

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042415.D
 Acq On : 23 Aug 2019 00:07
 Operator : HP/JU
 Sample : K4452-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 02:38:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	77381	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	309964	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	219273	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	480582	20.00	ng	0.00
76) Chrysene-d12	21.70	240	474186	20.00	ng	0.00
87) Perylene-d12	24.93	264	550803	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	606016	158.61	ng	0.00
7) Phenol-d6	7.17	99	711849	137.93	ng	0.00
23) Nitrobenzene-d5	9.17	82	393534	87.74	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	345829	110.96	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1054639	81.35	ng	0.00
79) Terphenyl-d14	20.03	244	1628553	74.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	59921	37.581	ng	95
3) Pyridine	3.82	79	163258	39.930	ng	93
4) n-Nitrosodimethylamine	3.73	42	60649	41.532	ng	86
6) Aniline	7.32	93	194431	28.246	ng	99
8) 2-Chlorophenol	7.57	128	197373	42.625	ng	99
9) Benzaldehyde	7.13	77	67626	26.173	ng	95
10) Phenol	7.19	94	232675	44.341	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	173643	42.135	ng	97
12) 1,3-Dichlorobenzene	7.89	146	207097	35.158	ng	97
13) 1,4-Dichlorobenzene	8.04	146	213305	35.749	ng	98
14) 1,2-Dichlorobenzene	8.36	146	209045	36.585	ng	99
15) Benzyl Alcohol	8.24	79	144159	38.825	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	214814	38.458	ng	98
17) 2-Methylphenol	8.45	107	164139	42.468	ng	92
18) Hexachloroethane	9.09	117	71765	35.133	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	125648	37.579	ng	99
20) 3+4-Methylphenols	8.78	107	218500	40.855	ng	95
22) Acetophenone	8.83	105	259587	39.156	ng	# 99
24) Nitrobenzene	9.21	77	181055	39.861	ng	97
25) Isophorone	9.74	82	342628	38.705	ng	98
26) 2-Nitrophenol	9.93	139	117542	41.295	ng	95
27) 2,4-Dimethylphenol	9.99	122	182017	46.422	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	227026	40.690	ng	97
29) 2,4-Dichlorophenol	10.48	162	213432	41.605	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	230663	36.632	ng	97
31) Naphthalene	10.87	128	564936	39.257	ng	99
32) Benzoic acid	10.13	122	78886	31.173	ng	98
33) 4-Chloroaniline	10.98	127	135135	20.342	ng	98
34) Hexachlorobutadiene	11.17	225	141886	33.528	ng	100
35) Caprolactam	11.75	113	66155	38.647	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	196447	40.339	ng	98
37) 2-Methylnaphthalene	12.49	142	437267	37.842	ng	97
38) 1-Methylnaphthalene	12.71	142	423916	38.622	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	260315	36.968	ng	98

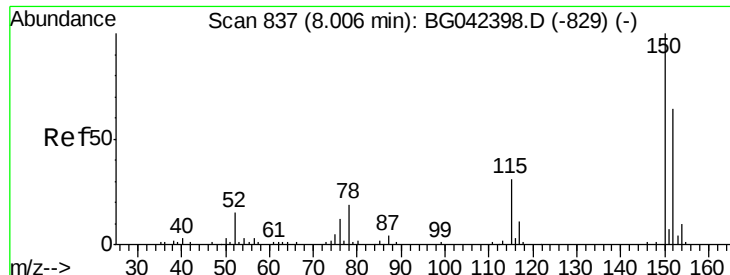
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042415.D
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 Operator : HP/JU
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 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	231664	62.631	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	179904	37.797	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	193101	39.150	ng	97
46) 1,1'-Biphenyl	13.49	154	568506	40.109	ng	98
47) 2-Chloronaphthalene	13.53	162	470632	38.508	ng	98
48) 2-Nitroaniline	13.74	65	116647	39.579	ng	99
49) Acenaphthylene	14.39	152	733261	39.879	ng	98
50) Dimethylphthalate	14.12	163	792502	50.091	ng	100
51) 2,6-Dinitrotoluene	14.23	165	140458	38.301	ng	97
52) Acenaphthene	14.73	154	440084	39.416	ng	99
53) 3-Nitroaniline	14.56	138	106760	29.109	ng	95
54) 2,4-Dinitrophenol	14.77	184	69586	32.207	ng	98
55) Dibenzofuran	15.06	168	735615	39.803	ng	99
56) 4-Nitrophenol	14.89	139	236199	90.632	ng	97
57) 2,4-Dinitrotoluene	15.03	165	204833	39.005	ng	96
58) Fluorene	15.71	166	601554	39.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	186172	38.168	ng	# 90
60) Diethylphthalate	15.48	149	624237	40.361	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	343955	37.768	ng	100
62) 4-Nitroaniline	15.73	138	153256	39.043	ng	93
63) Azobenzene	16.00	77	435807	41.122	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	67987	22.564	ng	97
66) n-Nitrosodiphenylamine	15.92	169	550068	41.620	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	236758	38.839	ng	97
68) Hexachlorobenzene	16.72	284	235538	35.544	ng	95
69) Atrazine	16.87	200	202610	43.351	ng	98
70) Pentachlorophenol	17.07	266	229730	66.722	ng	98
71) Phenanthrene	17.46	178	952251	39.891	ng	99
72) Anthracene	17.55	178	990551	41.566	ng	98
73) Carbazole	17.82	167	893177	42.054	ng	99
74) Di-n-butylphthalate	18.38	149	1028913	40.982	ng	99
75) Fluoranthene	19.47	202	1205356	41.374	ng	99
77) Benzidine	19.64	184	475152	34.950	ng	99
78) Pyrene	19.83	202	1234184	42.453	ng	98
80) Butylbenzylphthalate	20.71	149	512858	44.851	ng	97
81) Benzo(a)anthracene	21.67	228	1160521	40.232	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	303937	26.199	ng	# 98
83) Chrysene	21.74	228	1120671	40.284	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	699629	44.067	ng	99
85) Di-n-octyl phthalate	22.79	149	1093718	40.054	ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1544239	40.847	ng	# 92
88) Benzo(b)fluoranthene	23.90	252	1393745	46.027	ng	# 98
89) Benzo(k)fluoranthene	23.98	252	1255992	43.151	ng	97
90) Benzo(a)pyrene	24.79	252	1250286	43.512	ng	# 99
91) Dibenzo(a,h)anthracene	28.70	278	1264130	43.450	ng	96
92) Benzo(g,h,i)perylene	29.80	276	1207458	41.496	ng	# 97

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

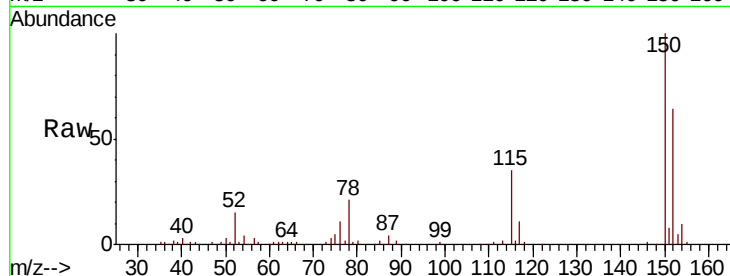


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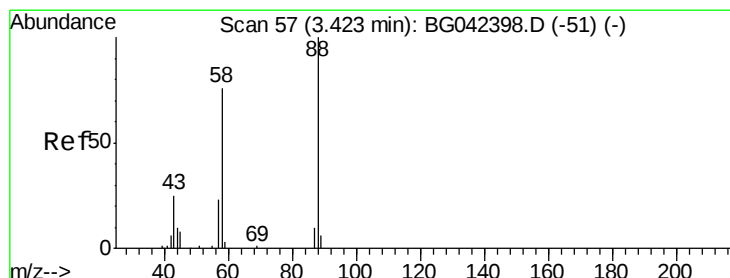
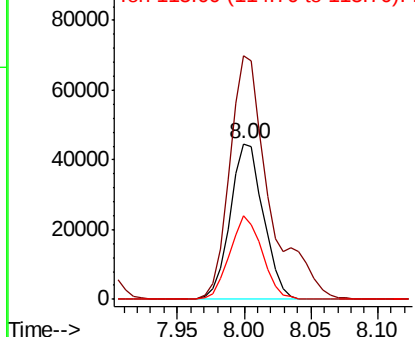
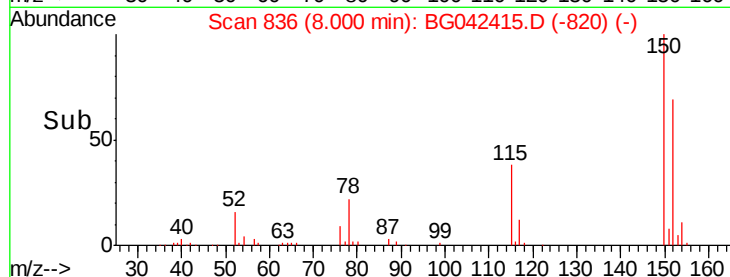
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 77381
Ion Ratio Lower Upper
152 100
150 156.6 125.4 188.0
115 54.1 38.5 57.7



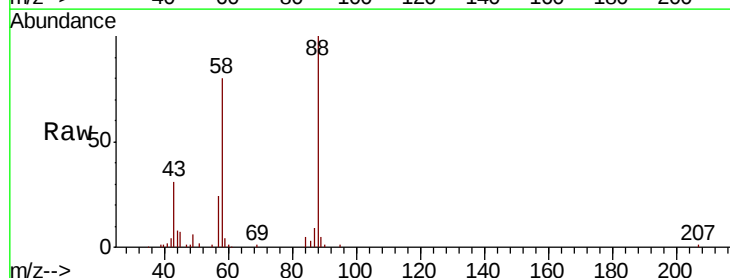
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



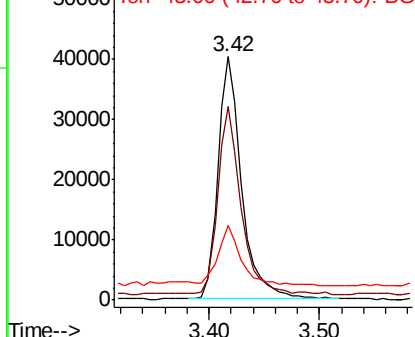
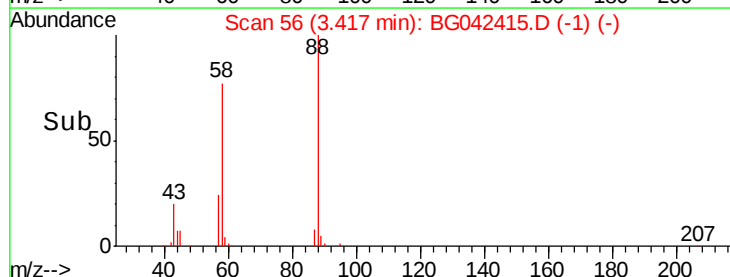
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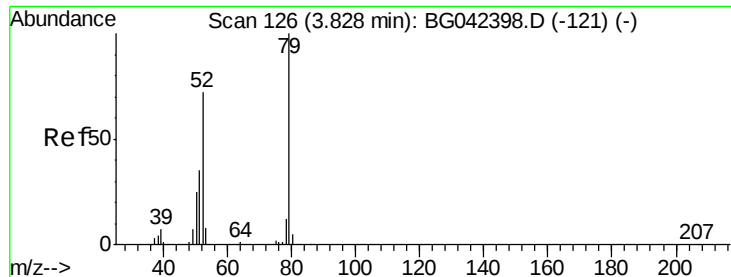
1,4-Dioxane
Concen: 37.581 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion: 88 Resp: 59921
Ion Ratio Lower Upper
88 100
58 77.4 58.3 87.5
43 23.2 20.2 30.2



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: 39.930 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

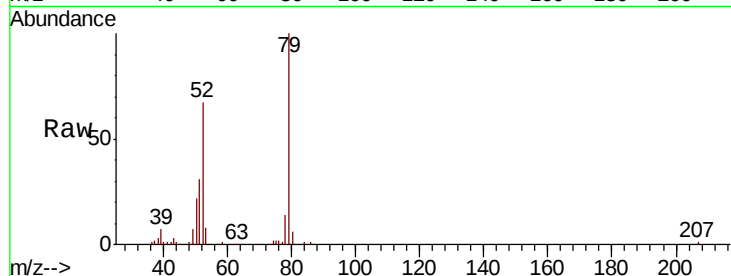
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 163258

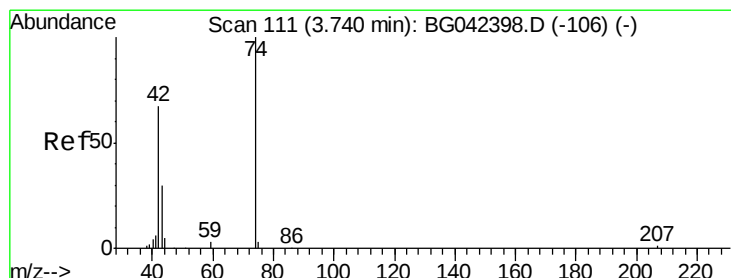
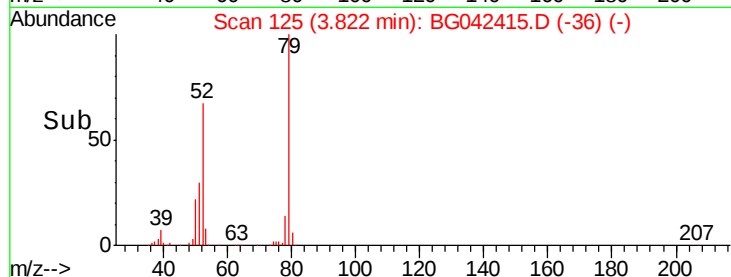
Ion	Ratio	Lower	Upper
79	100		
52	67.0	57.7	86.5
51	30.8	28.8	43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.532 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

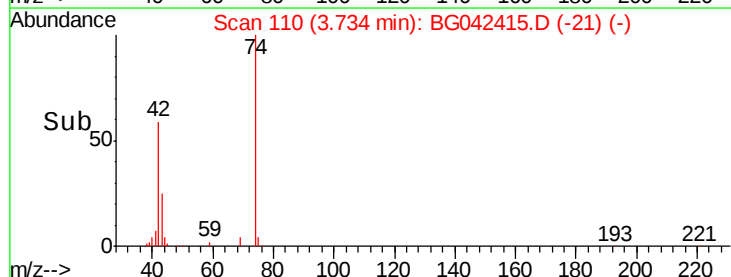
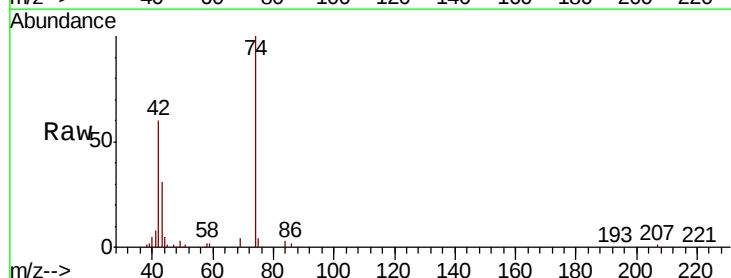
Tgt Ion: 42 Resp: 60649

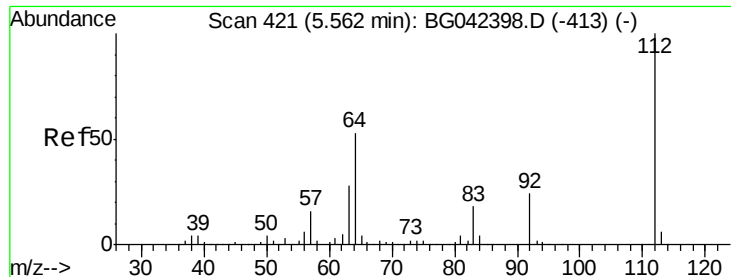
Ion	Ratio	Lower	Upper
42	100		
74	167.5	119.6	179.4
44	8.7	6.5	9.7

Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 158.612 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

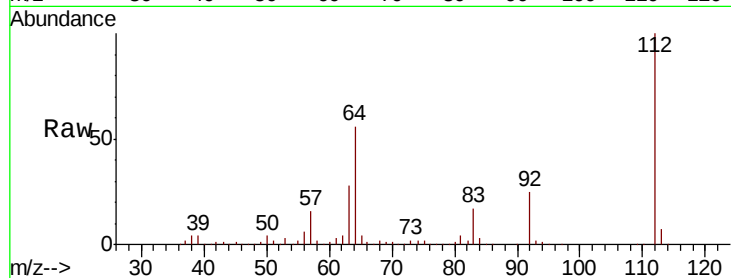
Tot Ion:112 Resp: 606016

Ion Ratio Lower Upper

112 100

64 56.4 42.8 64.2

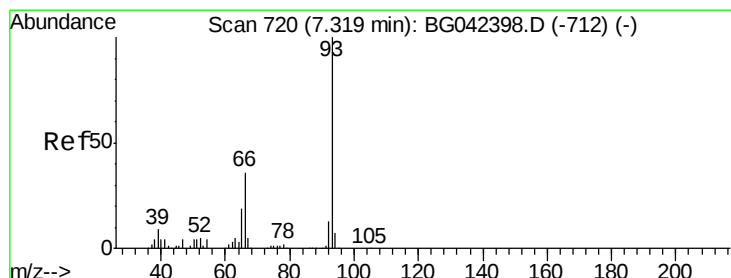
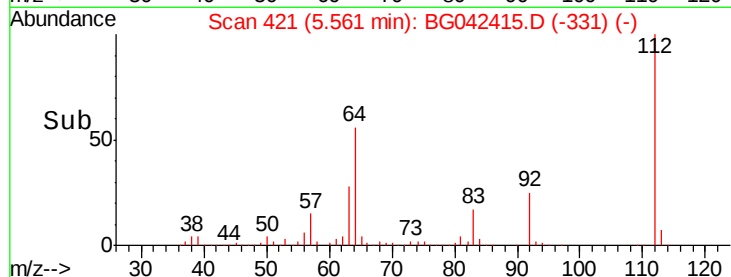
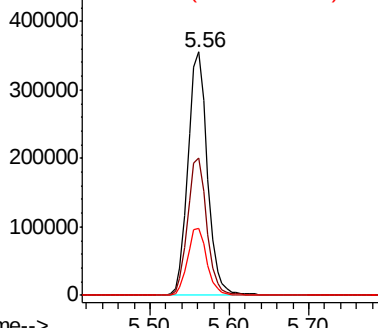
63 27.7 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.246 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

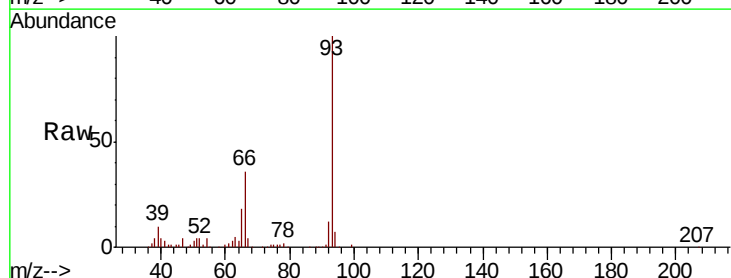
Tgt Ion: 93 Resp: 194431

Ion Ratio Lower Upper

93 100

66 36.4 29.0 43.6

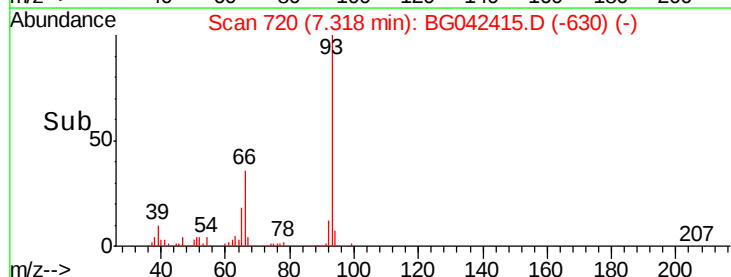
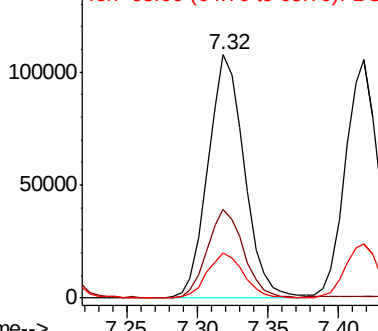
65 18.4 15.2 22.8

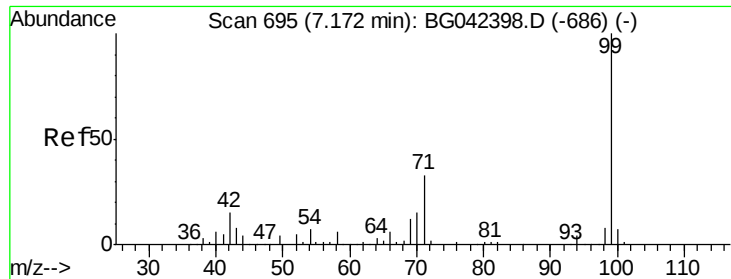


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.930 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampled :

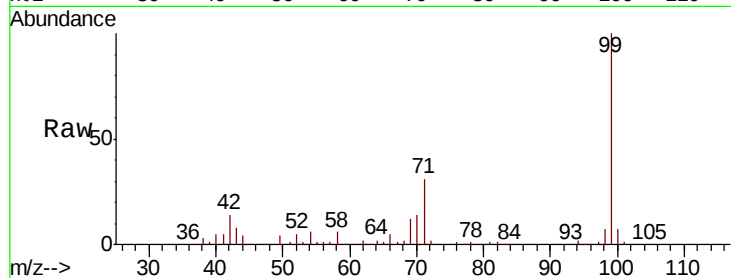
Tot Ion: 99 Resp: 711849

Ion Ratio Lower Upper

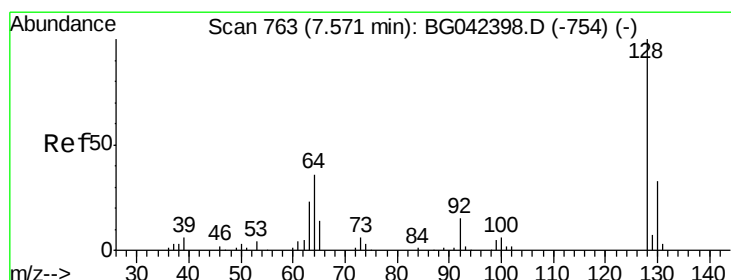
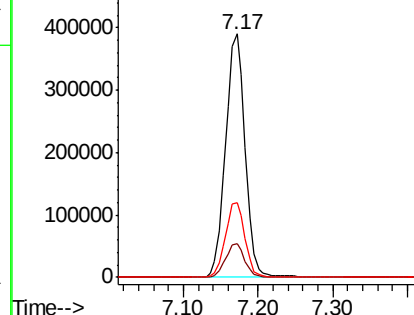
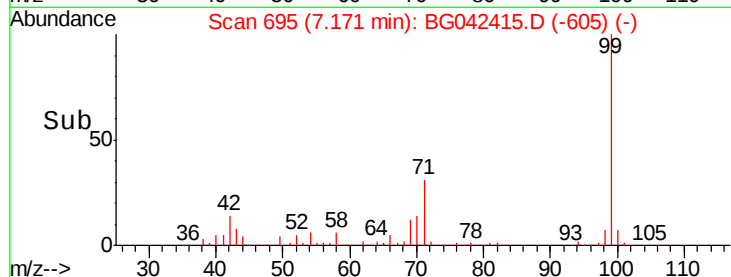
99 100

42 13.9 12.0 18.0

71 30.5 26.3 39.5



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



#8

2-Chlorophenol

Concen: 42.625 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

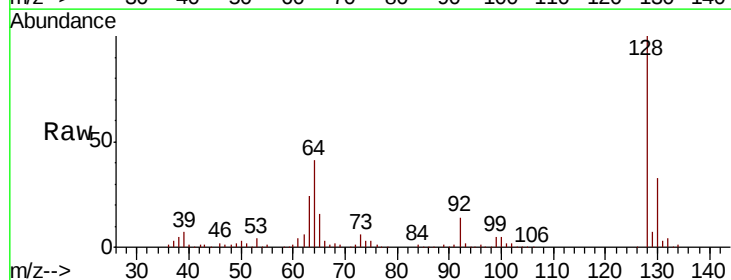
Tgt Ion: 128 Resp: 197373

Ion Ratio Lower Upper

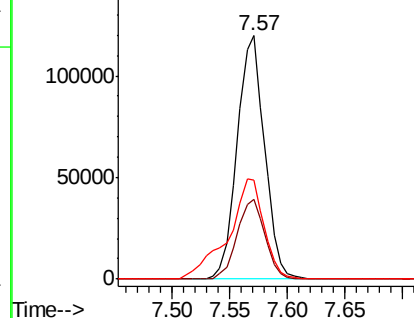
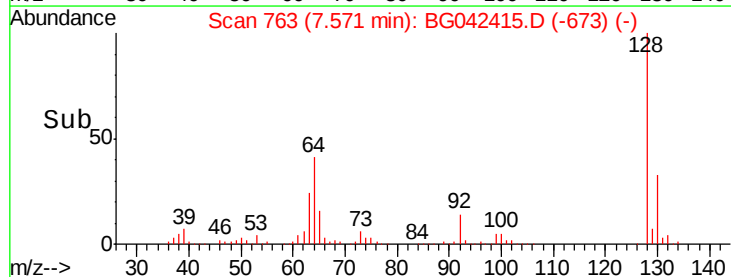
128 100

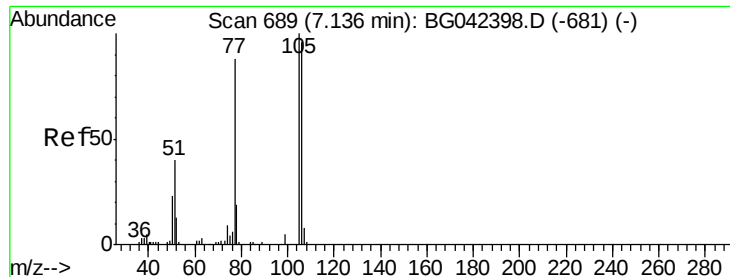
130 32.7 12.8 52.8

64 40.6 19.2 59.2



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





#9

Benzaldehyde

Concen: 26.173 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampled :

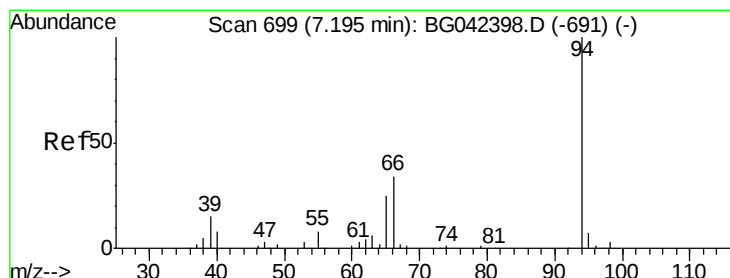
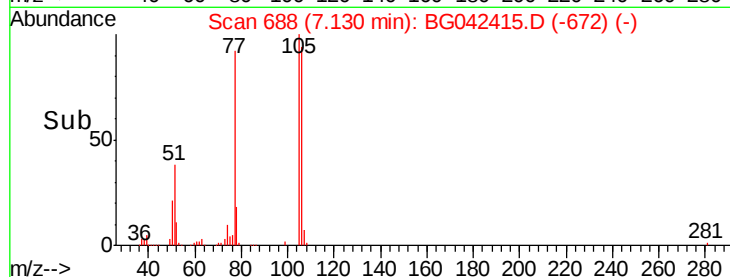
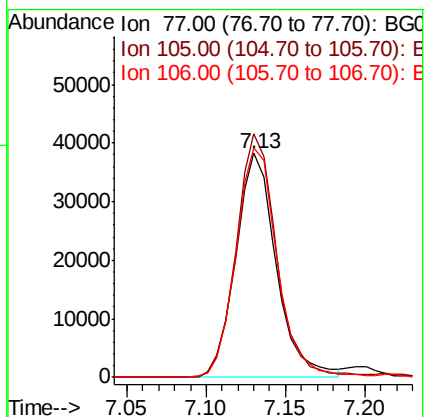
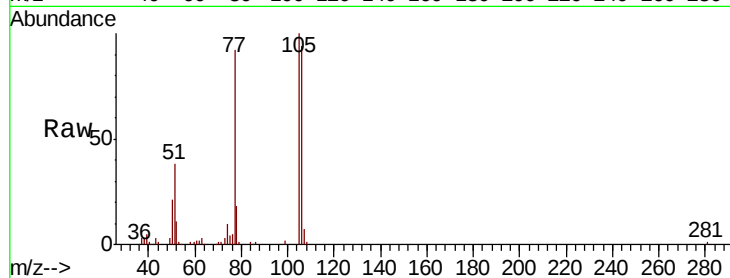
Tot Ion: 77 Resp: 67626

