

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082219\
 Data File : BG042403.D
 Acq On : 22 Aug 2019 16:23
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

Quant Time: Aug 22 17:01:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47870	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	200401	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	150191	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	356236	20.00	ng	0.00
76) Chrysene-d12	21.69	240	355807	20.00	ng	0.00
87) Perylene-d12	24.94	264	433116	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	195305	82.63	ng	0.00
7) Phenol-d6	7.17	99	262678	82.27	ng	0.00
23) Nitrobenzene-d5	9.17	82	236009	81.38	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	178708	83.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	752370	84.72	ng	0.00
79) Terphenyl-d14	20.03	244	1355991	82.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	41894	42.472	ng	98
3) Pyridine	3.83	79	108392	42.855	ng	97
4) n-Nitrosodimethylamine	3.74	42	36449	40.347	ng	92
6) Aniline	7.32	93	175680	41.255	ng	98
8) 2-Chlorophenol	7.57	128	117559	41.040	ng	99
9) Benzaldehyde	7.14	77	60202	37.664	ng	99
10) Phenol	7.19	94	132358	40.774	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	104097	40.832	ng	96
12) 1,3-Dichlorobenzene	7.89	146	148202	40.670	ng	98
13) 1,4-Dichlorobenzene	8.04	146	150163	40.682	ng	98
14) 1,2-Dichlorobenzene	8.36	146	144653	40.922	ng	99
15) Benzyl Alcohol	8.25	79	92857	40.426	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	139070	40.247	ng	99
17) 2-Methylphenol	8.45	107	95466	39.928	ng	97
18) Hexachloroethane	9.10	117	51441	40.709	ng	93
19) n-Nitroso-di-n-propylamine	8.82	70	83099	40.175	ng	96
20) 3+4-Methylphenols	8.79	107	134457	40.640	ng	99
22) Acetophenone	8.83	105	175386	40.918	ng	# 99
24) Nitrobenzene	9.22	77	119455	40.677	ng	99
25) Isophorone	9.74	82	233131	40.734	ng	98
26) 2-Nitrophenol	9.93	139	74399	40.428	ng	98
27) 2,4-Dimethylphenol	10.00	122	103194	40.707	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	147879	40.995	ng	98
29) 2,4-Dichlorophenol	10.48	162	137345	41.410	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	166005	40.777	ng	96
31) Naphthalene	10.88	128	385884	41.475	ng	98
32) Benzoic acid	10.13	122	64793	37.393	ng	97
33) 4-Chloroaniline	10.98	127	178075	41.461	ng	98
34) Hexachlorobutadiene	11.17	225	112465	41.106	ng	99
35) Caprolactam	11.75	113	45207	40.848	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	129939	41.270	ng	97
37) 2-Methylnaphthalene	12.49	142	307015	41.095	ng	98
38) 1-Methylnaphthalene	12.71	142	293512	41.362	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	197600	40.969	ng	100

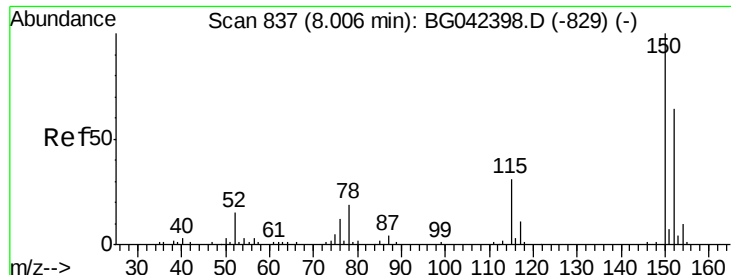
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082219\
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 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	99778	39.383	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	134631	41.296	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	138160	40.895	ng	95
46) 1,1'-Biphenyl	13.49	154	404800	41.696	ng	99
47) 2-Chloronaphthalene	13.54	162	349753	41.780	ng	99
48) 2-Nitroaniline	13.74	65	82762	40.998	ng	98
49) Acenaphthylene	14.39	152	534519	42.442	ng	99
50) Dimethylphthalate	14.12	163	457955	42.259	ng	100
51) 2,6-Dinitrotoluene	14.23	165	104301	41.523	ng	97
52) Acenaphthene	14.73	154	319346	41.758	ng	99
53) 3-Nitroaniline	14.57	138	106549	42.414	ng	97
54) 2,4-Dinitrophenol	14.78	184	62582	40.328	ng	95
55) Dibenzofuran	15.06	168	534044	42.188	ng	100
56) 4-Nitrophenol	14.89	139	76813	43.031	ng	97
57) 2,4-Dinitrotoluene	15.03	165	151716	42.179	ng	98
58) Fluorene	15.71	166	436581	42.191	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	137335	41.106	ng	99
60) Diethylphthalate	15.48	149	445435	42.048	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	258466	41.435	ng	99
62) 4-Nitroaniline	15.73	138	111427	41.444	ng	99
63) Azobenzene	16.00	77	302488	41.671	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91384	40.916	ng	98
66) n-Nitrosodiphenylamine	15.92	169	397416	40.566	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	183050	40.510	ng	98
68) Hexachlorobenzene	16.73	284	199816	40.678	ng	98
69) Atrazine	16.87	200	129090	37.262	ng	98
70) Pentachlorophenol	17.07	266	104029	40.760	ng	99
71) Phenanthrene	17.46	178	741251	41.891	ng	99
72) Anthracene	17.55	178	742164	42.014	ng	100
73) Carbazole	17.82	167	657764	41.780	ng	99
74) Di-n-butylphthalate	18.38	149	780070	41.916	ng	100
75) Fluoranthene	19.47	202	918416	42.529	ng	99
77) Benzidine	19.65	184	408757	40.070	ng	99
78) Pyrene	19.83	202	924384	42.375	ng	99
80) Butylbenzylphthalate	20.71	149	357350	41.649	ng	100
81) Benzo(a)anthracene	21.68	228	897059	41.445	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	359326	41.278	ng	98
83) Chrysene	21.74	228	866004	41.487	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	494717	41.528	ng	99
85) Di-n-octyl phthalate	22.80	149	857282	41.841	ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1177838	41.521	ng	# 95
88) Benzo(b)fluoranthene	23.91	252	996815	41.863	ng	99
89) Benzo(k)fluoranthene	23.98	252	961219	41.997	ng	99
90) Benzo(a)pyrene	24.79	252	947705	41.944	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	955530	41.768	ng	99
92) Benzo(g,h,i)perylene	29.81	276	948042	41.434	ng	99

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

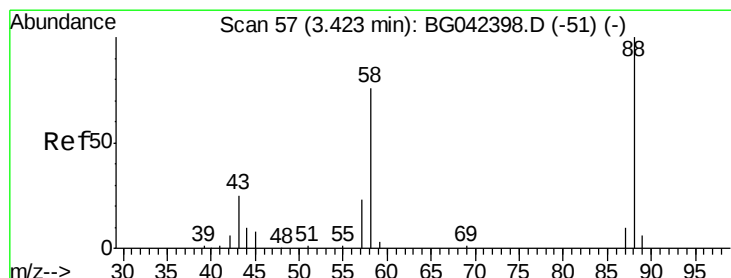
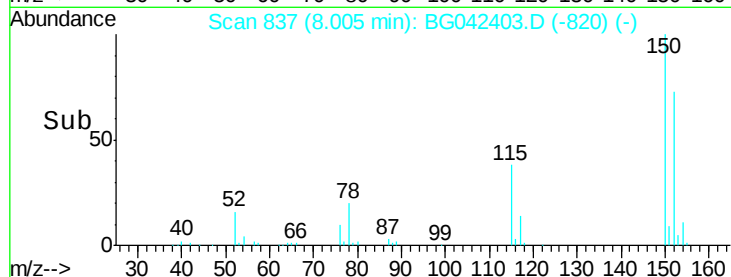
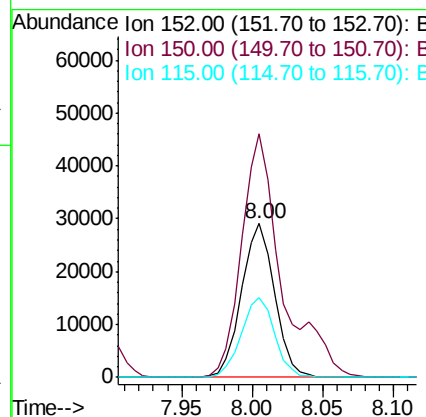
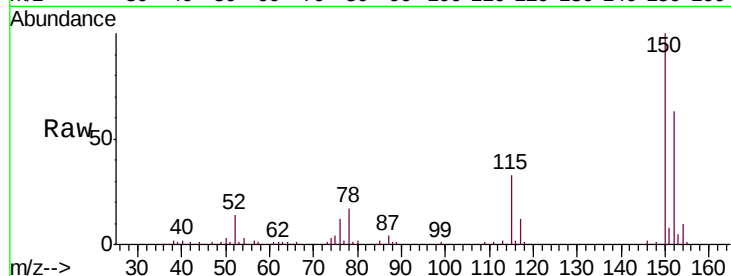


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

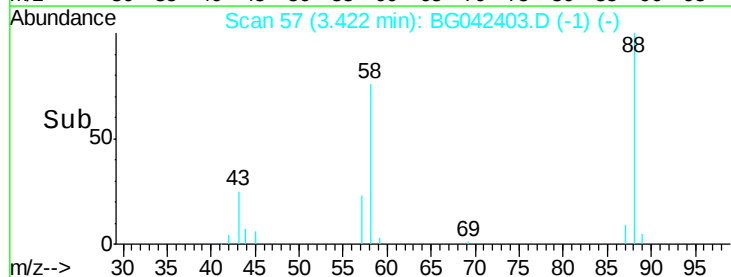
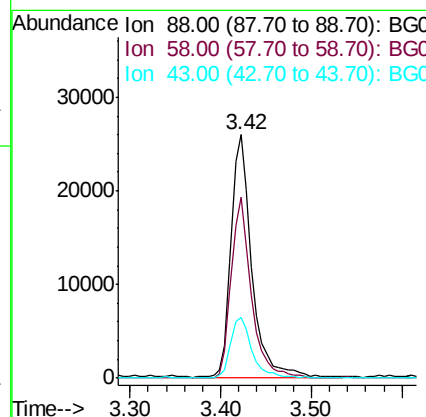
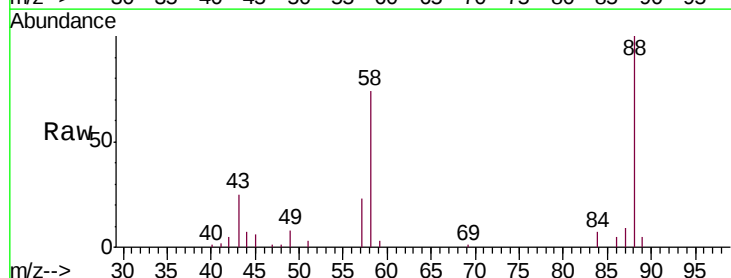
Tgt Ion:152 Resp: 47870
Ion Ratio Lower Upper
152 100
150 158.3 125.4 188.0
115 51.9 38.5 57.7

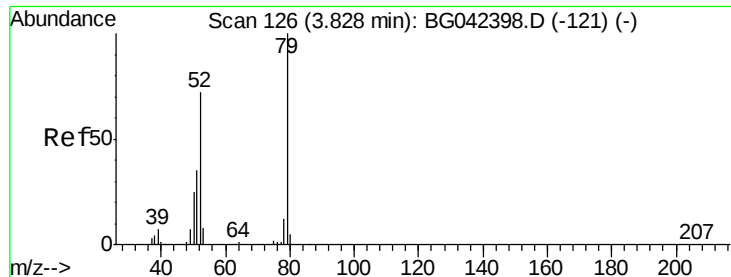


#2

1,4-Dioxane
Concen: 42.472 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion: 88 Resp: 41894
Ion Ratio Lower Upper
88 100
58 71.1 58.3 87.5
43 25.4 20.2 30.2





#3

Pyridine

Concen: 42.855 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

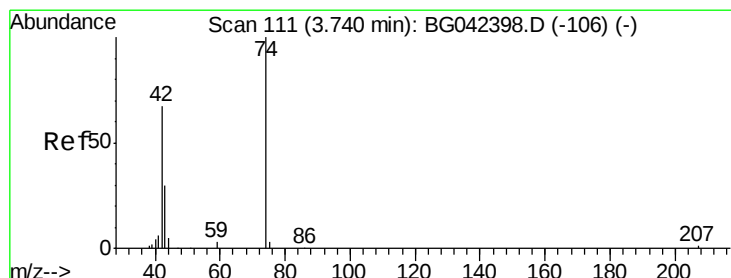
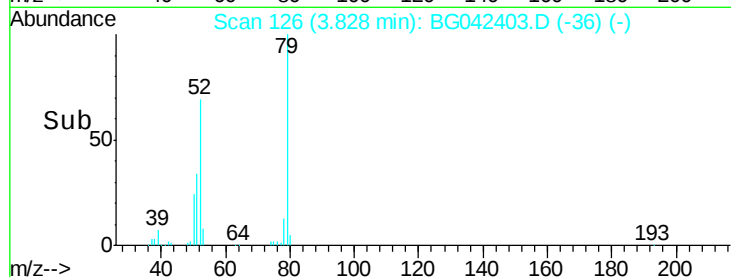
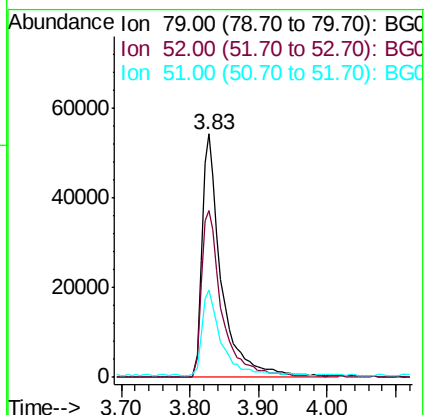
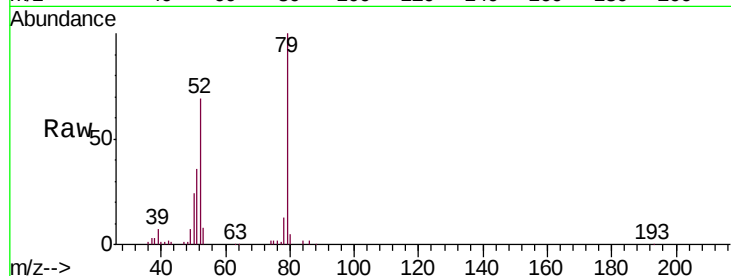
Tgt Ion: 79 Resp: 108392

Ion Ratio Lower Upper

79 100

52 68.8 57.7 86.5

51 36.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 40.347 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

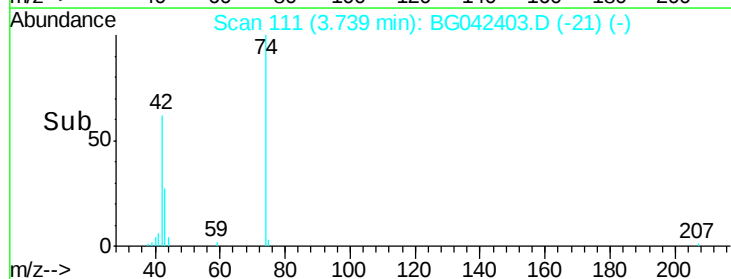
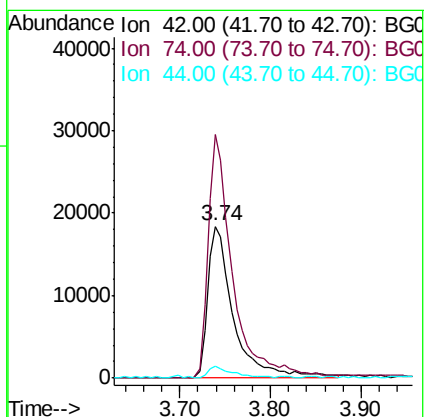
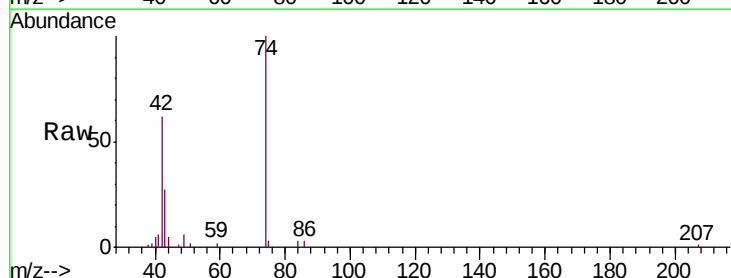
Tgt Ion: 42 Resp: 36449

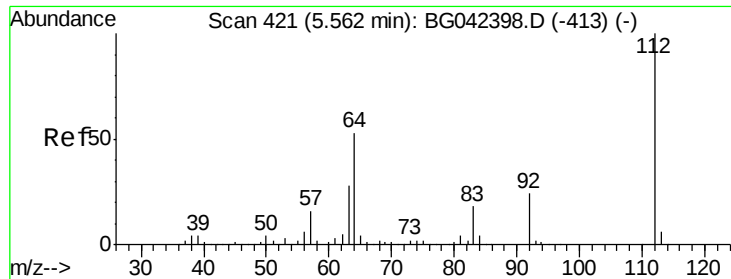
Ion Ratio Lower Upper

42 100

74 160.2 119.6 179.4

44 8.2 6.5 9.7





#5

2-Fluorophenol

Concen: 82.630 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

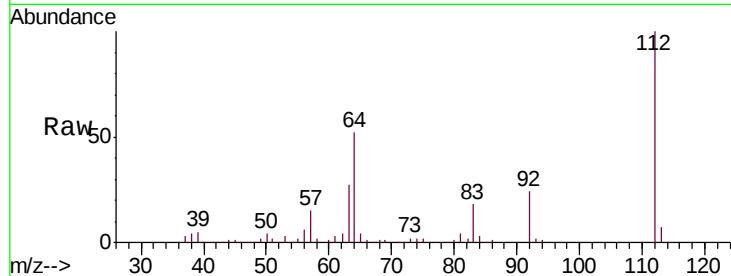
Tgt Ion: 112 Resp: 195305

Ion Ratio Lower Upper

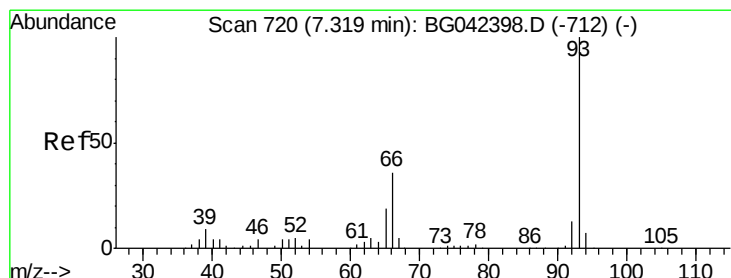
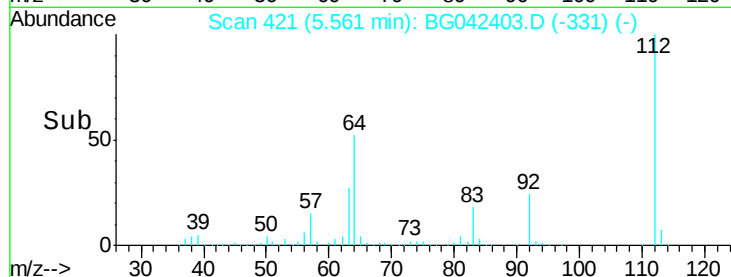
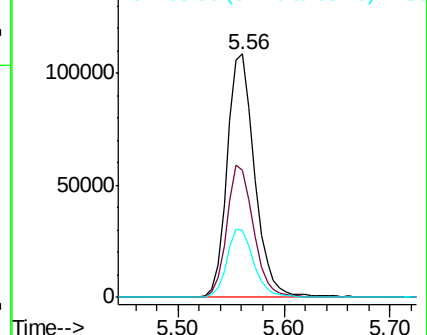
112 100

64 52.4 42.8 64.2

63 27.4 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.255 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

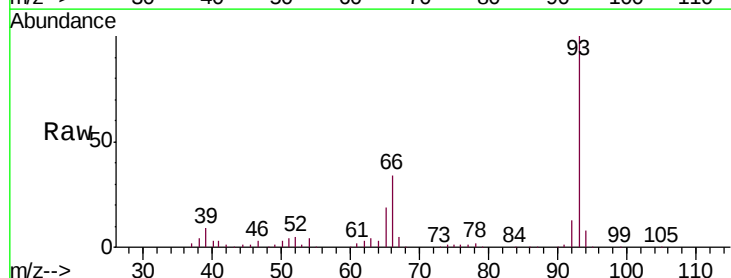
Tgt Ion: 93 Resp: 175680

Ion Ratio Lower Upper

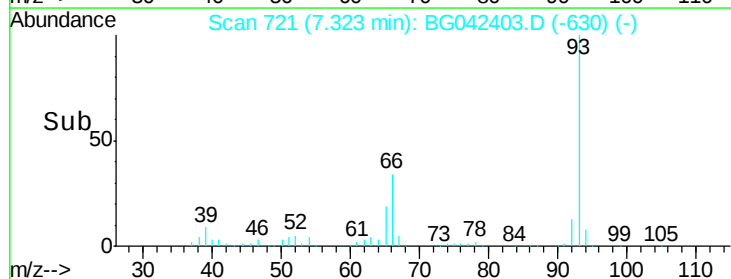
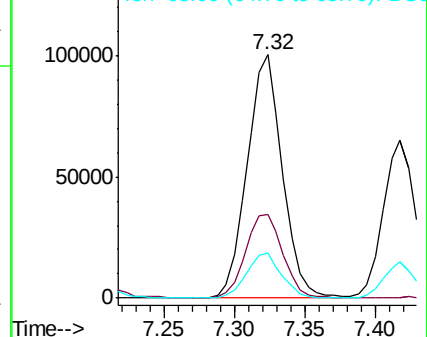
93 100

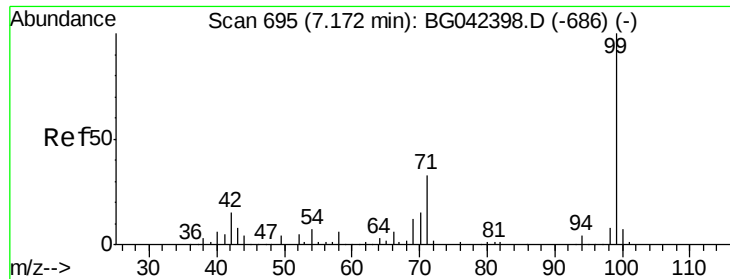
66 34.4 29.0 43.6

65 18.8 15.2 22.8



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: 82.274 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

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ClientSampleId :

ICVBG082219

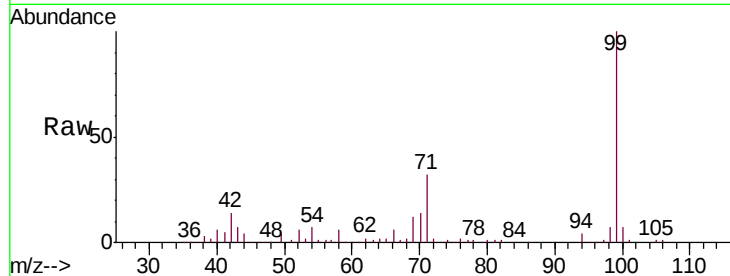
Tgt Ion: 99 Resp: 262678

Ion Ratio Lower Upper

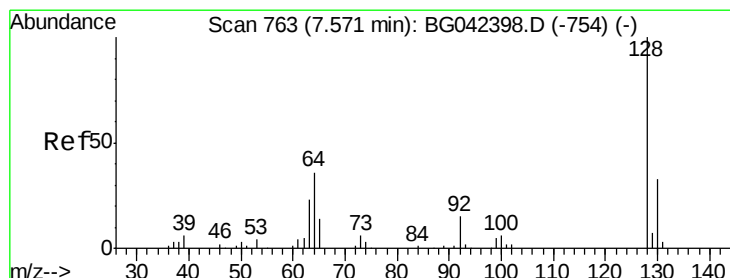
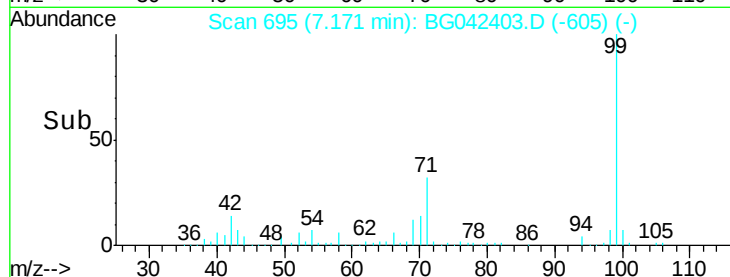
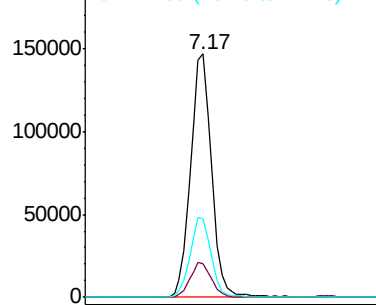
99 100

42 13.7 12.0 18.0

71 32.2 26.3 39.5



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: 41.040 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

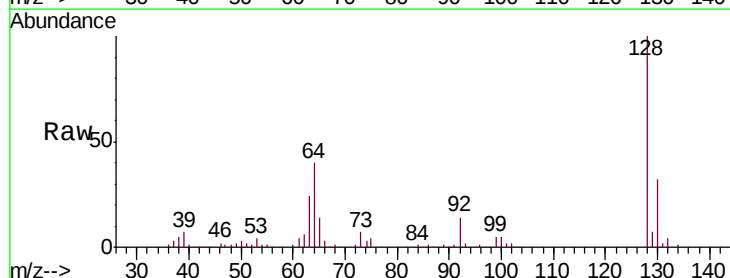
Tgt Ion: 128 Resp: 117559

Ion Ratio Lower Upper

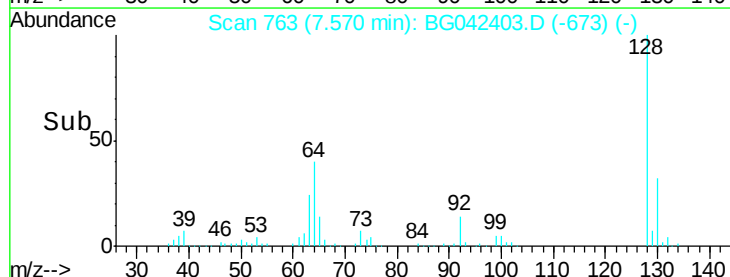
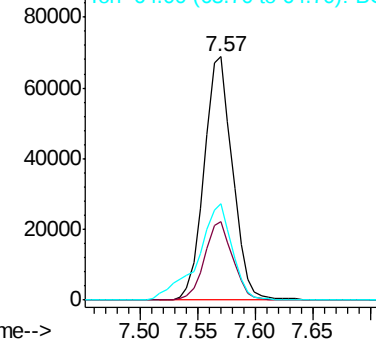
128 100

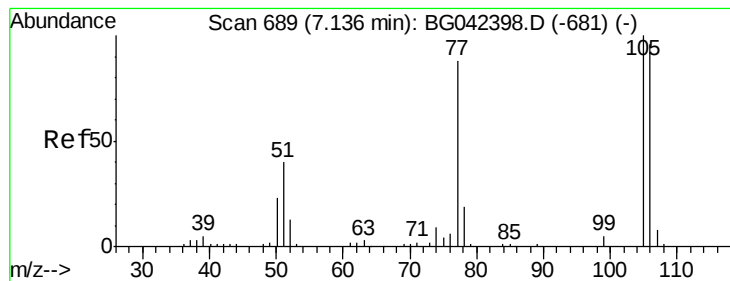
130 32.4 12.8 52.8

64 39.6 19.2 59.2



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: 37.664 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

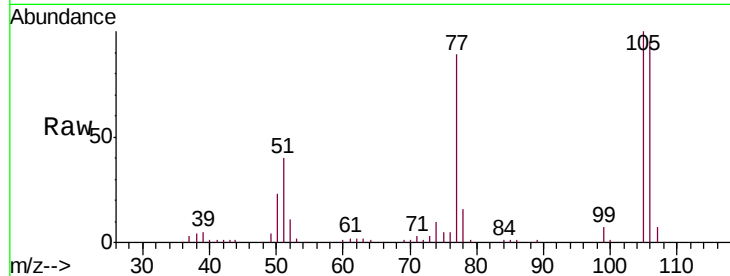
Tgt Ion: 77 Resp: 60202

Ion Ratio Lower Upper

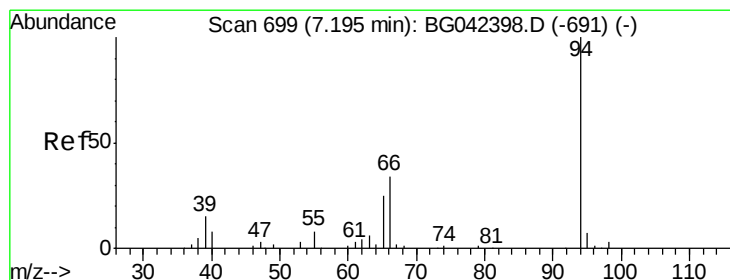
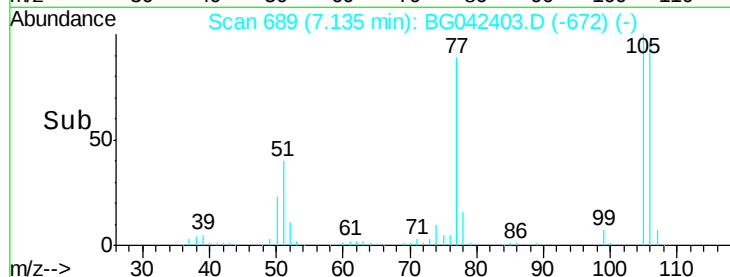
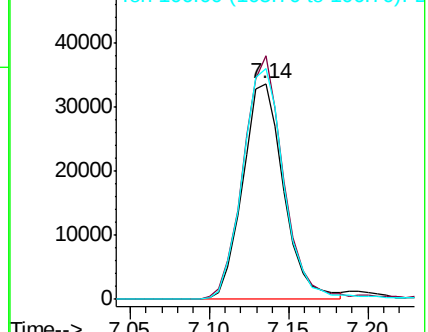
77 100

105 112.8 93.4 133.4

106 107.2 88.4 128.4



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: 40.774 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

