

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042379.D
 Acq On : 21 Aug 2019 12:15
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 17:33:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	69652	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	281161	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	202814	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	424919	20.00	ng	0.00
76) Chrysene-d12	21.70	240	319261	20.00	ng	0.00
87) Perylene-d12	24.94	264	396449	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	275802	80.23	ng	0.00
7) Phenol-d6	7.18	99	366811	78.57	ng	0.01
23) Nitrobenzene-d5	9.18	82	333124	83.33	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	225868	81.77	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1001613	83.57	ng	0.00
79) Terphenyl-d14	20.03	244	1331170	91.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	56132	37.862	ng	99
3) Pyridine	3.83	79	151901	40.000	ng	97
4) n-Nitrosodimethylamine	3.75	42	54302	41.534	ng	94
6) Aniline	7.33	93	241592	39.208	ng	99
8) 2-Chlorophenol	7.58	128	164622	39.391	ng	97
9) Benzaldehyde	7.14	77	112519	42.844	ng	98
10) Phenol	7.21	94	184997	38.974	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	145641	38.846	ng	99
12) 1,3-Dichlorobenzene	7.90	146	212604	39.971	ng	98
13) 1,4-Dichlorobenzene	8.05	146	214042	39.954	ng	99
14) 1,2-Dichlorobenzene	8.37	146	203511	39.806	ng	99
15) Benzyl Alcohol	8.25	79	130237	40.560	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	205808	39.807	ng	99
17) 2-Methylphenol	8.46	107	137888	39.287	ng	98
18) Hexachloroethane	9.10	117	73100	39.702	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	119279	39.719	ng	98
20) 3+4-Methylphenols	8.79	107	190689	39.271	ng	97
22) Acetophenone	8.84	105	246029	41.183	ng	# 97
24) Nitrobenzene	9.22	77	168028	41.251	ng	100
25) Isophorone	9.75	82	326502	40.845	ng	99
26) 2-Nitrophenol	9.94	139	105890	41.818	ng	97
27) 2,4-Dimethylphenol	10.00	122	147234	41.912	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	211789	41.132	ng	99
29) 2,4-Dichlorophenol	10.49	162	194150	41.566	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	236800	41.475	ng	97
31) Naphthalene	10.89	128	530604	40.724	ng	98
32) Benzoic acid	10.16	122	93538	38.474	ng	98
33) 4-Chloroaniline	10.99	127	248477	41.820	ng	98
34) Hexachlorobutadiene	11.17	225	161308	42.159	ng	97
35) Caprolactam	11.77	113	58061	39.001	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	176520	40.432	ng	96
37) 2-Methylnaphthalene	12.50	142	426116	40.798	ng	99
38) 1-Methylnaphthalene	12.71	142	400066	40.212	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	272434	41.674	ng	100

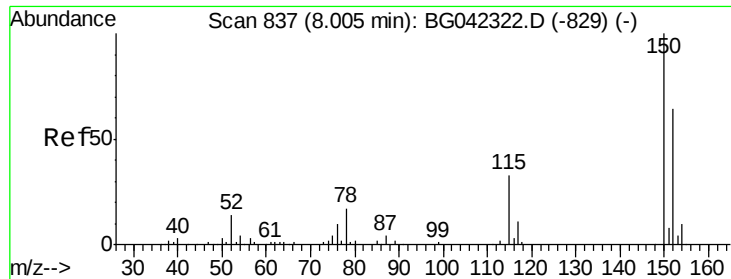
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042379.D
 Acq On : 21 Aug 2019 12:15
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	145720	41.909	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	183116	41.851	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	188144	41.749	ng	99
46) 1,1'-Biphenyl	13.50	154	545095	41.195	ng	97
47) 2-Chloronaphthalene	13.54	162	466840	41.385	ng	99
48) 2-Nitroaniline	13.75	65	110949	41.616	ng	98
49) Acenaphthylene	14.39	152	691691	40.788	ng	99
50) Dimethylphthalate	14.12	163	595186	41.299	ng	99
51) 2,6-Dinitrotoluene	14.24	165	136698	40.528	ng	97
52) Acenaphthene	14.73	154	415762	40.190	ng	99
53) 3-Nitroaniline	14.57	138	135853	40.963	ng	100
54) 2,4-Dinitrophenol	14.78	184	77449	39.146	ng	98
55) Dibenzofuran	15.07	168	691866	41.059	ng	99
56) 4-Nitrophenol	14.89	139	90292	37.738	ng	98
57) 2,4-Dinitrotoluene	15.03	165	193169	40.963	ng	98
58) Fluorene	15.72	166	552098	40.277	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	178983	40.894	ng	98
60) Diethylphthalate	15.48	149	566390	40.623	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	337205	40.965	ng	98
62) 4-Nitroaniline	15.74	138	135480	38.657	ng	97
63) Azobenzene	16.00	77	388601	39.995	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	112558	43.414	ng	96
66) n-Nitrosodiphenylamine	15.92	169	502206	42.237	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	231039	42.726	ng	99
68) Hexachlorobenzene	16.73	284	245496	42.382	ng	98
69) Atrazine	16.87	200	161388	39.599	ng	99
70) Pentachlorophenol	17.08	266	125983	40.859	ng	99
71) Phenanthrene	17.46	178	869621	41.092	ng	99
72) Anthracene	17.55	178	868673	41.157	ng	100
73) Carbazole	17.82	167	741469	39.547	ng	99
74) Di-n-butylphthalate	18.38	149	861106	39.373	ng	99
75) Fluoranthene	19.48	202	959797	37.610	ng	99
77) Benzidine	19.65	184	314536	37.158	ng	98
78) Pyrene	19.83	202	943481	48.027	ng	99
80) Butylbenzylphthalate	20.72	149	310246	39.848	ng	100
81) Benzo(a)anthracene	21.68	228	816284	41.634	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	312506	40.046	ng	98
83) Chrysene	21.74	228	792408	42.249	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	447769	41.247	ng	99
85) Di-n-octyl phthalate	22.80	149	789117	42.616	ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1061363	42.383	ng	99
88) Benzo(b)fluoranthene	23.91	252	909571	41.741	ng	100
89) Benzo(k)fluoranthene	23.98	252	882684	41.439	ng	99
90) Benzo(a)pyrene	24.79	252	865070	41.430	ng	99
91) Dibenzo(a,h)anthracene	28.72	278	861469	41.356	ng	98
92) Benzo(g,h,i)perylene	29.81	276	844495	40.683	ng	98

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

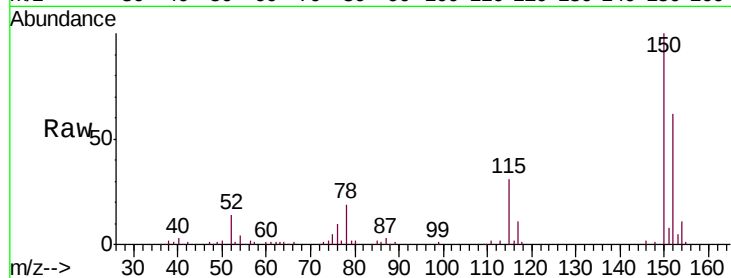


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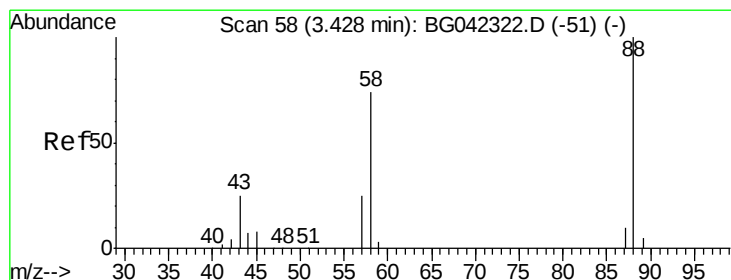
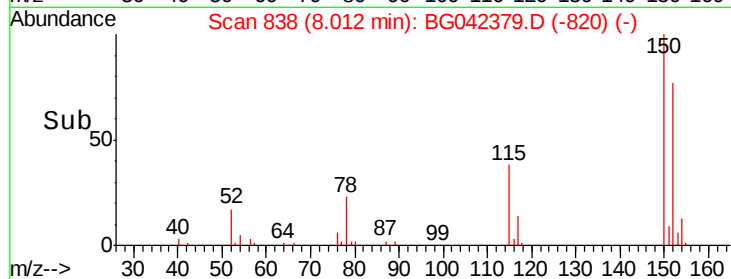
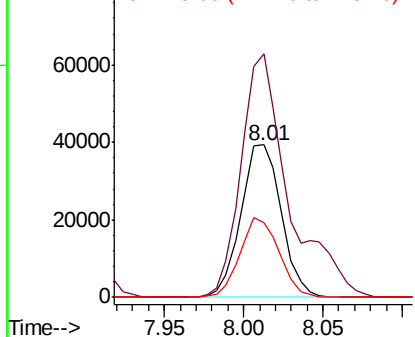
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69652
Ion Ratio Lower Upper
152 100
150 160.1 124.3 186.5
115 49.1 40.5 60.7



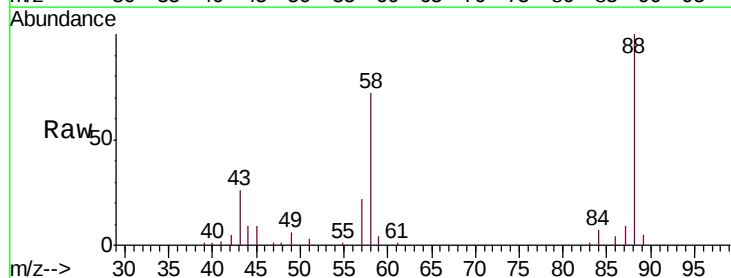
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



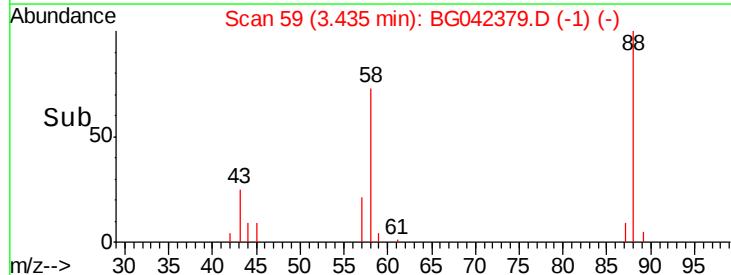
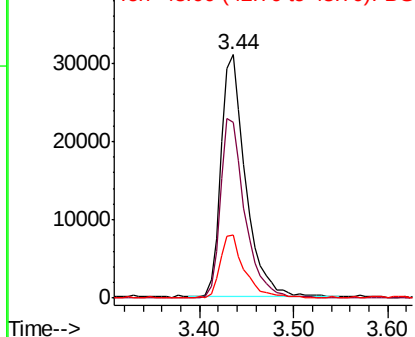
#2

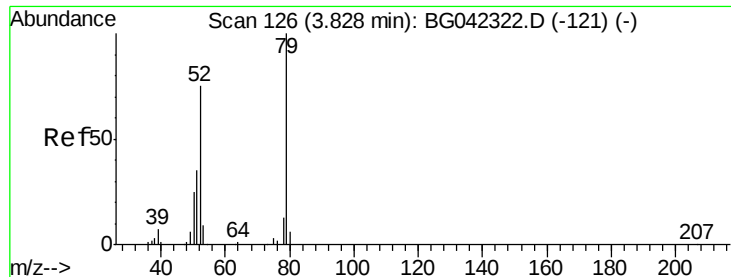
1,4-Dioxane
Concen: 37.862 ng
RT: 3.44 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion: 88 Resp: 56132
Ion Ratio Lower Upper
88 100
58 73.6 58.6 88.0
43 26.2 19.4 29.0



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





#3

Pvridine

Concen: 40.000 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

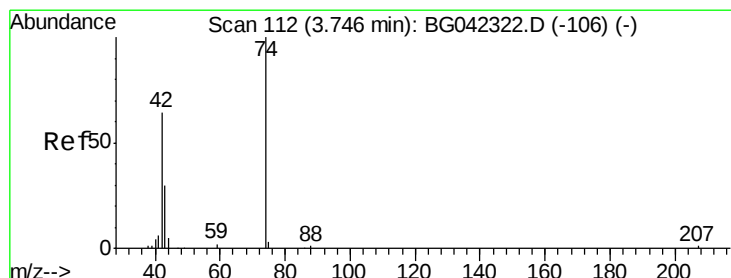
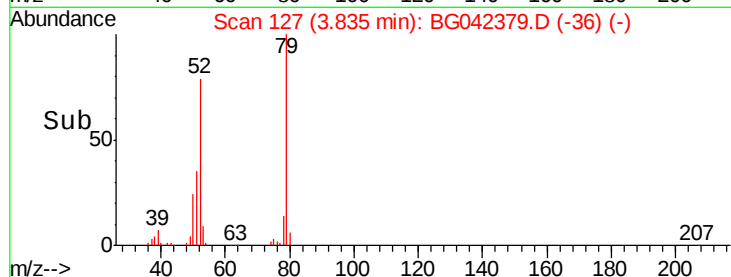
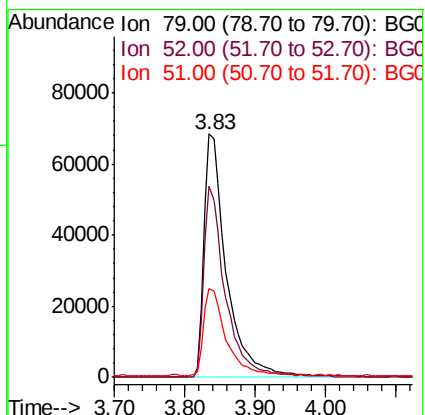
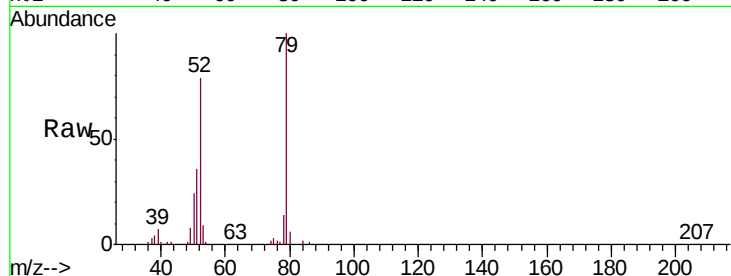
Tot Ion: 79 Resp: 151901

Ion Ratio Lower Upper

79 100

52 78.6 60.0 90.0

51 36.4 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 41.534 ng

RT: 3.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

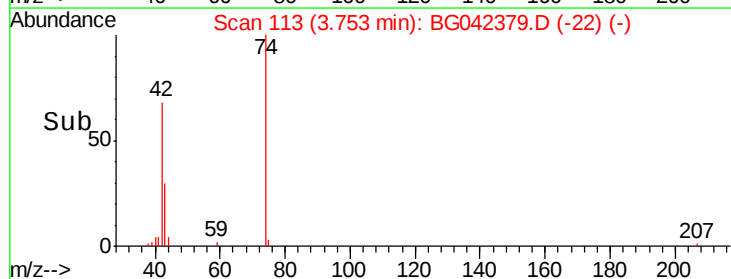
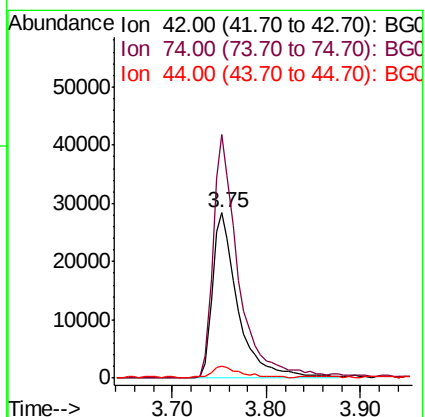
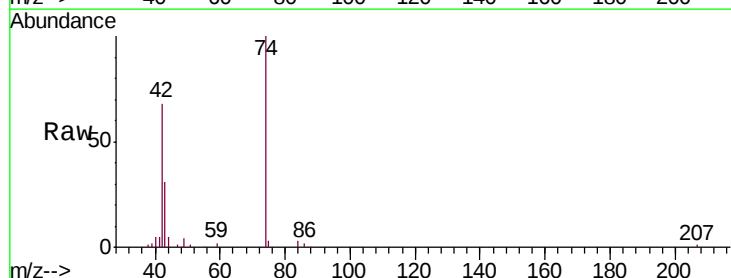
Tgt Ion: 42 Resp: 54302

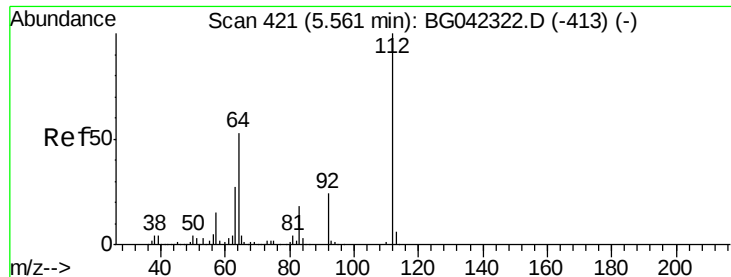
Ion Ratio Lower Upper

42 100

74 147.2 124.2 186.2

44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 80.228 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

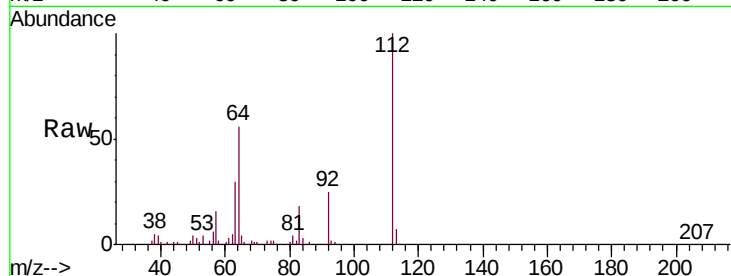
Tot Ion:112 Resp: 275802

Ion Ratio Lower Upper

112 100

64 56.3 42.5 63.7

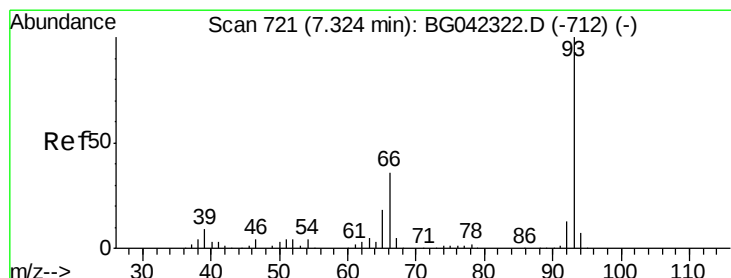
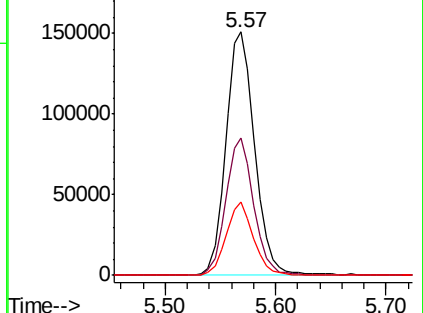
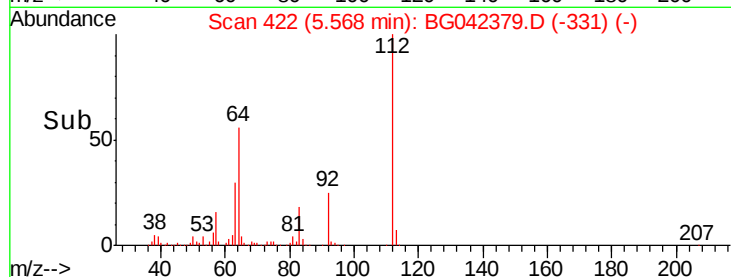
63 30.3 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.208 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

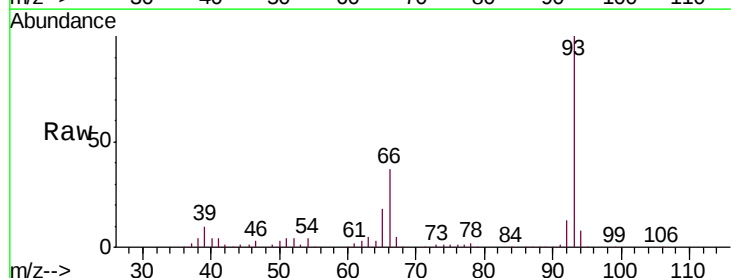
Tgt Ion: 93 Resp: 241592

Ion Ratio Lower Upper

93 100

66 37.1 29.1 43.7

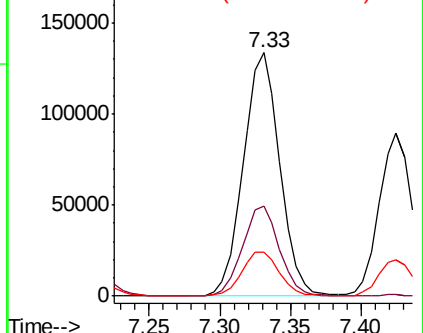
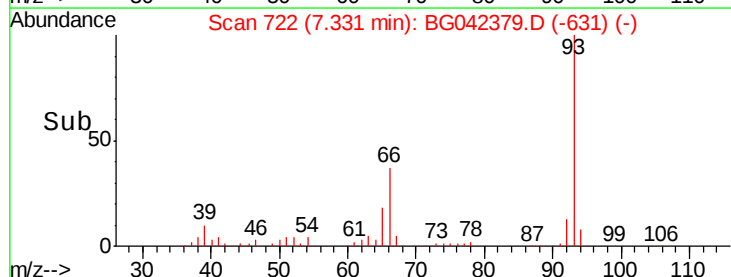
65 18.2 14.7 22.1

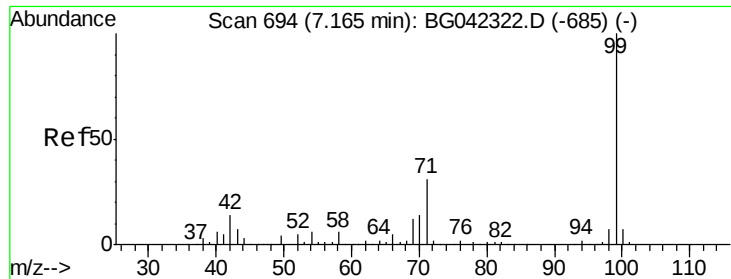


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.565 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampled :

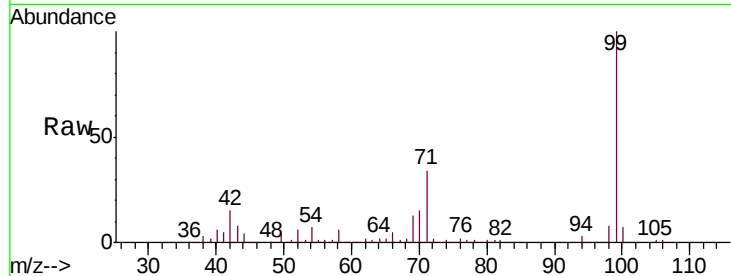
Tot Ion: 99 Resp: 366811

Ion Ratio Lower Upper

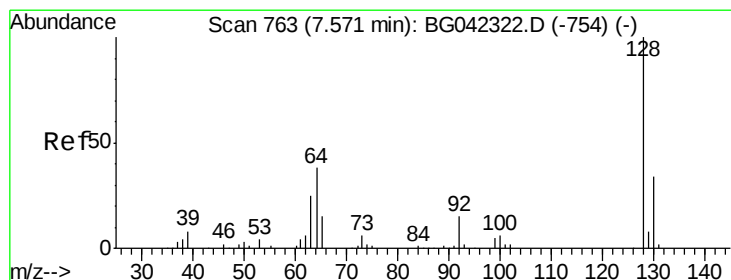
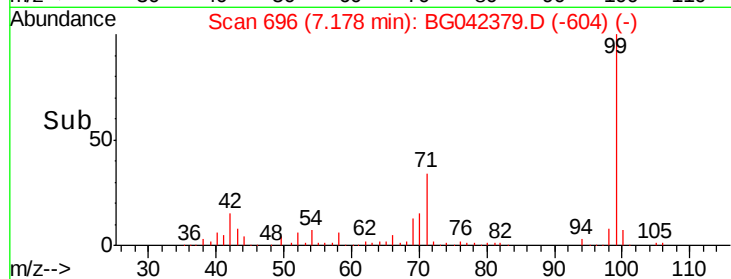
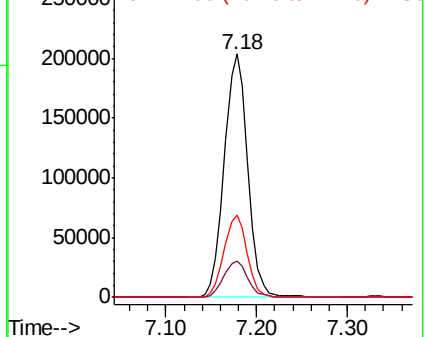
99 100

42 14.7 11.4 17.0

71 34.0 25.1 37.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.391 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

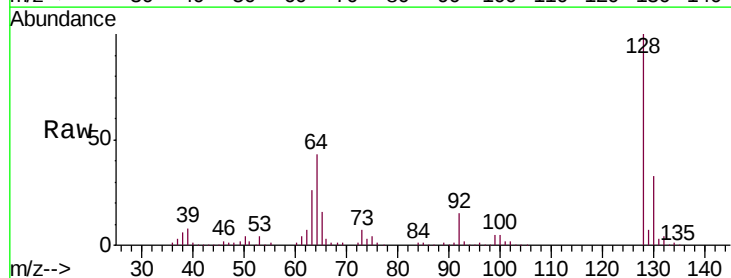
Tgt Ion: 128 Resp: 164622

Ion Ratio Lower Upper

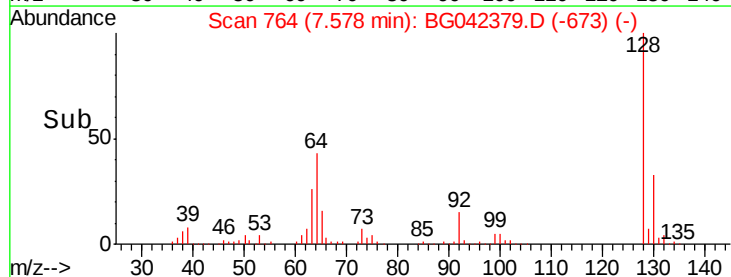
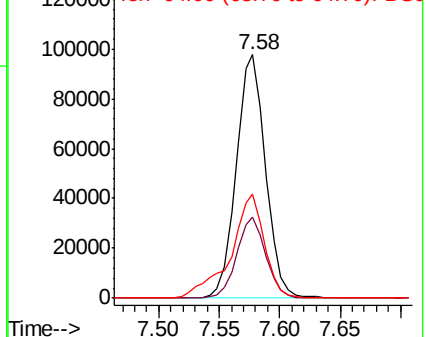
128 100

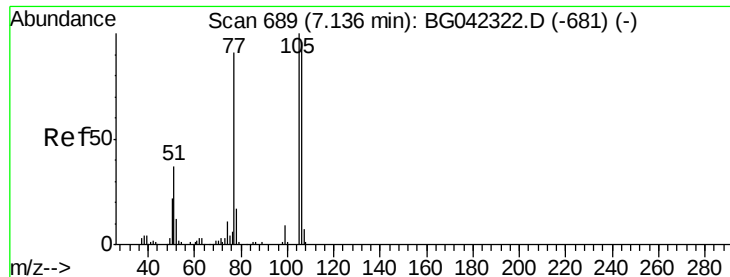
130 33.2 13.5 53.5

64 42.5 19.8 59.8



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





#9

Benzaldehyde

Concen: 42.844 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampled :

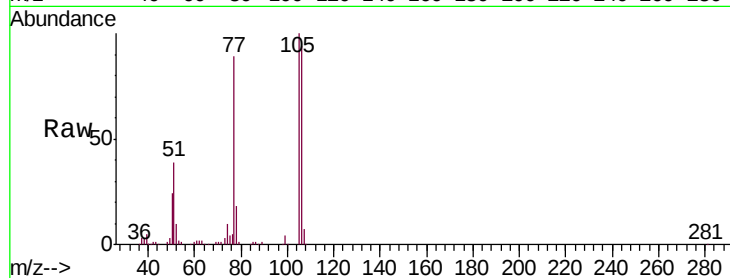
Tot Ion: 77 Resp: 112519

Ion Ratio Lower Upper

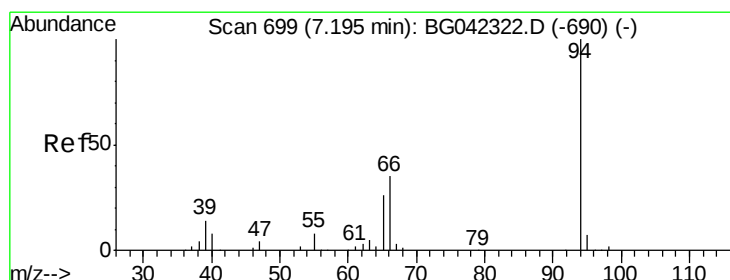
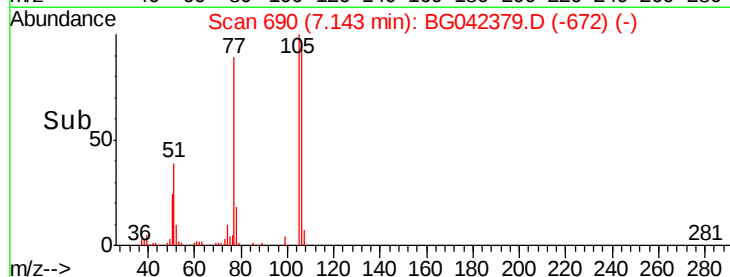
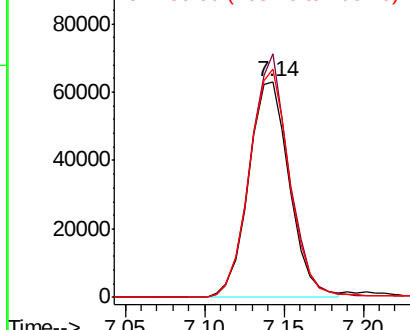
77 100