Ion Ratio Lower Upper

77 100

105 108.7 93.4 133.4

106 102.3 88.4 128.4



#10

Phenol

Concen: 44.341 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

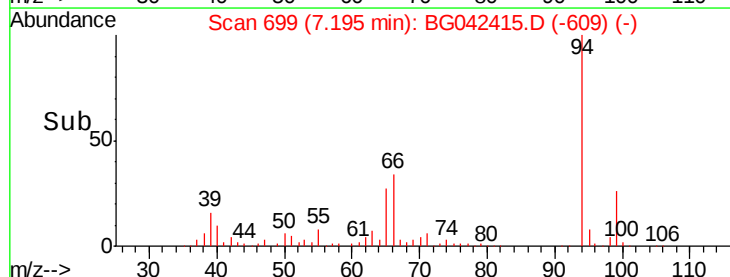
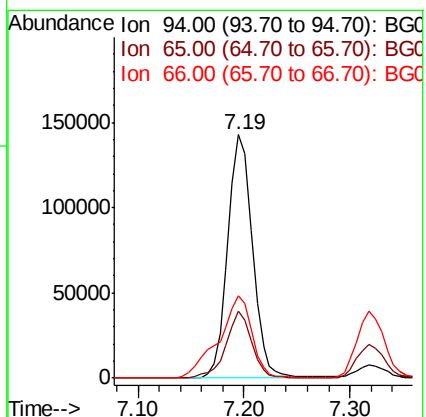
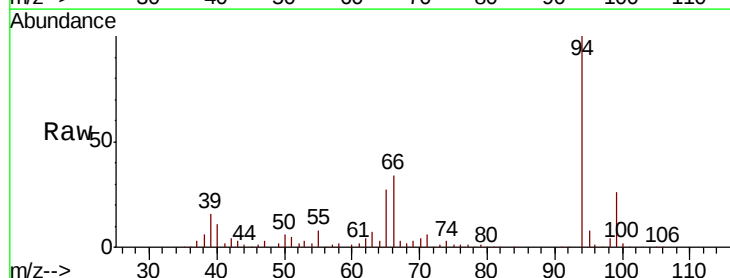
Tgt Ion: 94 Resp: 232675

Ion Ratio Lower Upper

94 100

65 27.4 5.6 45.6

66 33.6 16.0 56.0

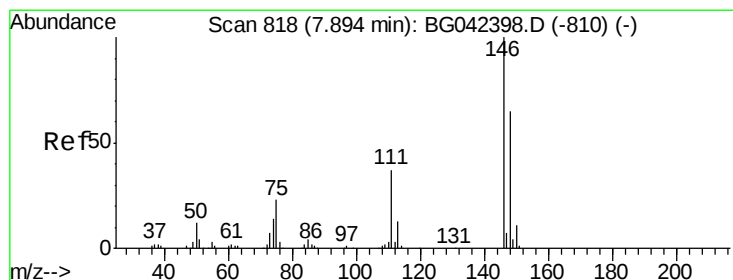
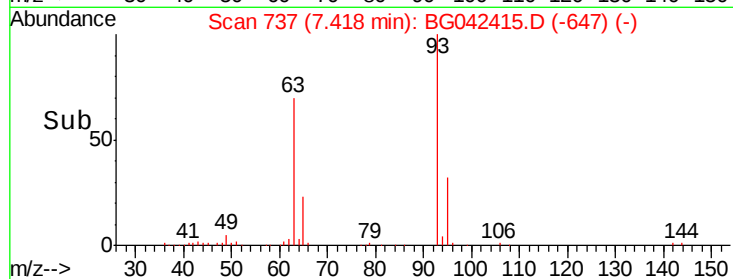
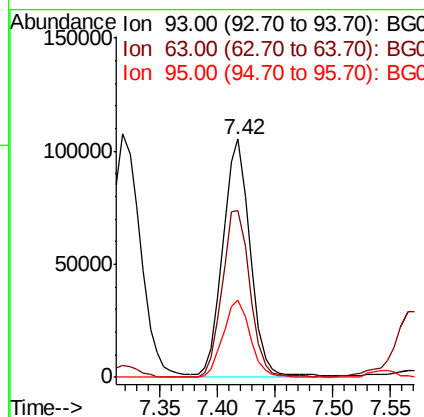
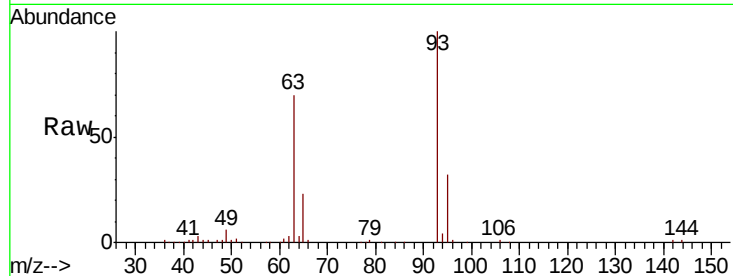




#11
 bis(2-Chloroethyl)ether
 Concen: 42.135 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

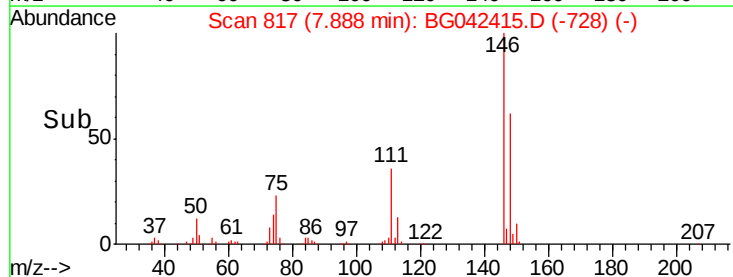
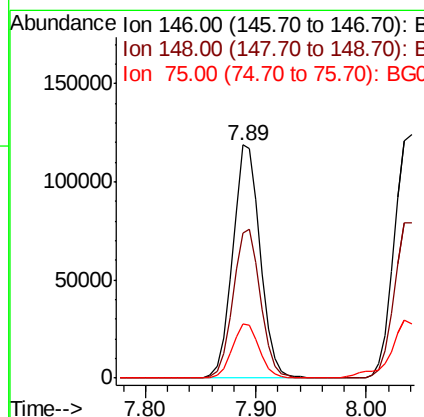
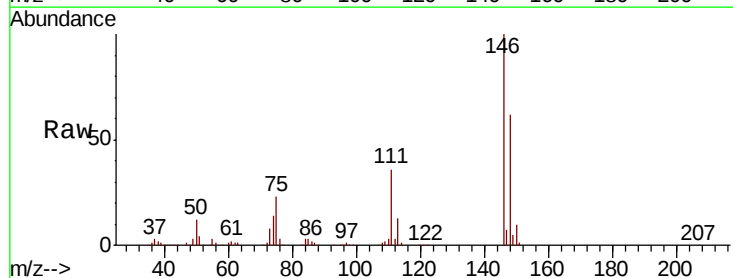
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	93	Resp	173643
Ion	Ratio	Lower	Upper
93	100		
63	70.0	53.8	93.8
95	32.5	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 35.158 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	146	Resp	207097
Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.2	78.2
75	23.4	18.0	27.0

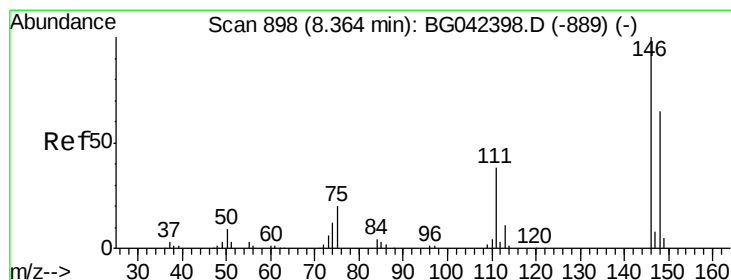
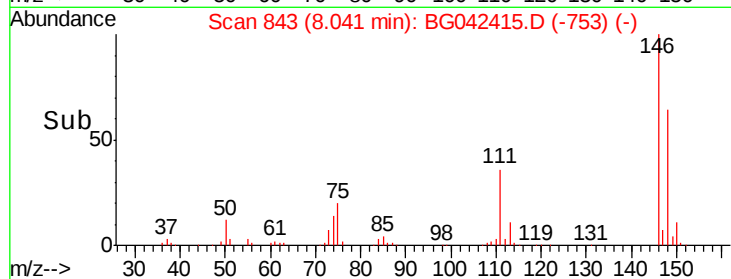
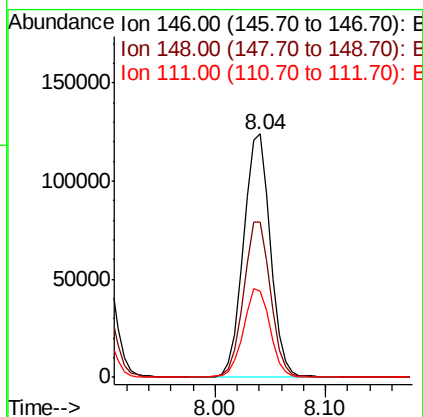
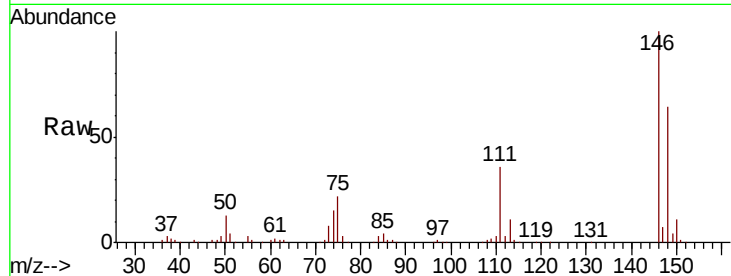




#13
 1,4-Dichlorobenzene
 Concen: 35.749 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

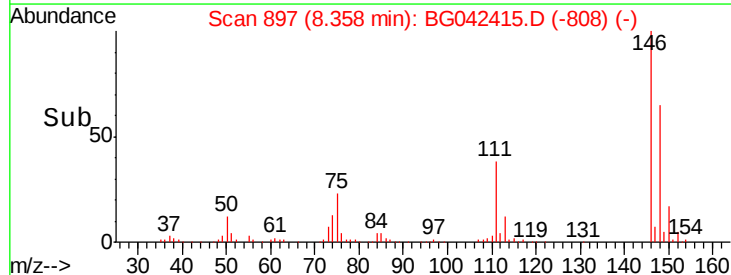
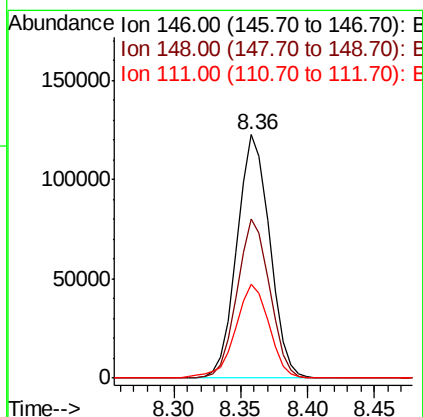
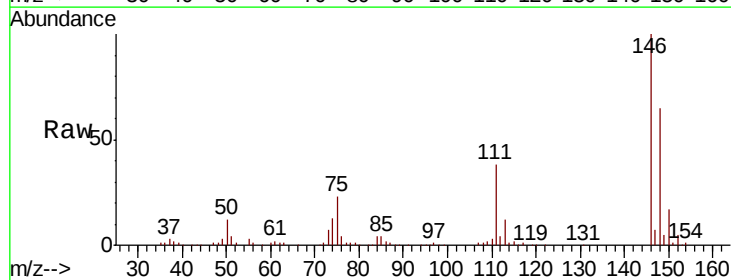
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.5	74.3
111	35.5	28.1	42.1



#14
 1,2-Dichlorobenzene
 Concen: 36.585 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
111	38.3	30.9	46.3





#15

Benzyl Alcohol

Concen: 38.825 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

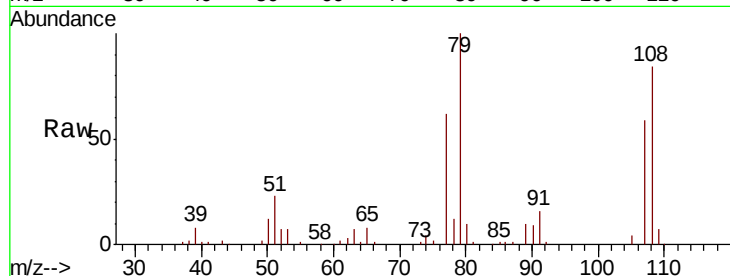
Tot Ion: 79 Resp: 144159

Ion Ratio Lower Upper

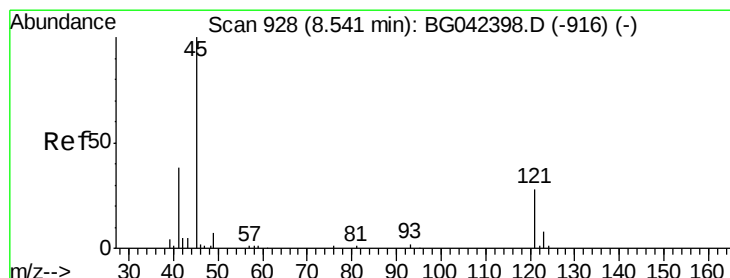
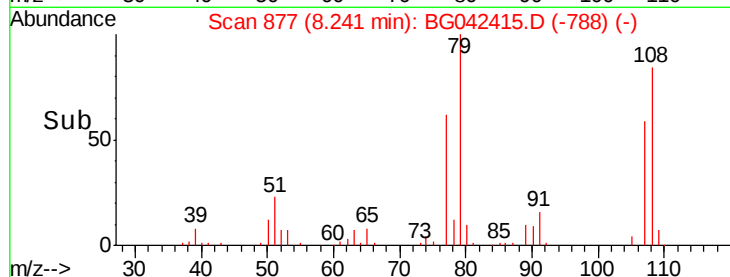
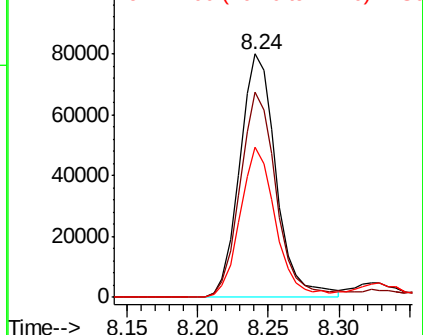
79 100

108 84.1 67.4 101.2

77 61.9 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.458 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

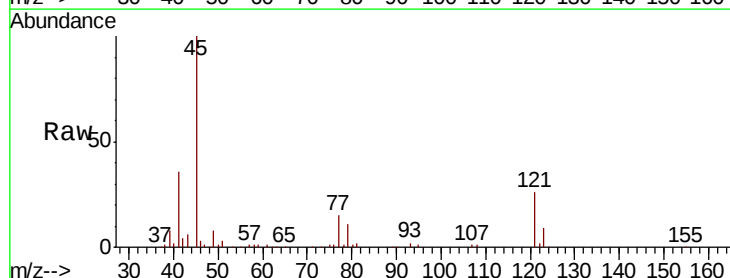
Tgt Ion: 45 Resp: 214814

Ion Ratio Lower Upper

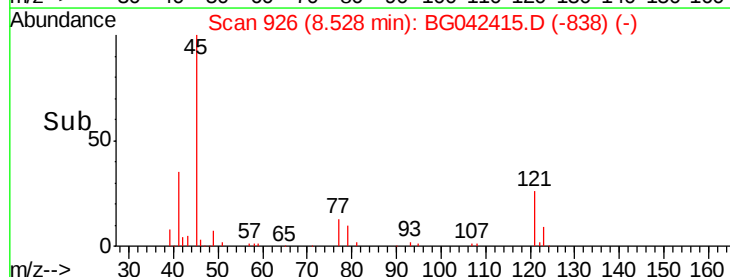
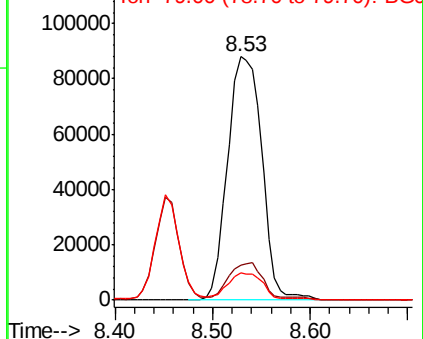
45 100

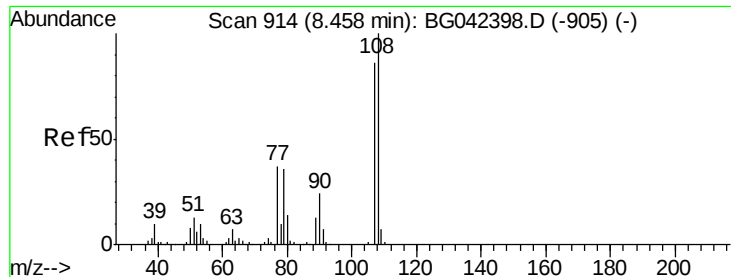
77 14.5 0.0 35.6

79 11.1 0.0 31.6



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

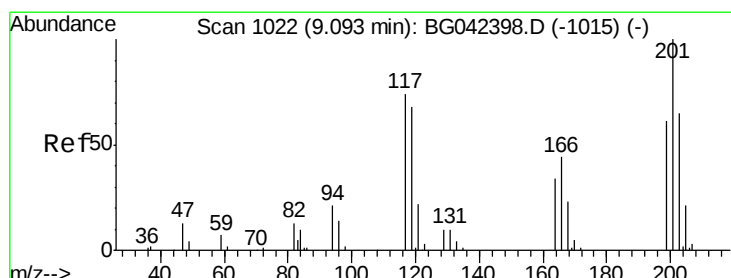
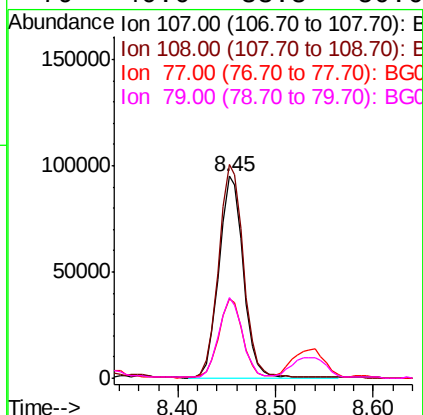
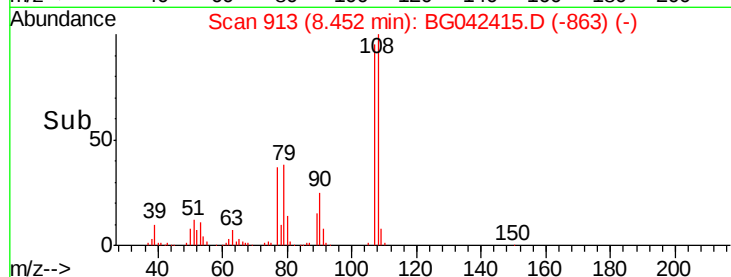
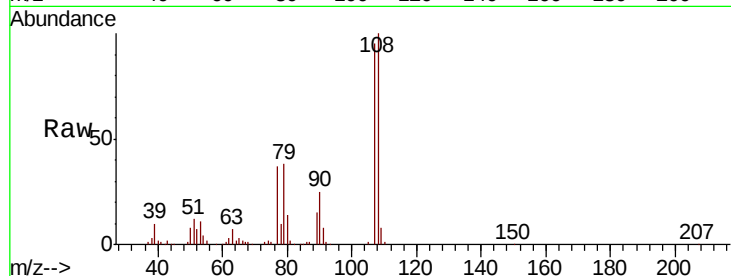




#17
2-Methylphenol
Concen: 42.468 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

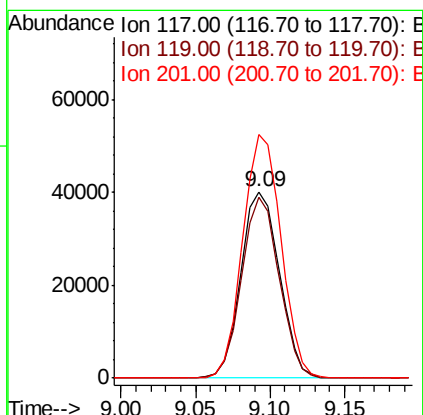
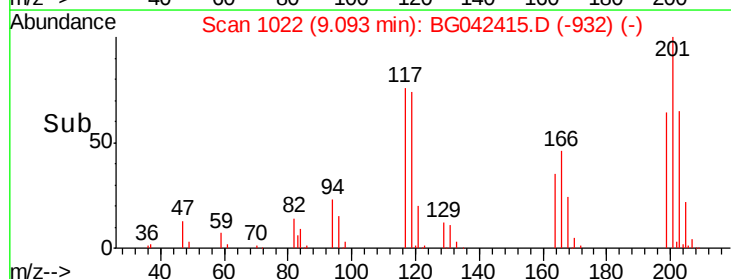
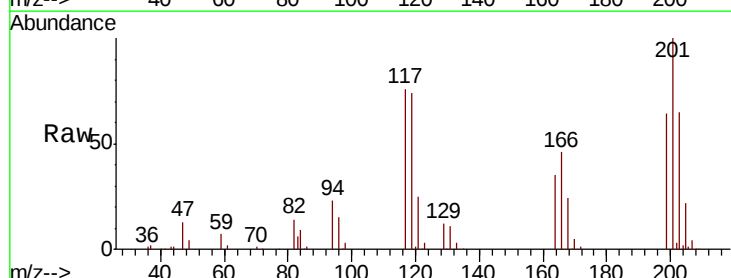
Instrument :
BNA_G
ClientSampleId :

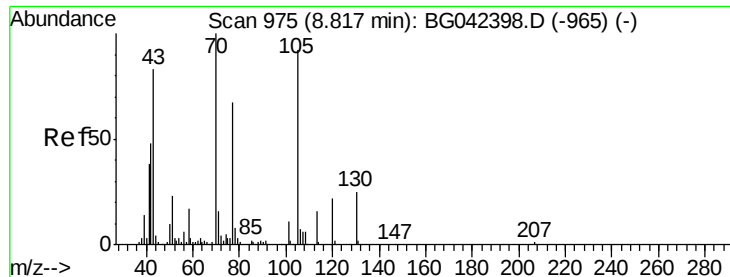
Tot Ion	Ratio	Lower	Upper
107	100		
108	105.8	92.9	139.3
77	39.1	34.4	51.6
79	40.0	33.8	50.6



#18
Hexachloroethane
Concen: 35.133 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.8	110.8
201	130.7	108.3	162.5

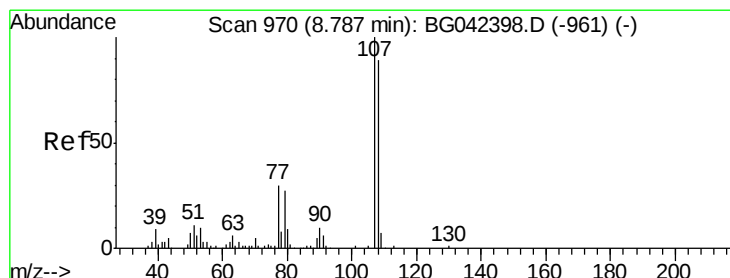
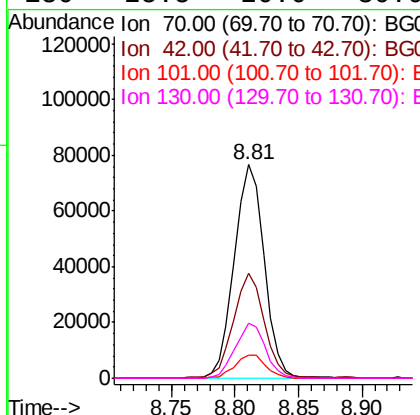
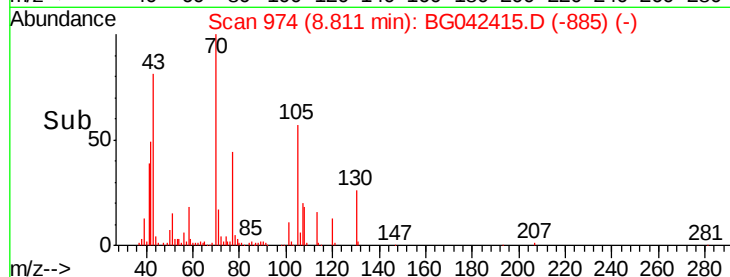
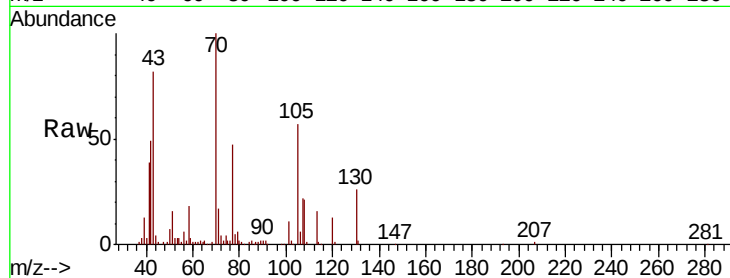




#19
n-Nitroso-di-n-propylamine
Concen: 37.579 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

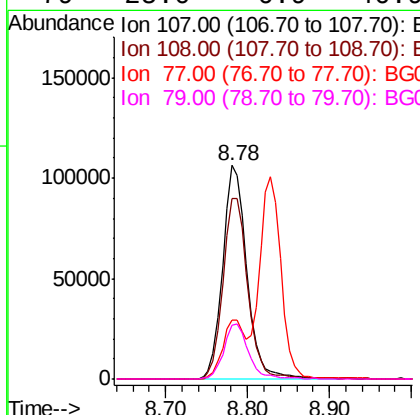
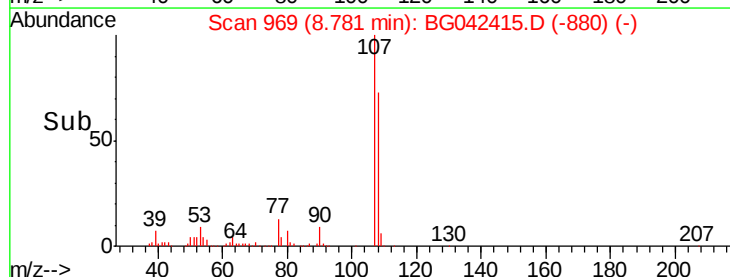
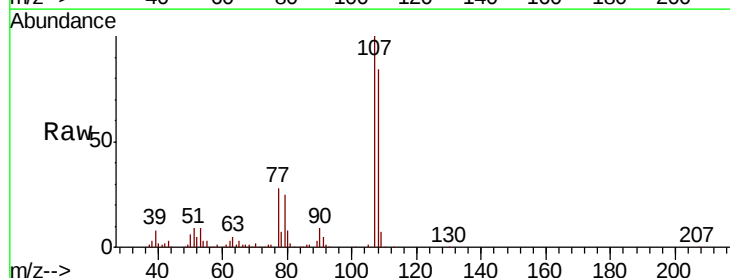
Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	125648
Ion	Ratio	Lower	Upper
70	100		
42	49.2	38.8	58.2
101	11.0	9.0	13.6
130	25.5	20.0	30.0



#20
3+4-Methylphenols
Concen: 40.855 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion:	107	Resp:	218500
Ion	Ratio	Lower	Upper
107	100		
108	84.3	68.7	108.7
77	27.6	10.2	50.2
79	25.0	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 309964

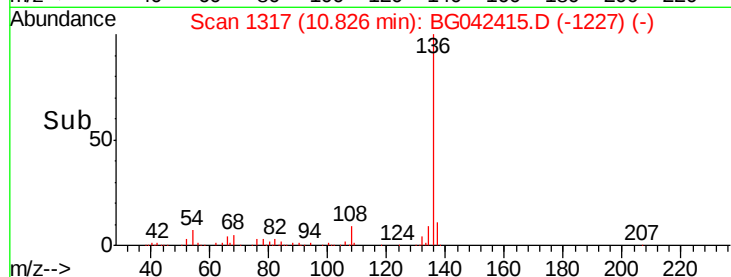
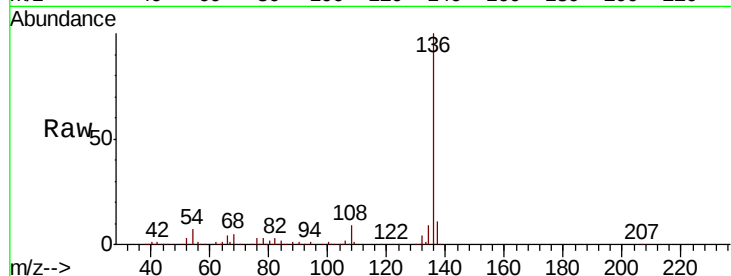
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.8 4.9 7.3

68 4.7 3.6 5.4

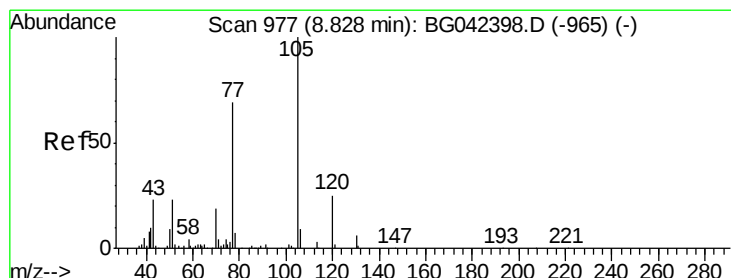
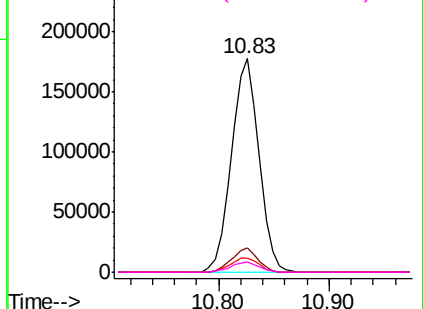


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 39.156 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Tgt Ion:105 Resp: 259587