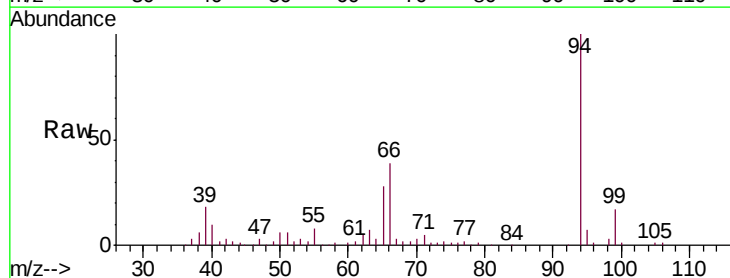
Tgt Ion: 94 Resp: 132358

Ion Ratio Lower Upper

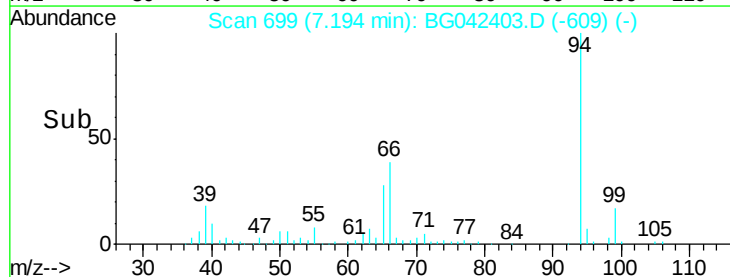
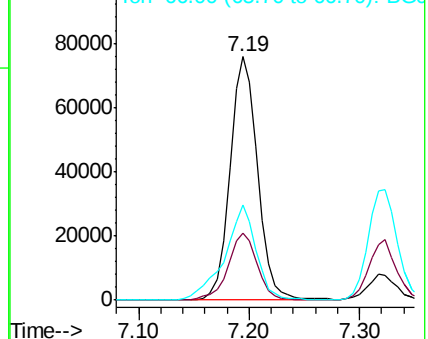
94 100

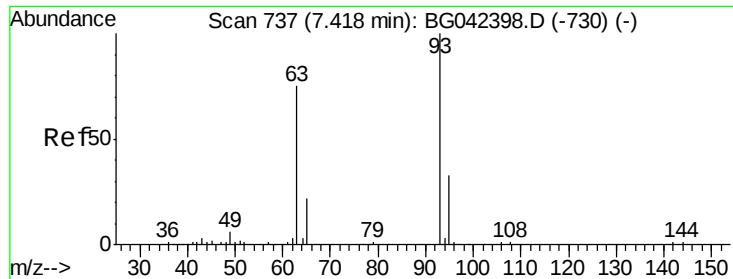
65 27.6 5.6 45.6

66 39.0 16.0 56.0



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

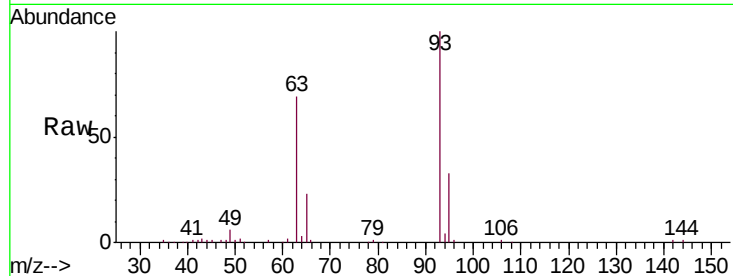




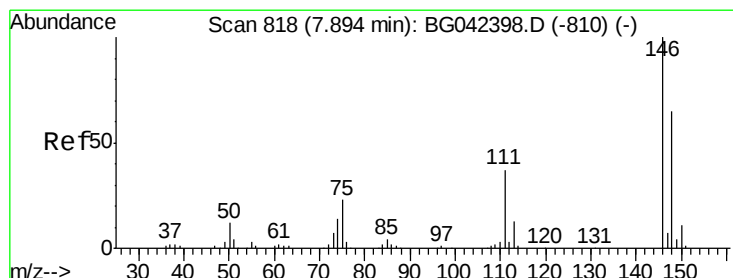
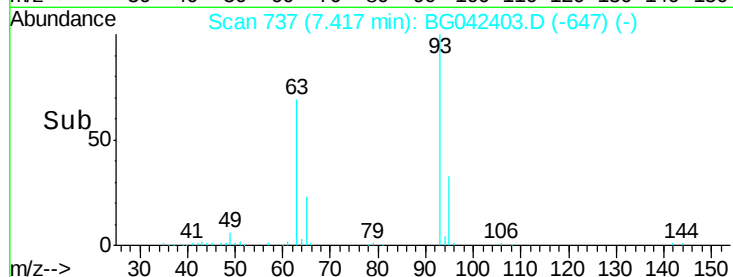
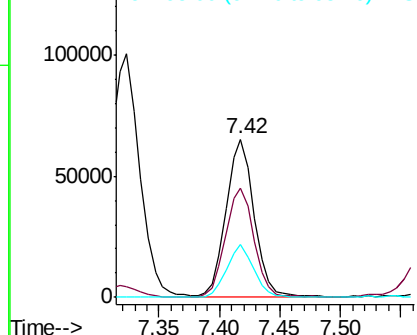
#11
bis(2-Chloroethyl)ether
Concen: 40.832 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.5	53.8	93.8
95	33.3	13.1	53.1

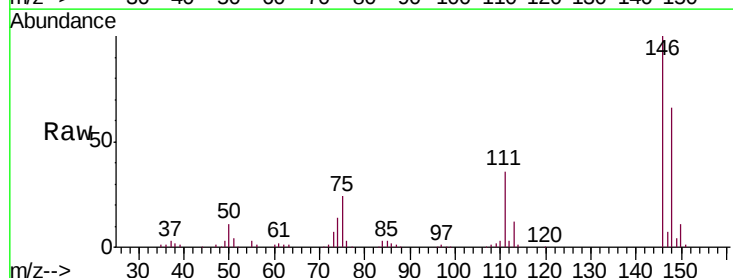


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

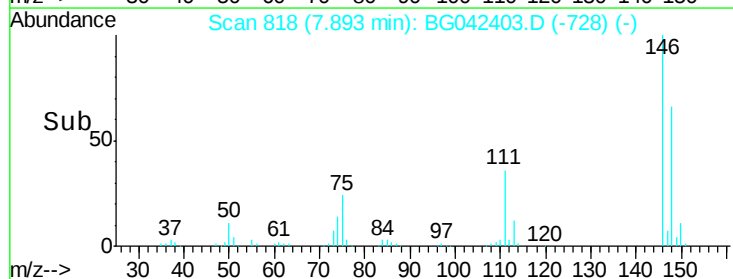
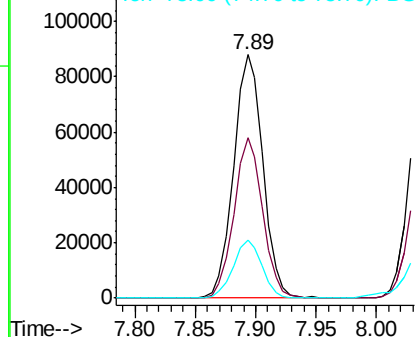


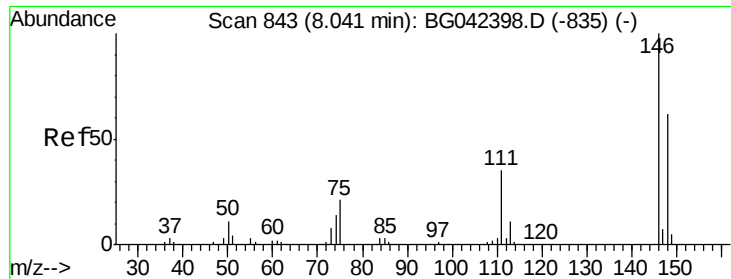
#12
1,3-Dichlorobenzene
Concen: 40.670 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
75	23.9	18.0	27.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

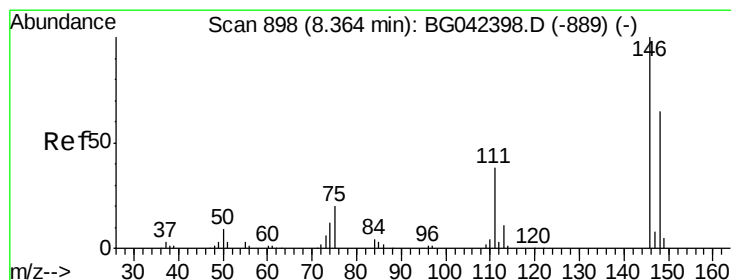
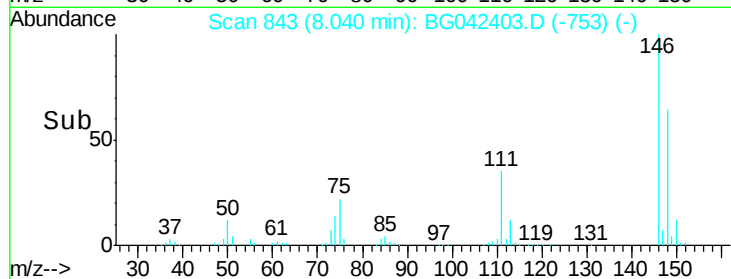
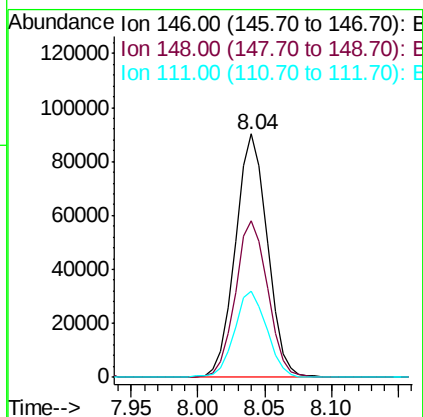
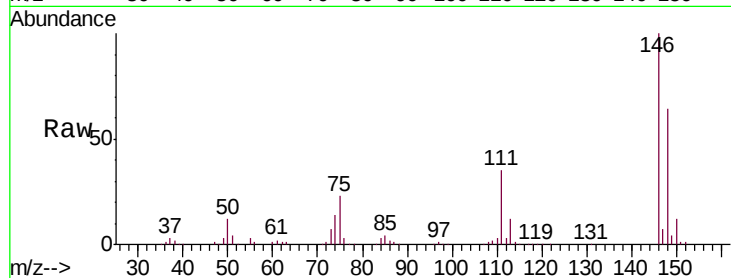




#13
 1,4-Dichlorobenzene
 Concen: 40.682 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

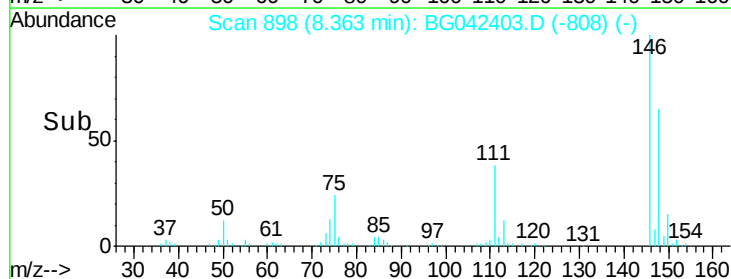
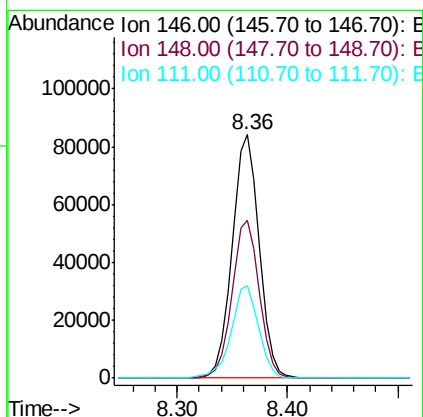
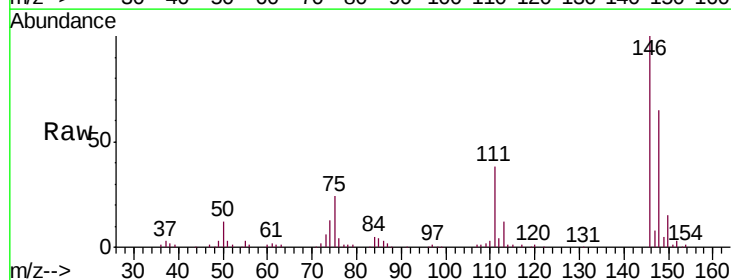
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

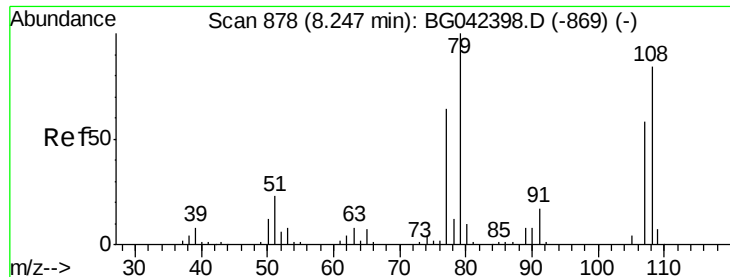
Tgt Ion:146 Resp: 150163
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.5 74.3
 111 35.3 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 40.922 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion:146 Resp: 144653
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.6
 111 37.8 30.9 46.3





#15

Benzyl Alcohol

Concen: 40.426 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

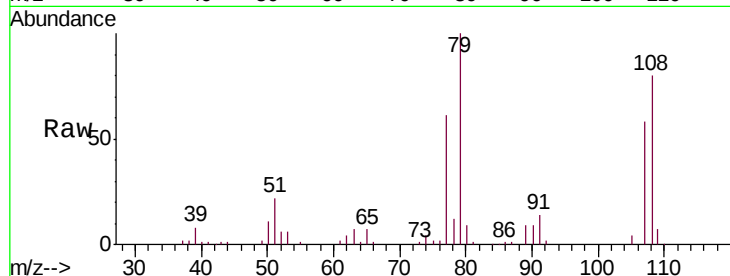
Tgt Ion: 79 Resp: 92857

Ion Ratio Lower Upper

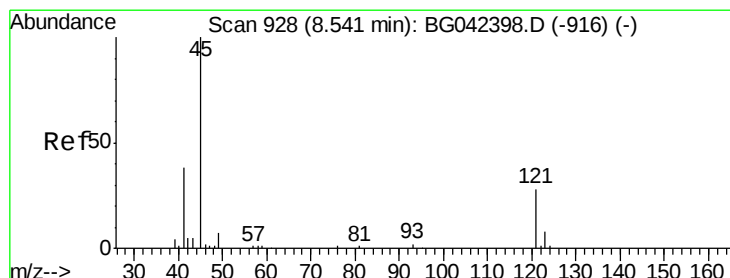
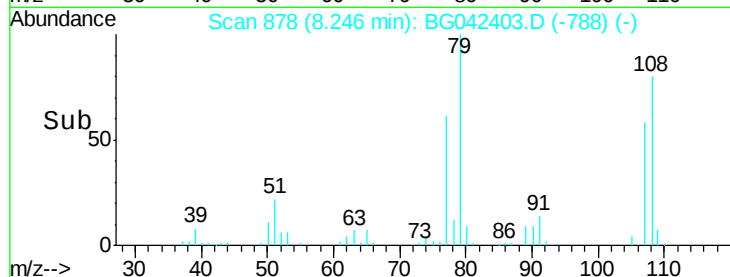
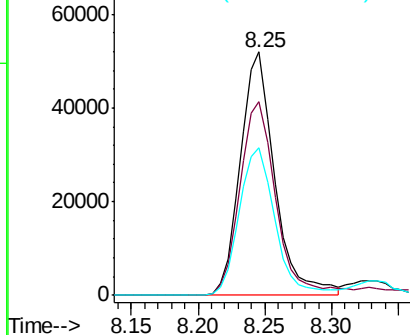
79 100

108 79.7 67.4 101.2

77 60.8 50.8 76.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.247 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

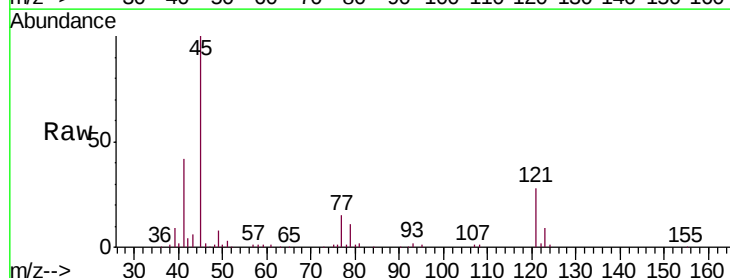
Tgt Ion: 45 Resp: 139070

Ion Ratio Lower Upper

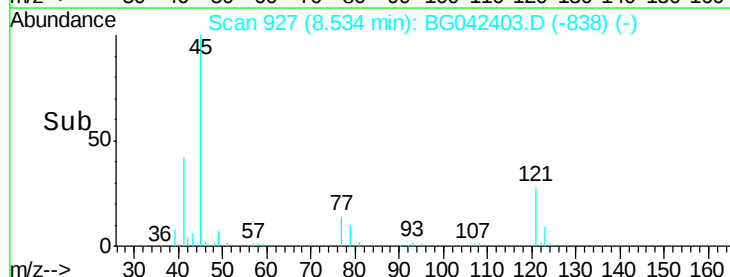
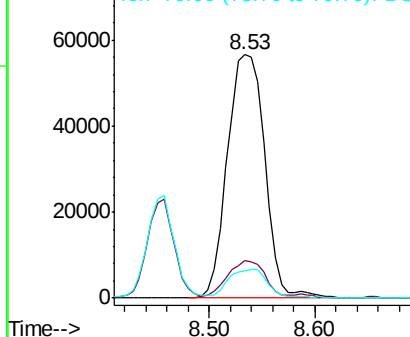
45 100

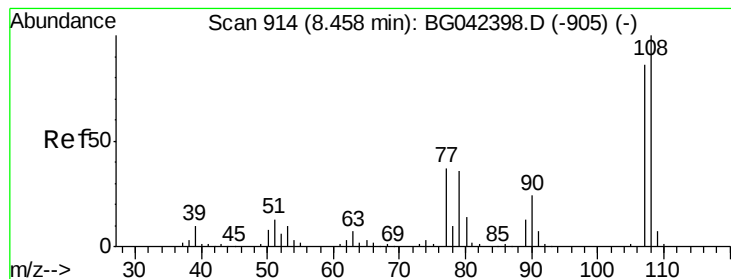
77 15.2 0.0 35.6

79 11.2 0.0 31.6



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





#17

2-Methylphenol

Concen: 39.928 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

Tgt Ion:107 Resp: 95466

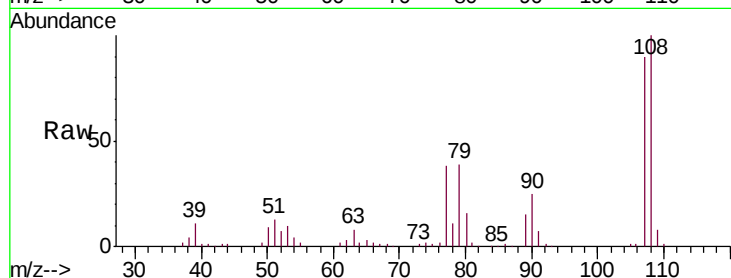
Ion Ratio Lower Upper

107 100

108 111.1 92.9 139.3

77 41.7 34.4 51.6

79 43.1 33.8 50.6



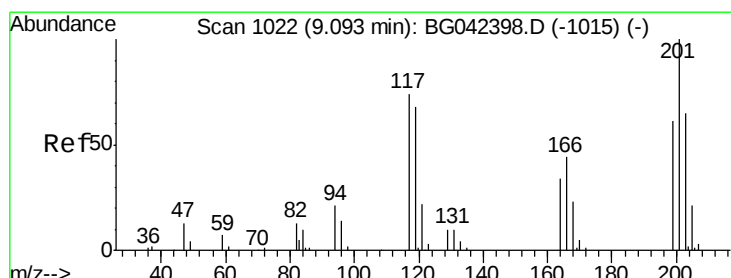
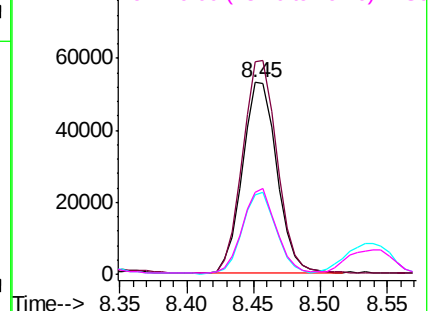
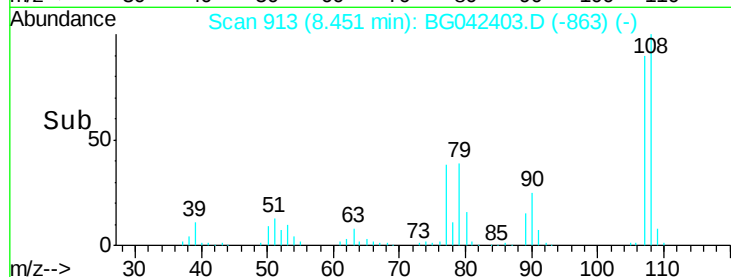
Abundance

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: 40.709 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

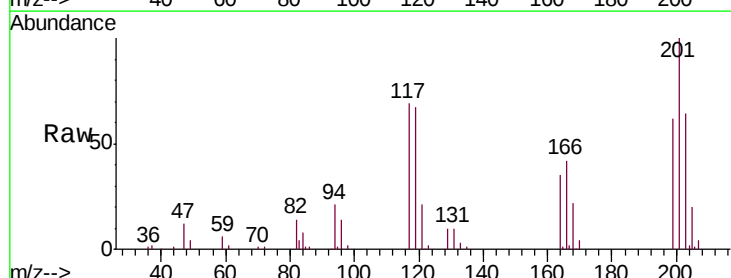
Tgt Ion:117 Resp: 51441

Ion Ratio Lower Upper

117 100

119 97.0 73.8 110.8

201 144.9 108.3 162.5

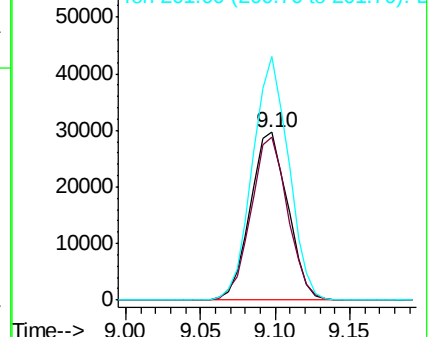
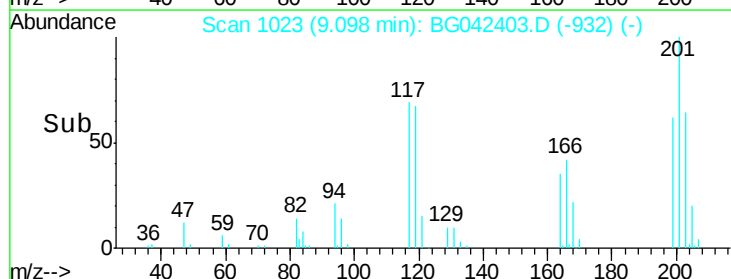


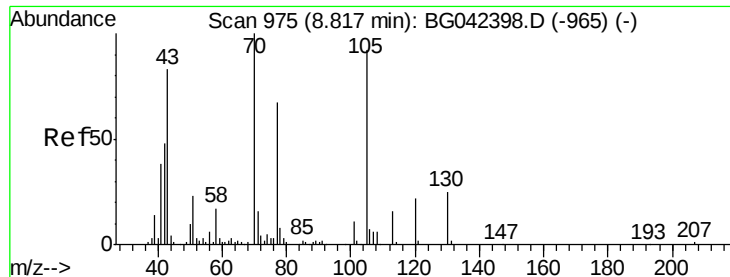
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

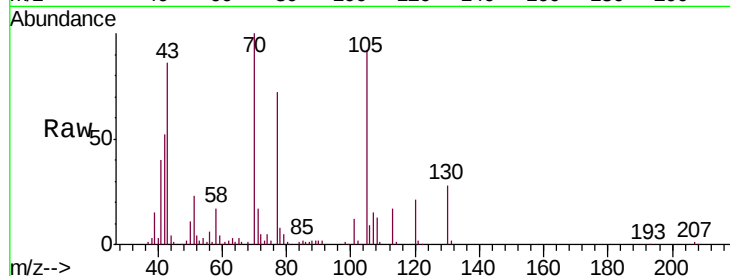




#19
n-Nitroso-di-n-propylamine
Concen: 40.175 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

Tgt Ion:	70	Resp:	83099
Ion	Ratio	Lower	Upper
70	100		
42	51.7	38.8	58.2
101	11.8	9.0	13.6
130	27.6	20.0	30.0



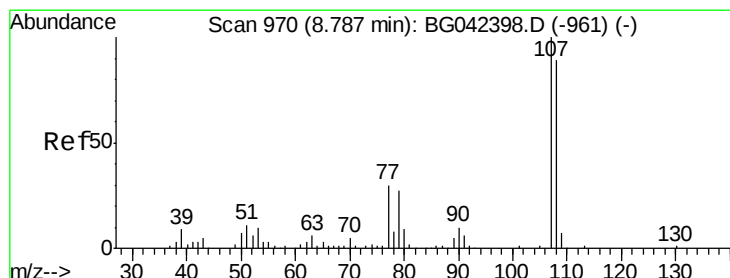
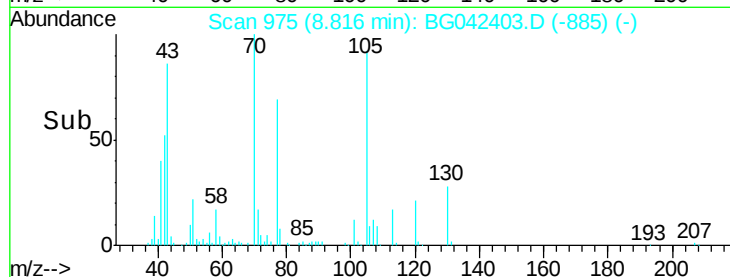
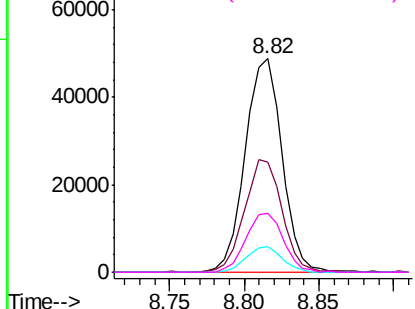
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

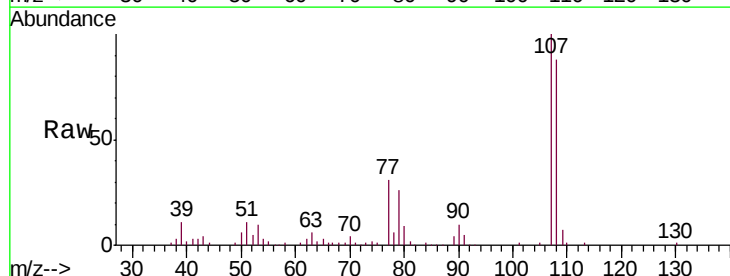
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.640 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion:	107	Resp:	134457
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.7	108.7
77	31.0	10.2	50.2
79	25.8	6.9	46.9



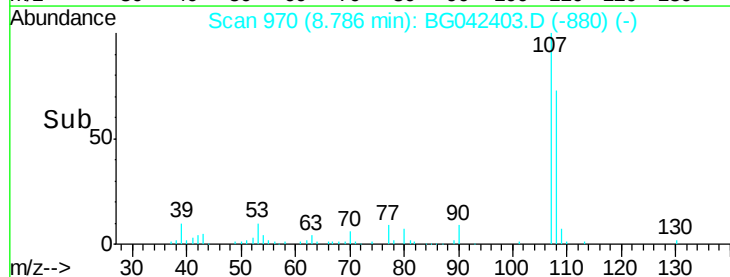
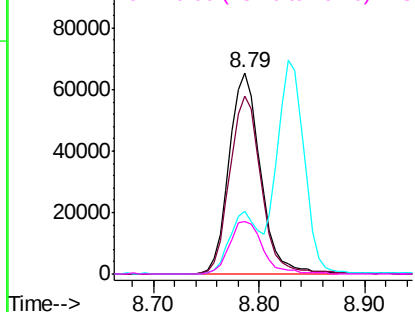
Abundance

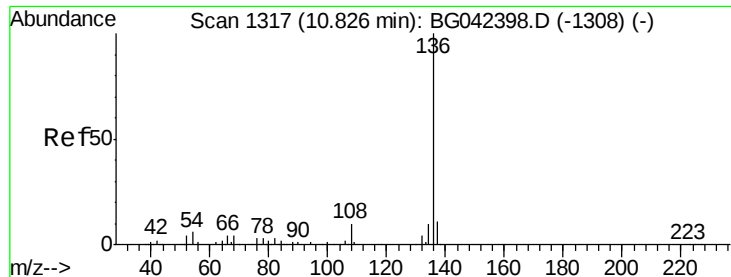
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

Tgt Ion:136 Resp: 200401

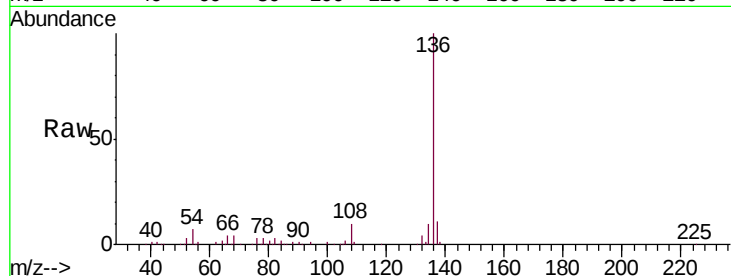
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.1 4.9 7.3

68 4.3 3.6 5.4

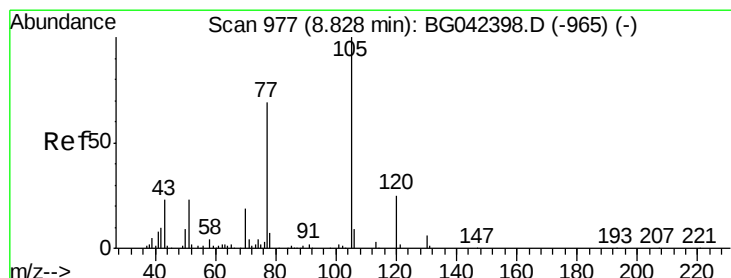
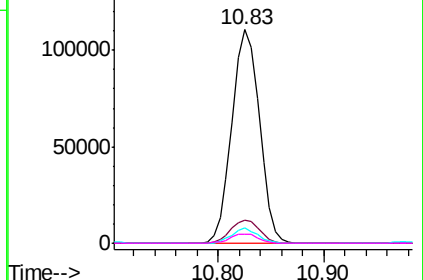
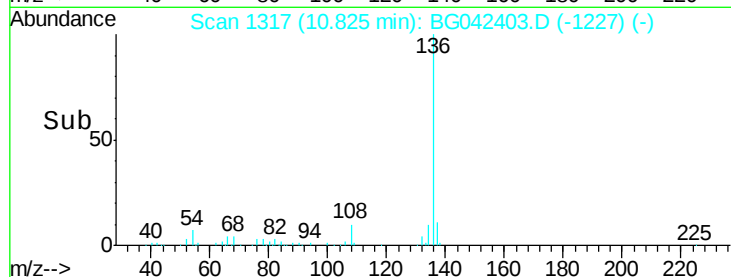


