167 30.6 24.3 36.5

279 6.0 4.2 6.4

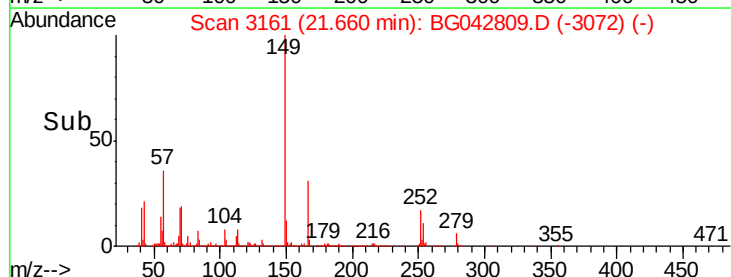
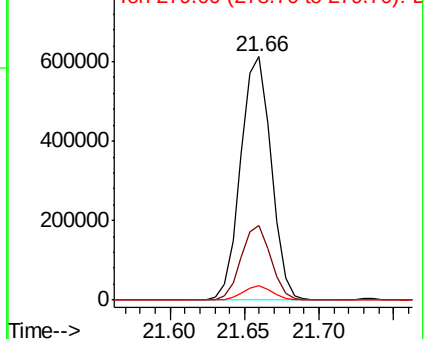


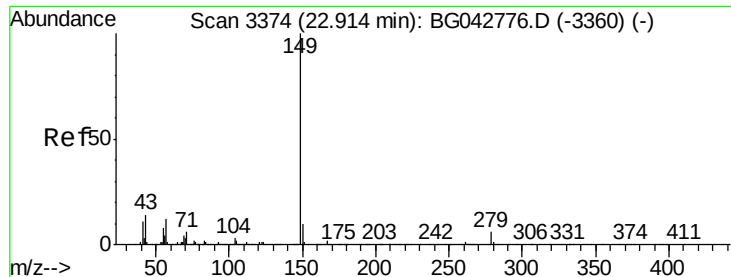
Abundance

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: 47.807 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampled :

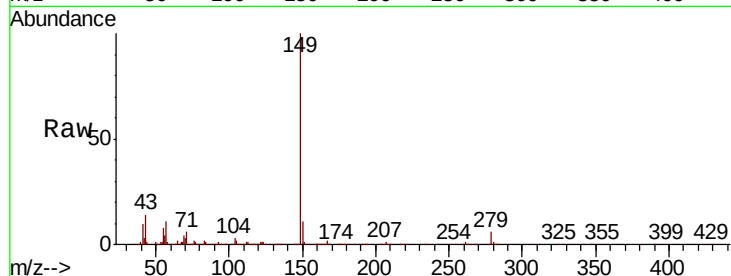
Tot Ion:149 Resp: 1471689

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

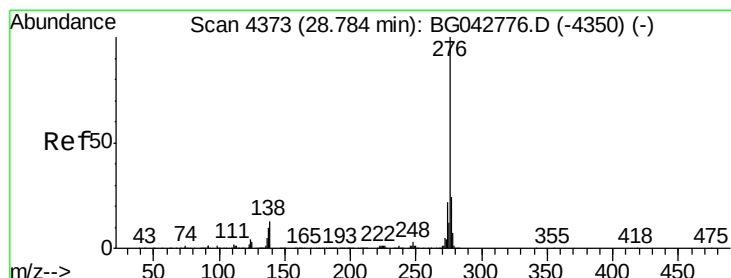
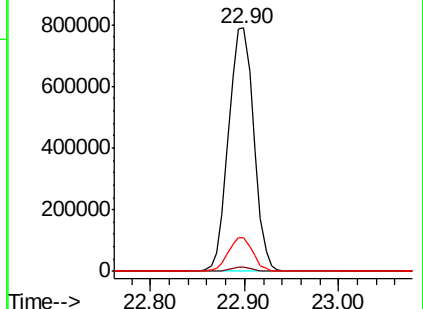
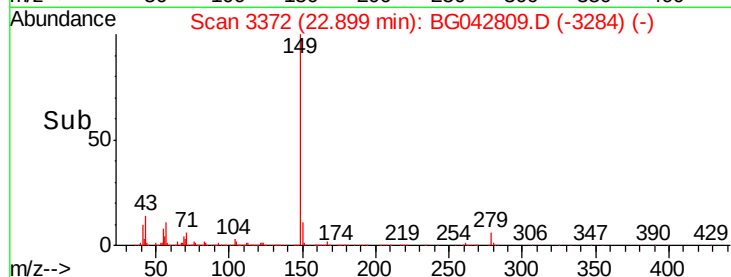
43 13.4 10.6 15.8