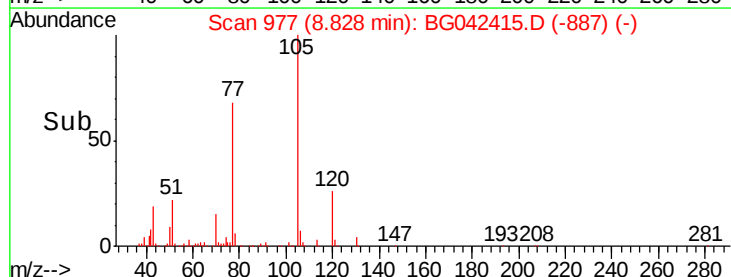
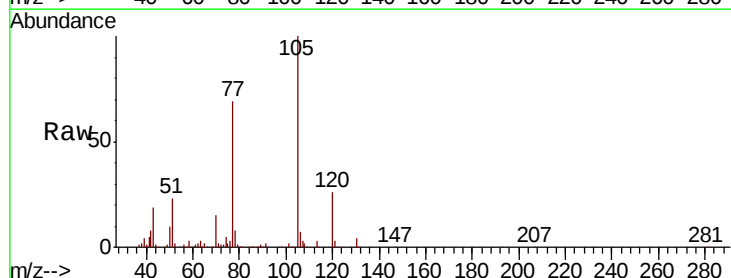
Ion Ratio Lower Upper

105 100

71 2.2 2.8 4.2#

51 22.9 18.7 28.1

120 25.8 20.1 30.1

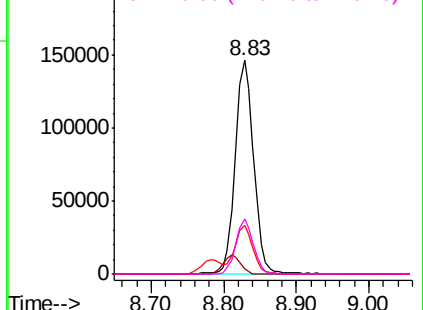


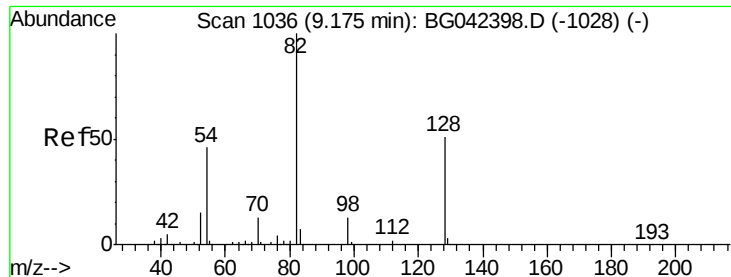
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

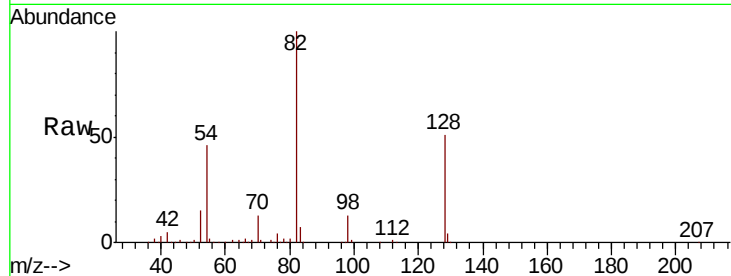




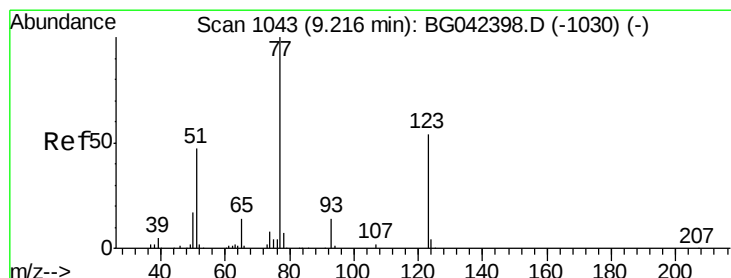
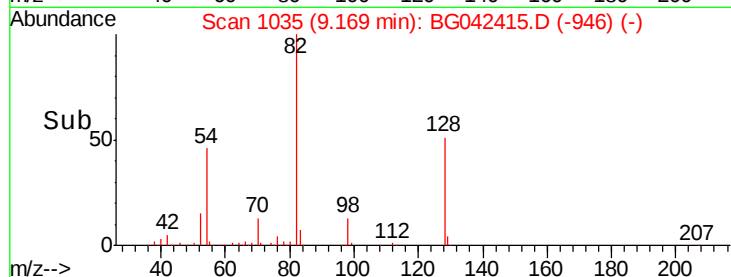
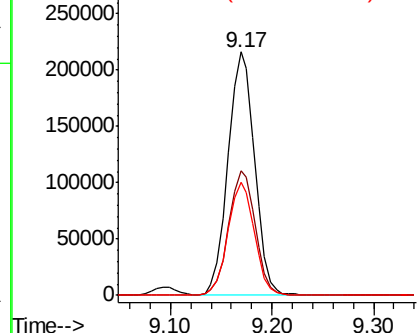
#23
 Nitrobenzene-d5
 Concen: 87.735 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	393534
Ion Ratio	Lower	Upper	
82	100		
128	51.1	40.7	61.1
54	46.5	36.3	54.5

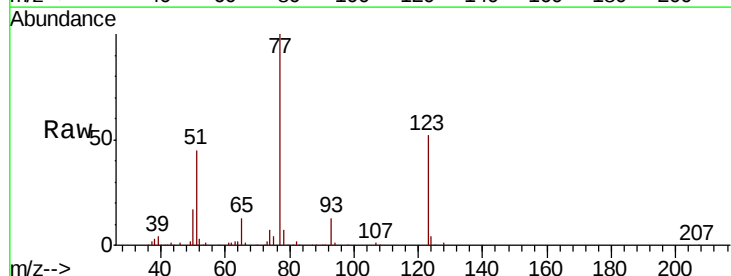


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

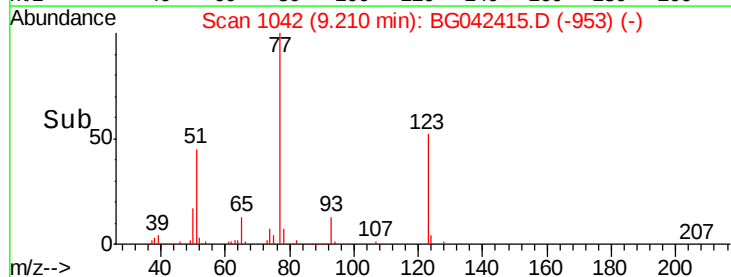
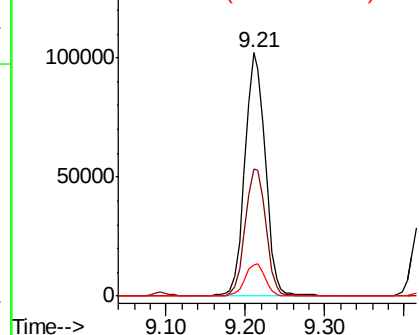


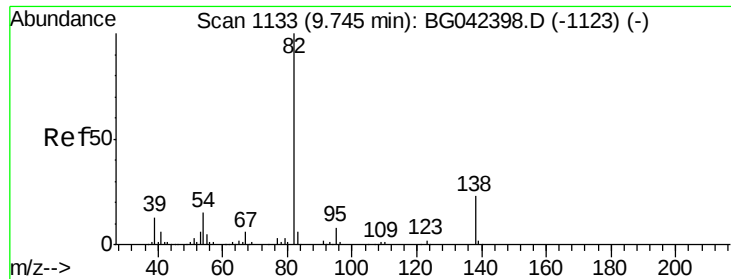
#24
 Nitrobenzene
 Concen: 39.861 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	77	Resp	181055
Ion Ratio	Lower	Upper	
77	100		
123	52.1	43.4	65.0
65	12.6	11.0	16.6



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

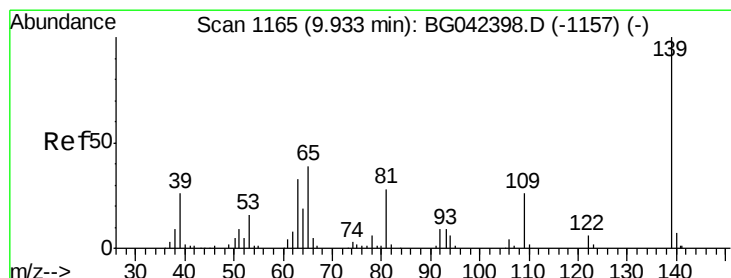
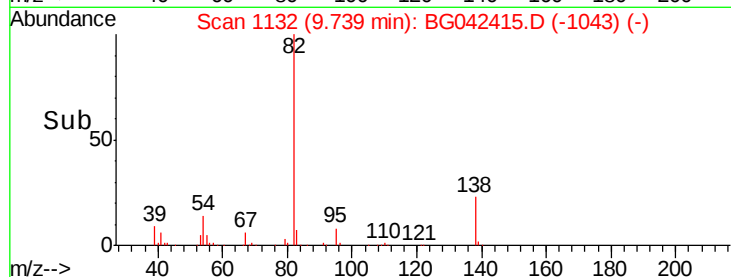
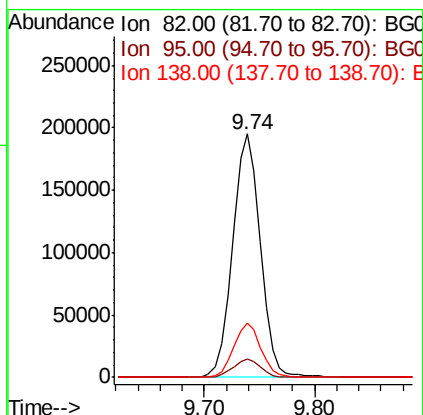
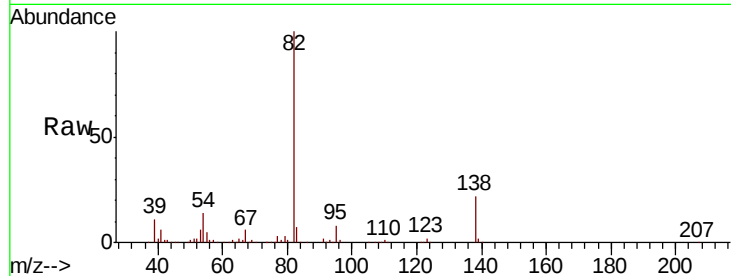




#25
Isophorone
Concen: 38.705 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

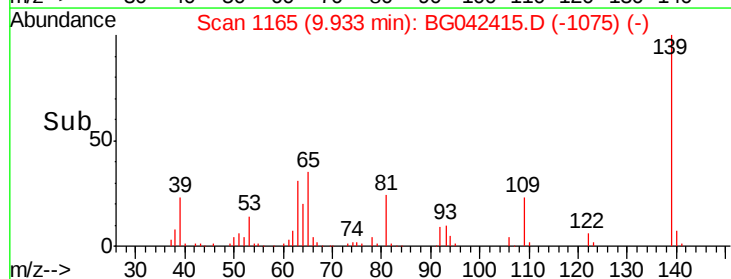
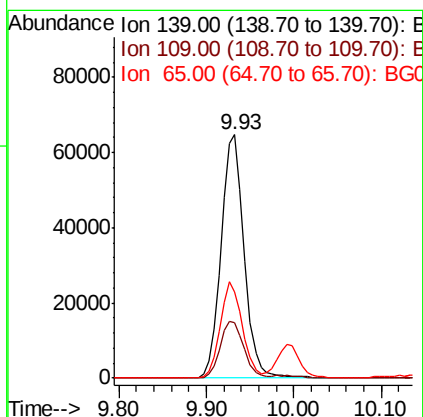
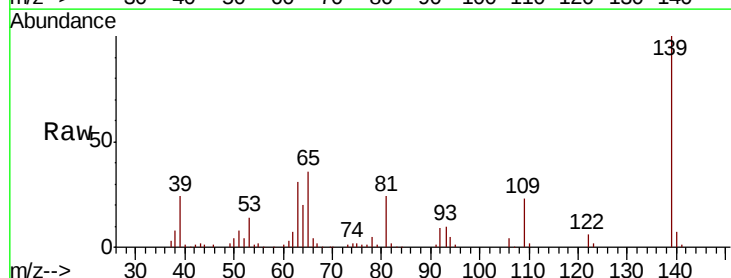
Instrument :
BNA_G
ClientSampled :

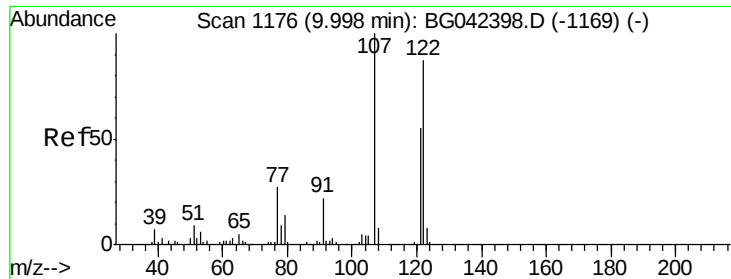
Tot Ion	82	Resp	342628
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.6	9.8
138	22.5	18.6	27.8



#26
2-Nitrophenol
Concen: 41.295 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion	139	Resp	117542
Ion Ratio	Lower	Upper	
139	100		
109	22.8	20.5	30.7
65	35.6	30.9	46.3

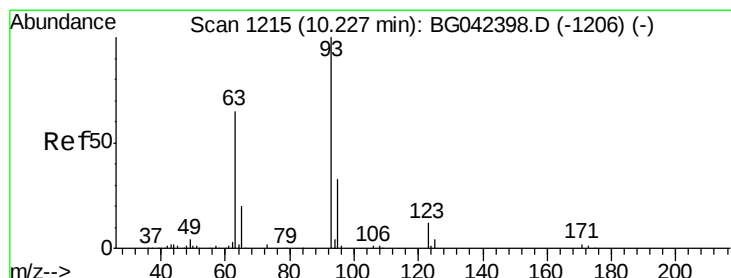
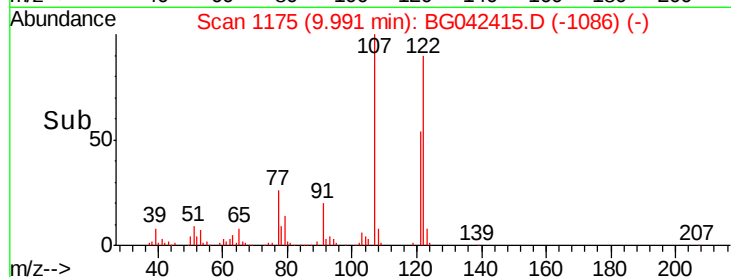
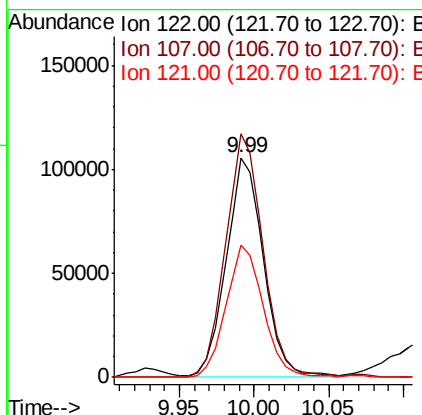
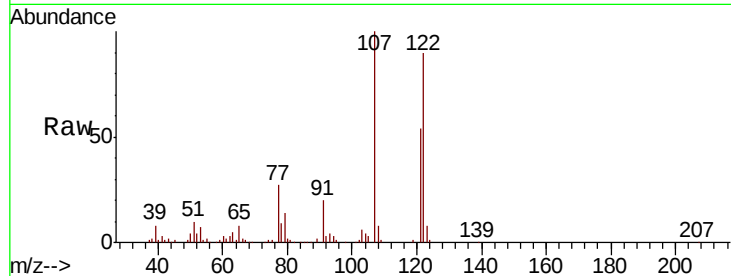




#27
 2,4-Dimethylphenol
 Concen: 46.422 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

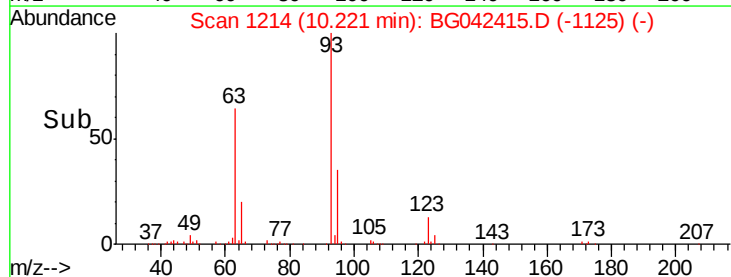
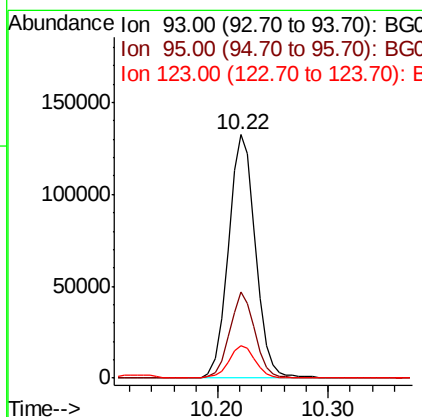
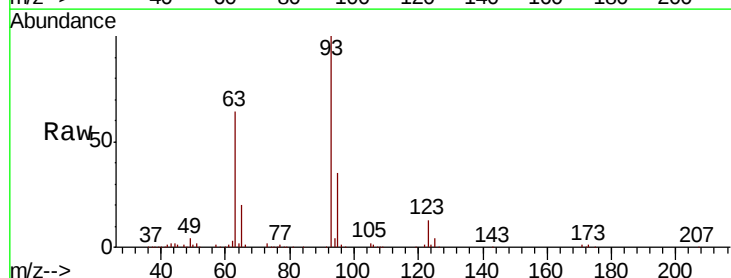
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	90.8	136.2
121	60.1	49.6	74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.690 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.2	26.6	40.0
123	13.1	10.1	15.1

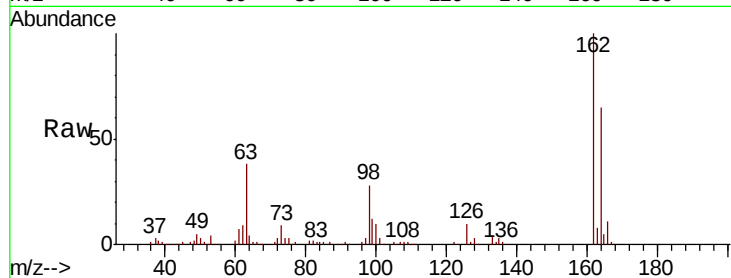




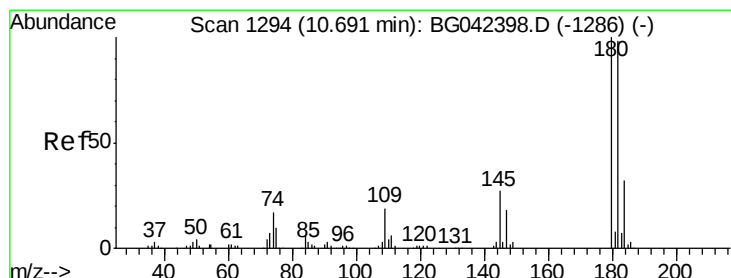
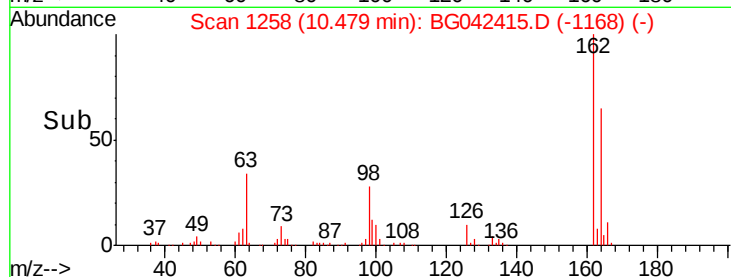
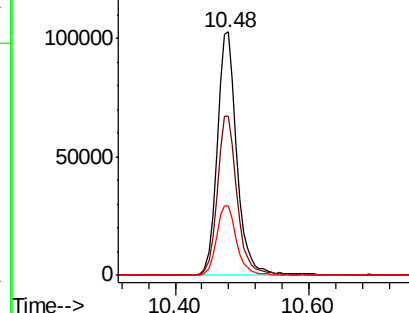
#29
 2,4-Dichlorophenol
 Concen: 41.605 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	48.1	88.1
98	28.5	7.6	47.6

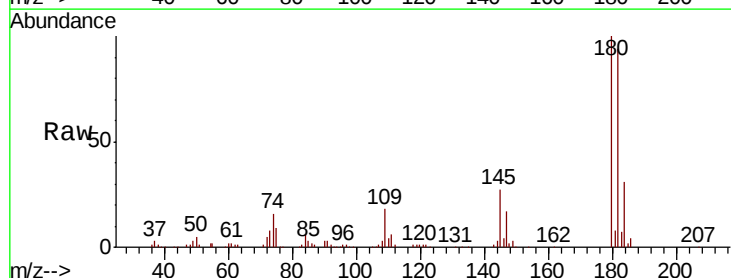


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

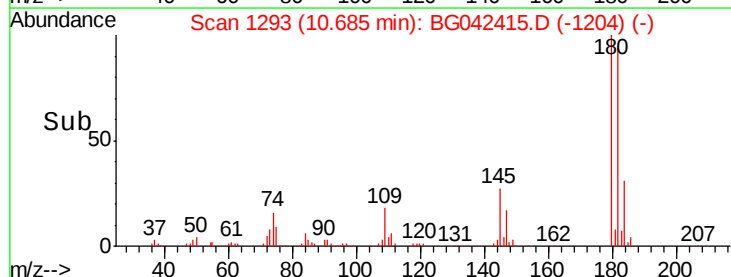
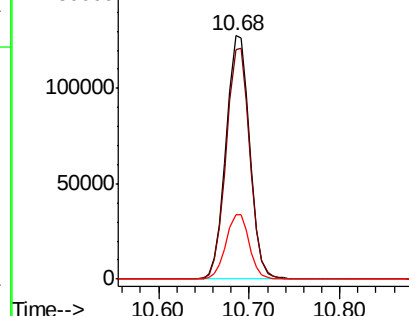


#30
 1,2,4-Trichlorobenzene
 Concen: 36.632 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.7	118.1
145	26.7	21.6	32.4



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

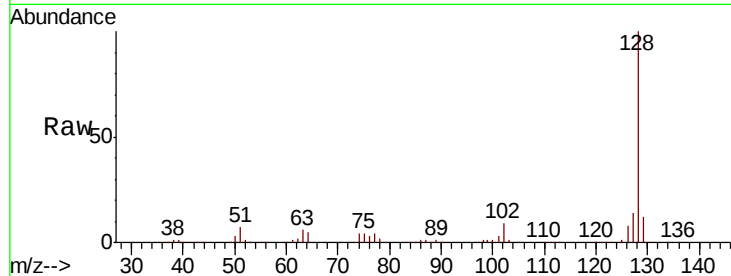




#31
Naphthalene
Concen: 39.257 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.0	11.4	17.0

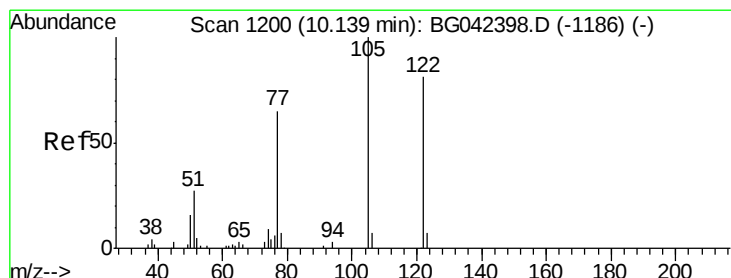
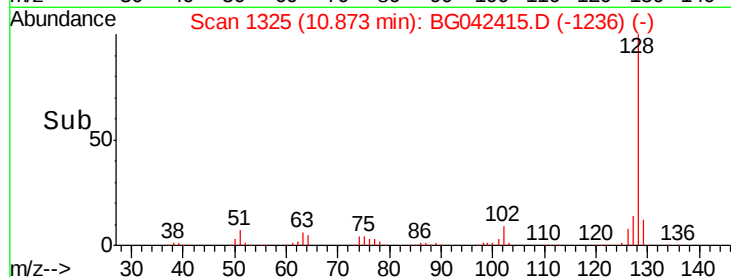
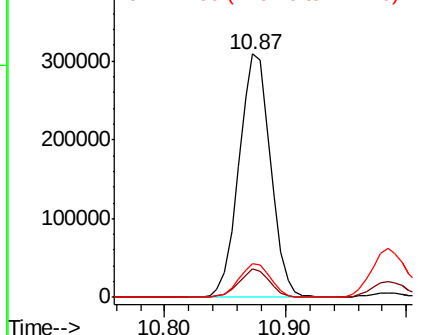


Abundance

Ion 128.00 (127.70 to 128.70): E

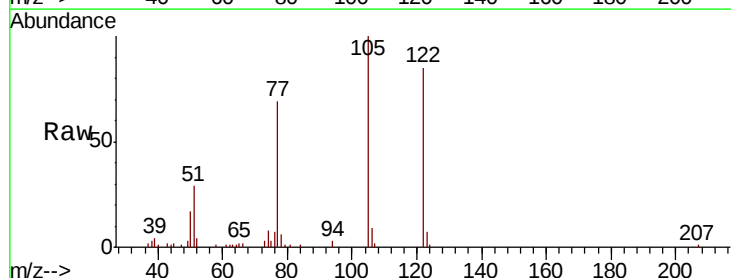
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.173 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	99.6	139.6
77	80.9	59.5	99.5

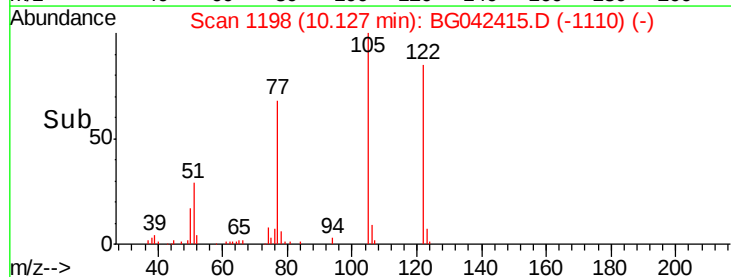
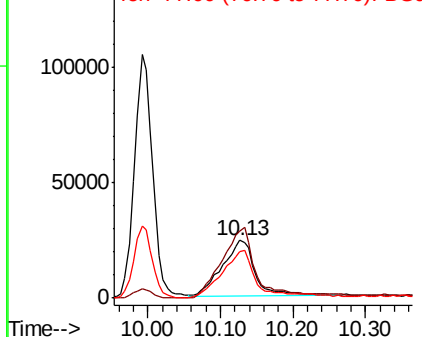


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

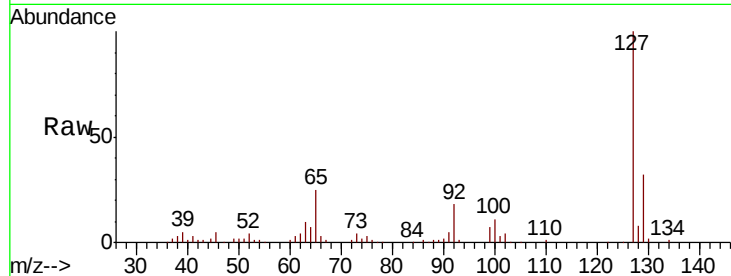




#33
4-Chloroaniline
Concen: 20.342 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	135135
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.8	40.2
65	25.4	20.7	31.1
92	17.6	13.6	20.4



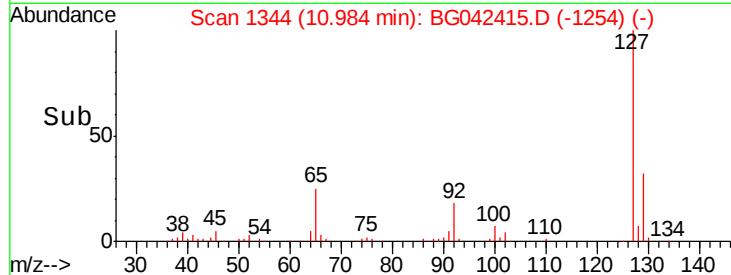
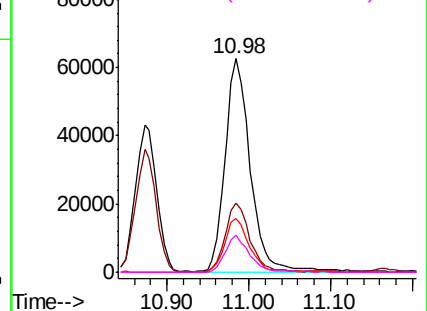
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

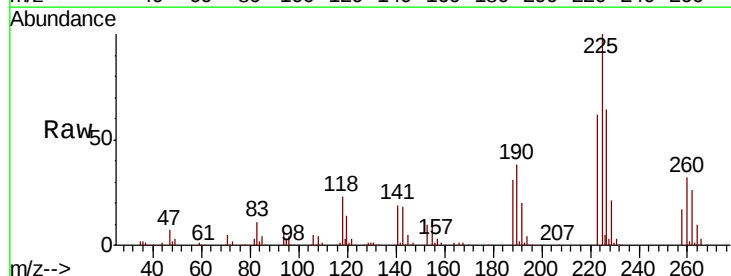
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.528 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion:	225	Resp:	141886
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.8	74.6
227	63.7	50.9	76.3