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.918 ng

RT: 8.83 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Tgt Ion:105 Resp: 175386

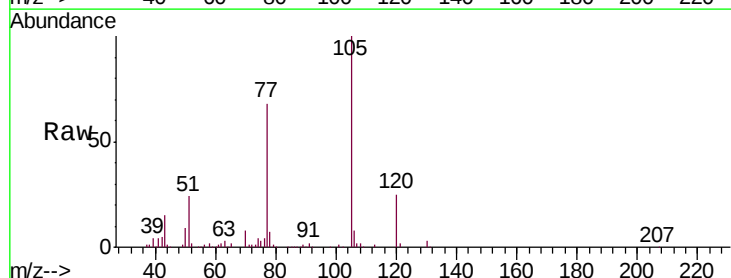
Ion Ratio Lower Upper

105 100

71 1.5 2.8 4.2#

51 23.9 18.7 28.1

120 25.0 20.1 30.1

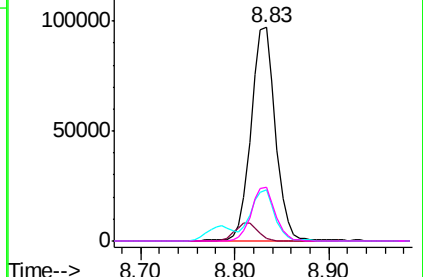
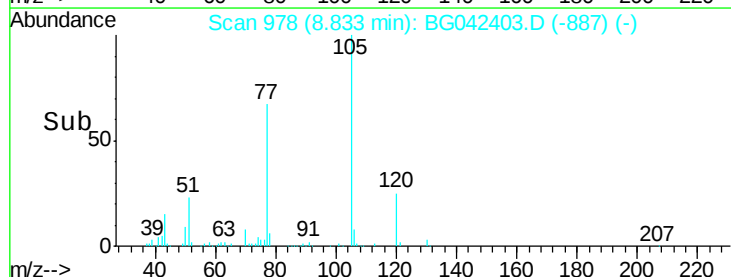


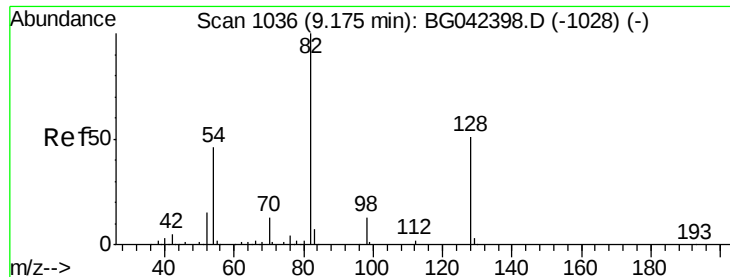
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

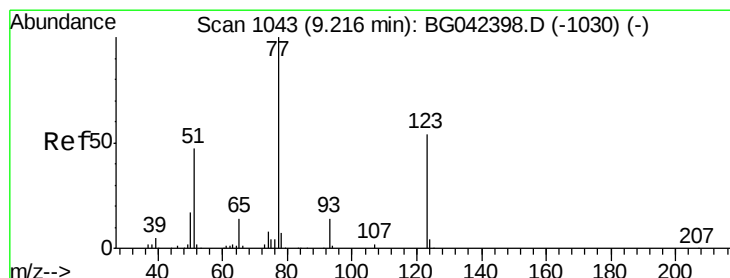
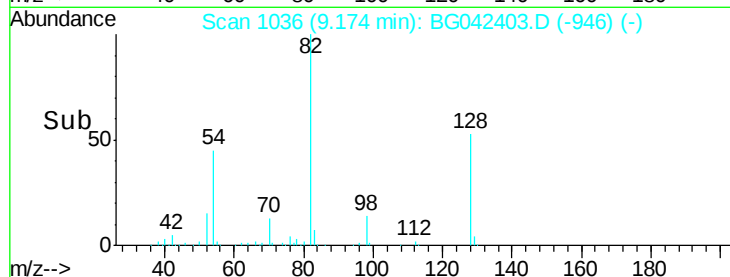
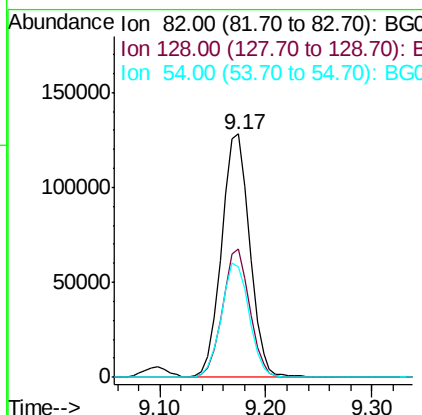
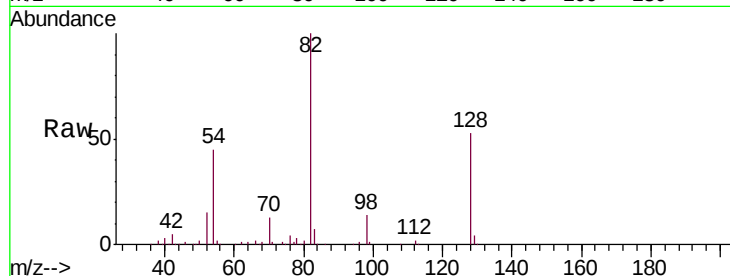




#23
Nitrobenzene-d5
Concen: 81.383 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

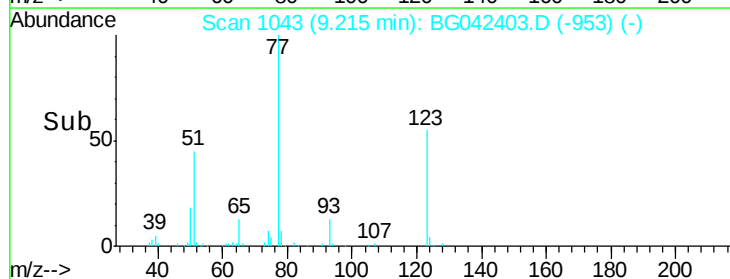
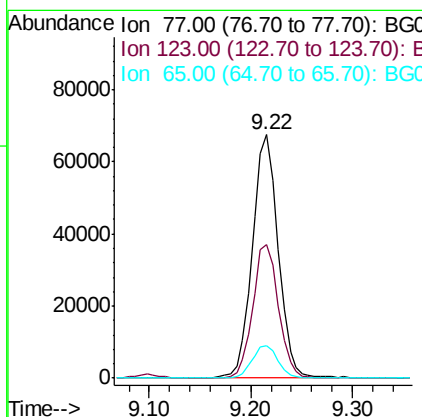
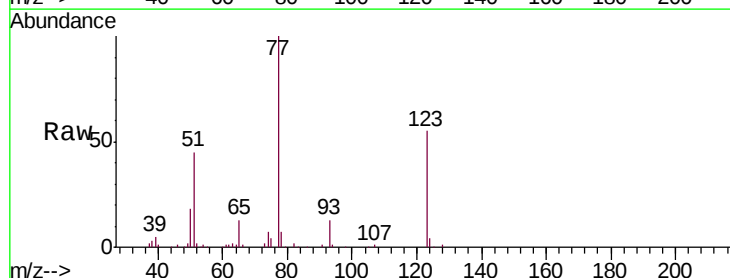
Instrument :
BNA_G
ClientSampleId :
ICVBG082219

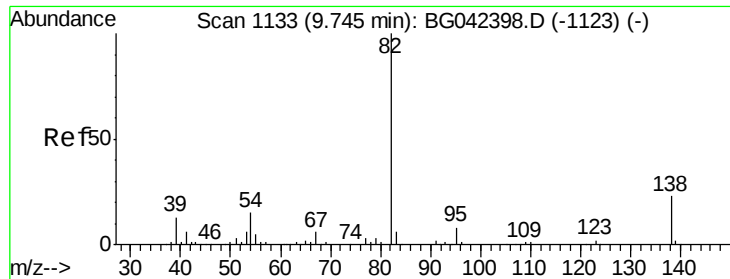
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.7	61.1
54	45.3	36.3	54.5



#24
Nitrobenzene
Concen: 40.677 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.1	43.4	65.0
65	13.5	11.0	16.6





#25

Isophorone

Concen: 40.734 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

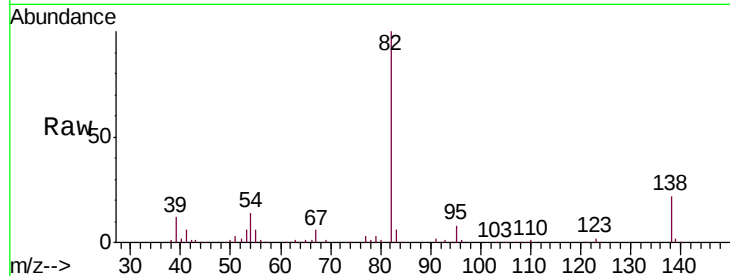
Tgt Ion: 82 Resp: 233131

Ion Ratio Lower Upper

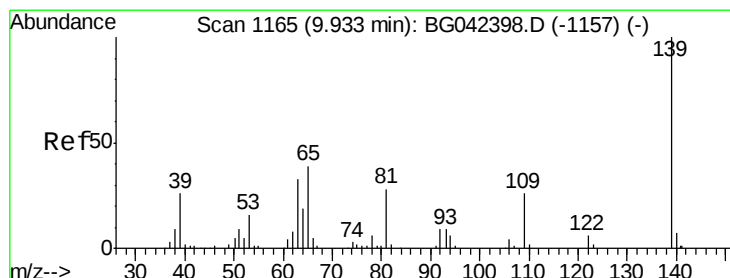
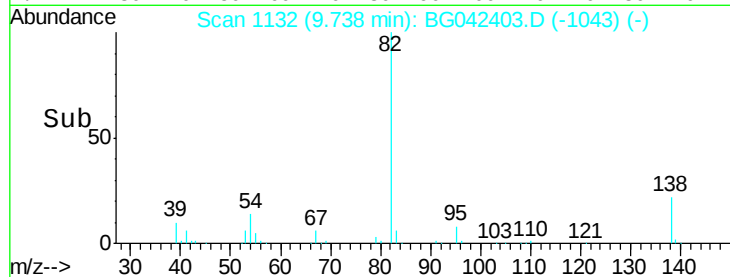
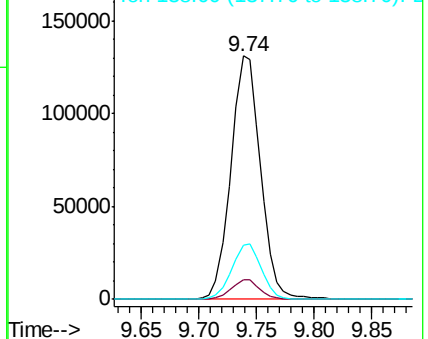
82 100

95 7.9 6.6 9.8

138 22.2 18.6 27.8



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



#26

2-Nitrophenol

Concen: 40.428 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

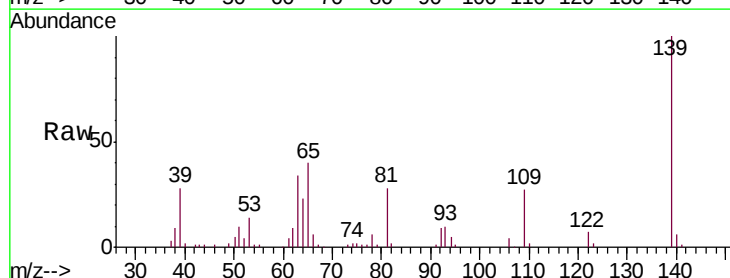
Tgt Ion: 139 Resp: 74399

Ion Ratio Lower Upper

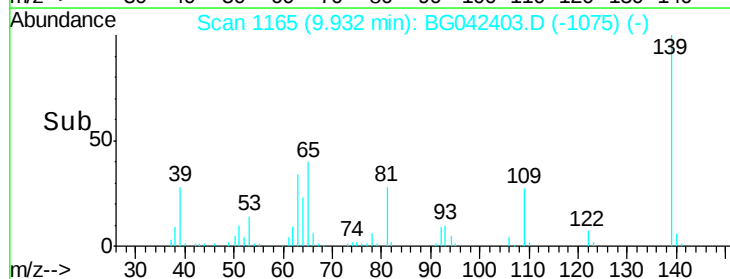
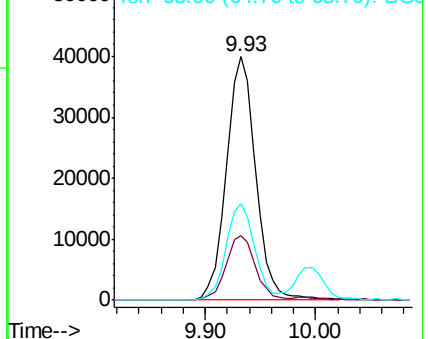
139 100

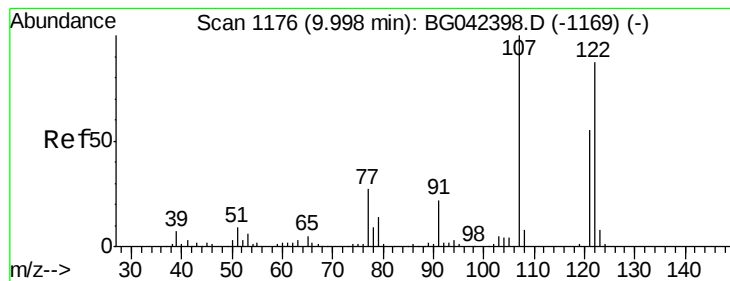
109 26.7 20.5 30.7

65 39.8 30.9 46.3



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





#27

2,4-Dimethylphenol

Concen: 40.707 ng

RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

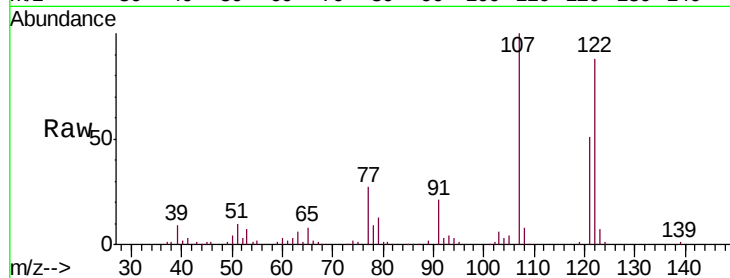
Tgt Ion:122 Resp: 103194

Ion Ratio Lower Upper

122 100

107 113.5 90.8 136.2

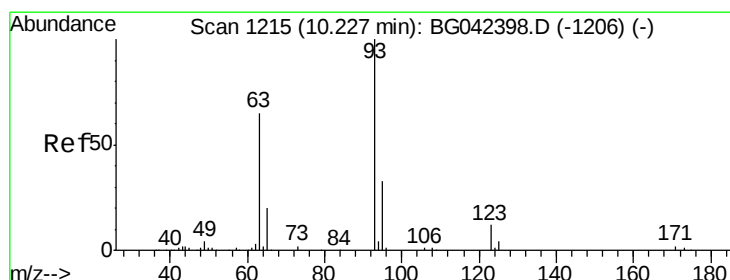
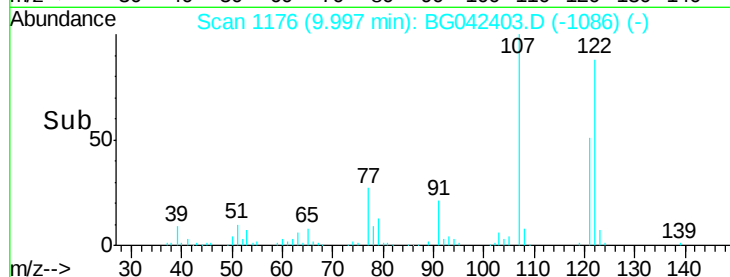
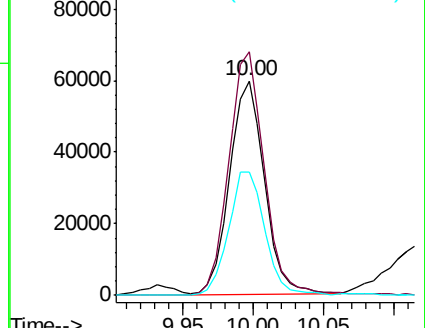
121 57.5 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.995 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

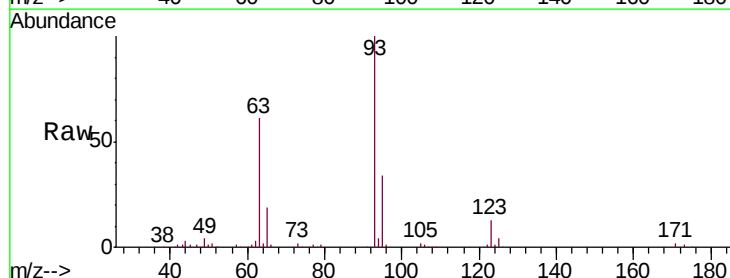
Tgt Ion: 93 Resp: 147879

Ion Ratio Lower Upper

93 100

95 34.5 26.6 40.0

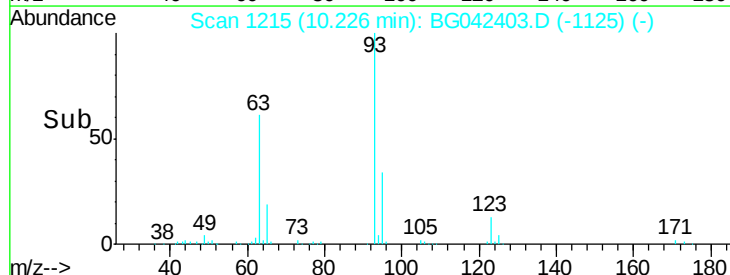
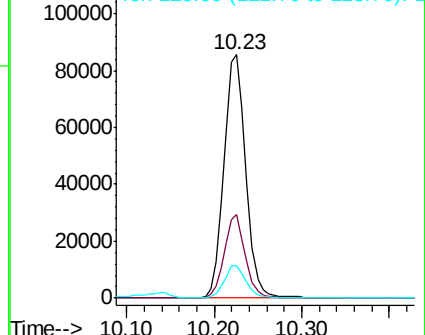
123 13.3 10.1 15.1

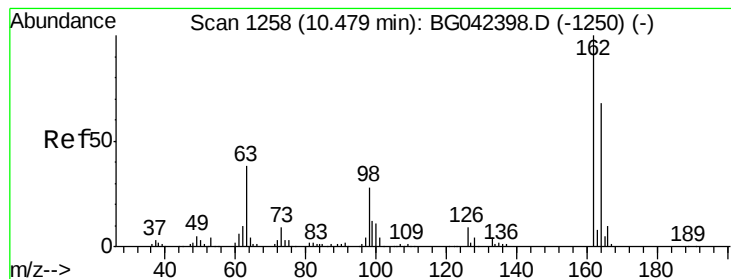


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.410 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

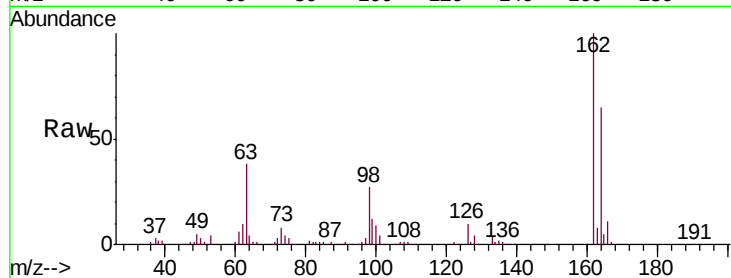
Tgt Ion:162 Resp: 137345

Ion Ratio Lower Upper

162 100

164 65.4 48.1 88.1

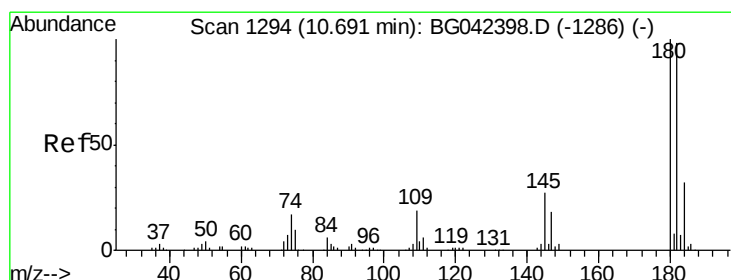
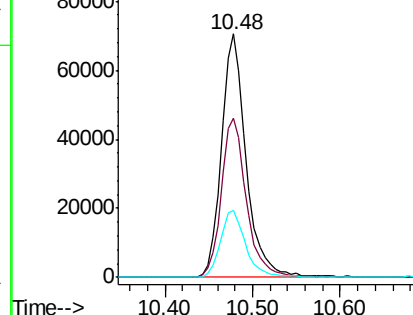
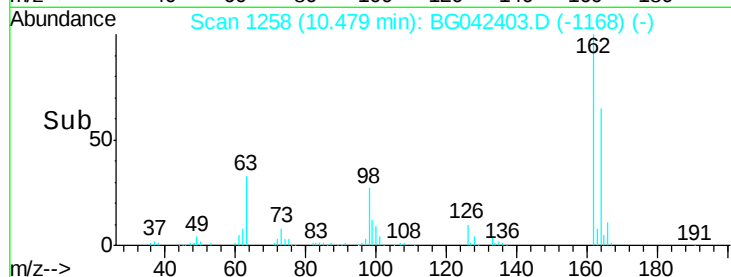
98 27.5 7.6 47.6



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: 40.777 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

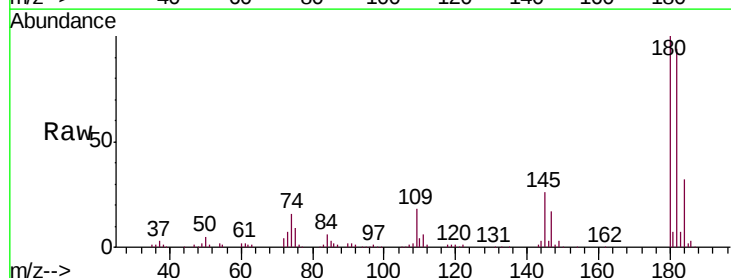
Tgt Ion:180 Resp: 166005

Ion Ratio Lower Upper

180 100

182 94.0 78.7 118.1

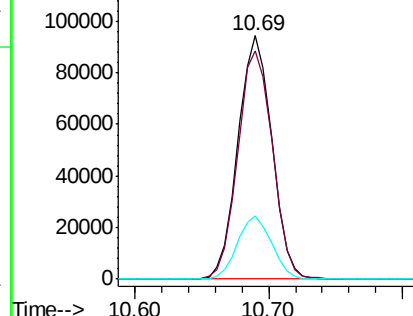
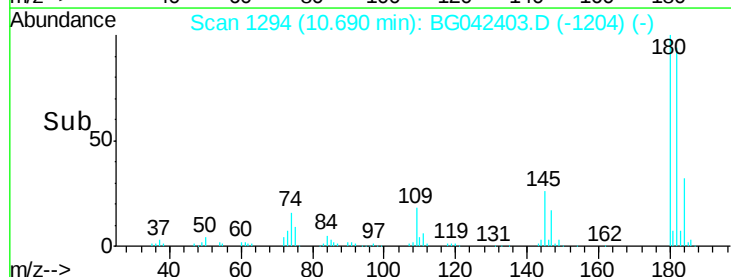
145 26.2 21.6 32.4

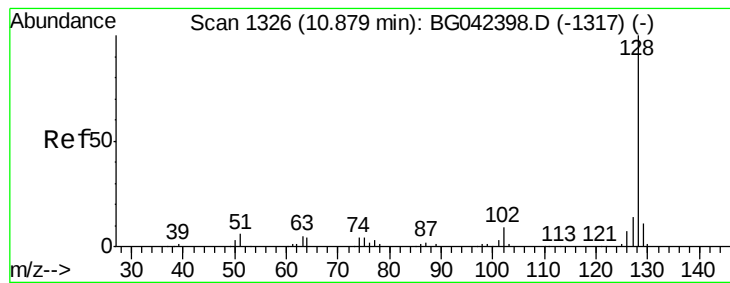


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.475 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

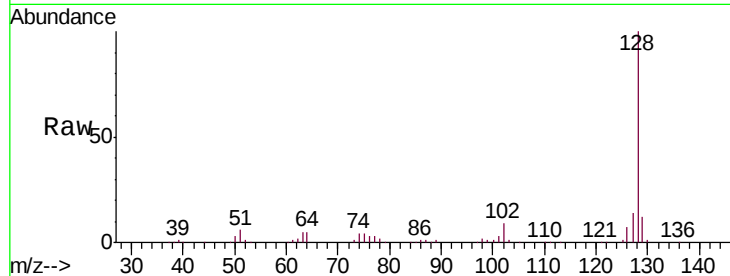
Tgt Ion:128 Resp: 385884

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

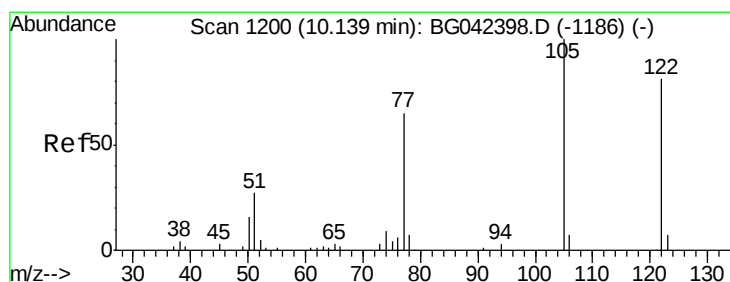
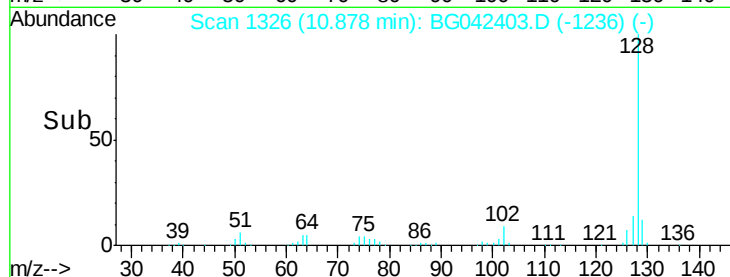
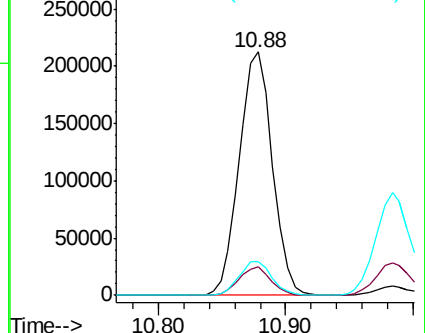
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.393 ng

RT: 10.13 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

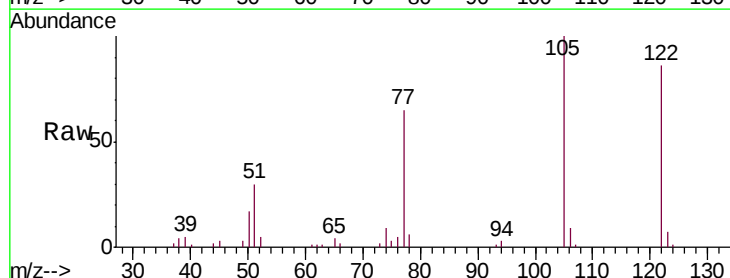
Tgt Ion:122 Resp: 64793

Ion Ratio Lower Upper

122 100

105 116.2 99.6 139.6

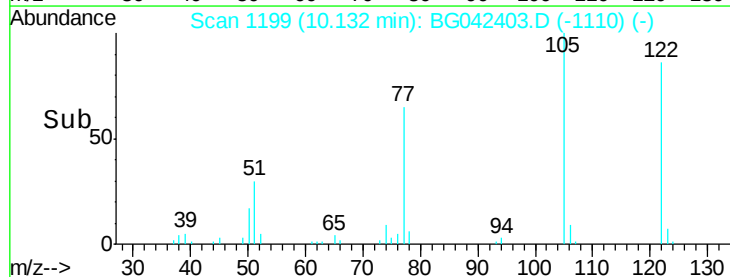
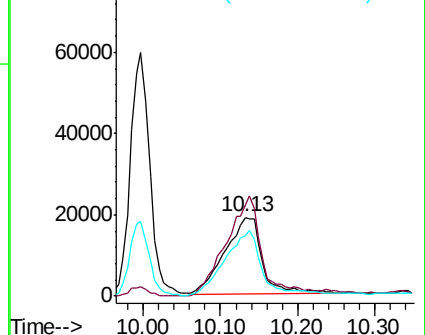
77 75.9 59.5 99.5

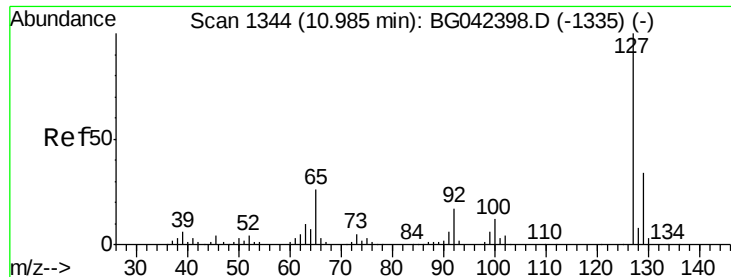


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

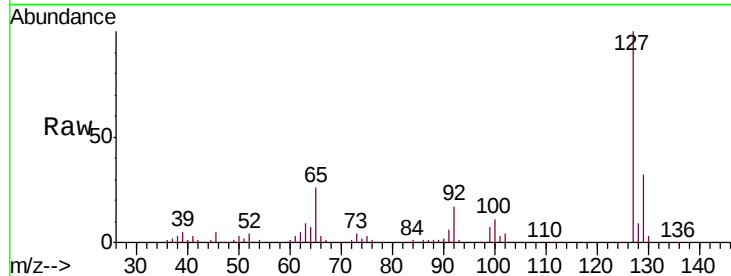




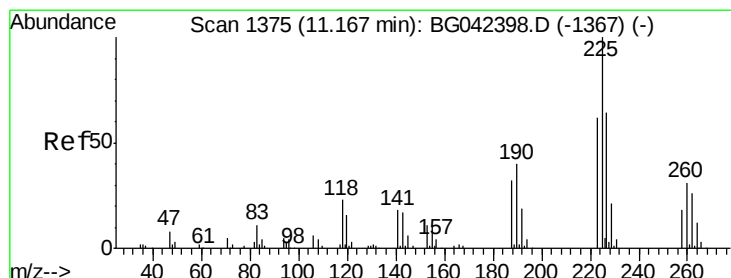
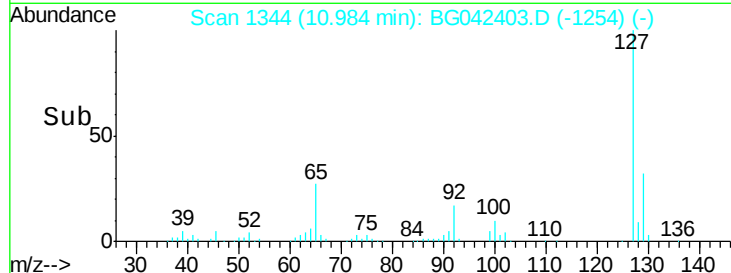
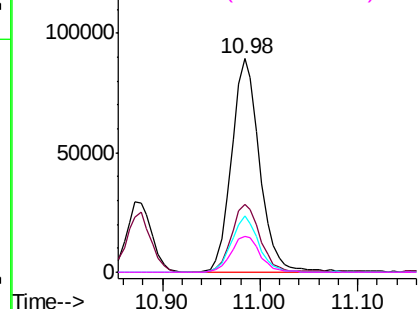
#33
4-Chloroaniline
Concen: 41.461 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

