

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042844.D
 Acq On : 16 Sep 2019 11:30
 Operator : HP/JU
 Sample : PB123101BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:17:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	73159	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	314540	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	234295	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	603440	20.00	ng	0.00
76) Chrysene-d12	21.76	240	608923	20.00	ng	0.00
87) Perylene-d12	25.03	264	616970	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	536029	127.38	ng	0.00
7) Phenol-d6	7.27	99	768905	127.30	ng	0.00
23) Nitrobenzene-d5	9.28	82	438210	72.53	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	390322	125.22	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1023066	69.12	ng	0.00
79) Terphenyl-d14	20.08	244	2023942	73.66	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	70799	36.865	ng	97
3) Pyridine	3.98	79	181032	31.308	ng	95
4) n-Nitrosodimethylamine	3.89	42	109670	38.978	ng	83
6) Aniline	7.44	93	284543	34.917	ng	97
8) 2-Chlorophenol	7.68	128	220469	48.469	ng	97
9) Benzaldehyde	7.25	77	139207	35.417	ng	96
10) Phenol	7.30	94	305615	49.339	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	204948	43.112	ng	97
12) 1,3-Dichlorobenzene	8.01	146	226178	40.768	ng	97
13) 1,4-Dichlorobenzene	8.15	146	225105	40.527	ng	98
14) 1,2-Dichlorobenzene	8.48	146	215756	40.806	ng	98
15) Benzyl Alcohol	8.35	79	237249	45.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	392054	37.555	ng	97
17) 2-Methylphenol	8.55	107	201200	48.552	ng	97
18) Hexachloroethane	9.21	117	81142	39.569	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	188781	42.417	ng	95
20) 3+4-Methylphenols	8.88	107	281982	49.363	ng	97
22) Acetophenone	8.94	105	329952	41.536	ng	# 96
24) Nitrobenzene	9.32	77	273439	43.119	ng	95
25) Isophorone	9.85	82	528780	41.989	ng	98
26) 2-Nitrophenol	10.03	139	119834	48.055	ng	94
27) 2,4-Dimethylphenol	10.09	122	227122	51.489	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	296163	42.171	ng	99
29) 2,4-Dichlorophenol	10.57	162	242847	47.376	ng	100
30) 1,2,4-Trichlorobenzene	10.79	180	246082	39.321	ng	99
31) Naphthalene	10.98	128	658125	42.378	ng	99
32) Benzoic acid	10.20	122	146572	41.942	ng	97
33) 4-Chloroaniline	11.07	127	209391	28.847	ng	98
34) Hexachlorobutadiene	11.27	225	164935	37.615	ng	95
35) Caprolactam	11.84	113	57156	29.985	ng	88
36) 4-Chloro-3-methylphenol	12.18	107	273208	49.088	ng	93
37) 2-Methylnaphthalene	12.57	142	503187	43.254	ng	98
38) 1-Methylnaphthalene	12.79	142	473531	43.400	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	306529	39.592	ng	99

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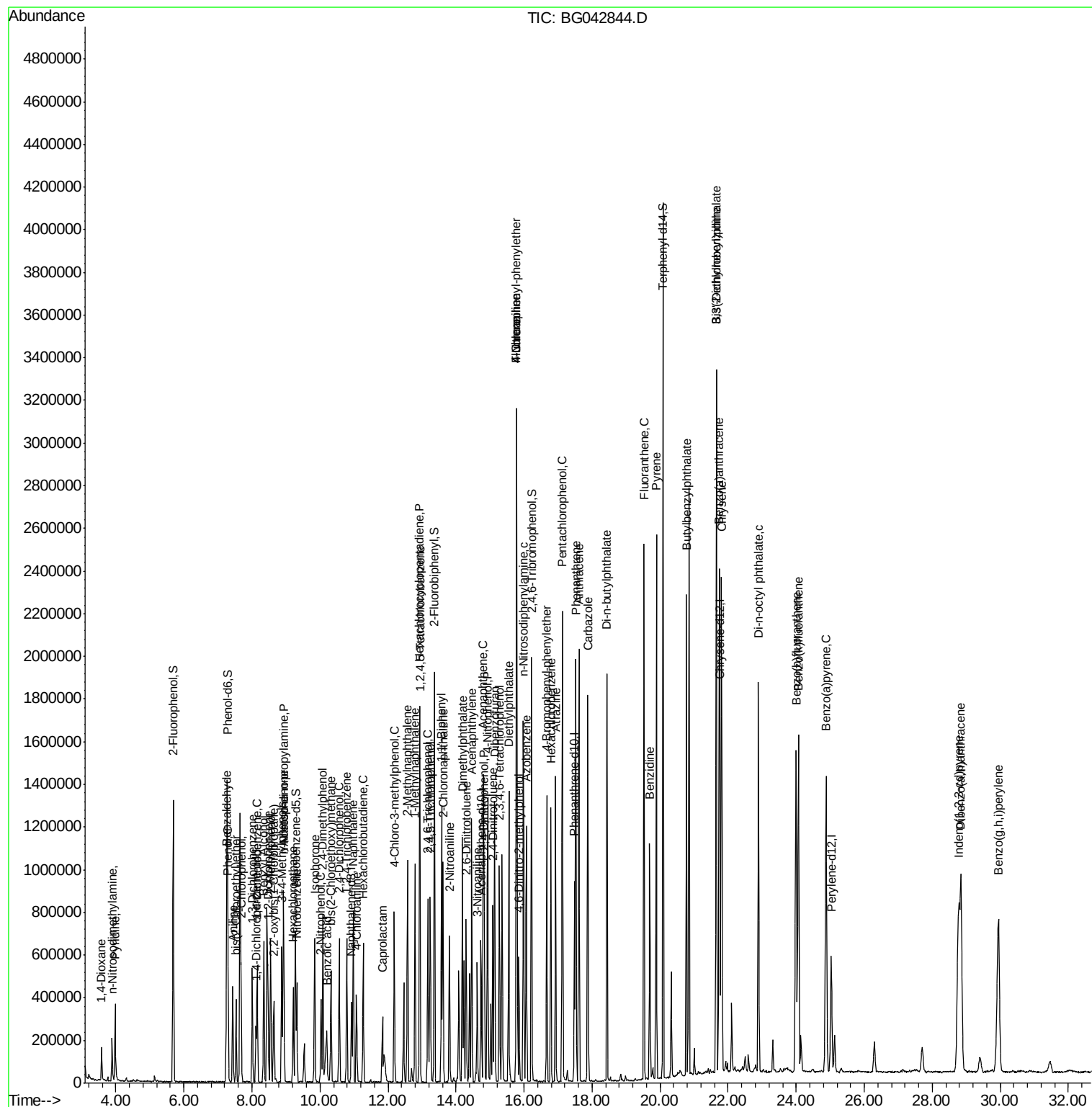
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	368308	83.041	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	226673	43.977	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	244657	46.340	nq	95
46) 1,1'-Biphenyl	13.57	154	691487	42.159	nq	98
47) 2-Chloronaphthalene	13.62	162	539867	39.789	nq	98
48) 2-Nitroaniline	13.81	65	211051	44.840	nq	97
49) Acenaphthylene	14.46	152	889114	42.881	nq	99
50) Dimethylphthalate	14.19	163	745035	42.448	nq	100
51) 2,6-Dinitrotoluene	14.30	165	170678	47.392	nq	91
52) Acenaphthene	14.80	154	636996	47.025	nq	97
53) 3-Nitroaniline	14.62	138	135565	33.539	nq	# 98
54) 2,4-Dinitrophenol	14.83	184	190399	107.392	nq	# 72
55) Dibenzofuran	15.13	168	868231	43.122	nq	98
56) 4-Nitrophenol	14.93	139	323335	103.461	nq	94
57) 2,4-Dinitrotoluene	15.09	165	246584	51.367	nq	# 93
58) Fluorene	15.78	166	731459	43.835	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	243661	47.609	nq	92
60) Diethylphthalate	15.55	149	780492	43.808	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	418883	42.456	nq	97
62) 4-Nitroaniline	15.79	138	209263	48.031	nq	95
63) Azobenzene	16.07	77	748505	43.628	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	141630	54.852	nq	93
66) n-Nitrosodiphenylamine	15.99	169	674448	41.535	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	287704	39.391	nq	98
68) Hexachlorobenzene	16.79	284	297960	38.178	nq	98
69) Atrazine	16.93	200	280334	49.576	nq	98
70) Pentachlorophenol	17.13	266	428497	92.552	nq	95
71) Phenanthrene	17.52	178	1227489	42.534	nq	99
72) Anthracene	17.61	178	1247470	43.267	nq	98
73) Carbazole	17.87	167	1214834	44.332	nq	97
74) Di-n-butylphthalate	18.44	149	1390811	42.369	nq	99
75) Fluoranthene	19.52	202	1628826	43.549	nq	98
77) Benzidine	19.69	184	636974	37.441	nq	98
78) Pyrene	19.89	202	1633177	42.840	nq	97
80) Butylbenzylphthalate	20.77	149	649807	42.117	nq	97
81) Benzo(a)anthracene	21.74	228	1602778	41.398	nq	97
82) 3,3'-Dichlorobenzidine	21.64	252	502614	33.406	nq	100
83) Chrysene	21.81	228	1544594	42.118	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	885027	41.982	nq	98
85) Di-n-octyl phthalate	22.89	149	1505347	41.887	nq	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	1867306	41.117	nq	# 93
88) Benzo(b)fluoranthene	23.99	252	1670788	46.120	nq	99
89) Benzo(k)fluoranthene	24.06	252	1577780	46.106	nq	98
90) Benzo(a)pyrene	24.88	252	1601829	47.221	nq	98
91) Dibenzo(a,h)anthracene	28.84	278	1567901	46.994	nq	100
92) Benzo(g,h,i)perylene	29.94	276	1534199	47.144	nq	99

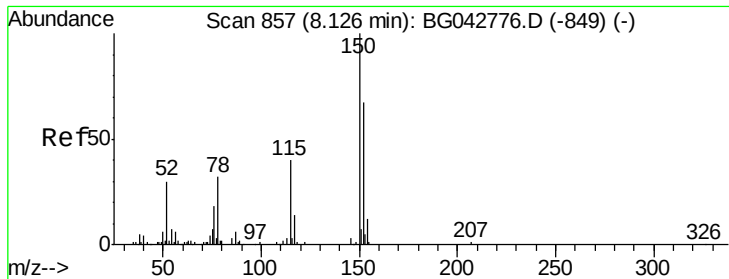
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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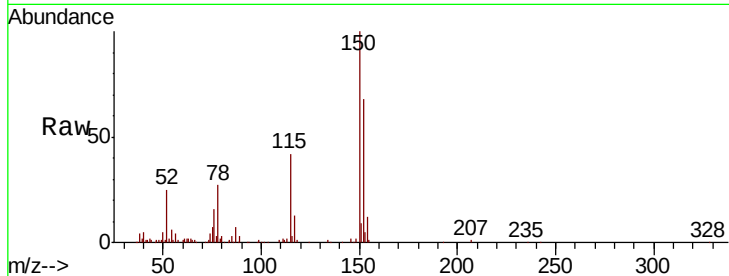


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	118.9	178.3
115	61.8	47.4	71.2

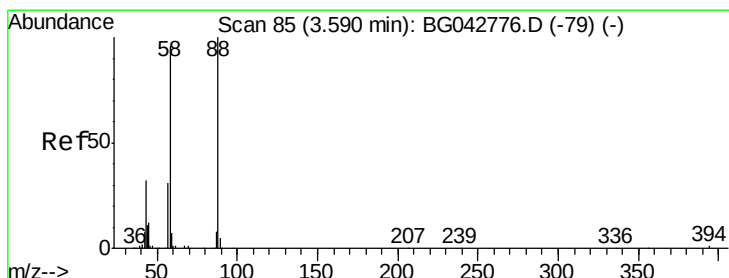
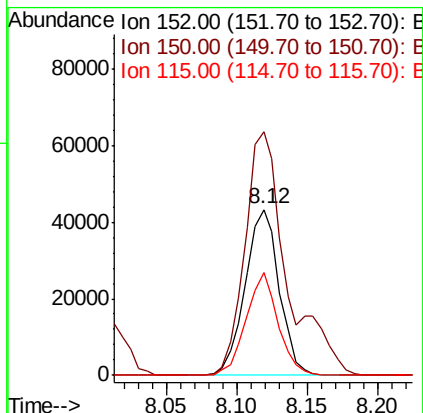
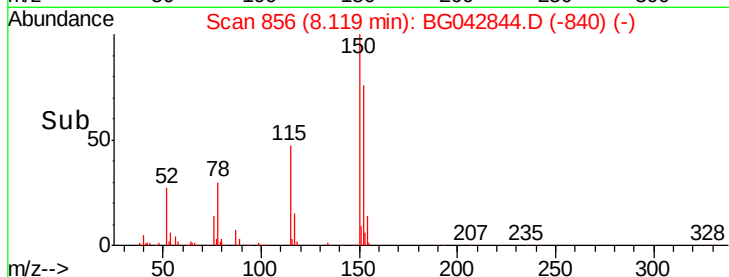


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

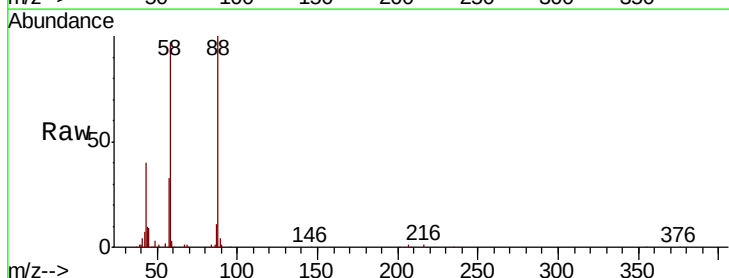
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.865 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.6	79.1	118.7
43	39.9	30.4	45.6

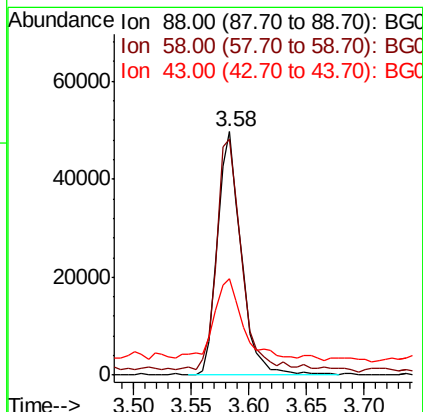
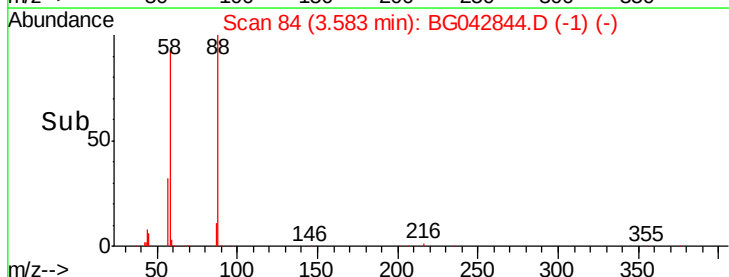


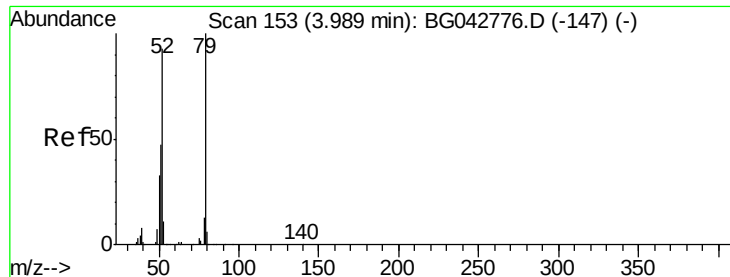
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.308 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

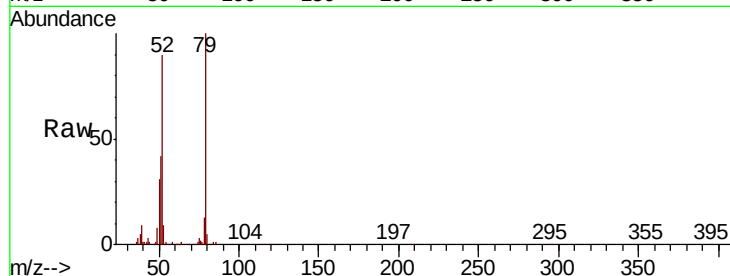
Tot Ion: 79 Resp: 181032

Ion Ratio Lower Upper

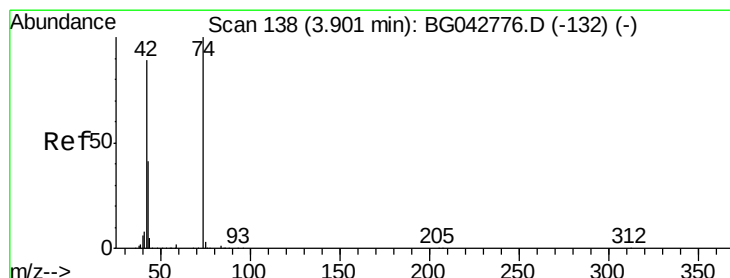
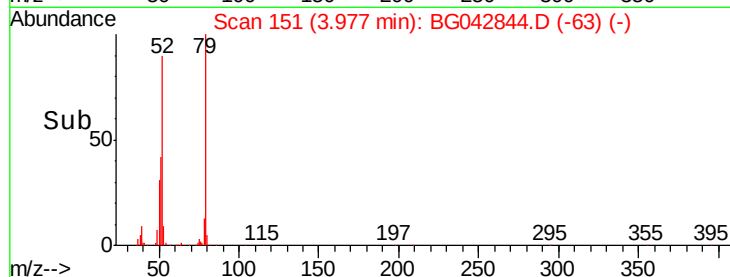
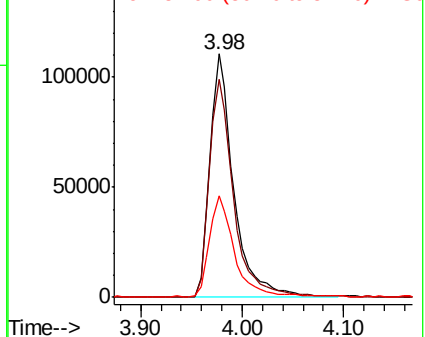
79 100

52 89.6 74.0 111.0

51 41.9 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 38.978 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