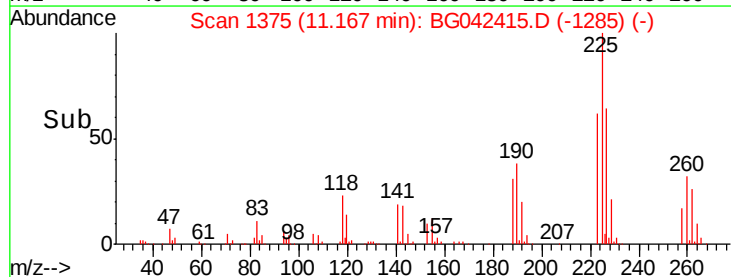
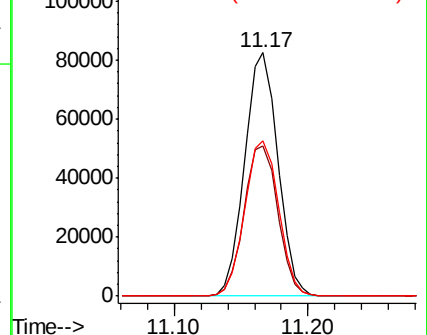


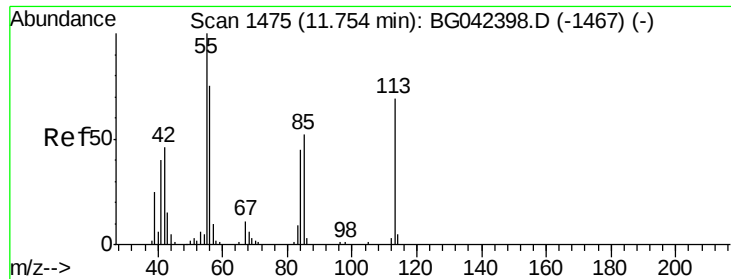
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

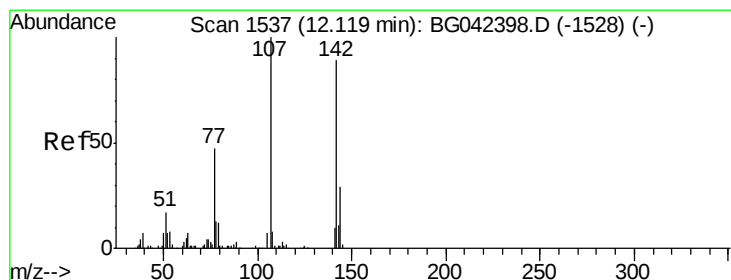
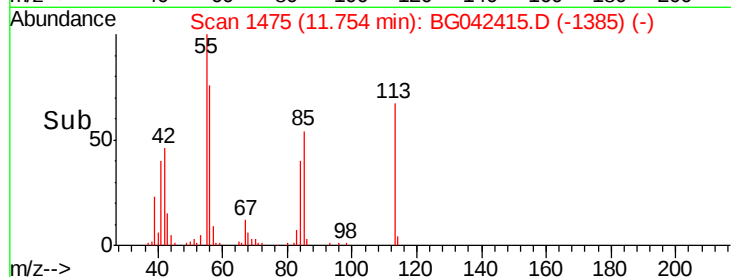
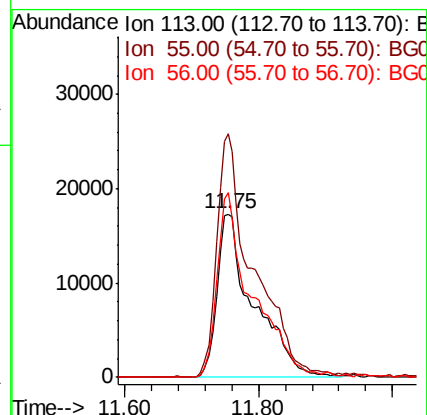
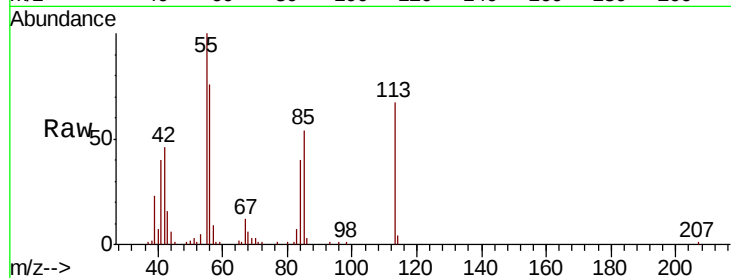




#35
Caprolactam
Concen: 38.647 ng
RT: 11.75 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

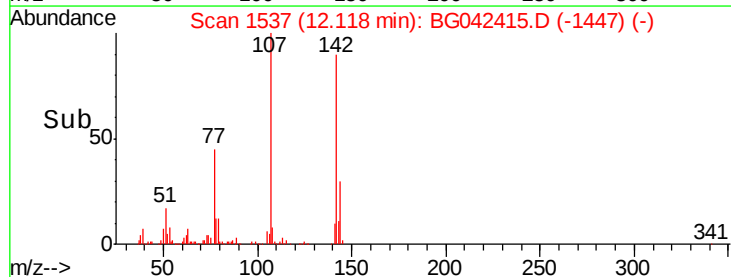
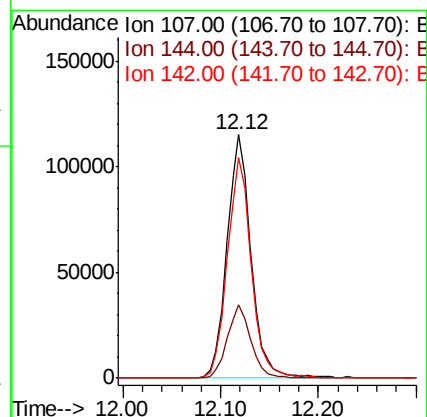
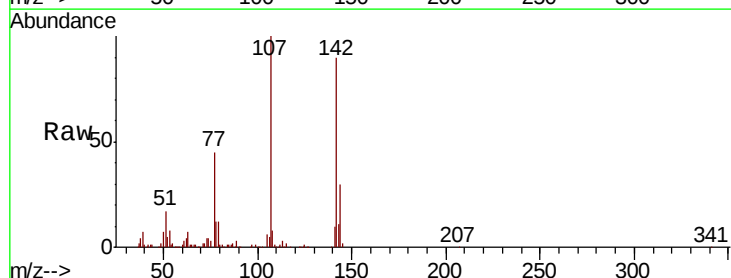
Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 66155
Ion Ratio Lower Upper
113 100
55 149.0 124.6 164.6
56 112.9 88.3 128.3



#36
4-Chloro-3-methylphenol
Concen: 40.339 ng
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion:107 Resp: 196447
Ion Ratio Lower Upper
107 100
144 29.9 23.6 35.4
142 90.4 71.0 106.4

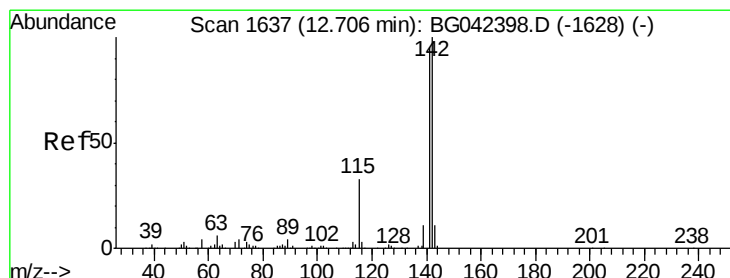
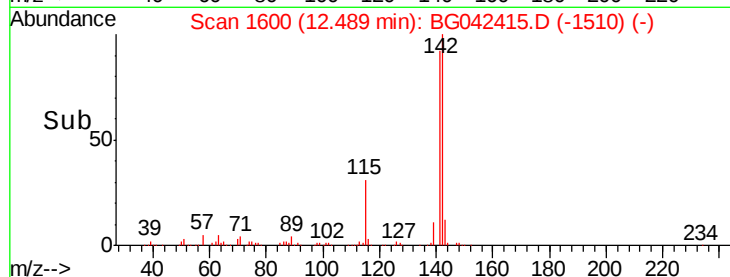
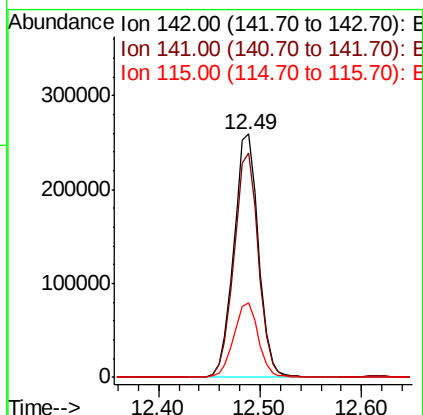
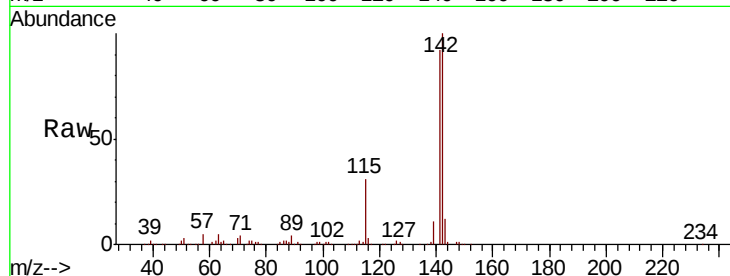




#37
2-Methylnaphthalene
Concen: 37.842 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

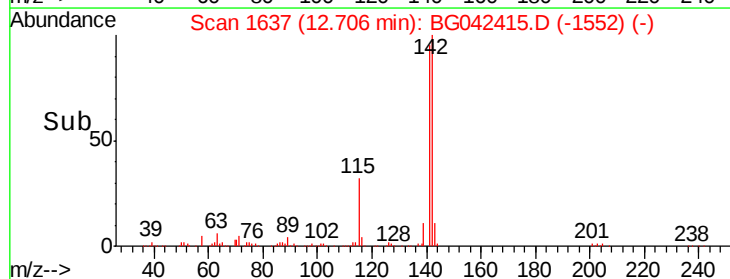
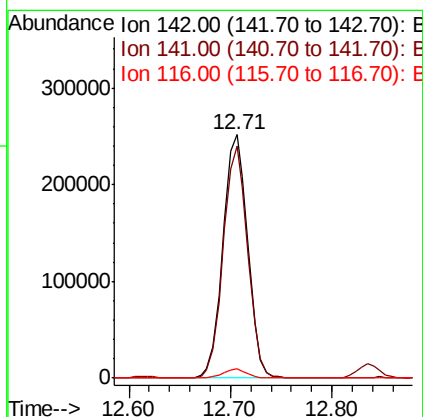
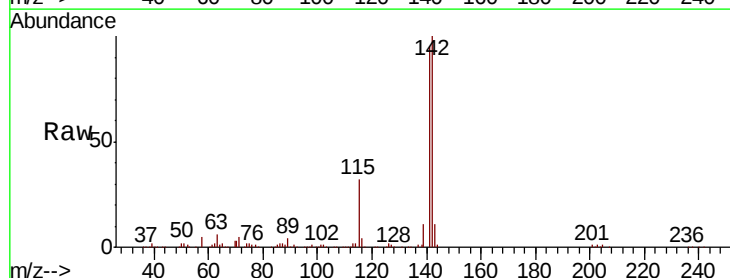
Instrument :
BNA_G
ClientSampleId :

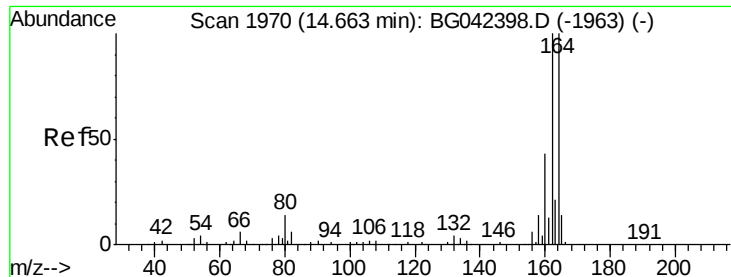
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.4	107.2
115	30.7	25.2	37.8



#38
1-Methylnaphthalene
Concen: 38.622 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

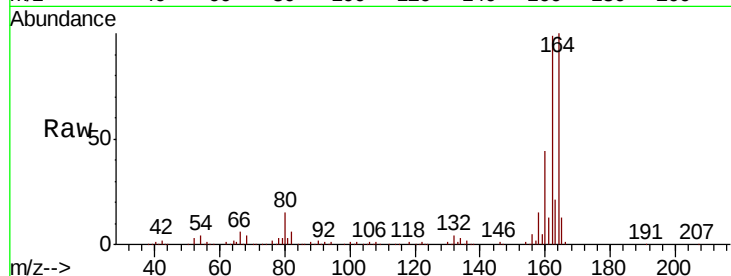
Tot Ion:164 Resp: 219273

Ion Ratio Lower Upper

164 100

162 99.5 79.9 119.9

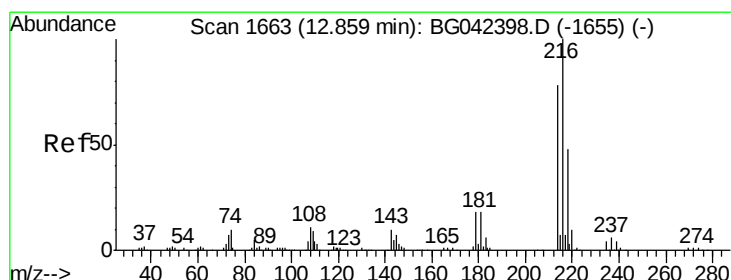
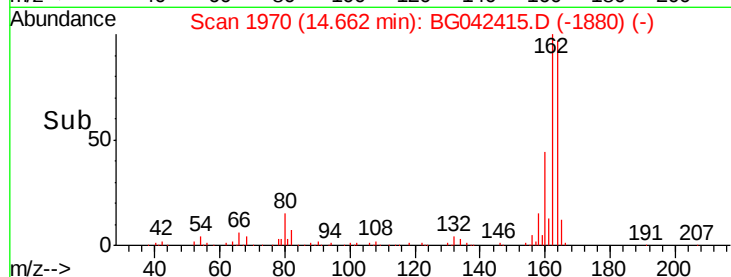
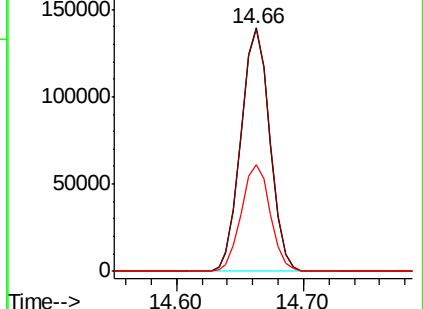
160 43.8 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.968 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Tgt Ion:216 Resp: 260315

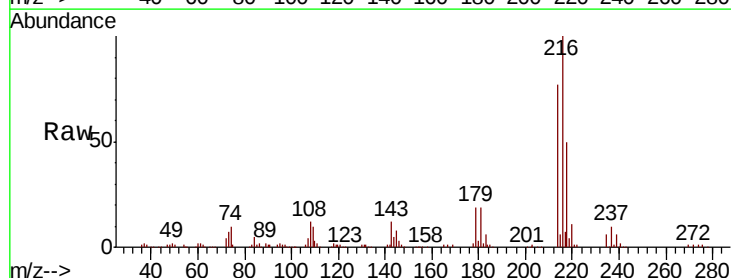
Ion Ratio Lower Upper

216 100

214 77.6 61.4 92.2

179 19.8 15.1 22.7

108 13.6 9.4 14.0

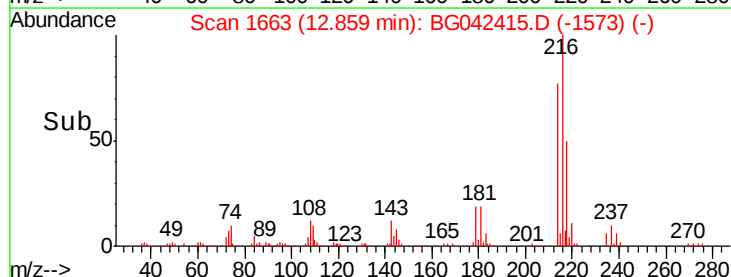
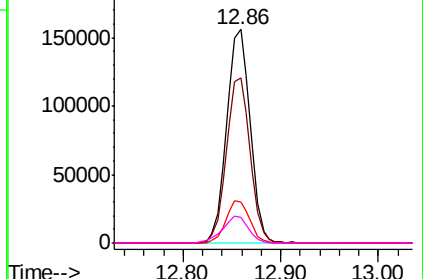


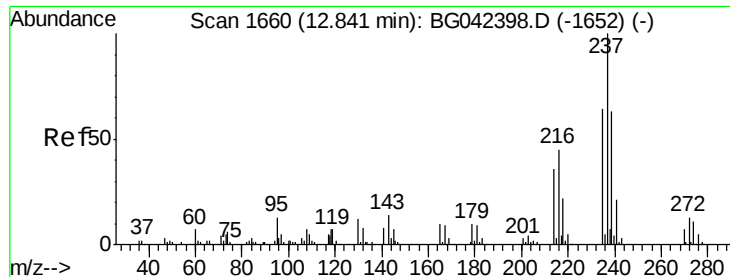
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 62.631 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

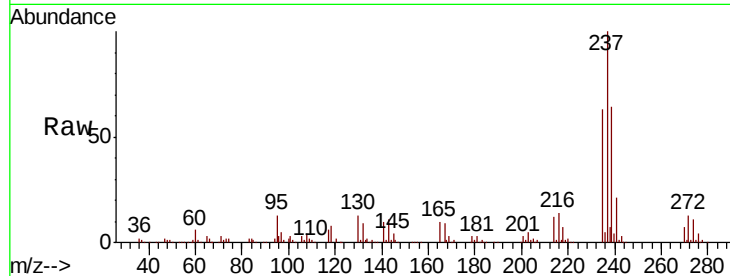
Tot Ion:237 Resp: 231664

Ion Ratio Lower Upper

237 100

235 62.6 43.7 83.7

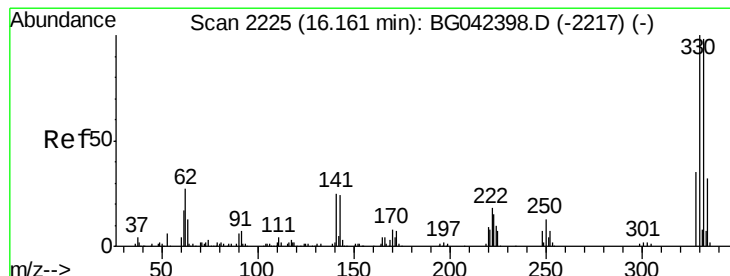
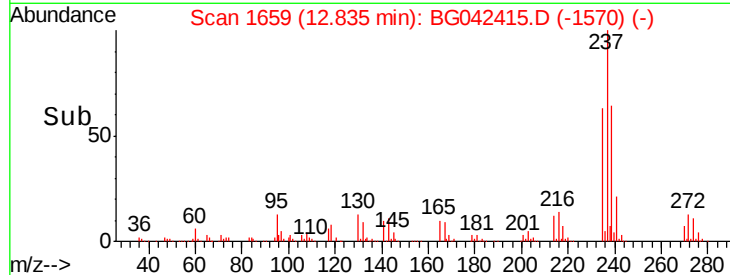
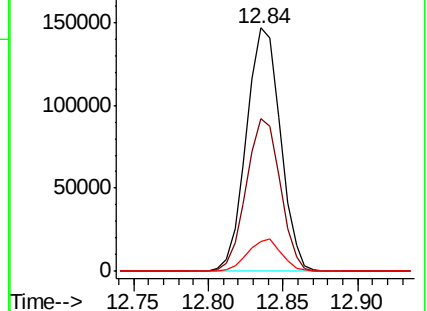
272 12.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.963 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

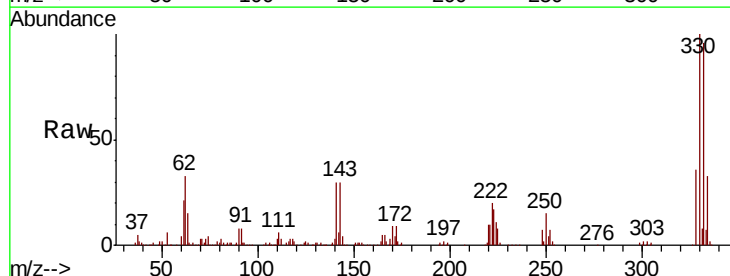
Tgt Ion:330 Resp: 345829

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

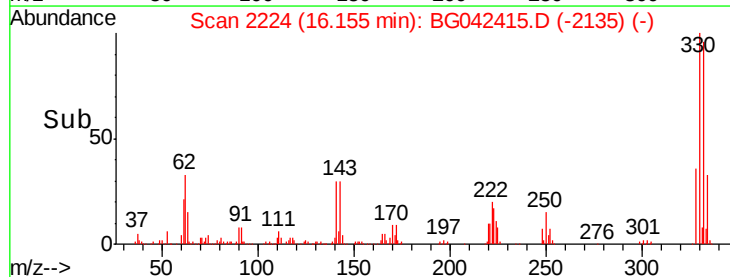
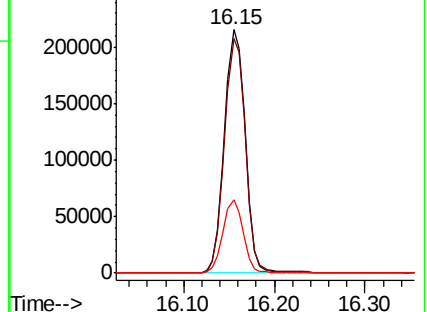
141 29.4 21.4 32.0

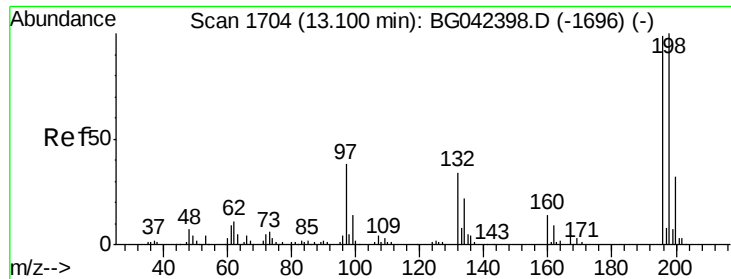


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

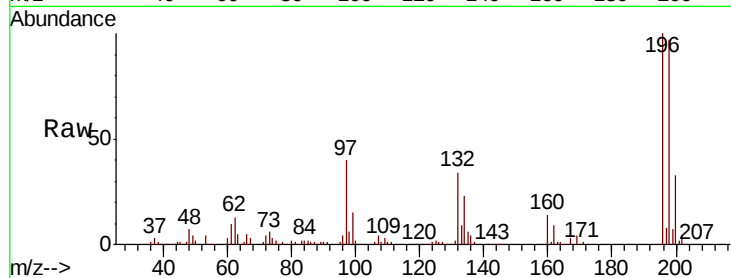




#43
 2,4,6-Trichlorophenol
 Concen: 37.797 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	179904
Ion Ratio	Lower	Upper	
196	100		
198	96.7	80.7	121.1
200	32.7	25.7	38.5

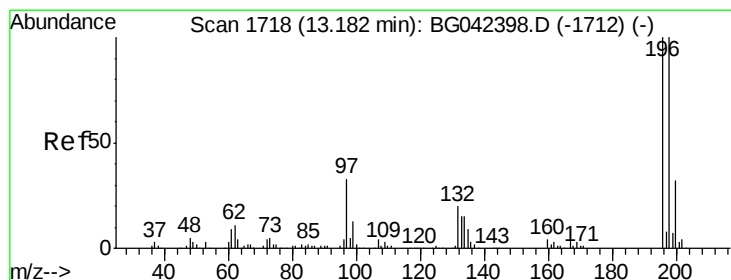
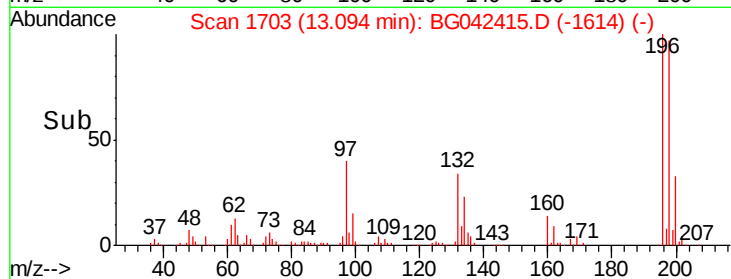
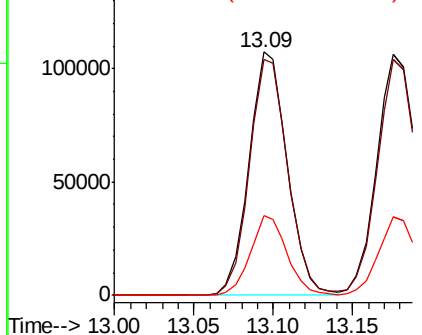


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.150 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	196	Resp	193101
Ion Ratio	Lower	Upper	
196	100		
198	98.0	80.2	120.4
97	35.6	26.3	39.5
132	23.4	16.6	24.8

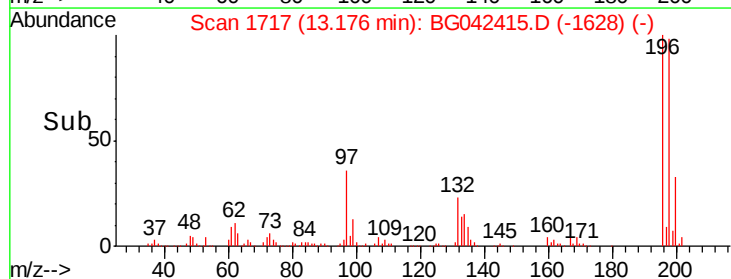
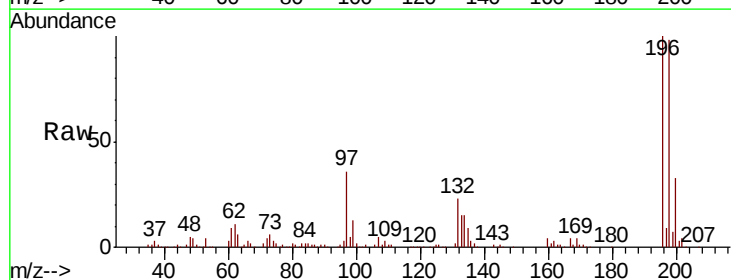
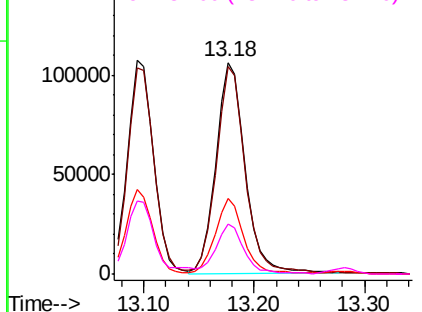
Abundance

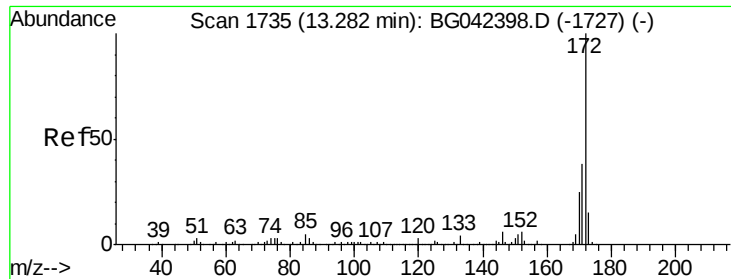
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



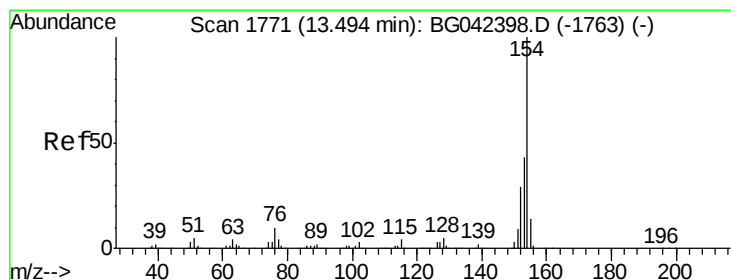
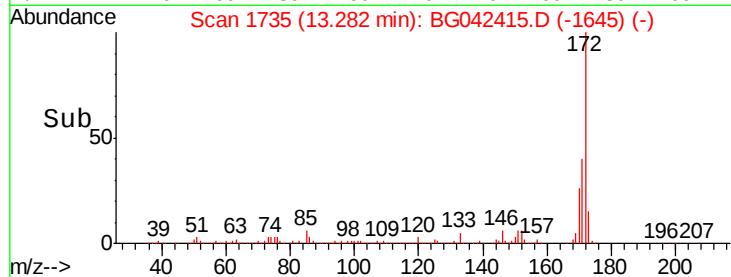
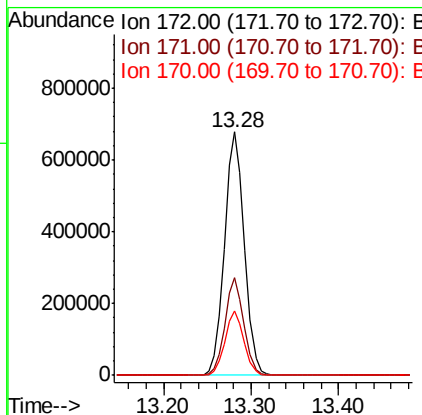
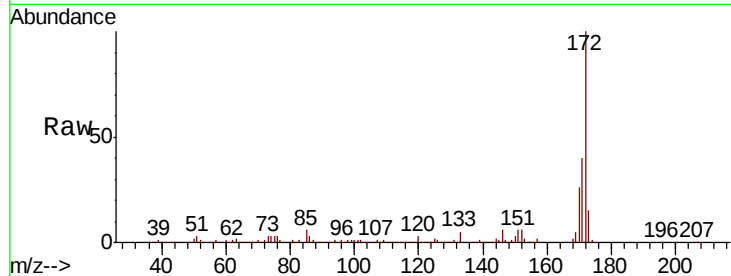