Tgt Ion:	127	Resp:	178075
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.8	40.2
65	26.5	20.7	31.1
92	16.9	13.6	20.4

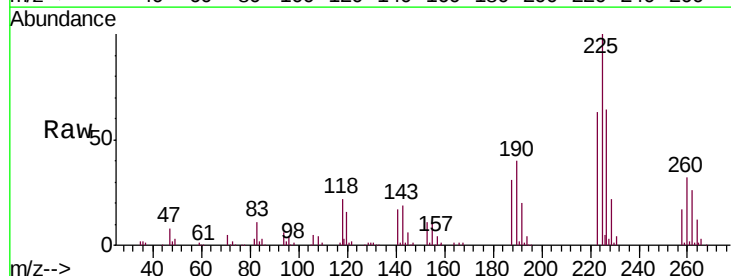


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

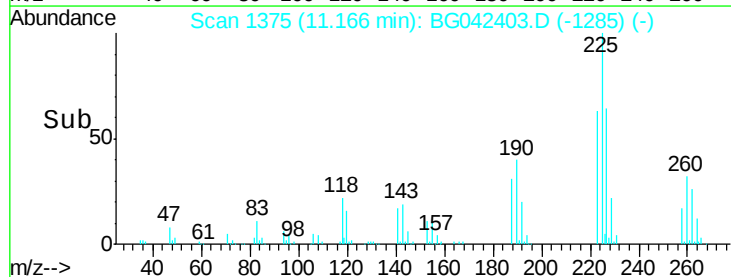
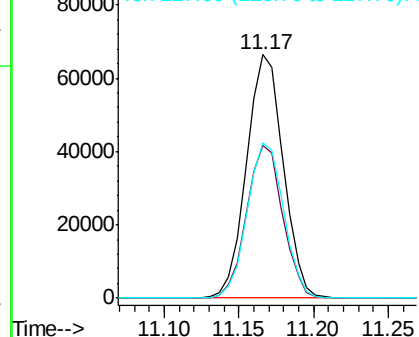


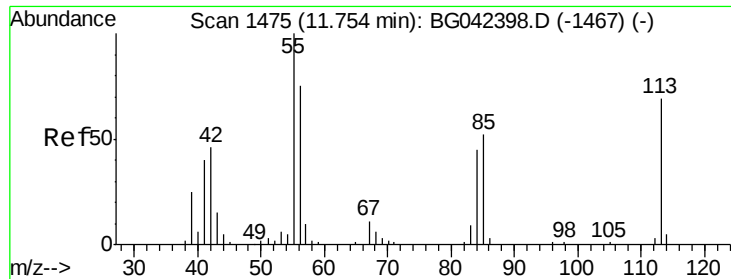
#34
Hexachlorobutadiene
Concen: 41.106 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion:	225	Resp:	112465
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	64.0	50.9	76.3



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

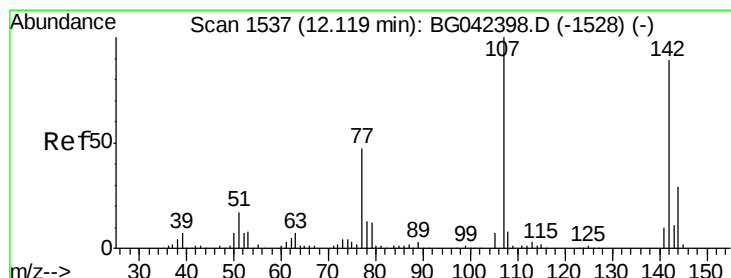
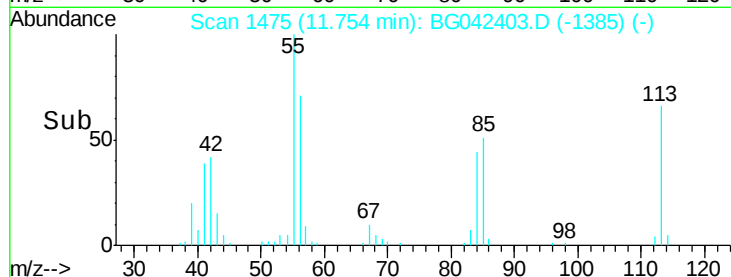
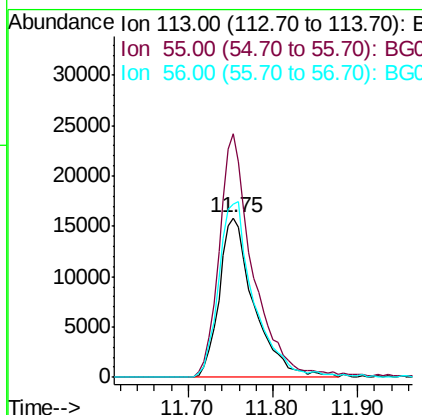
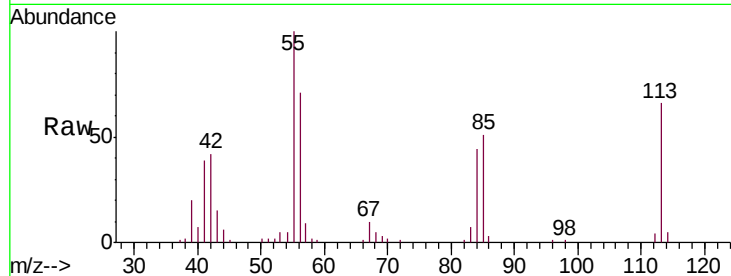




#35
 Caprolactam
 Concen: 40.848 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

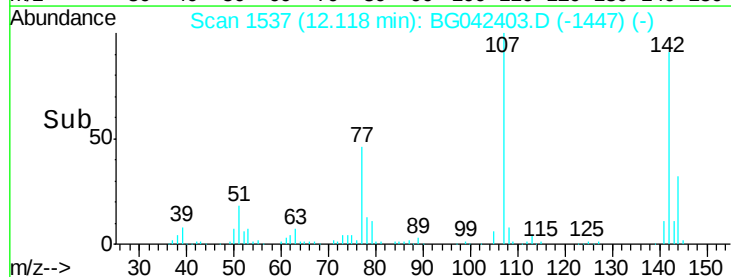
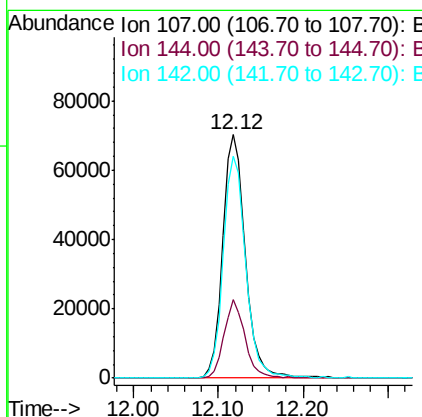
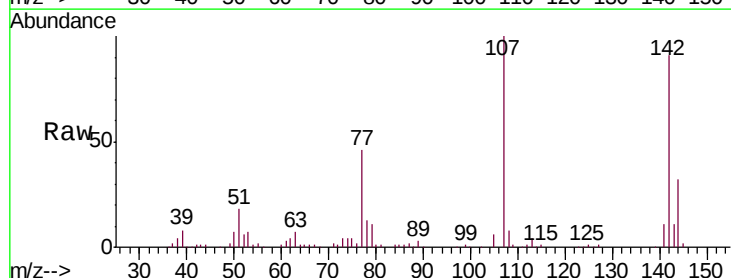
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

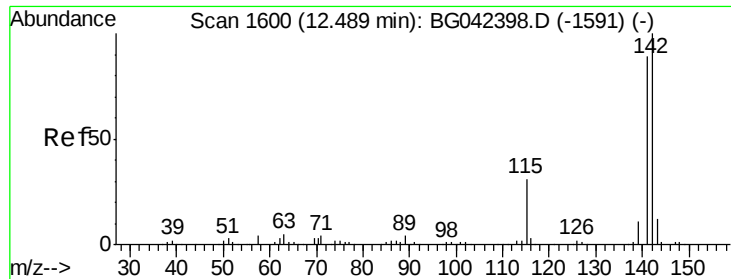
Tgt Ion:113 Resp: 45207
 Ion Ratio Lower Upper
 113 100
 55 152.6 124.6 164.6
 56 108.5 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.270 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion:107 Resp: 129939
 Ion Ratio Lower Upper
 107 100
 144 32.1 23.6 35.4
 142 91.2 71.0 106.4

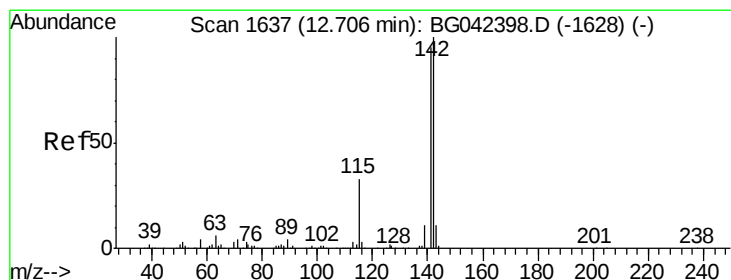
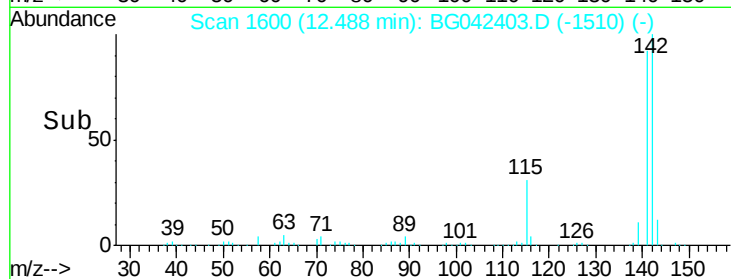
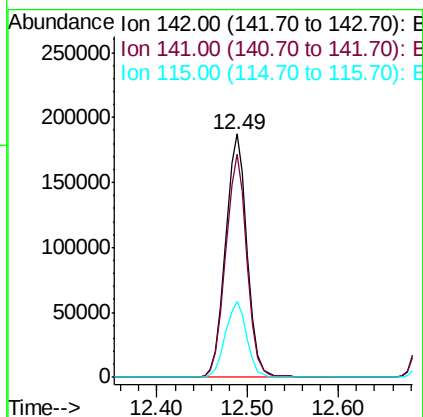
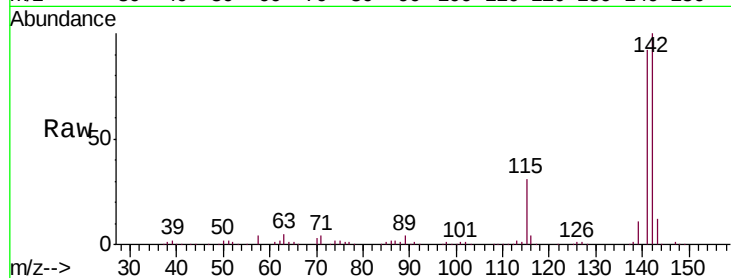




#37
 2-Methylnaphthalene
 Concen: 41.095 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

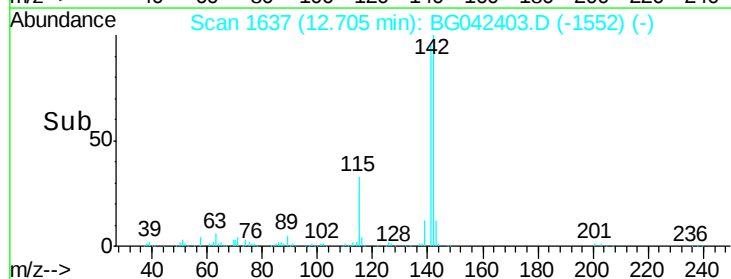
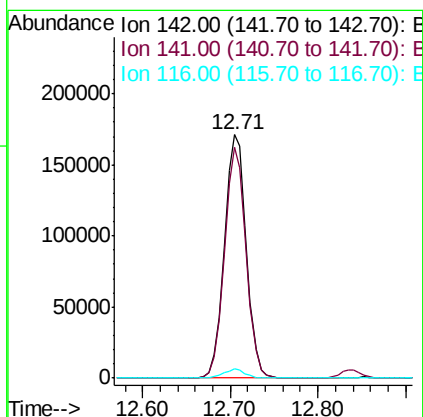
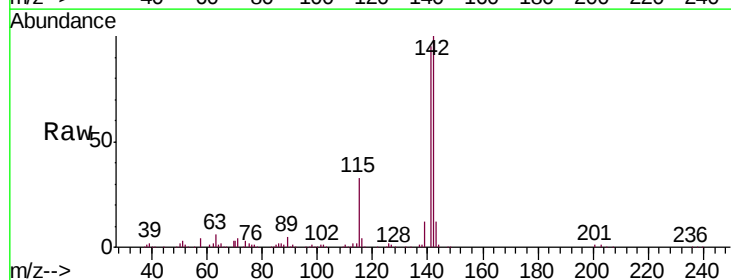
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

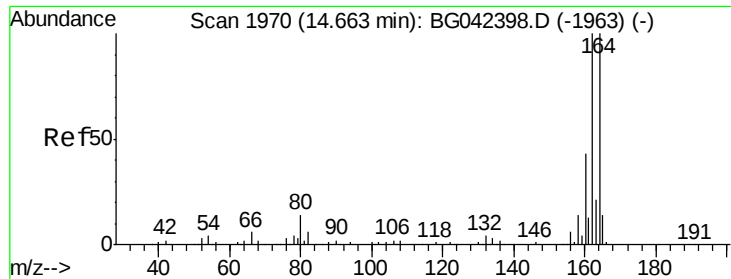
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.4	107.2
115	31.4	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 41.362 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

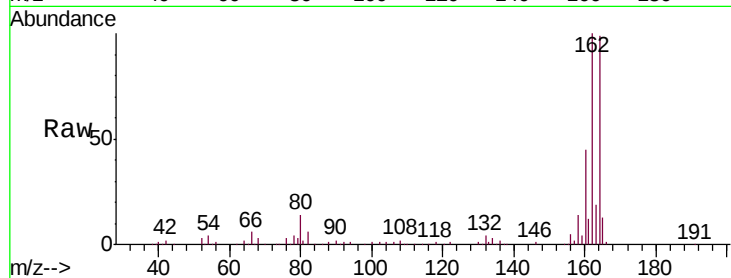
Tgt Ion:164 Resp: 150191

Ion Ratio Lower Upper

164 100

162 101.3 79.9 119.9

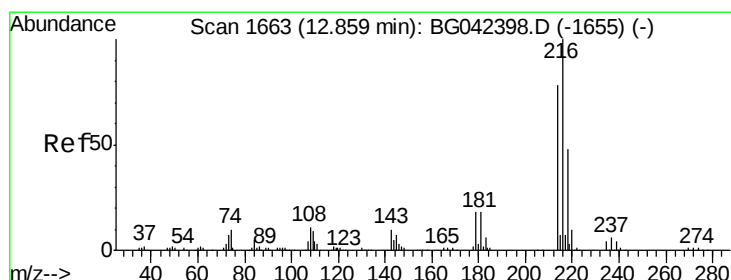
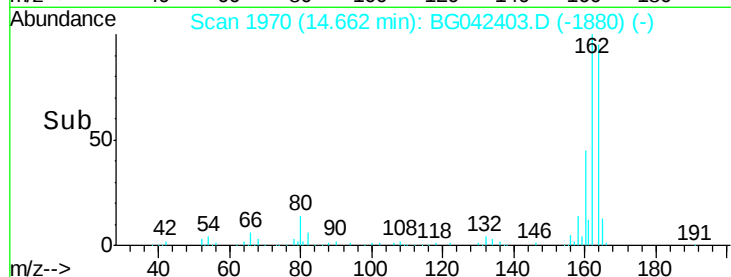
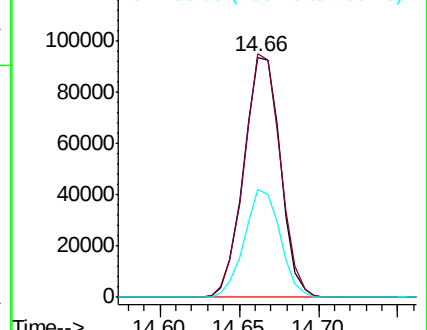
160 45.2 34.3 51.5



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: 40.969 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Tgt Ion:216 Resp: 197600

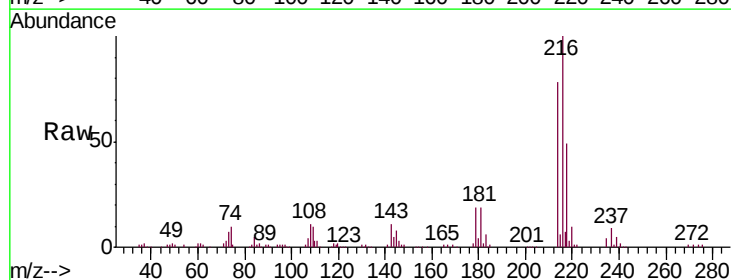
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 18.9 15.1 22.7

108 11.9 9.4 14.0

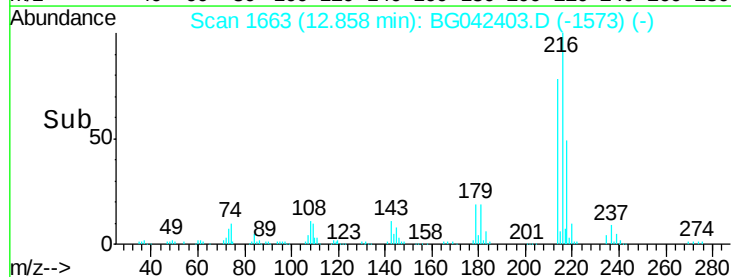
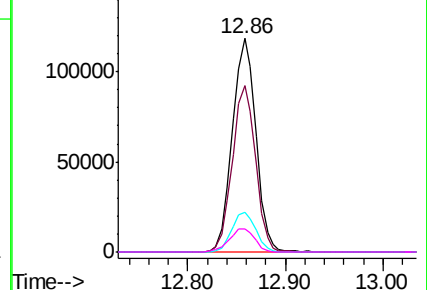


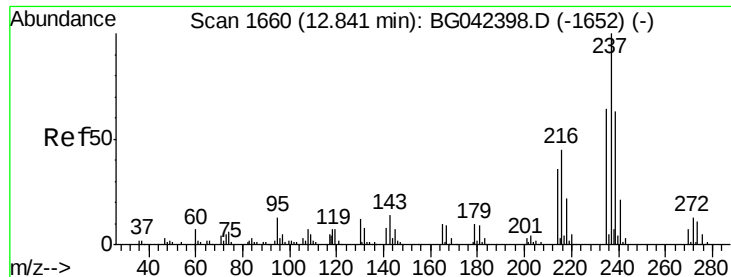
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.383 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

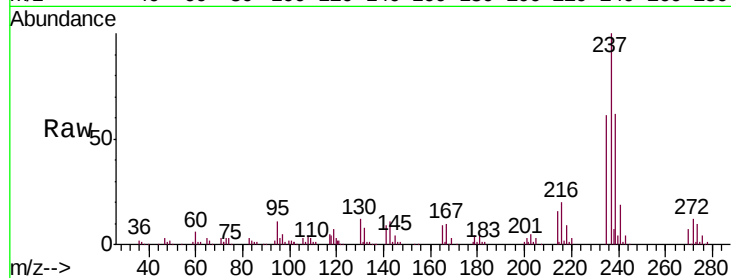
Tgt Ion: 237 Resp: 99778

Ion Ratio Lower Upper

237 100

235 61.2 43.7 83.7

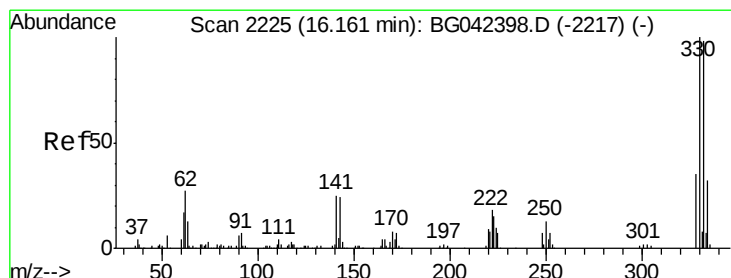
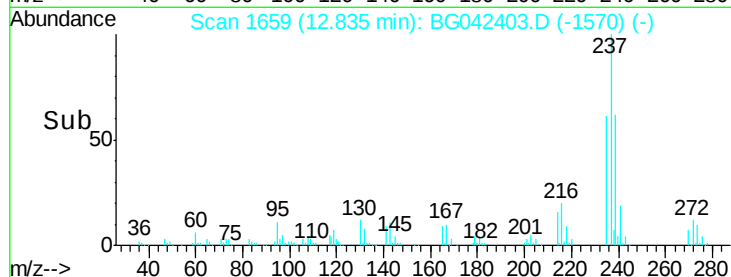
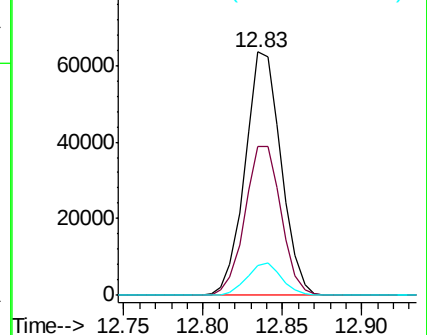
272 12.4 0.0 33.3



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: 83.715 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

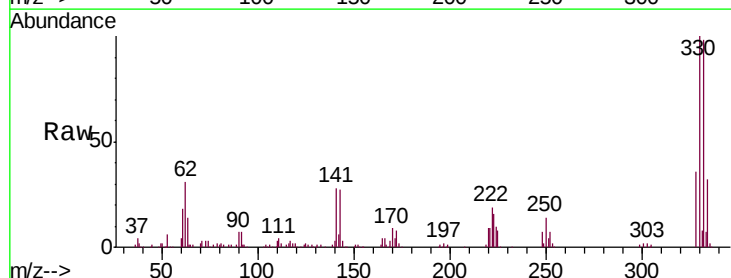
Tgt Ion: 330 Resp: 178708

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

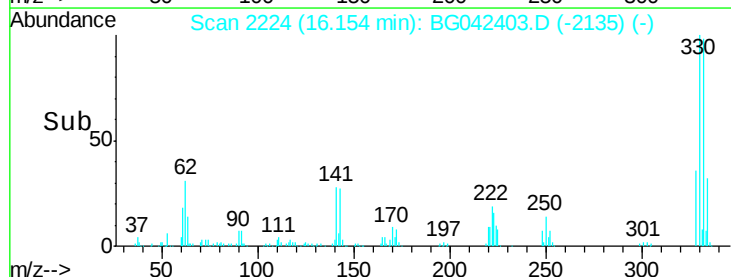
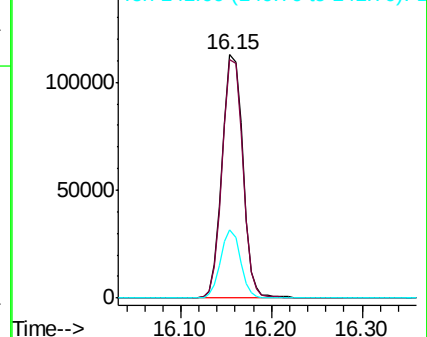
141 27.1 21.4 32.0

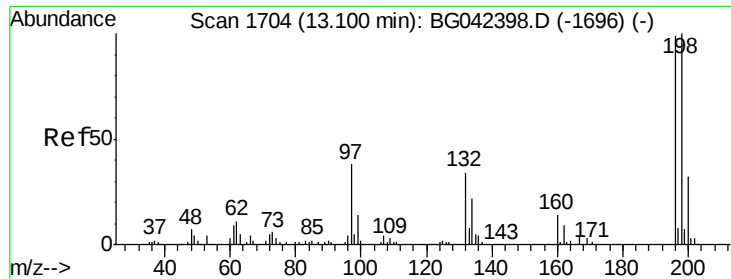


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

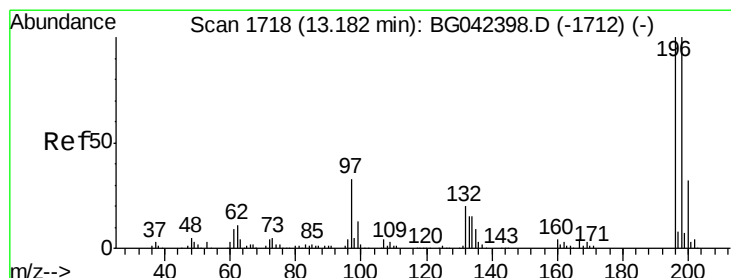
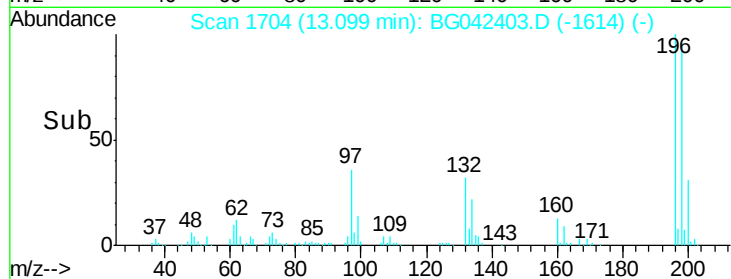
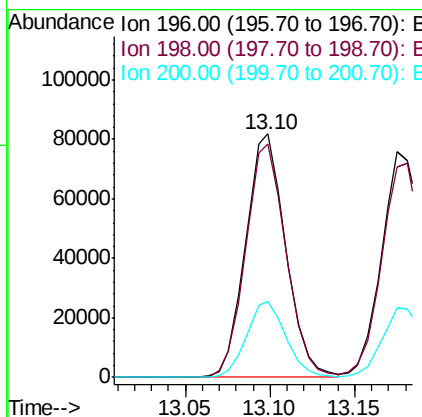
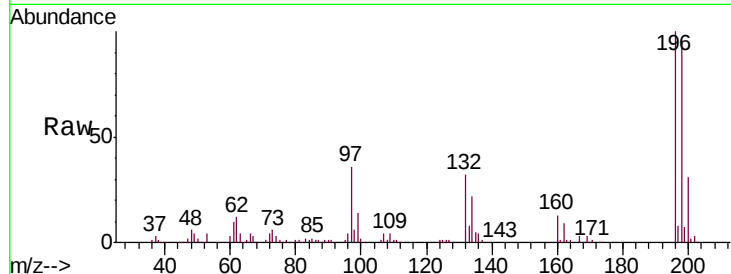




#43
 2,4,6-Trichlorophenol
 Concen: 41.296 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

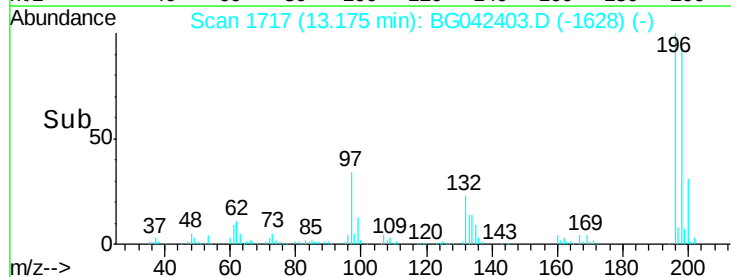
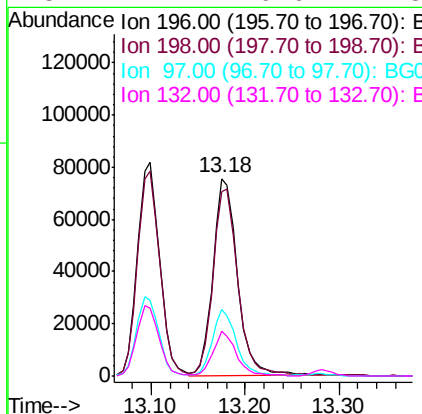
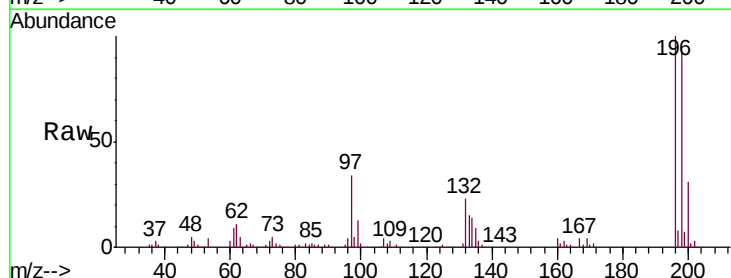
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

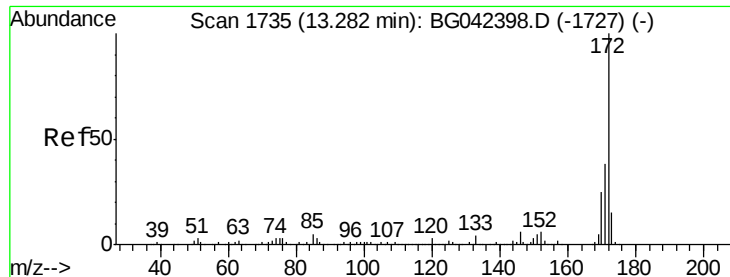
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	80.7	121.1
200	31.4	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.895 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	80.2	120.4
97	33.5	26.3	39.5
132	22.7	16.6	24.8