105 112.7 89.8 129.8

106 105.4 85.1 125.1



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



#10

Phenol

Concen: 38.974 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

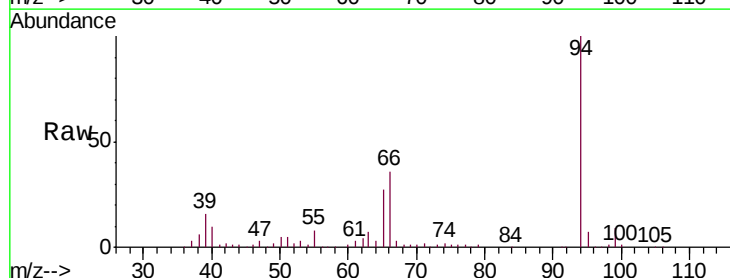
Tgt Ion: 94 Resp: 184997

Ion Ratio Lower Upper

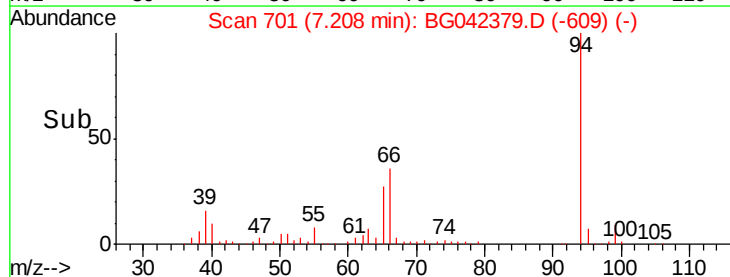
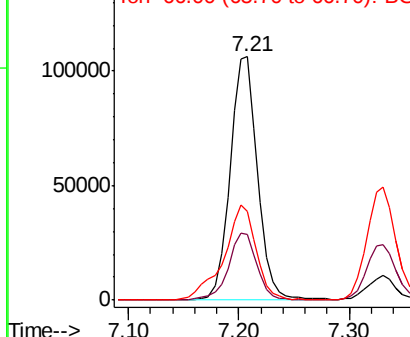
94 100

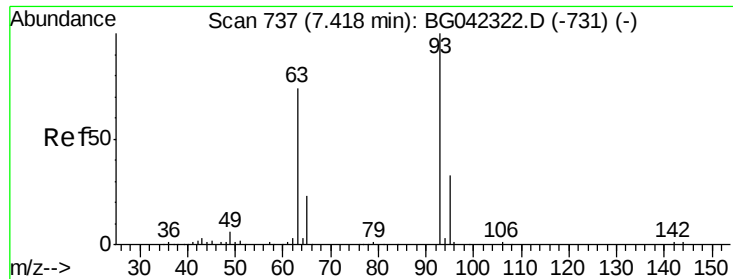
65 27.2 6.1 46.1

66 36.3 15.7 55.7



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

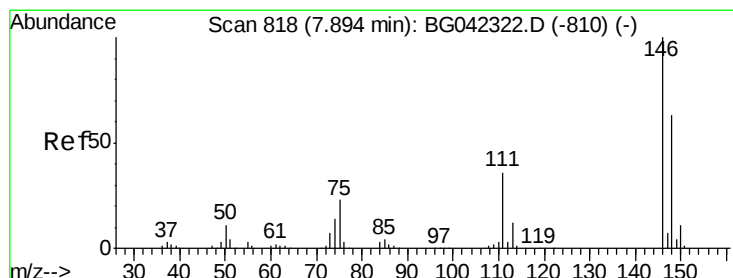
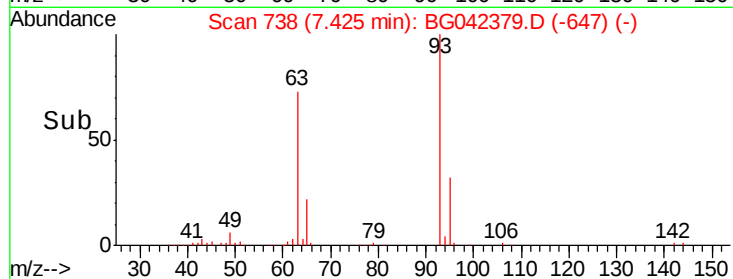
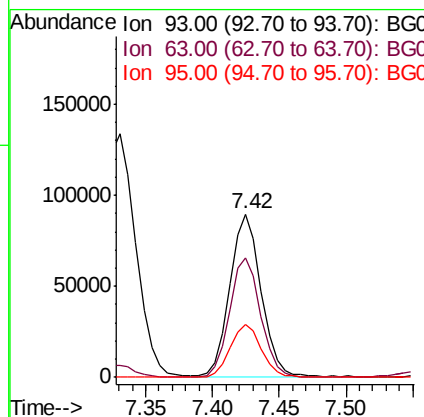
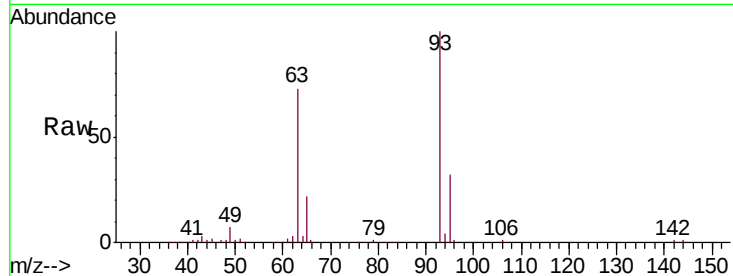




#11
 bis(2-Chloroethyl)ether
 Concen: 38.846 ng
 RT: 7.42 min Scan# 738
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

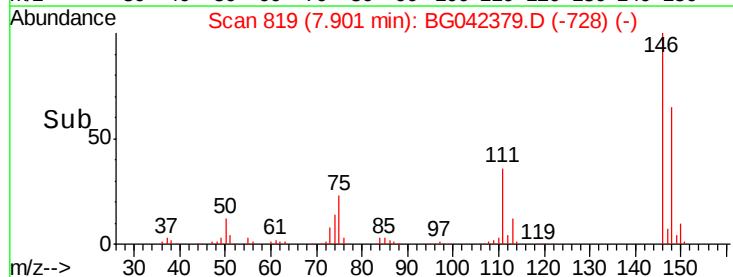
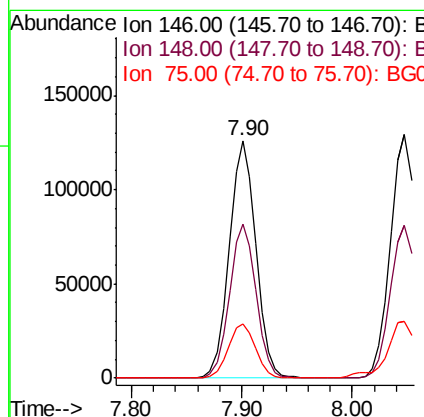
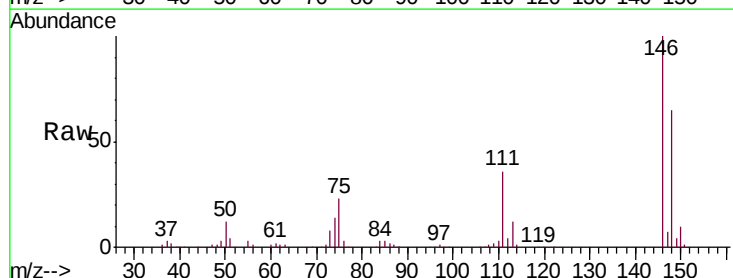
Instrument :
 BNA_G
 ClientSampleId :

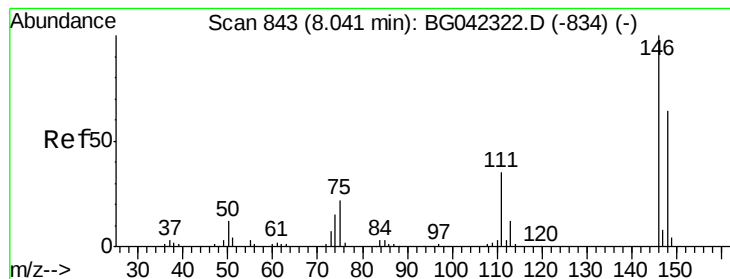
Tot Ion: 93 Resp: 145641
 Ion Ratio Lower Upper
 93 100
 63 73.5 53.0 93.0
 95 32.5 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 39.971 ng
 RT: 7.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion: 146 Resp: 212604
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.2 75.2
 75 22.8 18.2 27.4





#13

1,4-Dichlorobenzene

Concen: 39.954 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

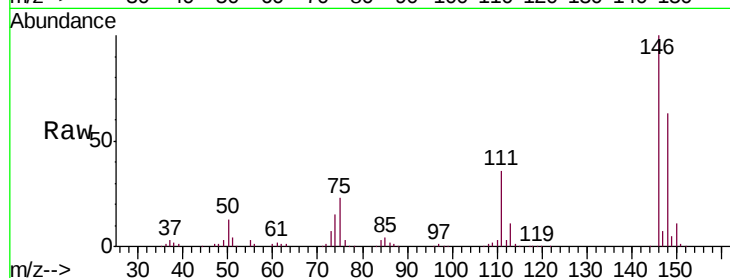
Tot Ion:146 Resp: 214042

Ion Ratio Lower Upper

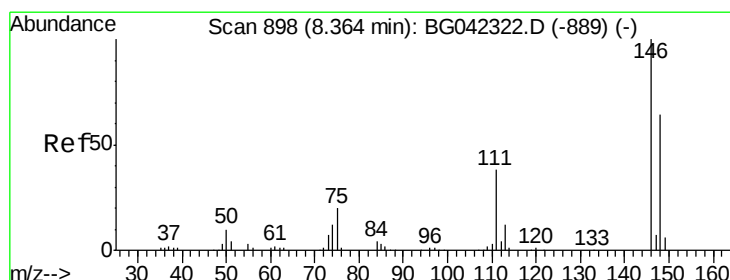
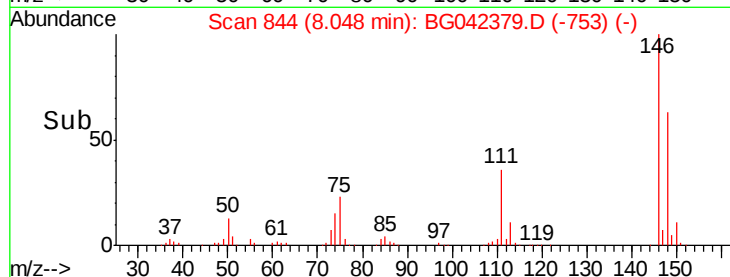
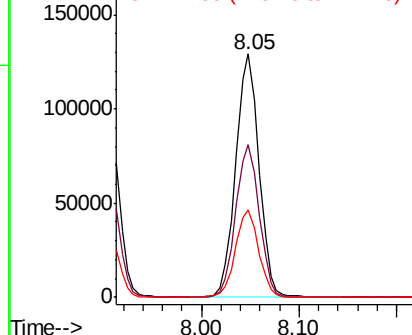
146 100

148 62.7 50.9 76.3

111 35.8 28.3 42.5



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



#14

1,2-Dichlorobenzene

Concen: 39.806 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

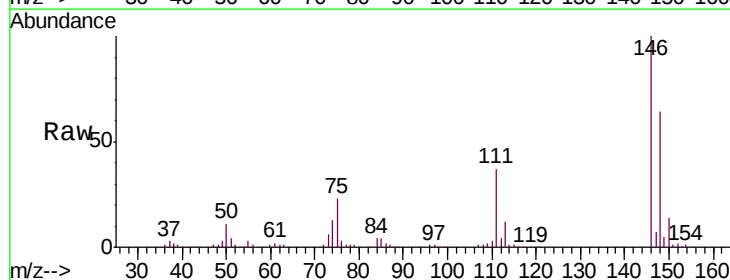
Tgt Ion:146 Resp: 203511

Ion Ratio Lower Upper

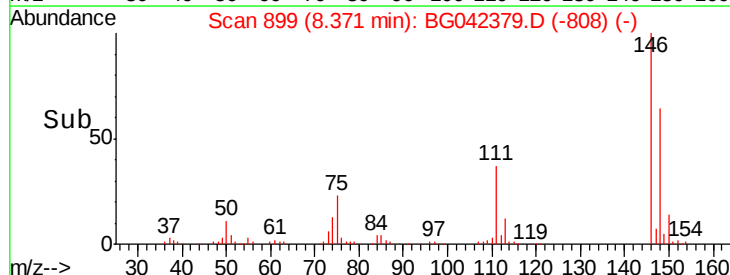
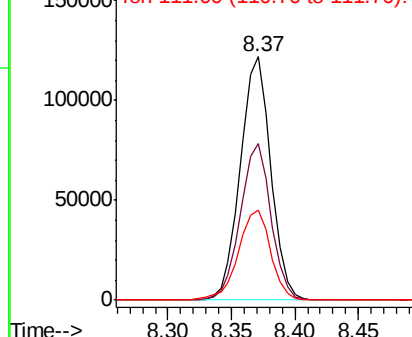
146 100

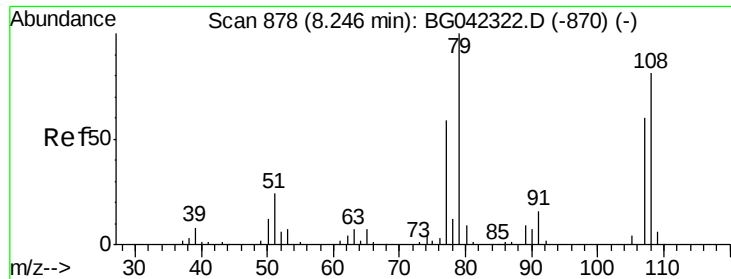
148 64.5 51.0 76.4

111 36.9 30.6 46.0



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





#15

Benzyl Alcohol

Concen: 40.560 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

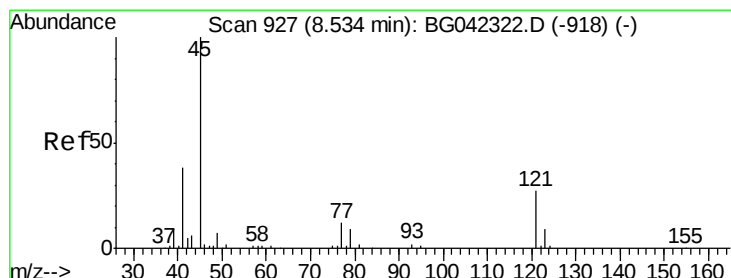
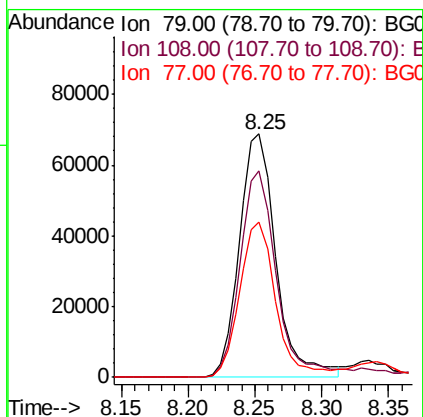
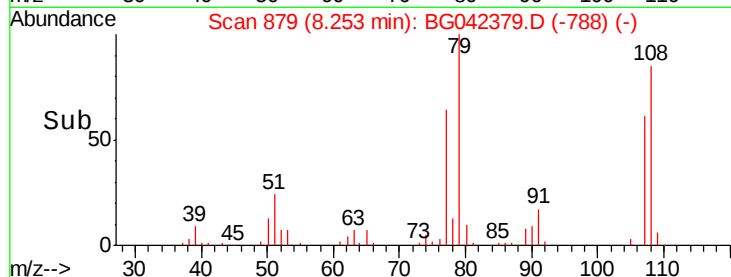
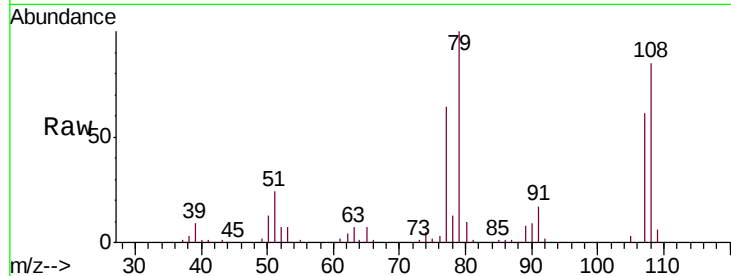
Tot Ion: 79 Resp: 130237

Ion Ratio Lower Upper

79 100

108 84.7 64.8 97.2

77 63.9 47.6 71.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.807 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

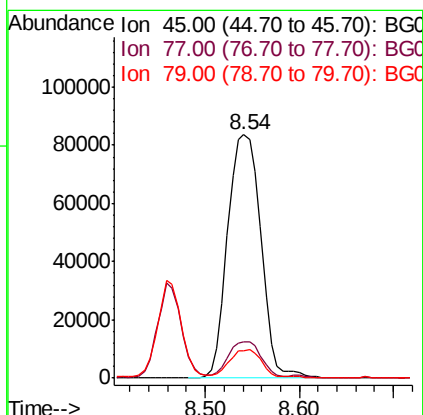
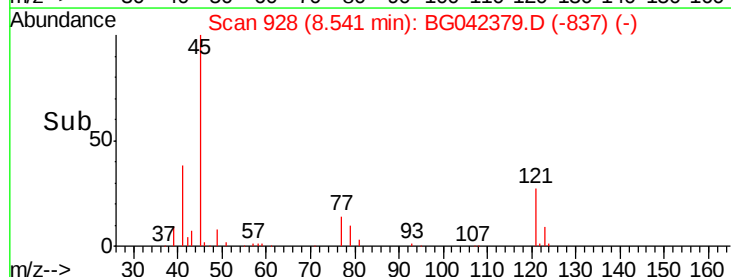
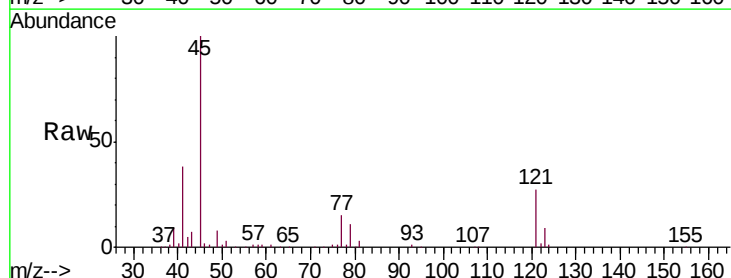
Tgt Ion: 45 Resp: 205808

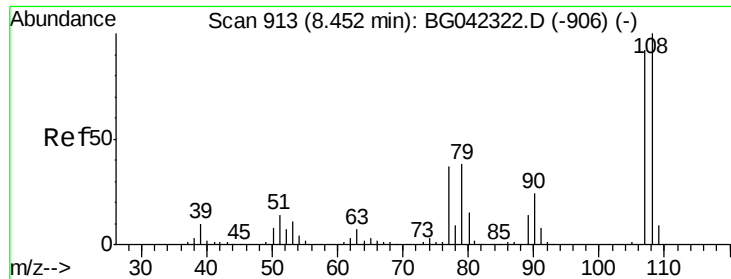
Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.6

79 11.4 0.0 31.4

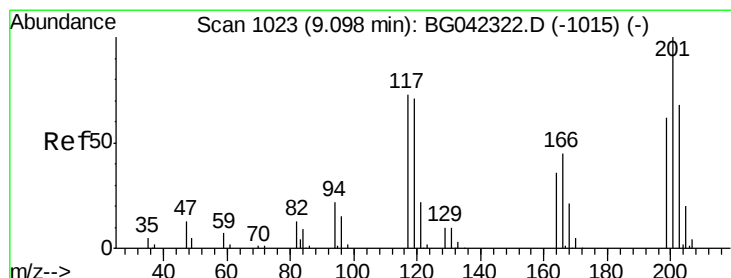
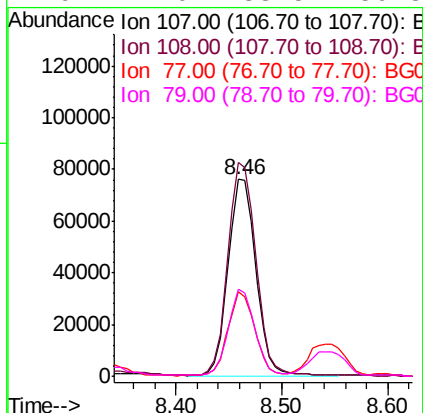
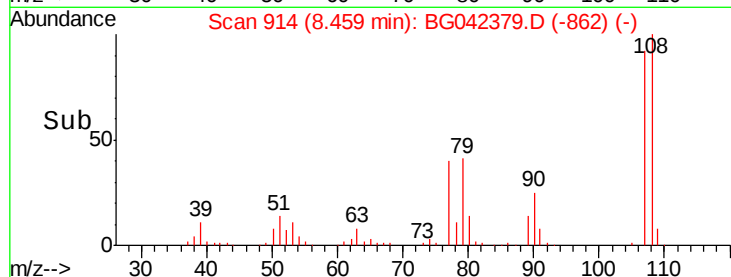
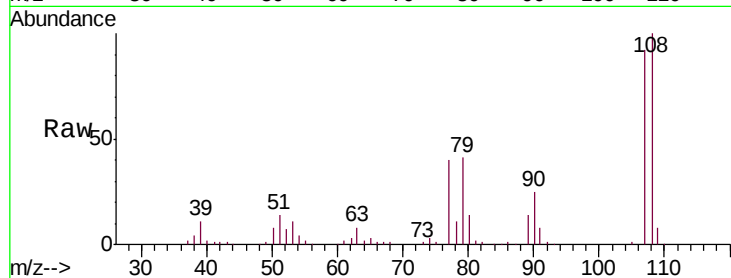




#17
2-Methylphenol
Concen: 39.287 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

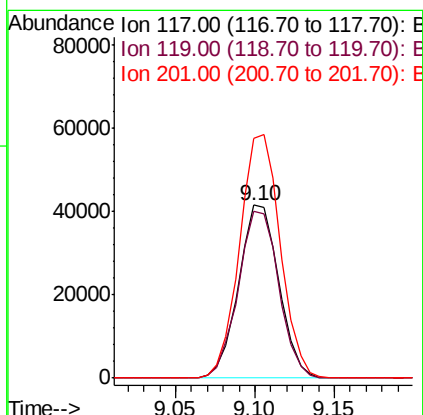
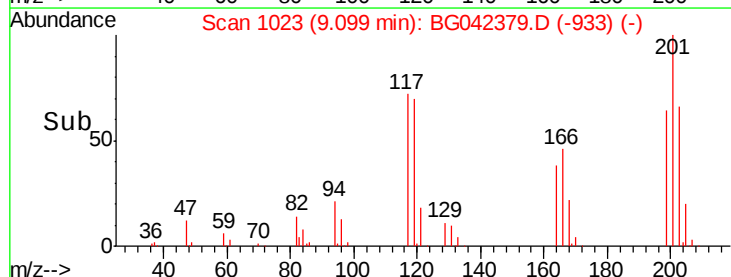
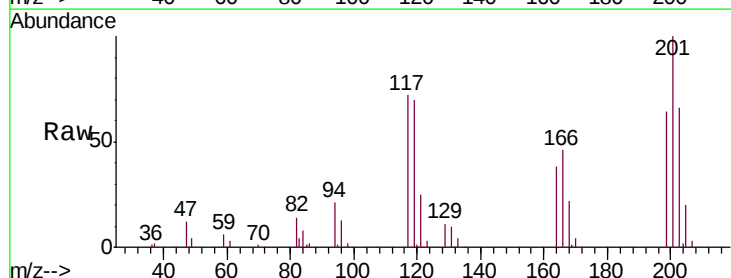
Instrument :
BNA_G
ClientSampleId :

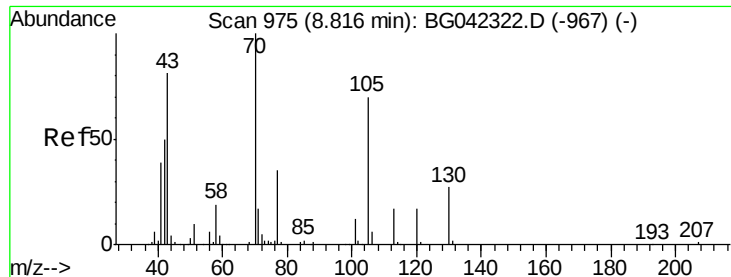
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.5	87.0	130.6
77	43.1	32.3	48.5
79	44.0	33.5	50.3



#18
Hexachloroethane
Concen: 39.702 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.6	116.4
201	138.7	109.4	164.2

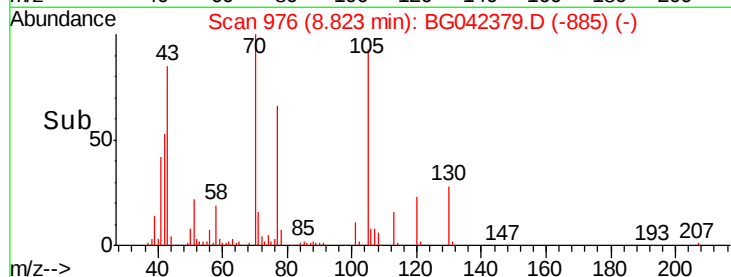
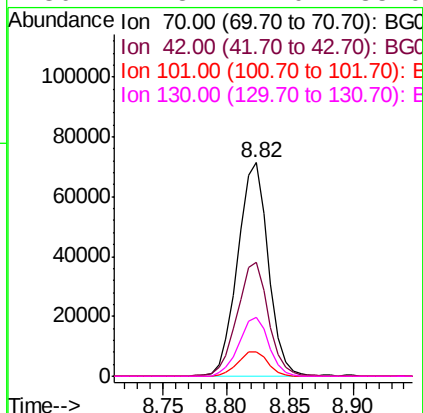
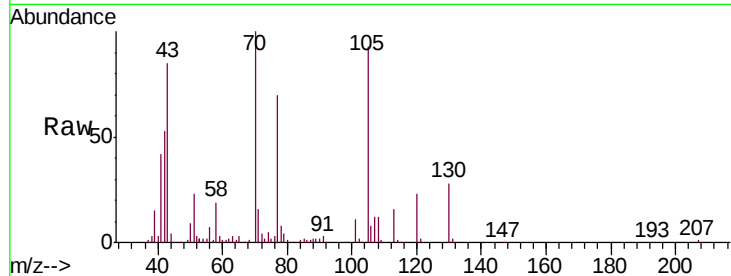




#19
n-Nitroso-di-n-propylamine
Concen: 39.719 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

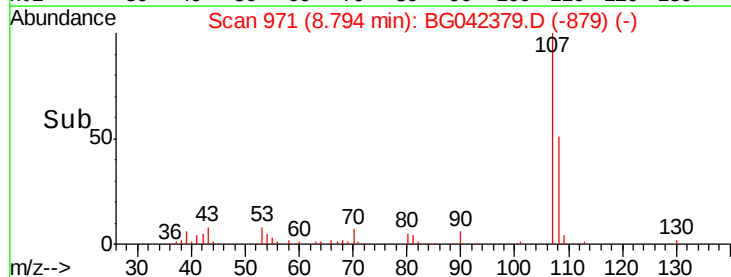
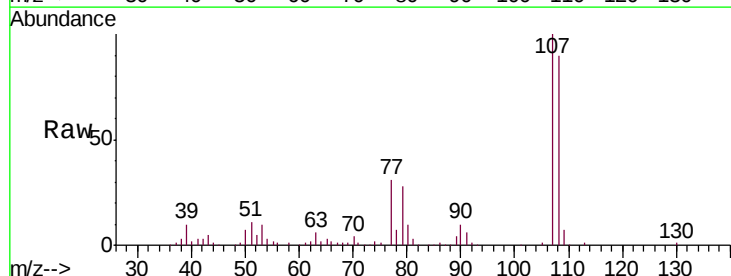
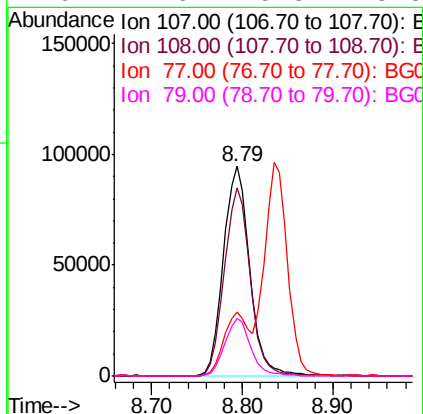
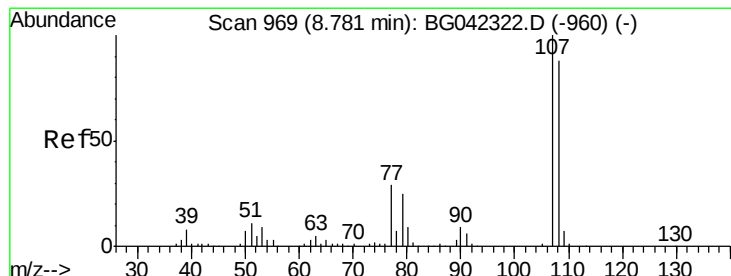
Instrument :
BNA_G
ClientSampled :

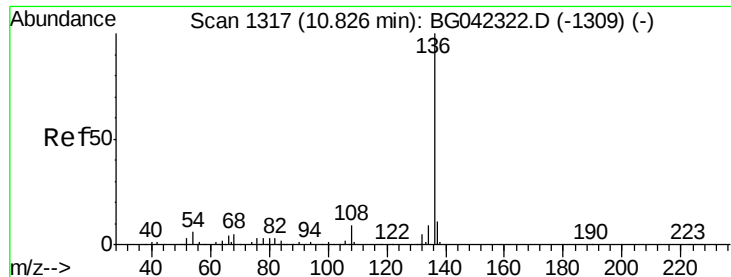
Tot Ion:	70	Resp:	119279
Ion	Ratio	Lower	Upper
70	100		
42	53.1	40.5	60.7
101	11.3	9.3	13.9
130	27.8	22.0	33.0



#20
3+4-Methylphenols
Concen: 39.271 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:	107	Resp:	190689
Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.8	107.8
77	30.6	9.1	49.1
79	27.6	5.3	45.3

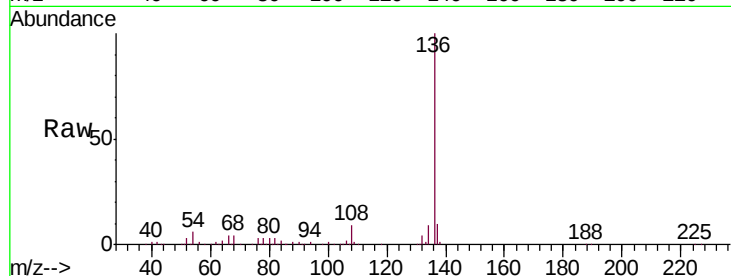




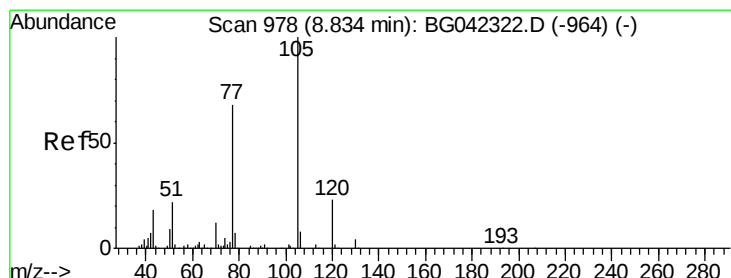
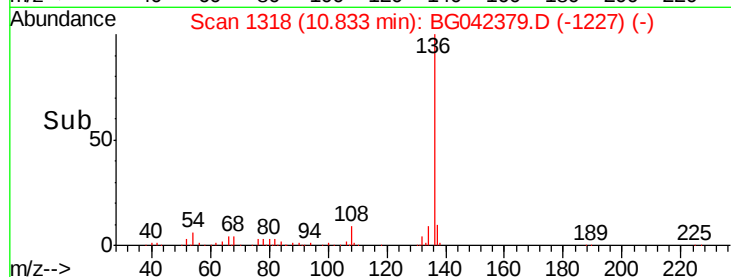
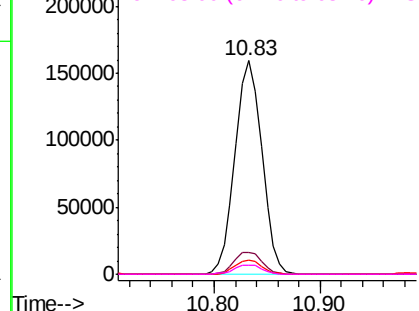
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	281161
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.4 12.6
54	6.5	5.0 7.4
68	4.4	3.8 5.8