#45
 2-Fluorobiphenyl
 Concen: 81.346 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1054639

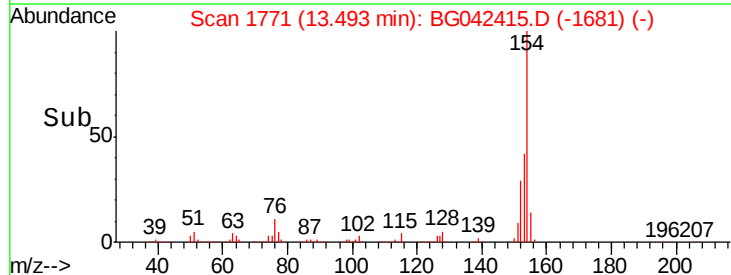
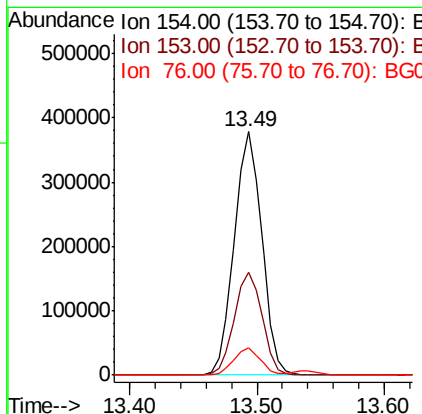
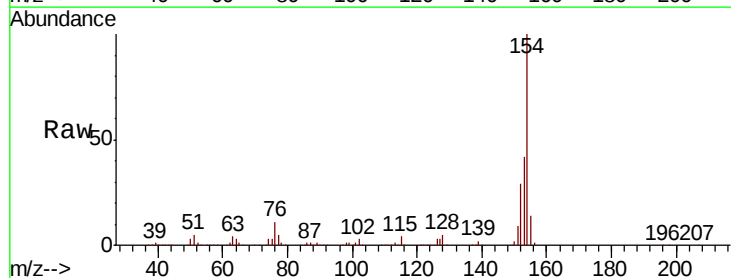
Ion	Ratio	Lower	Upper
172	100		
171	40.1	30.5	45.7
170	26.4	20.2	30.2

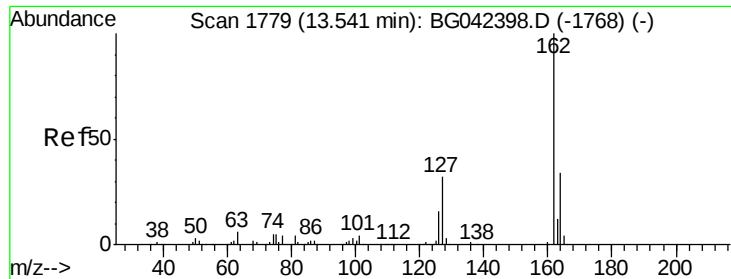


#46
 1,1'-Biphenyl
 Concen: 40.109 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion:154 Resp: 568506

Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.0	63.0
76	11.2	0.0	29.6

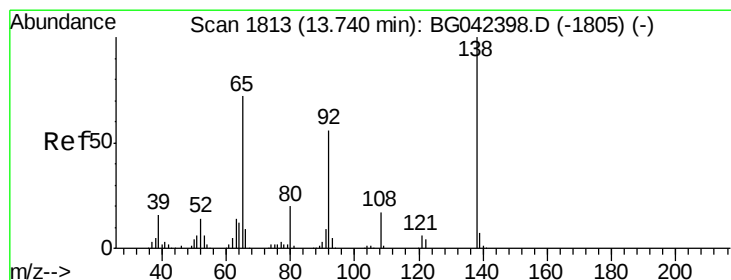
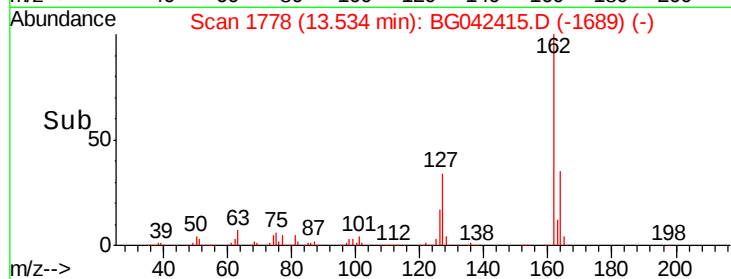
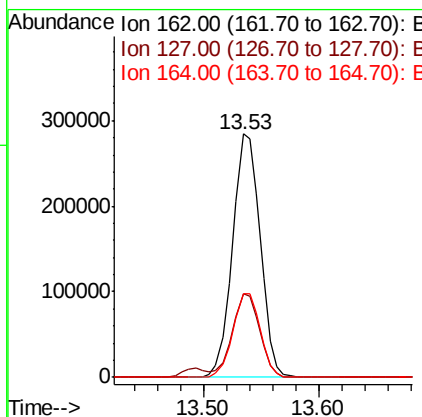
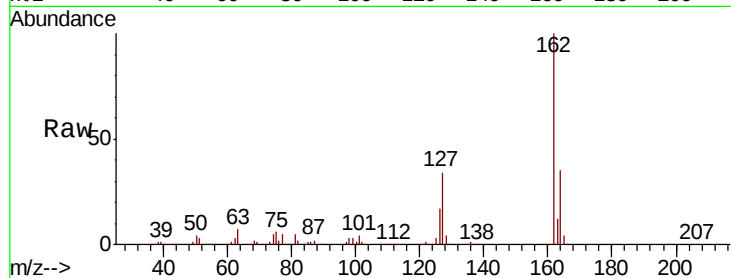




#47
 2-Chloronaphthalene
 Concen: 38.508 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

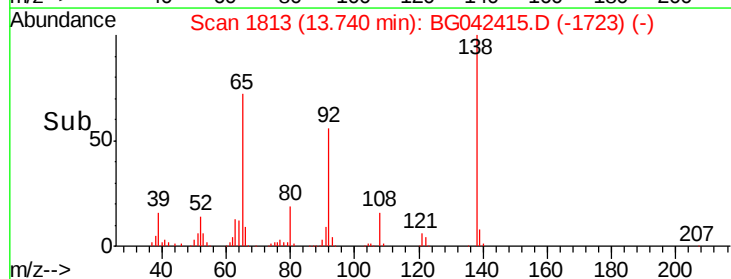
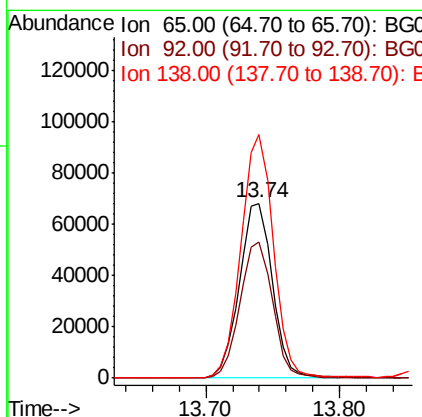
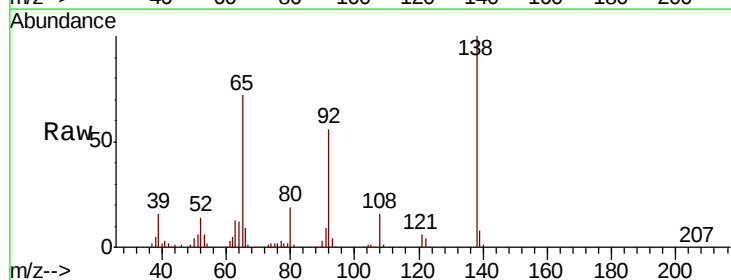
Instrument :
 BNA_G
 ClientSampleId :

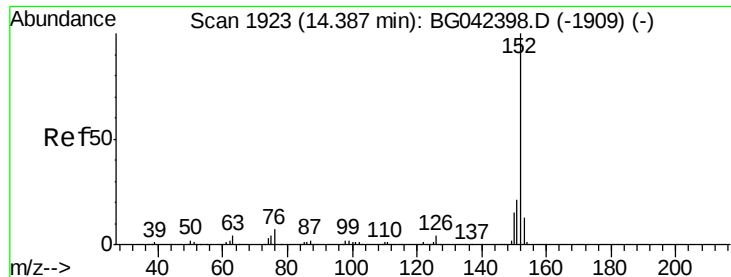
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	26.0	39.0
164	34.5	27.4	41.0



#48
 2-Nitroaniline
 Concen: 39.579 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.1	61.8	92.6
138	139.4	111.0	166.6





#49

Acenaphthylene

Concen: 39.879 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

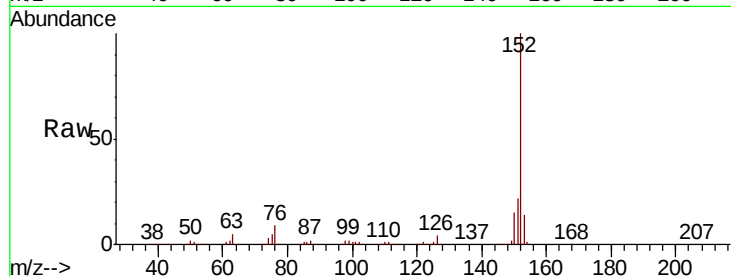
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 733261

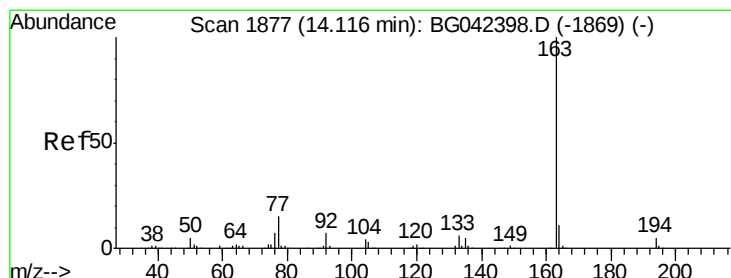
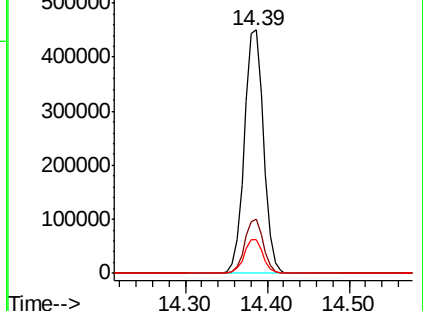
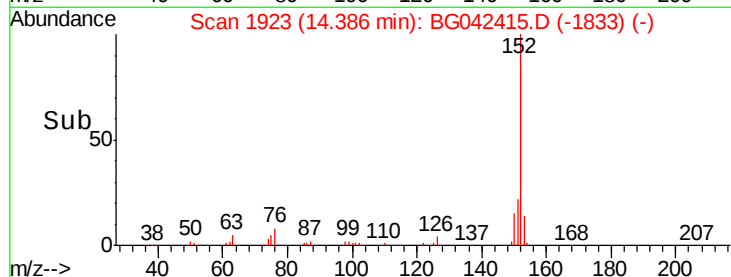
Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.0	25.4
153	13.8	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.091 ng

RT: 14.12 min Scan# 1877

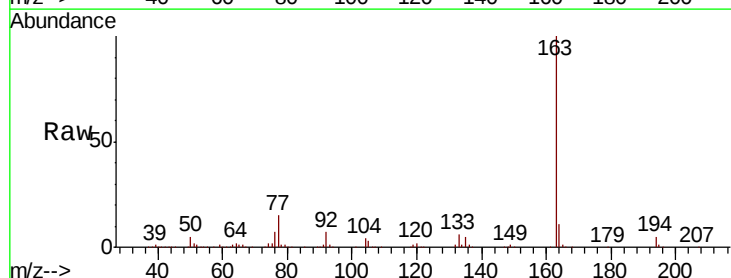
Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Tgt Ion:163 Resp: 792502

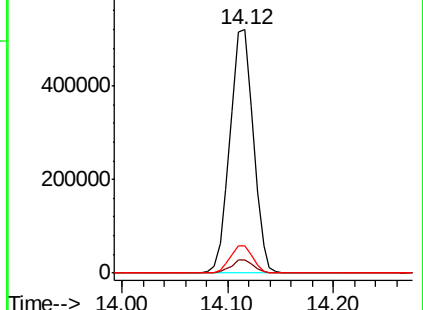
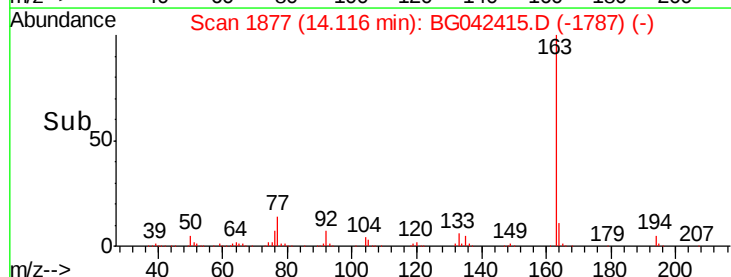
Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	11.1	8.8	13.2

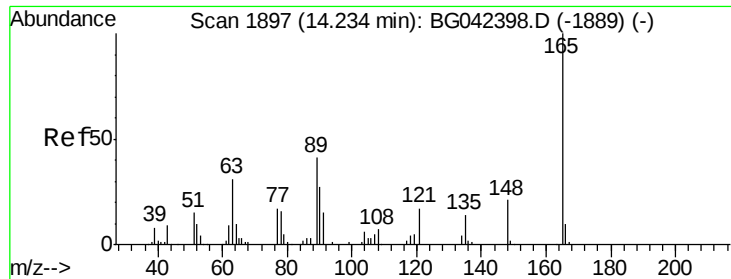


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

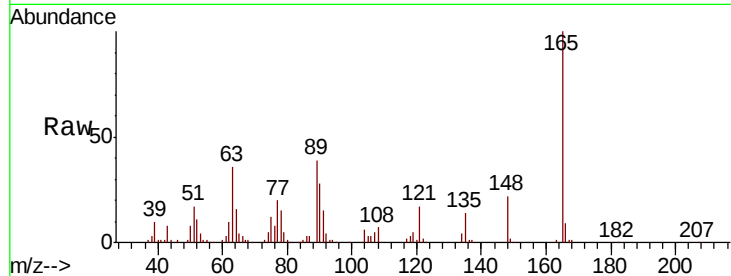




#51
 2,6-Dinitrotoluene
 Concen: 38.301 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.9	30.6	45.8
89	39.2	32.6	49.0

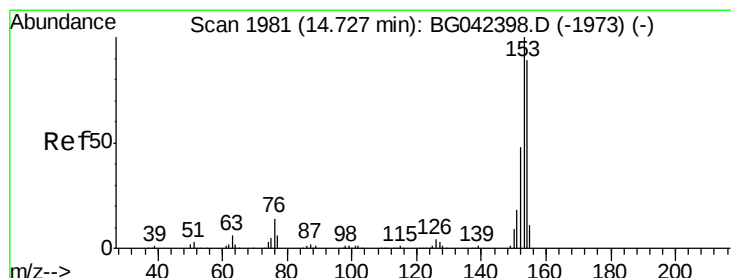
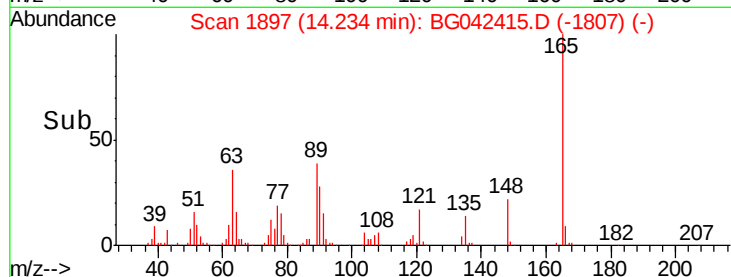
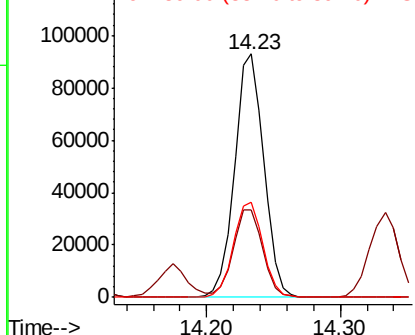


Abundance

Ion 165.00 (164.70 to 165.70): E

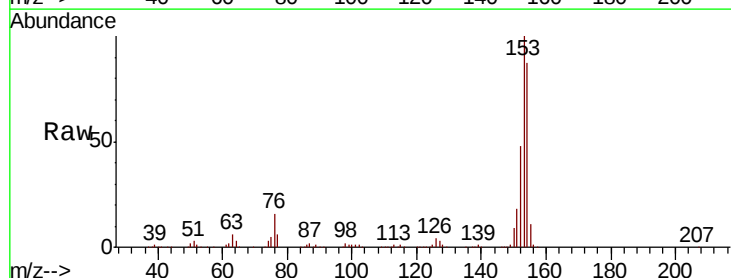
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 39.416 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.2	135.4
152	54.5	43.2	64.8

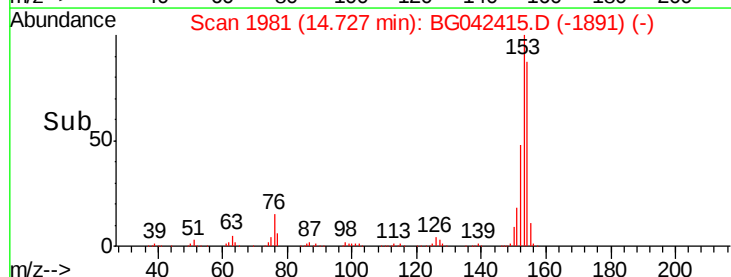
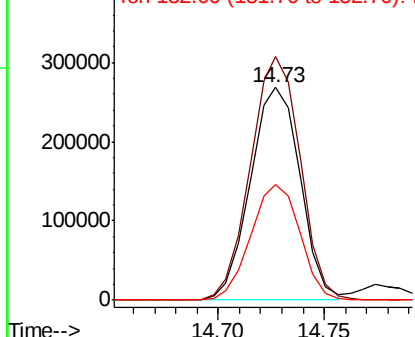


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

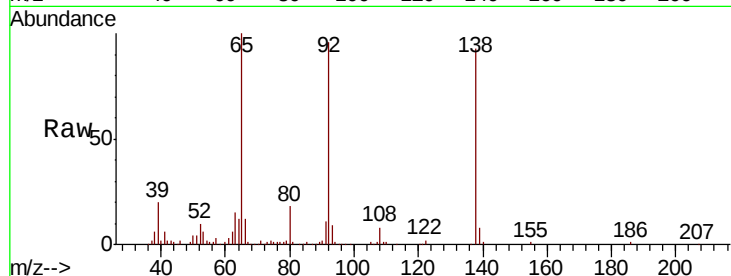




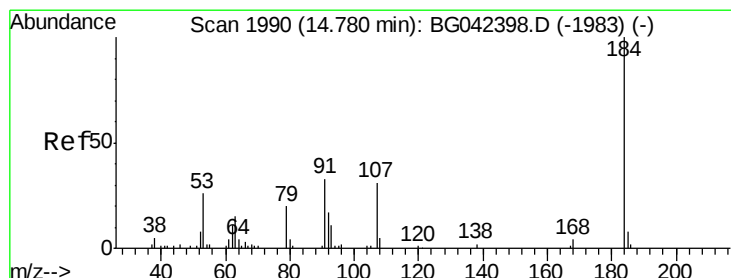
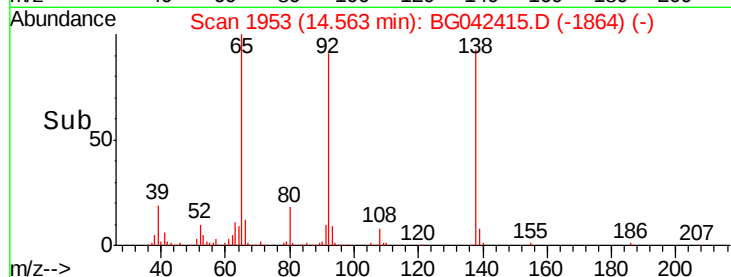
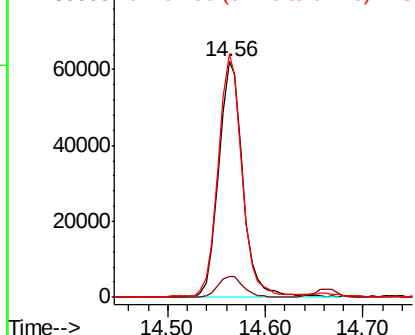
#53
3-Nitroaniline
Concen: 29.109 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 106760
Ion Ratio Lower Upper
138 100
108 9.0 8.3 12.5
92 103.4 78.2 117.4

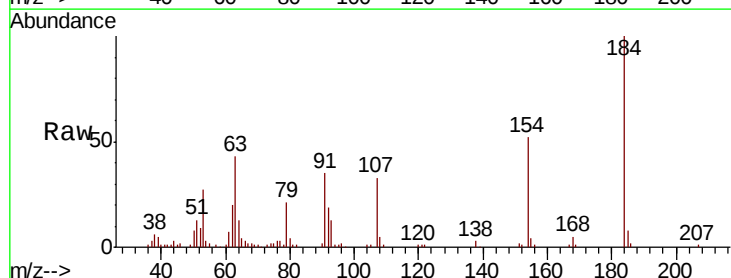


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

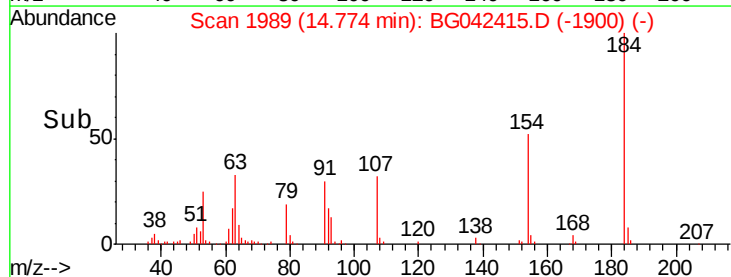
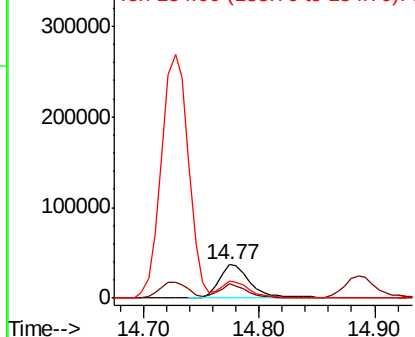


#54
2,4-Dinitrophenol
Concen: 32.207 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion:184 Resp: 69586
Ion Ratio Lower Upper
184 100
63 43.0 31.7 47.5
154 52.5 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

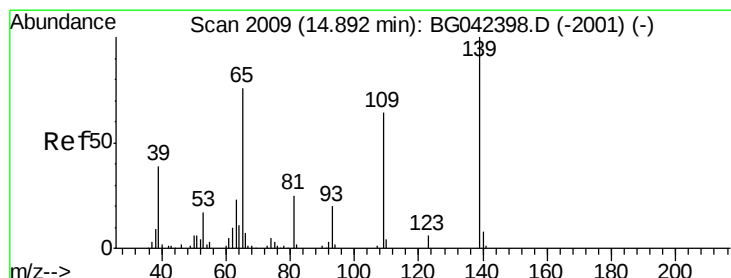
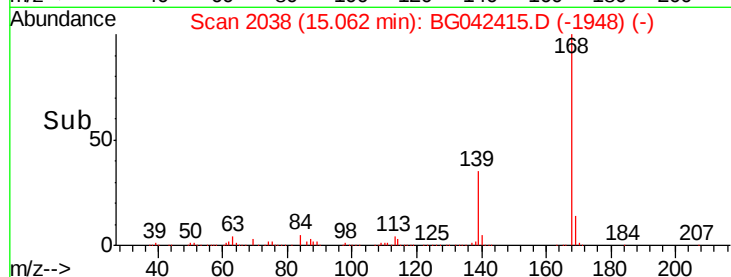
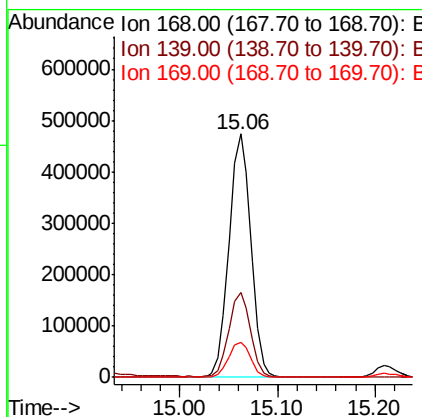
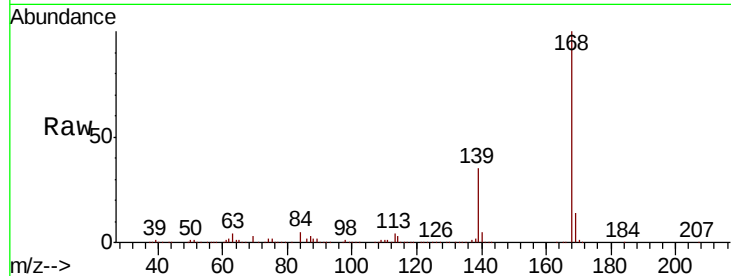




#55
Dibenzenofuran
Concen: 39.803 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

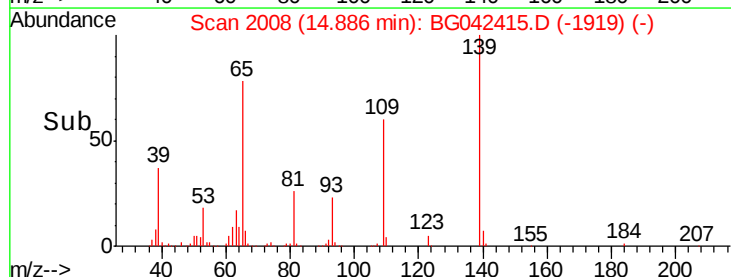
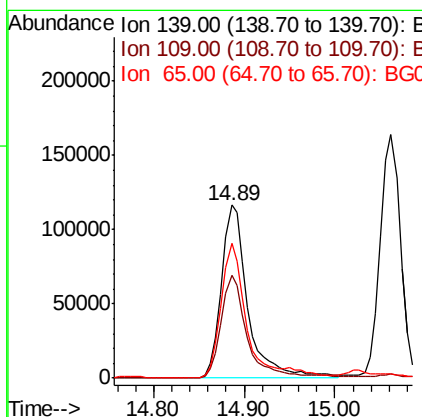
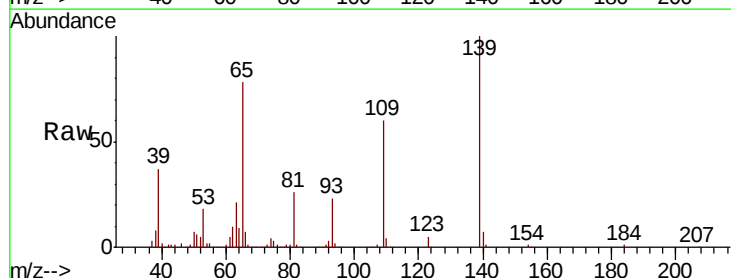
Instrument :
BNA_G
ClientSampleId :

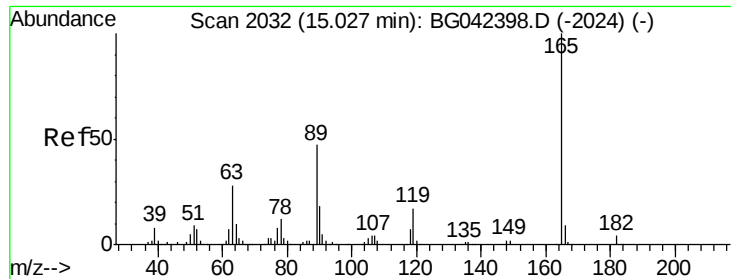
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.2	40.8
169	14.4	11.5	17.3



#56
4-Nitrophenol
Concen: 90.632 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.8	43.9	83.9
65	77.8	56.3	96.3