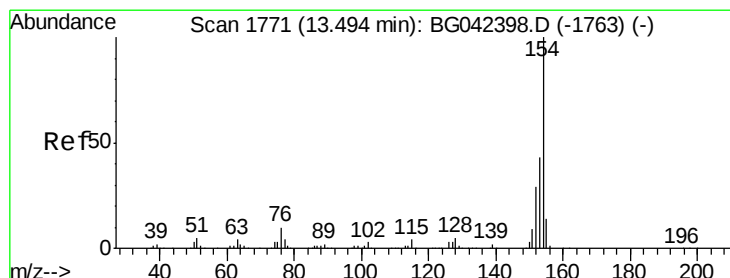
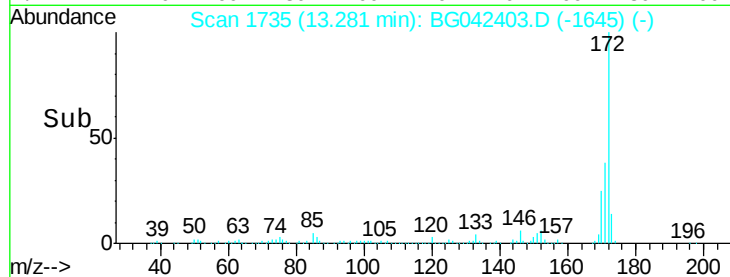
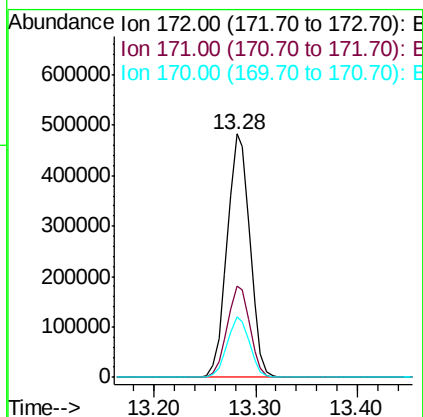
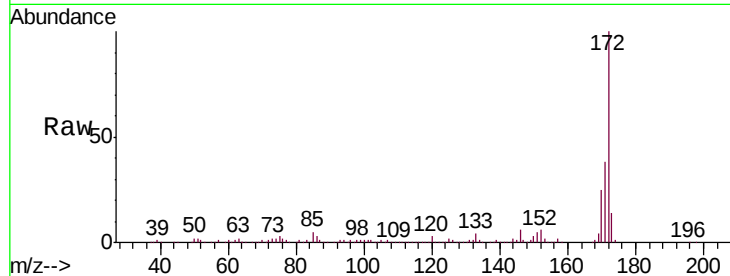




#45
 2-Fluorobiphenyl
 Concen: 84.724 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

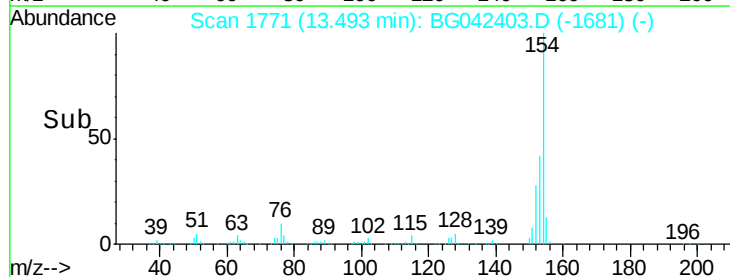
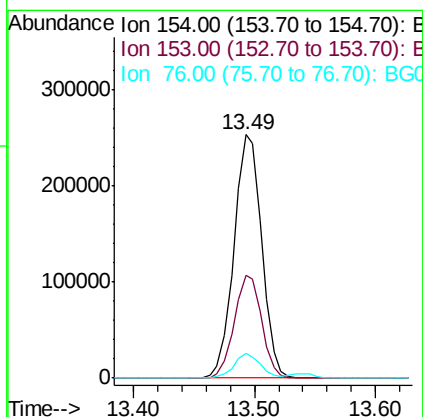
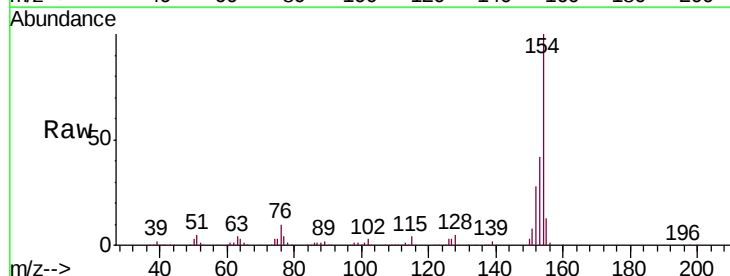
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

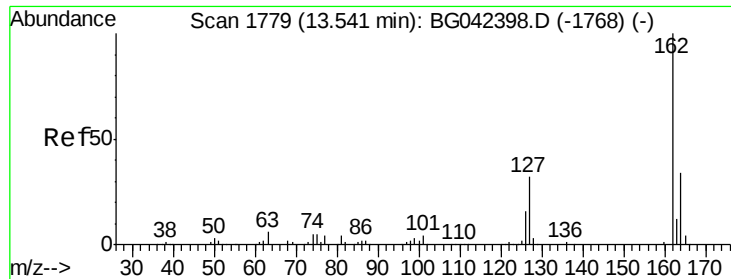
Tgt Ion:172 Resp: 752370
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 24.8 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 41.696 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion:154 Resp: 404800
 Ion Ratio Lower Upper
 154 100
 153 42.2 23.0 63.0
 76 10.1 0.0 29.6

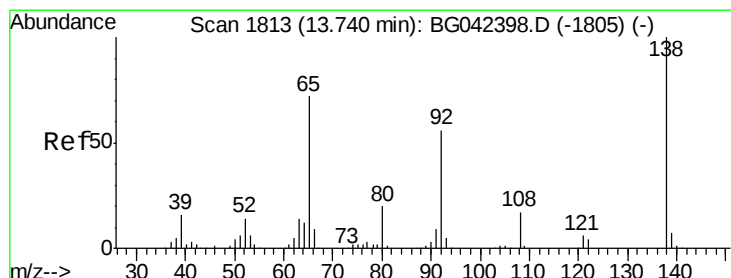
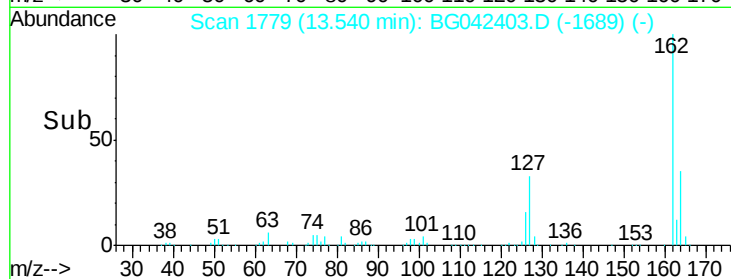
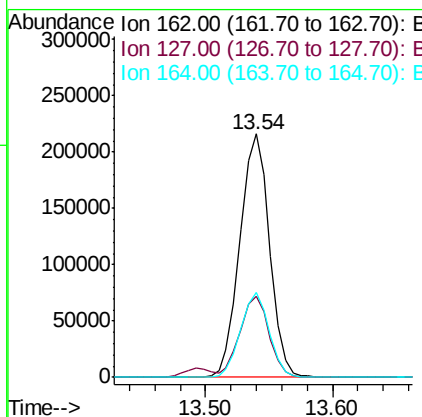
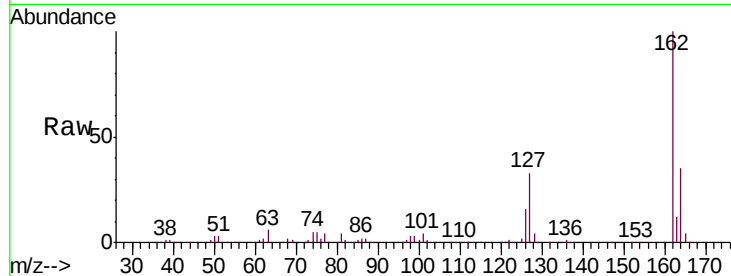




#47
 2-Chloronaphthalene
 Concen: 41.780 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

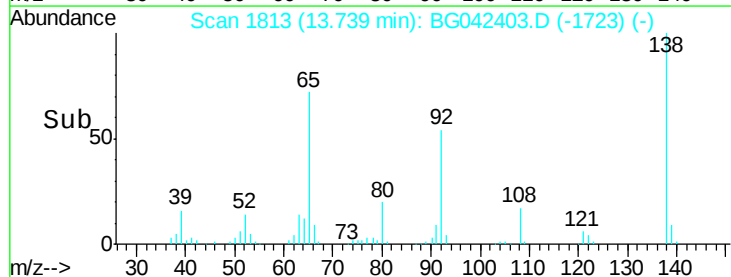
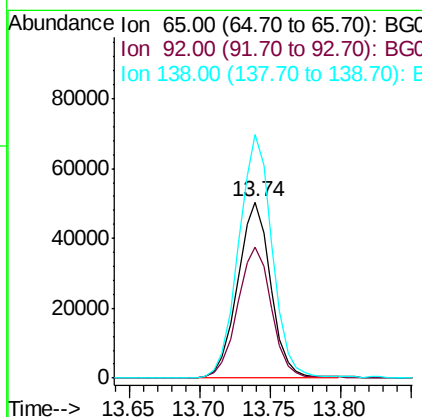
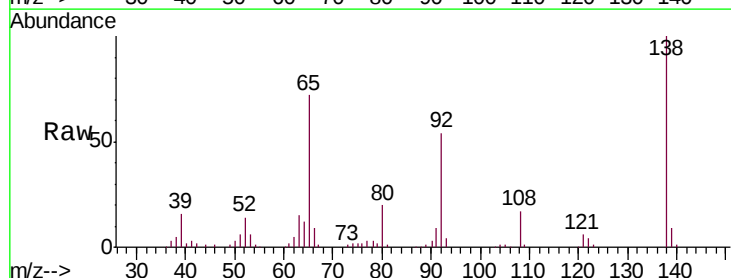
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

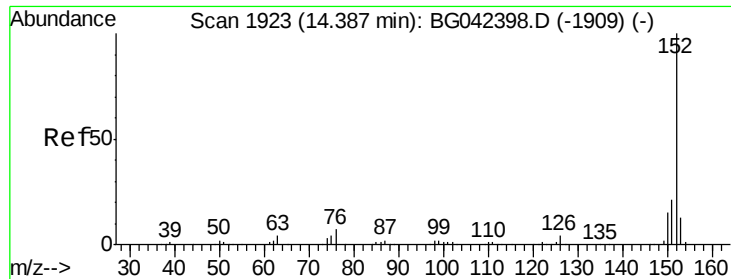
Tgt Ion: 162 Resp: 349753
 Ion Ratio Lower Upper
 162 100
 127 33.3 26.0 39.0
 164 35.0 27.4 41.0



#48
 2-Nitroaniline
 Concen: 40.998 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion: 65 Resp: 82762
 Ion Ratio Lower Upper
 65 100
 92 74.3 61.8 92.6
 138 138.0 111.0 166.6





#49

Acenaphthylene

Concen: 42.442 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

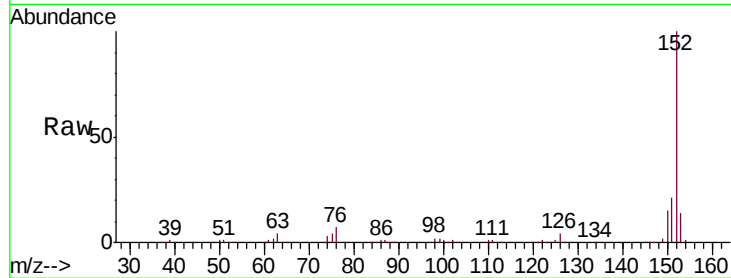
Tgt Ion:152 Resp: 534519

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

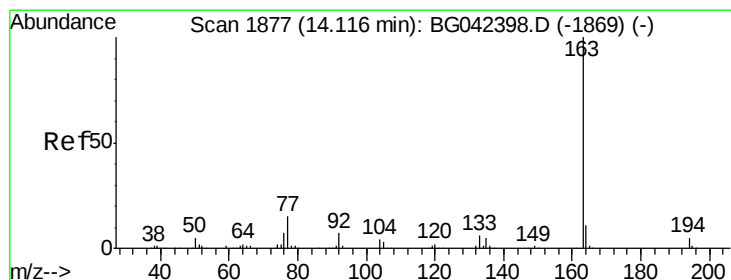
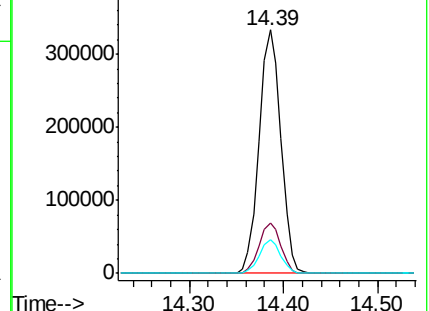
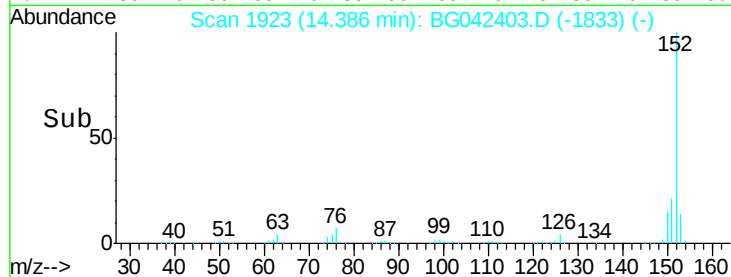
153 13.7 10.6 16.0



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: 42.259 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

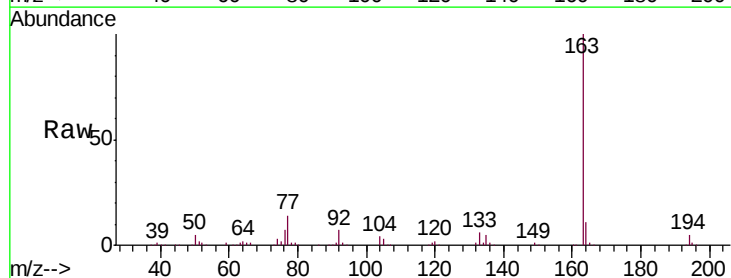
Tgt Ion:163 Resp: 457955

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

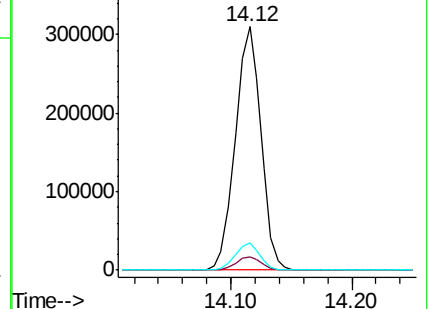
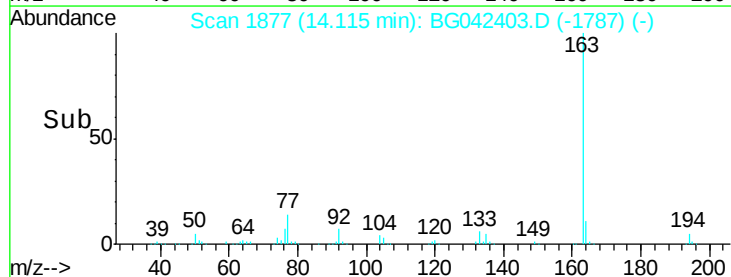
164 11.0 8.8 13.2

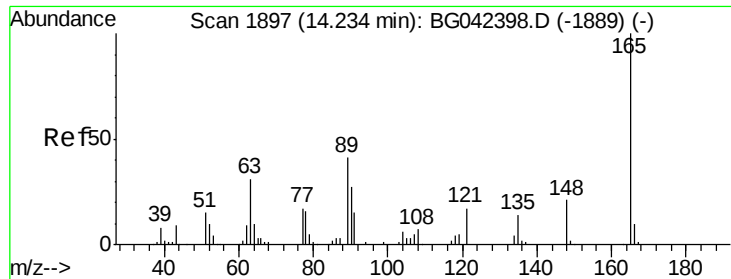


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

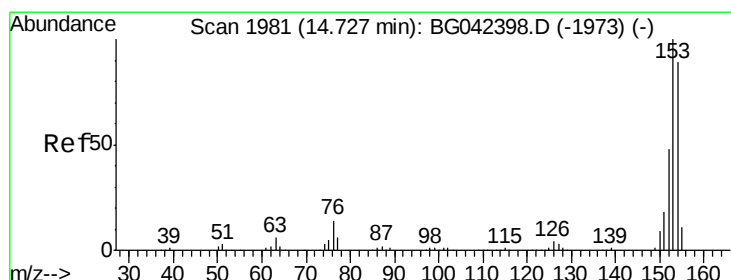
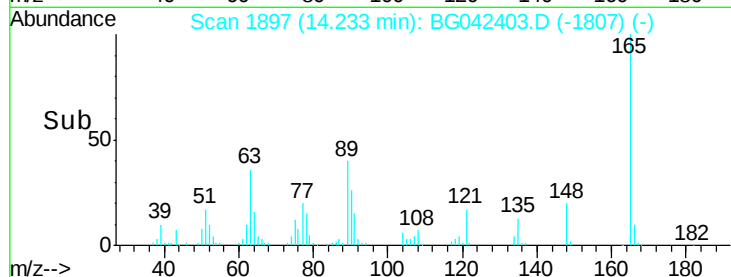
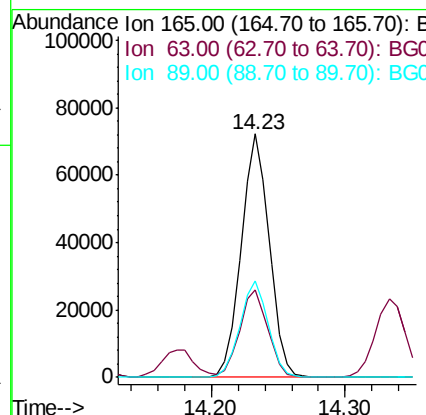
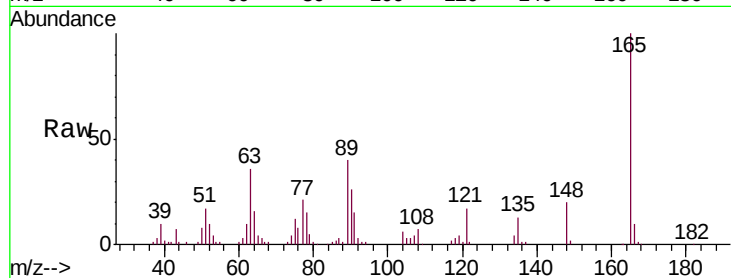




#51
 2,6-Dinitrotoluene
 Concen: 41.523 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

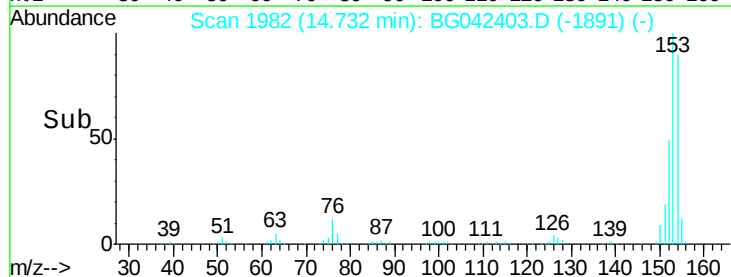
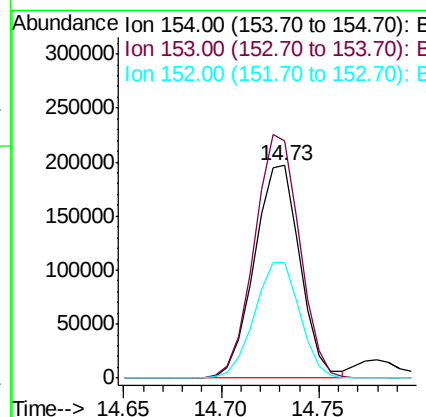
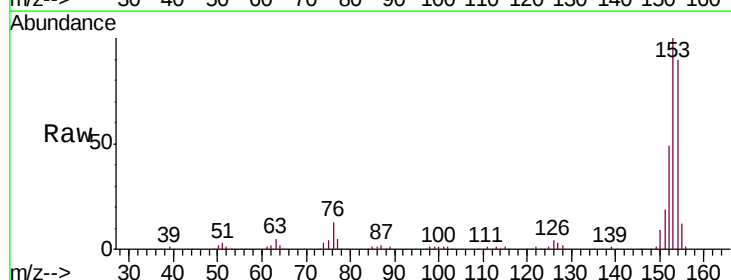
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

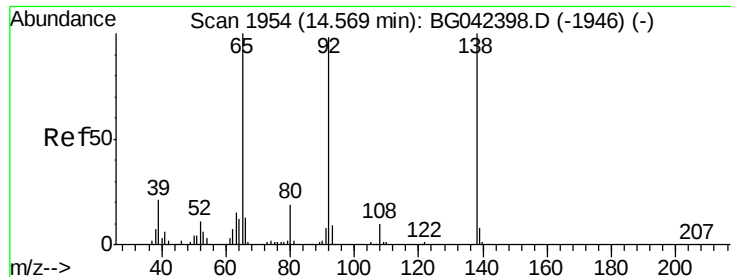
Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.9	30.6	45.8
89	39.6	32.6	49.0



#52
 Acenaphthene
 Concen: 41.758 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.2	135.4
152	54.3	43.2	64.8

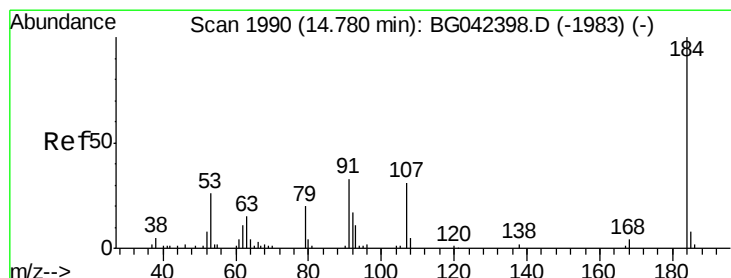
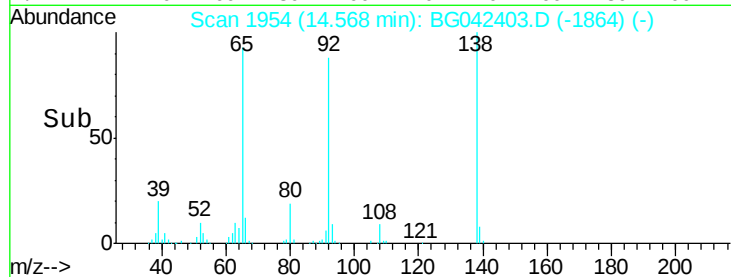
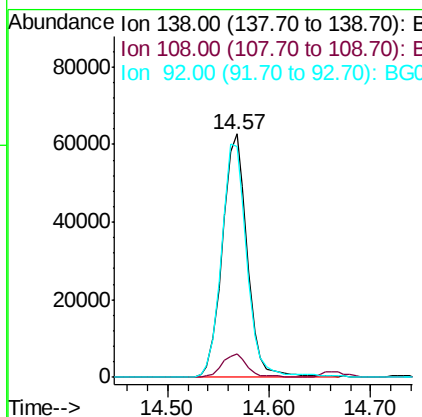
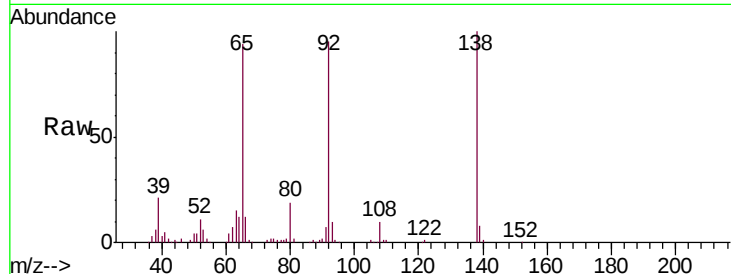




#53
3-Nitroaniline
Concen: 42.414 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

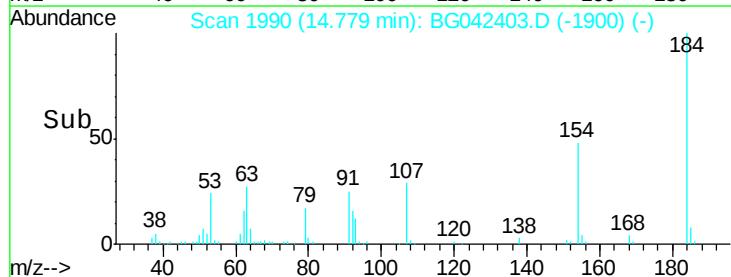
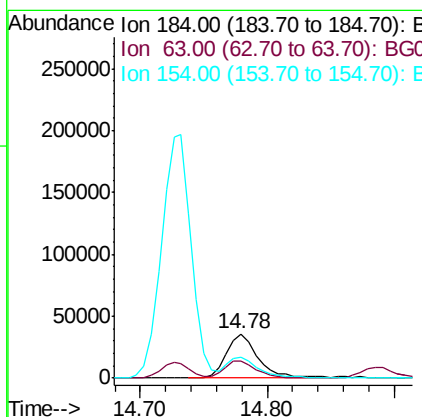
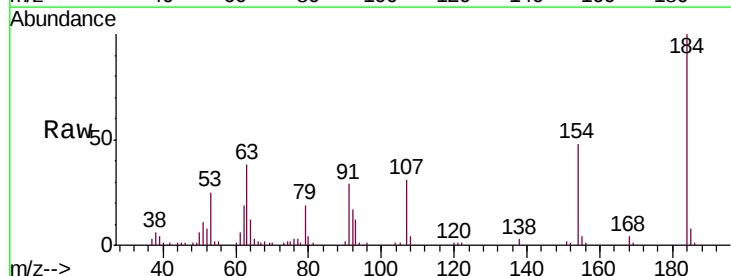
Instrument :
BNA_G
ClientSampleId :
ICVBG082219

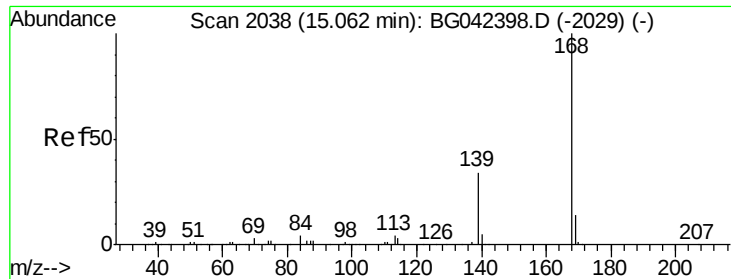
Tgt Ion:138 Resp: 106549
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 94.6 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 40.328 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion:184 Resp: 62582
Ion Ratio Lower Upper
184 100
63 37.5 31.7 47.5
154 47.5 42.0 63.0

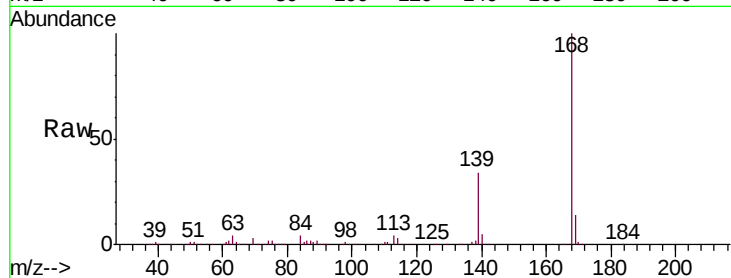




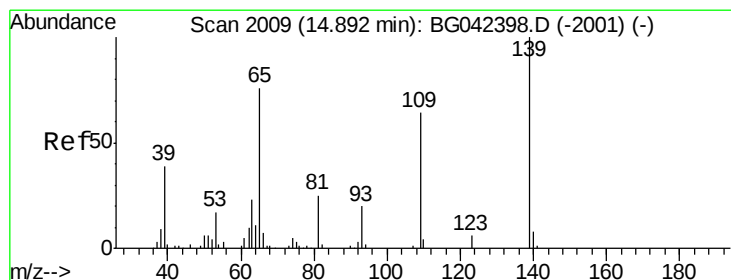
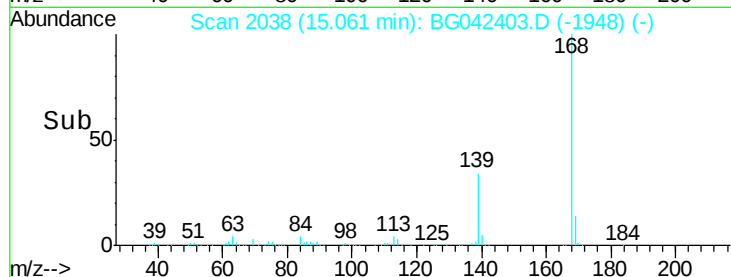
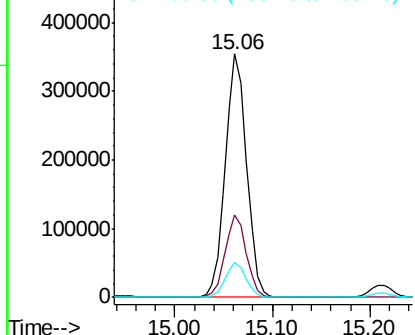
#55
Dibenzenofuran
Concen: 42.188 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

Tgt Ion:168 Resp: 534044
Ion Ratio Lower Upper
168 100
139 34.0 27.2 40.8
169 14.2 11.5 17.3

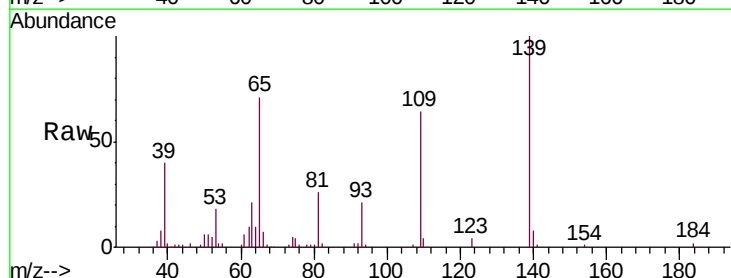


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

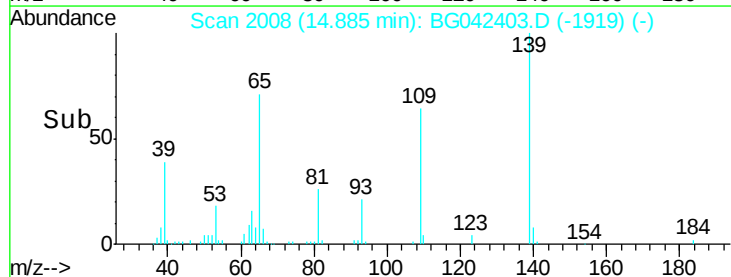
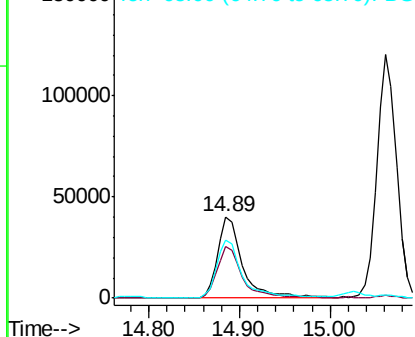