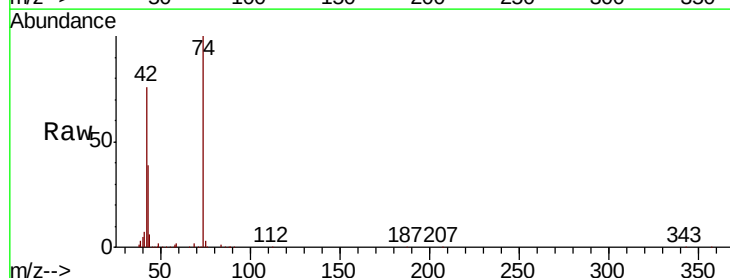
Tgt Ion: 42 Resp: 109670

Ion Ratio Lower Upper

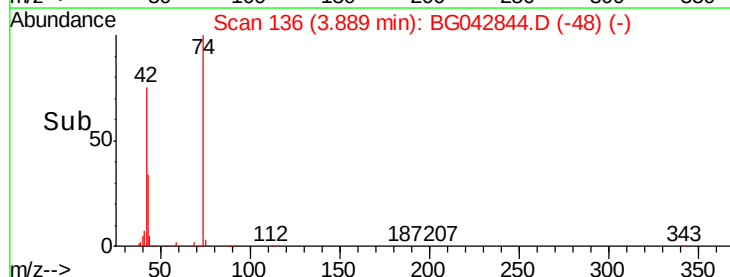
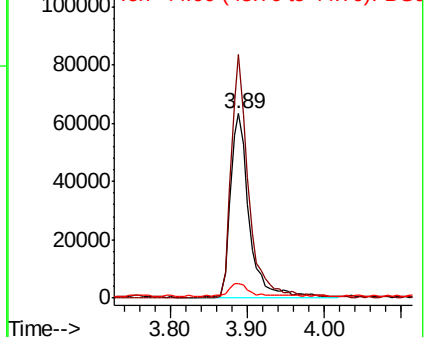
42 100

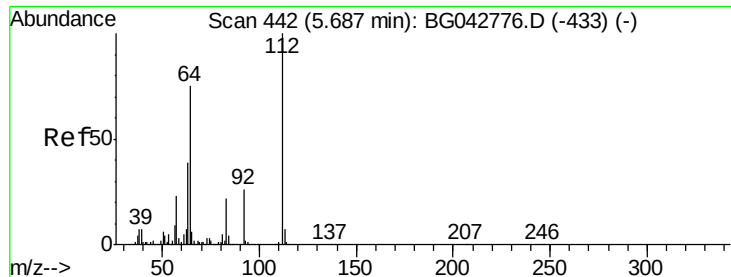
74 131.9 90.2 135.2

44 8.1 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.382 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

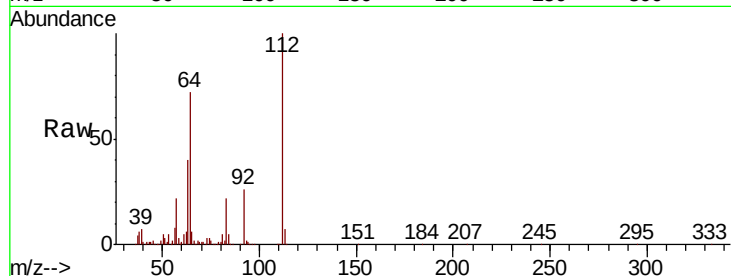
Tot Ion:112 Resp: 536029

Ion Ratio Lower Upper

112 100

64 72.4 60.2 90.2

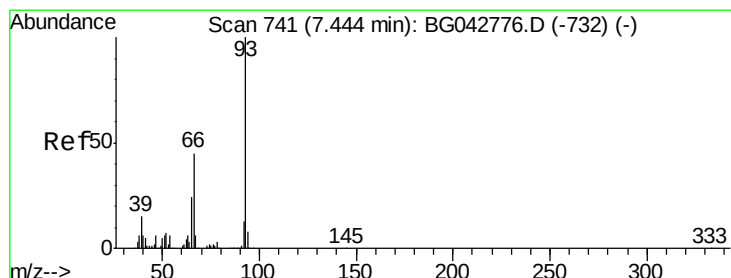
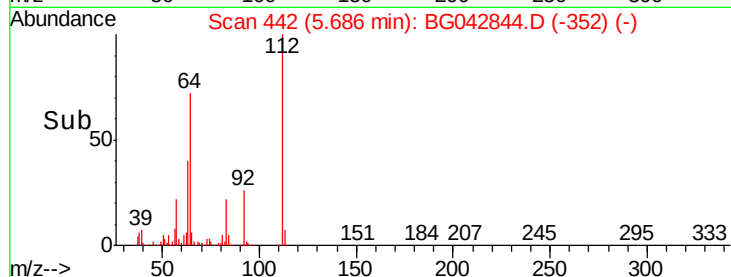
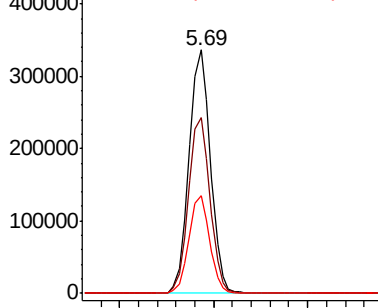
63 39.9 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.917 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

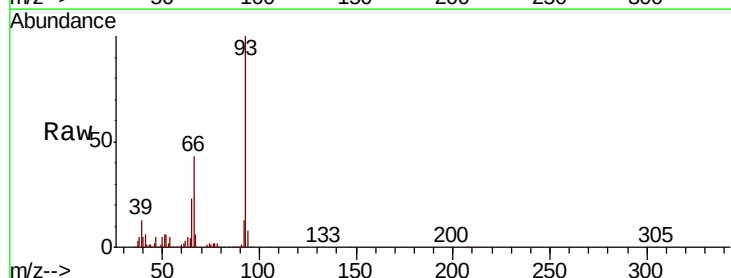
Tgt Ion: 93 Resp: 284543

Ion Ratio Lower Upper

93 100

66 42.7 36.3 54.5

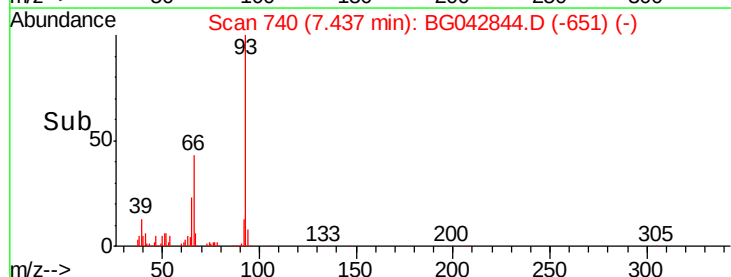
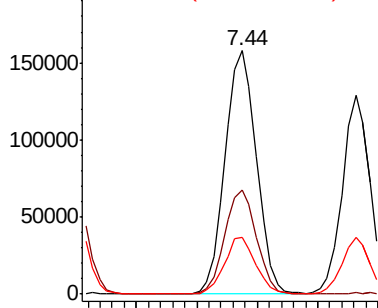
65 23.2 19.3 28.9

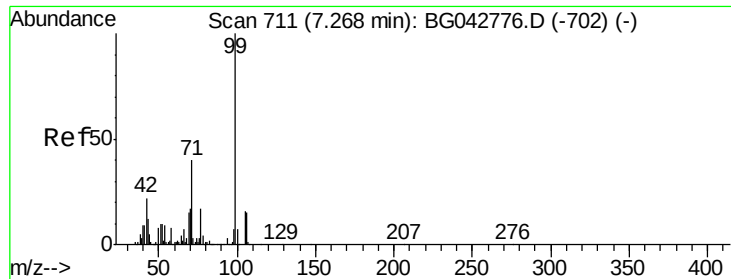


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.303 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampled :

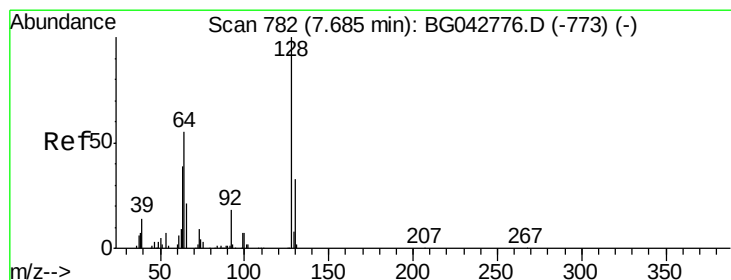
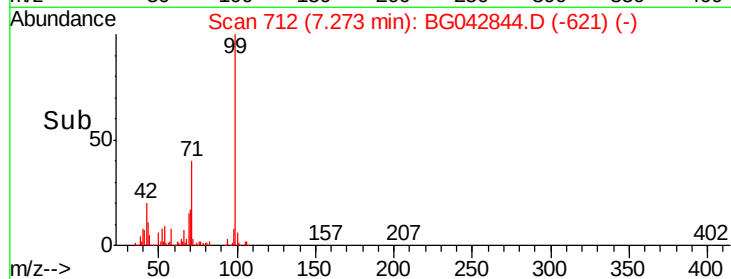
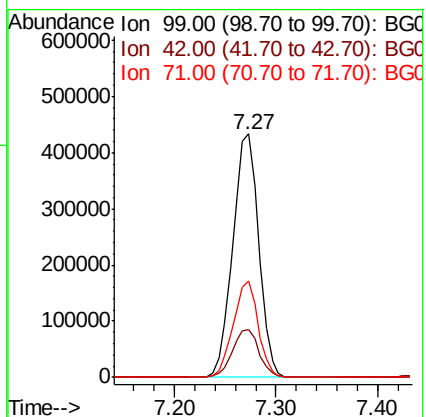
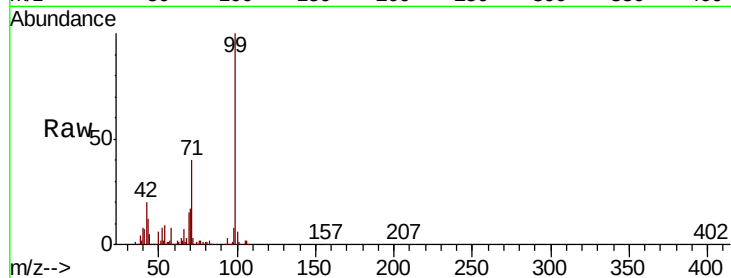
Tot Ion: 99 Resp: 768905

Ion Ratio Lower Upper

99 100

42 19.6 17.5 26.3

71 39.6 32.0 48.0



#8

2-Chlorophenol

Concen: 48.469 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

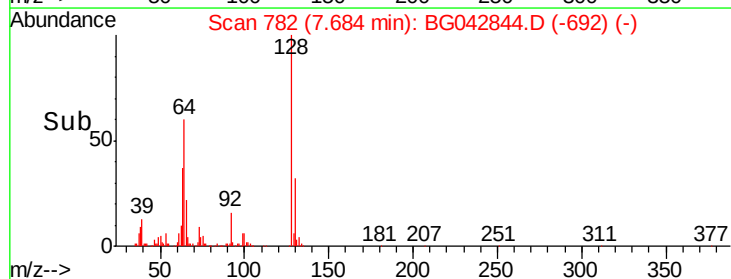
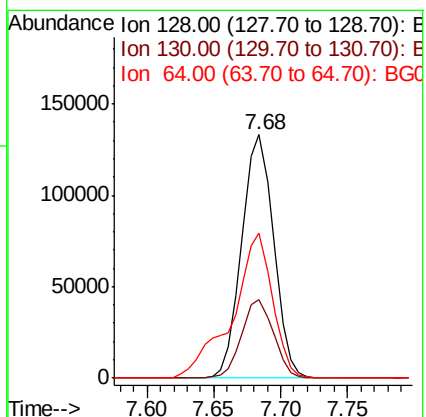
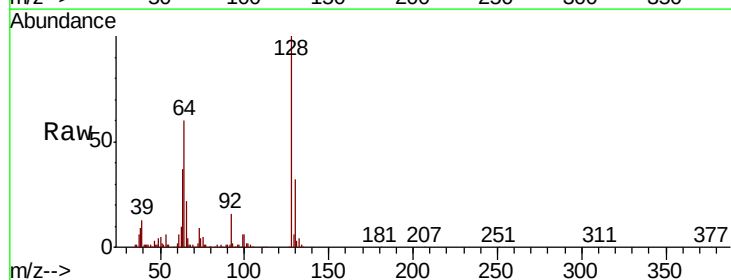
Tgt Ion: 128 Resp: 220469

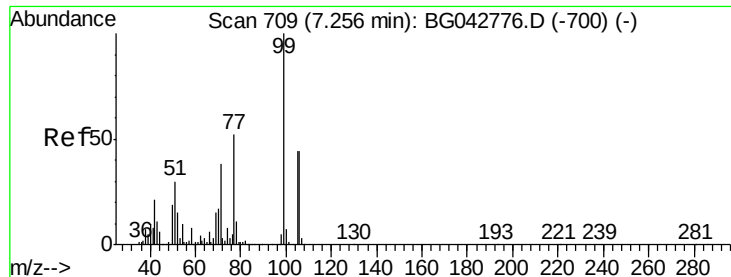
Ion Ratio Lower Upper

128 100

130 32.1 12.8 52.8

64 59.7 36.8 76.8





#9

Benzaldehyde

Concen: 35.417 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

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ClientSampleId :

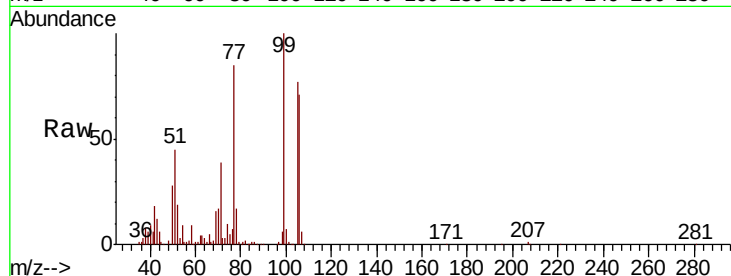
Tot Ion: 77 Resp: 139207

Ion Ratio Lower Upper

77 100

105 90.9 64.5 104.5

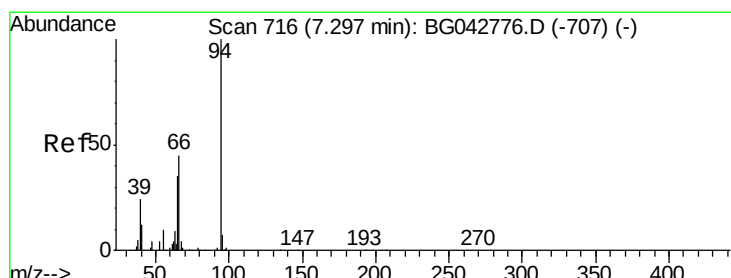
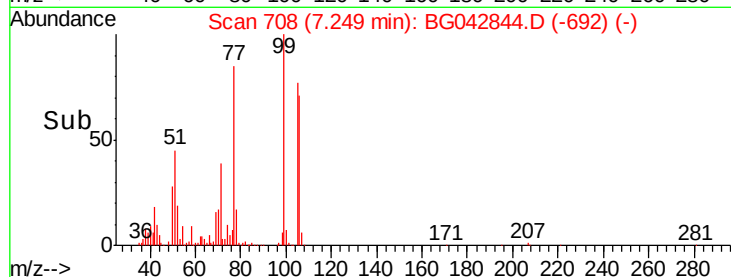
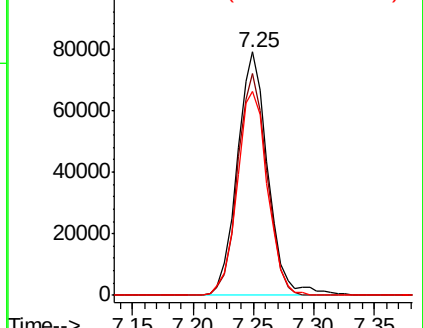
106 83.9 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.339 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

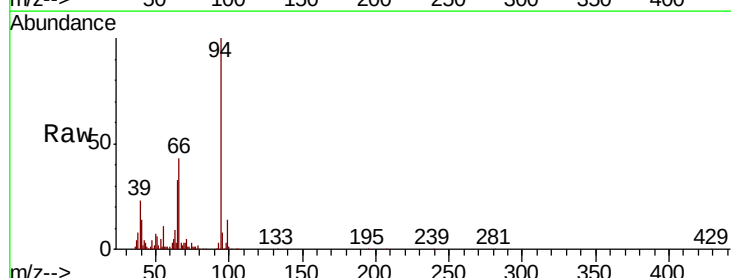
Tgt Ion: 94 Resp: 305615

Ion Ratio Lower Upper

94 100

65 33.0 15.0 55.0

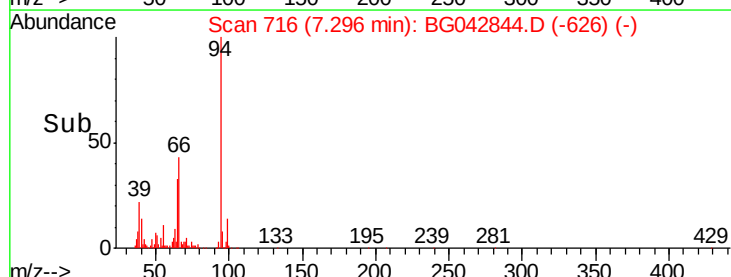
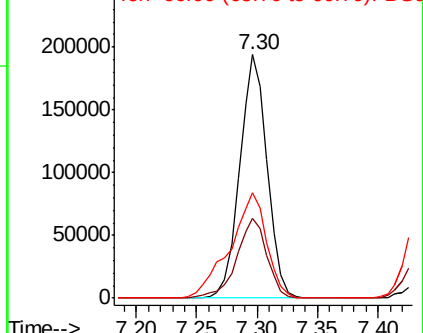
66 43.4 26.1 66.1

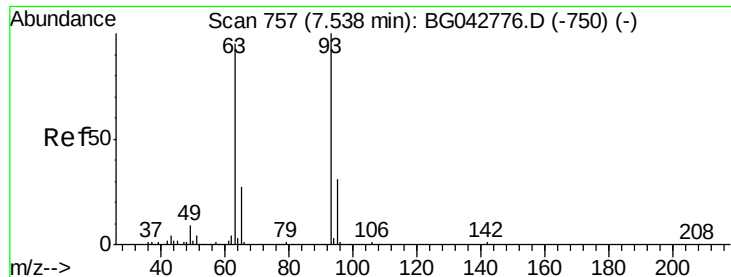


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.112 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