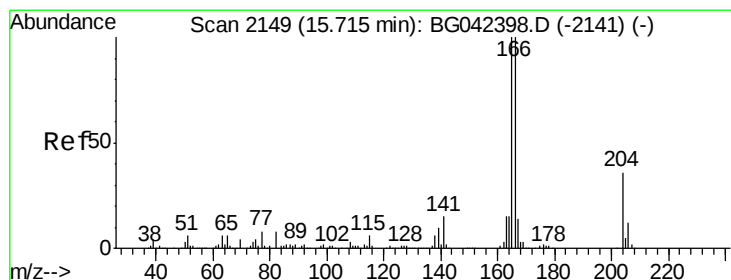
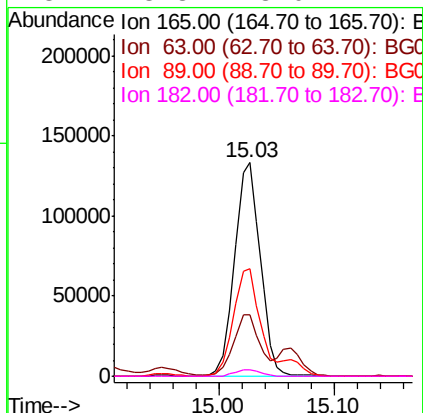
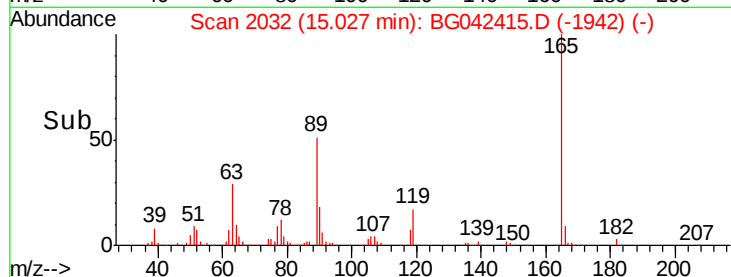
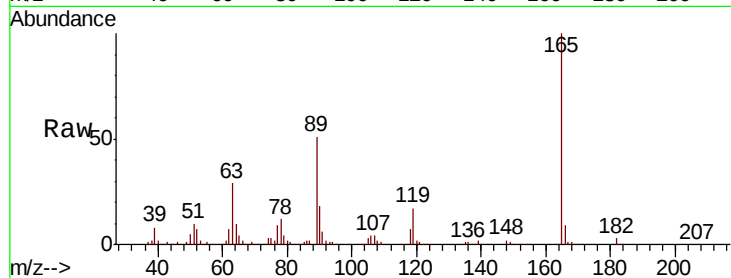




#57
 2,4-Dinitrotoluene
 Concen: 39.005 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

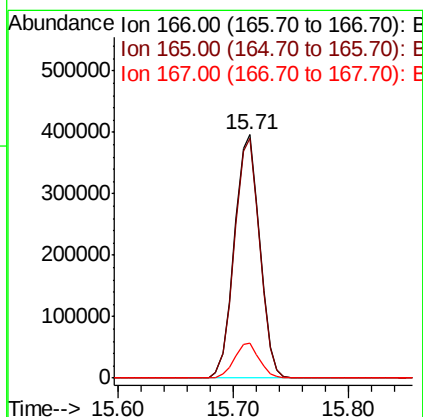
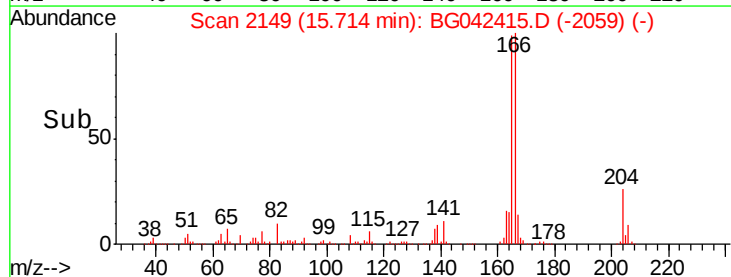
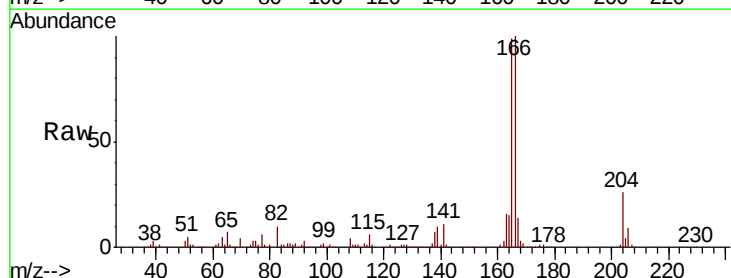
Instrument :
 BNA_G
 ClientSampled :

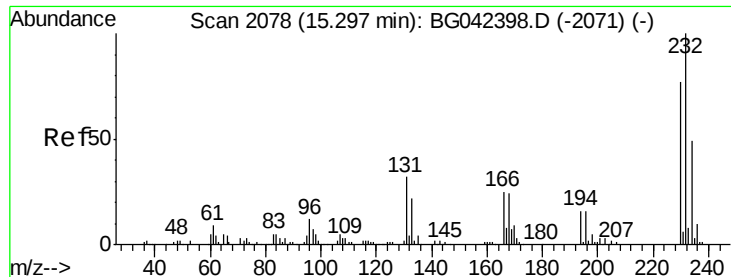
Tot Ion:165	Resp:	204833
Ion Ratio	Lower	Upper
165	100	
63	28.8	22.5 33.7
89	50.5	37.8 56.6
182	3.3	3.0 4.4



#58
 Fluorene
 Concen: 39.818 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion:166	Resp:	601554
Ion Ratio	Lower	Upper
166	100	
165	98.5	79.7 119.5
167	14.5	10.9 16.3

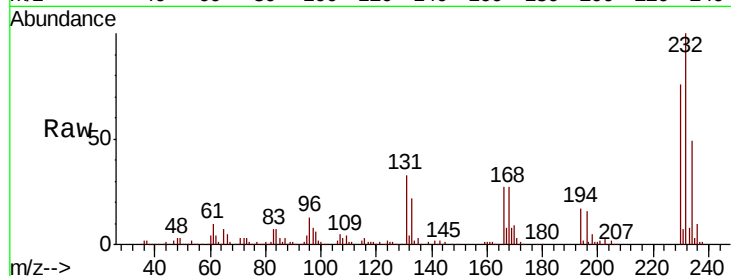




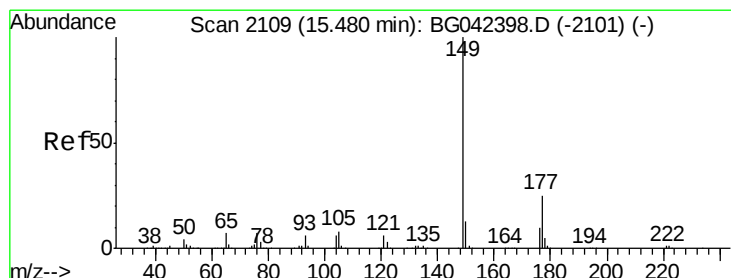
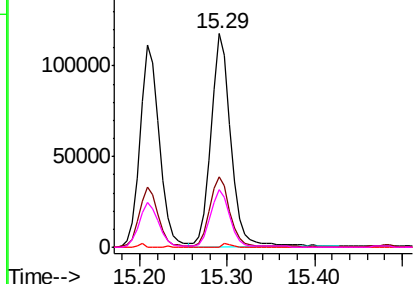
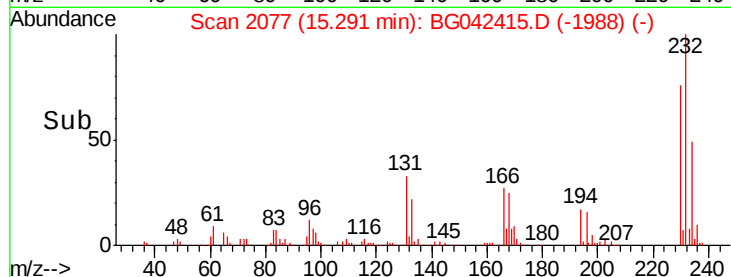
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.168 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	186172
Ion Ratio	Lower	Upper
232	100	
131	33.3	22.9 34.3
130	0.7	1.4 2.0#
166	26.5	17.0 25.4#

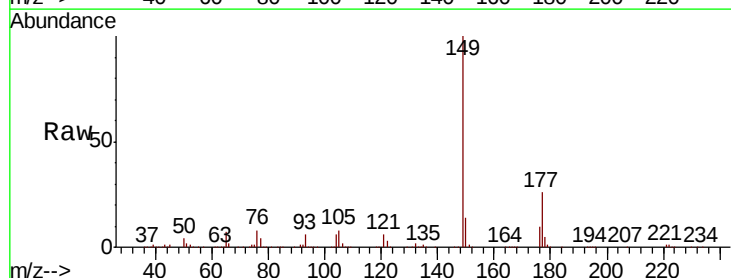


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

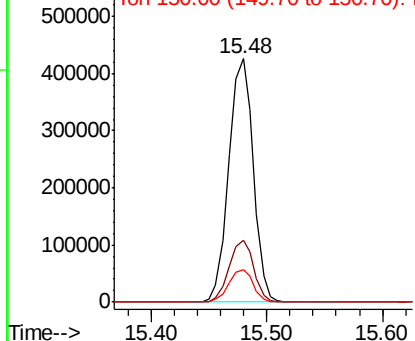
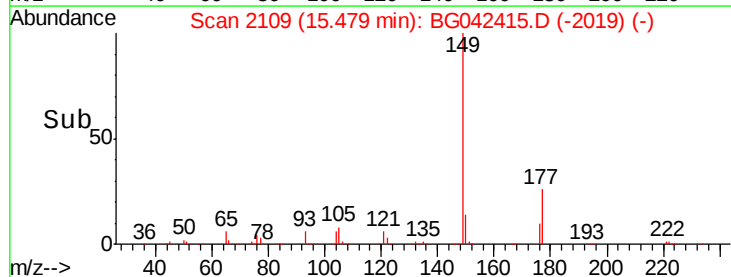


#60
 Diethylphthalate
 Concen: 40.361 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion:149	Resp:	624237
Ion Ratio	Lower	Upper
149	100	
177	25.6	20.4 30.6
150	13.6	10.3 15.5



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

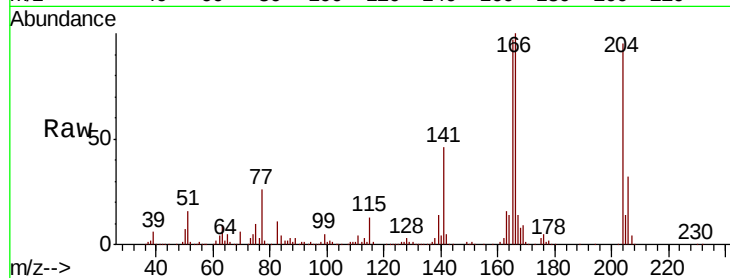




#61
4-Chlorophenyl-phenylether
Concen: 37.768 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.2	40.8
141	48.8	38.7	58.1

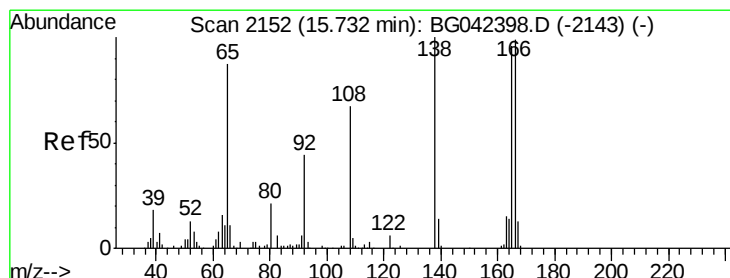
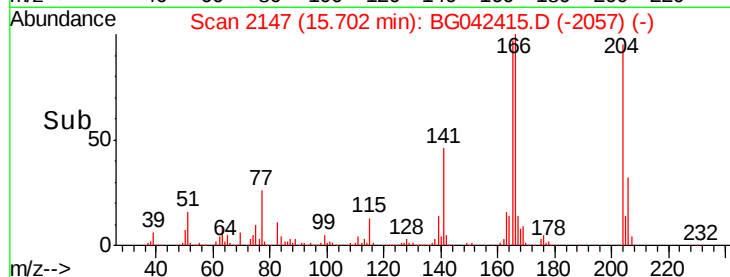
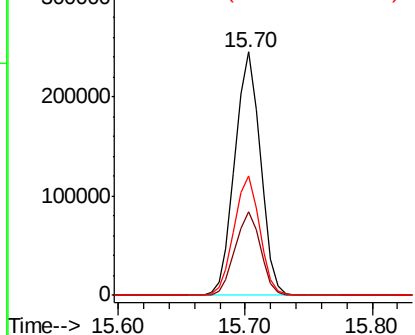


Abundance

Ion 204.00 (203.70 to 204.70): E

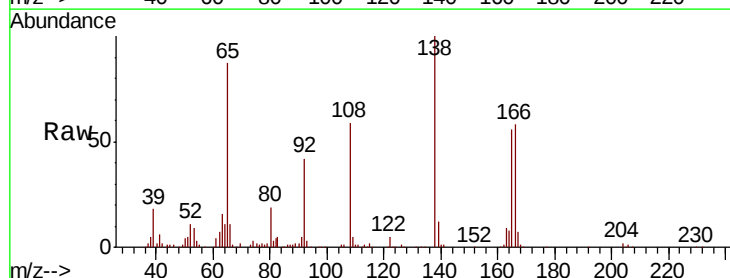
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.043 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.6	24.2	64.2
108	59.1	46.8	86.8

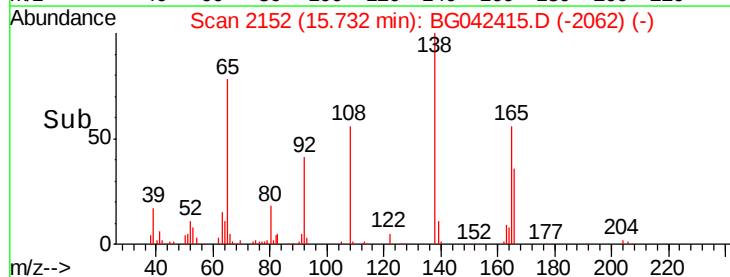
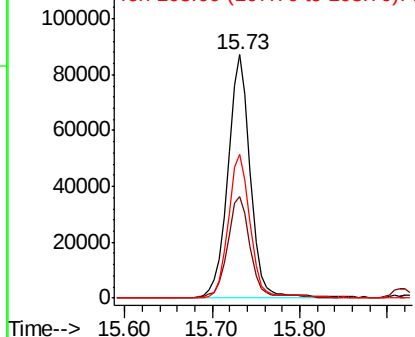


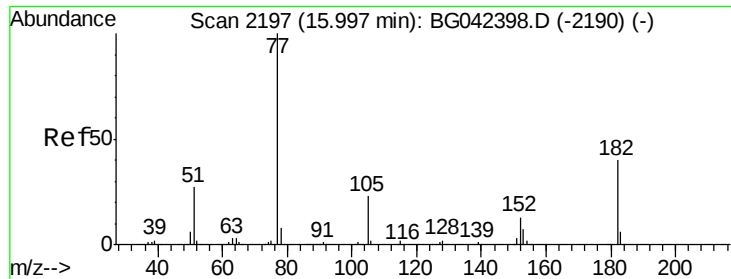
Abundance

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

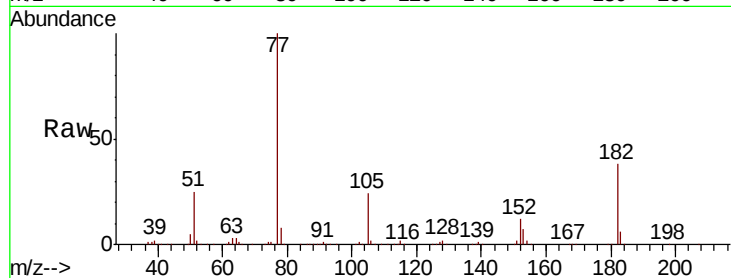




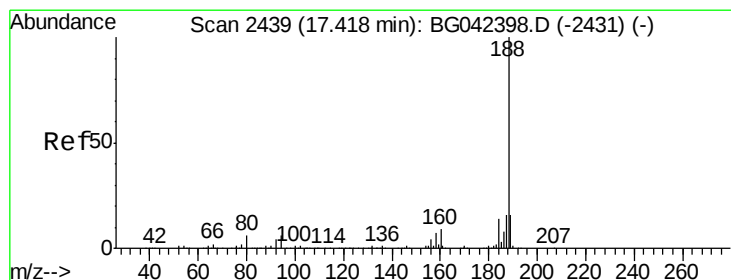
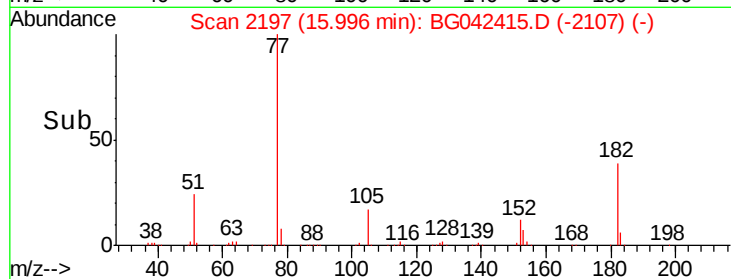
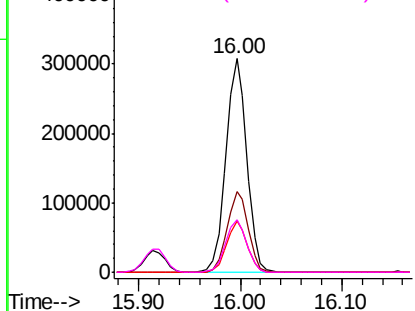
#63
Azobenzene
Concen: 41.122 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	435807
Ion	Ratio	Lower	Upper
77	100		
182	37.7	19.9	59.9
105	23.7	2.9	42.9
51	24.7	7.6	47.6

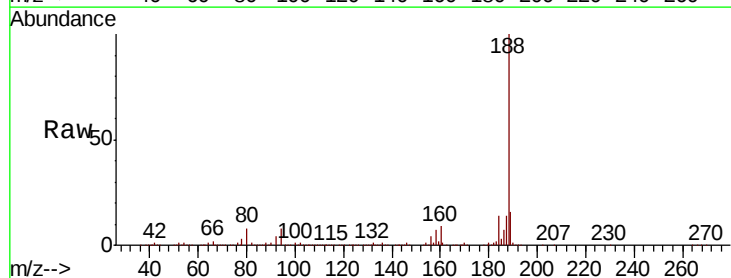


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

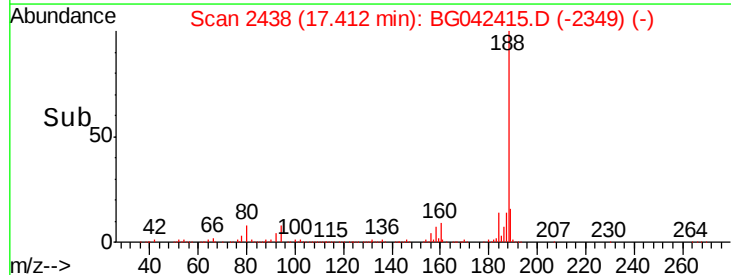
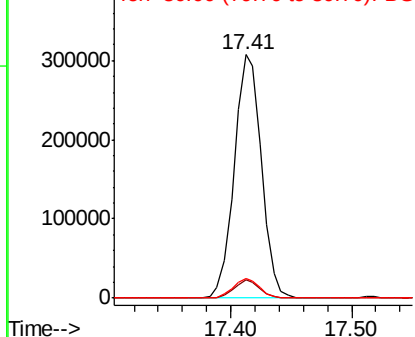


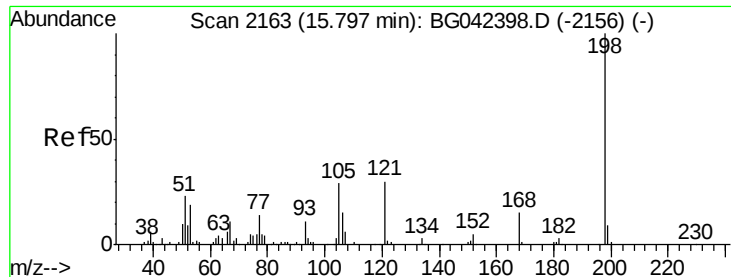
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion:	188	Resp:	480582
Ion	Ratio	Lower	Upper
188	100		
94	7.7	4.5	6.7#
80	8.0	4.9	7.3#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 22.564 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampled :

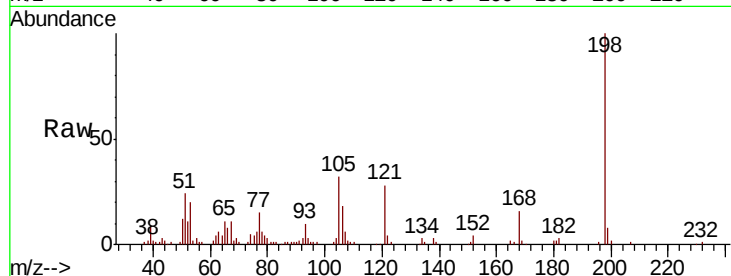
Tot Ion:198 Resp: 67987

Ion	Ratio	Lower	Upper
198	100		
51	24.4	4.2	44.2
105	31.5	8.8	48.8

198 100

51 24.4 4.2 44.2

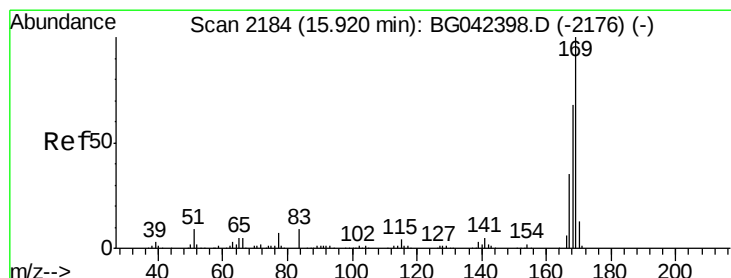
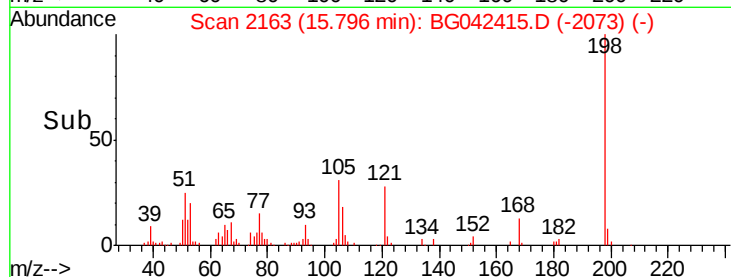
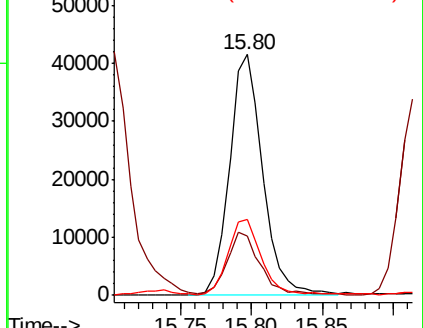
105 31.5 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.620 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

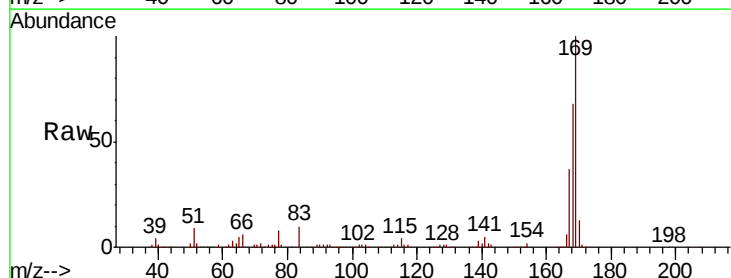
Tgt Ion:169 Resp: 550068

Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.3	81.5
167	36.8	28.2	42.2

169 100

168 68.4 54.3 81.5

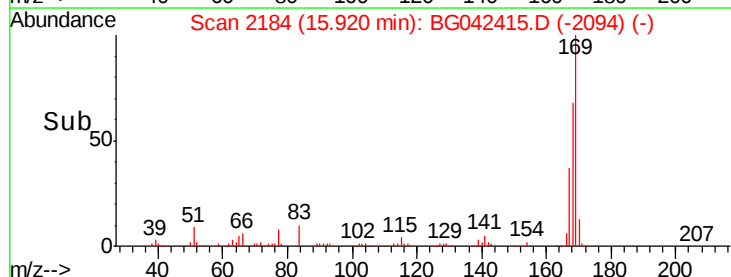
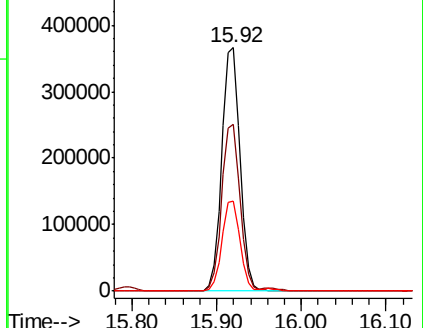
167 36.8 28.2 42.2

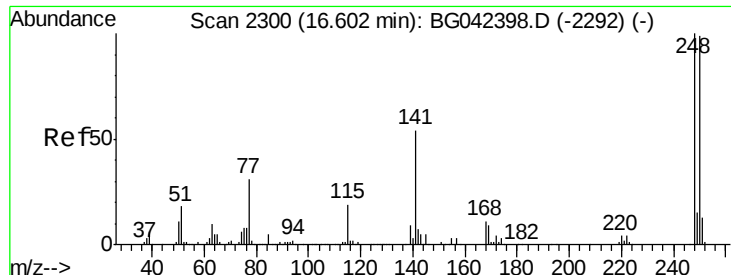


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

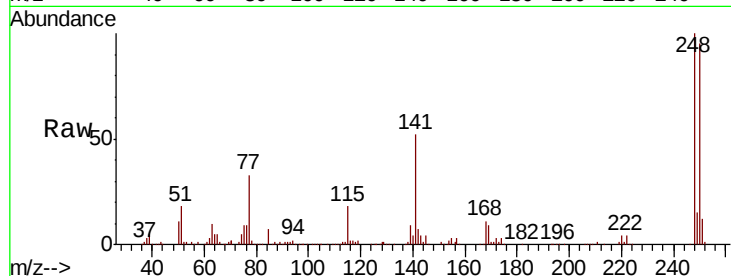




#67
 4-Bromophenyl-phenylether
 Concen: 38.839 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.9	118.3
141	52.4	43.3	64.9

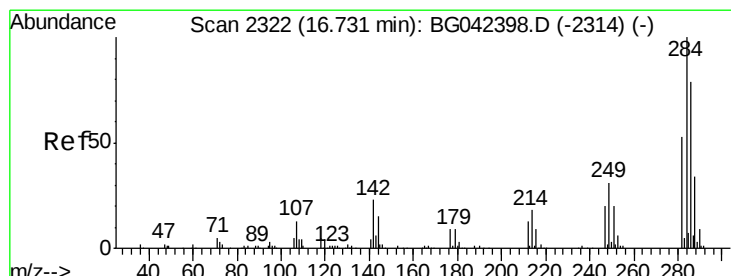
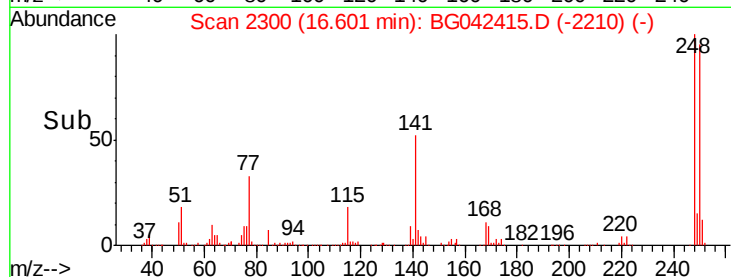
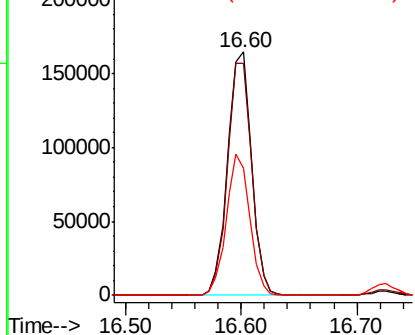


Abundance

Ion 248.00 (247.70 to 248.70): E

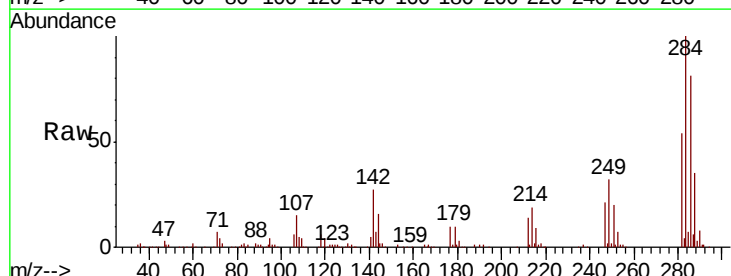
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.544 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	18.2	27.4
249	32.3	25.0	37.4

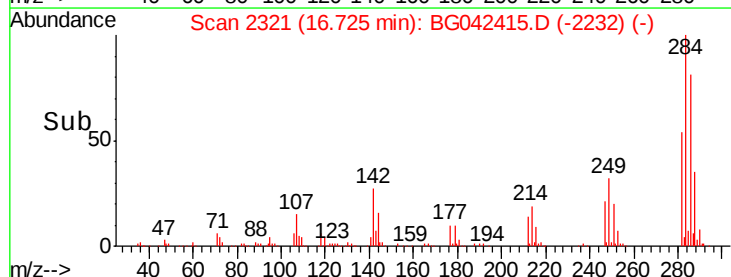
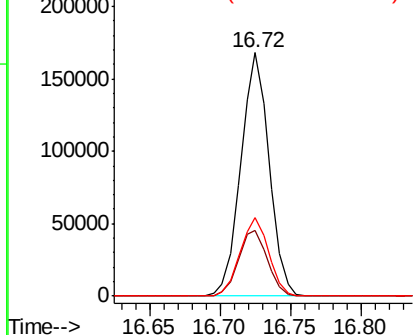