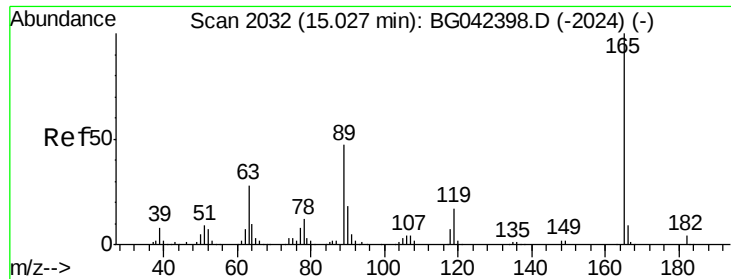
#56
4-Nitrophenol
Concen: 43.031 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion:139 Resp: 76813
Ion Ratio Lower Upper
139 100
109 63.9 43.9 83.9
65 71.5 56.3 96.3



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

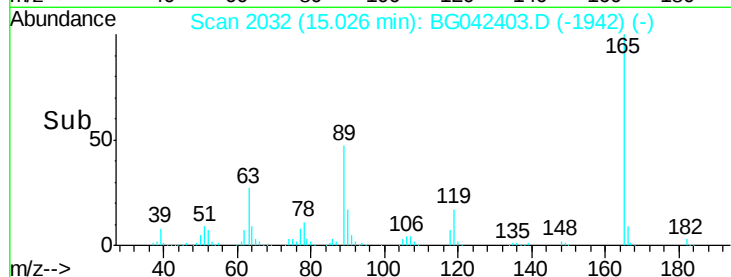
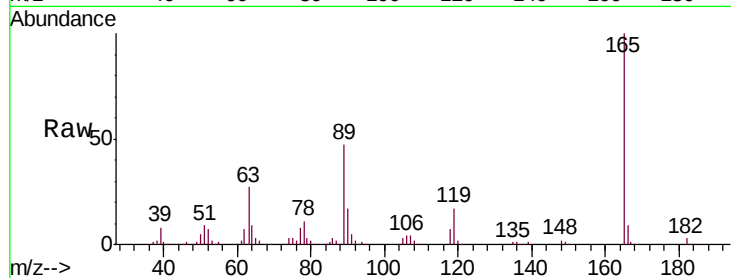




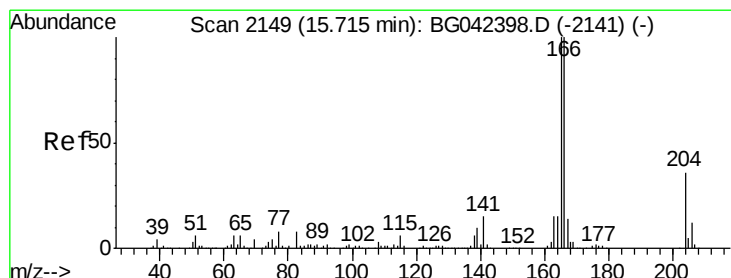
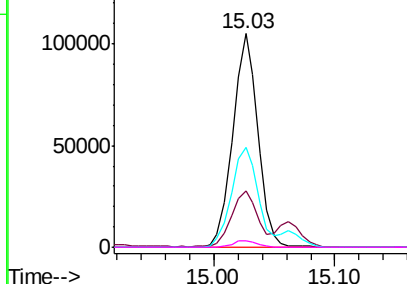
#57
2,4-Dinitrotoluene
Concen: 42.179 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

Tgt Ion:	165	Resp:	151716
Ion	Ratio	Lower	Upper
165	100		
63	26.6	22.5	33.7
89	46.6	37.8	56.6
182	3.2	3.0	4.4

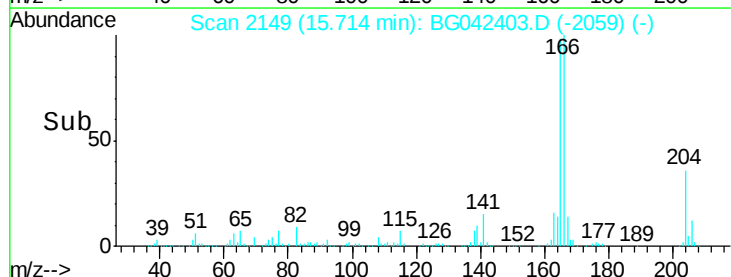
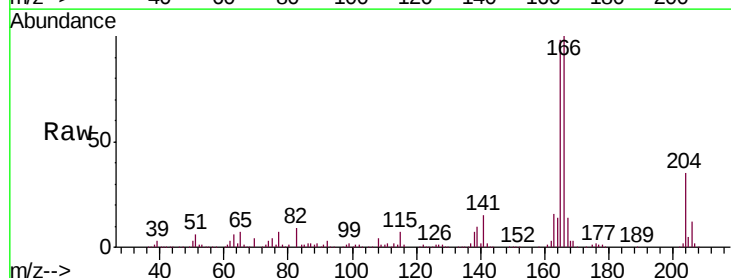


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

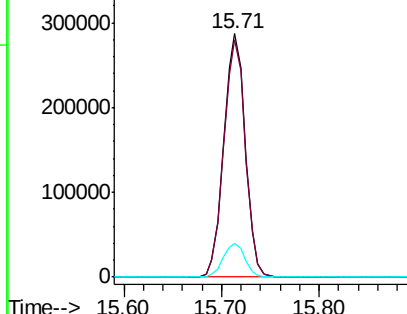


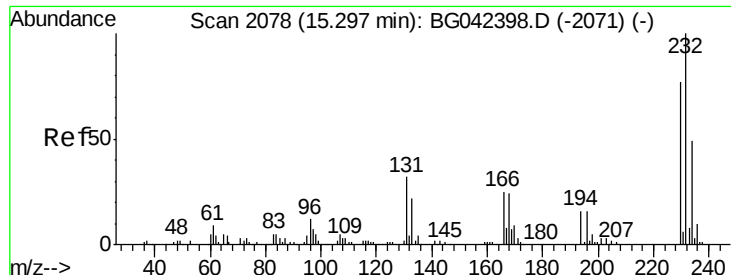
#58
Fluorene
Concen: 42.191 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion:	166	Resp:	436581
Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.7	119.5
167	13.9	10.9	16.3



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

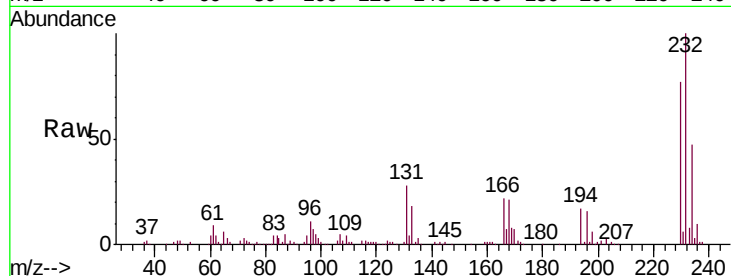




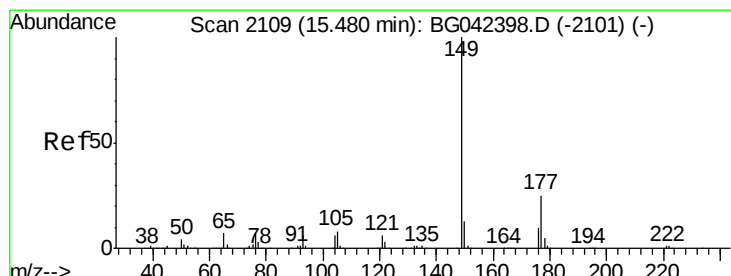
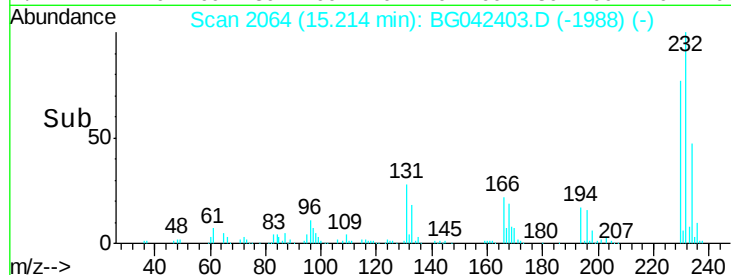
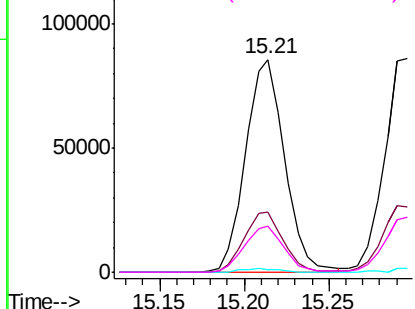
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.106 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.08 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

Tgt Ion:	232	Resp:	137335
Ion	Ratio	Lower	Upper
232	100		
131	28.5	22.9	34.3
130	1.6	1.4	2.0
166	21.9	17.0	25.4

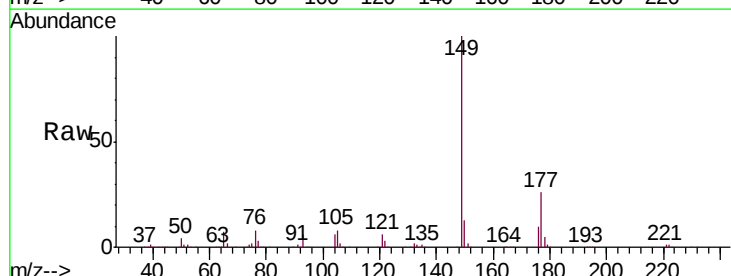


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

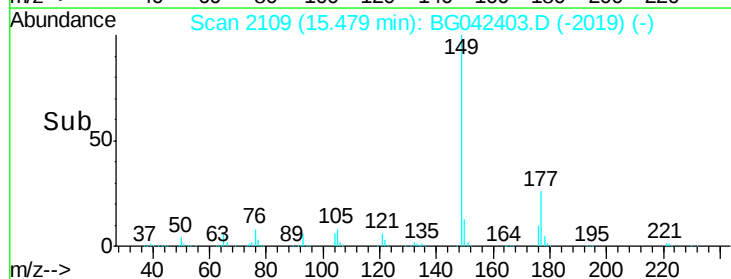
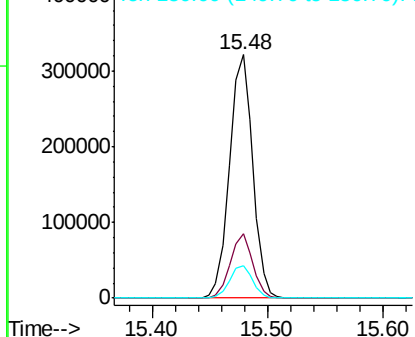


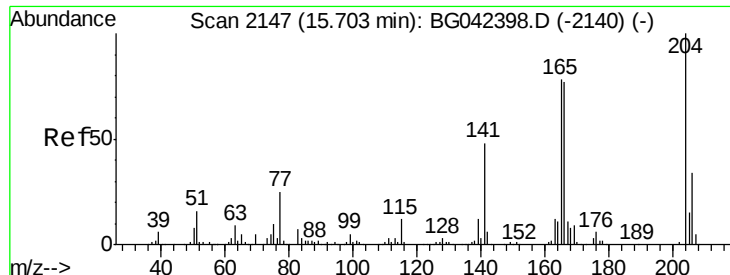
#60
 Diethylphthalate
 Concen: 42.048 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion:	149	Resp:	445435
Ion	Ratio	Lower	Upper
149	100		
177	26.4	20.4	30.6
150	13.2	10.3	15.5



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

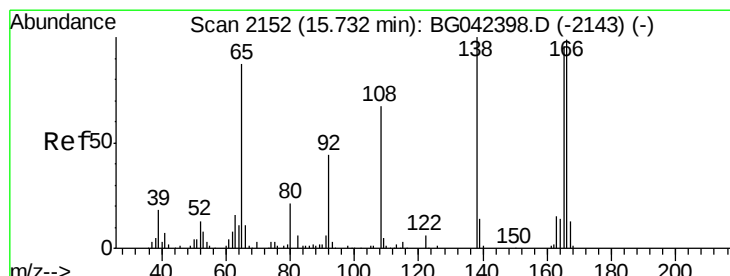
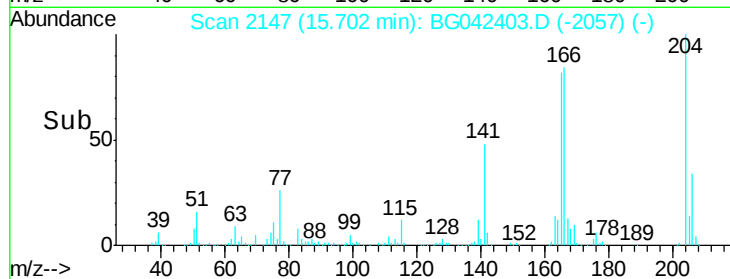
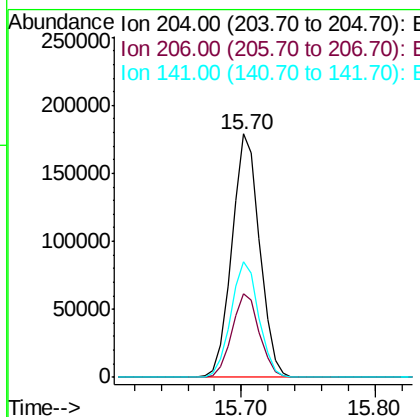
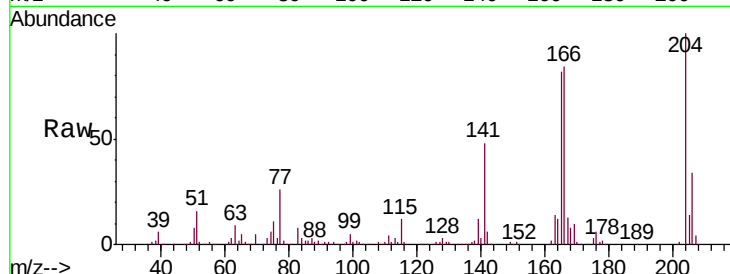




#61
 4-Chlorophenyl-phenylether
 Concen: 41.435 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

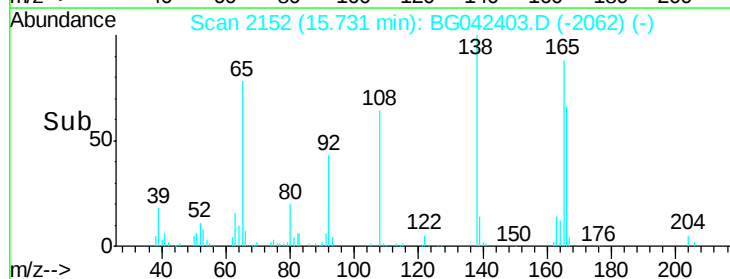
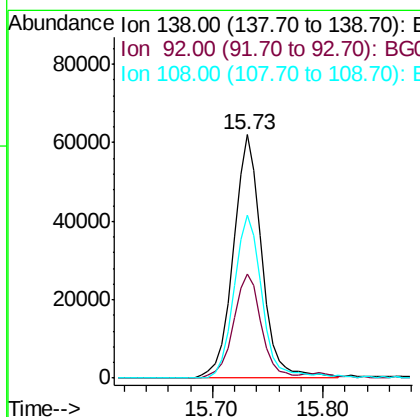
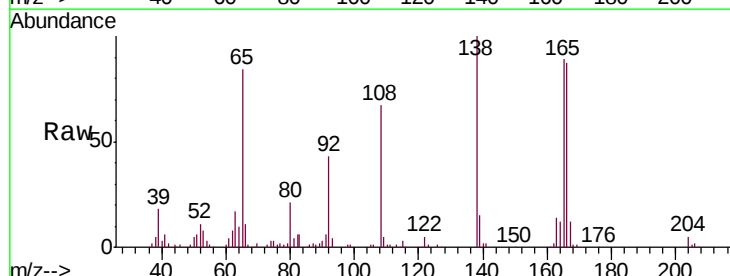
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

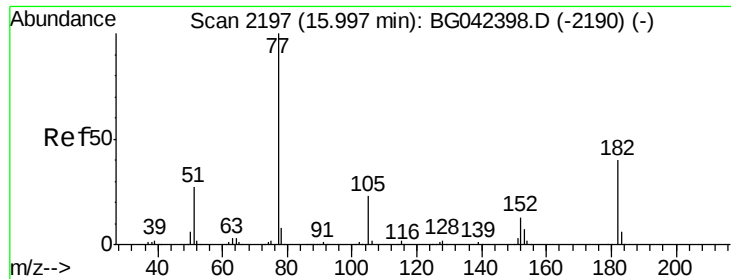
Tgt Ion:204 Resp: 258466
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.2 40.8
 141 47.6 38.7 58.1



#62
 4-Nitroaniline
 Concen: 41.444 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion:138 Resp: 111427
 Ion Ratio Lower Upper
 138 100
 92 43.0 24.2 64.2
 108 67.1 46.8 86.8

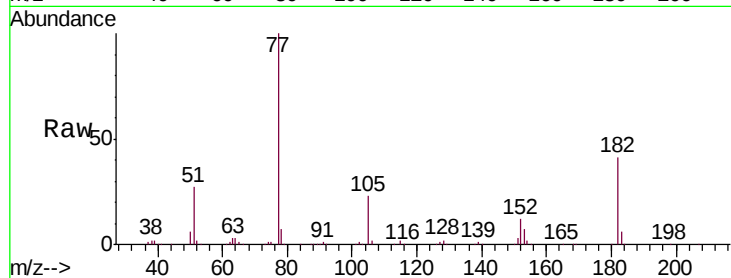




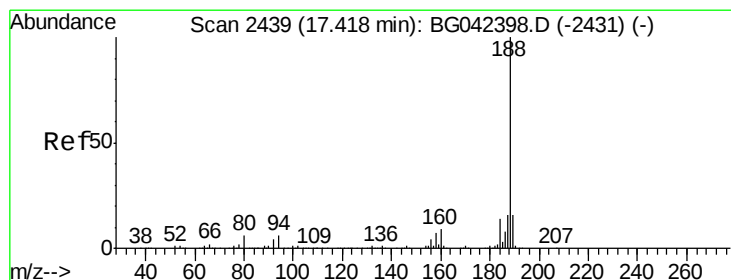
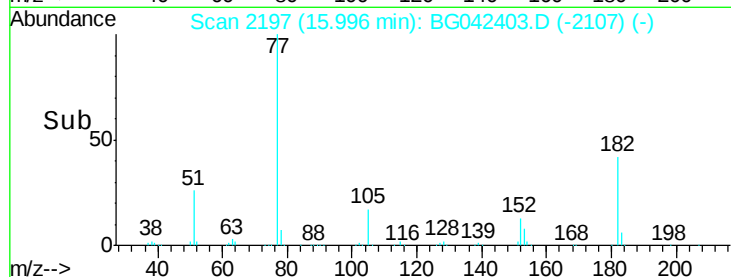
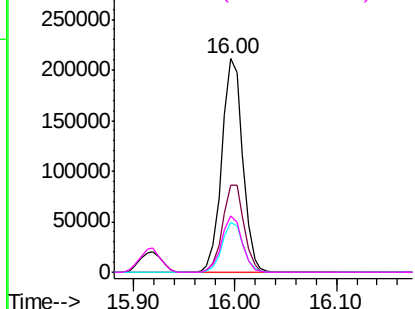
#63
Azobenzene
Concen: 41.671 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

Tgt Ion:	77	Resp:	302488
Ion	Ratio	Lower	Upper
77	100		
182	41.0	19.9	59.9
105	23.3	2.9	42.9
51	26.6	7.6	47.6

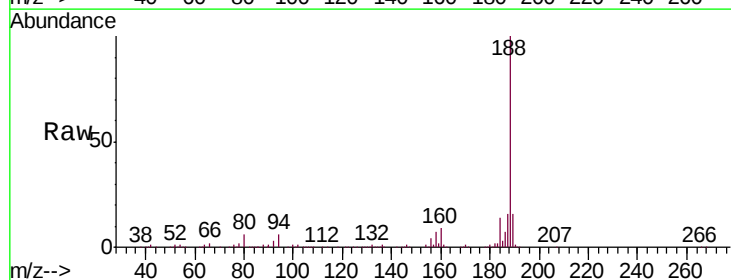


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

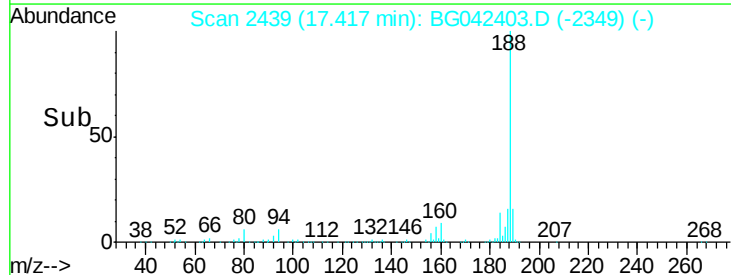
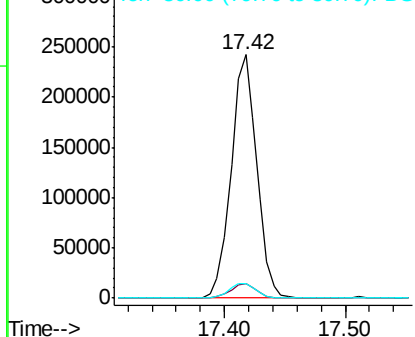


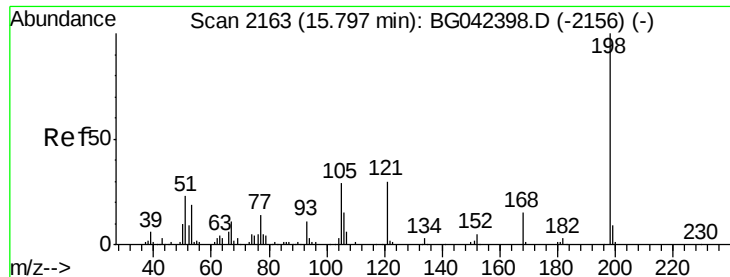
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion:	188	Resp:	356236
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.5	6.7
80	5.8	4.9	7.3



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

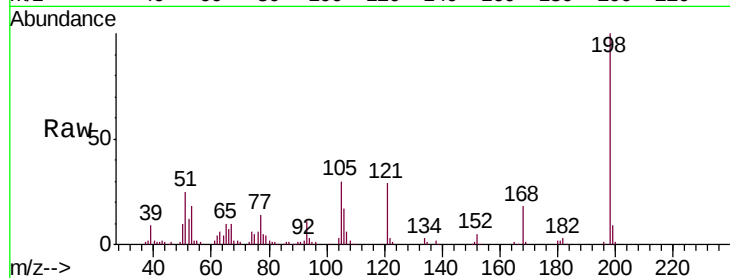




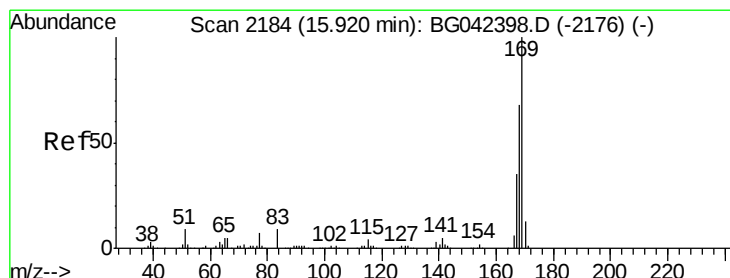
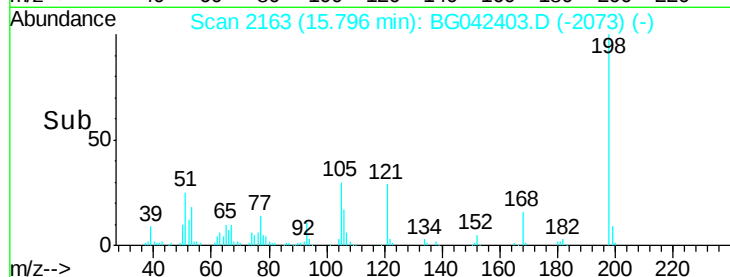
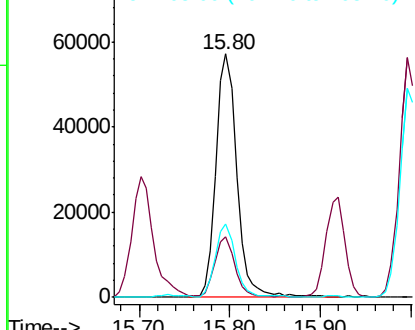
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.916 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

Tgt Ion	Resp	Lower	Upper
198	91384		
51	25.1	4.2	44.2
105	30.0	8.8	48.8

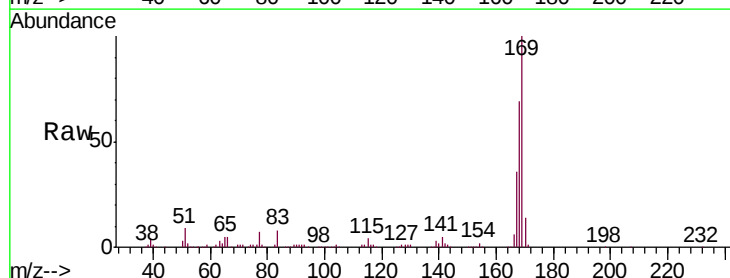


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

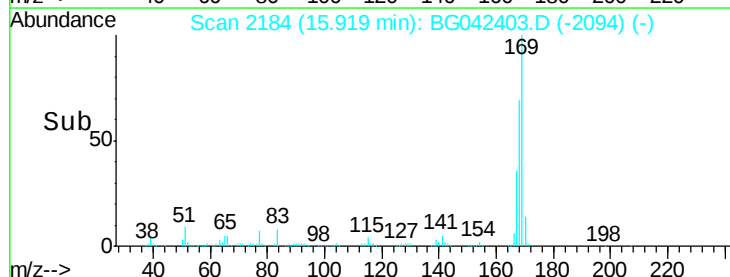
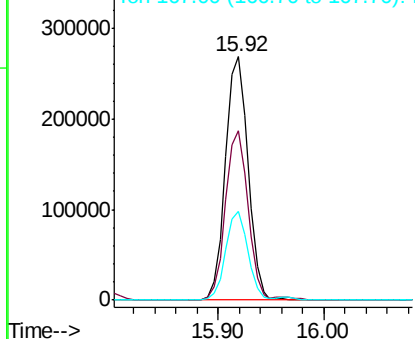


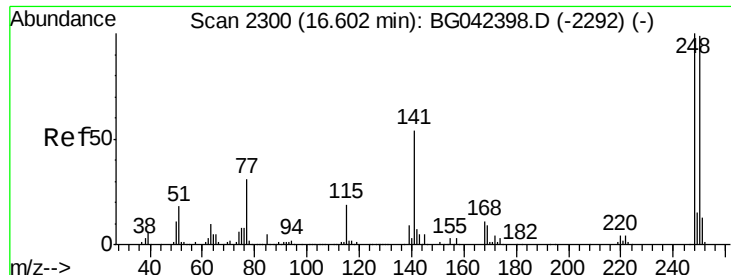
#66
 n-Nitrosodiphenylamine
 Concen: 40.566 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion	Resp	Lower	Upper
169	397416		
168	69.3	54.3	81.5
167	36.3	28.2	42.2



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

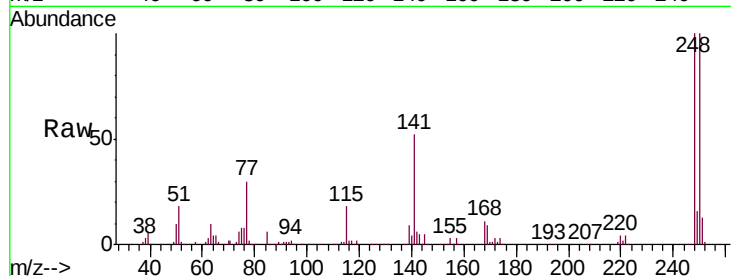




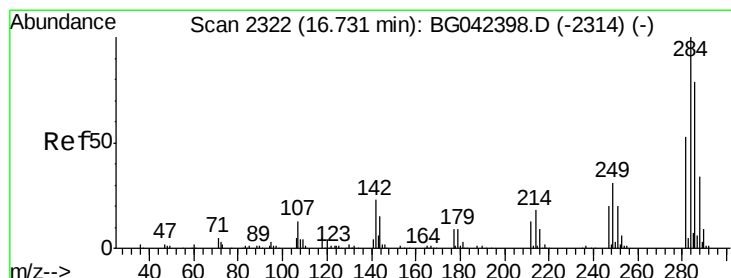
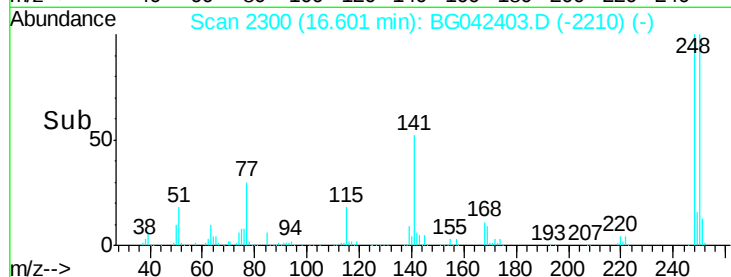
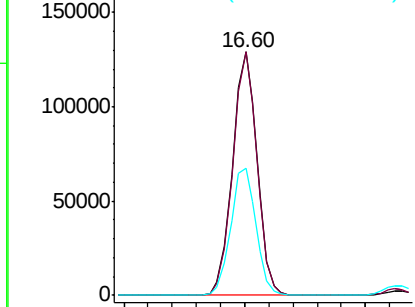
#67
 4-Bromophenyl-phenylether
 Concen: 40.510 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

Tgt Ion: 248 Resp: 183050
 Ion Ratio Lower Upper
 248 100
 250 100.0 78.9 118.3
 141 52.4 43.3 64.9

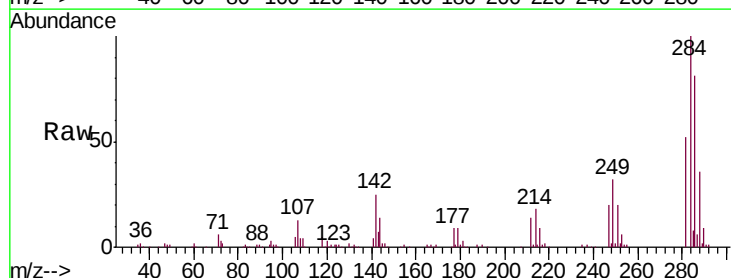


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

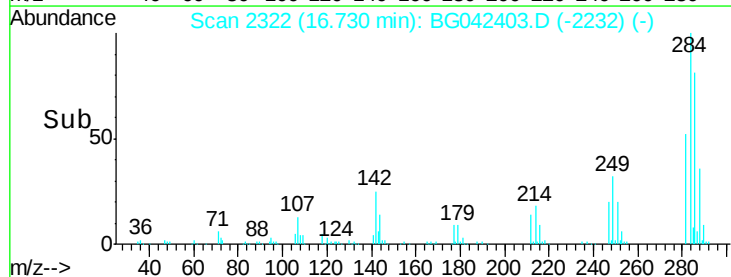
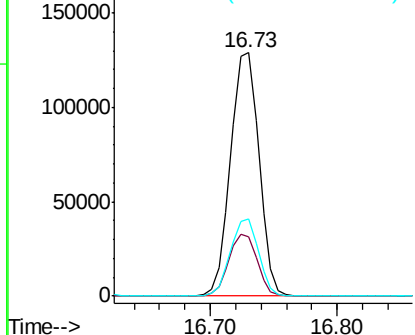