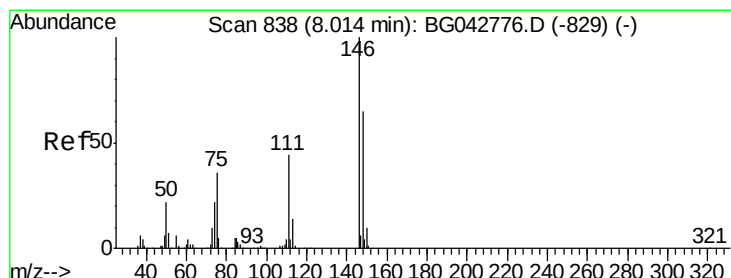
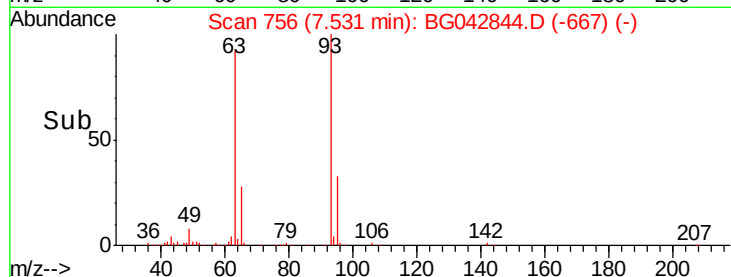
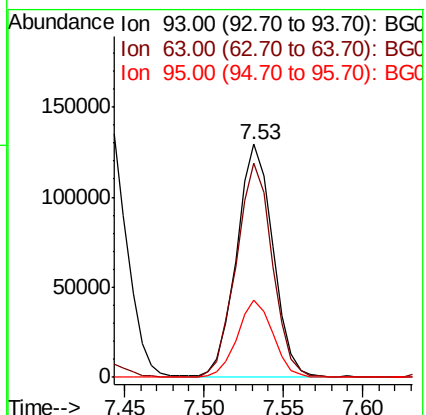
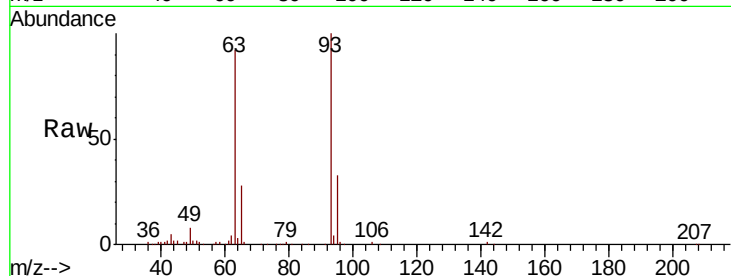
Tot Ion: 93 Resp: 204948

Ion Ratio Lower Upper

93 100

63 91.9 74.7 114.7

95 33.0 11.1 51.1



#12

1,3-Dichlorobenzene

Concen: 40.768 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

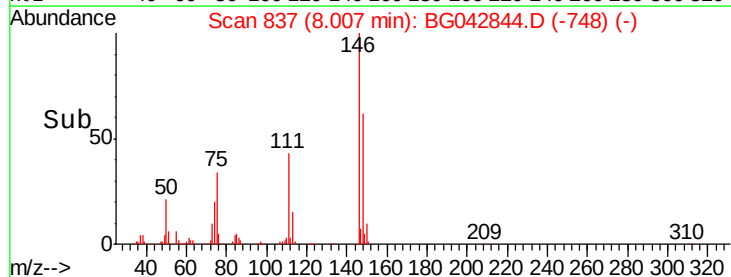
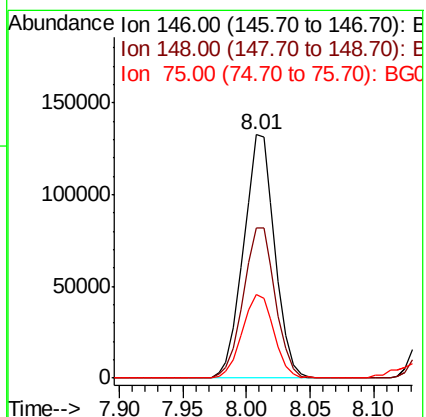
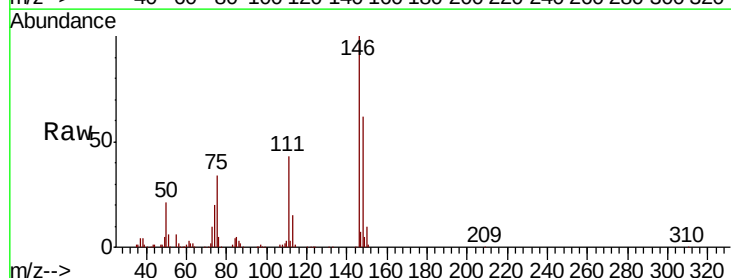
Tgt Ion: 146 Resp: 226178

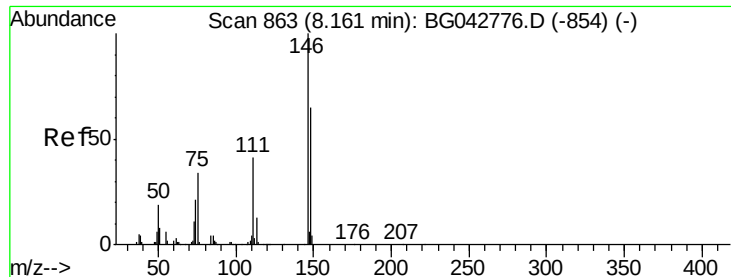
Ion Ratio Lower Upper

146 100

148 61.8 51.9 77.9

75 34.1 28.4 42.6

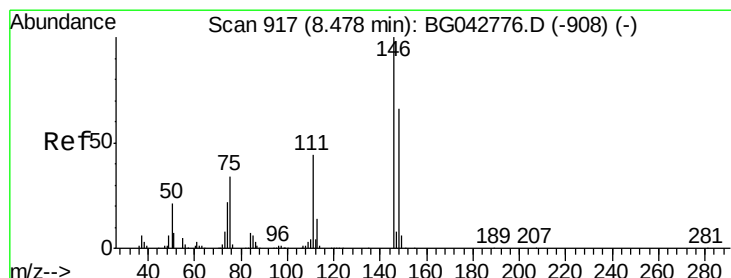
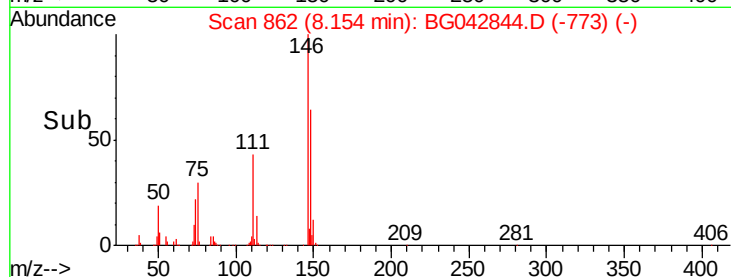
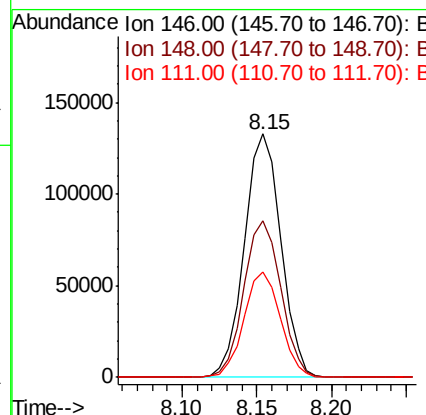
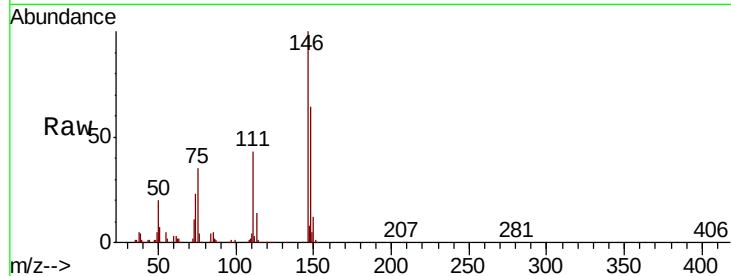




#13
 1,4-Dichlorobenzene
 Concen: 40.527 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

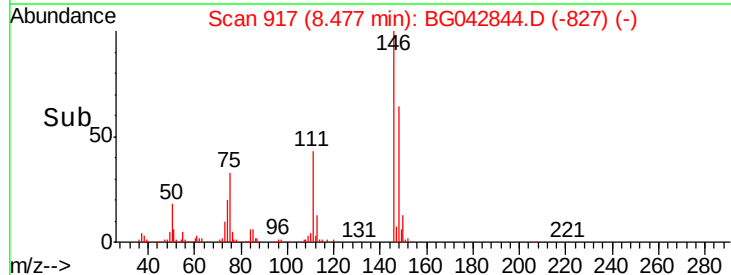
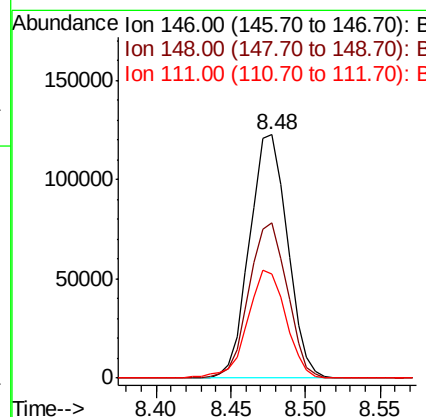
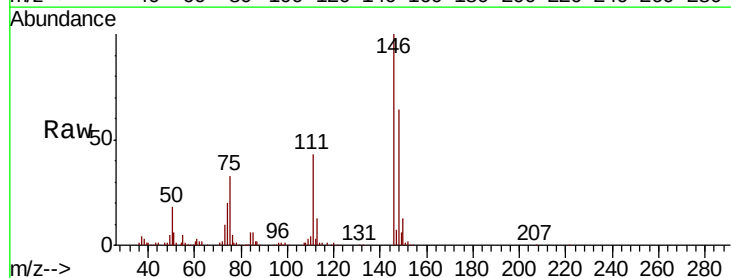
Instrument :
 BNA_G
 ClientSampleId :

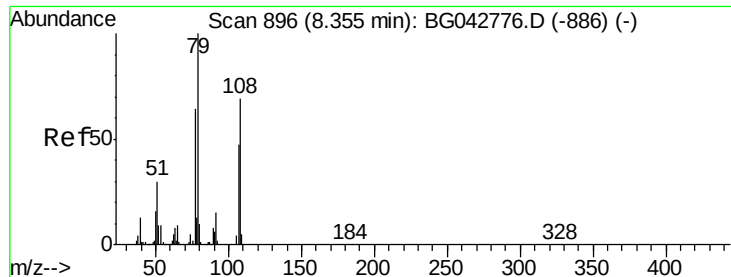
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.4
111	43.4	32.6	49.0



#14
 1,2-Dichlorobenzene
 Concen: 40.806 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	78.8
111	43.0	35.3	52.9





#15

Benzyl Alcohol

Concen: 45.771 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

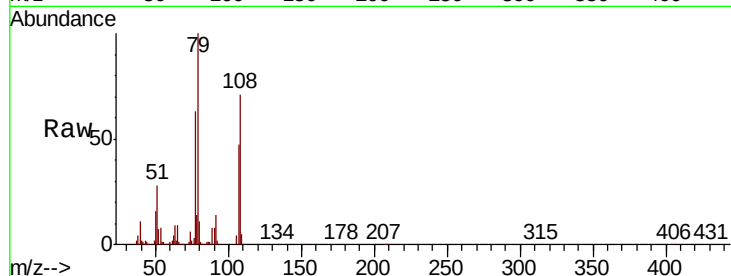
Tot Ion: 79 Resp: 237249

Ion Ratio Lower Upper

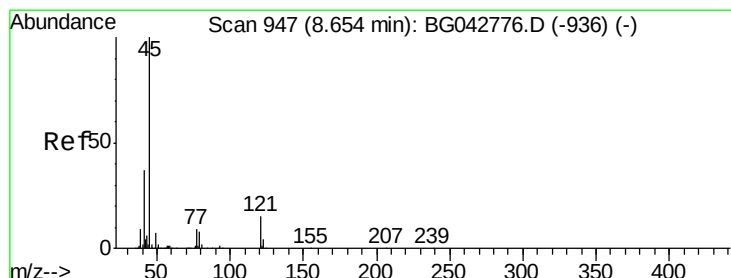
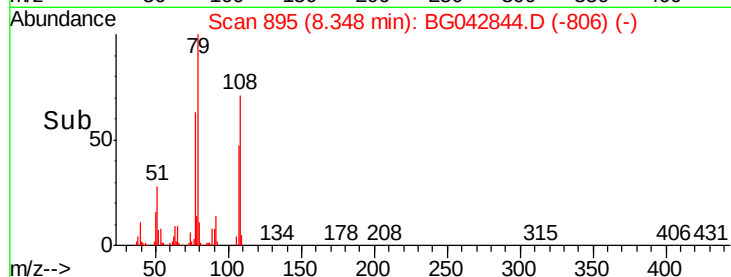
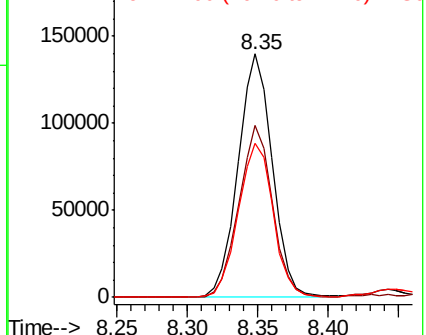
79 100

108 70.7 54.9 82.3

77 63.2 51.0 76.6



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: 37.555 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

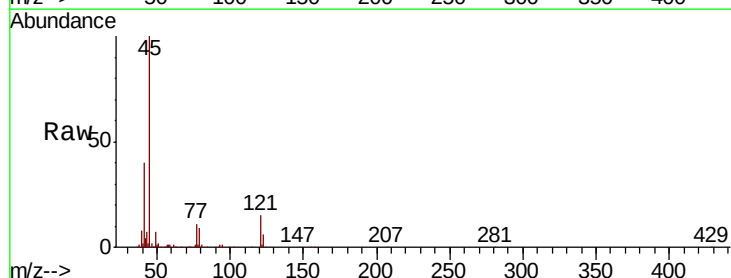
Tgt Ion: 45 Resp: 392054

Ion Ratio Lower Upper

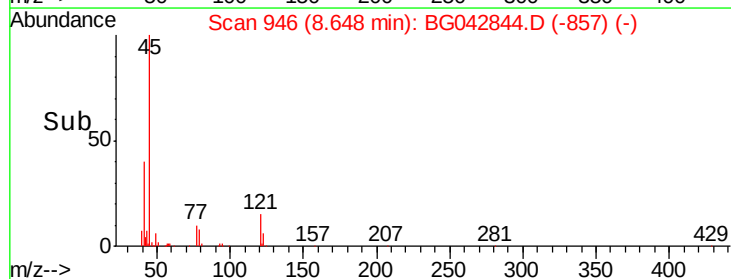
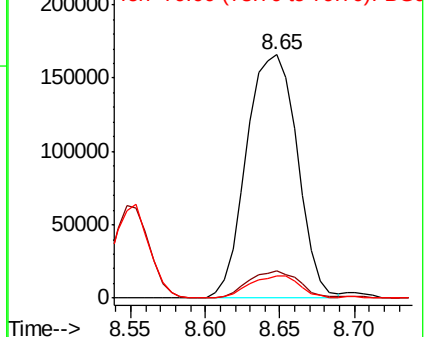
45 100

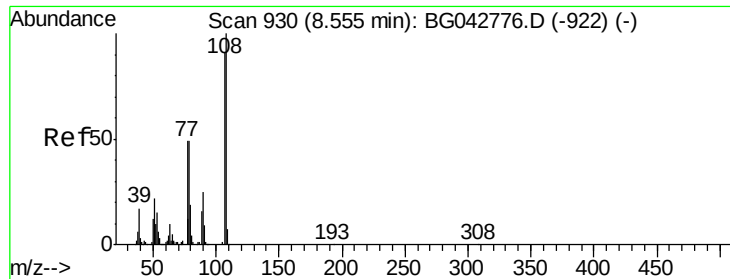
77 11.0 0.0 29.4

79 9.2 0.0 28.4



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: 48.552 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 201200

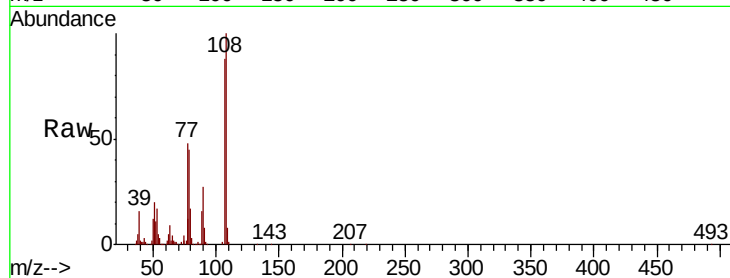
Ion Ratio Lower Upper

107 100

108 113.2 87.7 131.5

77 54.7 42.6 64.0

79 51.5 43.4 65.2

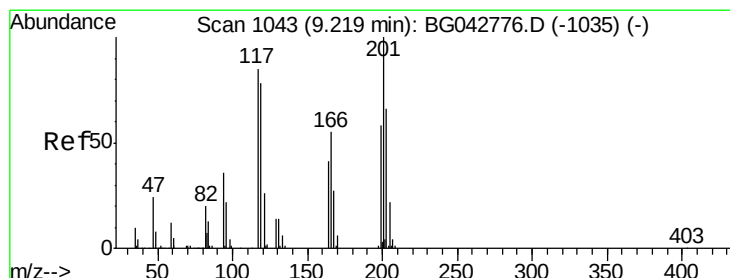
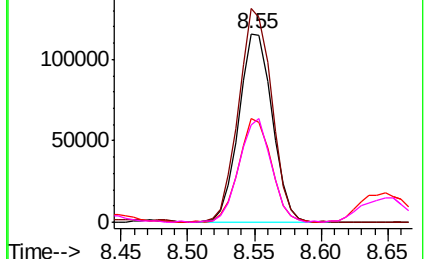
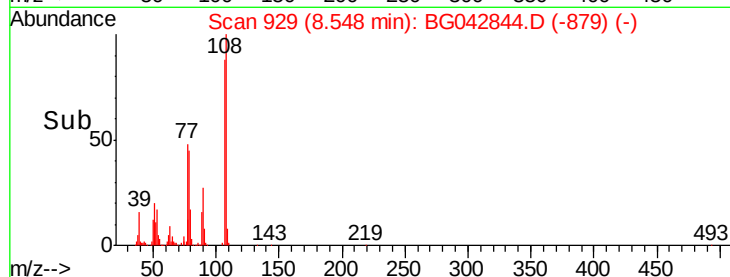