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: 48.285 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

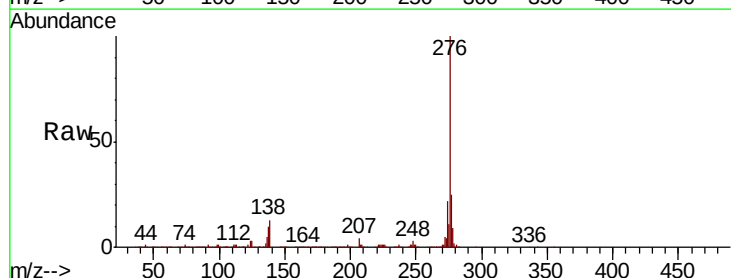
Tgt Ion:276 Resp: 1878365

Ion Ratio Lower Upper

276 100

138 10.8 9.3 13.9

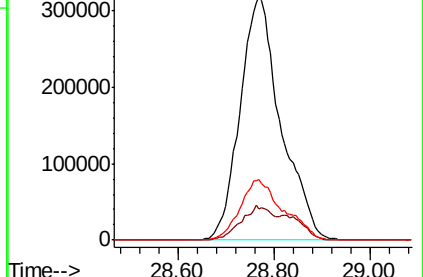
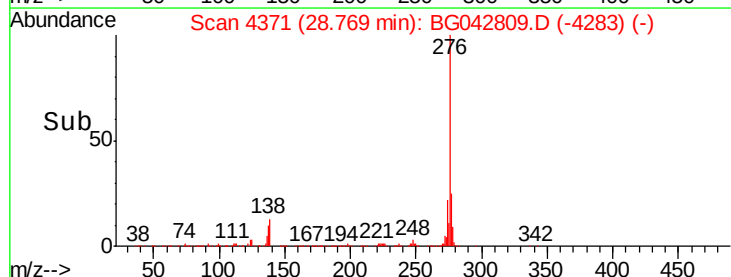
277 26.4 17.2 25.8#

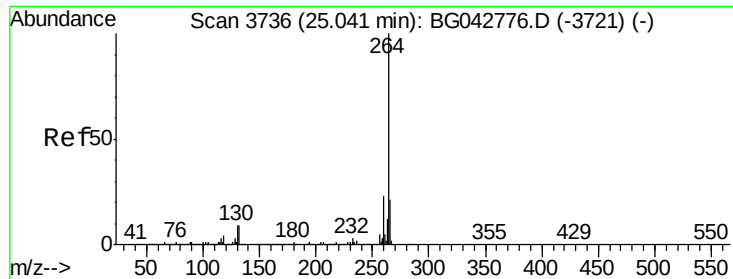


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

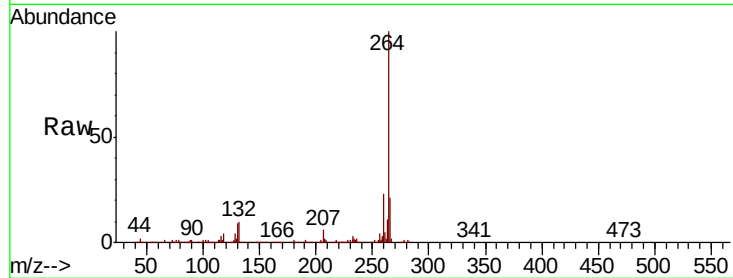
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 553010