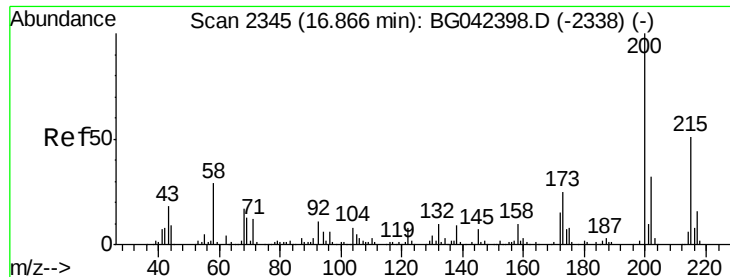
#68
 Hexachlorobenzene
 Concen: 40.678 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion: 284 Resp: 199816
 Ion Ratio Lower Upper
 284 100
 142 24.6 18.2 27.4
 249 31.7 25.0 37.4



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





#69

Atrazine

Concen: 37.262 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

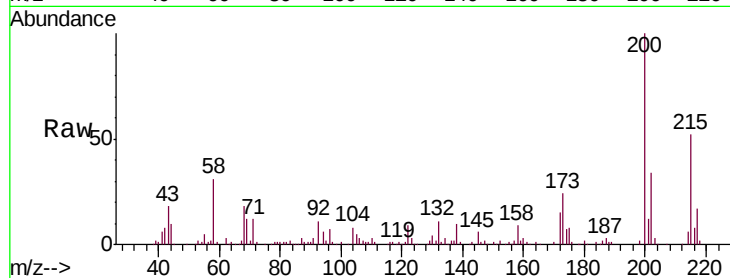
Tgt Ion:200 Resp: 129090

Ion Ratio Lower Upper

200 100

173 24.2 4.9 44.9

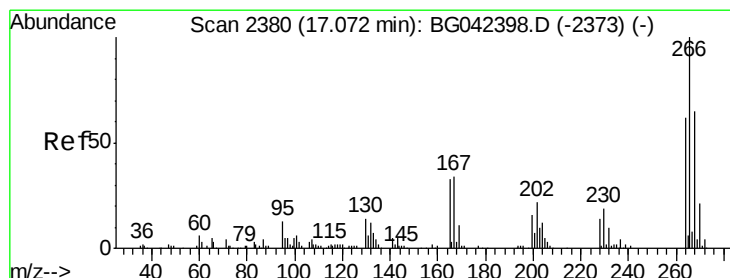
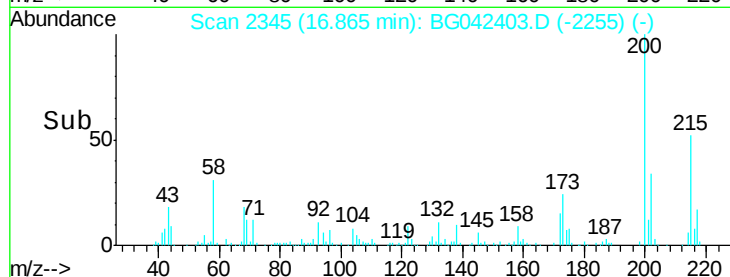
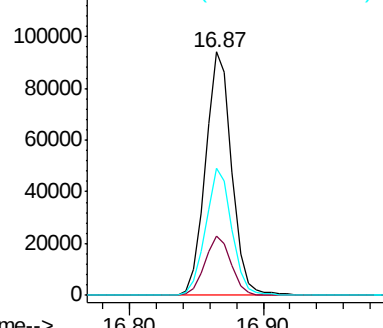
215 52.3 30.7 70.7



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: 40.760 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

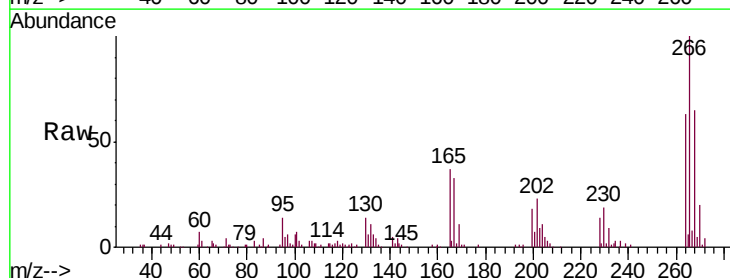
Tgt Ion:266 Resp: 104029

Ion Ratio Lower Upper

266 100

268 64.8 52.1 78.1

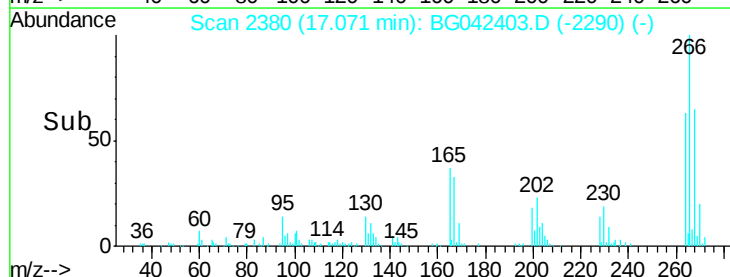
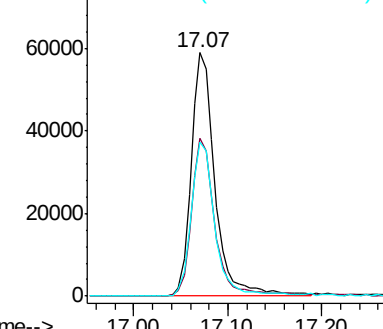
264 63.1 49.4 74.2

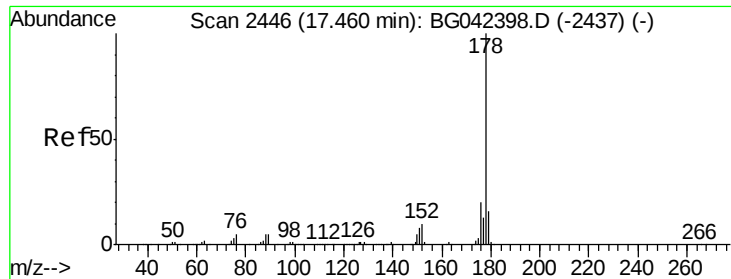


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

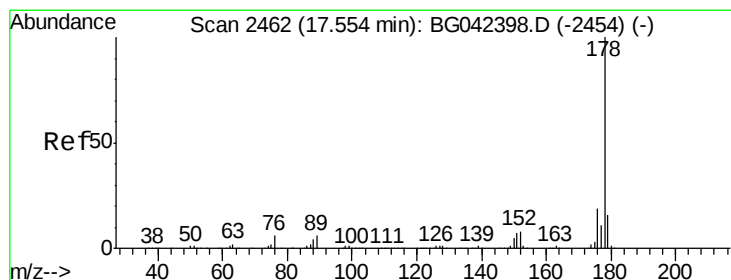
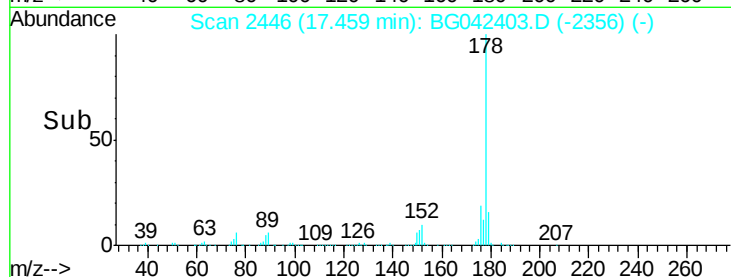
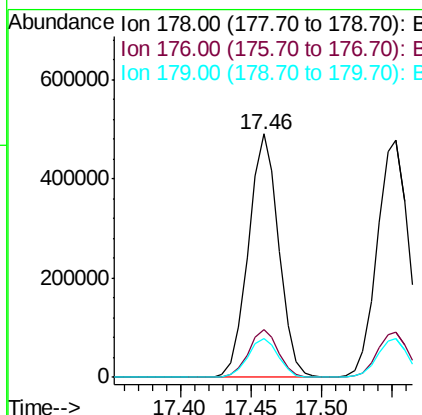
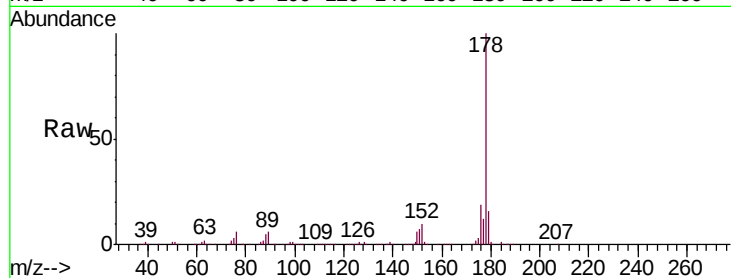




#71
Phenanthrene
Concen: 41.891 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

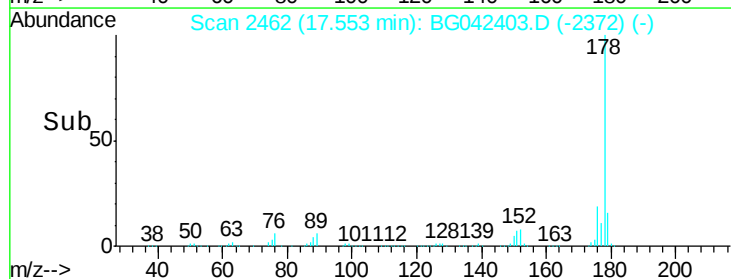
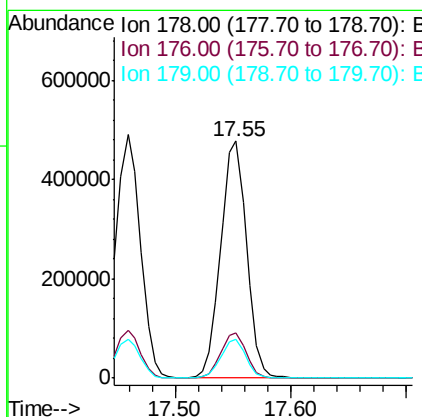
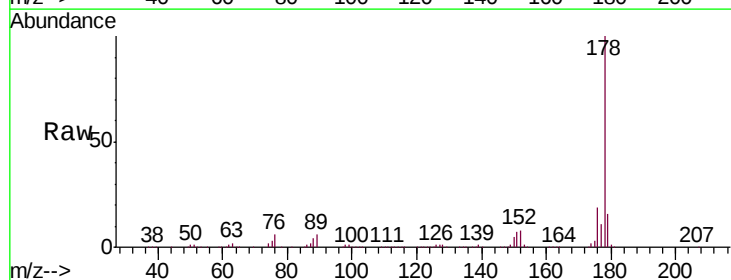
Instrument :
BNA_G
ClientSampleId :
ICVBG082219

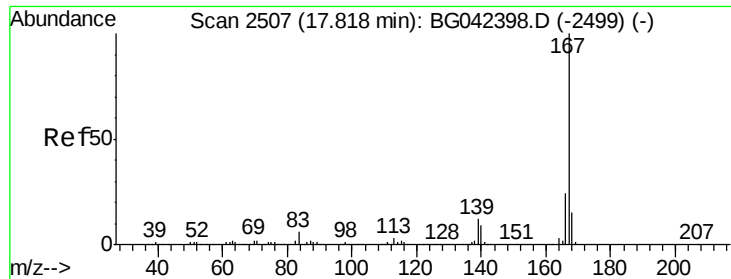
Tgt Ion:178 Resp: 741251
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.2 12.7 19.1



#72
Anthracene
Concen: 42.014 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion:178 Resp: 742164
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.2 12.9 19.3

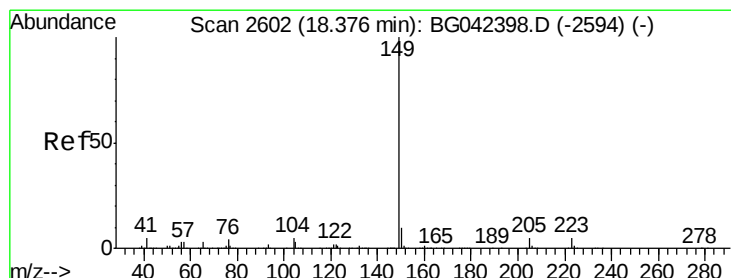
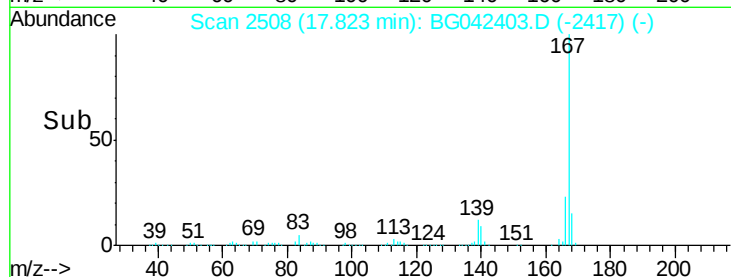
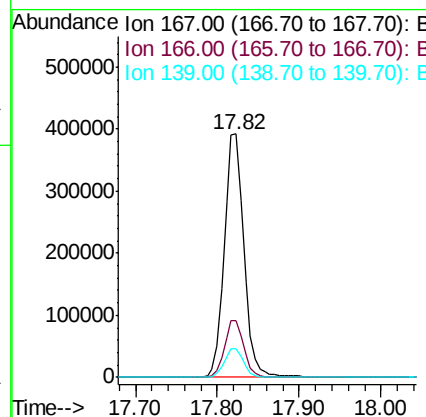
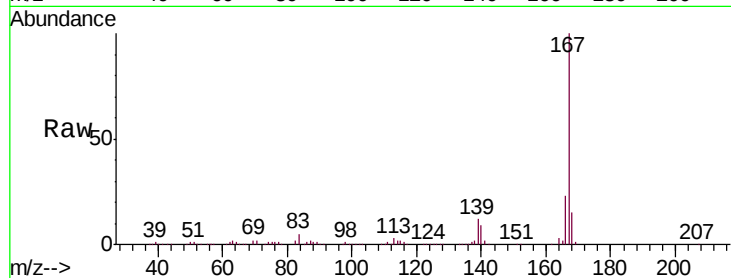




#73
 Carbazole
 Concen: 41.780 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

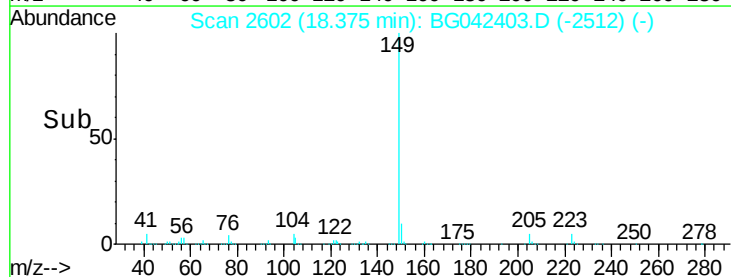
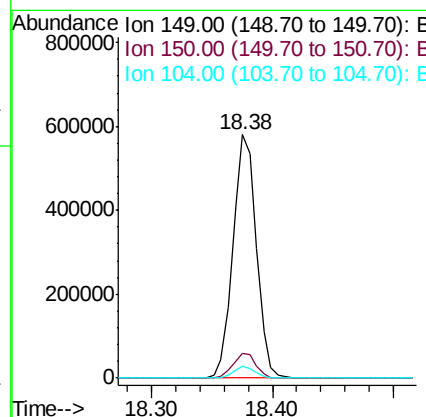
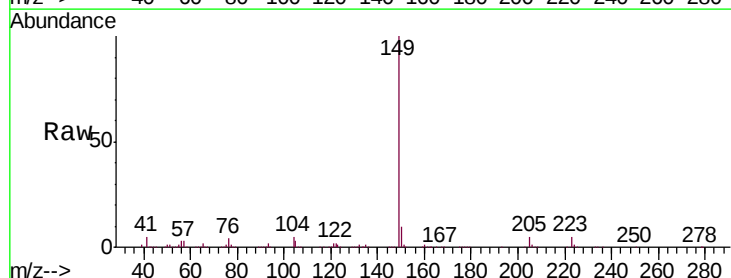
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

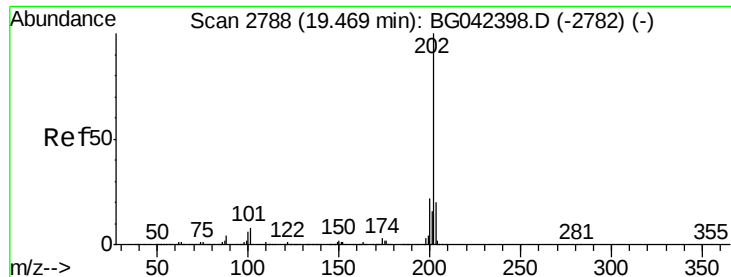
Tgt Ion:167 Resp: 657764
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.9 28.3
 139 12.0 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 41.916 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG042403.D
 Acq: 22 Aug 2019 16:23

Tgt Ion:149 Resp: 780070
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 42.529 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

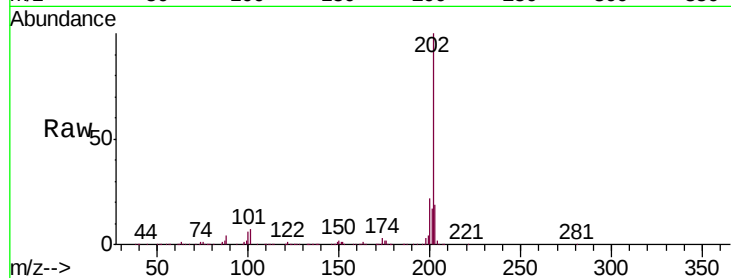
Tgt Ion:202 Resp: 918416

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.3

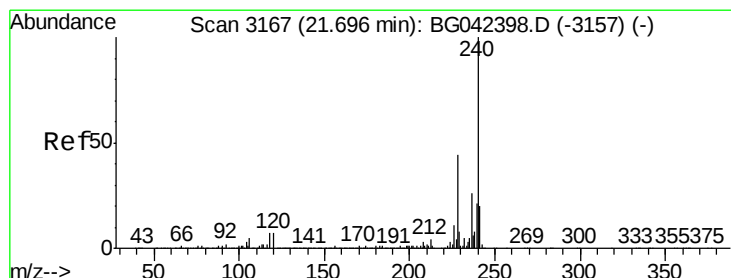
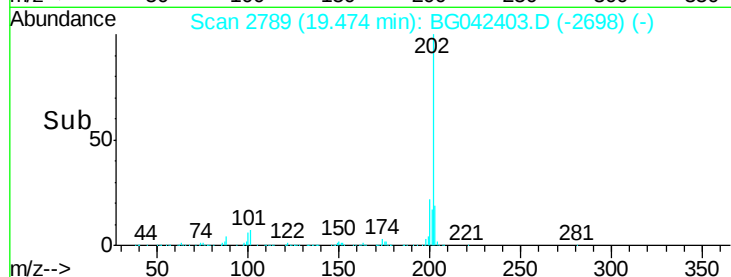
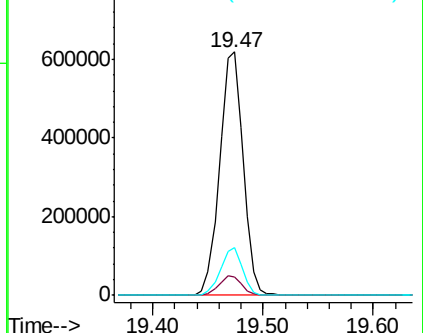
203 19.5 0.0 39.6



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: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

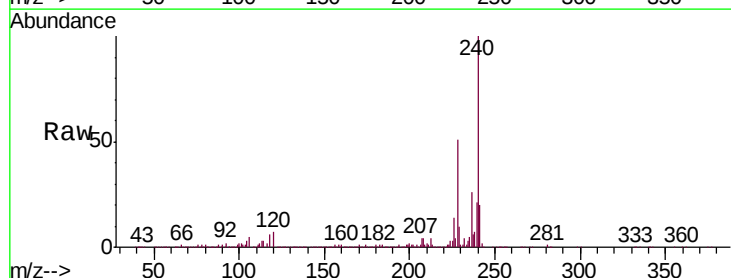
Tgt Ion:240 Resp: 355807

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

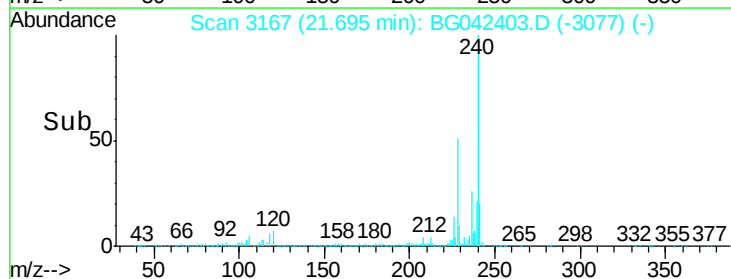
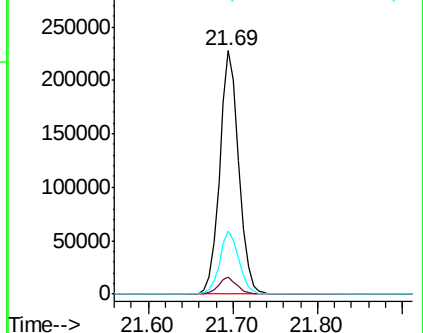
236 26.1 21.0 31.4

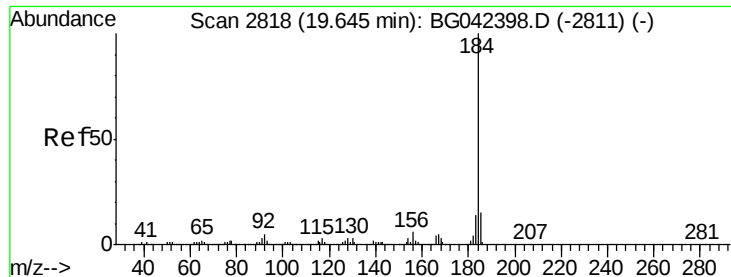


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.070 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

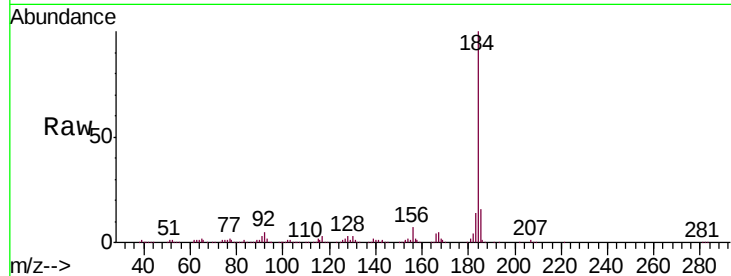
Tgt Ion:184 Resp: 408757

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.4

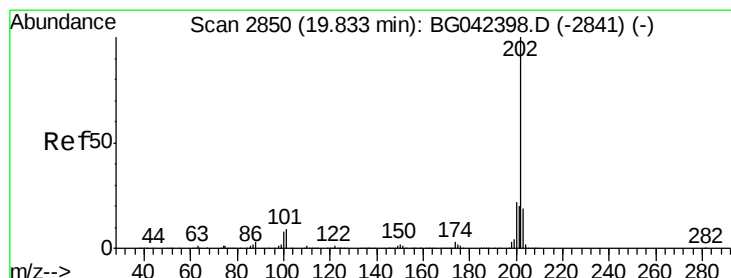
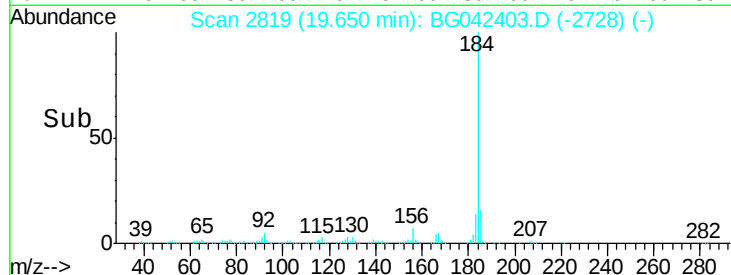
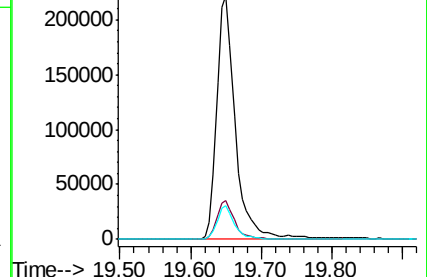
183 13.7 10.8 16.2



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: 42.375 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

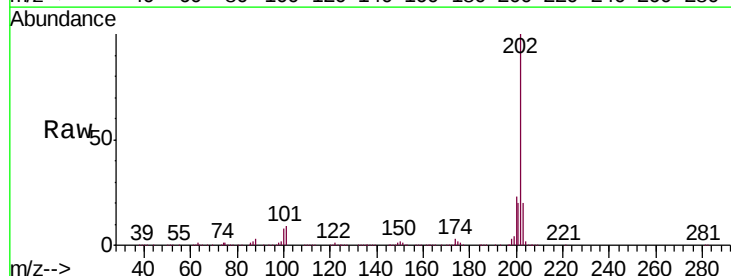
Tgt Ion:202 Resp: 924384

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.6

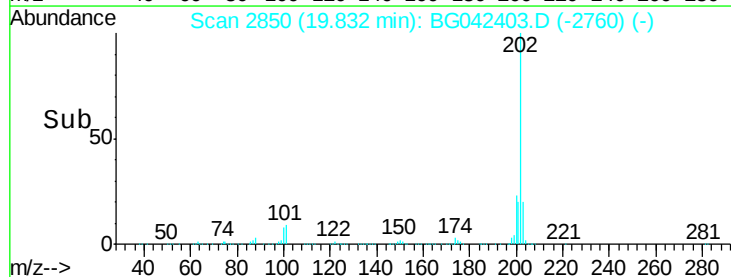
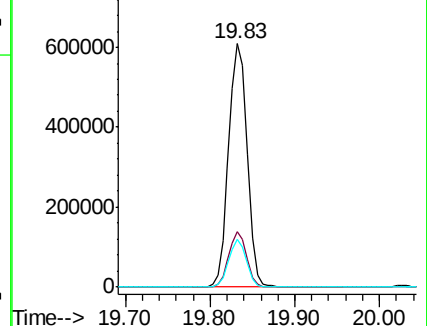
203 19.7 15.5 23.3

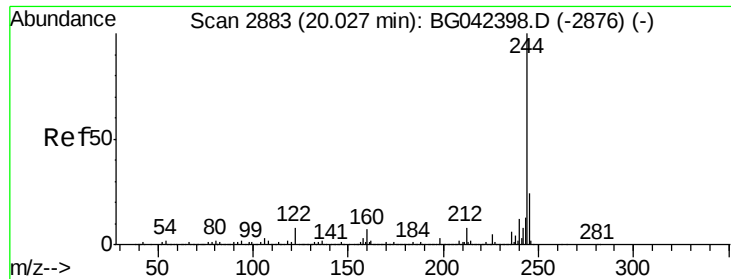


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.391 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

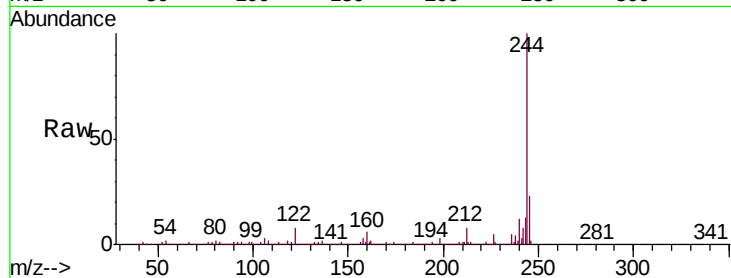
Tgt Ion:244 Resp: 1355991

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

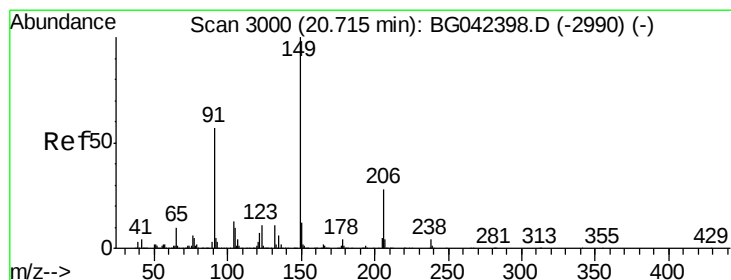
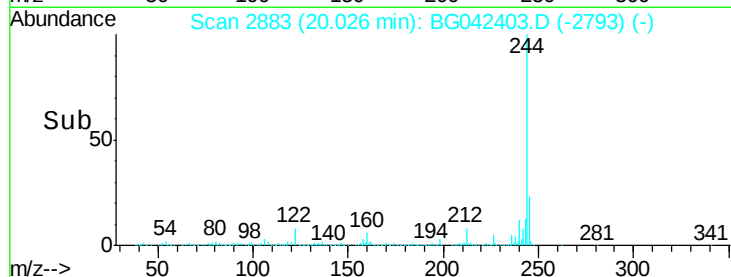
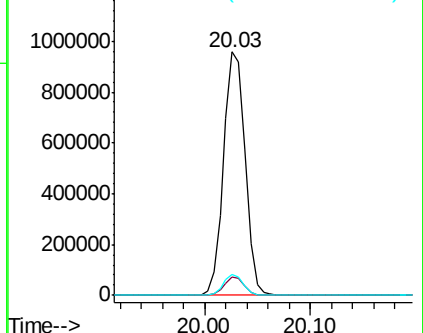
122 8.3 6.7 10.1



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: 41.649 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