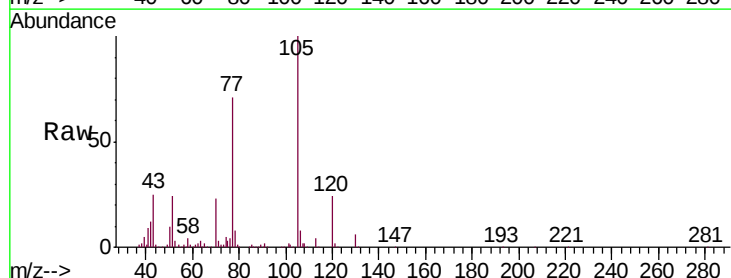


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

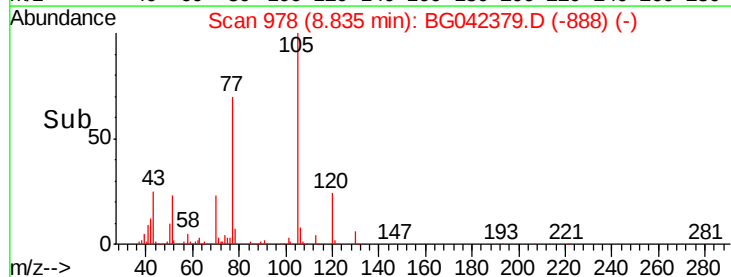
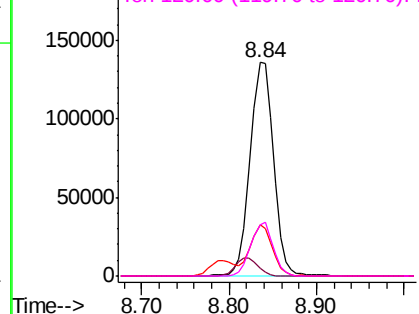


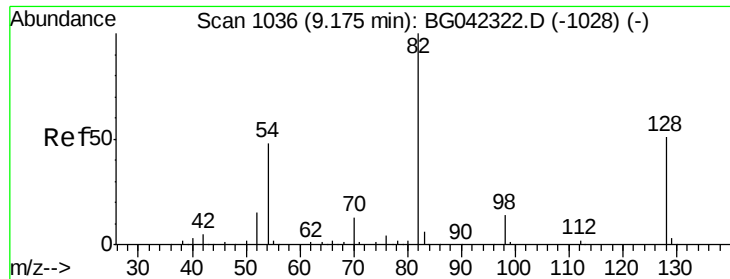
#22
Acetophenone
Concen: 41.183 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:105	Resp:	246029
Ion Ratio	Lower	Upper
105	100	
71	3.3	1.8 2.8#
51	23.8	17.5 26.3
120	23.8	18.4 27.6



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

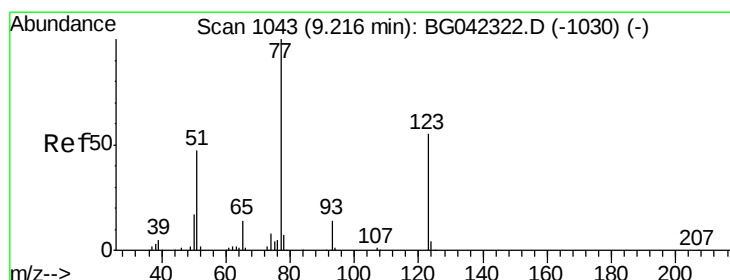
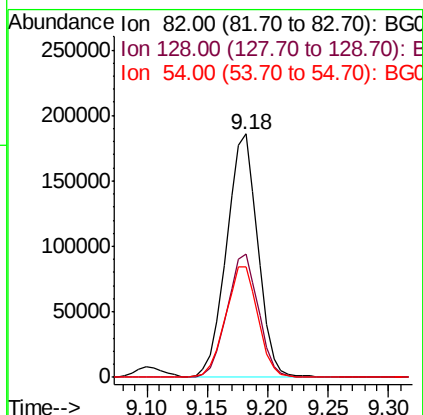
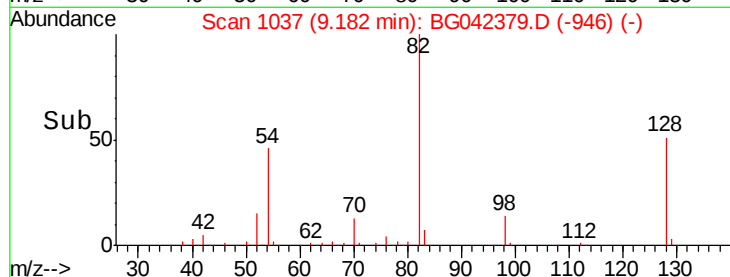
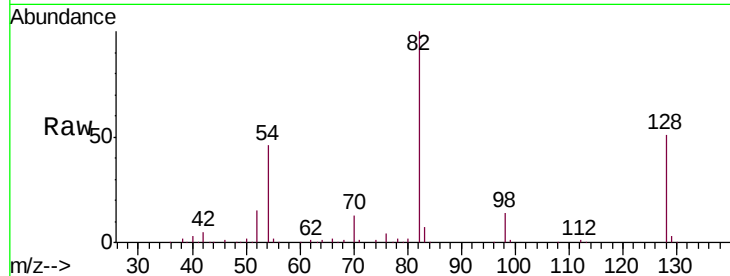




#23
 Nitrobenzene-d5
 Concen: 83.332 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

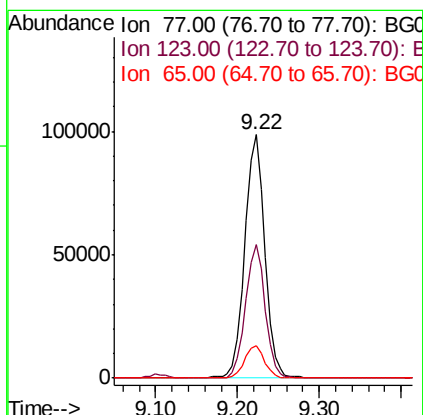
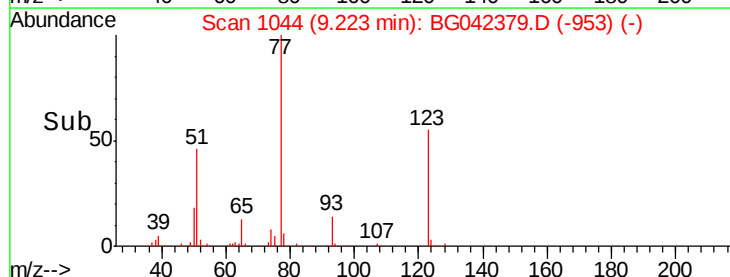
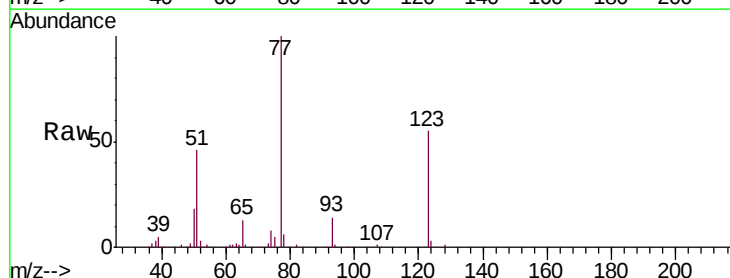
Instrument :
 BNA_G
 ClientSampled :

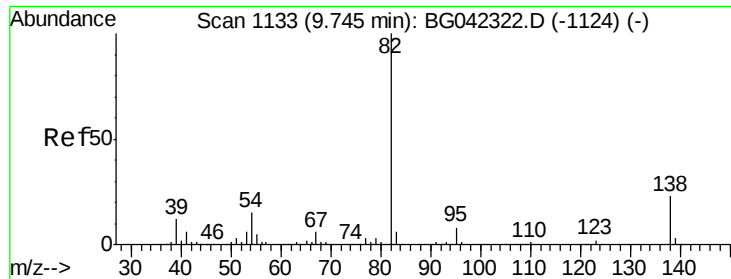
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	41.0	61.4
54	45.5	38.0	57.0



#24
 Nitrobenzene
 Concen: 41.251 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.7	43.7	65.5
65	13.5	10.9	16.3





#25

Isophorone

Concen: 40.845 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

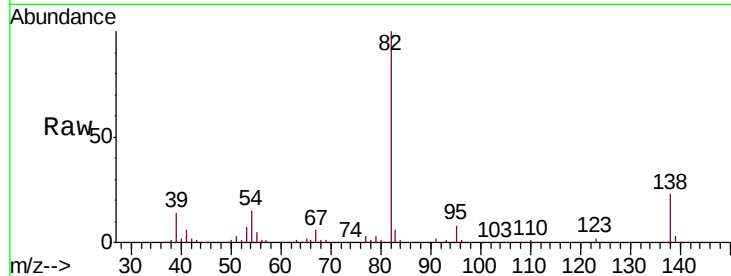
Tot Ion: 82 Resp: 326502

Ion Ratio Lower Upper

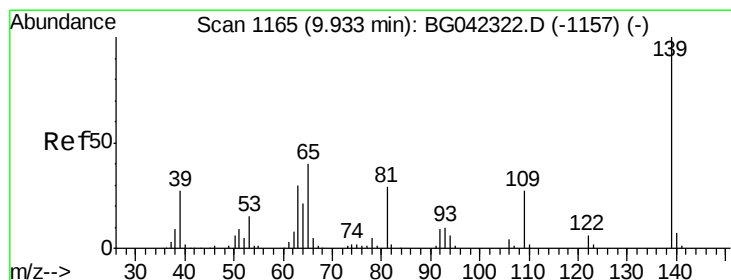
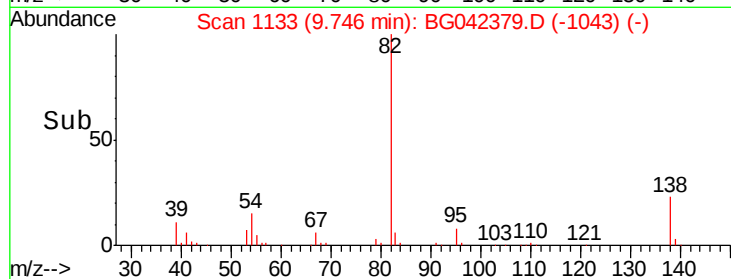
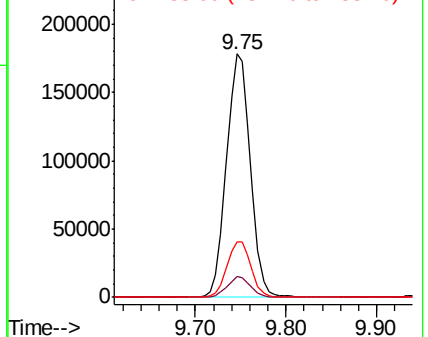
82 100

95 8.3 6.1 9.1

138 22.7 18.2 27.2



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: 41.818 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

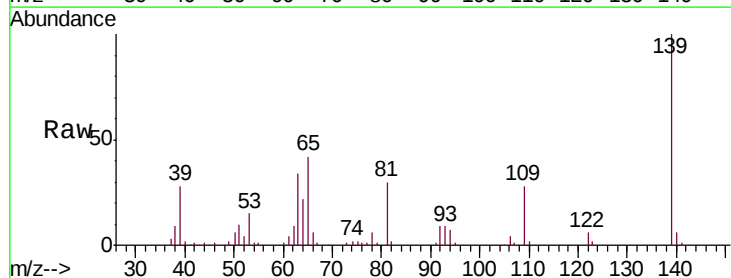
Tgt Ion: 139 Resp: 105890

Ion Ratio Lower Upper

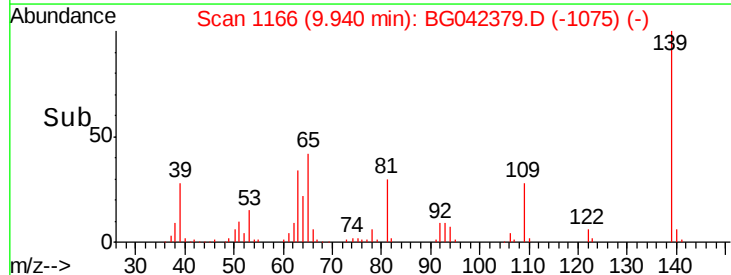
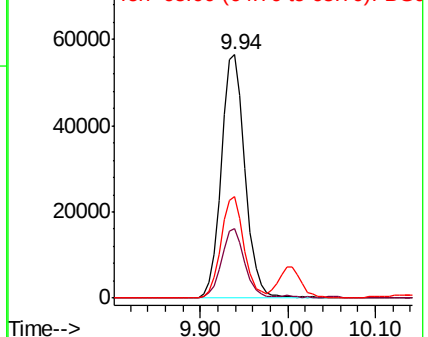
139 100

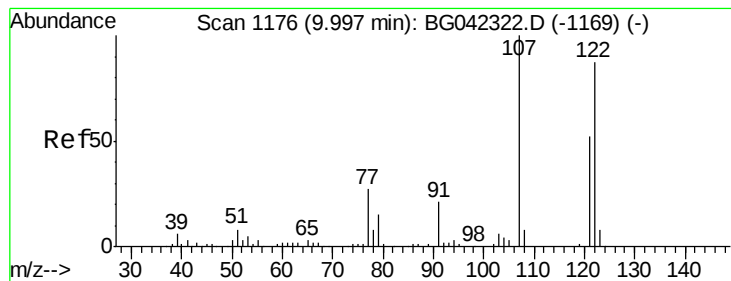
109 28.5 21.4 32.2

65 41.6 31.8 47.6



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: 41.912 ng

RT: 10.00 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

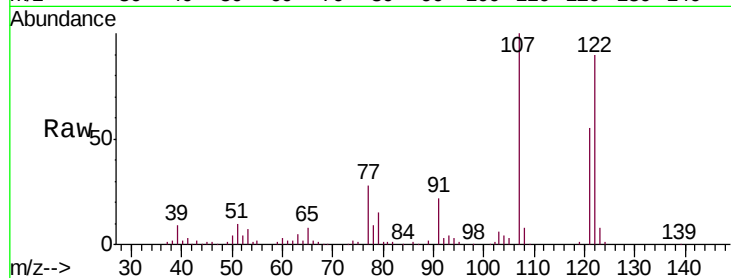
Tot Ion:122 Resp: 147234

Ion Ratio Lower Upper

122 100

107 111.1 91.0 136.4

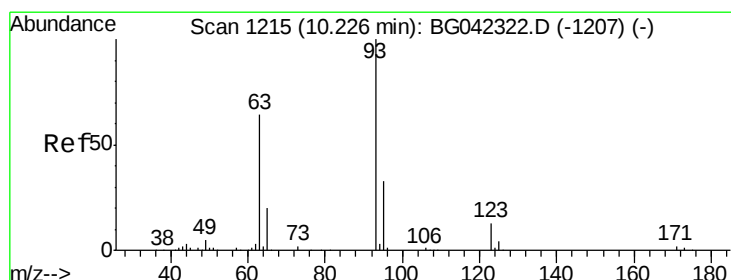
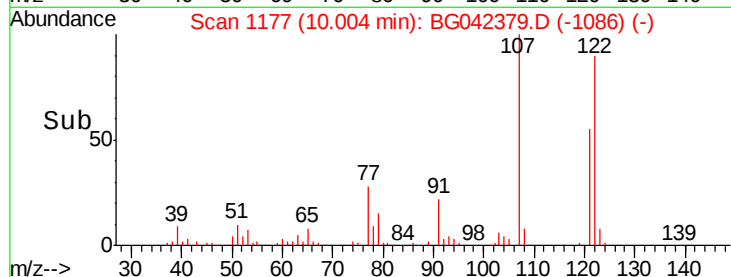
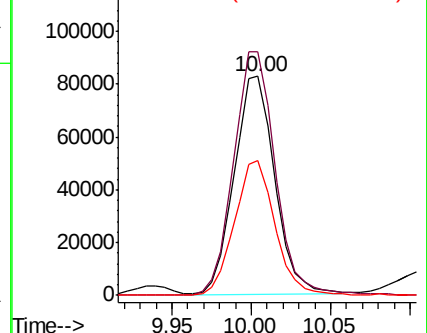
121 61.6 47.1 70.7



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: 41.132 ng

RT: 10.23 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

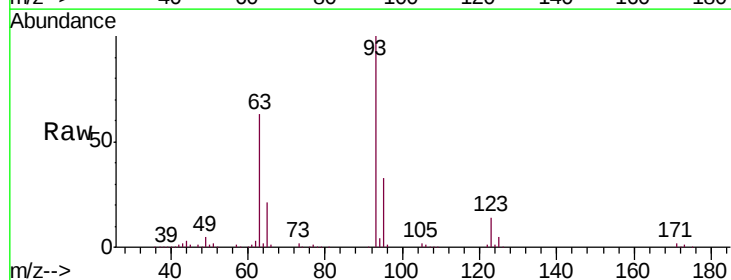
Tgt Ion: 93 Resp: 211789

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

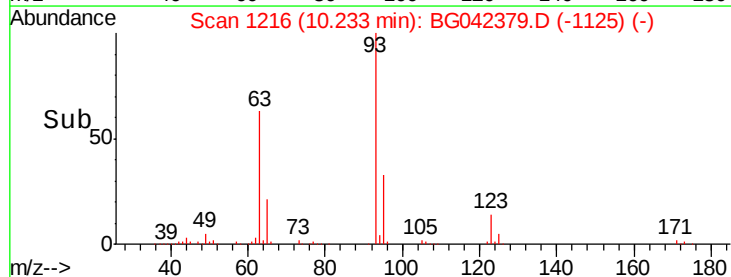
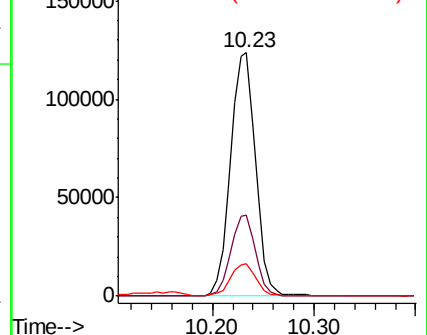
123 13.6 10.3 15.5

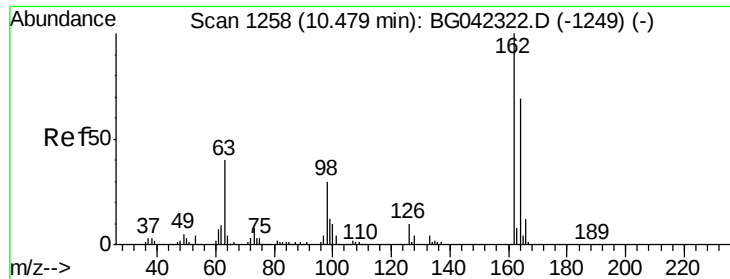


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.566 ng

RT: 10.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

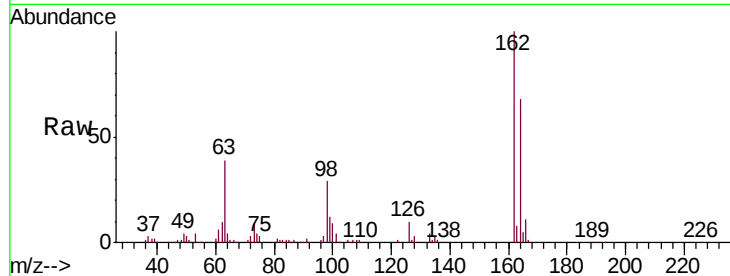
Tot Ion:162 Resp: 194150

Ion Ratio Lower Upper

162 100

164 67.6 48.6 88.6

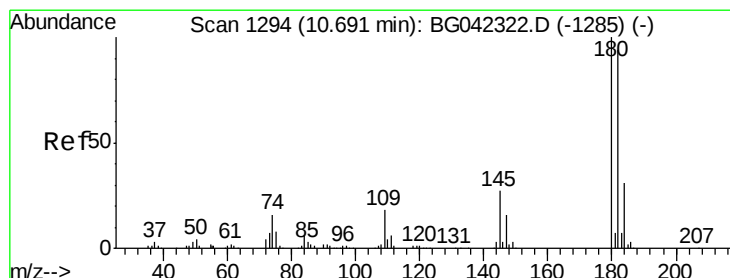
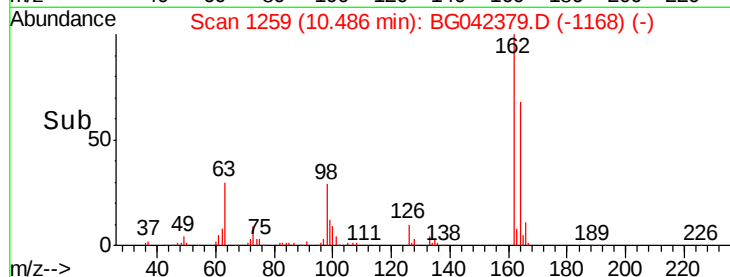
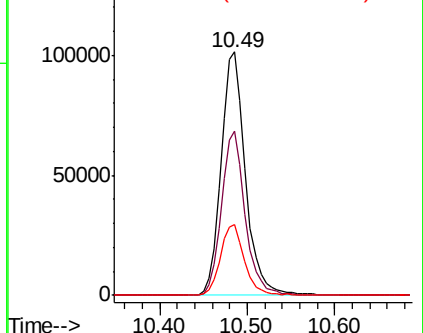
98 29.1 9.6 49.6



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): B



#30

1,2,4-Trichlorobenzene

Concen: 41.475 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

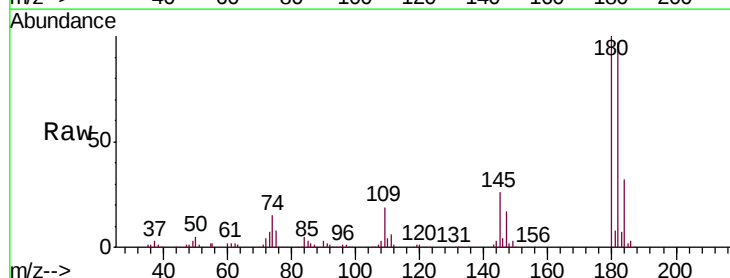
Tgt Ion:180 Resp: 236800

Ion Ratio Lower Upper

180 100

182 97.1 75.1 112.7

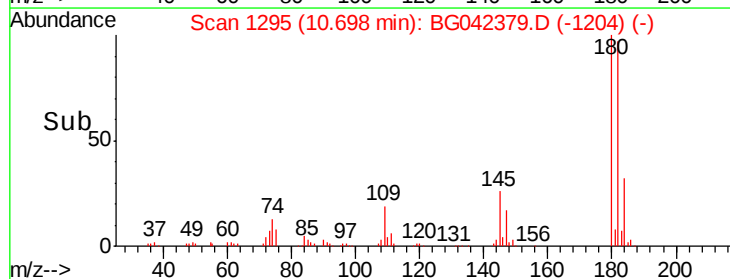
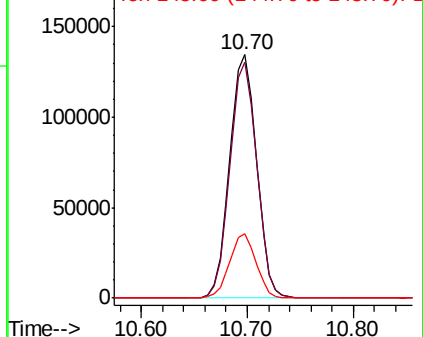
145 26.4 21.2 31.8

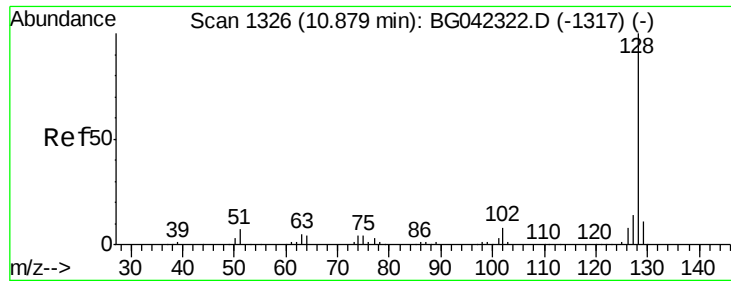


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

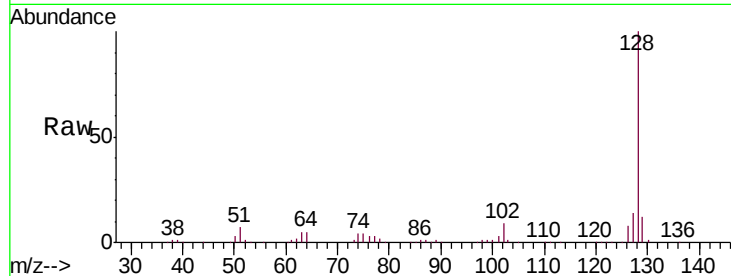




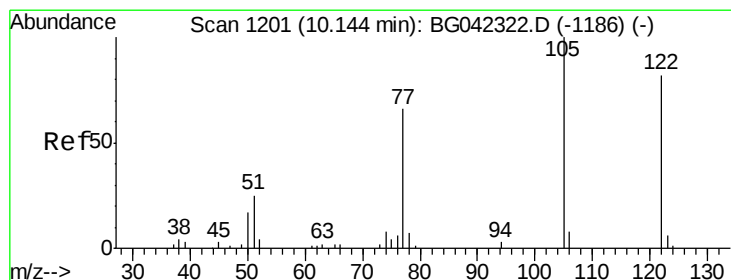
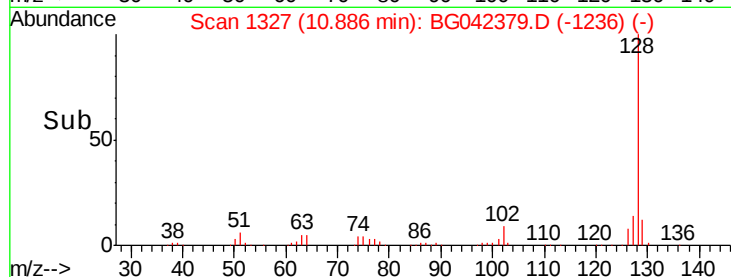
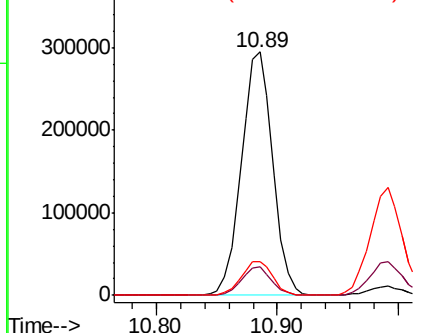
#31
Naphthalene
Concen: 40.724 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 530604
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 14.1 10.8 16.2

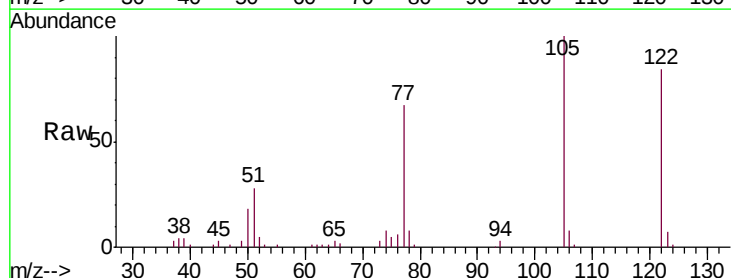


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

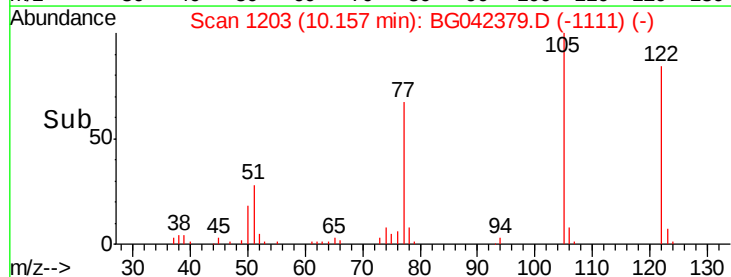
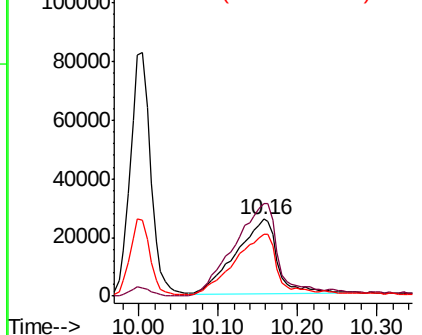


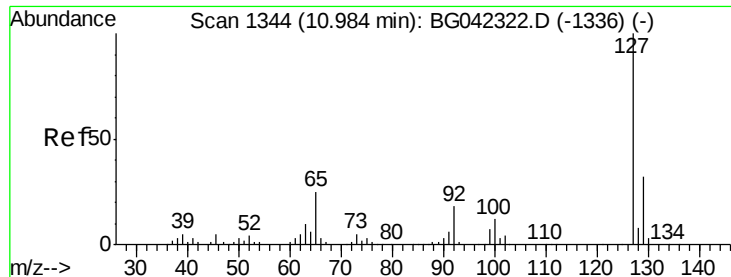
#32
Benzoic acid
Concen: 38.474 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:122 Resp: 93538
Ion Ratio Lower Upper
122 100
105 119.5 97.7 137.7
77 80.2 58.4 98.4