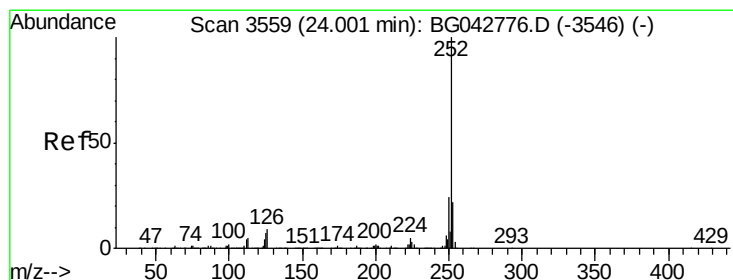
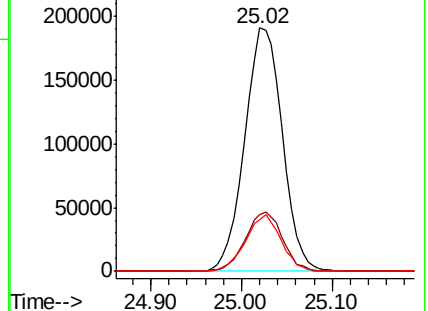
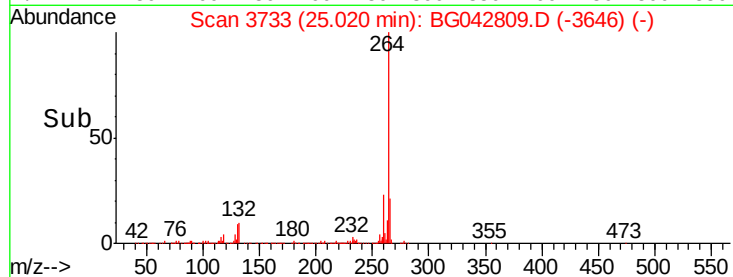
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.2	16.9	25.3



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: 50.945 ng

RT: 23.99 min Scan# 3558

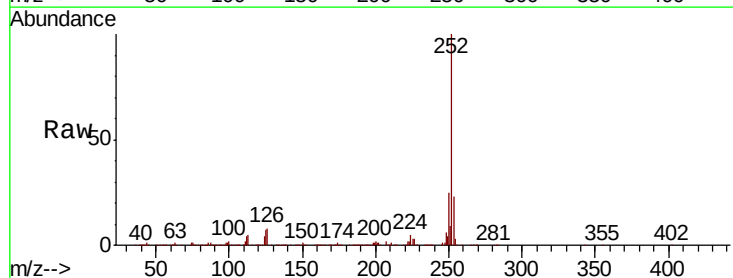
Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:252 Resp: 1654267

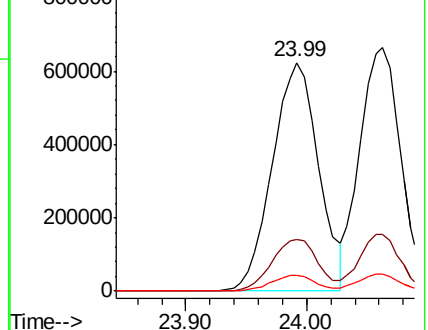
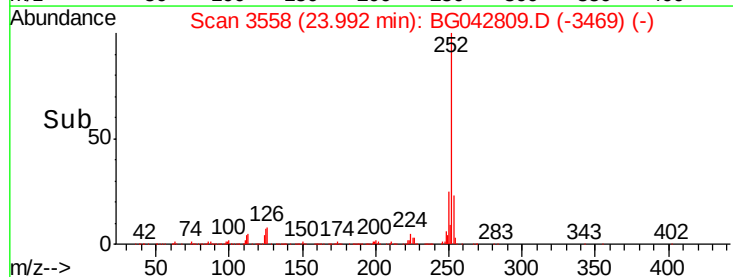
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	7.0	5.6	8.4