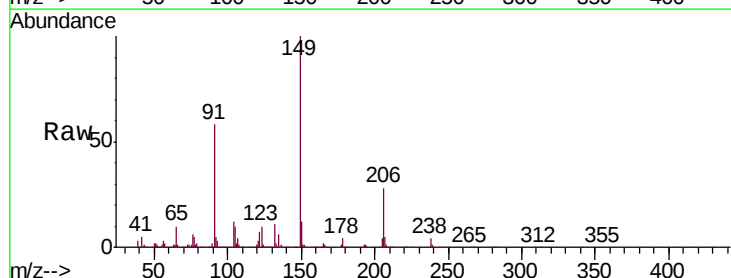
Tgt Ion:149 Resp: 357350

Ion Ratio Lower Upper

149 100

91 57.6 45.9 68.9

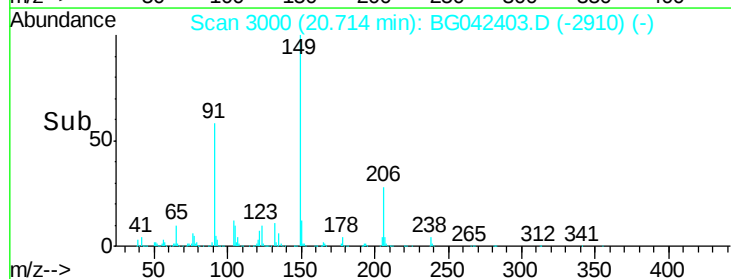
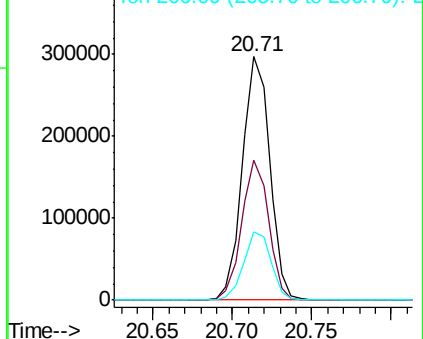
206 28.0 22.5 33.7

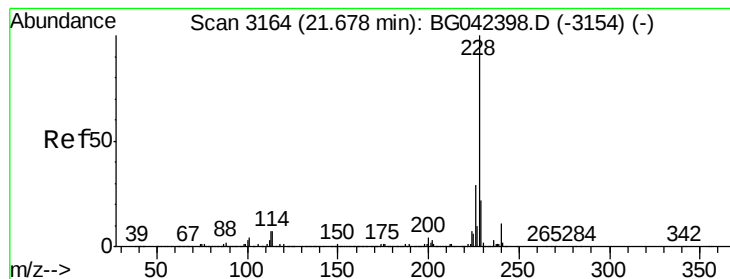


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.445 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

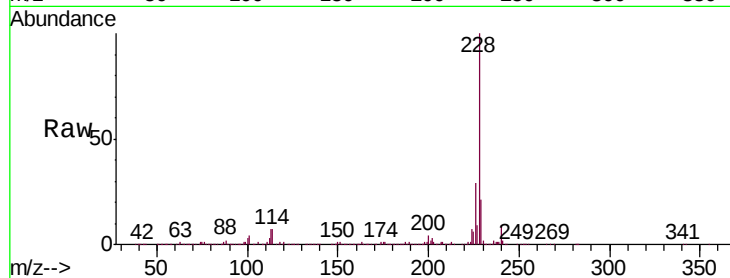
Tgt Ion:228 Resp: 897059

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

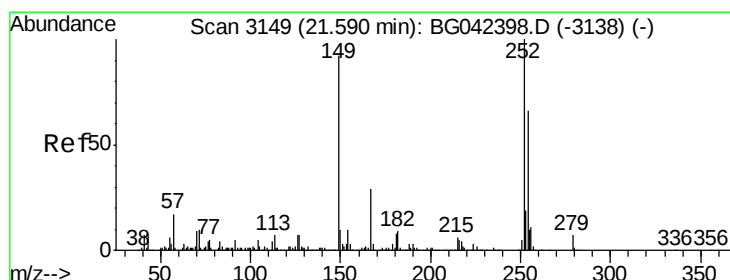
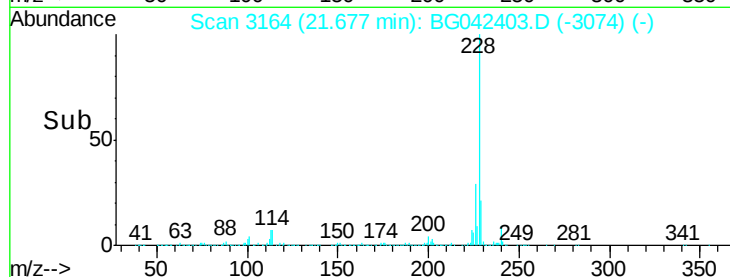
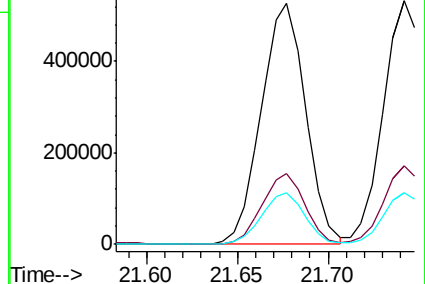
229 21.4 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.278 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

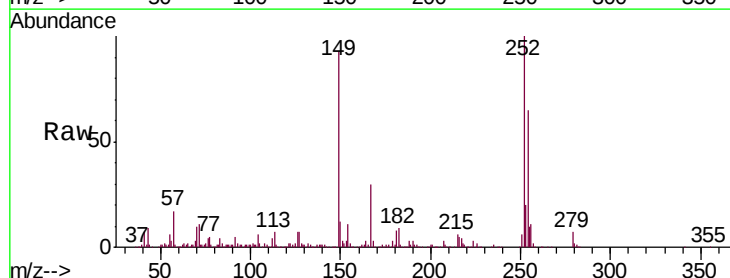
Tgt Ion:252 Resp: 359326

Ion Ratio Lower Upper

252 100

254 64.9 53.0 79.4

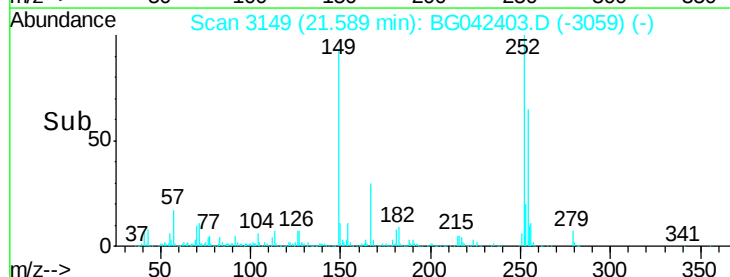
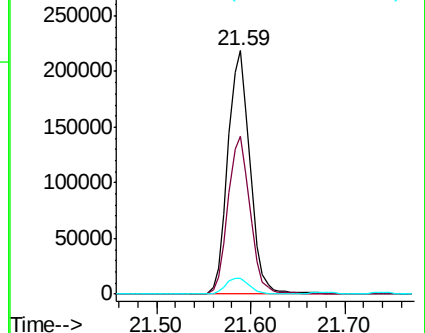
126 6.7 5.7 8.5

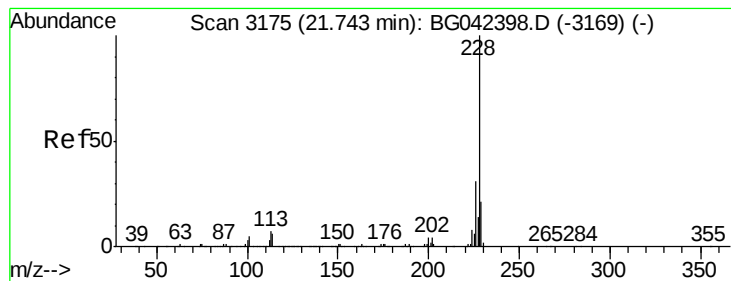


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.487 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

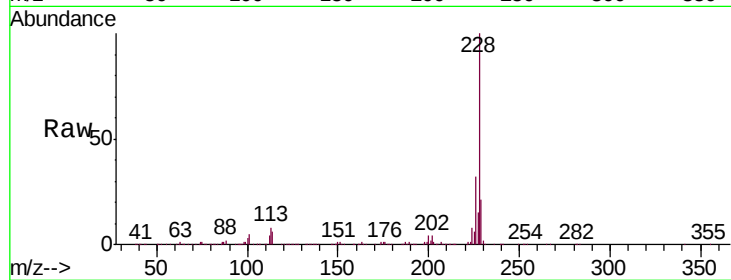
Tgt Ion:228 Resp: 866004

Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

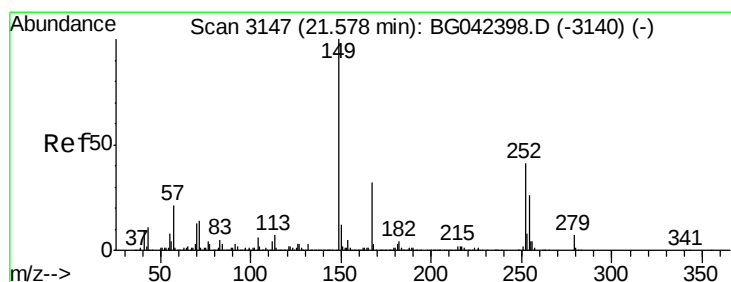
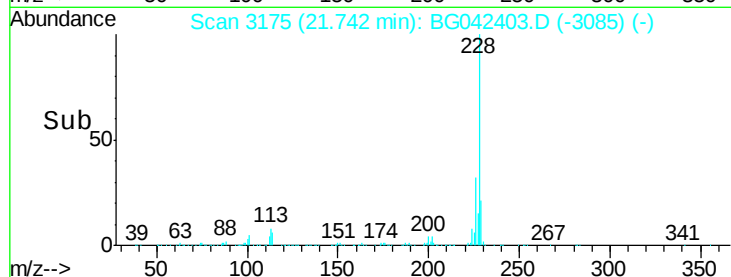
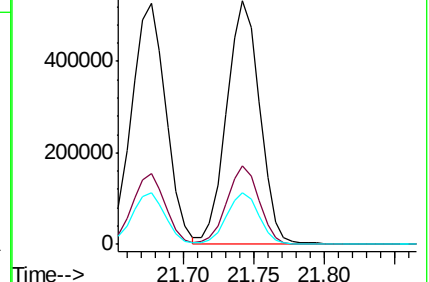
229 21.2 16.9 25.3



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: 41.528 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

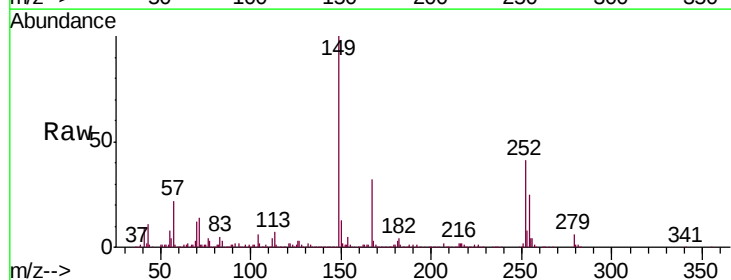
Tgt Ion:149 Resp: 494717

Ion Ratio Lower Upper

149 100

167 32.3 26.0 39.0

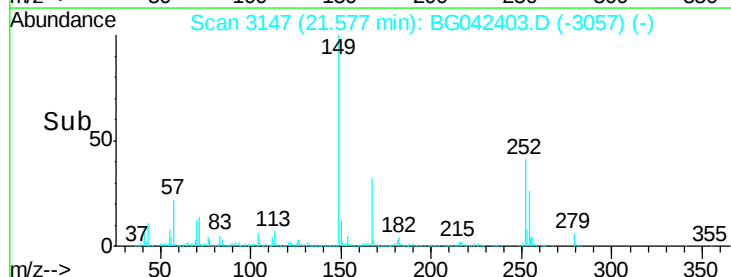
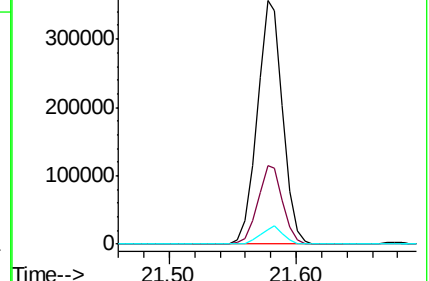
279 6.1 5.4 8.0

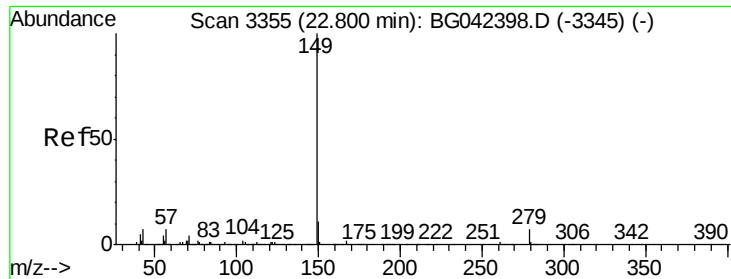


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

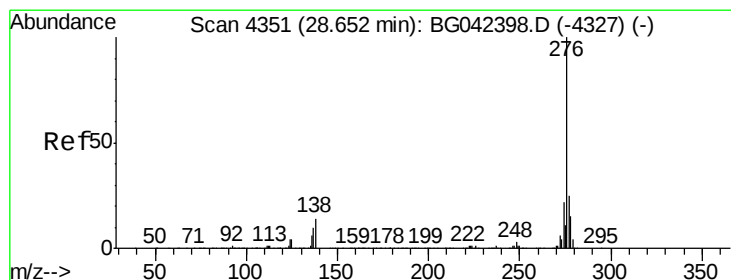
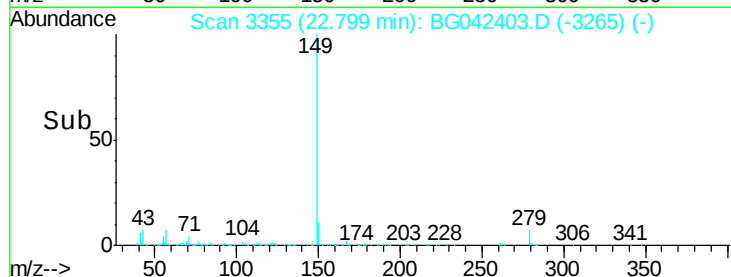
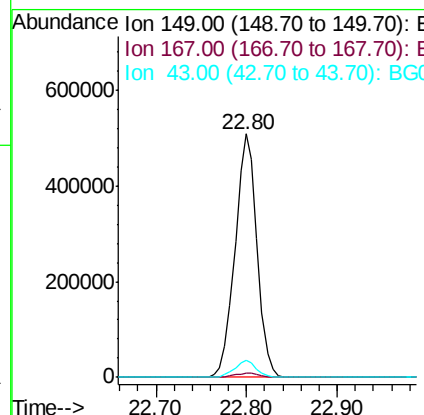
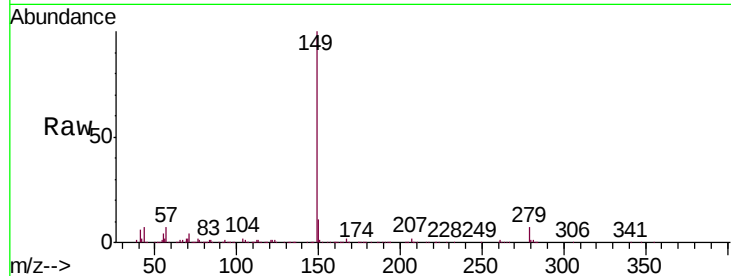




#85
Di-n-octyl phthalate
Concen: 41.841 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

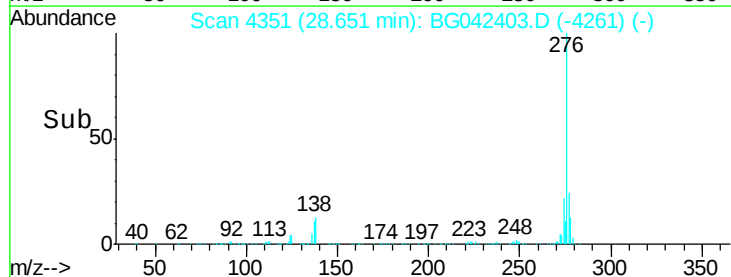
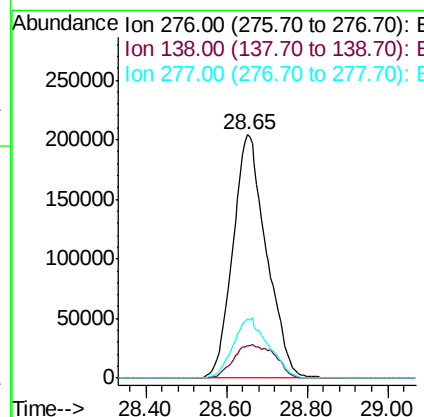
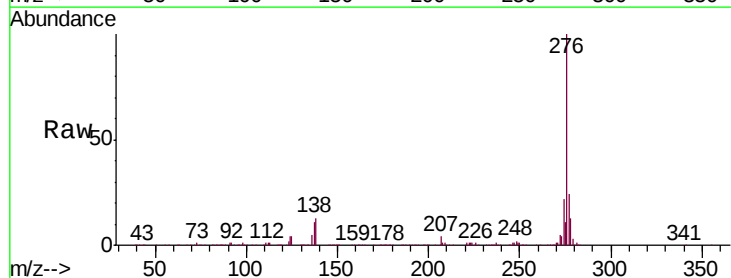
Instrument :
BNA_G
ClientSampleId :
ICVBG082219

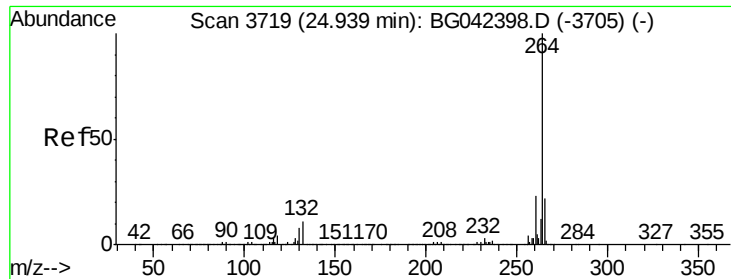
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.7	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.521 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	9.2	13.8#
277	25.9	21.0	31.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

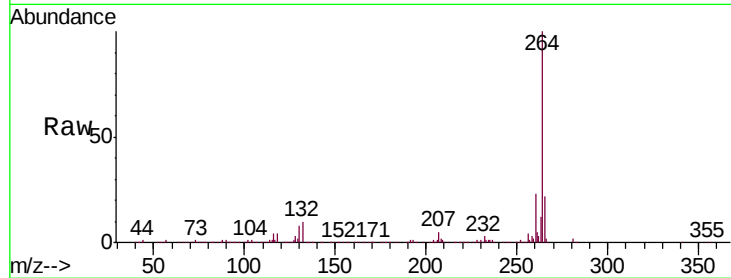
Tgt Ion:264 Resp: 433116

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

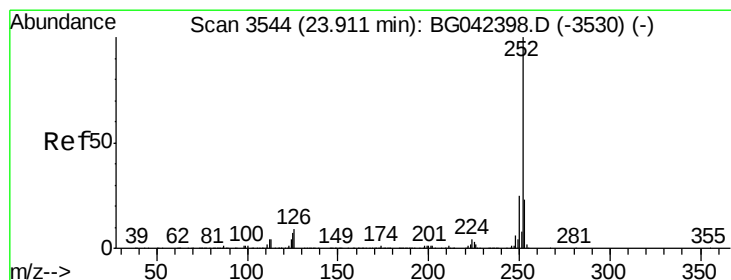
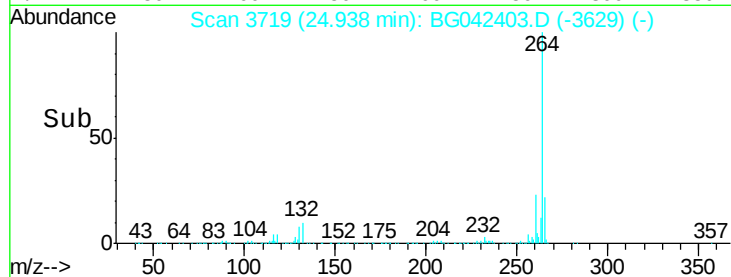
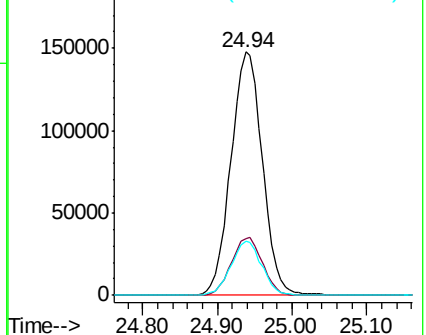
265 22.0 17.6 26.4



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: 41.863 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

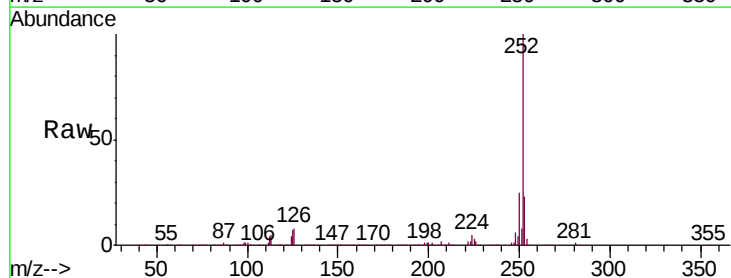
Tgt Ion:252 Resp: 996815

Ion Ratio Lower Upper

252 100

253 22.7 18.6 27.8

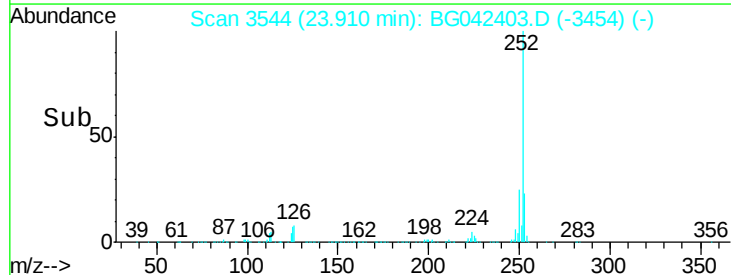
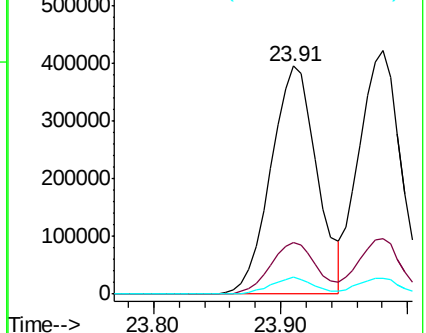
125 7.4 5.6 8.4

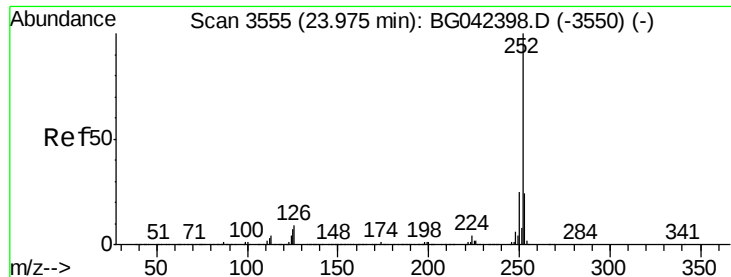


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.997 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA_G

ClientSampleId :

ICVBG082219

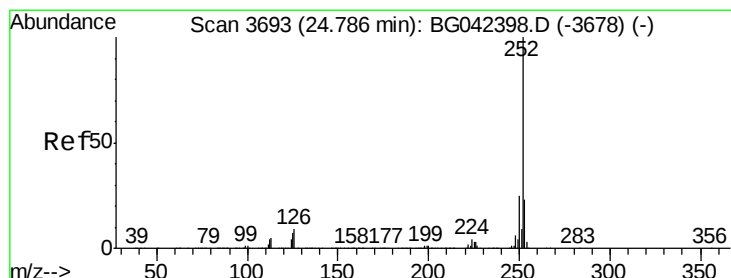
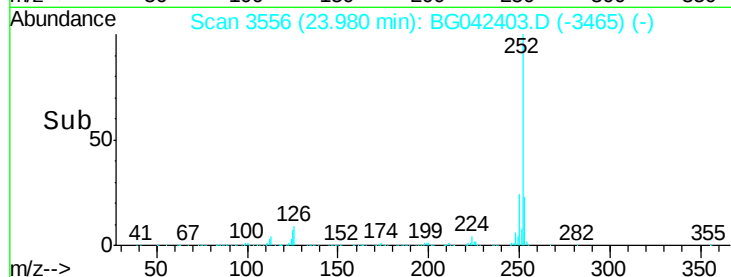
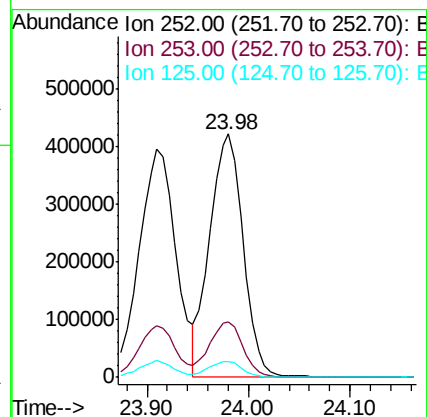
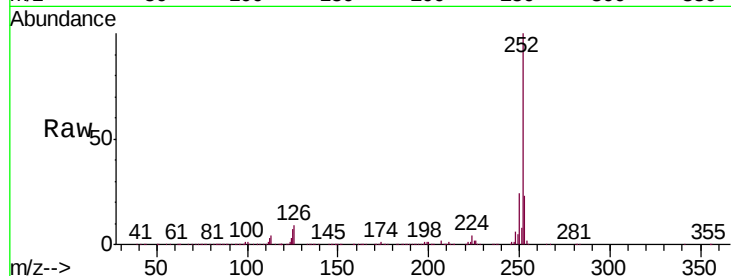
Tgt Ion:252 Resp: 961219

Ion Ratio Lower Upper

252 100

253 22.6 18.6 27.8

125 6.6 5.8 8.6



#90

Benzo(a)pyrene

Concen: 41.944 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

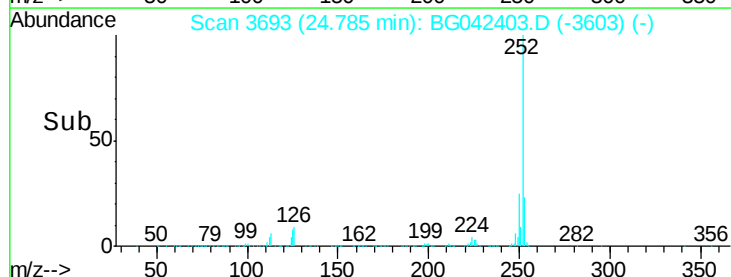
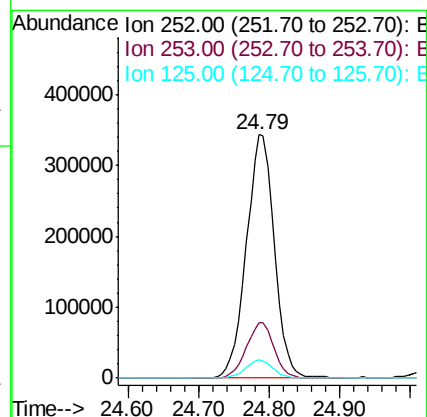
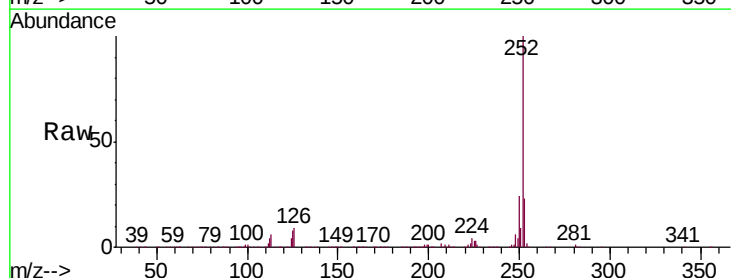
Tgt Ion:252 Resp: 947705

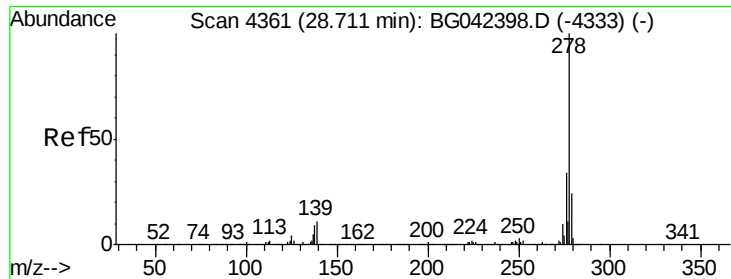
Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 7.7 6.0 9.0

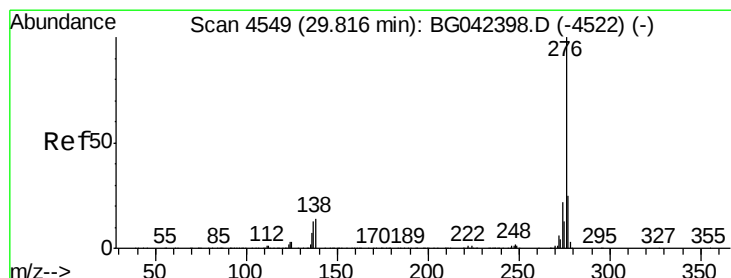
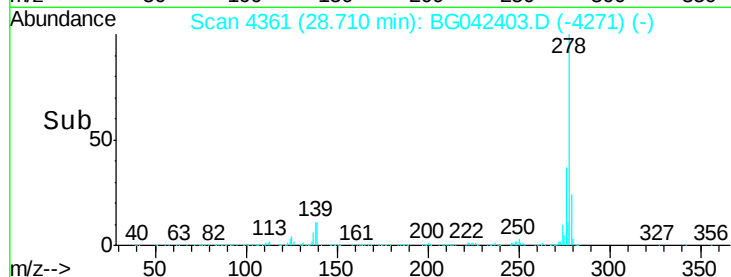
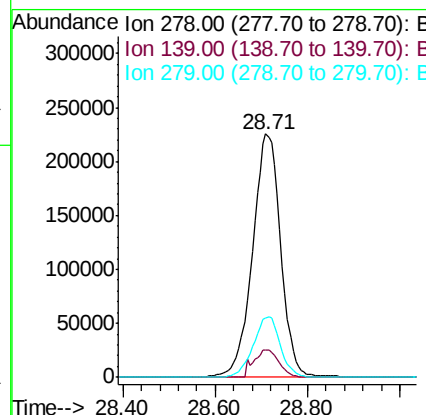
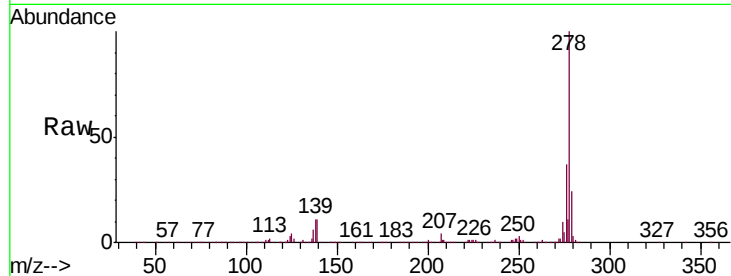




#91
Dibenzo(a,h)anthracene
Concen: 41.768 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	8.8	13.2
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 41.434 ng
RT: 29.81 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG042403.D
Acq: 22 Aug 2019 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	13.9	11.4	17.0