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.569 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

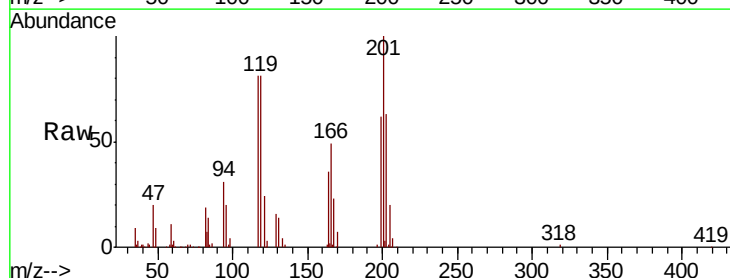
Tgt Ion:117 Resp: 81142

Ion Ratio Lower Upper

117 100

119 99.7 73.8 110.8

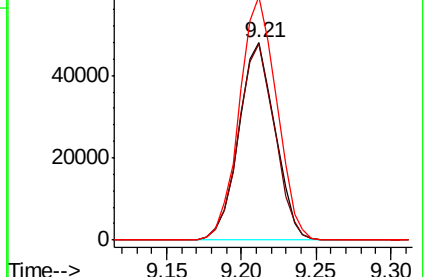
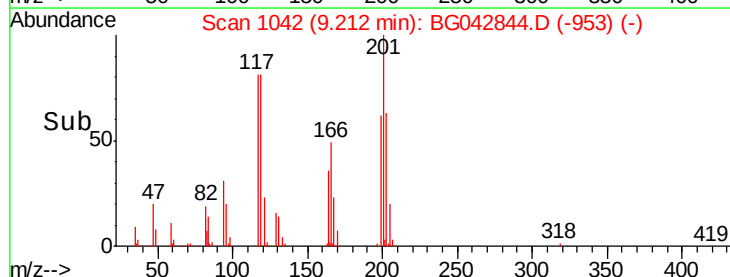
201 123.3 94.6 142.0

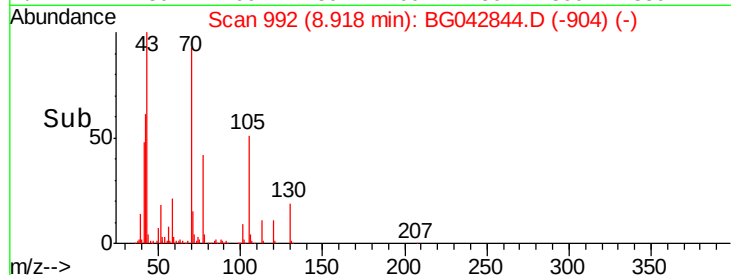
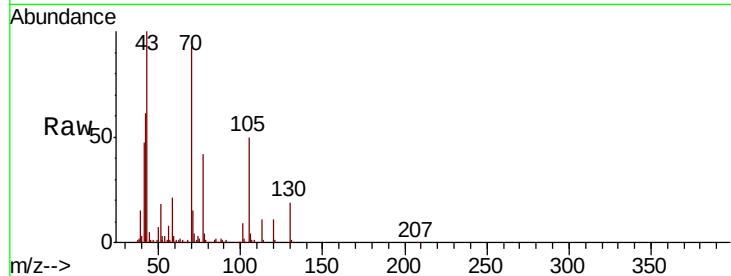
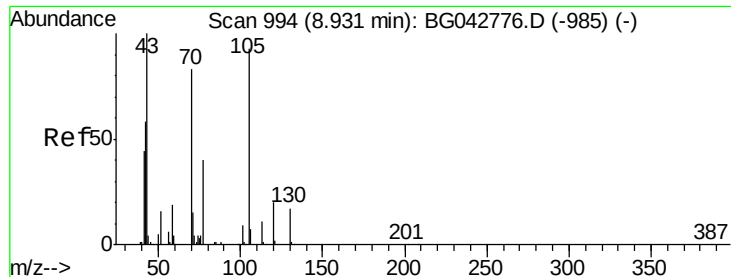


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

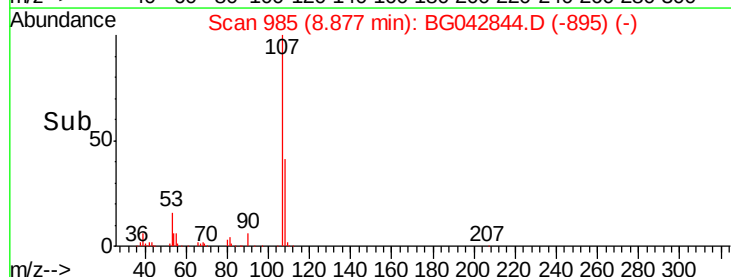
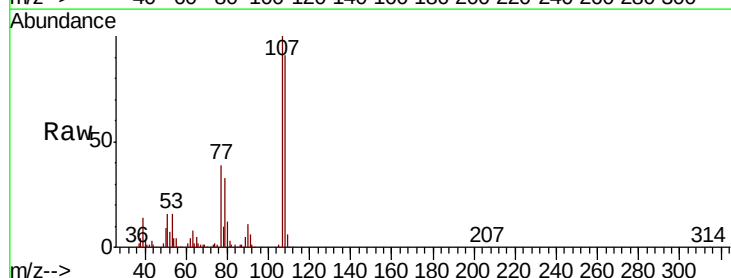
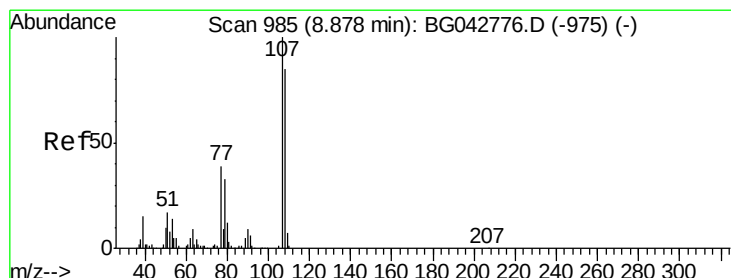
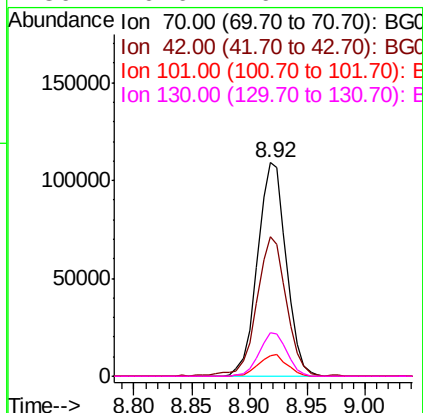




#19
n-Nitroso-di-n-propylamine
Concen: 42.417 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

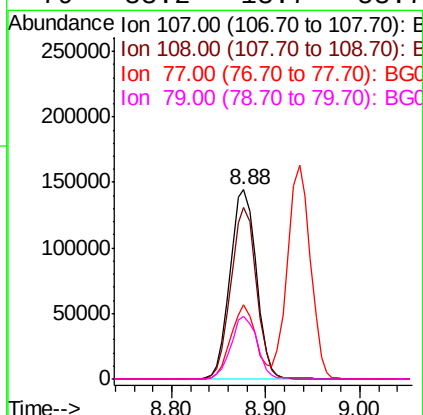
Instrument :
BNA_G
ClientSampleId :

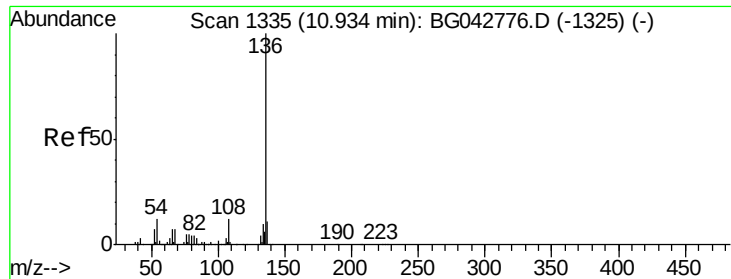
Tot Ion:	70	Resp:	188781
Ion	Ratio	Lower	Upper
70	100		
42	65.5	57.0	85.6
101	9.7	8.4	12.6
130	20.6	16.1	24.1



#20
3+4-Methylphenols
Concen: 49.363 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:	107	Resp:	281982
Ion	Ratio	Lower	Upper
107	100		
108	90.5	65.4	105.4
77	39.1	18.7	58.7
79	33.2	13.7	53.7

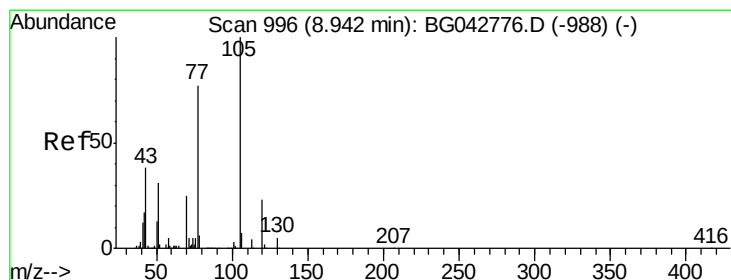
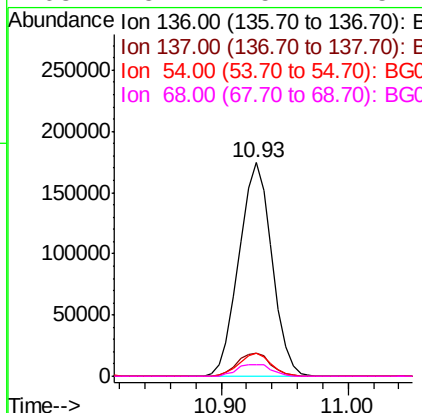
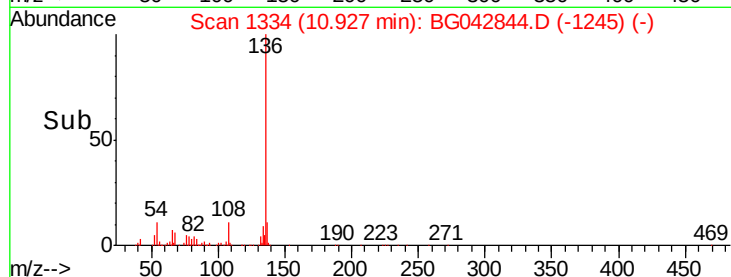
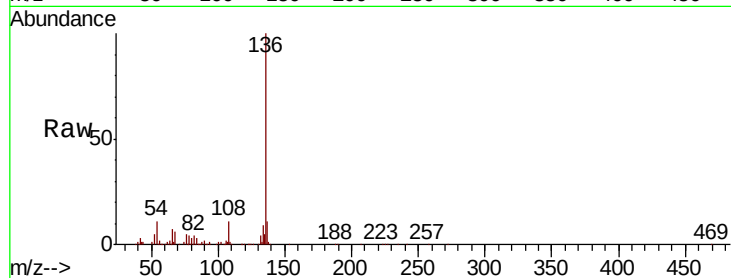




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

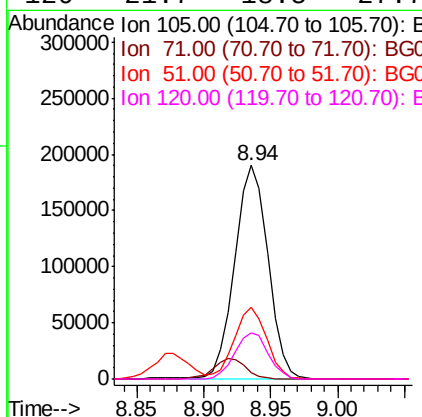
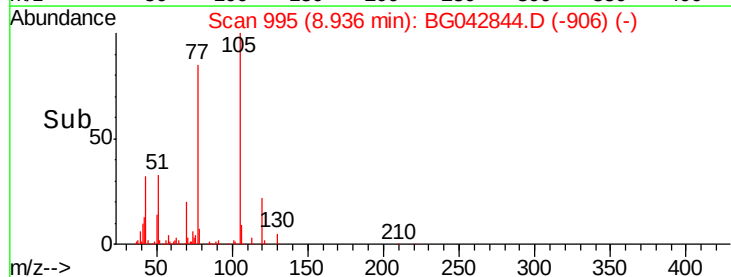
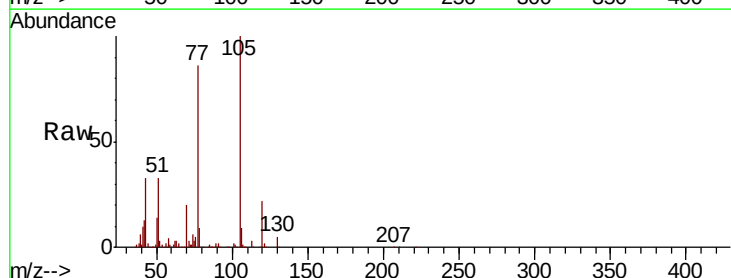
Instrument :
BNA_G
ClientSampleId :

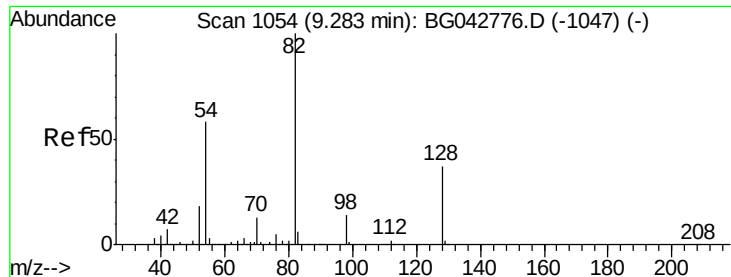
Tot Ion:136	Resp:	314540
Ion Ratio	Lower	Upper
136 100		
137 10.6	9.0	13.6
54 10.8	9.4	14.0
68 5.7	5.4	8.2



#22
Acetophenone
Concen: 41.536 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt	Ion:105	Resp:	329952
Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.7	5.5#
51	33.3	28.8	43.2
120	21.7	18.5	27.7





#23

Nitrobenzene-d5

Concen: 72.532 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

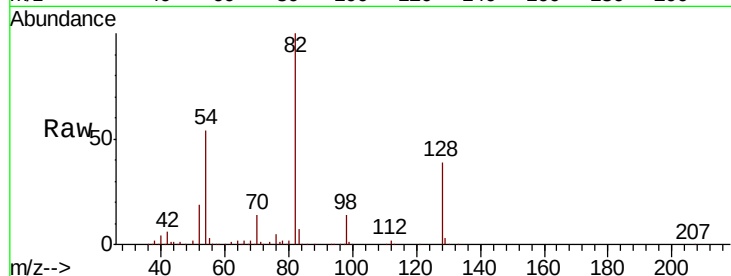
Tot Ion: 82 Resp: 438210

Ion Ratio Lower Upper

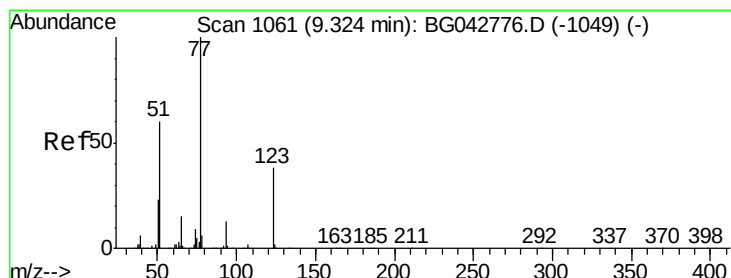
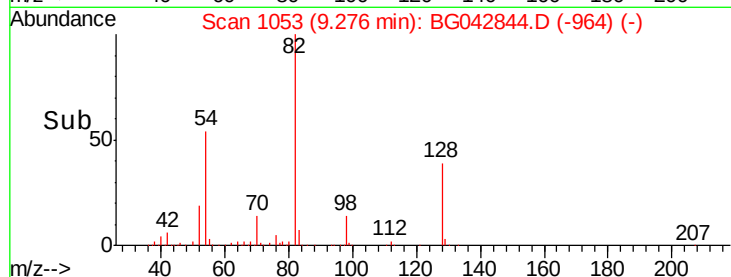
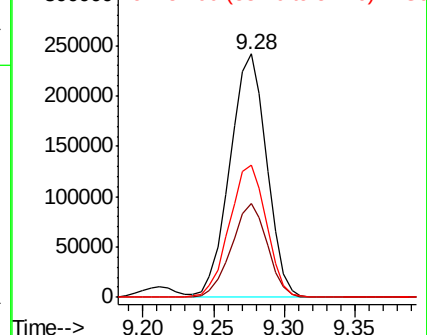
82 100

128 38.6 29.8 44.8

54 54.4 46.1 69.1



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



#24

Nitrobenzene

Concen: 43.119 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

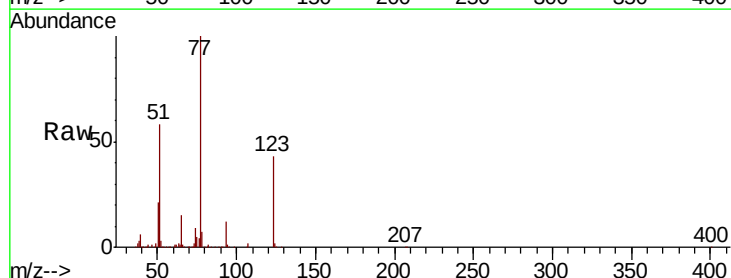
Tgt Ion: 77 Resp: 273439

Ion Ratio Lower Upper

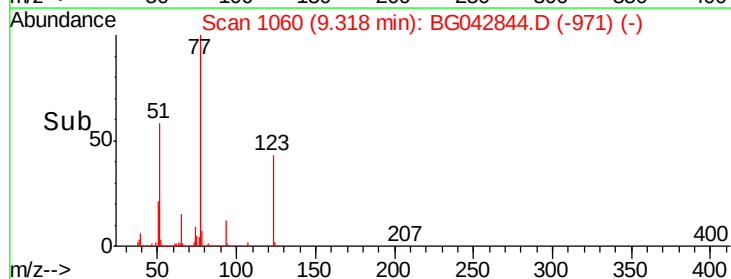
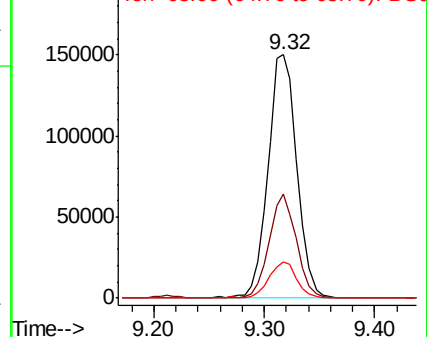
77 100