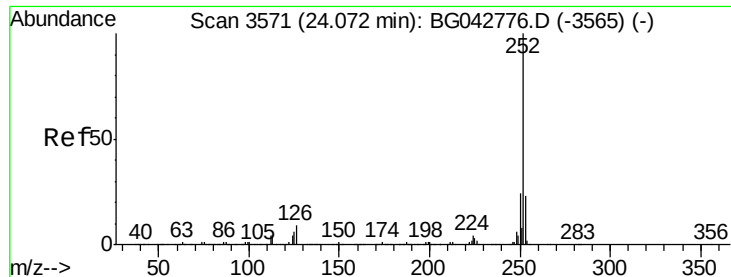


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

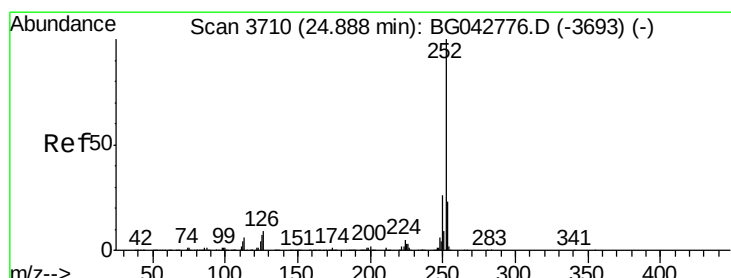
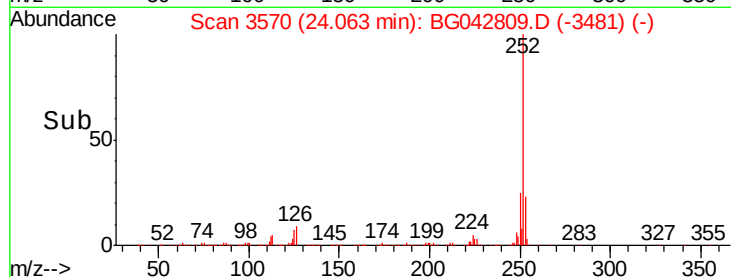
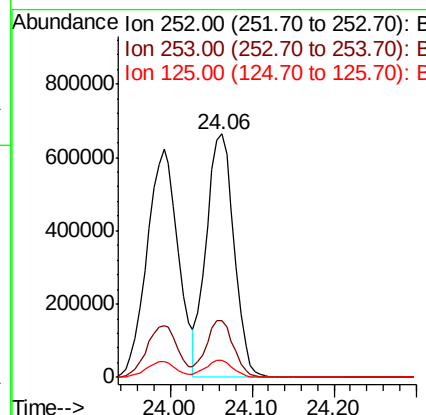
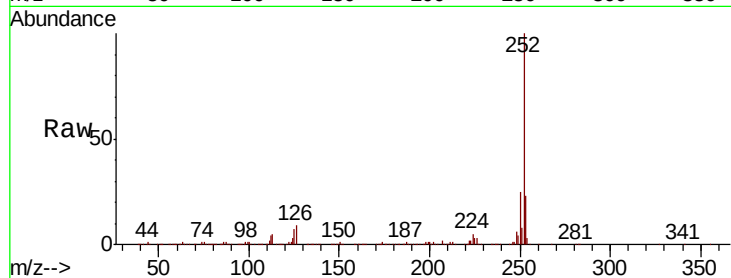




#89
Benzo(k)fluoranthene
Concen: 51.020 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

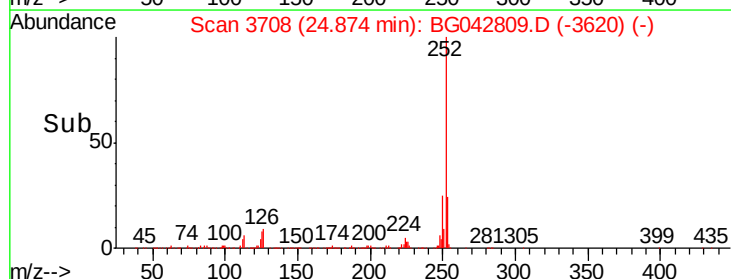
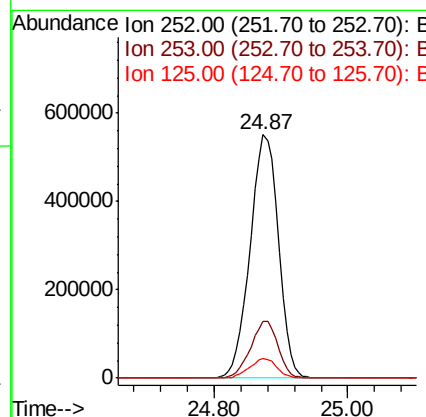
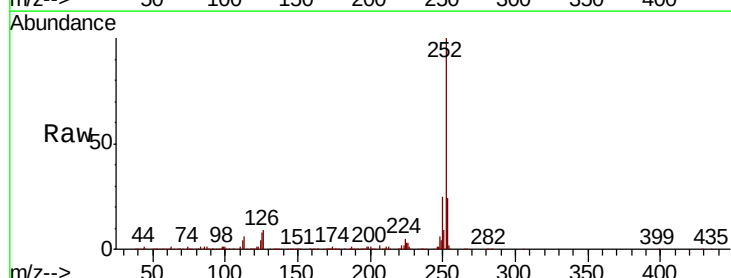
Instrument :
BNA_G
ClientSampled :