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

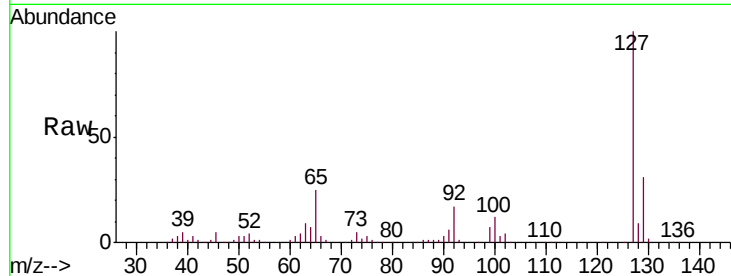




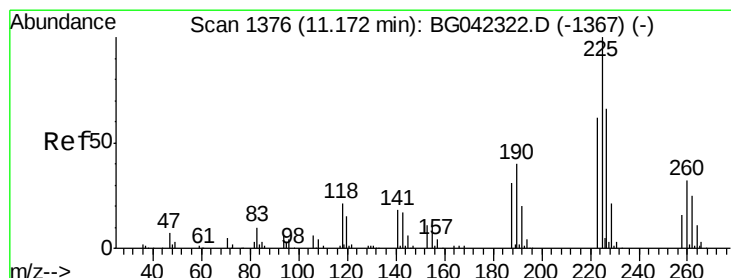
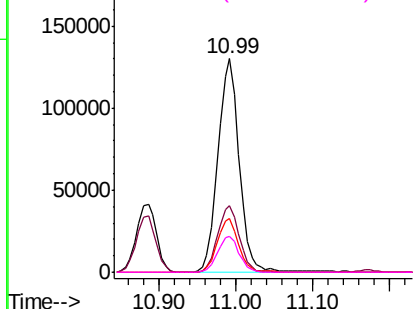
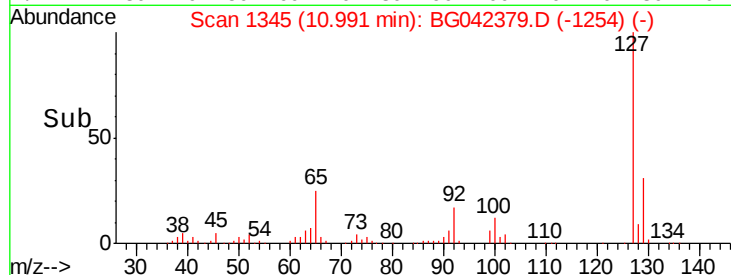
#33
4-Chloroaniline
Concen: 41.820 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	248477
Ion Ratio	Lower	Upper
127	100	
129	31.4	25.9 38.9
65	25.4	19.8 29.8
92	17.0	14.4 21.6

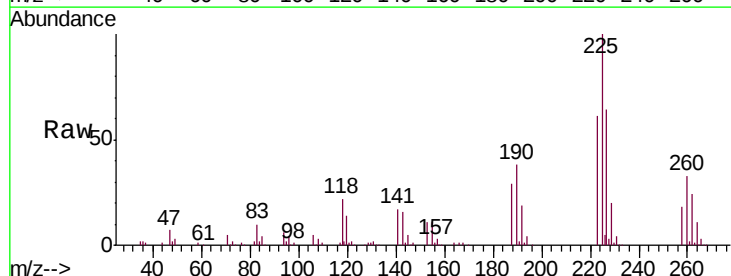


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

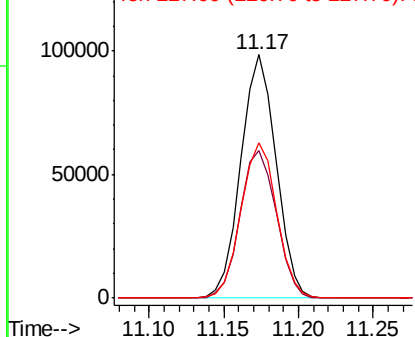
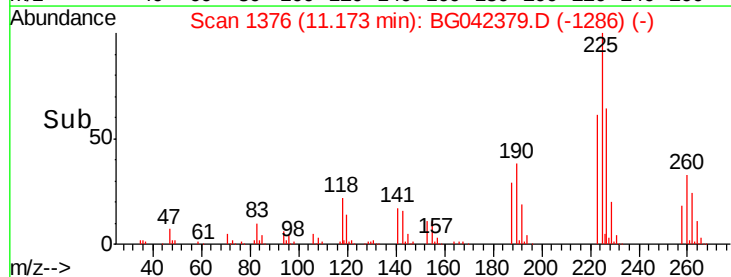


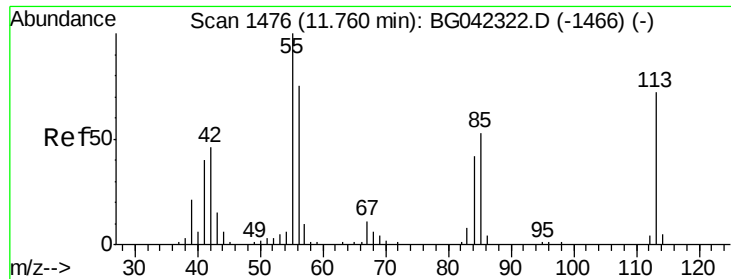
#34
Hexachlorobutadiene
Concen: 42.159 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:225	Resp:	161308
Ion Ratio	Lower	Upper
225	100	
223	60.6	49.8 74.8
227	63.5	52.9 79.3



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

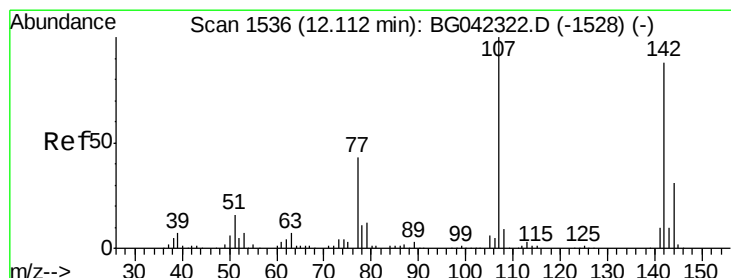
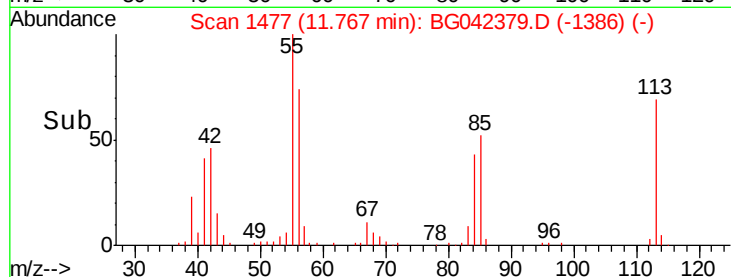
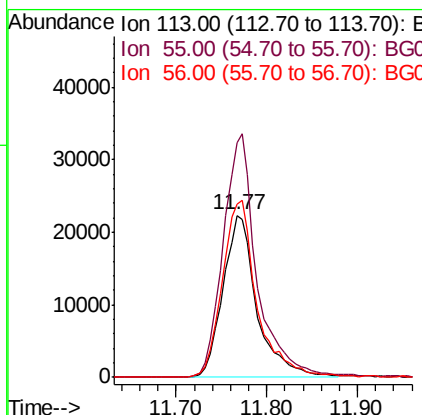
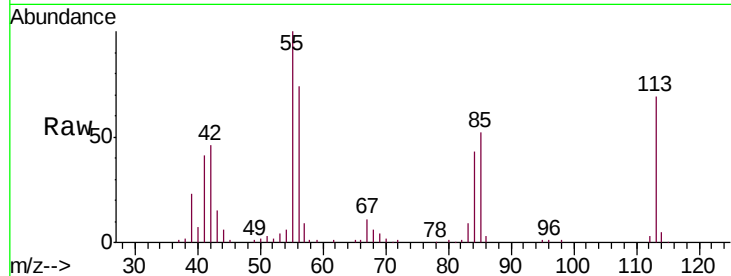




#35
 Caprolactam
 Concen: 39.001 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

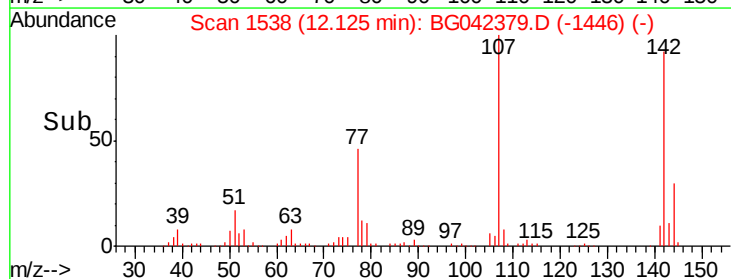
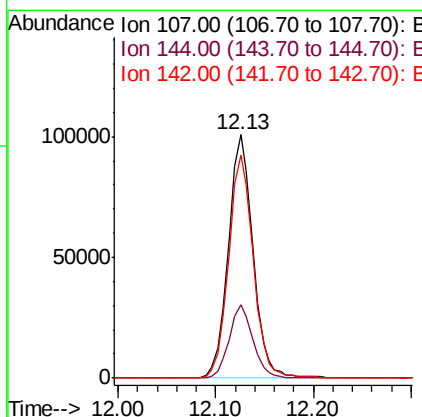
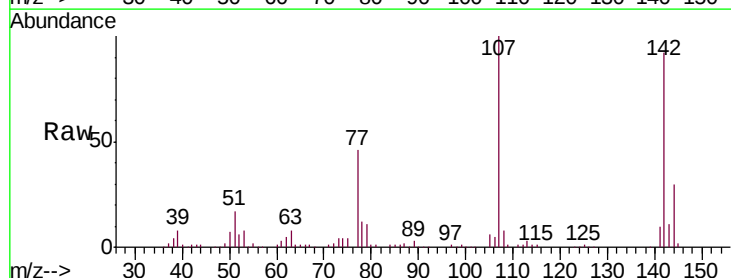
Instrument :
 BNA_G
 ClientSampled :

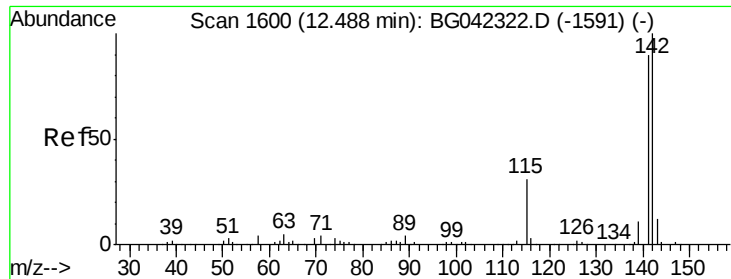
Tot Ion:113 Resp: 58061
 Ion Ratio Lower Upper
 113 100
 55 145.1 119.4 159.4
 56 107.0 83.9 123.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.432 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion:107 Resp: 176520
 Ion Ratio Lower Upper
 107 100
 144 29.9 24.9 37.3
 142 91.9 70.3 105.5

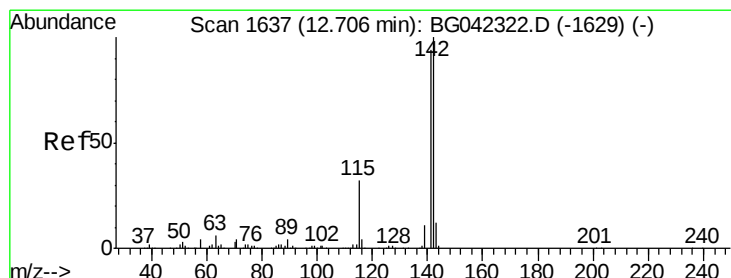
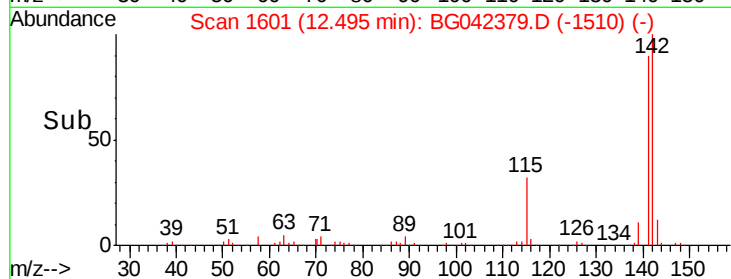
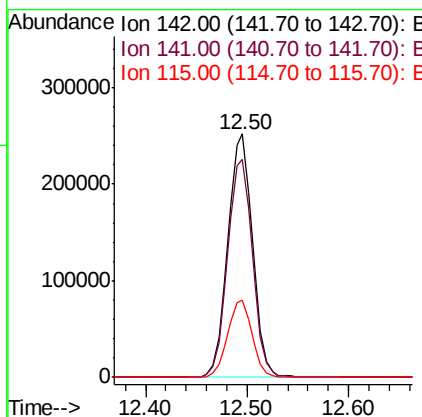
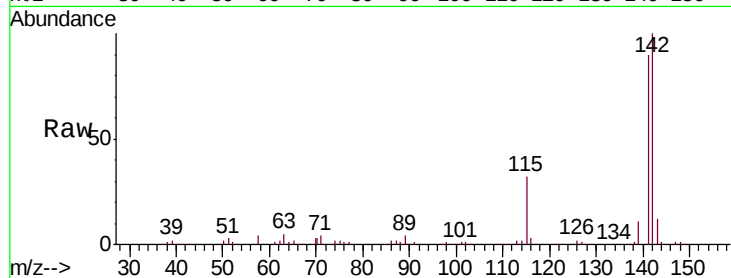




#37
2-Methylnaphthalene
Concen: 40.798 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

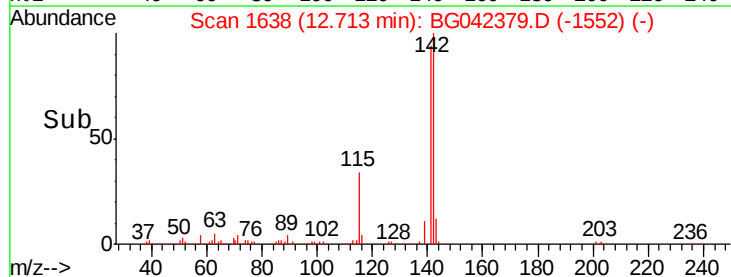
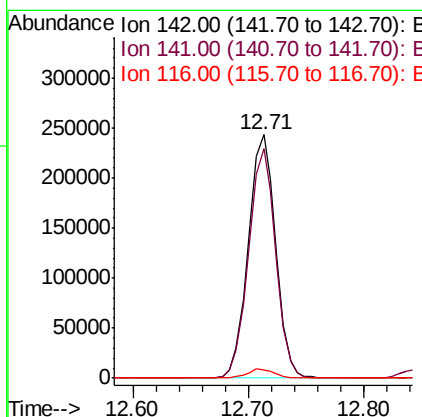
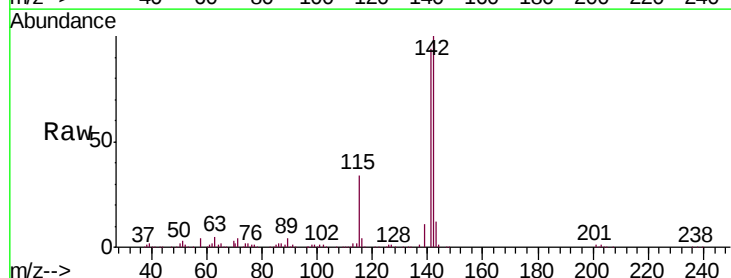
Instrument :
BNA_G
ClientSampleId :

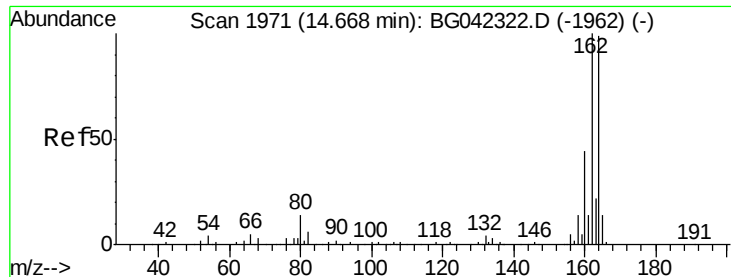
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1
115	31.6	24.4	36.6



#38
1-Methylnaphthalene
Concen: 40.212 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.1	112.7
116	3.6	3.0	4.6

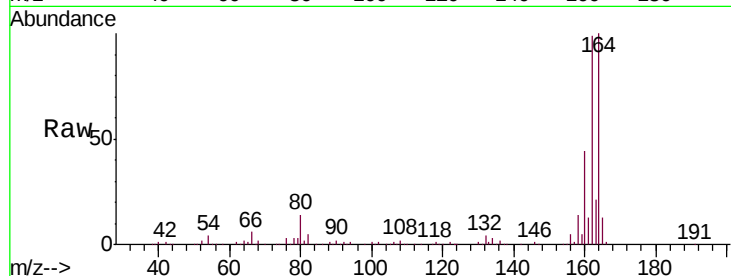




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	120.8
160	43.9	35.7	53.5

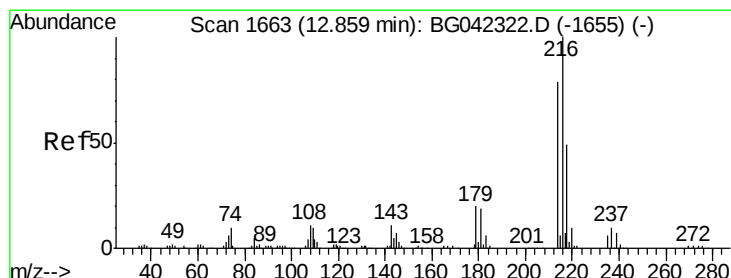
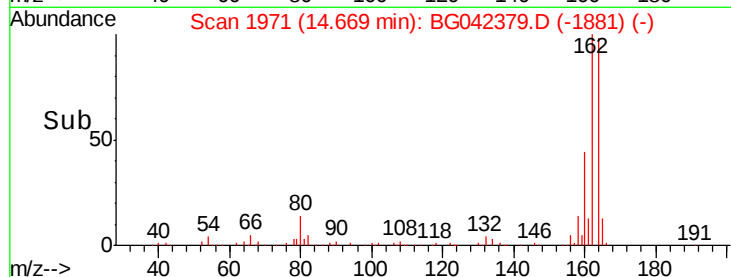
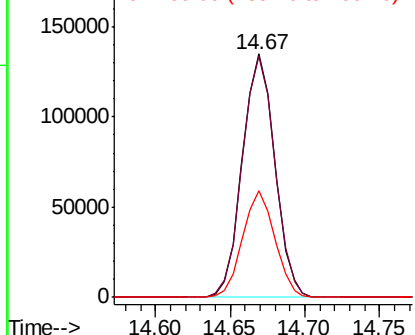


Abundance

Ion 164.00 (163.70 to 164.70): E

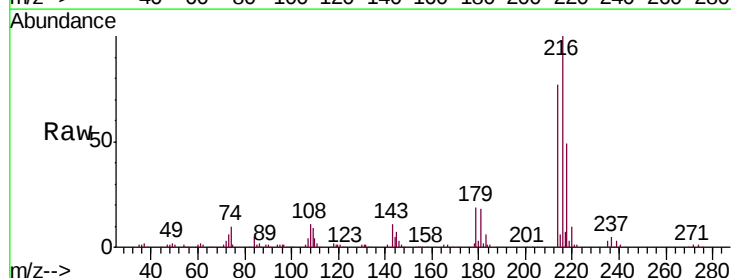
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.674 ng
RT: 12.87 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.2	93.4
179	19.0	15.3	22.9
108	12.1	9.6	14.4



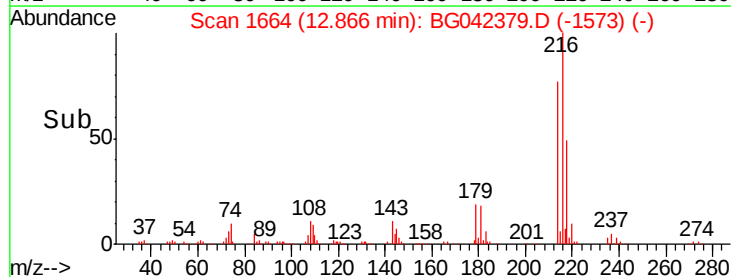
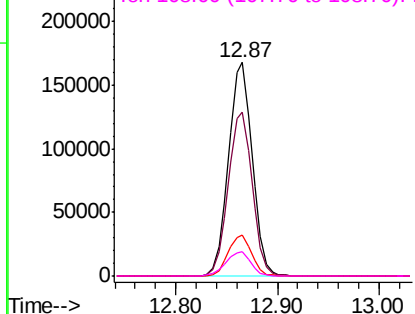
Abundance

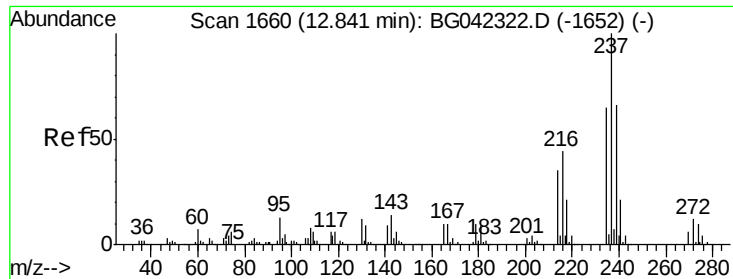
Ion 216.00 (215.70 to 216.70): E

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: 41.909 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

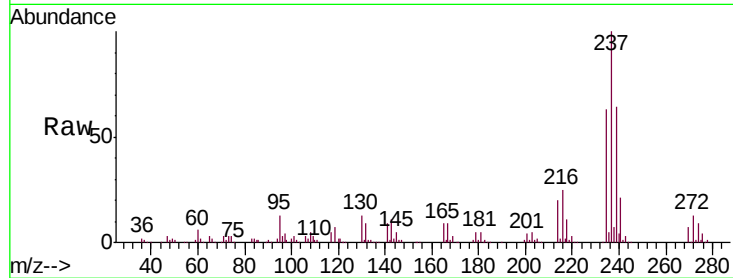
Tot Ion:237 Resp: 145720

Ion Ratio Lower Upper

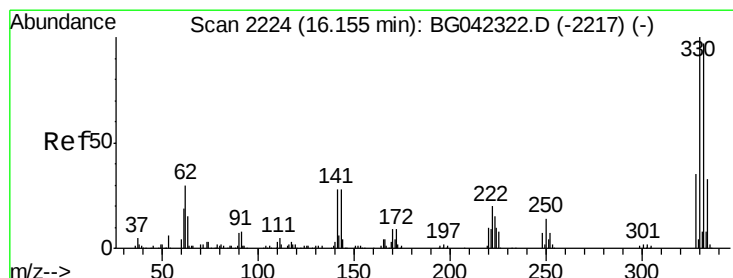
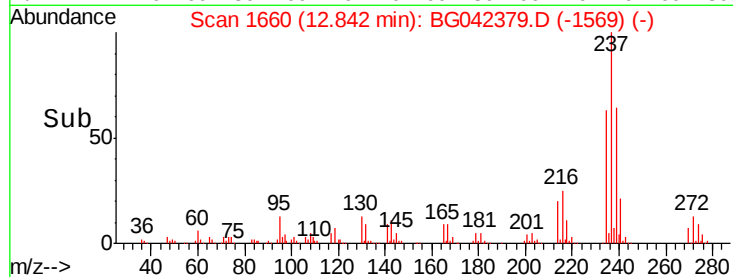
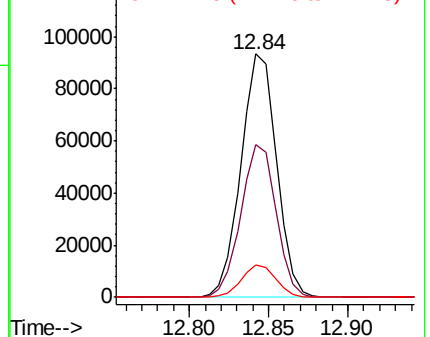
237 100

235 62.9 45.1 85.1

272 13.4 0.0 32.3



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: 81.769 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

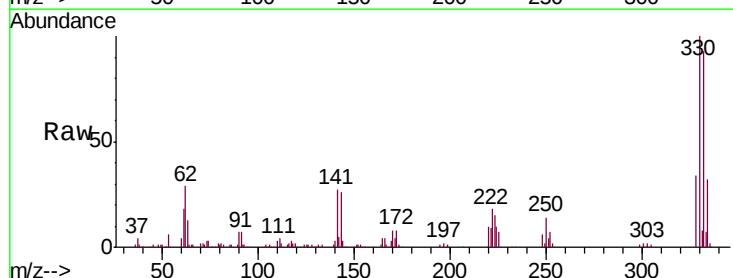
Tgt Ion:330 Resp: 225868

Ion Ratio Lower Upper

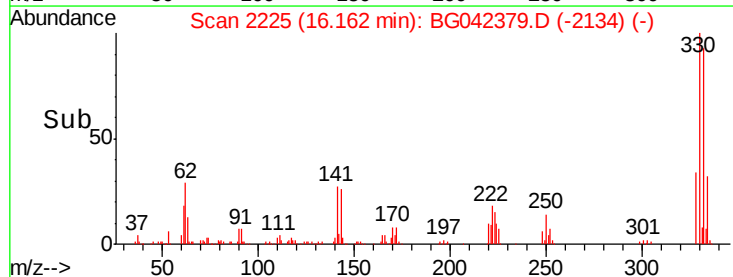
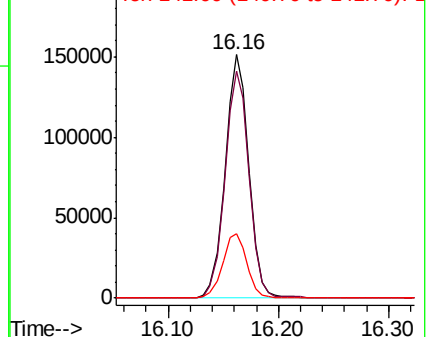
330 100

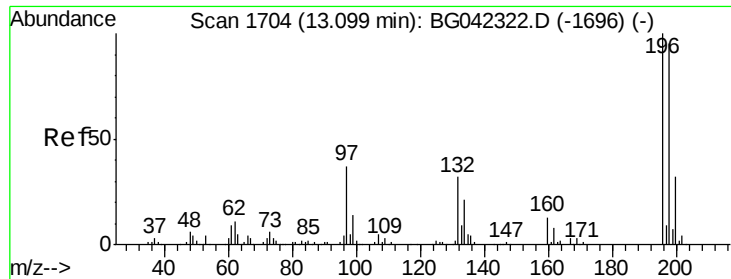
332 95.4 76.9 115.3

141 27.1 21.8 32.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

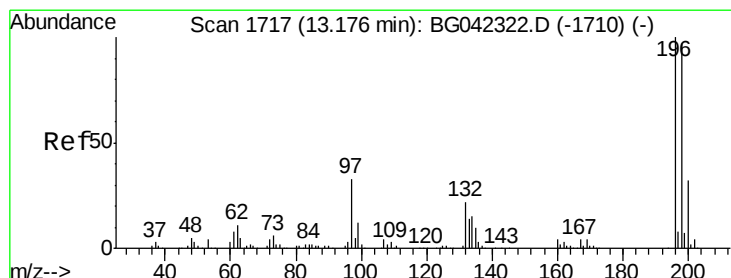
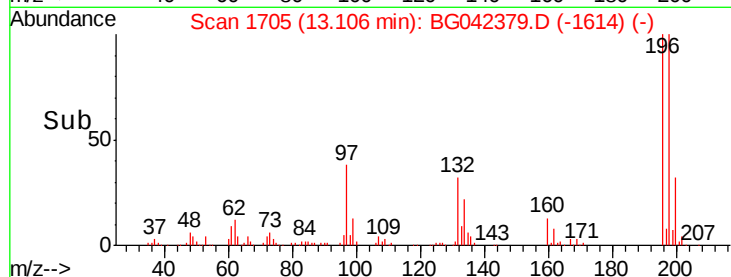
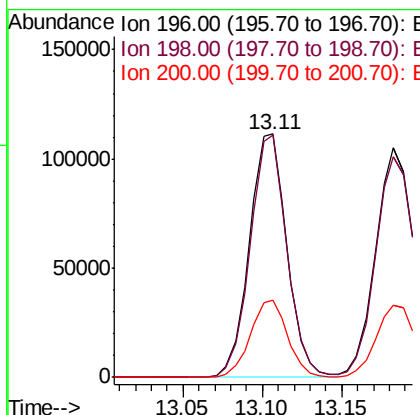
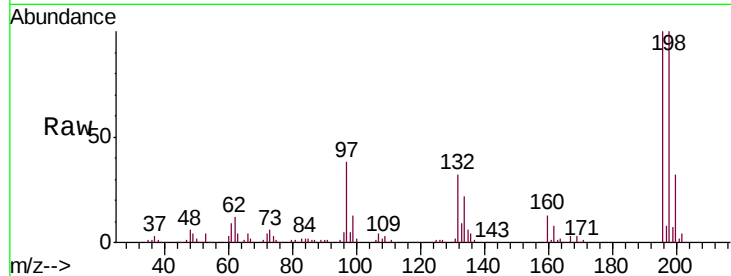




#43
 2,4,6-Trichlorophenol
 Concen: 41.851 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

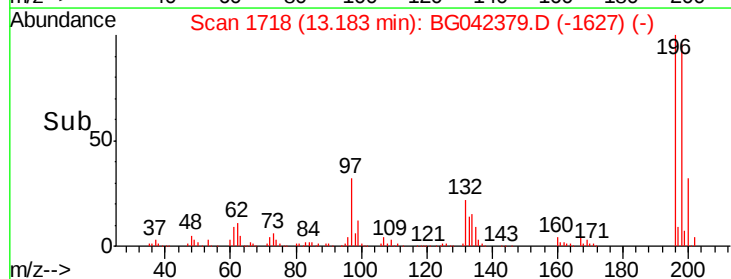
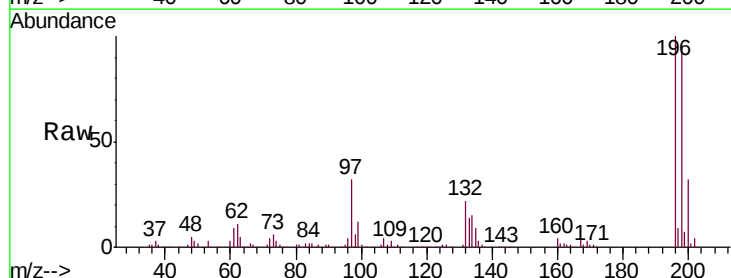
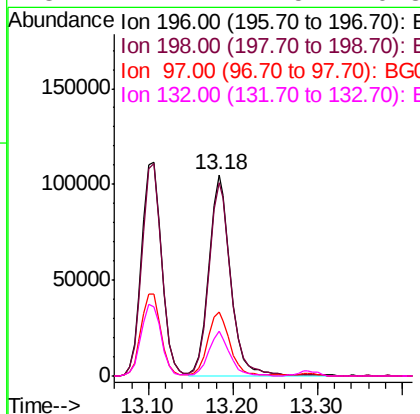
Instrument :
 BNA_G
 ClientSampled :

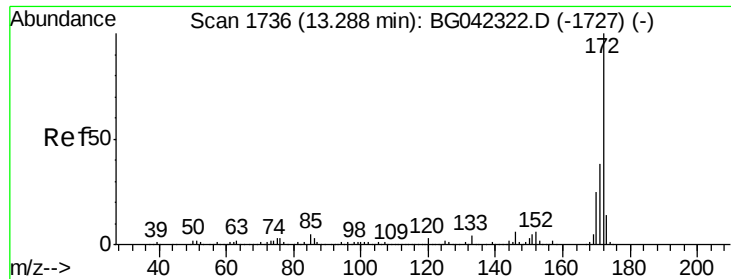
Tot Ion	196	198	200
Resp	183116		
Ratio	100	99.7	31.5
Lower		75.9	25.5
Upper		113.9	38.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.749 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion	196	198	97	132
Resp	188144			
Ratio	100	96.2	32.1	22.4
Lower		77.4	26.5	17.5
Upper		116.2	39.7	26.3