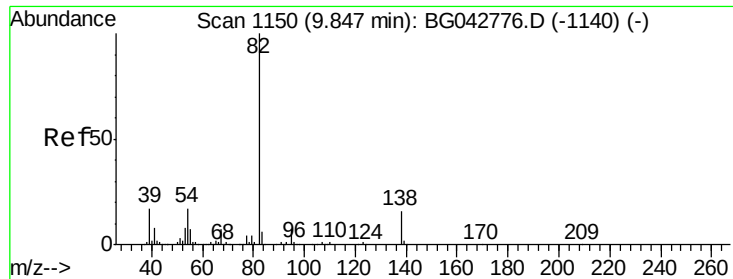
123 42.7 30.7 46.1

65 14.8 12.2 18.4



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





#25

Isophorone

Concen: 41.989 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

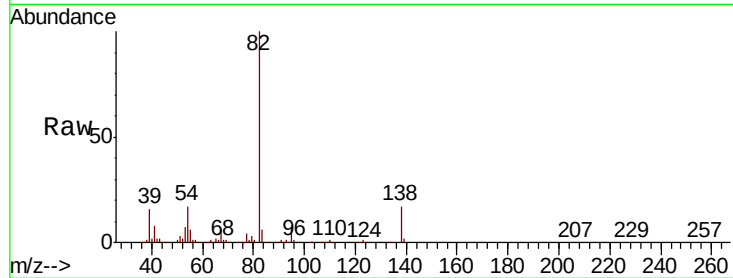
Tot Ion: 82 Resp: 528780

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

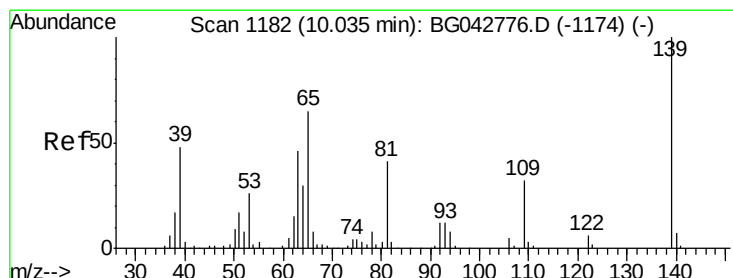
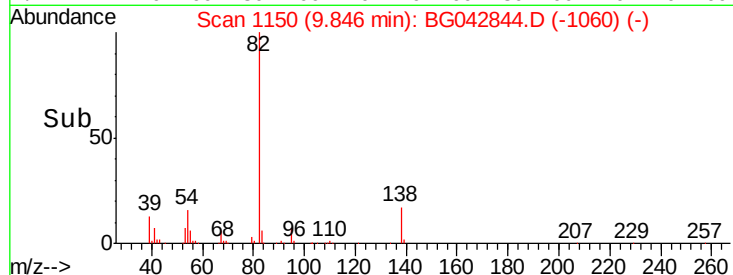
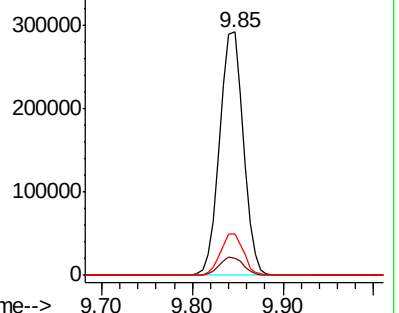
138 17.2 12.9 19.3



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

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

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



#26

2-Nitrophenol

Concen: 48.055 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

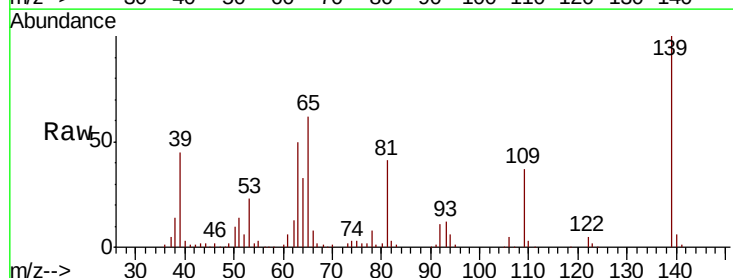
Tgt Ion: 139 Resp: 119834

Ion Ratio Lower Upper

139 100

109 37.3 25.8 38.8

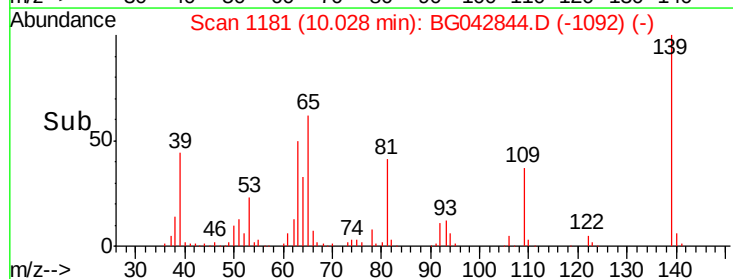
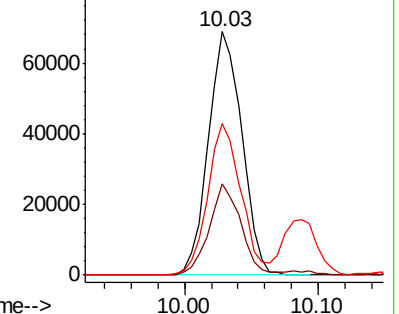
65 62.0 52.2 78.2

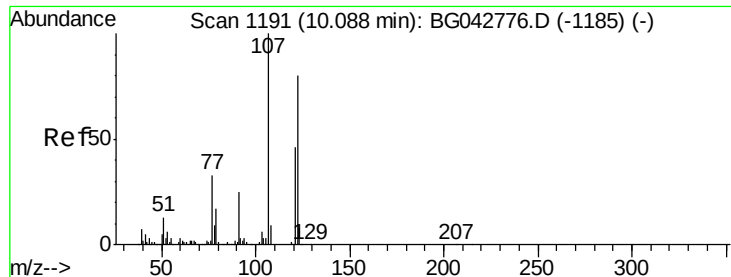


Abundance Ion 139.00 (138.70 to 139.70): BG042776.D (-1174) (-)

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

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

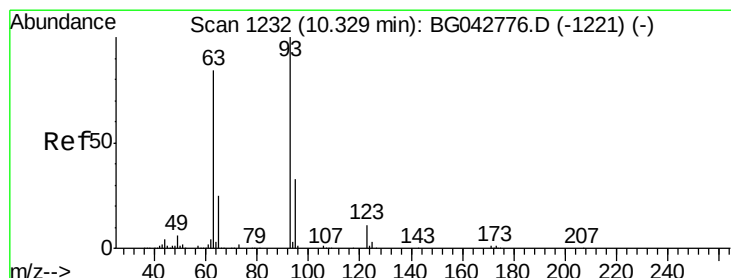
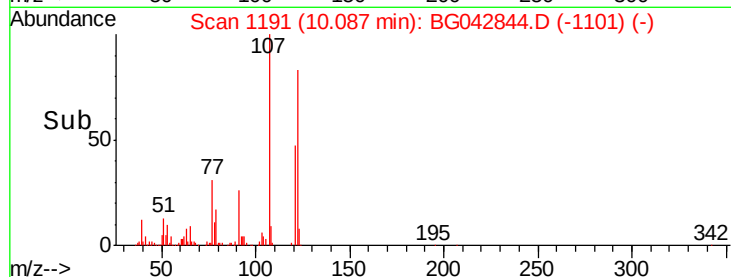
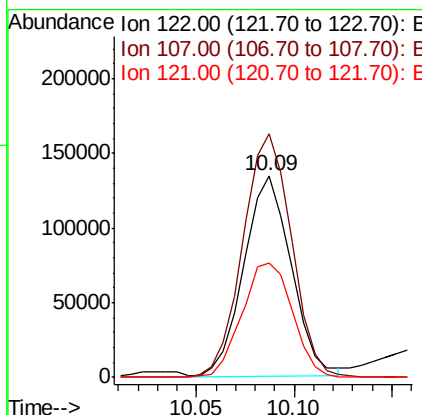
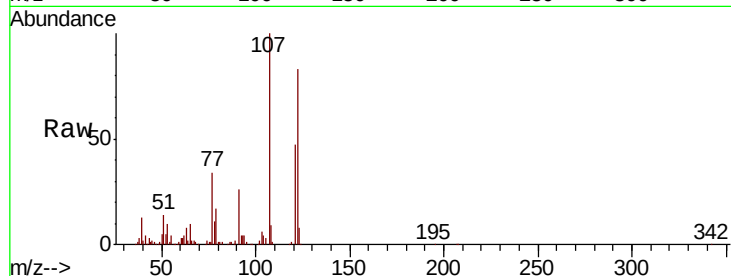




#27
 2,4-Dimethylphenol
 Concen: 51.489 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

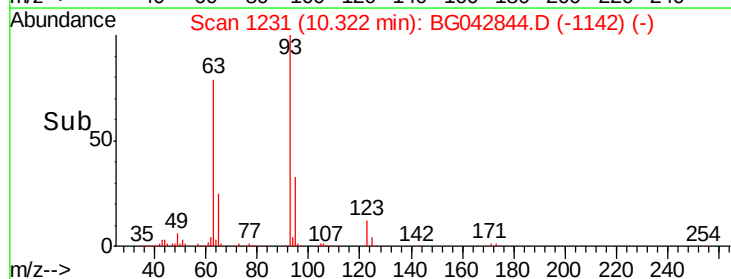
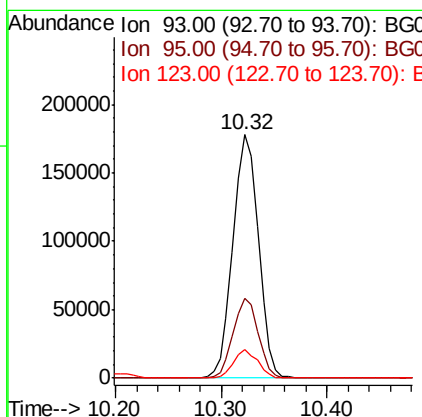
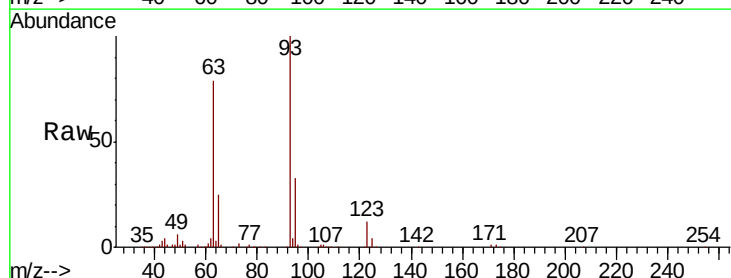
Instrument :
 BNA_G
 ClientSampled :

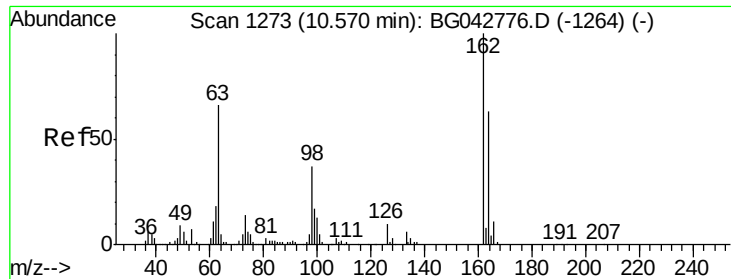
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	98.9	148.3
121	57.0	46.2	69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.171 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	11.6	9.0	13.6

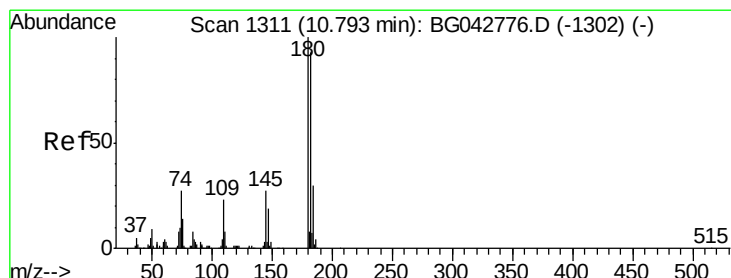
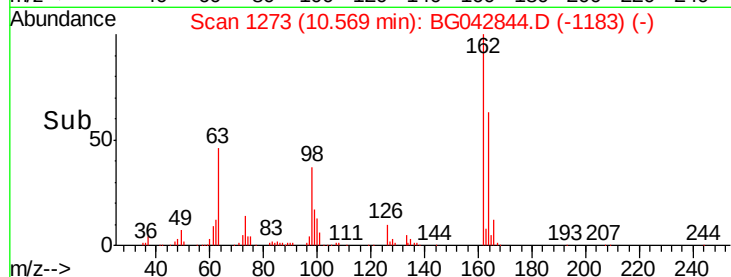
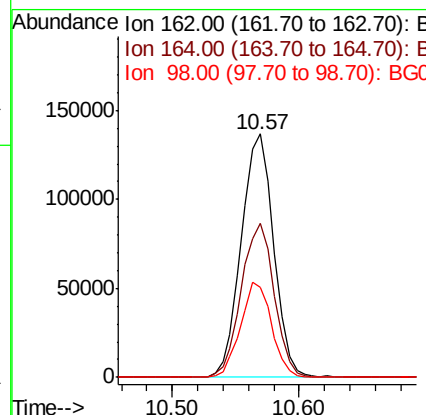
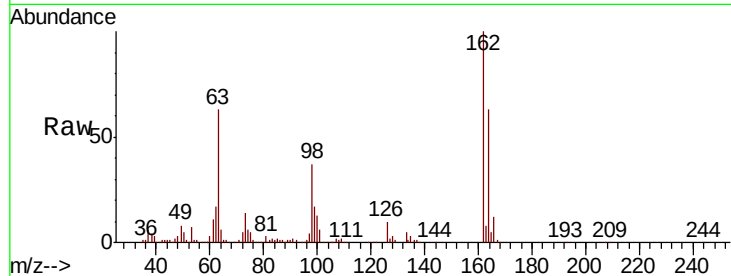




#29
 2,4-Dichlorophenol
 Concen: 47.376 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

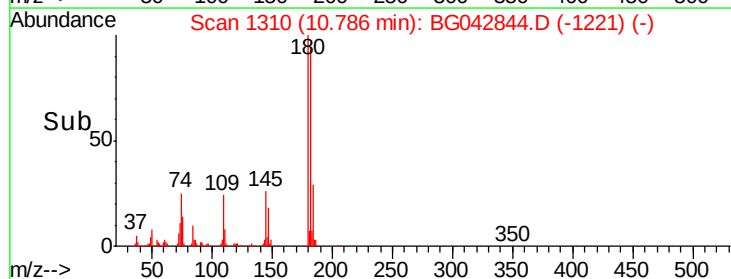
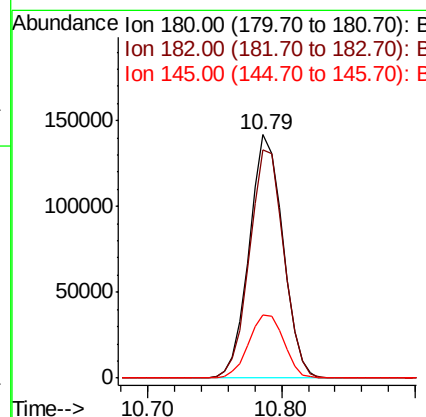
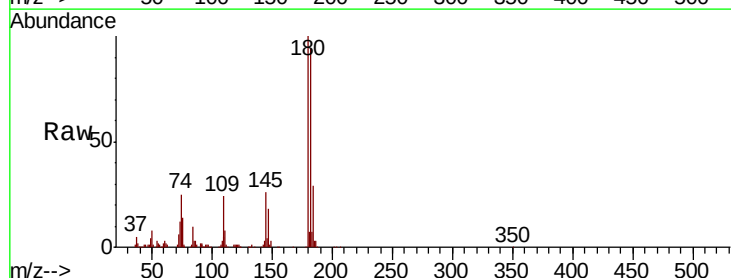
Instrument :
 BNA_G
 ClientSampleId :

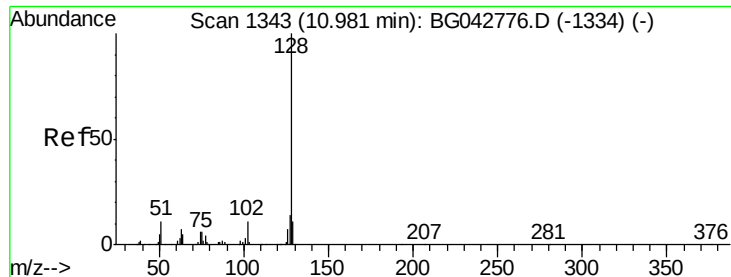
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.4	83.4
98	36.9	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.321 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	74.6	112.0
145	26.0	21.8	32.6