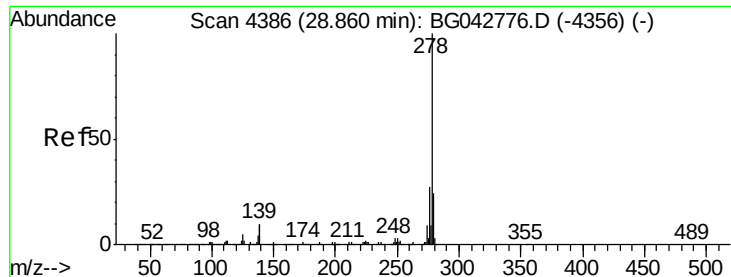
Tot Ion:252 Resp: 1564959
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 7.0 5.3 7.9



#90
Benzo(a)pyrene
Concen: 52.626 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion:252 Resp: 1600085
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 7.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 51.899 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

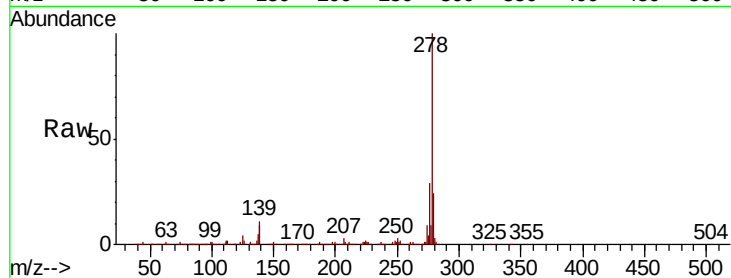
Tot Ion:278 Resp: 1552018

Ion Ratio Lower Upper

278 100

139 11.3 8.2 12.2

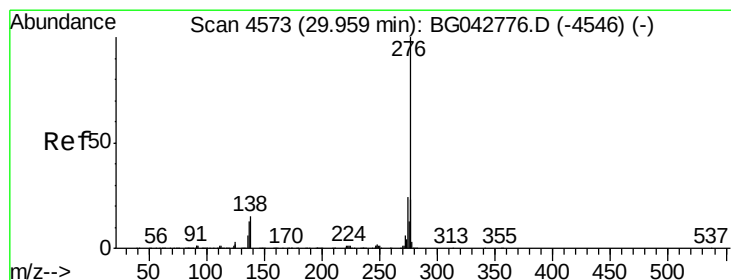
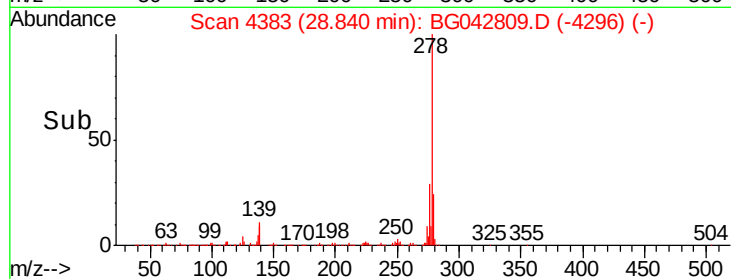
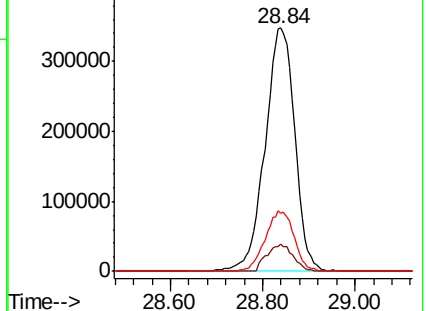
279 24.1 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.480 ng

RT: 29.94 min Scan# 4571

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

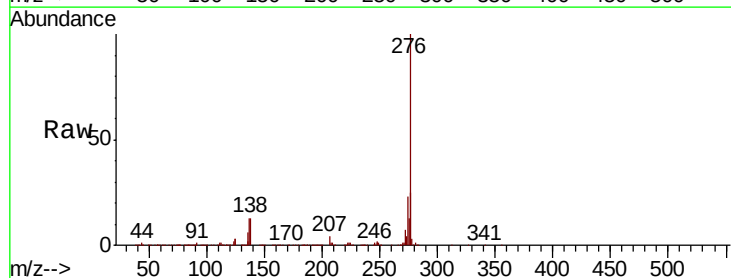
Tgt Ion:276 Resp: 1530806

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 13.5 11.8 17.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