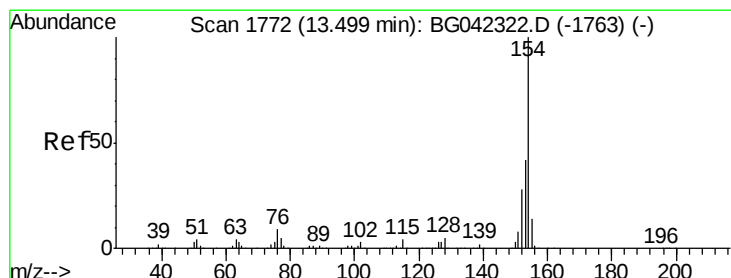
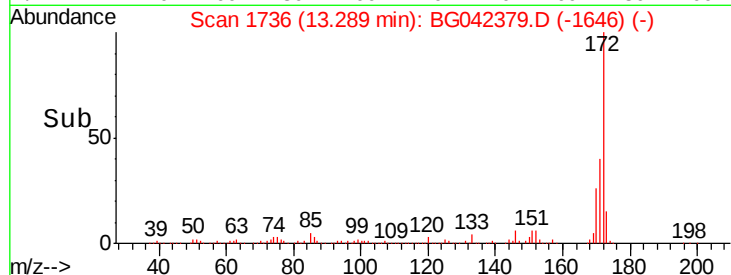
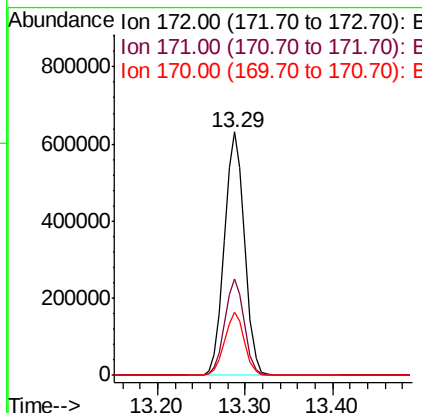
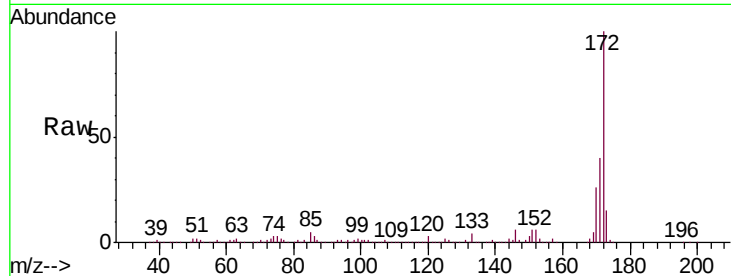


#45
 2-Fluorobiphenyl
 Concen: 83.569 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1001613

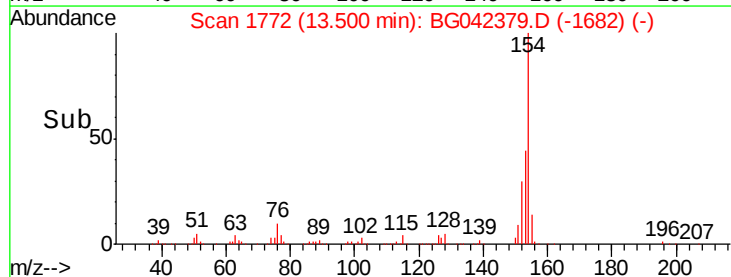
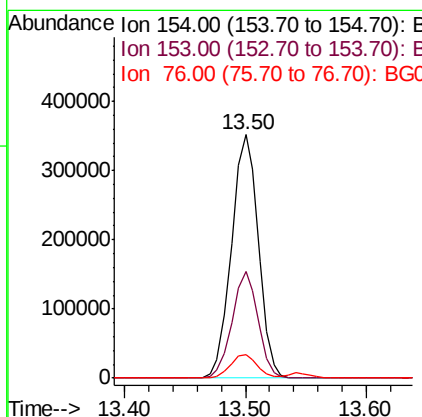
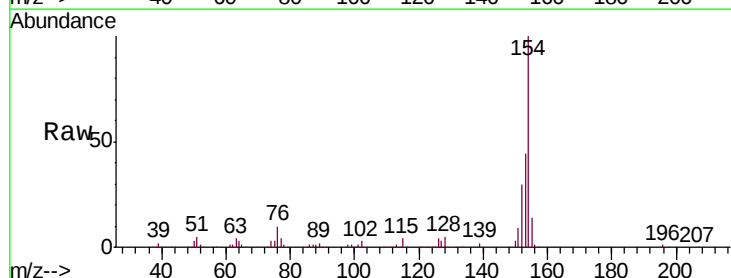
Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.3	45.5
170	26.1	20.0	30.0

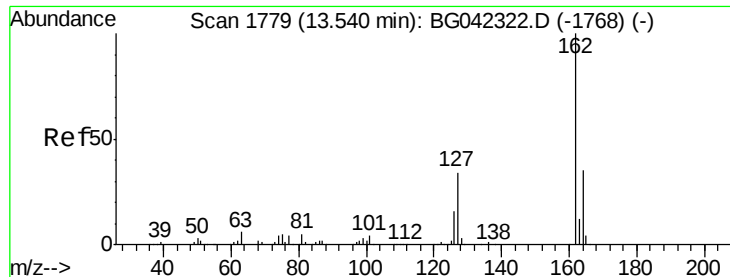


#46
 1,1'-Biphenyl
 Concen: 41.195 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion:154 Resp: 545095

Ion	Ratio	Lower	Upper
154	100		
153	43.7	21.9	61.9
76	9.7	0.0	29.3





#47

2-Chloronaphthalene

Concen: 41.385 ng

RT: 13.54 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

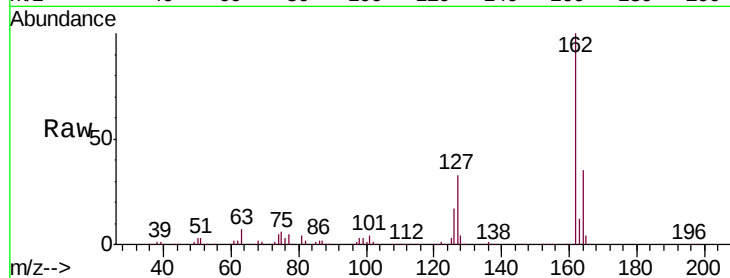
Tot Ion:162 Resp: 466840

Ion Ratio Lower Upper

162 100

127 33.4 27.2 40.8

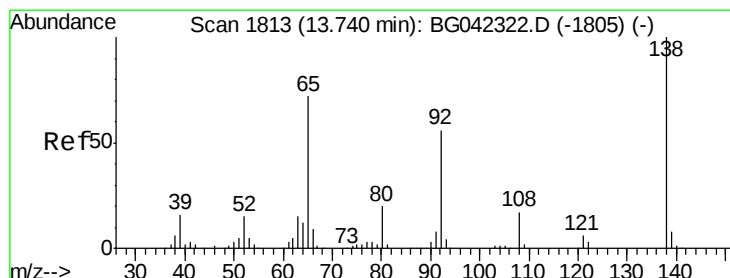
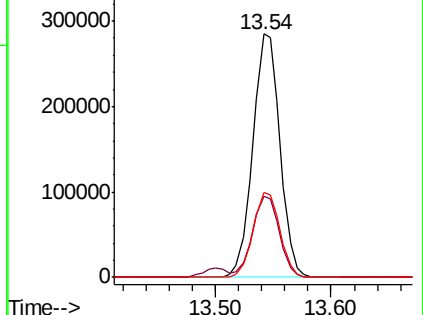
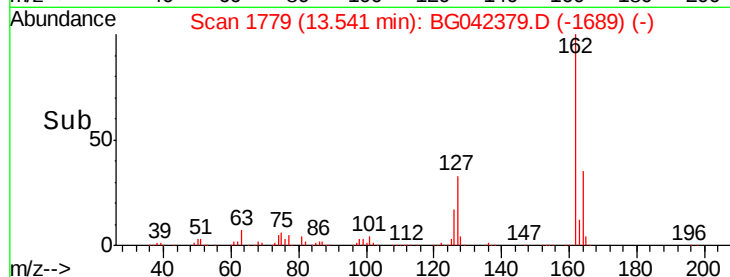
164 34.9 27.8 41.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.616 ng

RT: 13.75 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

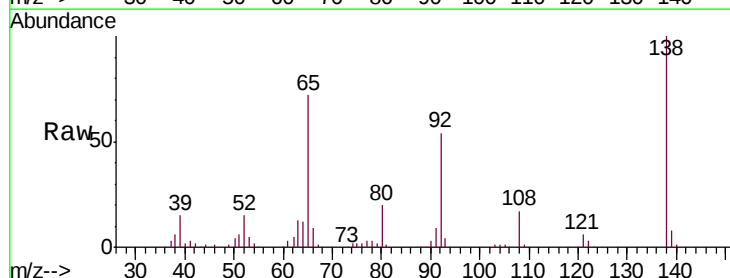
Tgt Ion: 65 Resp: 110949

Ion Ratio Lower Upper

65 100

92 75.0 62.6 94.0

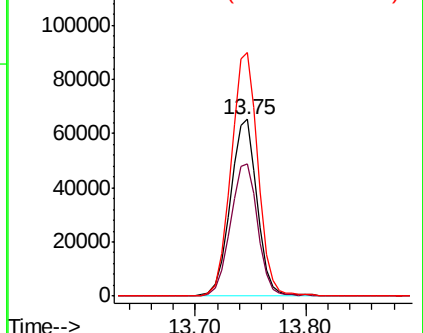
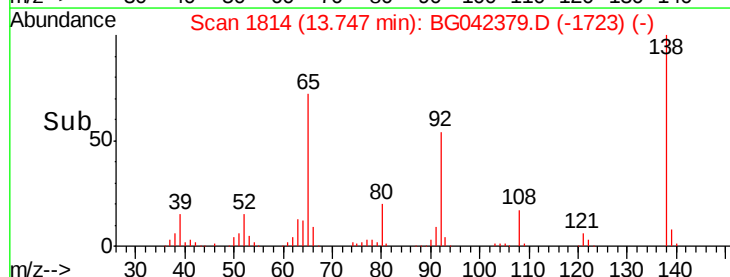
138 138.0 111.5 167.3

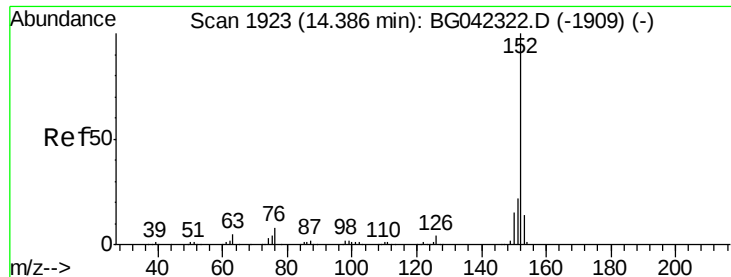


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.788 ng

RT: 14.39 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

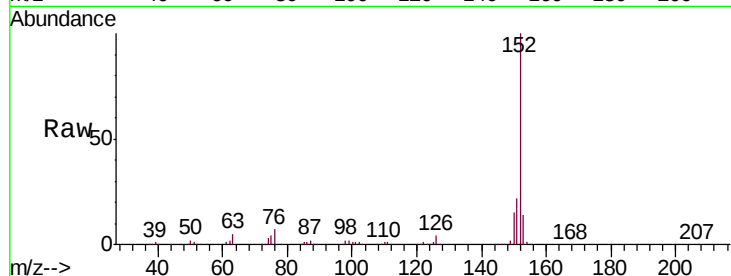
Tot Ion:152 Resp: 691691

Ion Ratio Lower Upper

152 100

151 21.9 17.3 25.9

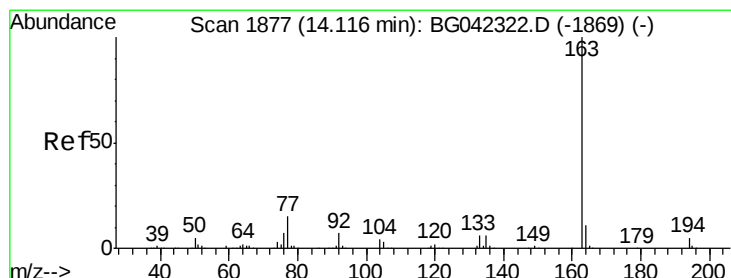
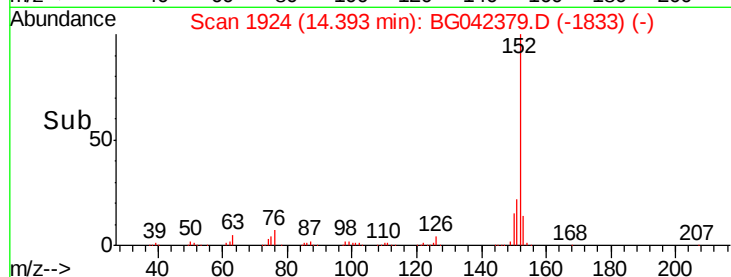
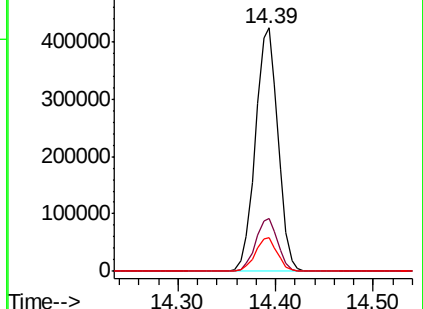
153 13.9 11.5 17.3



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: 41.299 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

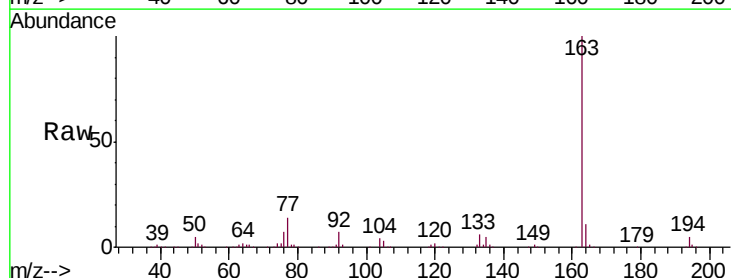
Tgt Ion:163 Resp: 595186

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

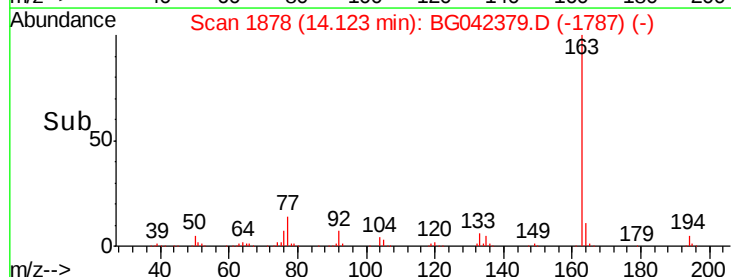
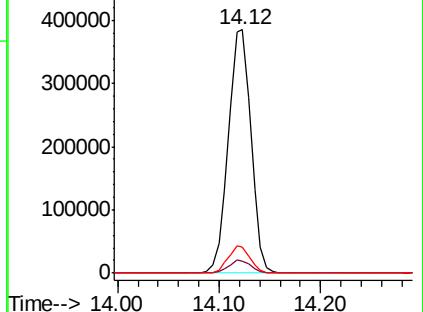
164 10.7 8.8 13.2

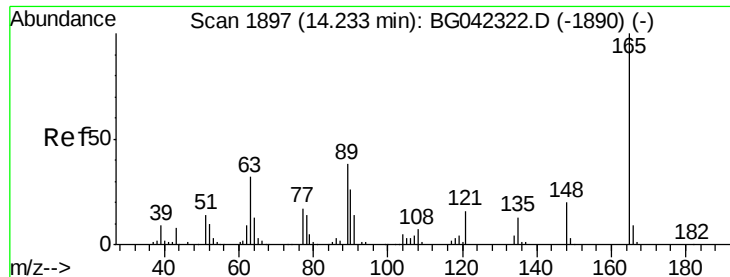


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

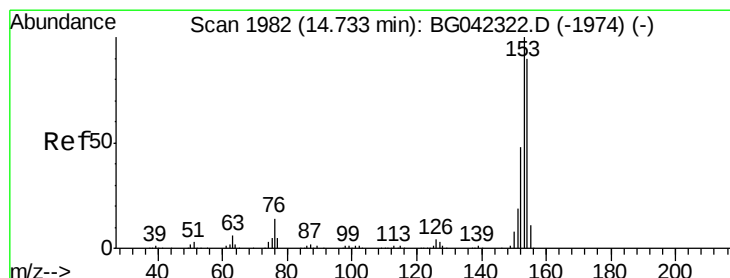
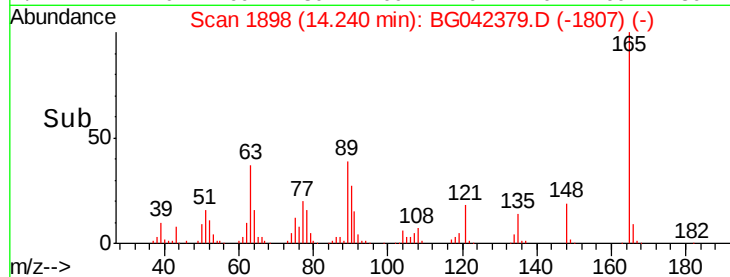
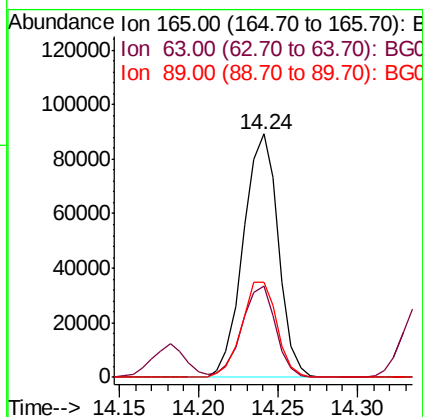
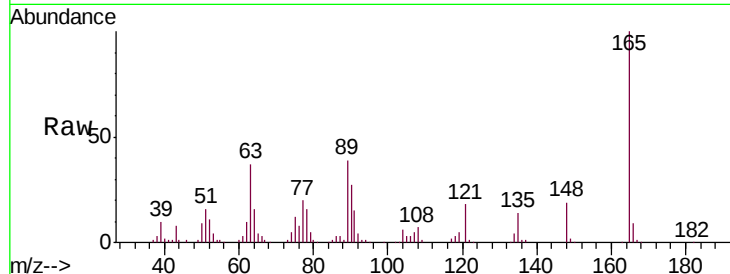




#51
 2,6-Dinitrotoluene
 Concen: 40.528 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

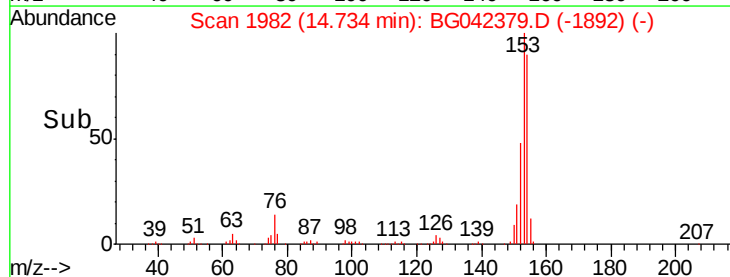
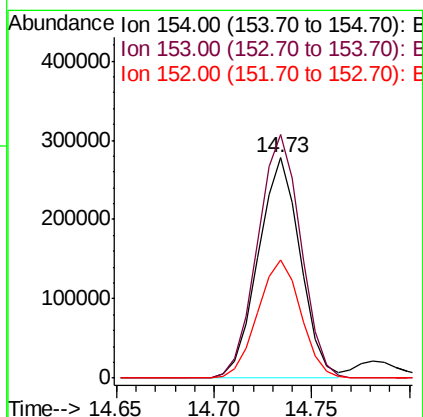
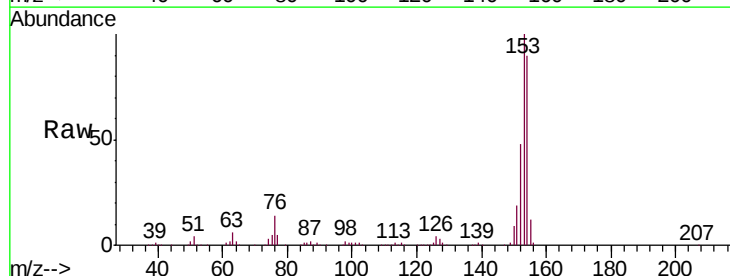
Instrument :
 BNA_G
 ClientSampleId :

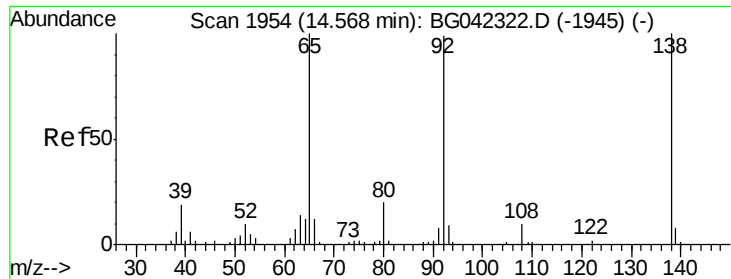
Tot Ion:165 Resp: 136698
 Ion Ratio Lower Upper
 165 100
 63 37.4 28.2 42.2
 89 39.1 30.0 45.0



#52
 Acenaphthene
 Concen: 40.190 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion:154 Resp: 415762
 Ion Ratio Lower Upper
 154 100
 153 110.5 89.4 134.0
 152 53.4 43.1 64.7

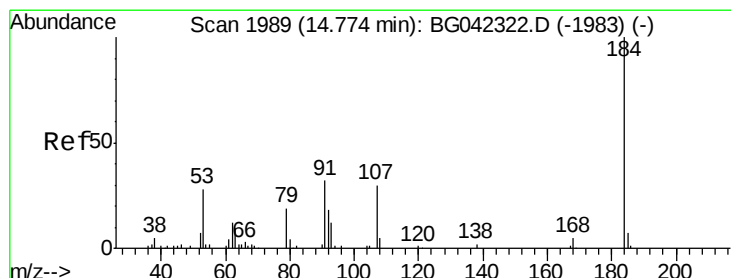
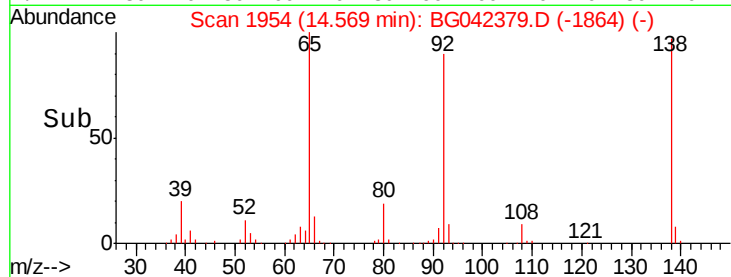
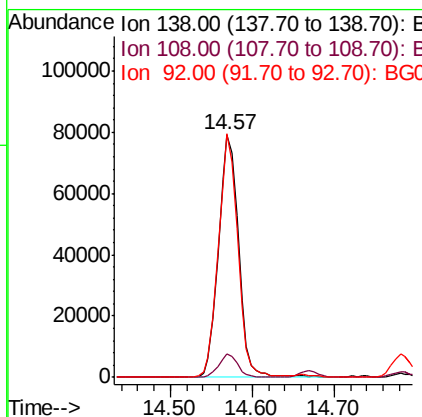
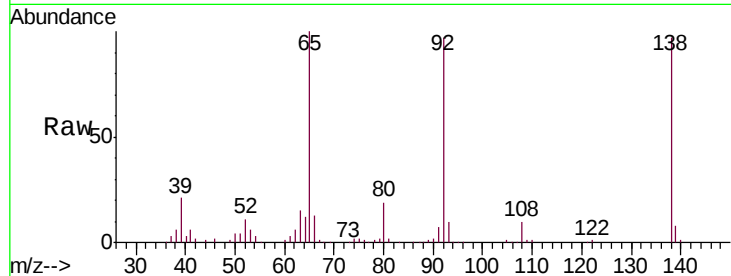




#53
 3-Nitroaniline
 Concen: 40.963 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

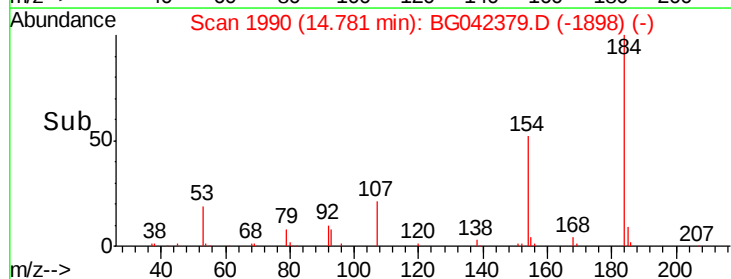
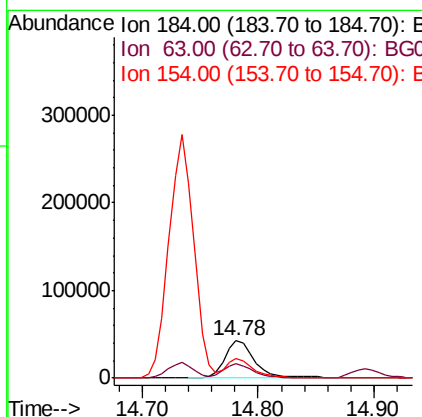
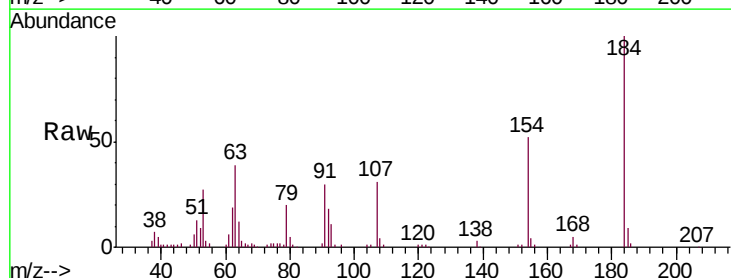
Instrument :
 BNA_G
 ClientSampleId :

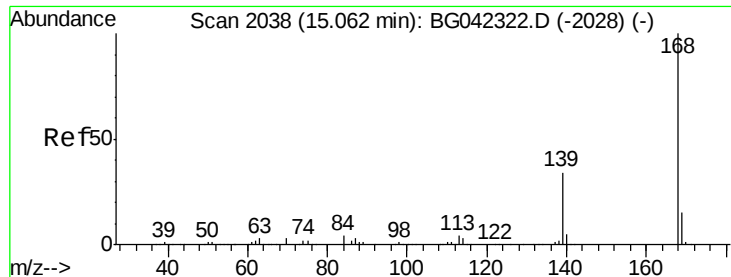
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	100.3	79.8	119.8



#54
 2,4-Dinitrophenol
 Concen: 39.146 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.7	30.2	45.4
154	51.7	39.7	59.5

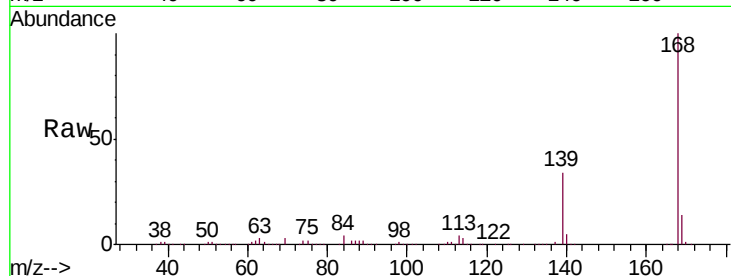




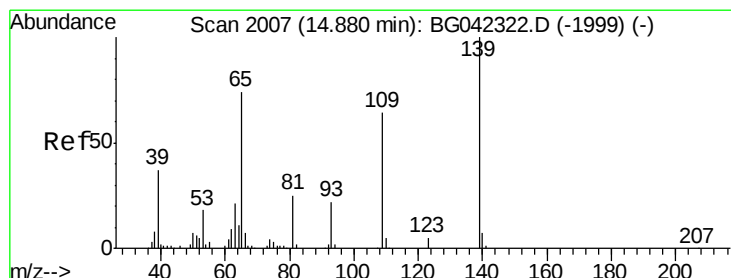
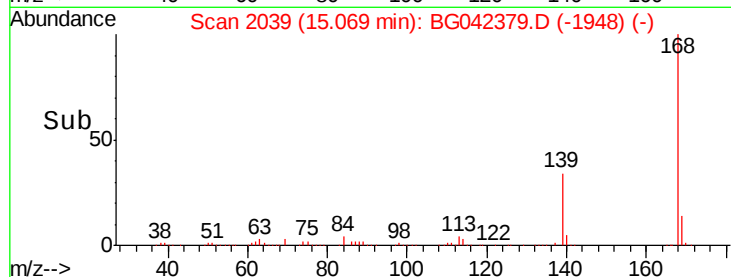
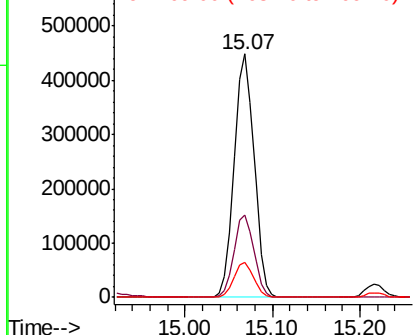
#55
Dibenzenofuran
Concen: 41.059 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 691866
Ion Ratio Lower Upper
168 100
139 34.0 27.6 41.4
169 14.2 11.7 17.5

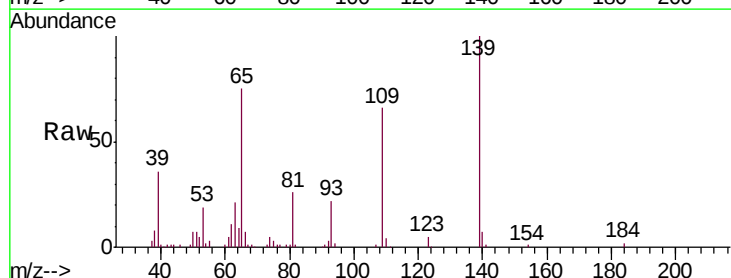


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

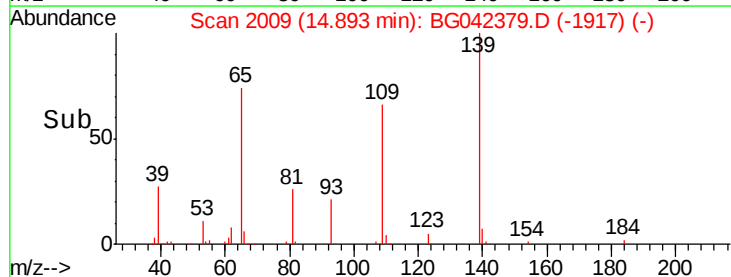
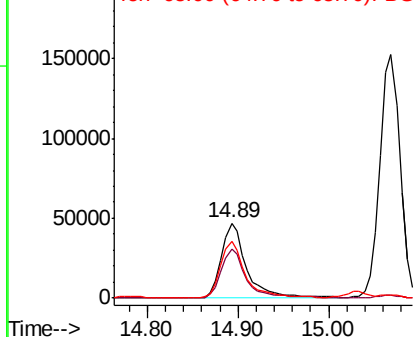