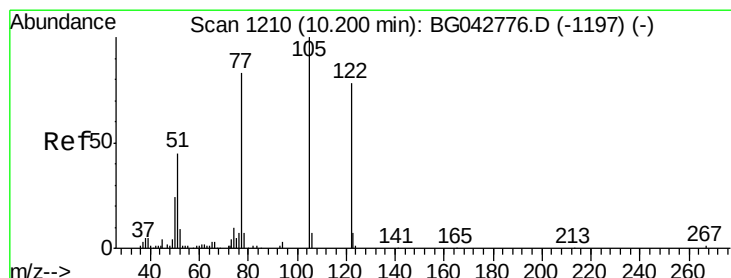
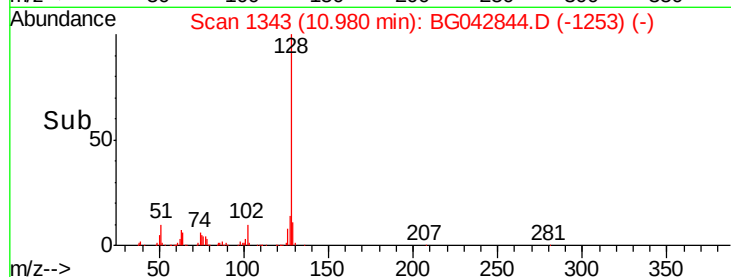
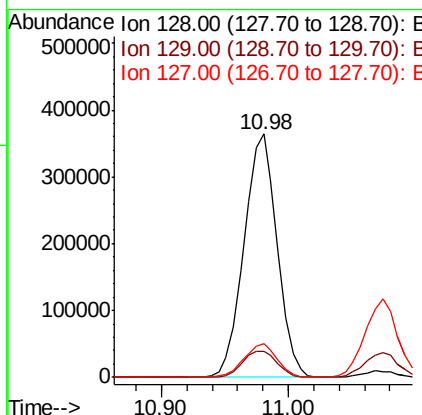
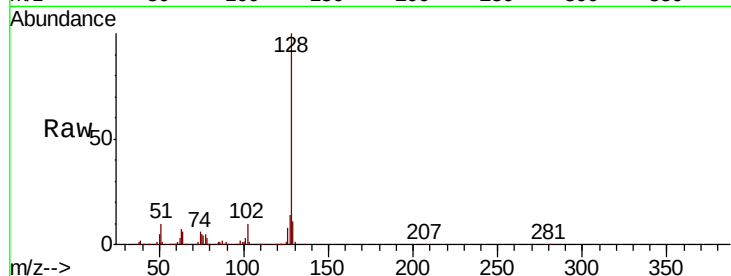




#31
Naphthalene
Concen: 42.378 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

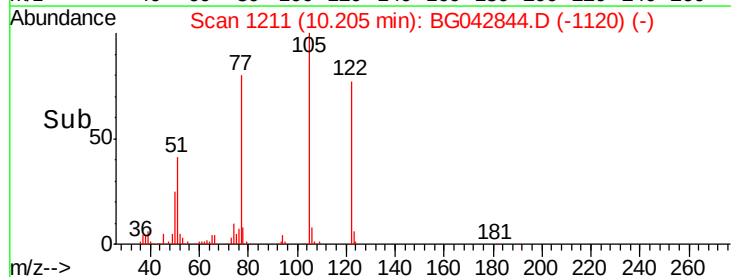
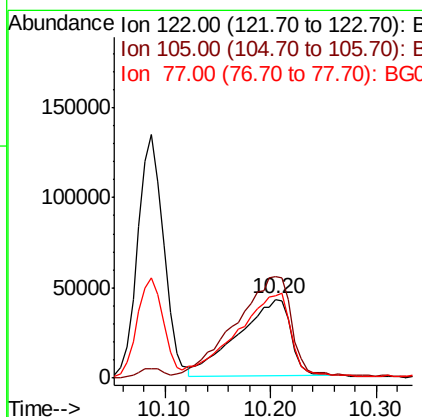
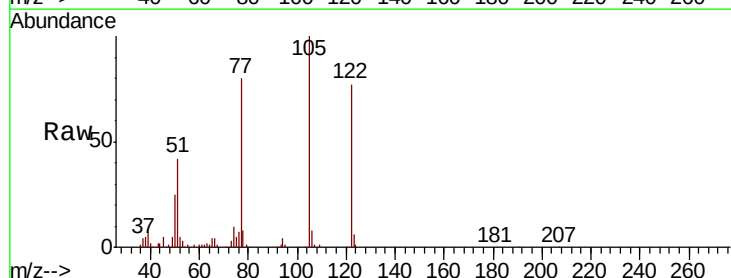
Instrument :
BNA_G
ClientSampled :

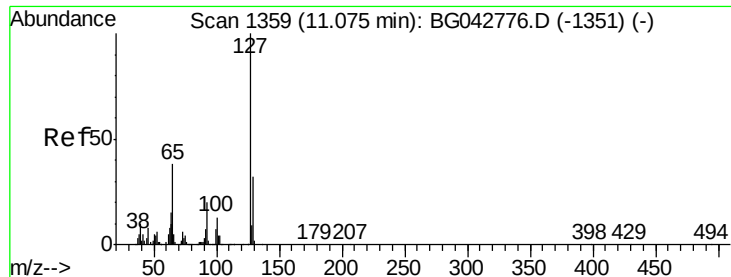
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	14.0	11.4	17.2



#32
Benzoic acid
Concen: 41.942 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.8	104.0	144.0
77	104.4	84.2	124.2

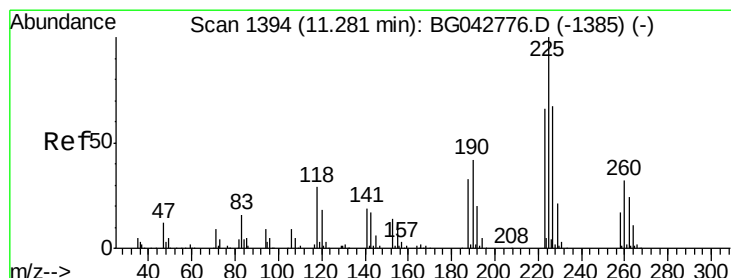
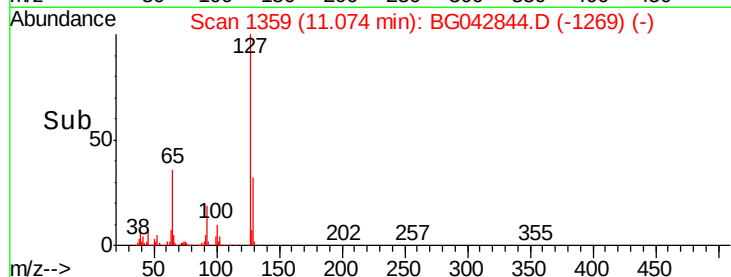
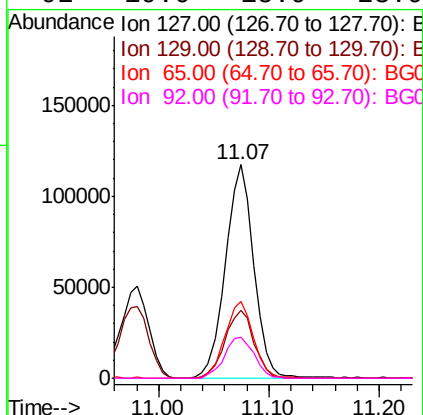
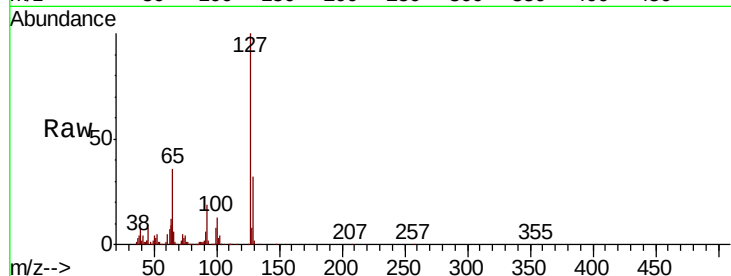




#33
4-Chloroaniline
Concen: 28.847 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

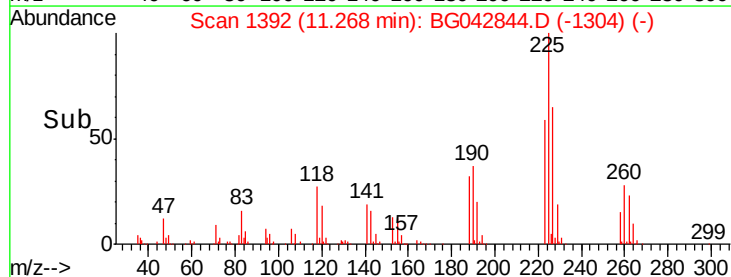
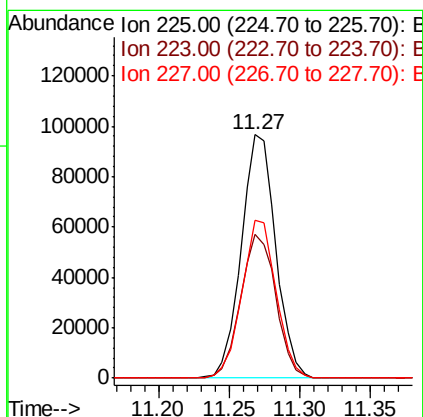
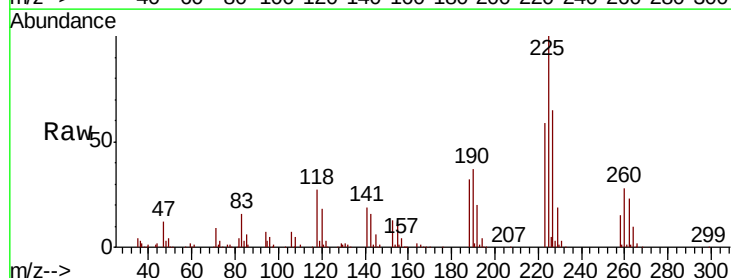
Instrument :
BNA_G
ClientSampleId :

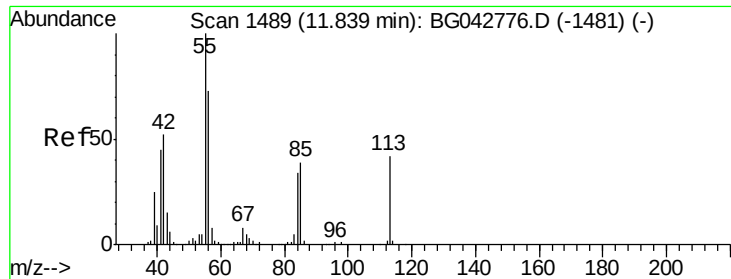
Tot Ion:	127	Resp:	209391
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	35.7	30.5	45.7
92	19.0	15.9	23.9



#34
Hexachlorobutadiene
Concen: 37.615 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:	225	Resp:	164935
Ion	Ratio	Lower	Upper
225	100		
223	59.1	52.6	79.0
227	65.1	53.6	80.4





#35

Caprolactam

Concen: 29.985 ng

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

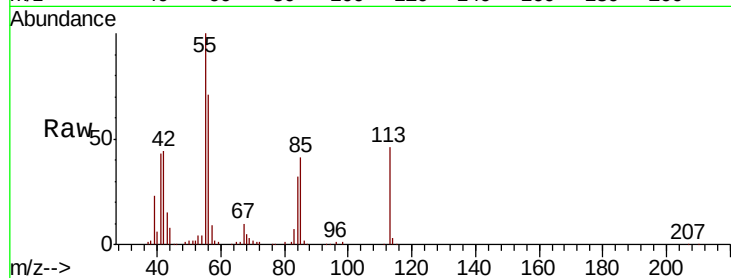
Tot Ion:113 Resp: 57156

Ion Ratio Lower Upper

113 100

55 219.6 218.4 258.4

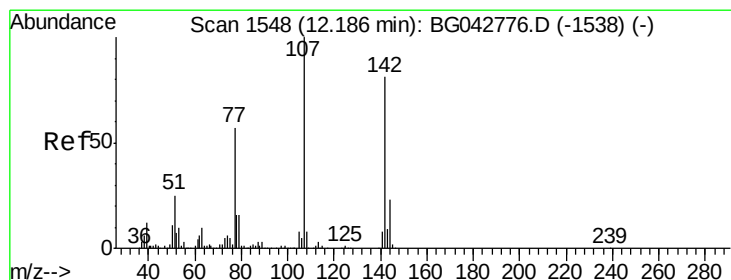
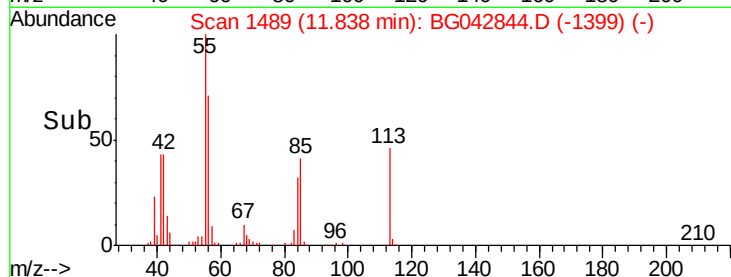
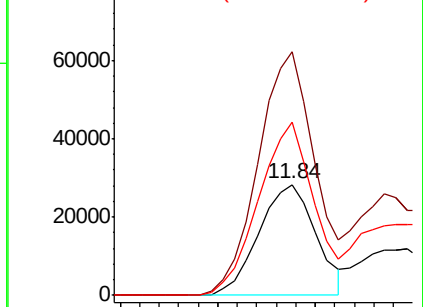
56 156.5 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.088 ng

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

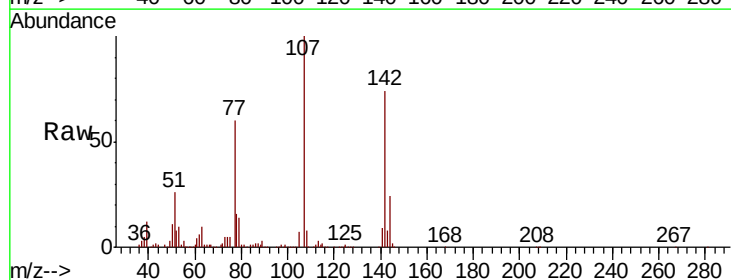
Tgt Ion:107 Resp: 273208

Ion Ratio Lower Upper

107 100

144 24.0 18.7 28.1

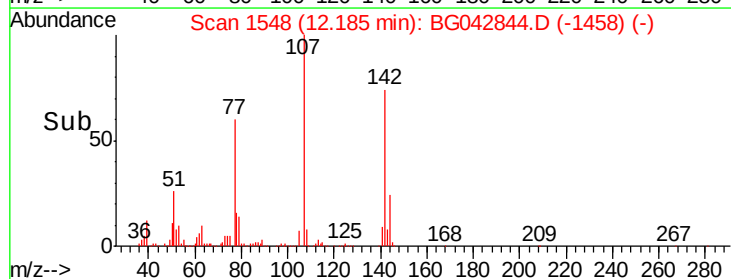
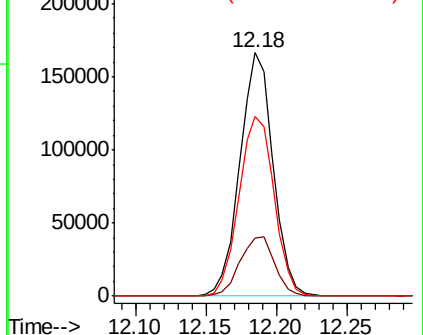
142 73.9 65.0 97.4

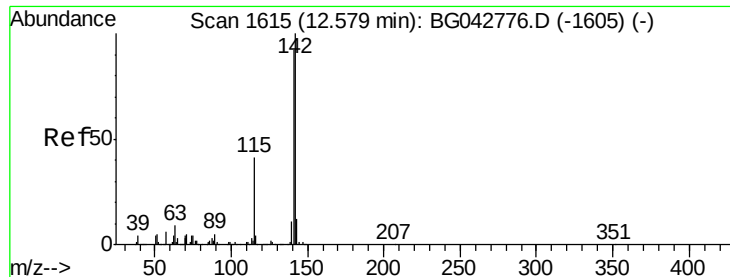


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.254 ng

RT: 12.57 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

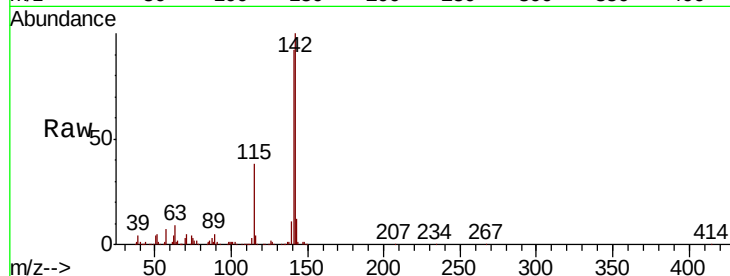
Tot Ion:142 Resp: 503187

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.8

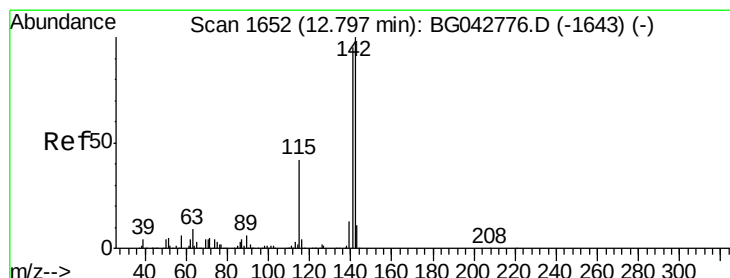
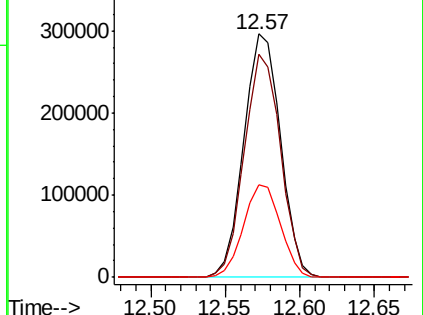
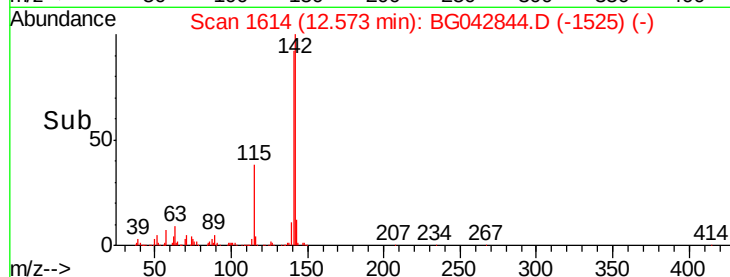
115 38.2 33.0 49.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.400 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