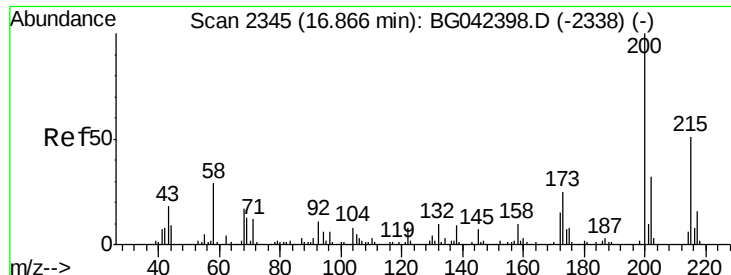
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.351 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

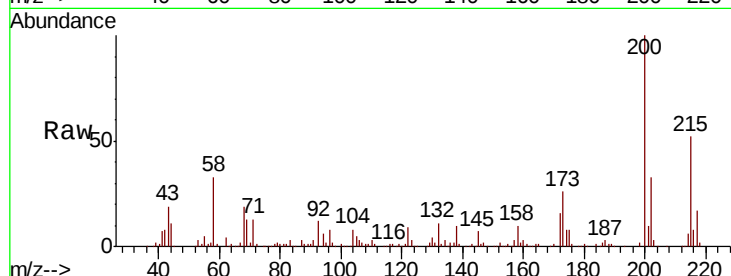
Tot Ion:200 Resp: 202610

Ion Ratio Lower Upper

200 100

173 26.2 4.9 44.9

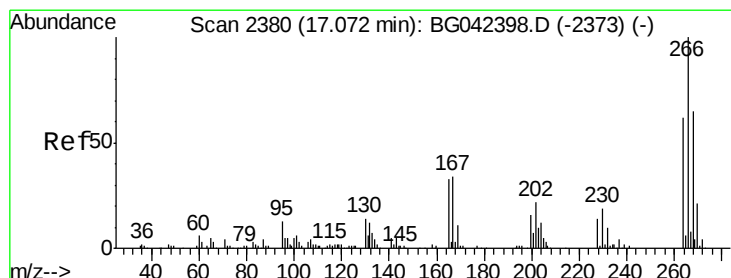
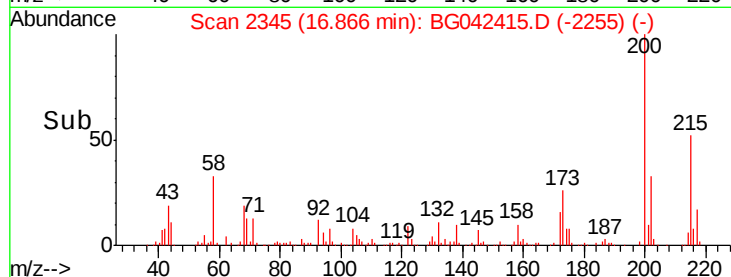
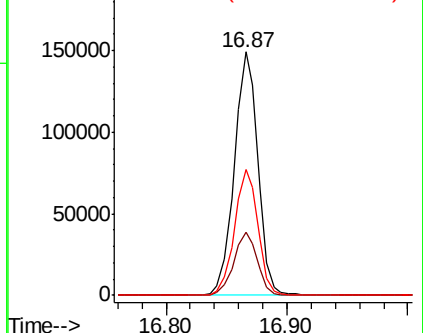
215 51.6 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 66.722 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

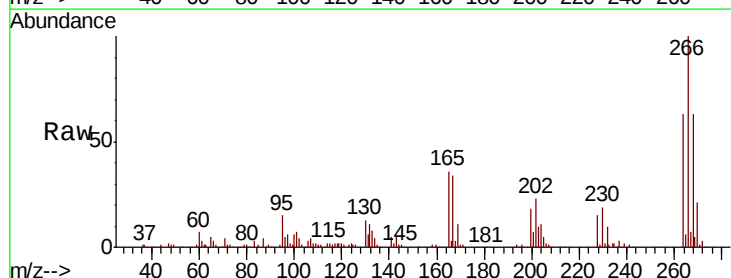
Tgt Ion:266 Resp: 229730

Ion Ratio Lower Upper

266 100

268 63.3 52.1 78.1

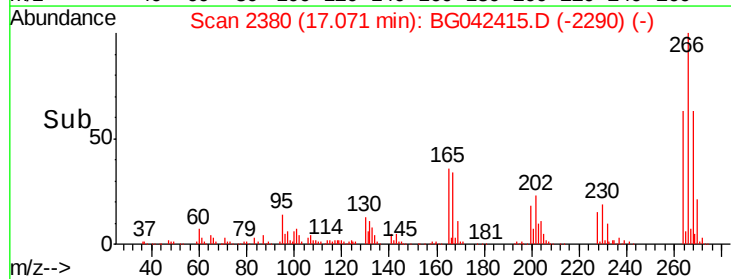
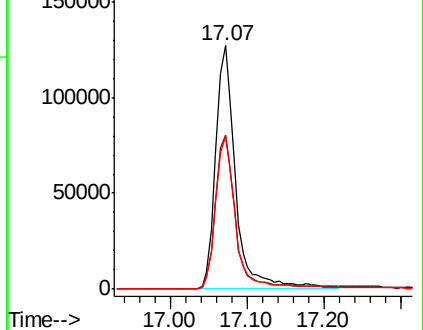
264 62.8 49.4 74.2

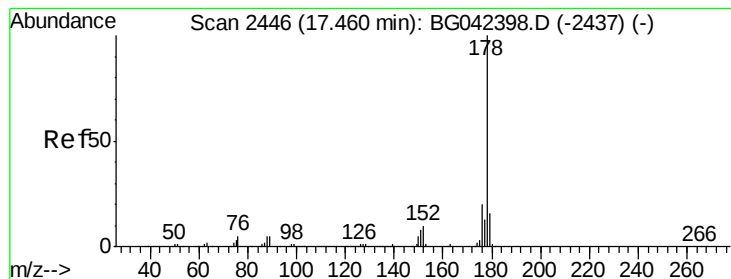


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.891 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

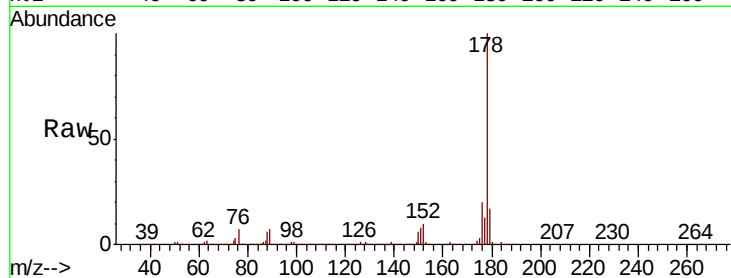
Tot Ion:178 Resp: 952251

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

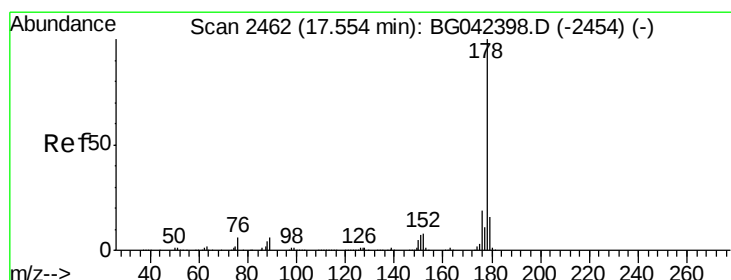
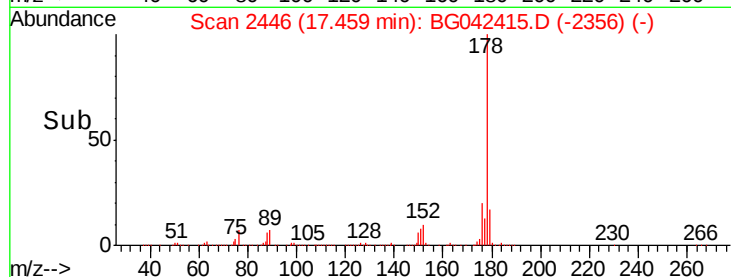
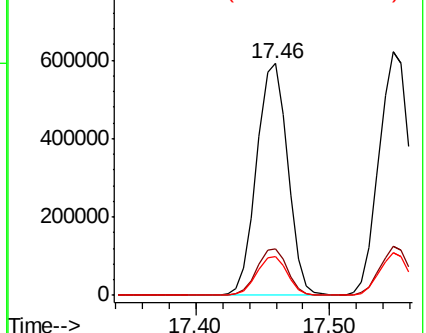
179 16.8 12.7 19.1



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: 41.566 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

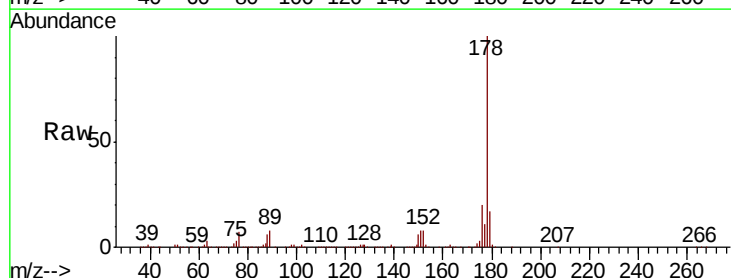
Tgt Ion:178 Resp: 990551

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

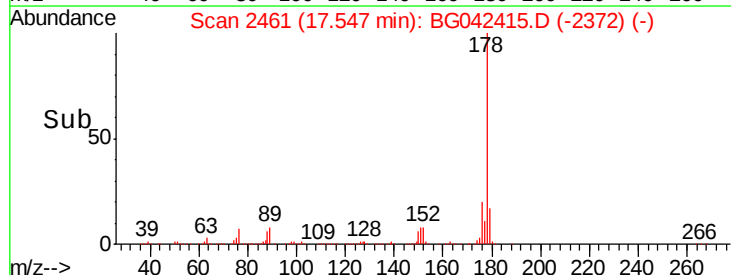
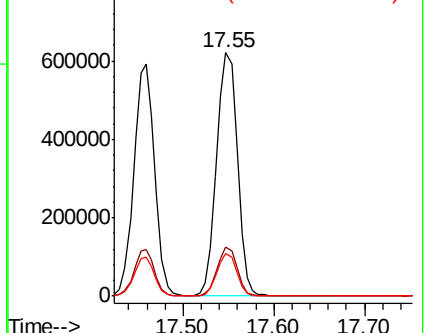
179 17.4 12.9 19.3

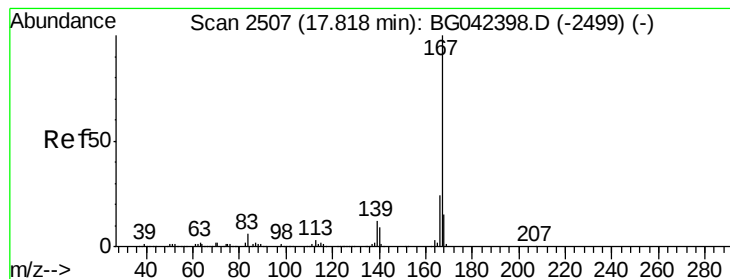


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.054 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

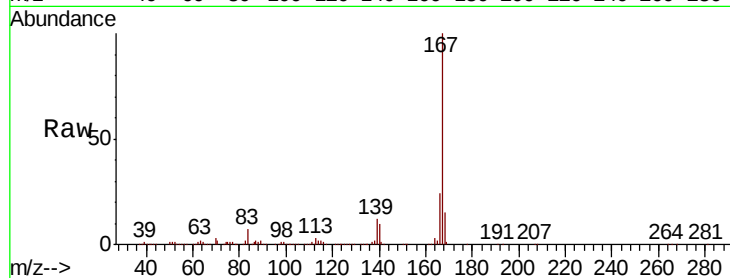
Tot Ion:167 Resp: 893177

Ion Ratio Lower Upper

167 100

166 24.3 18.9 28.3

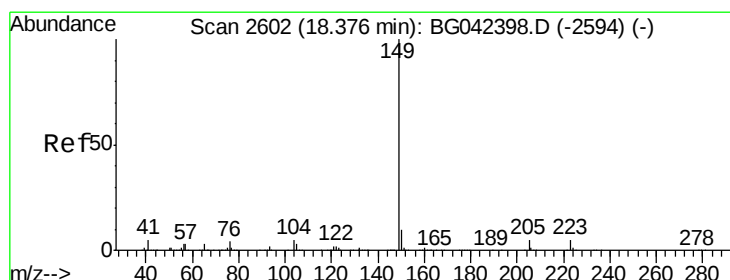
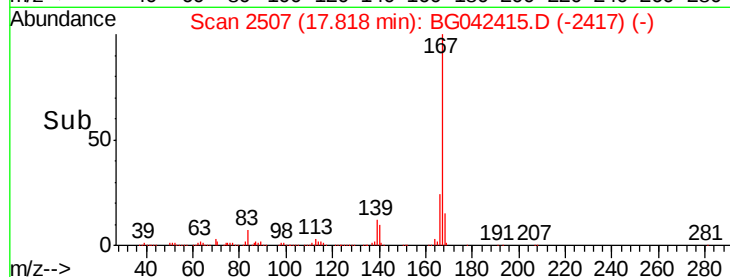
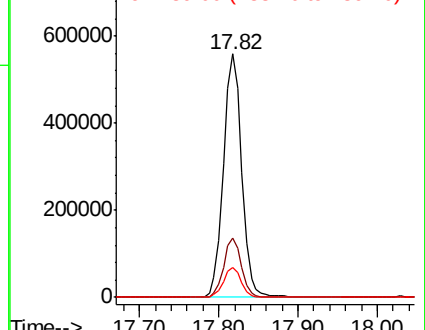
139 12.4 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.982 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

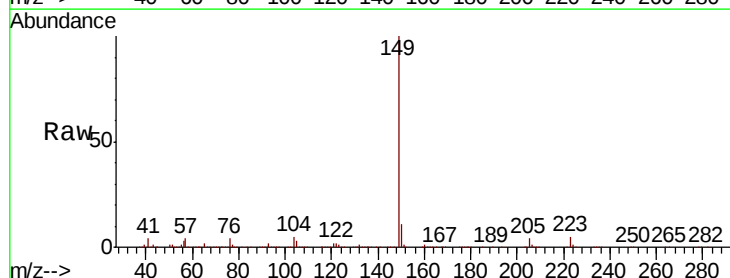
Tgt Ion:149 Resp: 1028913

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

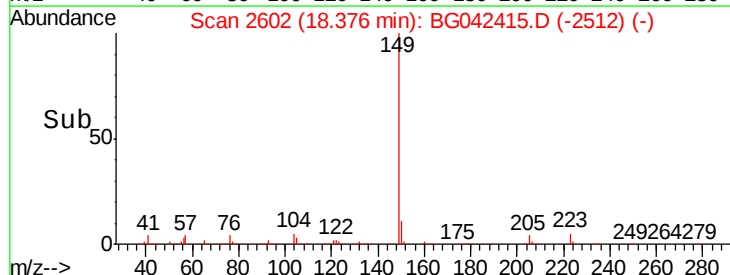
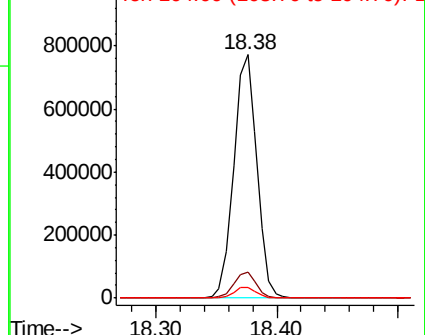
104 4.6 3.7 5.5

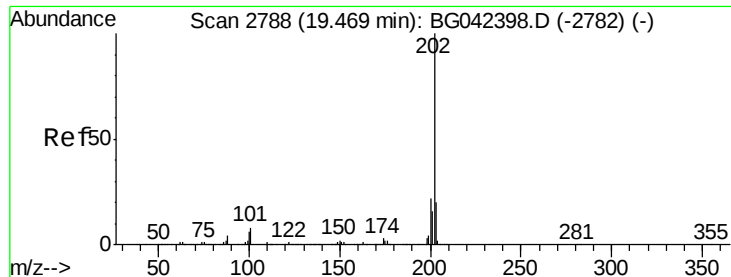


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.374 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampled :

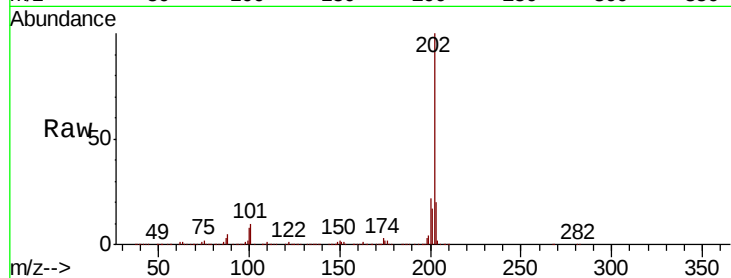
Tot Ion:202 Resp: 1205356

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.3

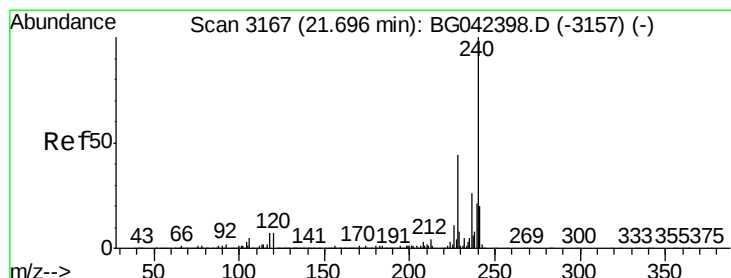
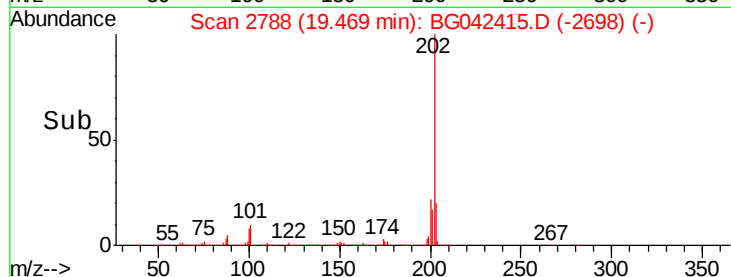
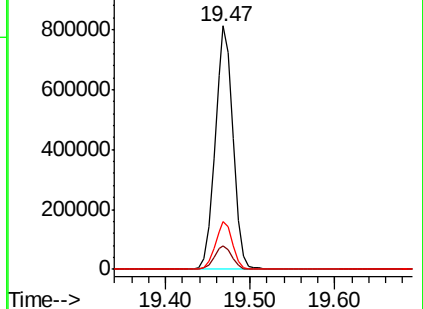
203 19.6 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

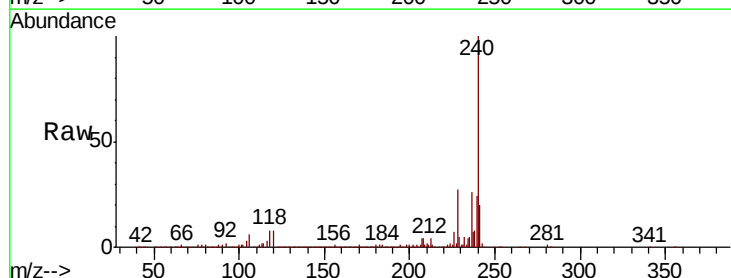
Tgt Ion:240 Resp: 474186

Ion Ratio Lower Upper

240 100

120 8.5 5.7 8.5

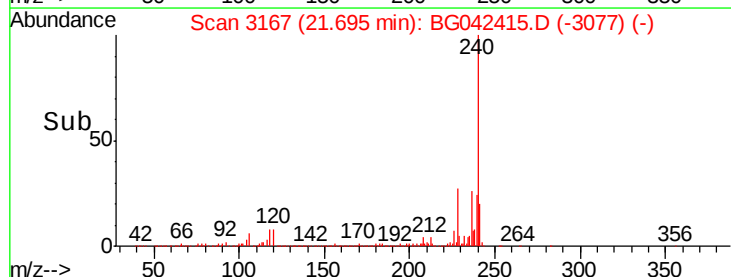
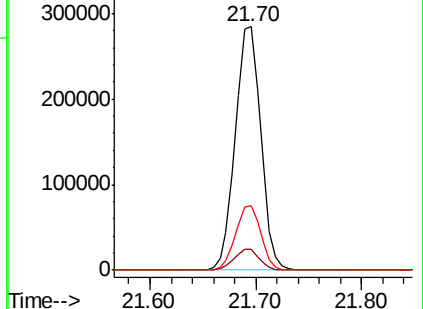
236 26.3 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.950 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

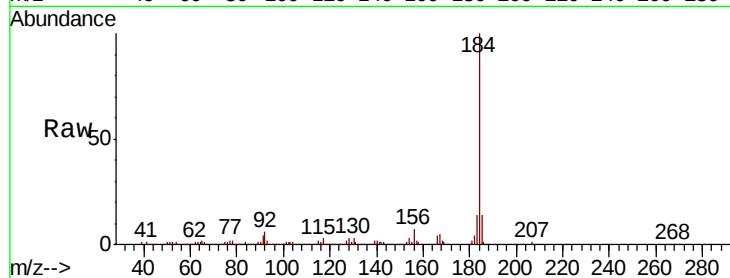
Tot Ion:184 Resp: 475152

Ion Ratio Lower Upper

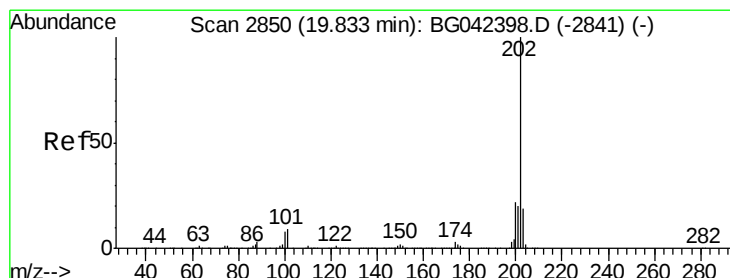
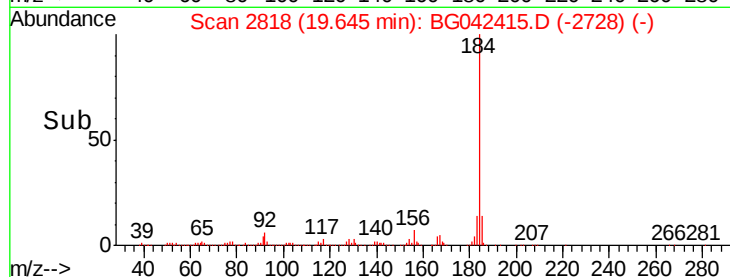
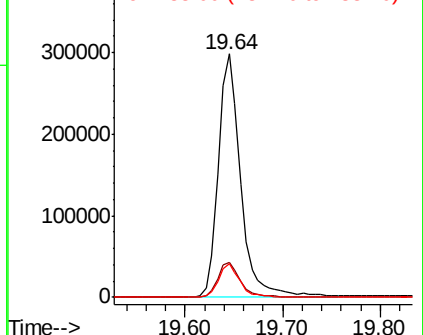
184 100

185 14.5 12.2 18.4

183 13.7 10.8 16.2



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



#78

Pyrene

Concen: 42.453 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

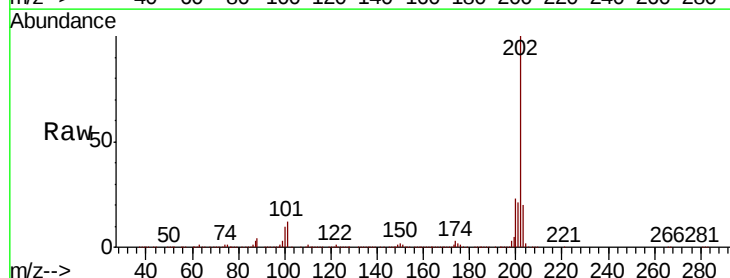
Tgt Ion:202 Resp: 1234184

Ion Ratio Lower Upper

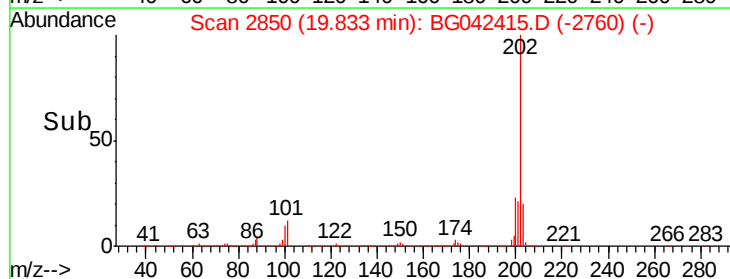
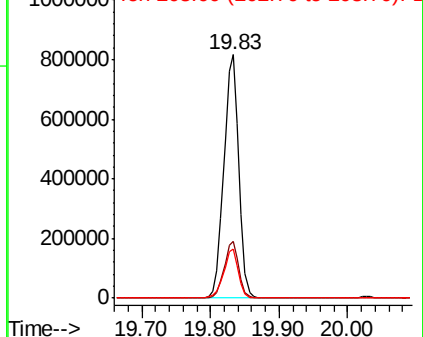
202 100

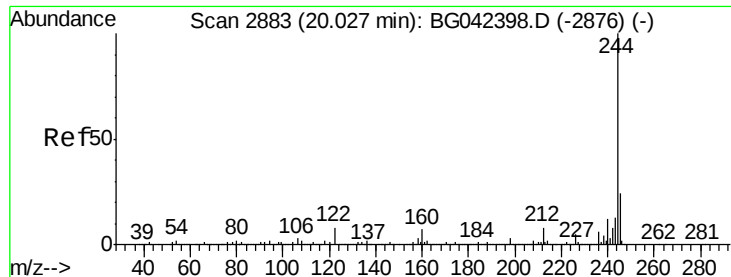
200 23.5 17.8 26.6

203 20.1 15.5 23.3



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





#79

Terphenyl-d14

Concen: 74.249 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

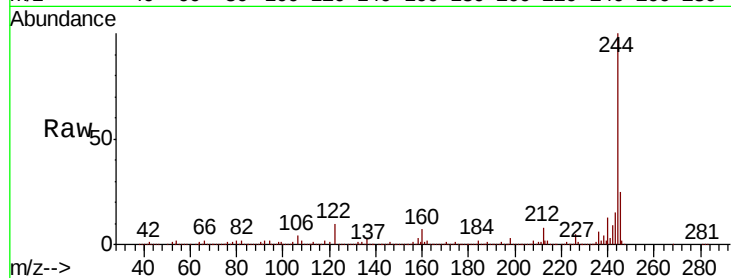
Tot Ion:244 Resp: 1628553

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

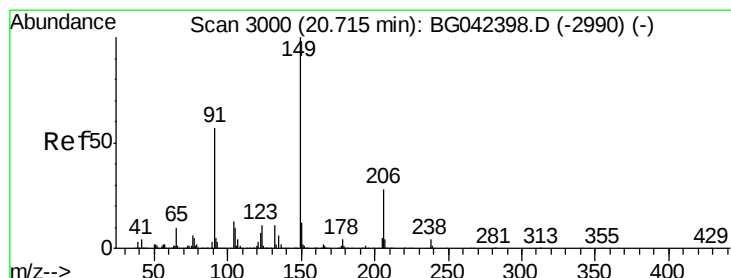
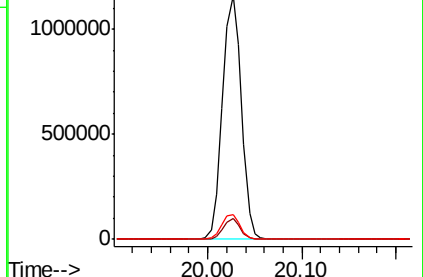
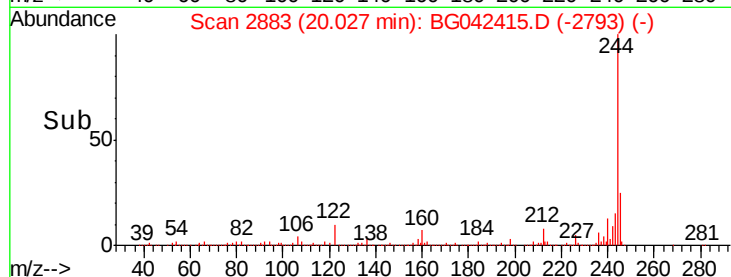
122 10.3 6.7 10.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.851 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

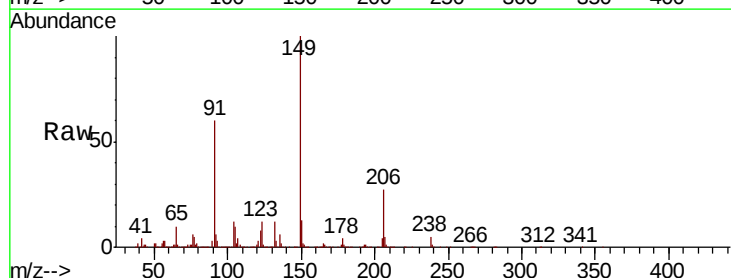
Tgt Ion:149 Resp: 512858

Ion Ratio Lower Upper

149 100

91 60.4 45.9 68.9

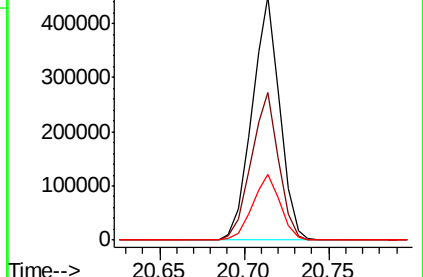
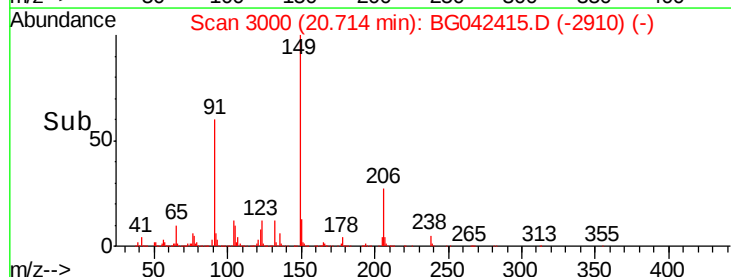
206 27.1 22.5 33.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