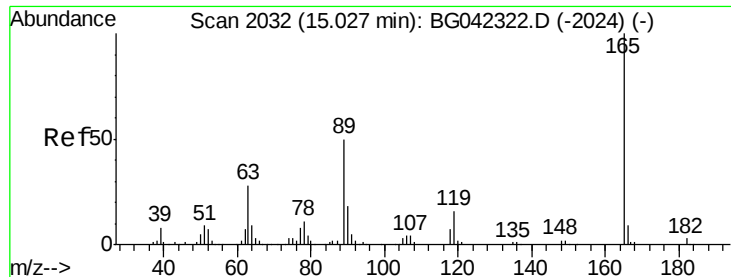
#56
4-Nitrophenol
Concen: 37.738 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:139 Resp: 90292
Ion Ratio Lower Upper
139 100
109 66.3 44.0 84.0
65 75.2 54.5 94.5



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

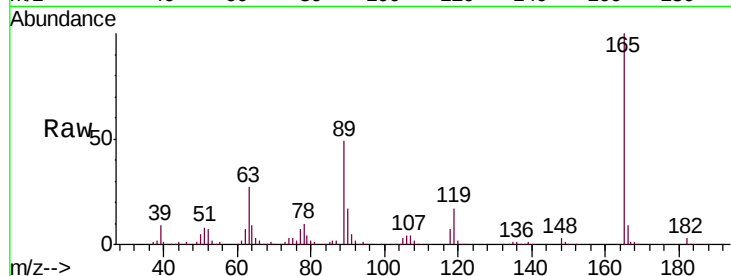




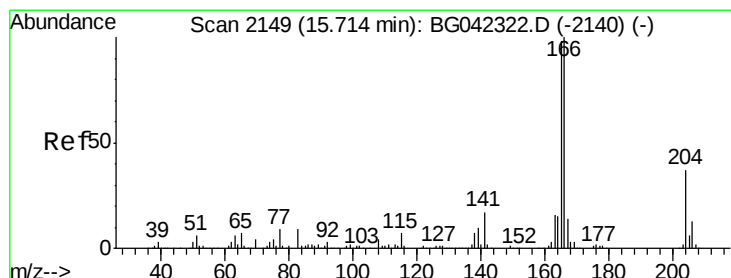
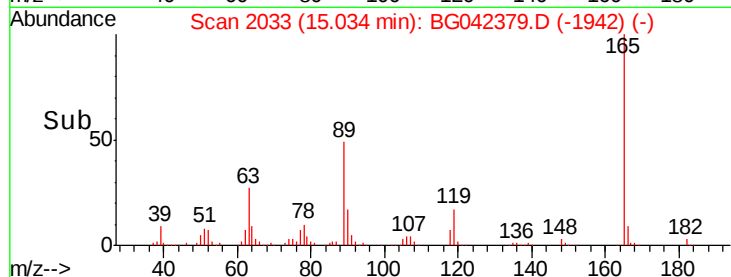
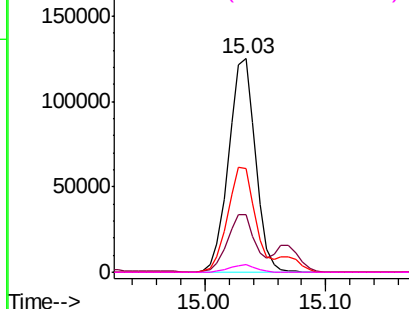
#57
 2,4-Dinitrotoluene
 Concen: 40.963 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	193169
Ion Ratio	Lower	Upper
165	100	
63	27.3	22.4 33.6
89	48.7	40.2 60.2
182	3.4	2.6 3.8

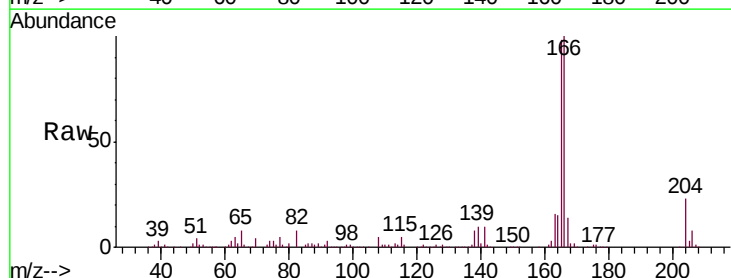


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

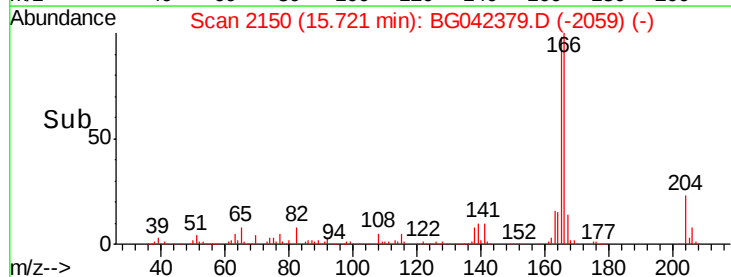
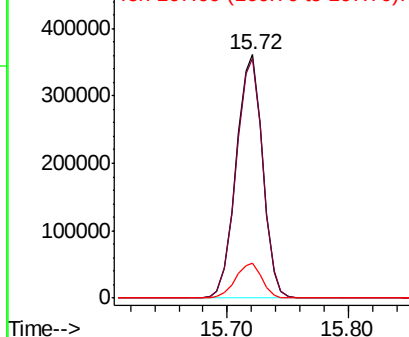


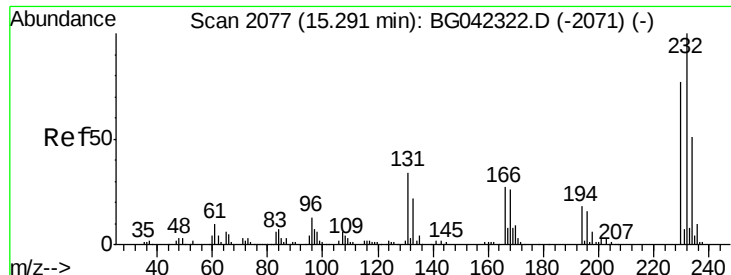
#58
 Fluorene
 Concen: 40.277 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion:166	Resp:	552098
Ion Ratio	Lower	Upper
166	100	
165	98.2	78.7 118.1
167	14.1	11.1 16.7



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

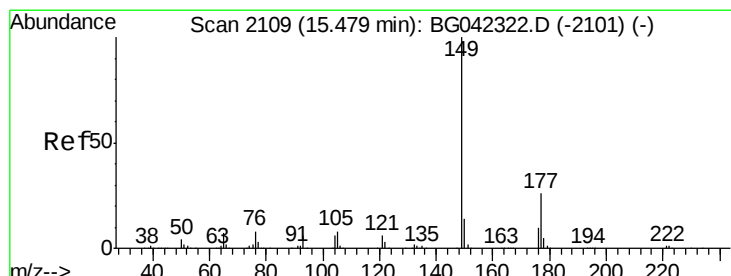
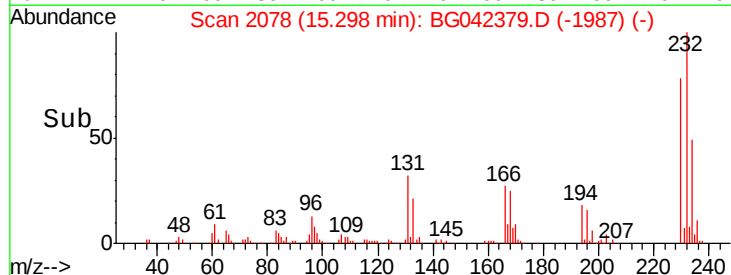
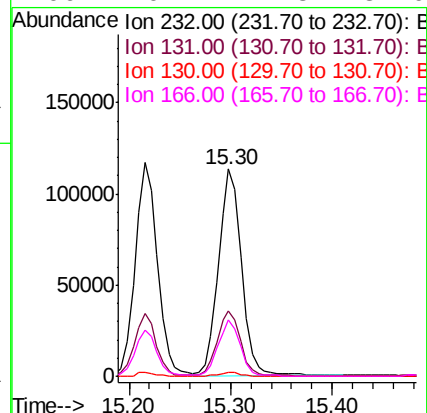
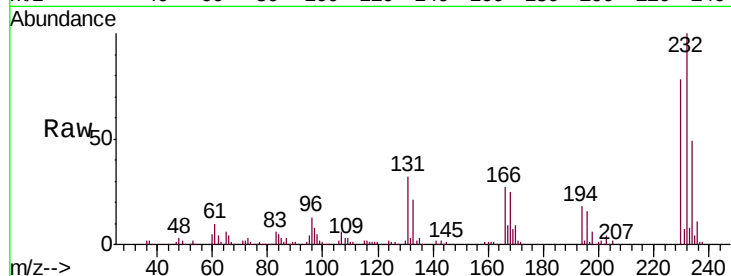




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.894 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

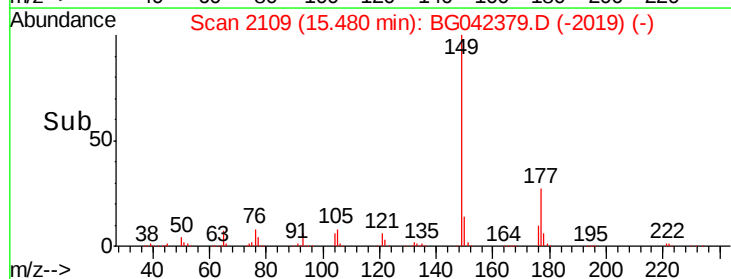
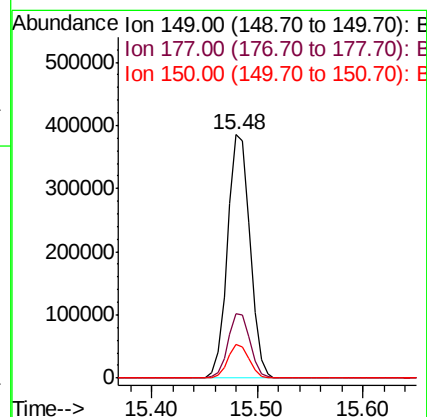
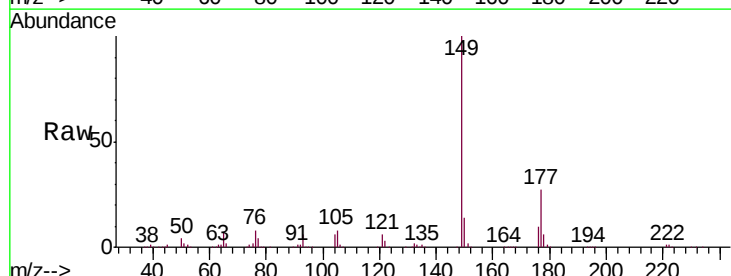
Instrument :
 BNA_G
 ClientSampleId :

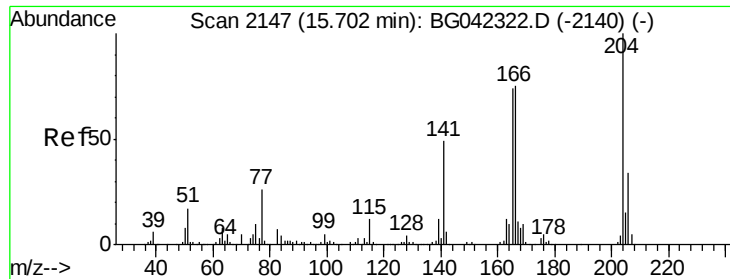
Tot Ion	Ion	Ratio	Lower	Upper
232	232	100		
131	131	31.7	27.0	40.6
130	130	1.8	1.4	2.0
166	166	26.1	21.3	31.9



#60
 Diethylphthalate
 Concen: 40.623 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion	Ion	Ratio	Lower	Upper
149	149	100		
177	177	26.7	20.7	31.1
150	150	13.7	11.0	16.4

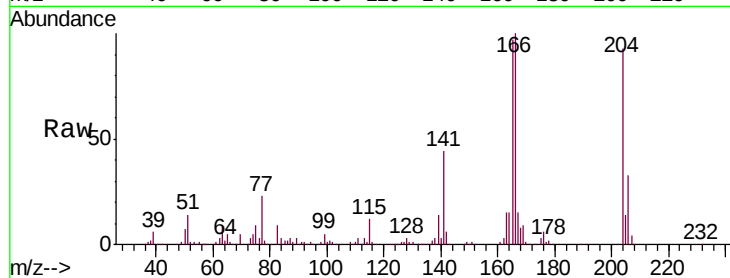




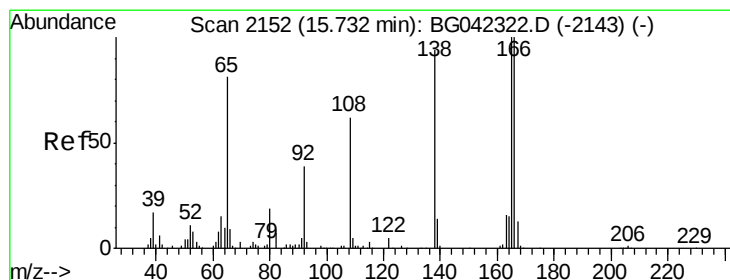
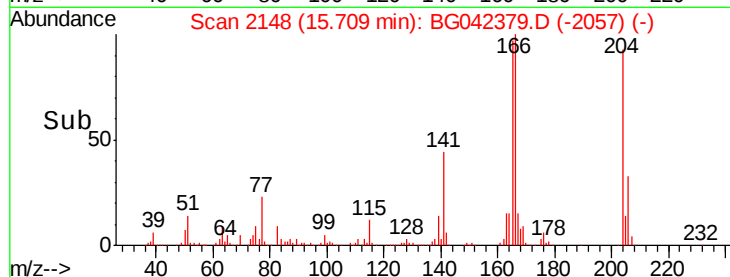
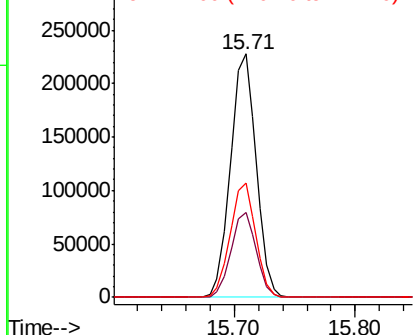
#61
4-Chlorophenyl-phenylether
Concen: 40.965 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 337205
Ion Ratio Lower Upper
204 100
206 35.1 27.5 41.3
141 47.0 38.8 58.2

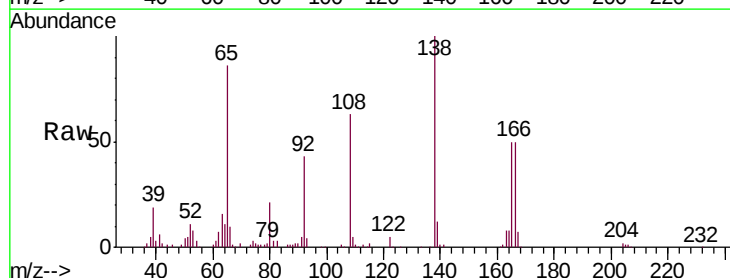


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

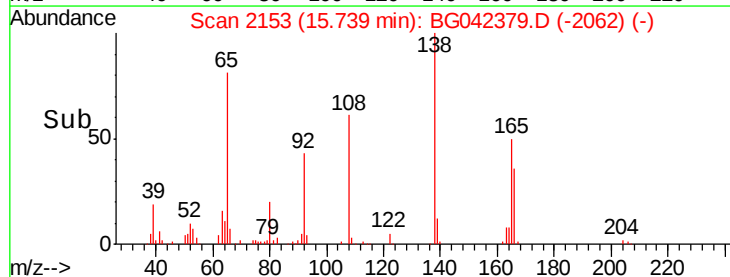
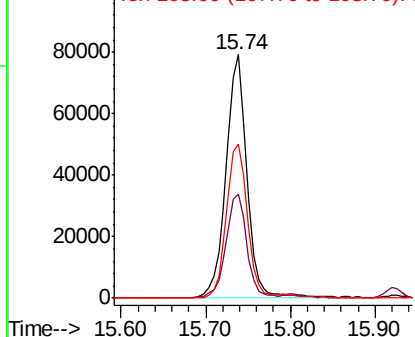


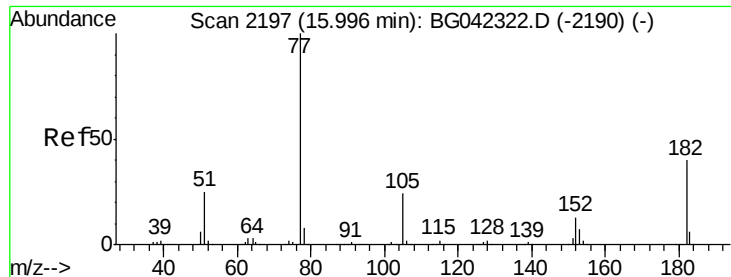
#62
4-Nitroaniline
Concen: 38.657 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:138 Resp: 135480
Ion Ratio Lower Upper
138 100
92 42.5 21.5 61.5
108 63.0 45.7 85.7



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

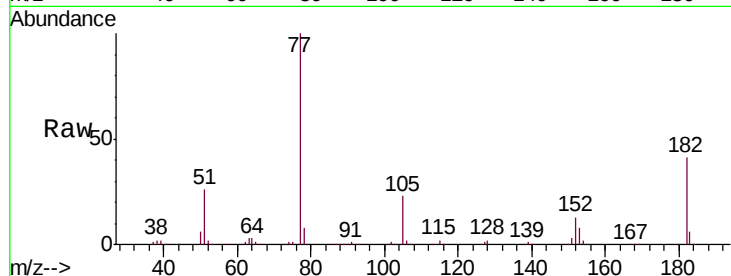




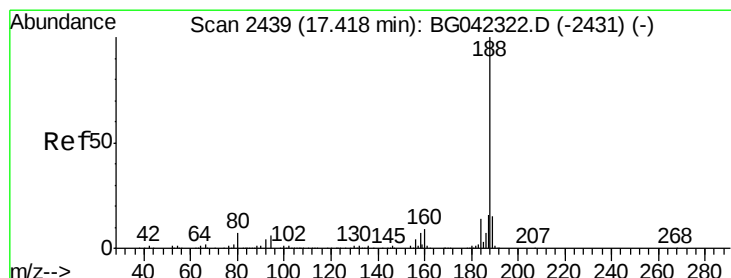
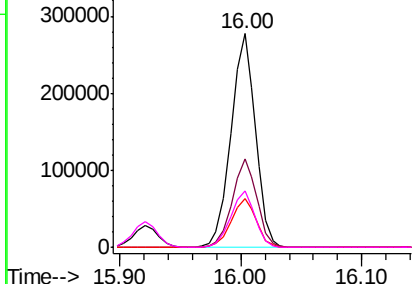
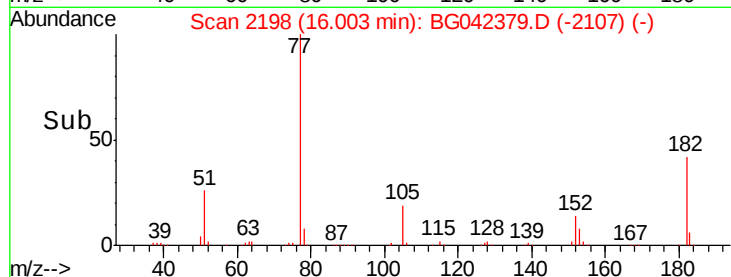
#63
Azobenzene
Concen: 39.995 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	388601
Ion	Ratio	Lower	Upper
77	100		
182	41.1	19.7	59.7
105	22.7	3.5	43.5
51	26.3	5.4	45.4

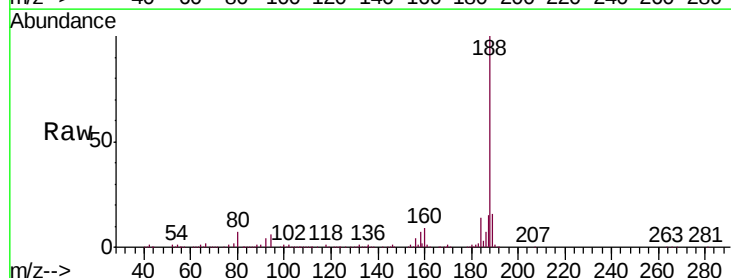


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

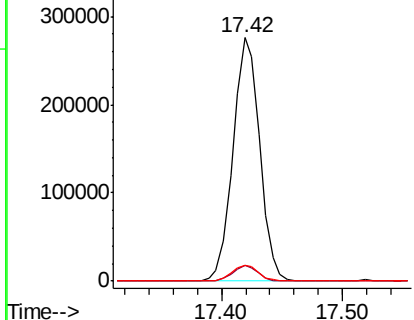
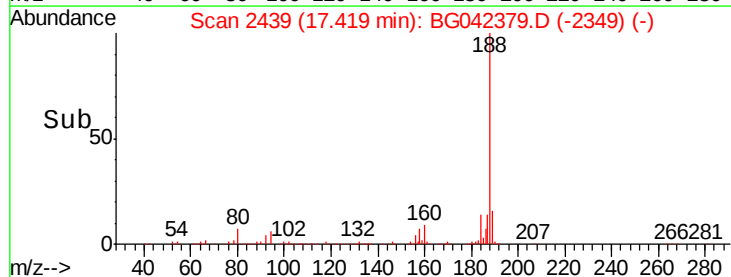


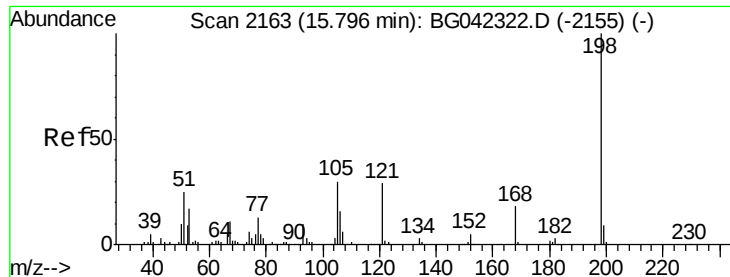
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:	188	Resp:	424919
Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.9	7.3
80	6.7	5.4	8.0



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

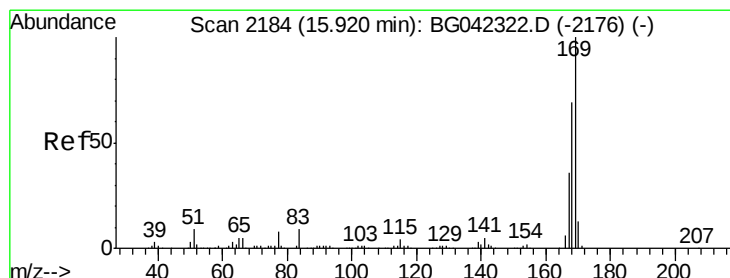
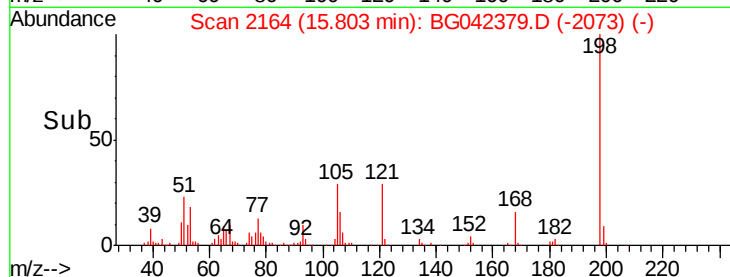
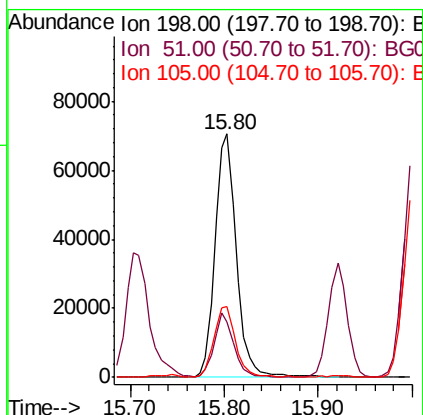
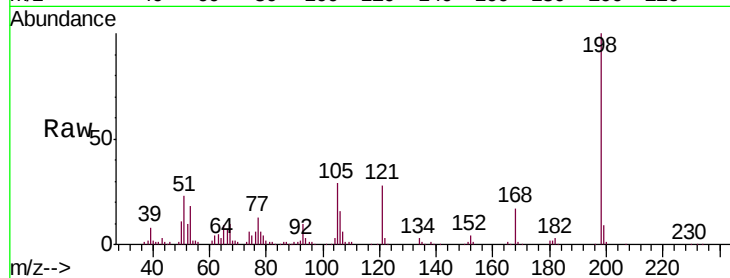




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.414 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

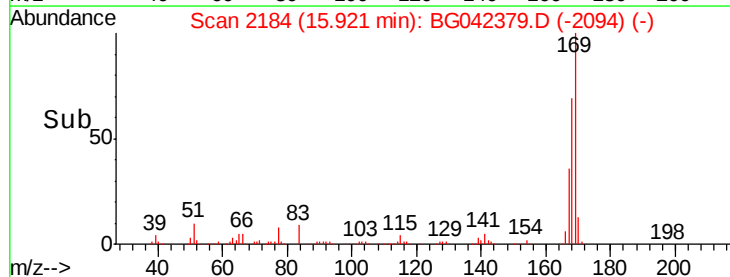
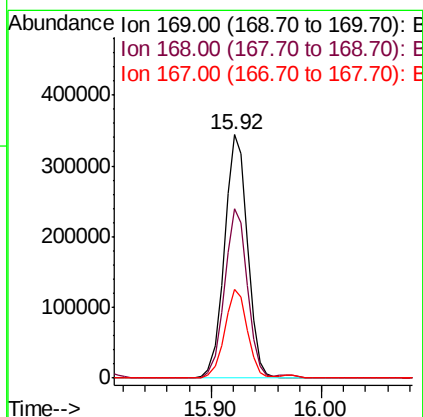
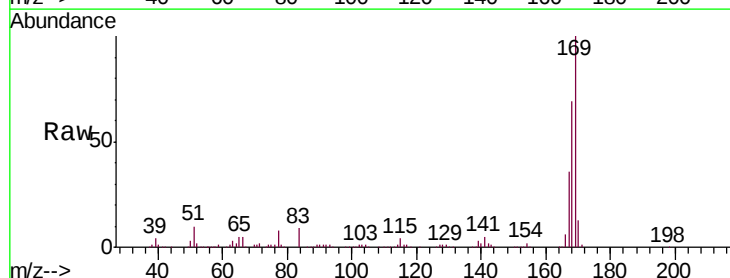
Instrument :
 BNA_G
 ClientSampleId :

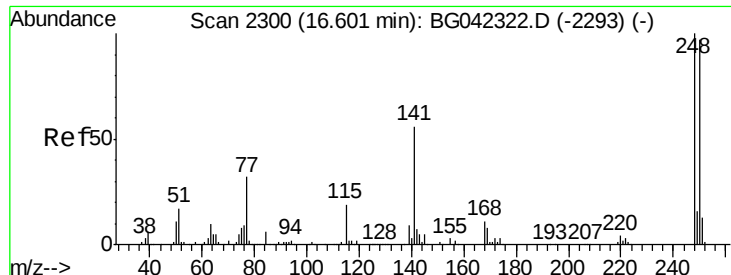
Tot Ion	Ratio	Lower	Upper
198	100		
51	22.9	6.4	46.4
105	29.2	10.0	50.0



#66
 n-Nitrosodiphenylamine
 Concen: 42.237 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.5	83.3
167	36.3	28.9	43.3

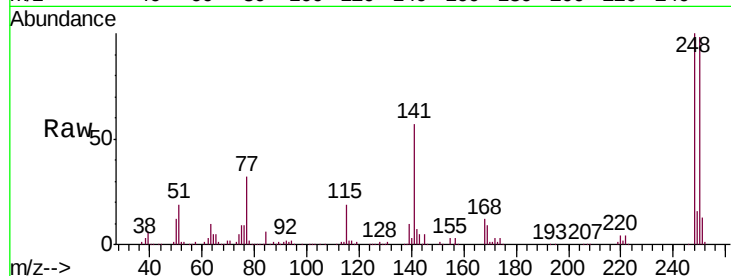




#67
 4-Bromophenyl-phenylether
 Concen: 42.726 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.0	117.0
141	56.5	44.9	67.3

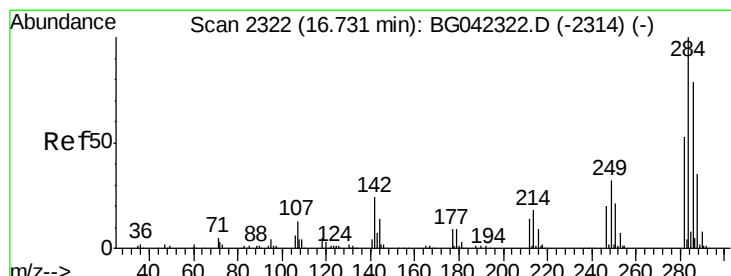
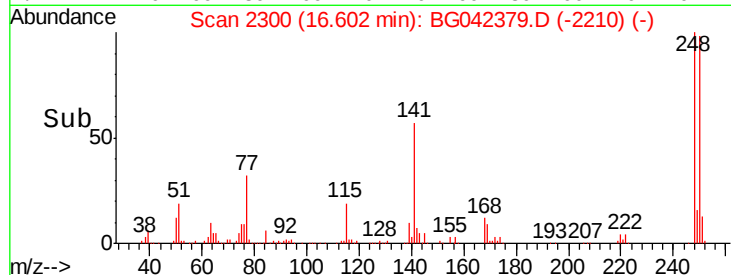
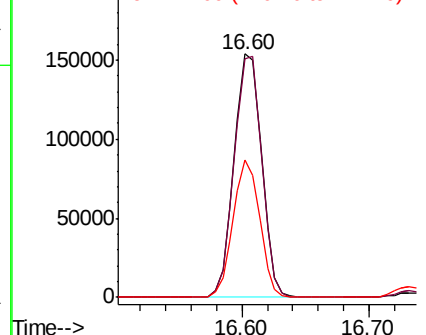


Abundance

Ion 248.00 (247.70 to 248.70): E

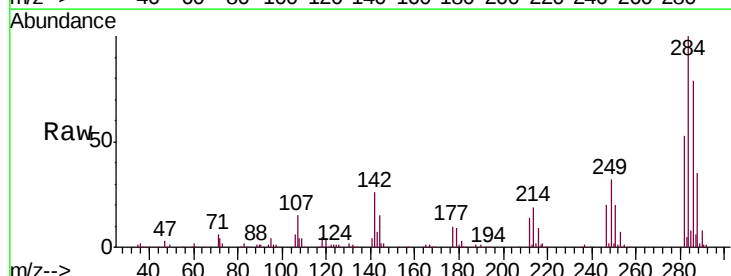
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.382 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	19.0	28.4
249	31.7	25.9	38.9