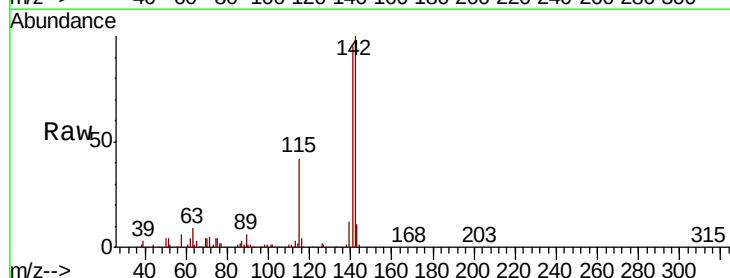
Tgt Ion:142 Resp: 473531

Ion Ratio Lower Upper

142 100

141 94.9 76.3 114.5

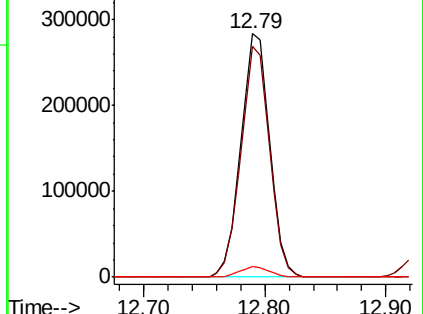
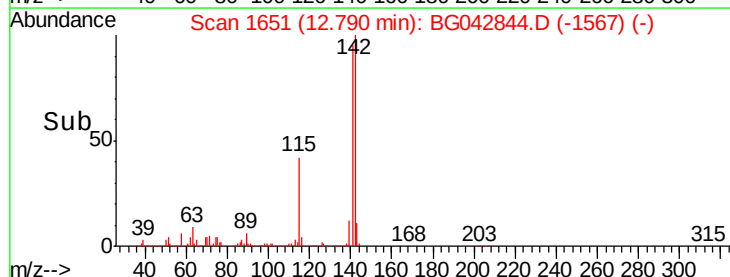
116 4.4 3.4 5.0

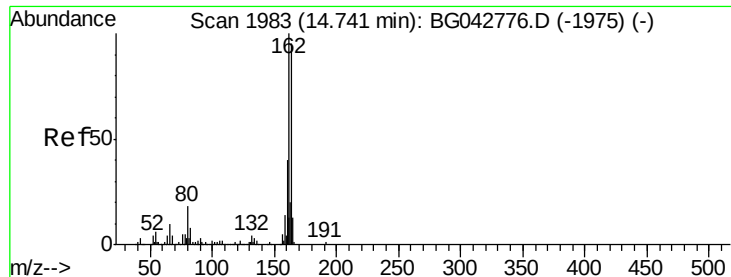


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

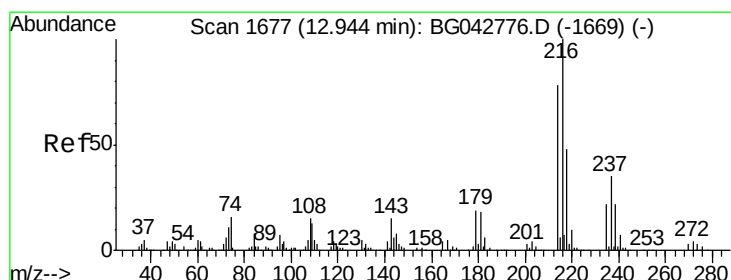
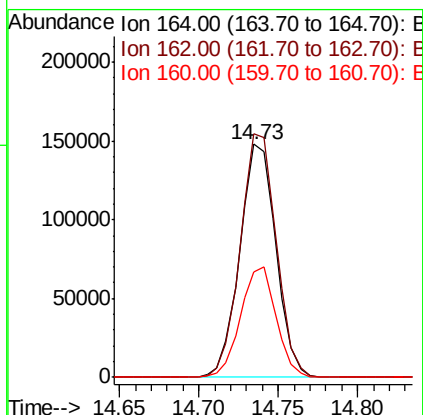
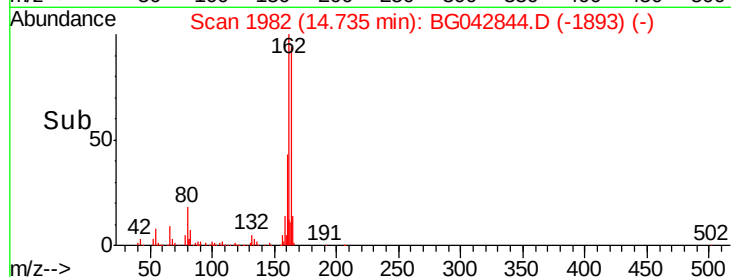
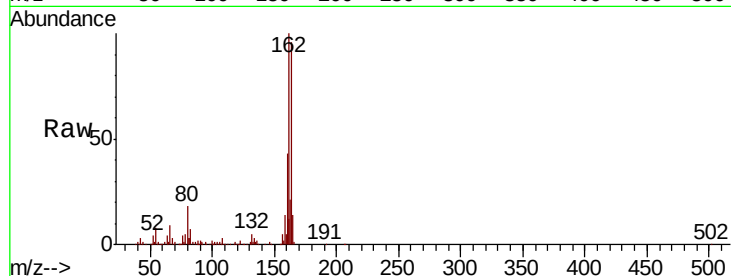
Tot Ion:164 Resp: 234295

Ion Ratio Lower Upper

164 100

162 104.5 84.6 126.8

160 45.5 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.592 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:216 Resp: 306529

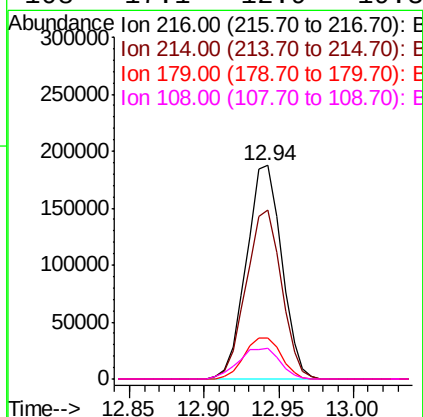
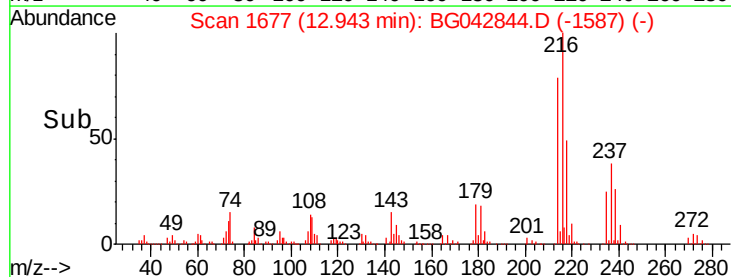
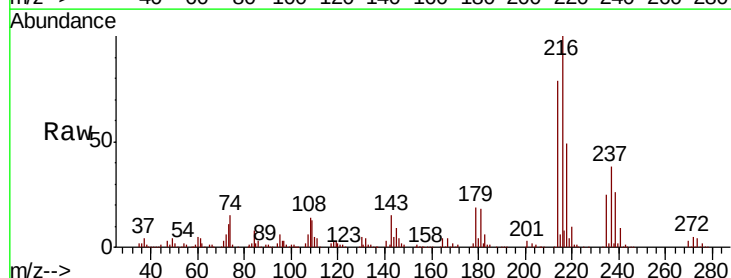
Ion Ratio Lower Upper

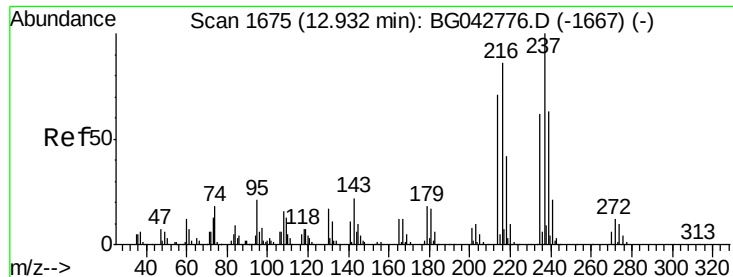
216 100

214 79.3 62.8 94.2

179 20.0 15.3 22.9

108 17.1 12.9 19.3





#41

Hexachlorocyclopentadiene

Concen: 83.041 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

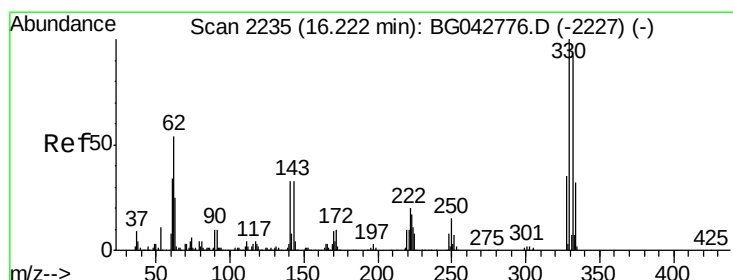
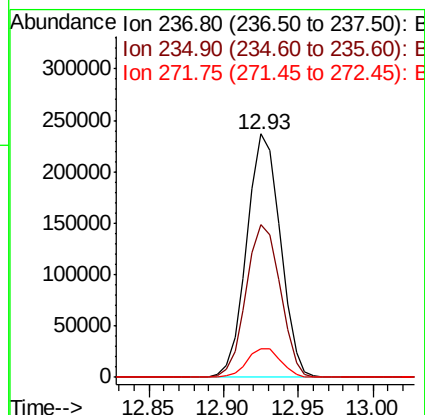
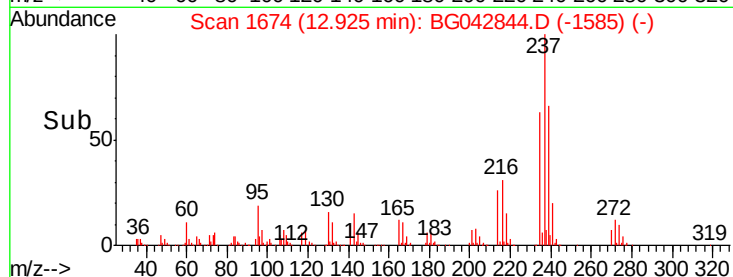
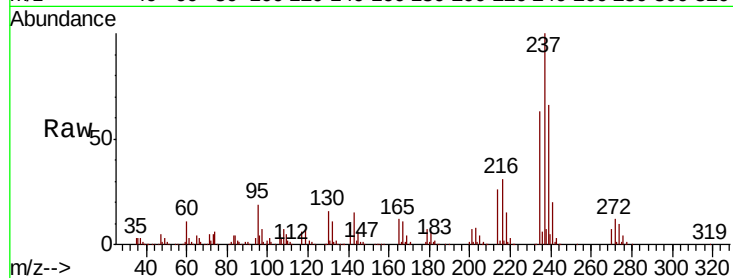
Tot Ion:237 Resp: 368308

Ion Ratio Lower Upper

237 100

235 62.7 41.9 81.9

272 12.0 0.0 31.6



#42

2,4,6-Tribromophenol

Concen: 125.219 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

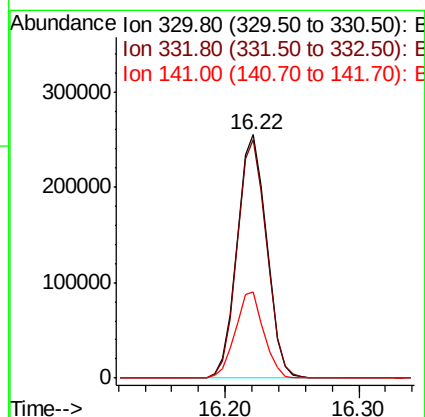
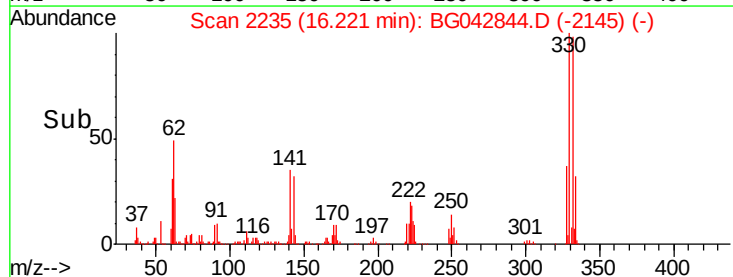
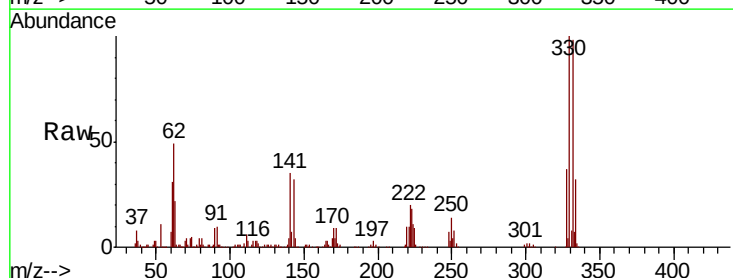
Tgt Ion:330 Resp: 390322

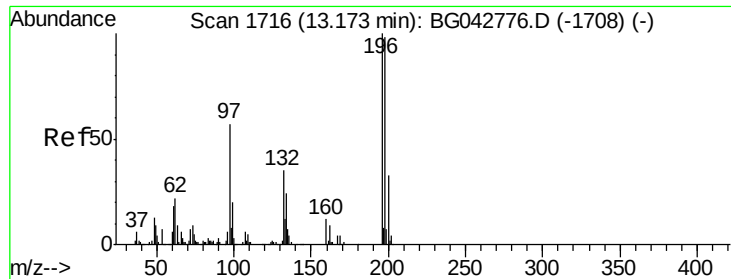
Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 34.5 27.0 40.6

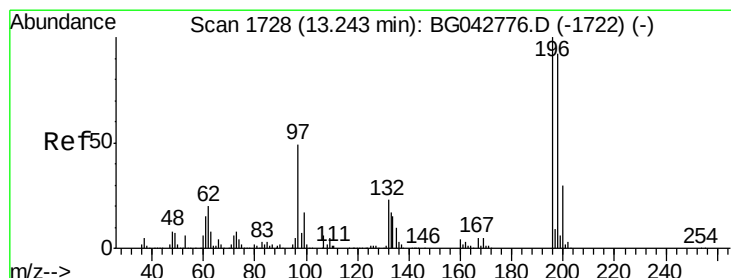
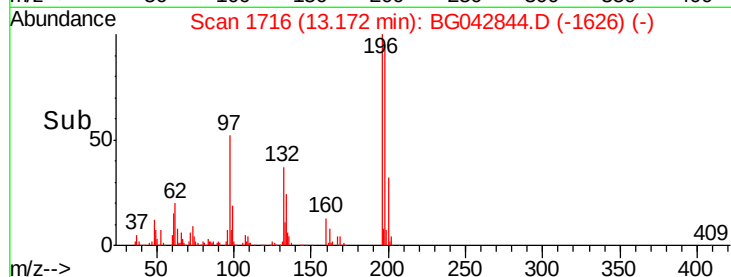
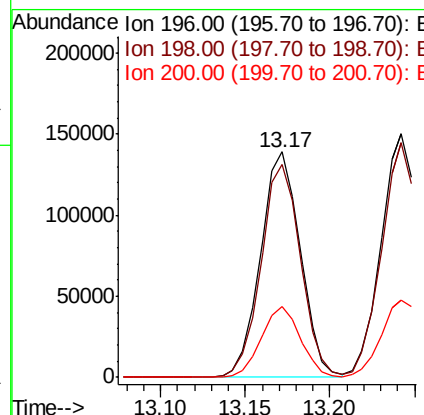
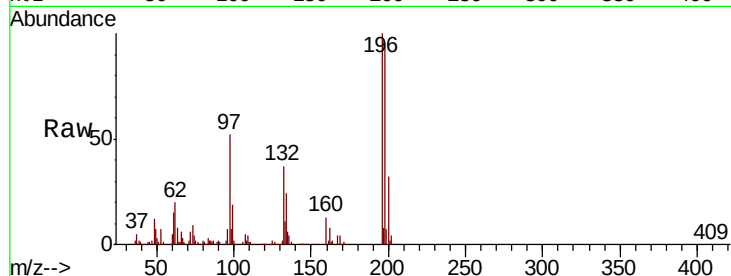




#43
 2,4,6-Trichlorophenol
 Concen: 43.977 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

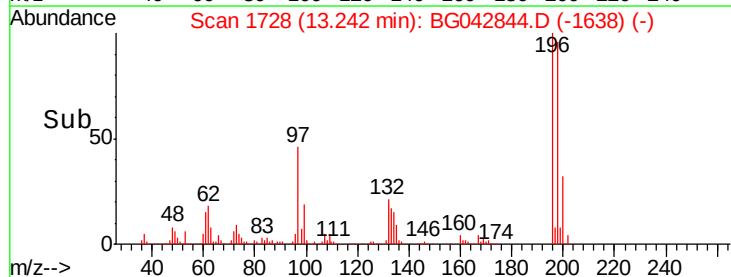
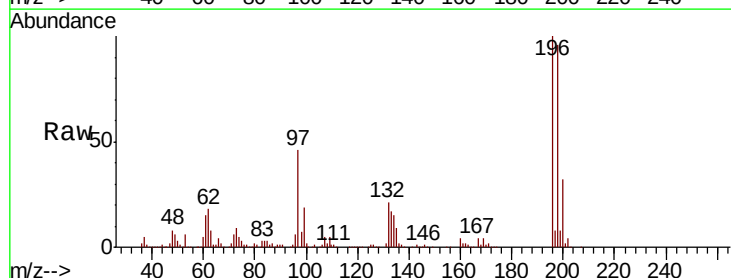
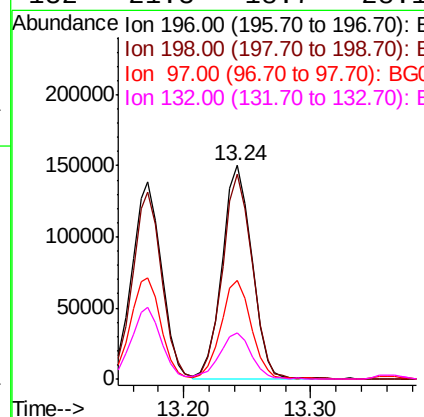
Instrument :
 BNA_G
 ClientSampled :

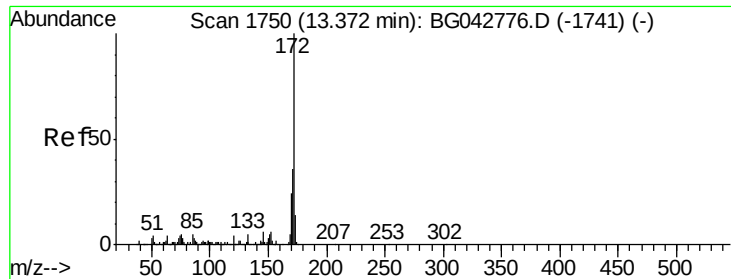
Tot Ion	196	Resp	226673
Ion Ratio	Lower	Upper	
196	100		
198	94.7	78.8	118.2
200	31.6	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.340 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	196	Resp	244657
Ion Ratio	Lower	Upper	
196	100		
198	96.2	73.4	110.0
97	45.9	39.2	58.8
132	21.3	18.7	28.1