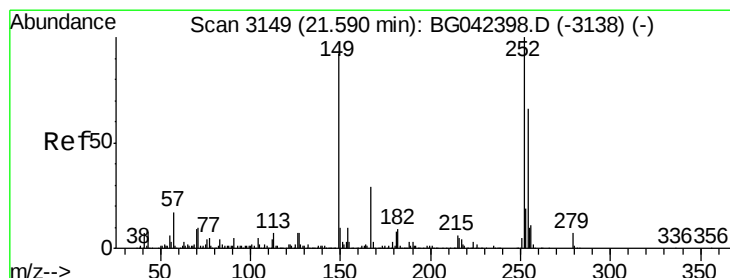
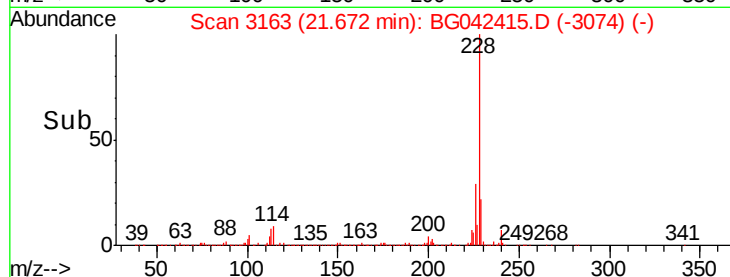
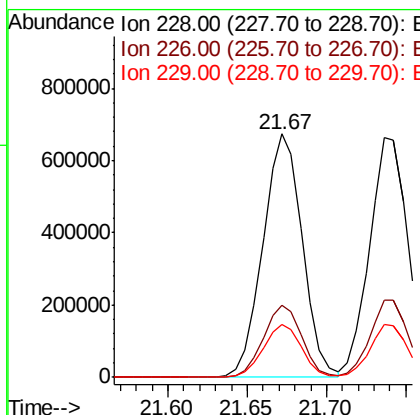
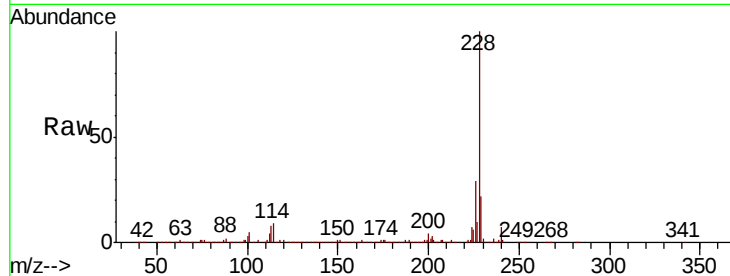




#81
Benzo(a)anthracene
Concen: 40.232 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

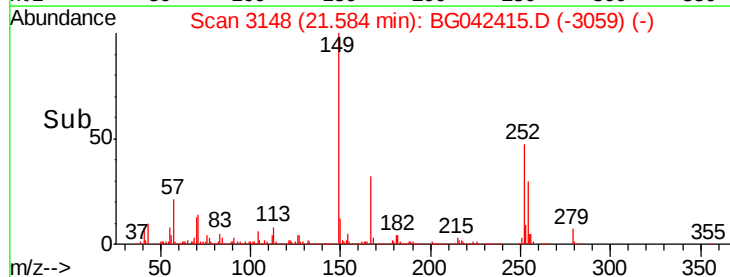
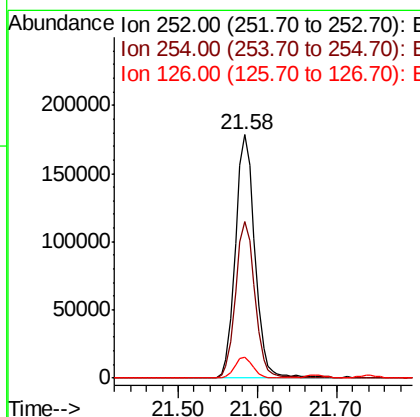
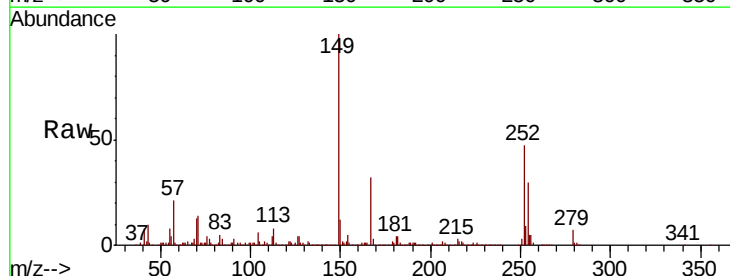
Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1160521
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 22.0 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 26.199 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion:252 Resp: 303937
Ion Ratio Lower Upper
252 100
254 64.4 53.0 79.4
126 8.6 5.7 8.5#



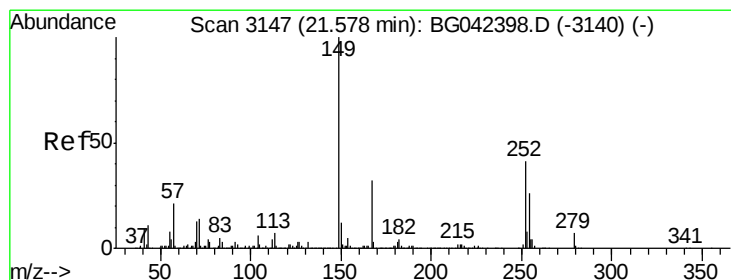
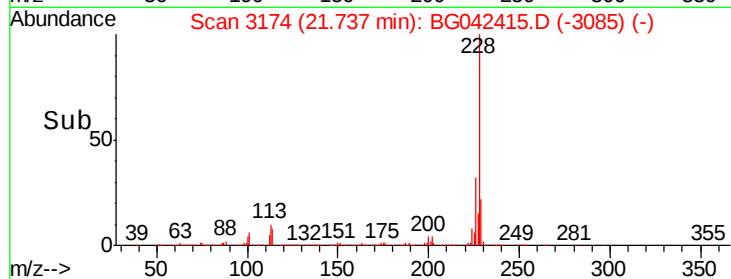
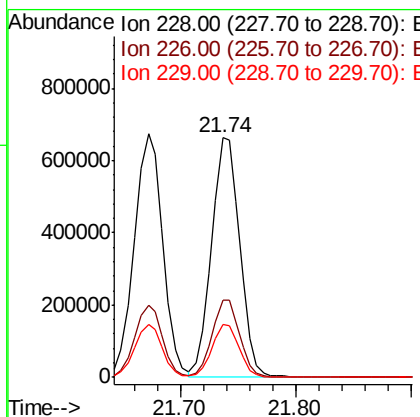
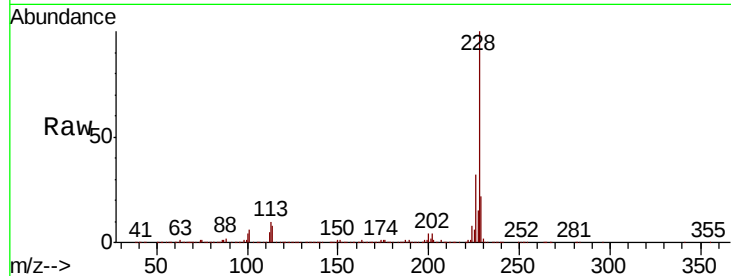


#83
 Chrysene
 Concen: 40.284 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1120671

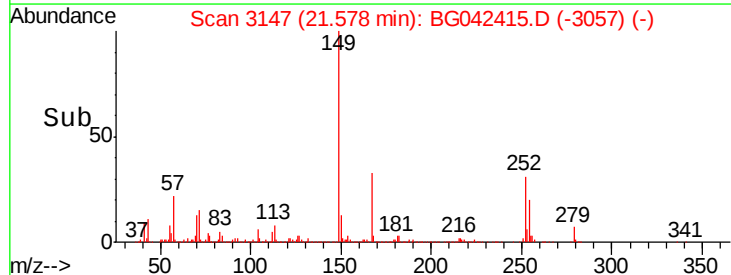
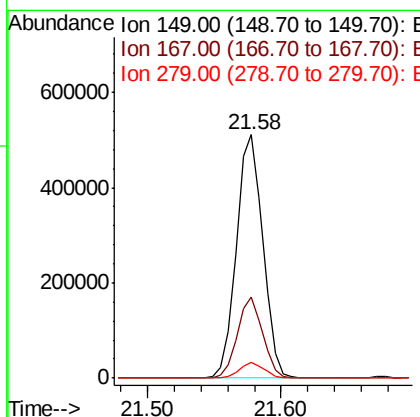
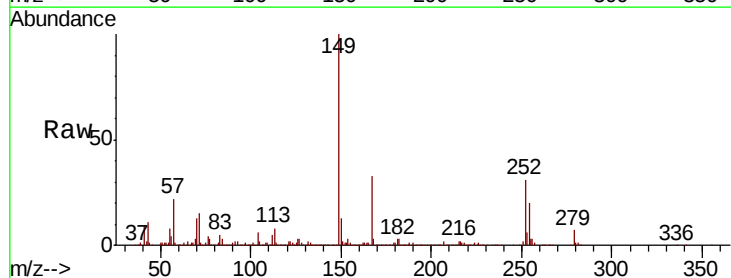
Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	22.3	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.067 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042415.D
 Acq: 23 Aug 2019 00:07

Tgt Ion:149 Resp: 699629

Ion	Ratio	Lower	Upper
149	100		
167	33.2	26.0	39.0
279	6.6	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 40.054 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampleId :

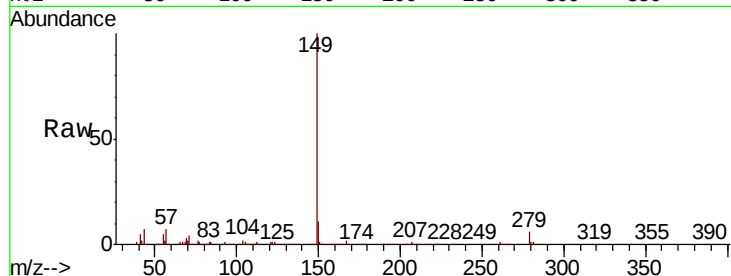
Tot Ion:149 Resp: 1093718

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

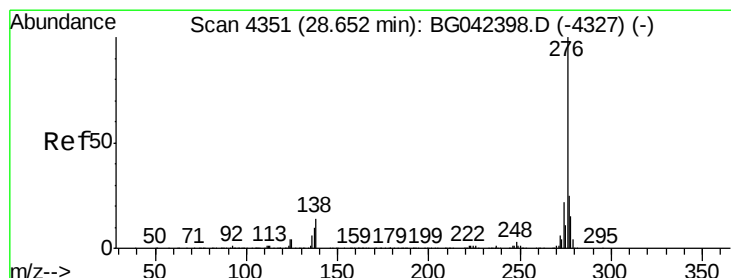
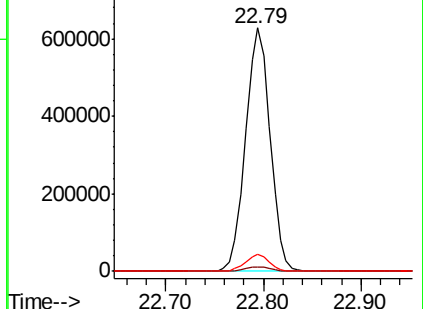
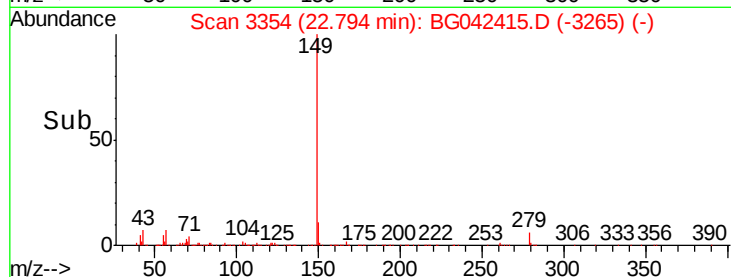
43 6.7 5.3 7.9



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: 40.847 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

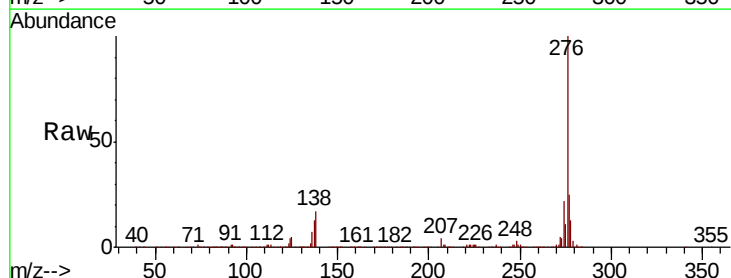
Tgt Ion:276 Resp: 1544239

Ion Ratio Lower Upper

276 100

138 21.4 9.2 13.8#

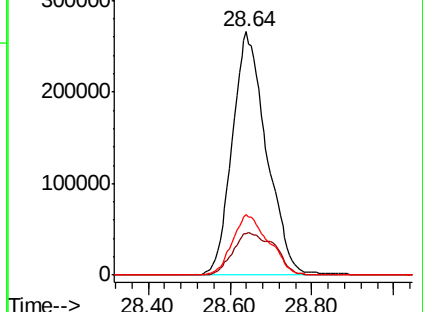
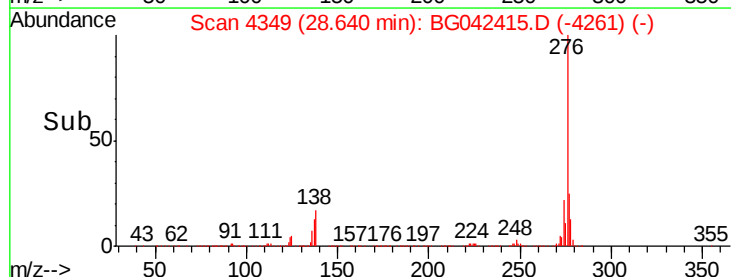
277 26.4 21.0 31.6

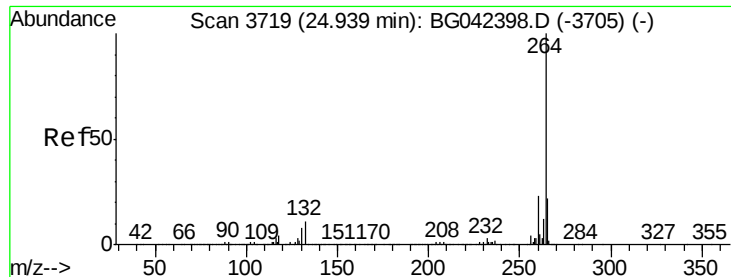


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Instrument :

BNA_G

ClientSampled :

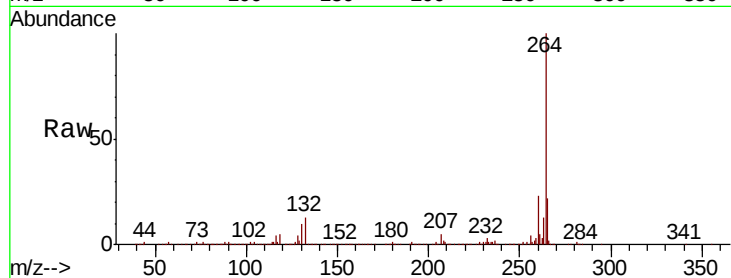
Tot Ion:264 Resp: 550803

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

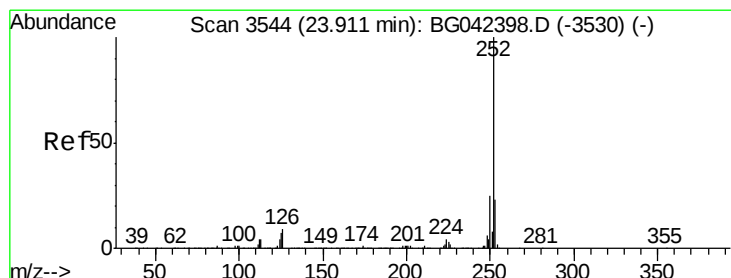
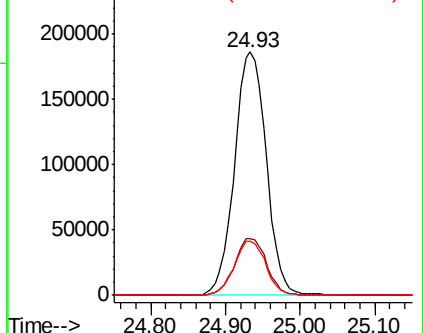
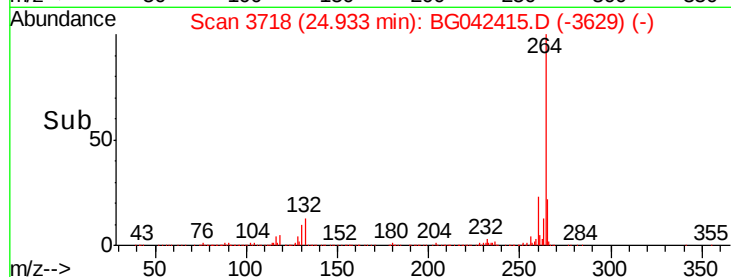
265 22.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.027 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

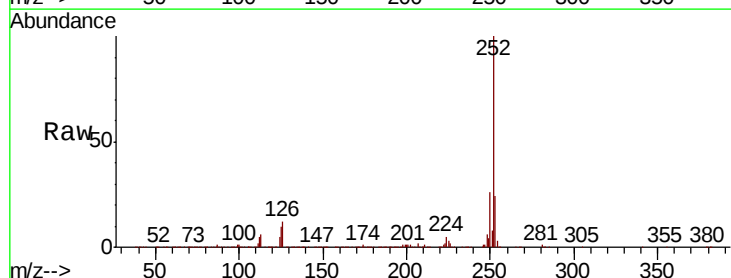
Tgt Ion:252 Resp: 1393745

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

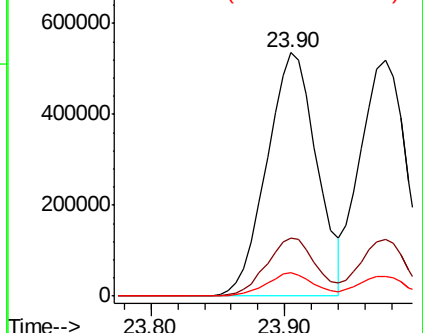
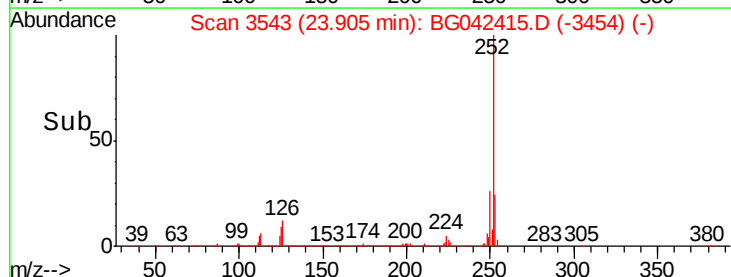
125 9.5 5.6 8.4#

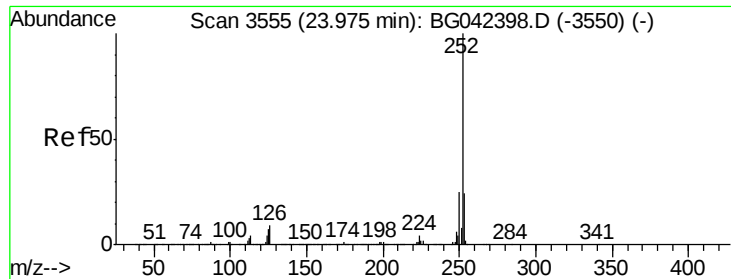


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

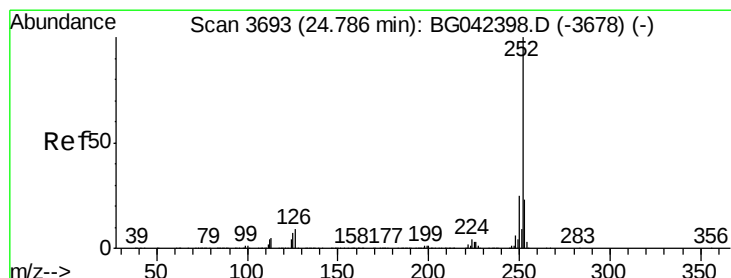
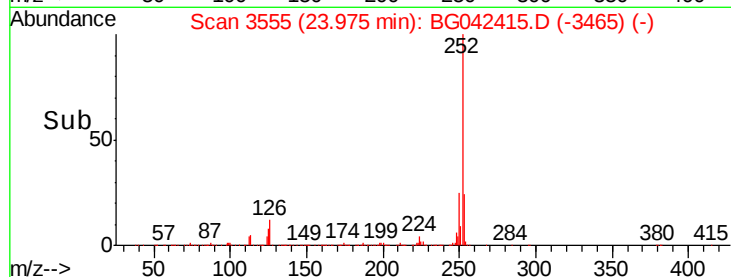
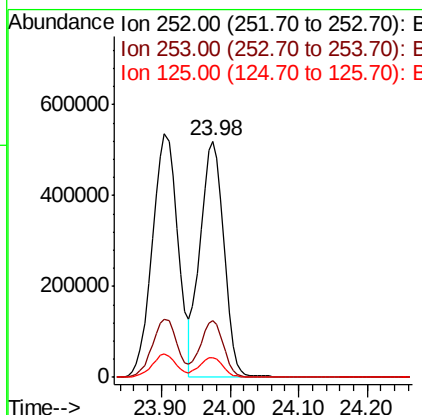
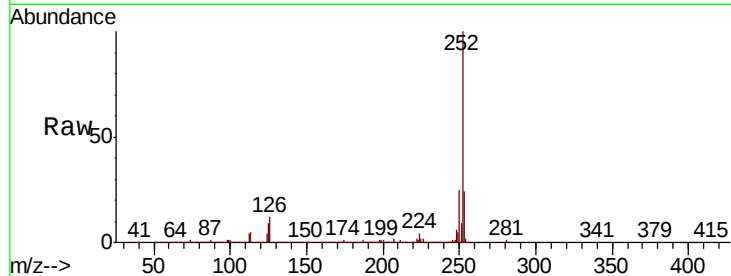




#89
Benzo(k)fluoranthene
Concen: 43.151 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

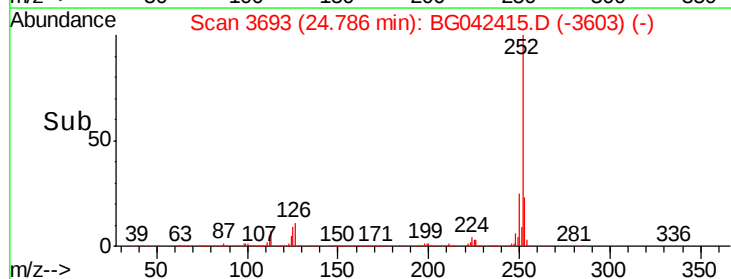
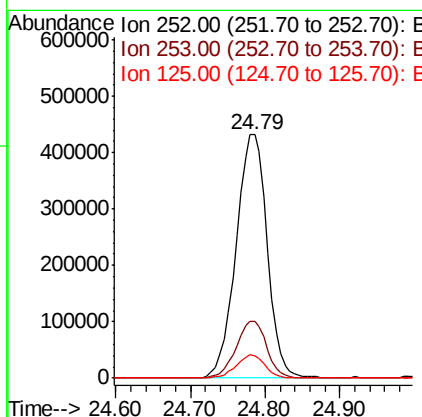
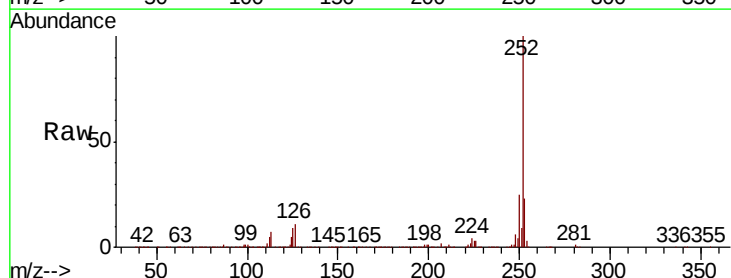
Instrument :
BNA_G
ClientSampleId :

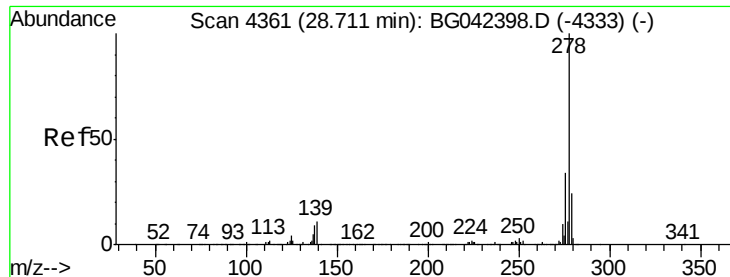
Tot Ion:252 Resp: 1255992
Ion Ratio Lower Upper
252 100
253 24.2 18.6 27.8
125 8.5 5.8 8.6



#90
Benzo(a)pyrene
Concen: 43.512 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG042415.D
Acq: 23 Aug 2019 00:07

Tgt Ion:252 Resp: 1250286
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 9.2 6.0 9.0#





#91

Dibenzo(a,h)anthracene

Concen: 43.450 ng

RT: 28.70 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

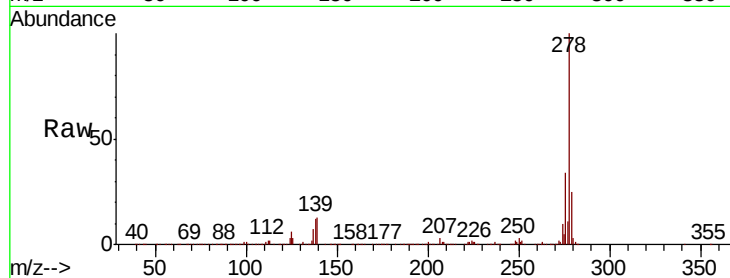
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1264130

Ion	Ratio	Lower	Upper
278	100		
139	13.1	8.8	13.2
279	25.2	19.1	28.7

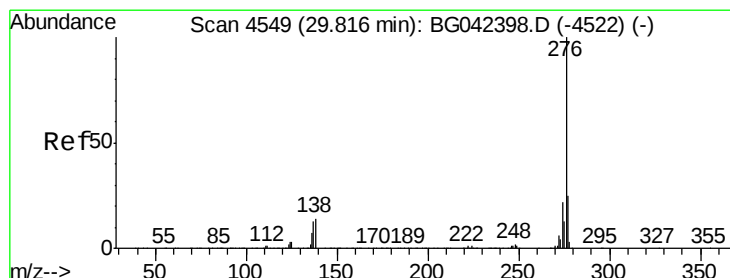
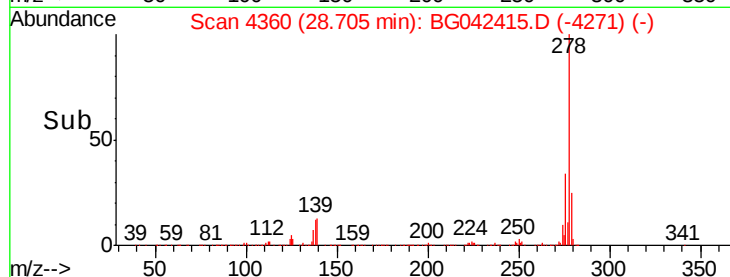
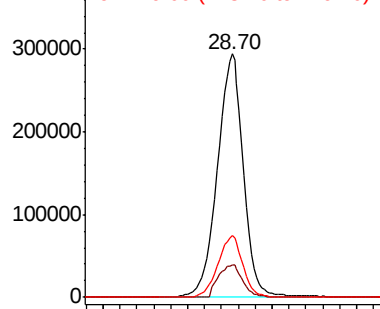


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.496 ng

RT: 29.80 min Scan# 4547

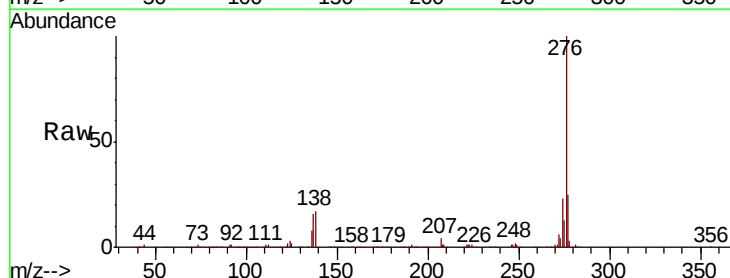
Delta R.T. -0.01 min

Lab File: BG042415.D

Acq: 23 Aug 2019 00:07

Tgt Ion:276 Resp: 1207458

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	17.4	11.4	17.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