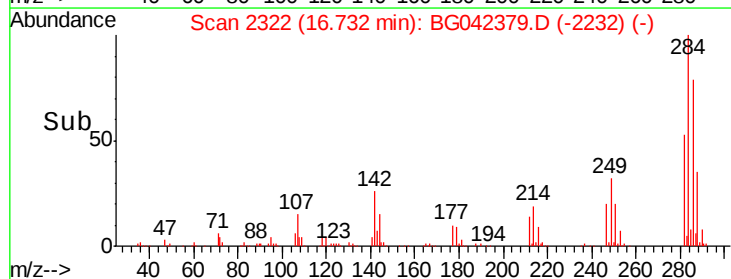
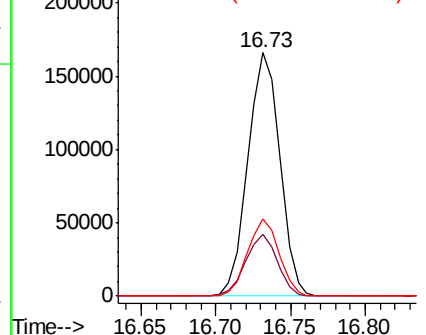


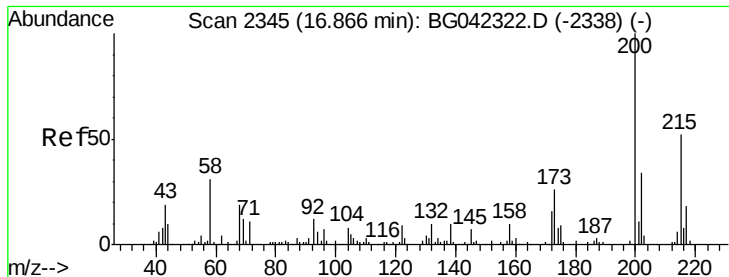
Abundance

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: 39.599 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

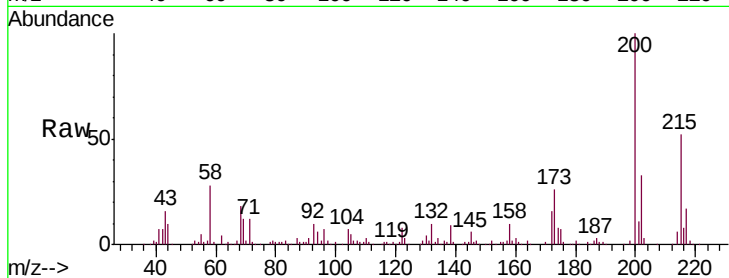
Tot Ion:200 Resp: 161388

Ion Ratio Lower Upper

200 100

173 25.7 6.0 46.0

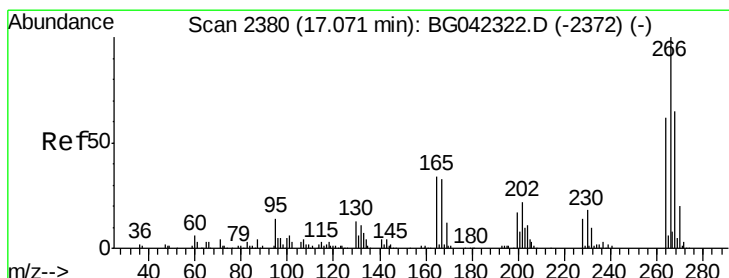
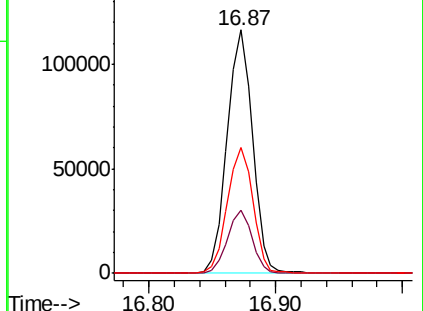
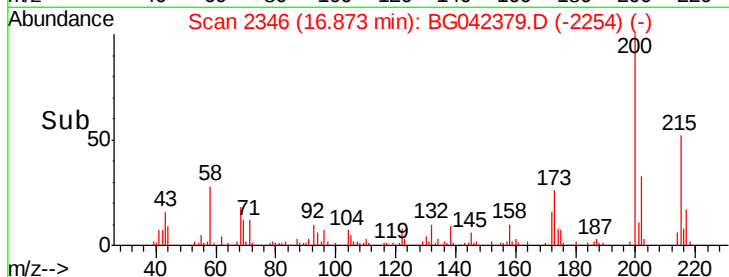
215 51.8 32.4 72.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.859 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

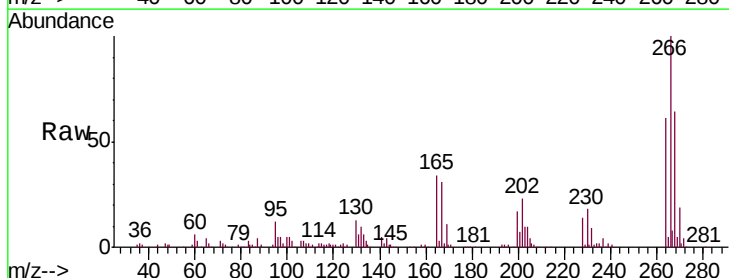
Tgt Ion:266 Resp: 125983

Ion Ratio Lower Upper

266 100

268 64.1 51.6 77.4

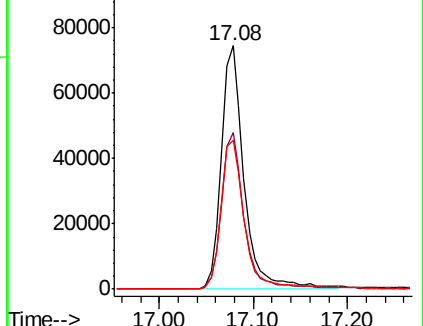
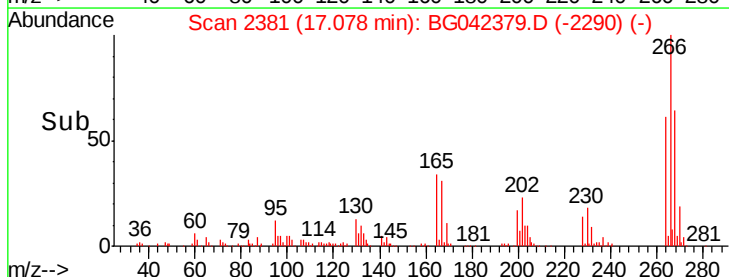
264 61.4 49.5 74.3

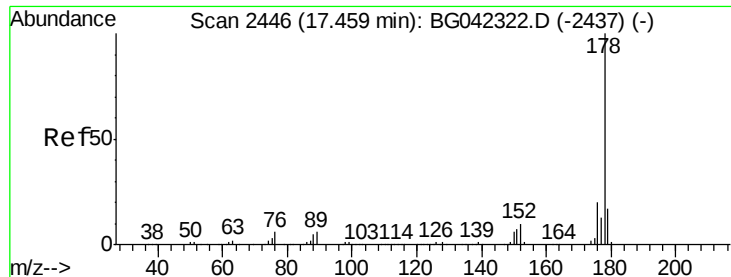


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

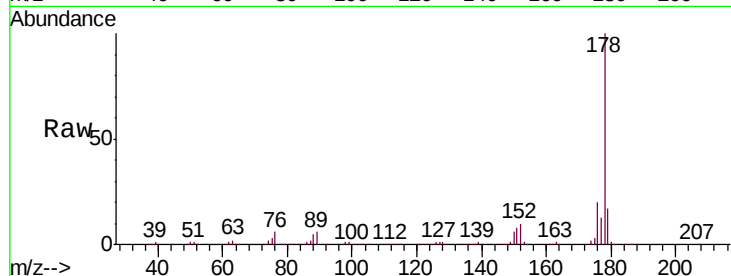




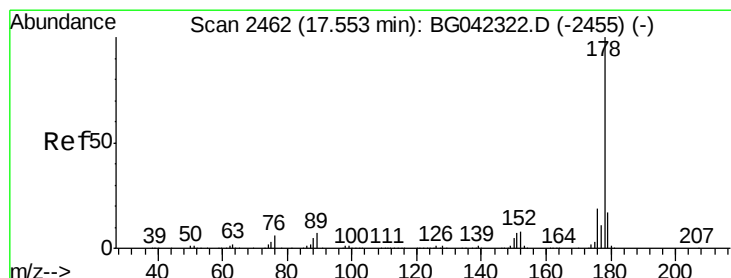
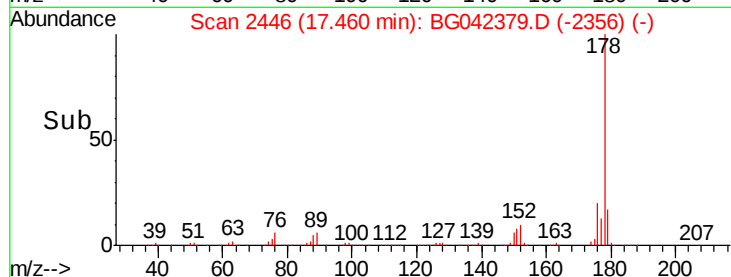
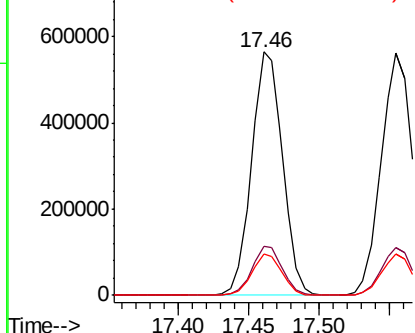
#71
 Phenanthrene
 Concen: 41.092 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 869621
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 16.9 13.7 20.5

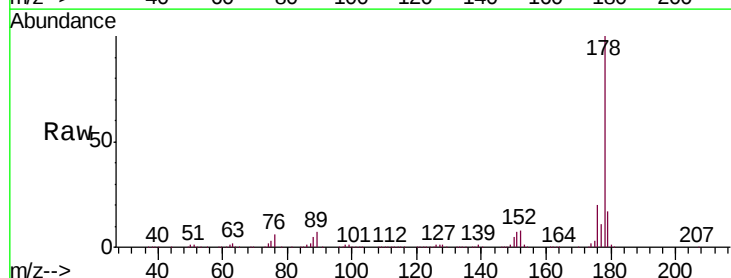


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

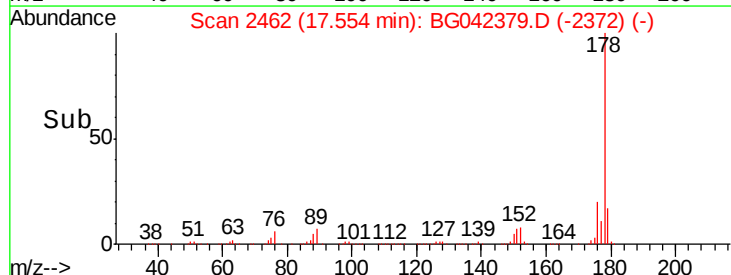
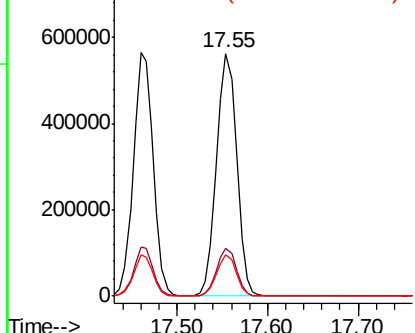


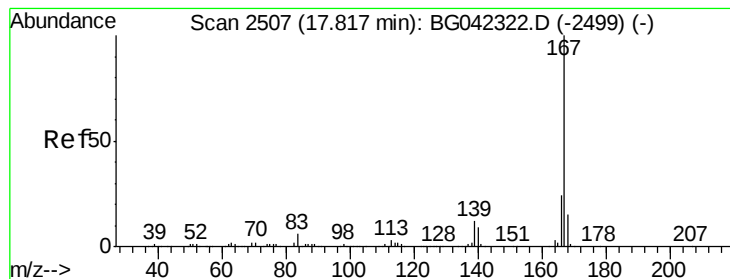
#72
 Anthracene
 Concen: 41.157 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion:178 Resp: 868673
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 17.0 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.547 ng

RT: 17.82 min Scan# 2508

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

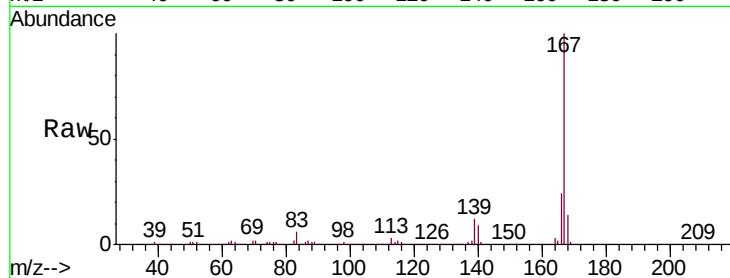
Tot Ion:167 Resp: 741469

Ion Ratio Lower Upper

167 100

166 24.2 19.0 28.6

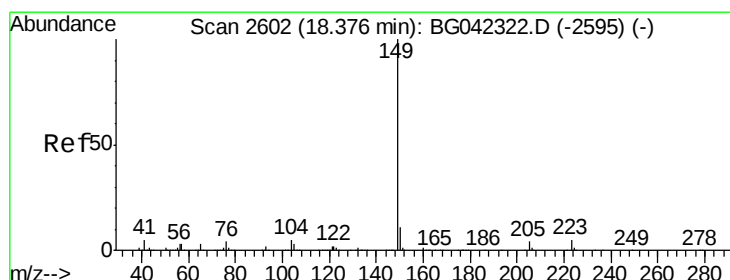
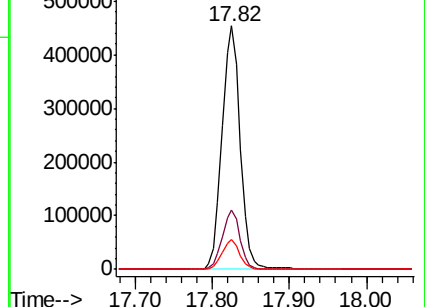
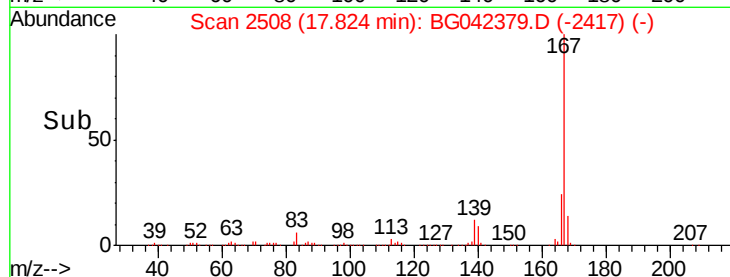
139 12.3 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.373 ng

RT: 18.38 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

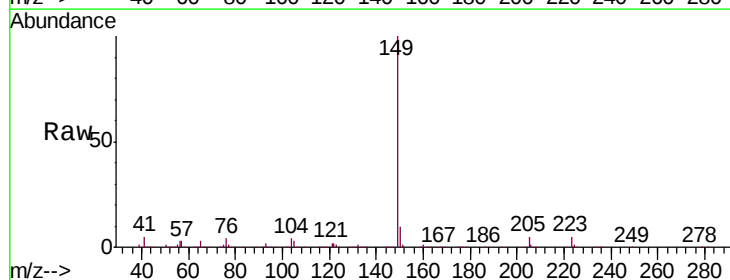
Tgt Ion:149 Resp: 861106

Ion Ratio Lower Upper

149 100

150 10.3 8.4 12.6

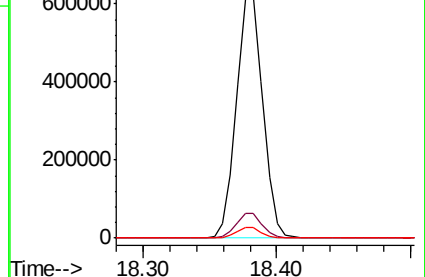
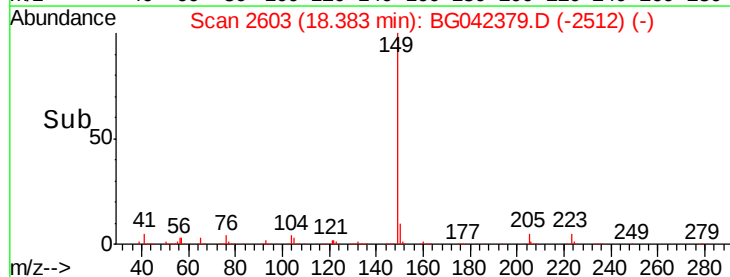
104 4.3 3.7 5.5

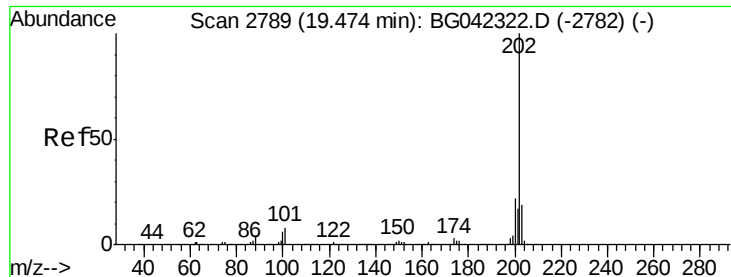


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.610 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

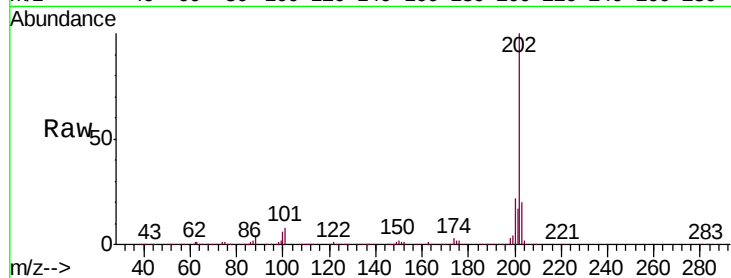
Tot Ion:202 Resp: 959797

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.0

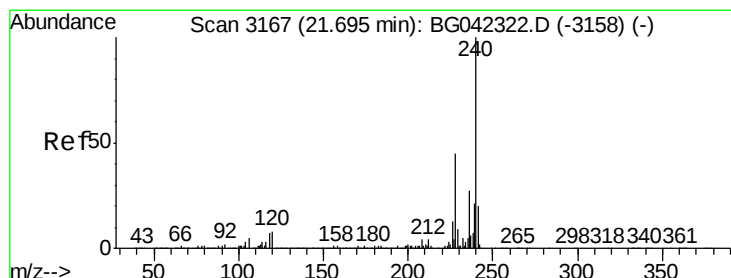
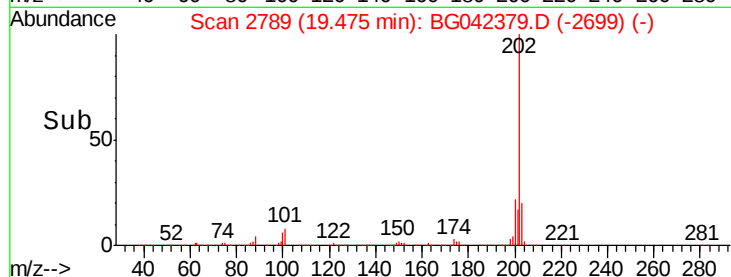
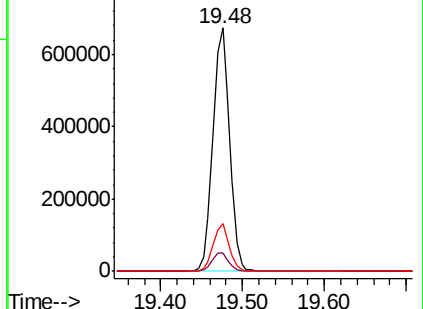
203 19.8 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

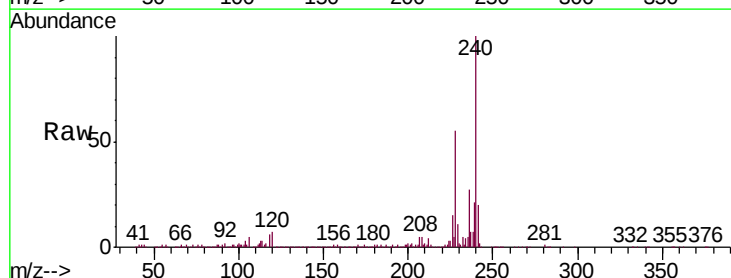
Tgt Ion:240 Resp: 319261

Ion Ratio Lower Upper

240 100

120 6.6 6.0 9.0

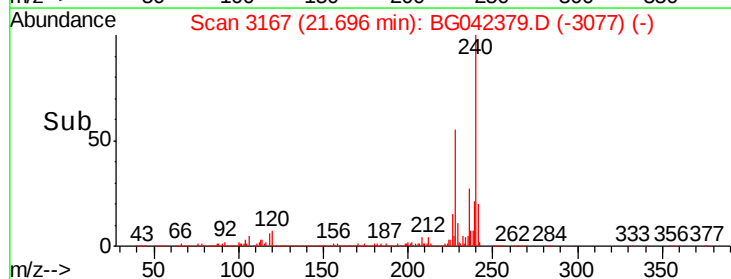
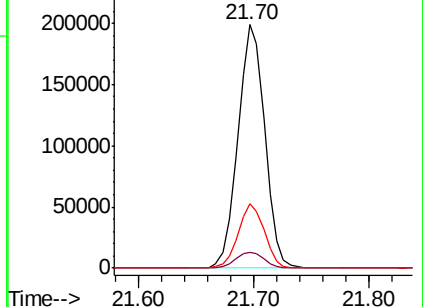
236 26.7 21.6 32.4

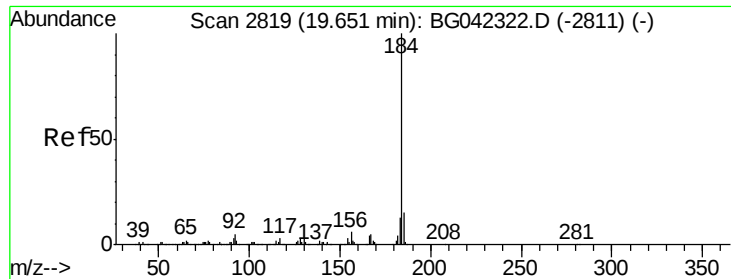


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.158 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

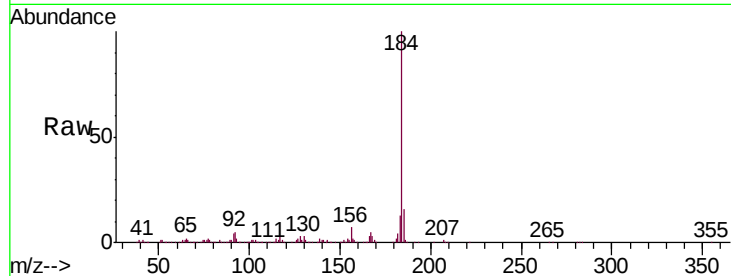
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 314536

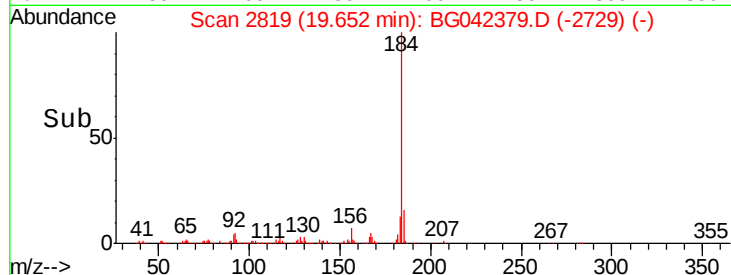
Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.8	17.6
183	13.2	10.6	15.8



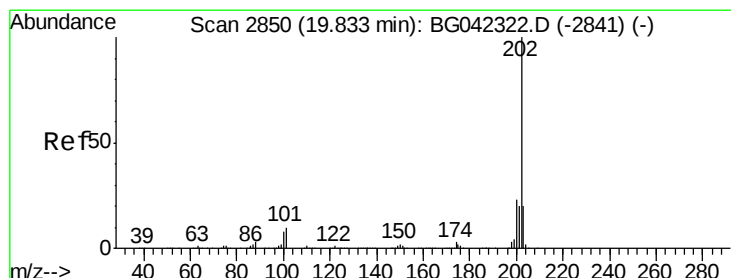
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 48.027 ng

RT: 19.83 min Scan# 2850

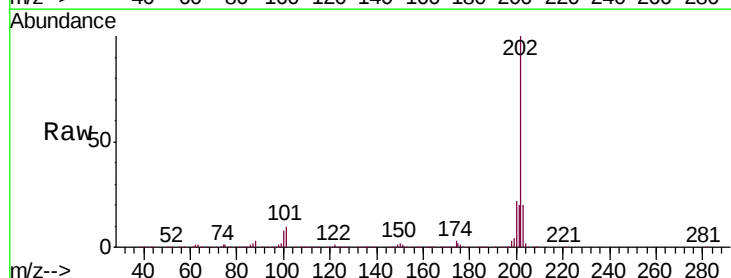
Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Tgt Ion:202 Resp: 943481

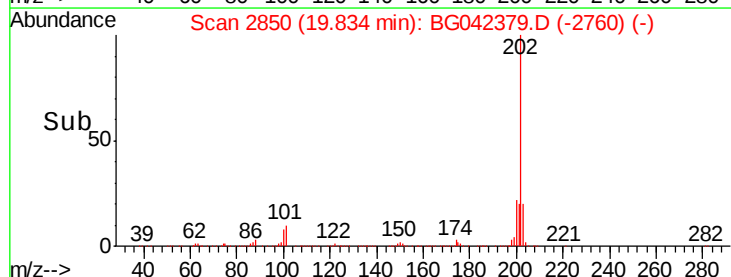
Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.1	27.1
203	19.5	15.8	23.8



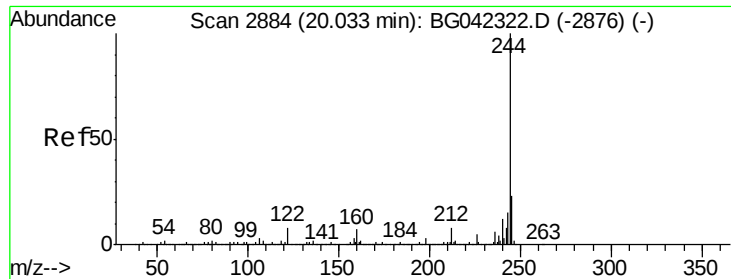
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 91.325 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

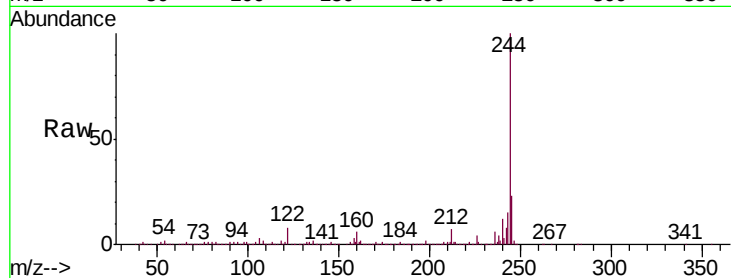
Tot Ion:244 Resp: 1331170

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

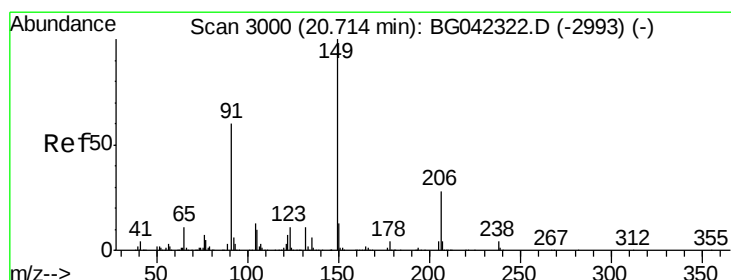
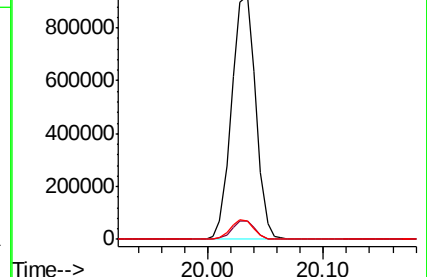
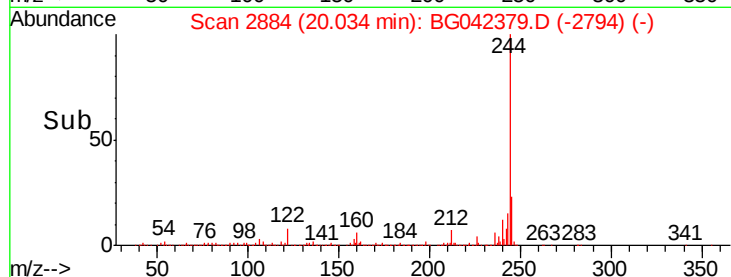
122 7.7 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.848 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

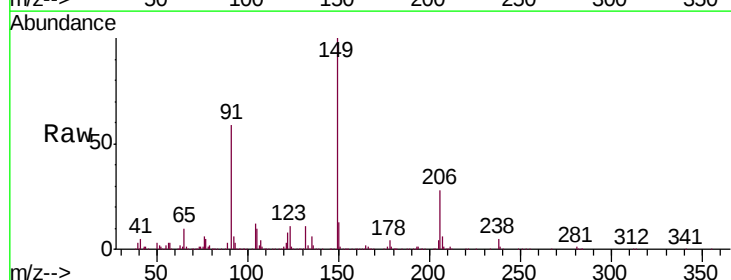
Tgt Ion:149 Resp: 310246

Ion Ratio Lower Upper

149 100

91 59.4 47.8 71.6

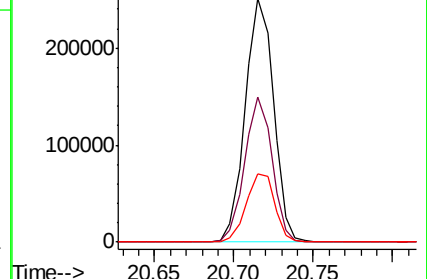
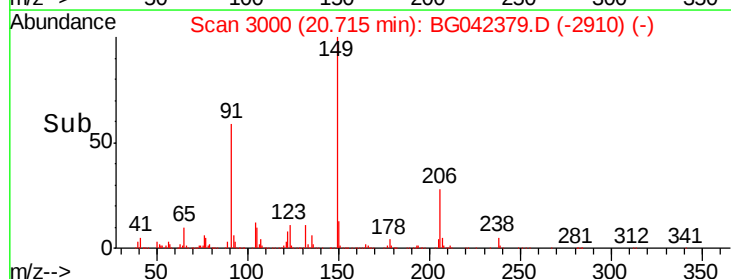
206 28.0 22.6 33.8

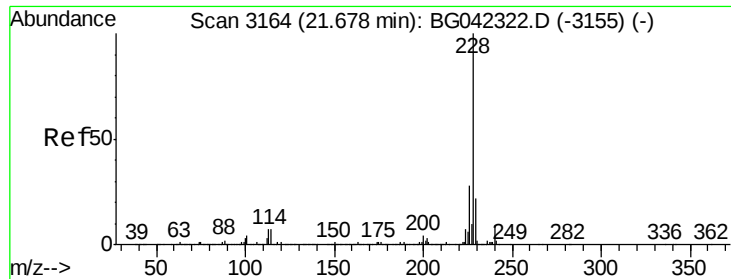


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

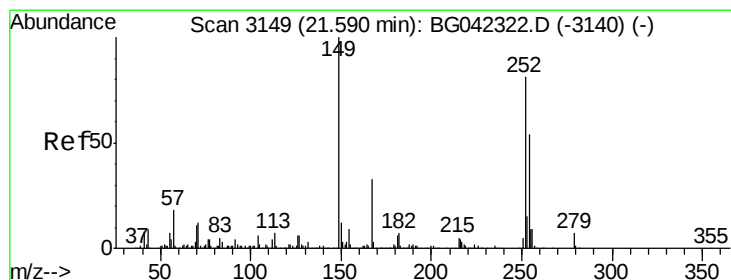
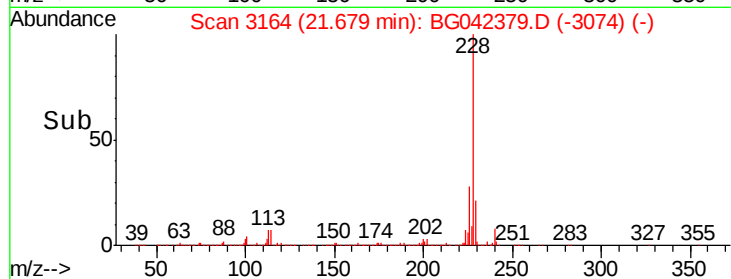
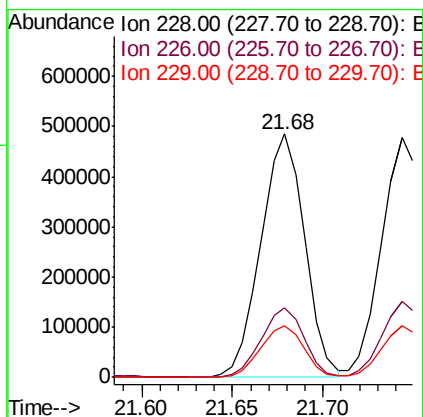
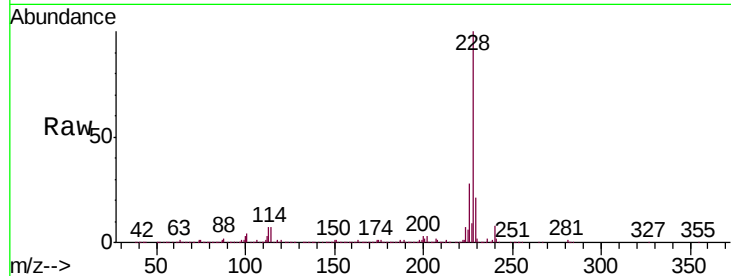




#81
Benzo(a)anthracene
Concen: 41.634 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

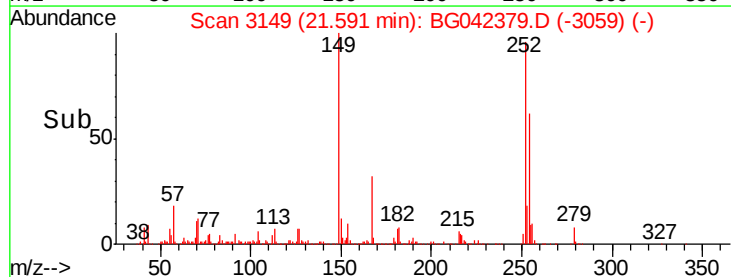
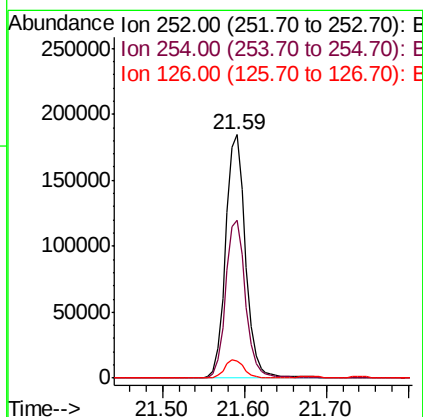
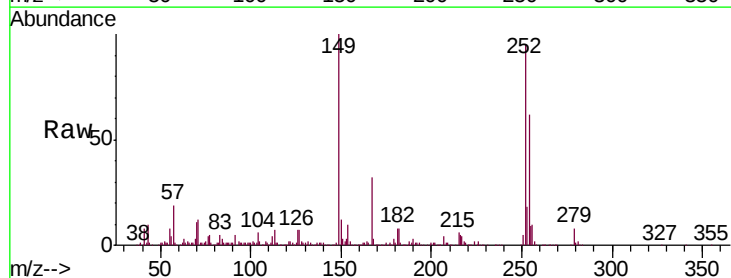
Instrument :
BNA_G
ClientSampleId :

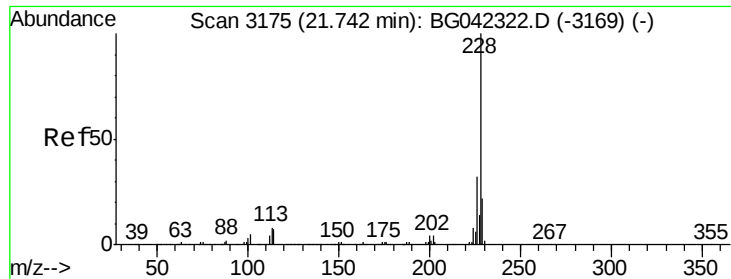
Tot Ion:228 Resp: 816284
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 21.5 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 40.046 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:252 Resp: 312506
Ion Ratio Lower Upper
252 100
254 64.8 53.0 79.6
126 7.2 6.2 9.2

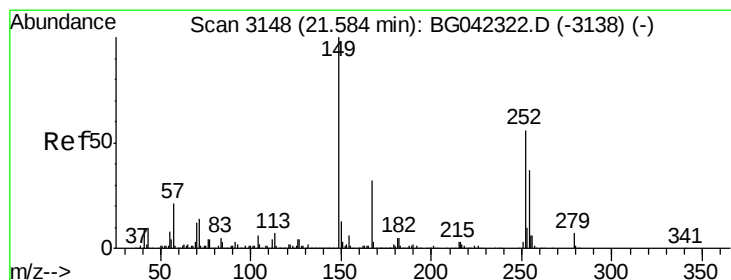
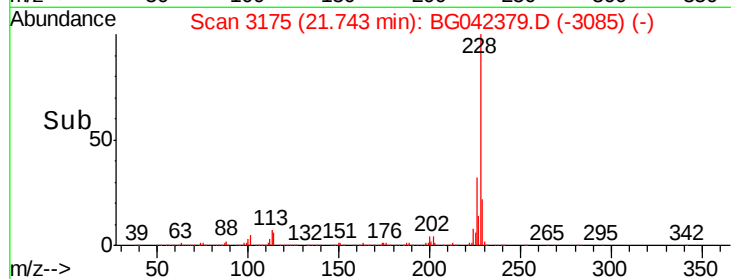
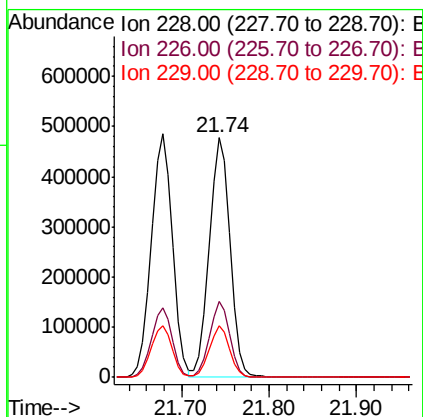
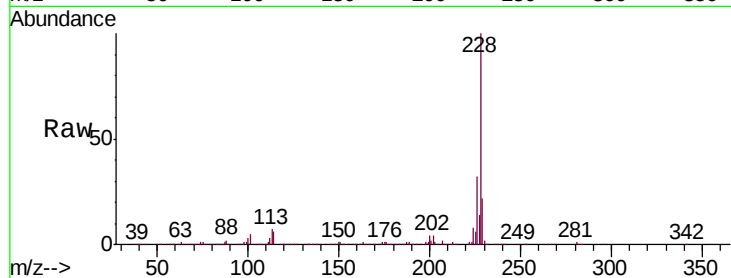




#83
 Chrysene
 Concen: 42.249 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

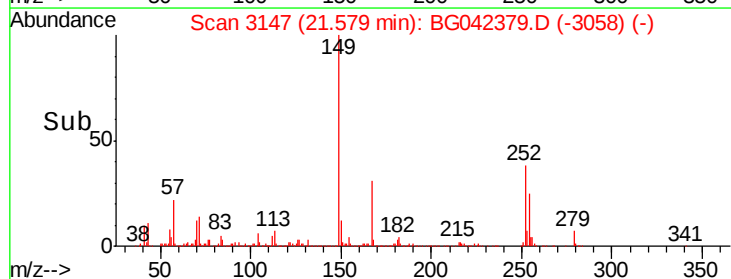
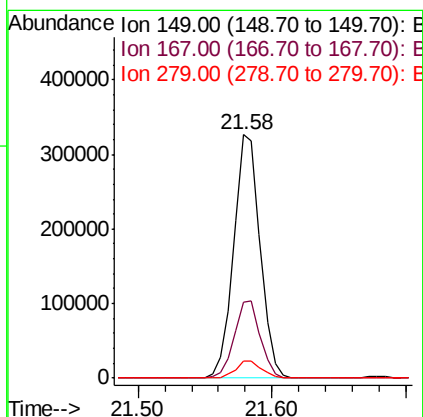
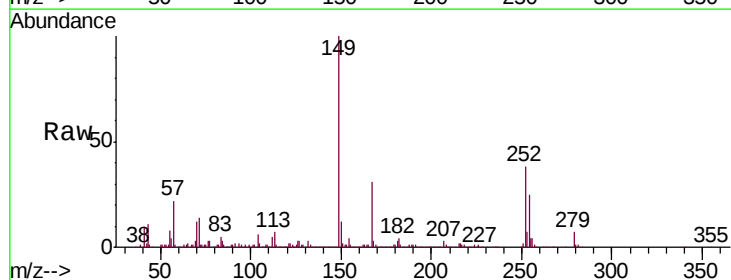
Instrument :
 BNA_G
 ClientSampleId :

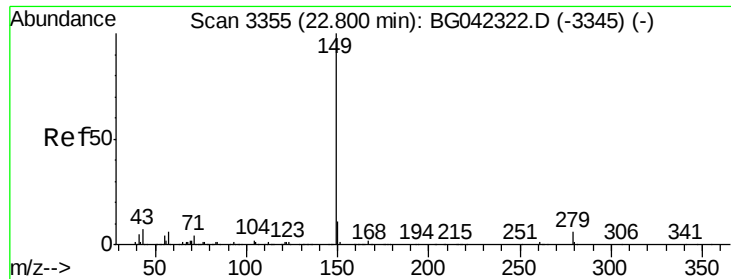
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.6	17.8	26.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.247 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042379.D
 Acq: 21 Aug 2019 12:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	25.4	38.0
279	6.8	5.8	8.6





#85

Di-n-octyl phthalate

Concen: 42.616 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

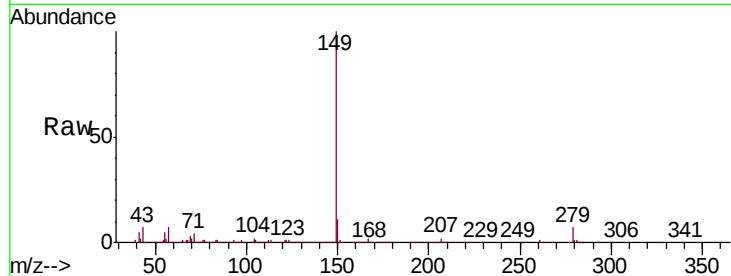
Tot Ion:149 Resp: 789117

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

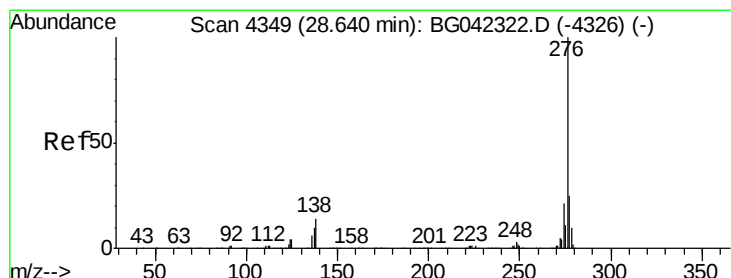
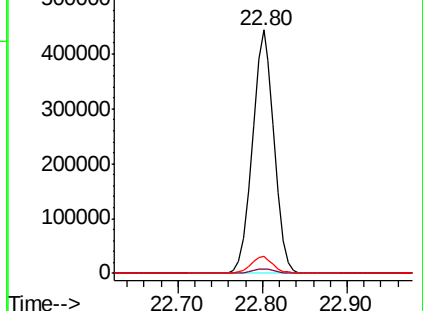
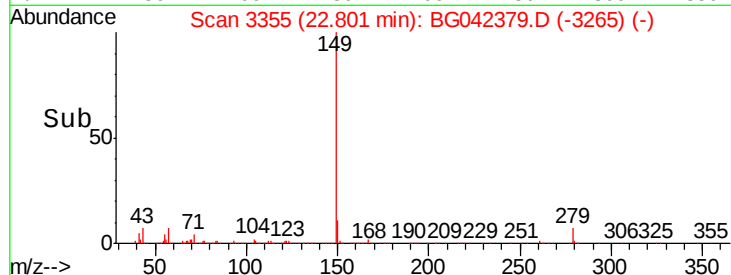
43 6.8 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.383 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.02 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

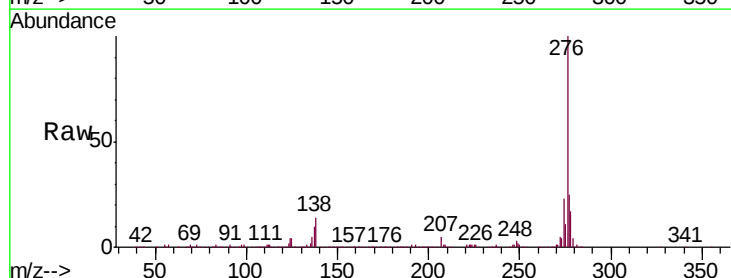
Tgt Ion:276 Resp: 1061363

Ion Ratio Lower Upper

276 100

138 17.1 14.5 21.7

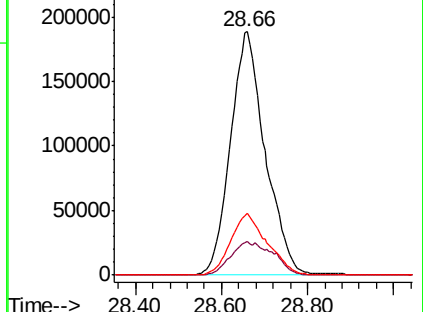
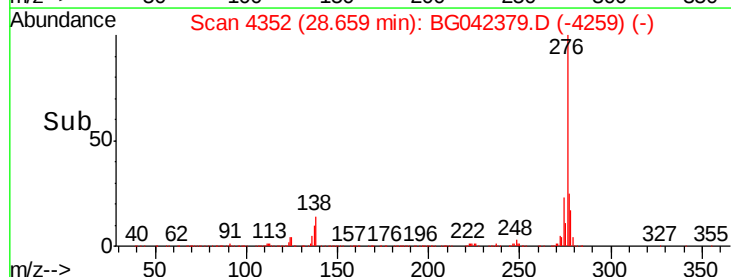
277 26.6 21.0 31.4

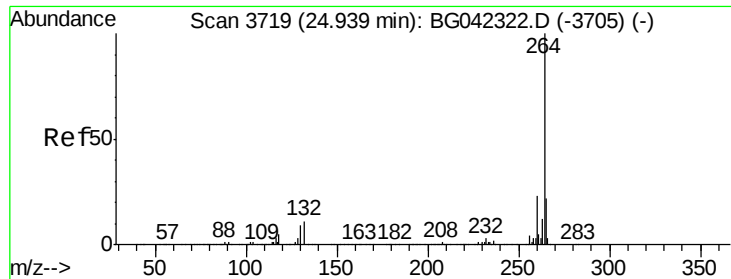


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

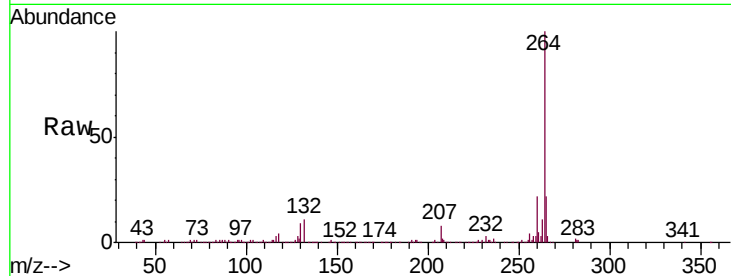
Tot Ion:264 Resp: 396449

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

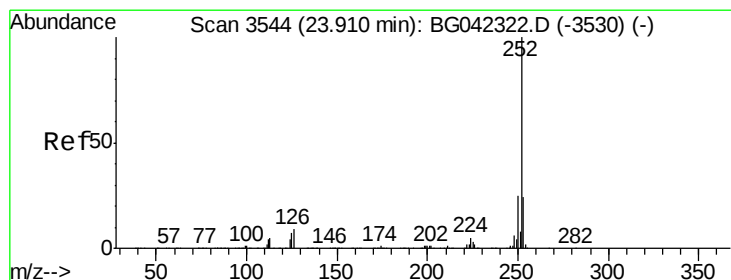
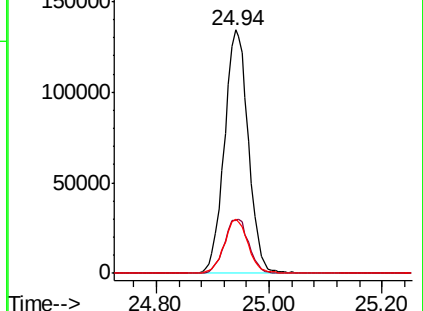
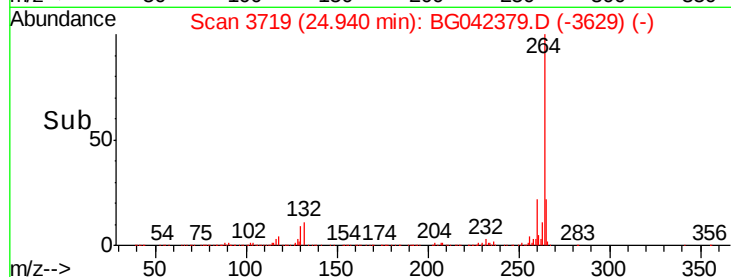
265 22.4 17.4 26.0



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: 41.741 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

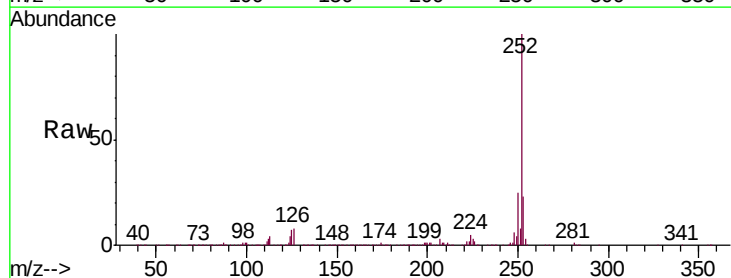
Tgt Ion:252 Resp: 909571

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

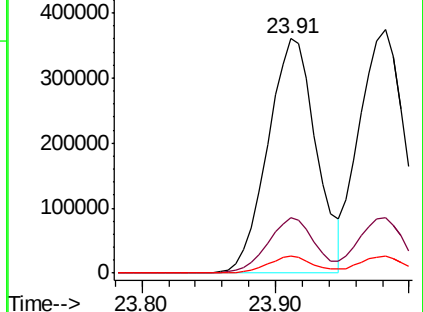
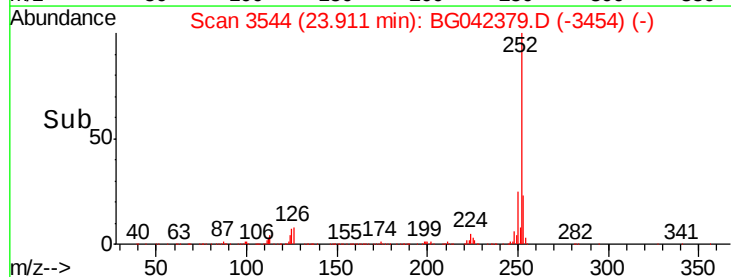
125 7.0 5.8 8.6

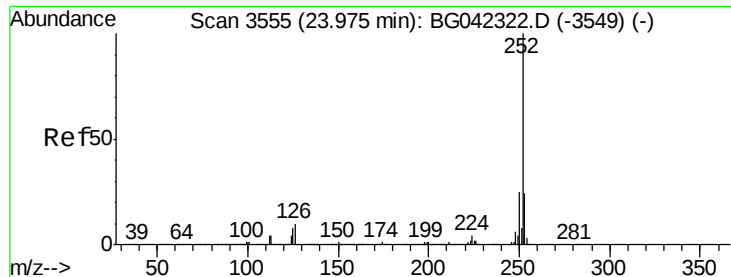


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

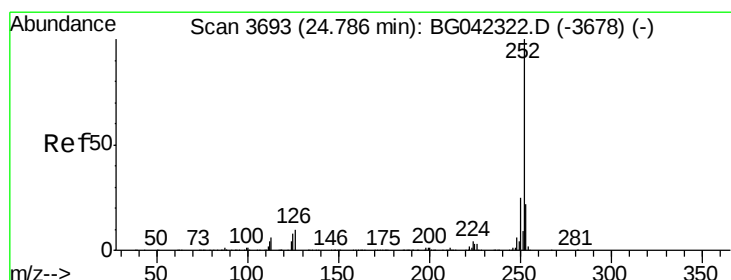
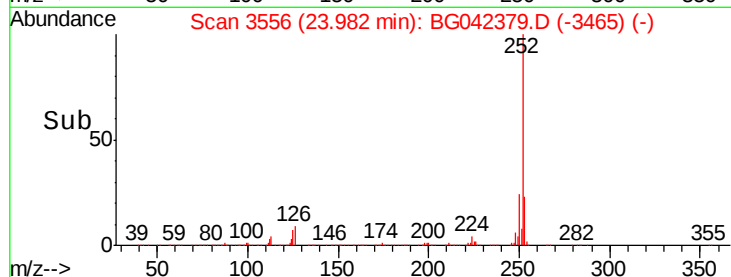
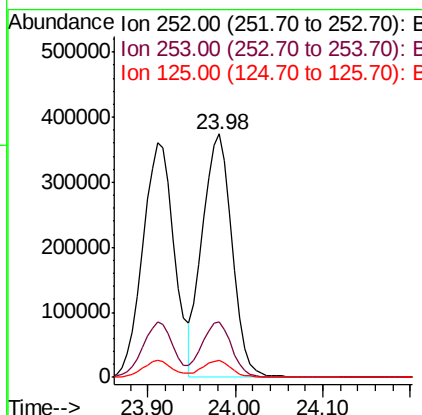
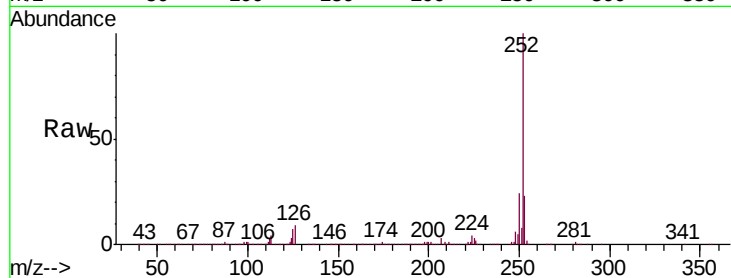




#89
Benzo(k)fluoranthene
Concen: 41.439 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

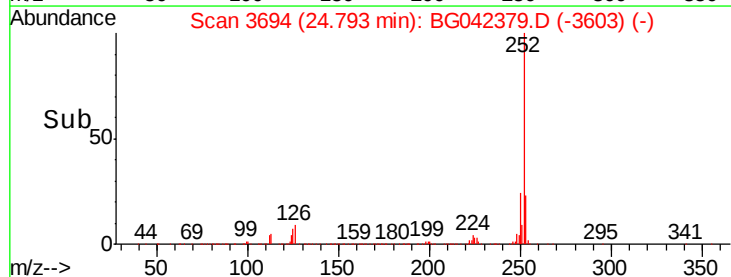
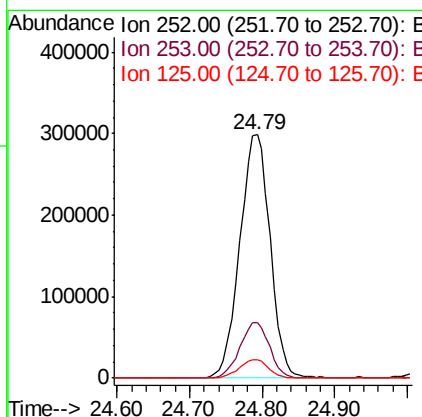
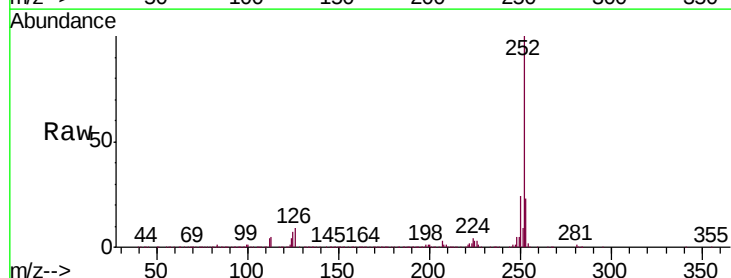
Instrument :
BNA_G
ClientSampled :

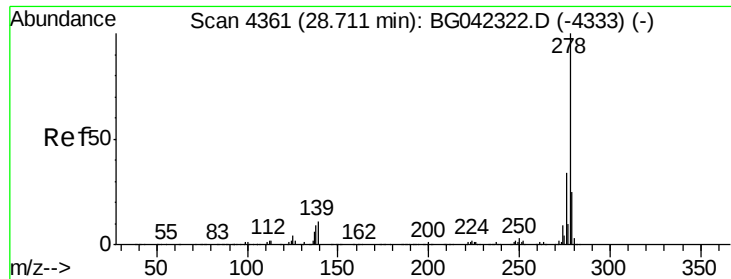
Tot Ion:252 Resp: 882684
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.4
125 6.9 6.0 9.0



#90
Benzo(a)pyrene
Concen: 41.430 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042379.D
Acq: 21 Aug 2019 12:15

Tgt Ion:252 Resp: 865070
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 7.5 6.7 10.1





#91

Dibenzo(a,h)anthracene

Concen: 41.356 ng

RT: 28.72 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

Instrument :

BNA_G

ClientSampleId :

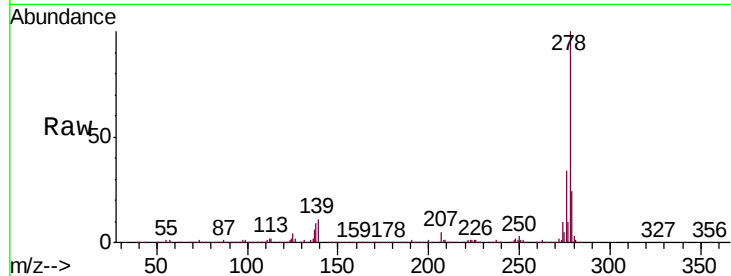
Tot Ion:278 Resp: 861469

Ion Ratio Lower Upper

278 100

139 11.2 8.5 12.7

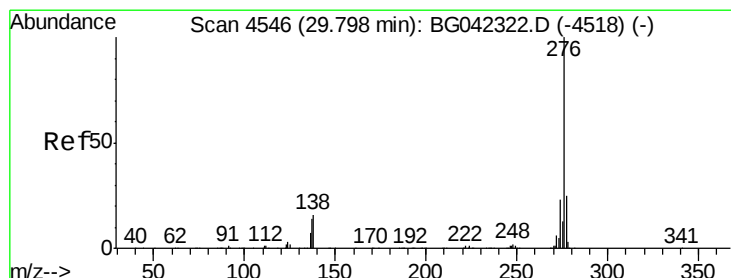
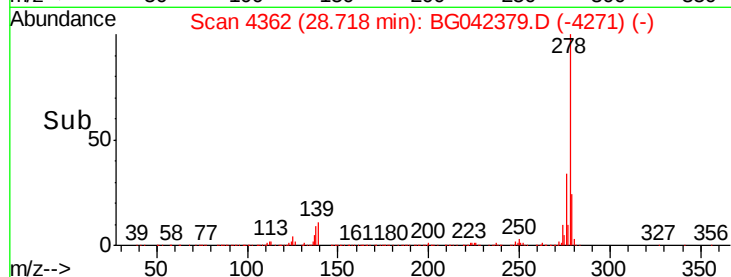
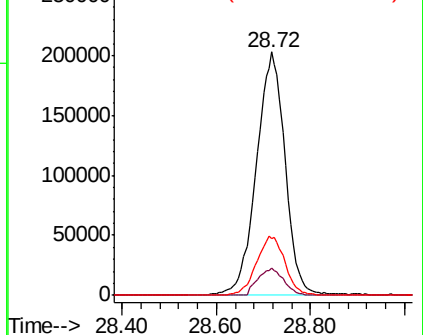
279 23.6 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.683 ng

RT: 29.81 min Scan# 4548

Delta R.T. 0.01 min

Lab File: BG042379.D

Acq: 21 Aug 2019 12:15

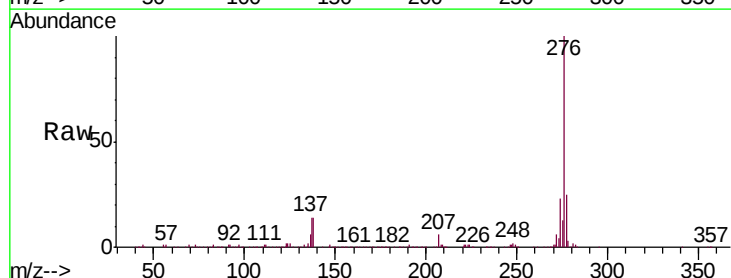
Tgt Ion:276 Resp: 844495

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 14.1 12.8 19.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