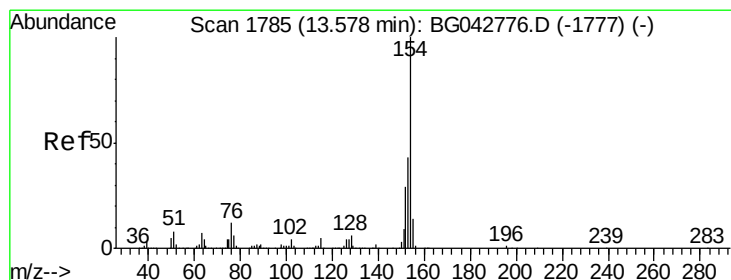
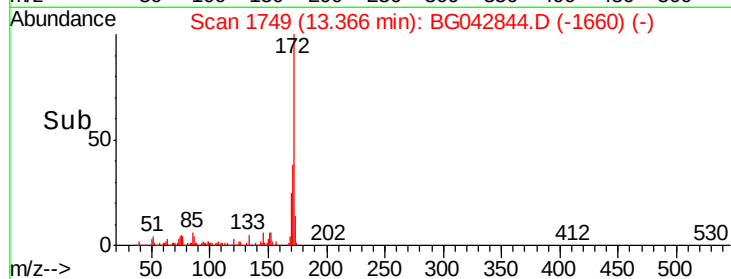
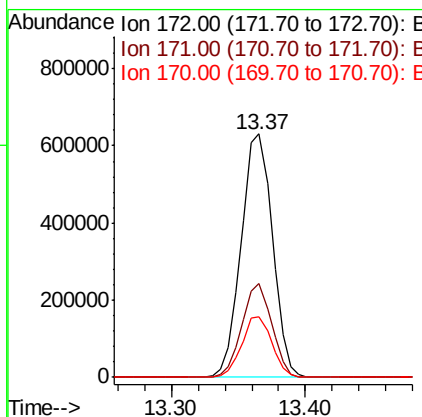
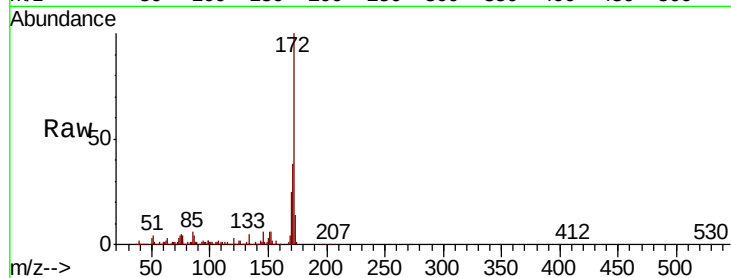




#45
2-Fluorobiphenyl
Concen: 69.120 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

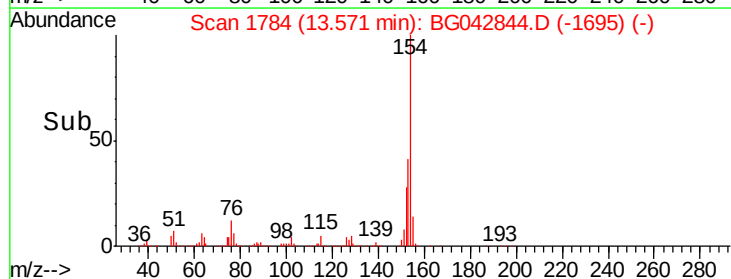
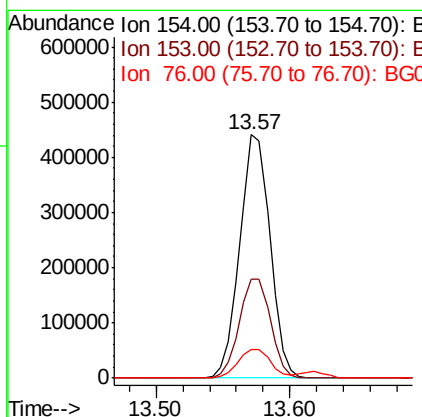
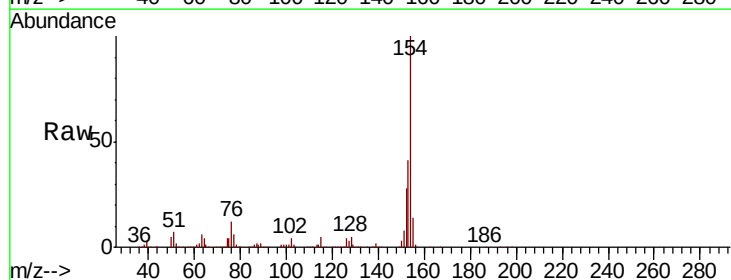
Instrument :
BNA_G
ClientSampleId :

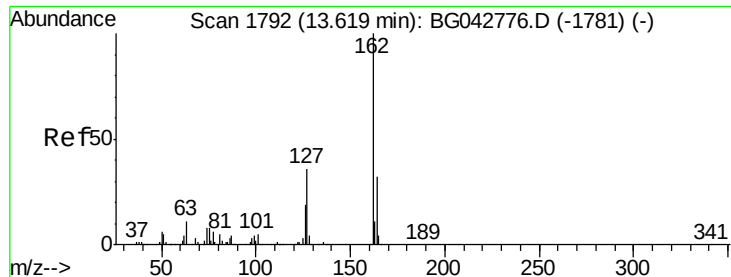
Tot Ion:172 Resp: 1023066
Ion Ratio Lower Upper
172 100
171 38.5 28.9 43.3
170 25.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.159 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:154 Resp: 691487
Ion Ratio Lower Upper
154 100
153 40.9 22.6 62.6
76 11.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 39.789 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

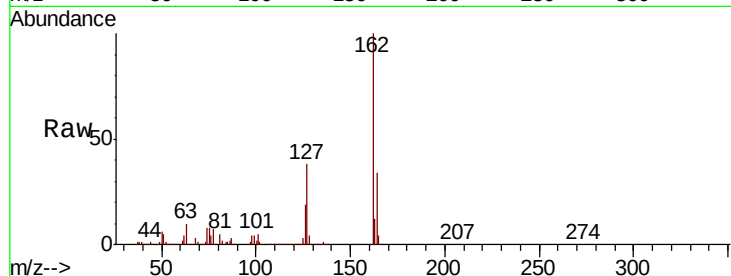
Tot Ion:162 Resp: 539867

Ion Ratio Lower Upper

162 100

127 37.6 29.3 43.9

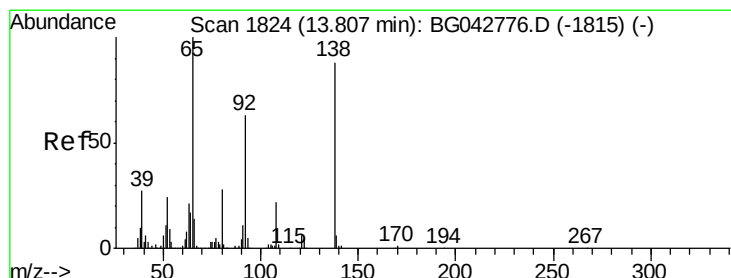
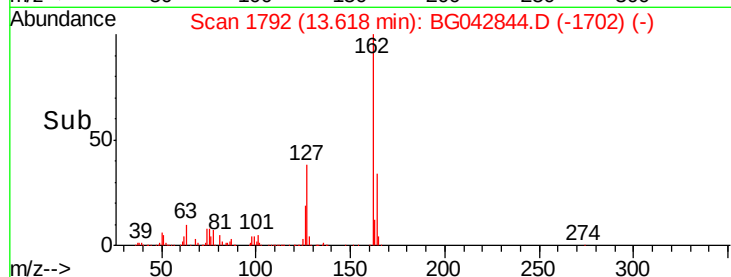
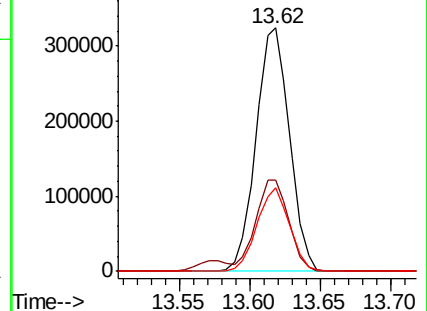
164 34.1 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.840 ng

RT: 13.81 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

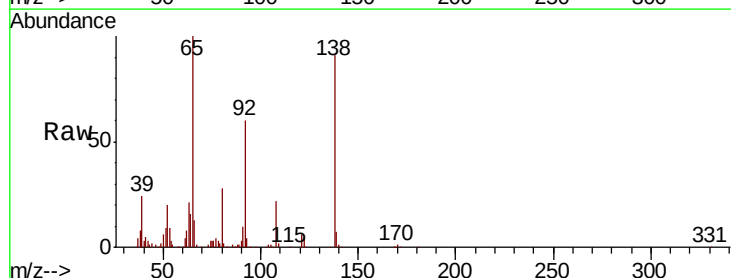
Tgt Ion: 65 Resp: 211051

Ion Ratio Lower Upper

65 100

92 60.4 50.4 75.6

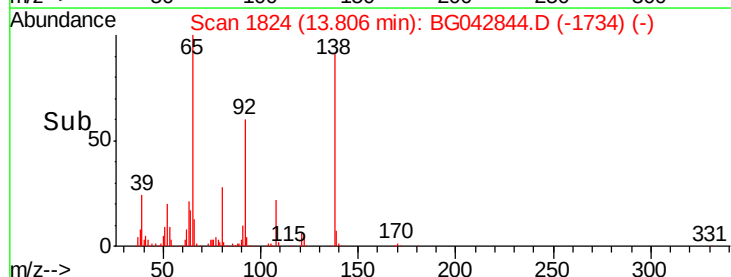
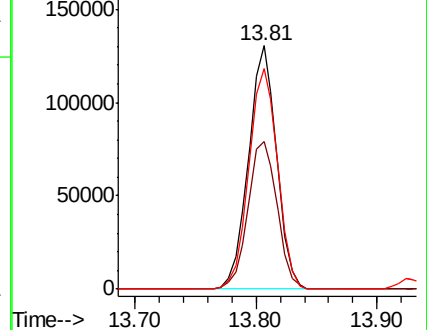
138 90.8 70.6 106.0

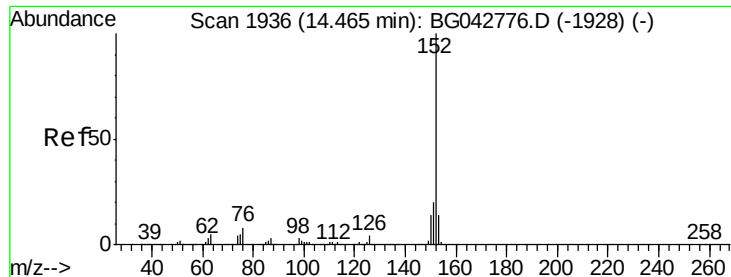


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.881 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

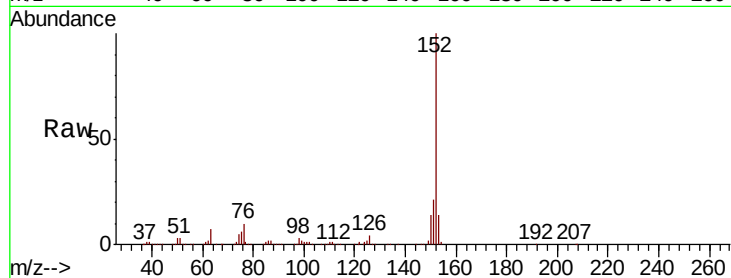
Tot Ion:152 Resp: 889114

Ion Ratio Lower Upper

152 100

151 20.9 16.0 24.0

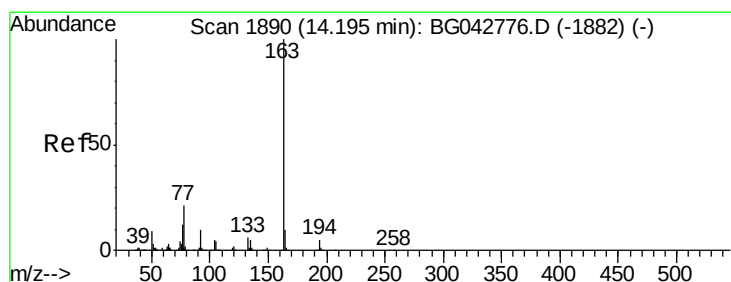
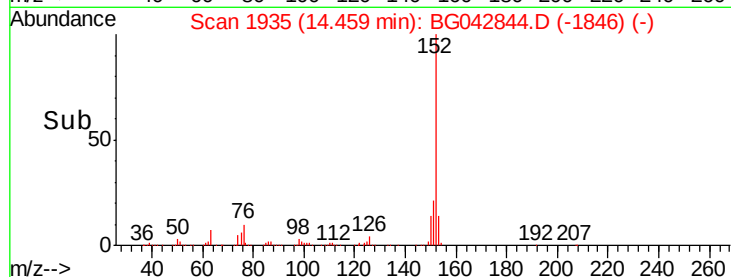
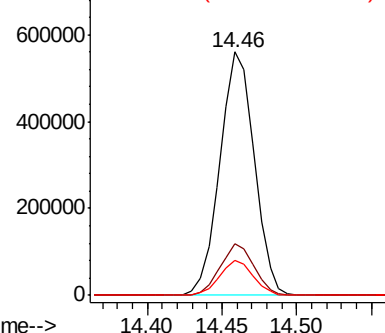
153 14.2 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.448 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

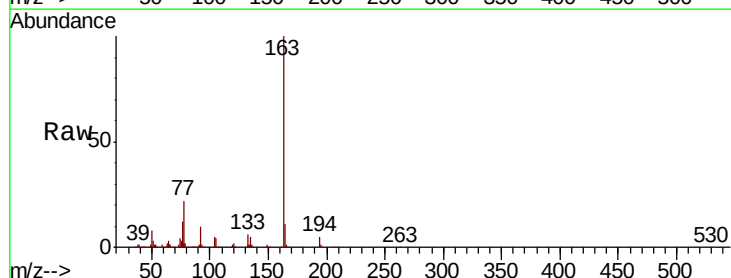
Tgt Ion:163 Resp: 745035

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.4

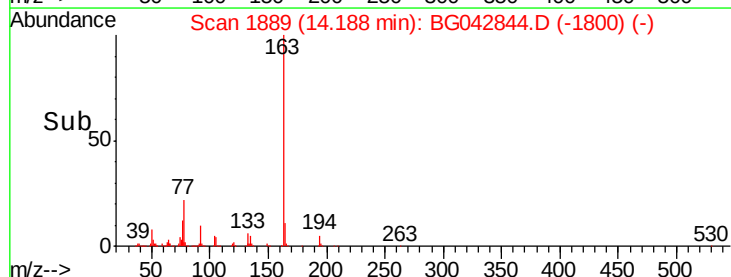
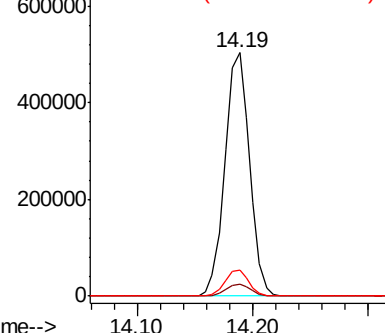
164 10.6 8.4 12.6

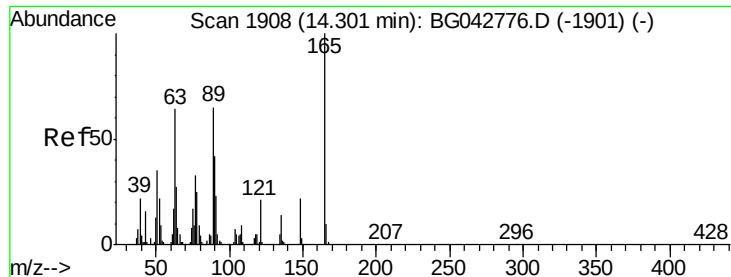


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

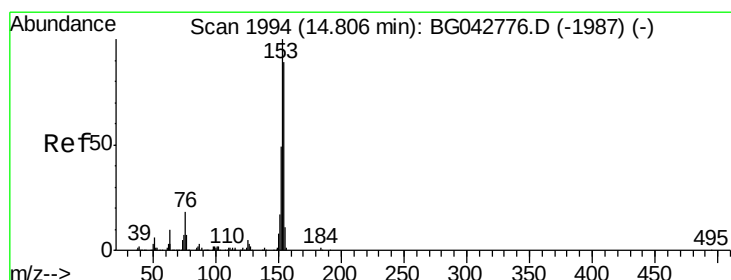
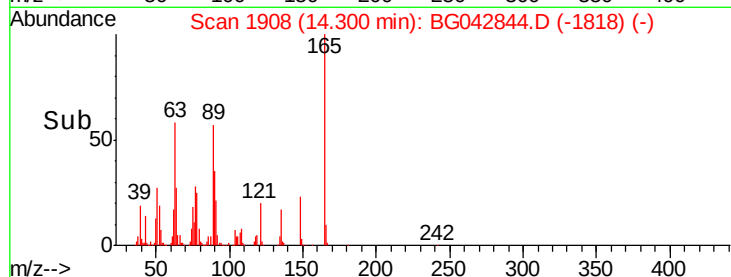
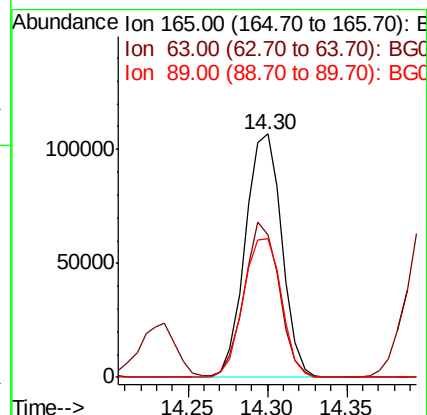
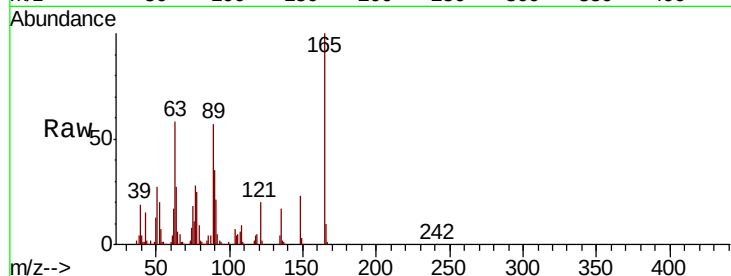




#51
2,6-Dinitrotoluene
Concen: 47.392 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

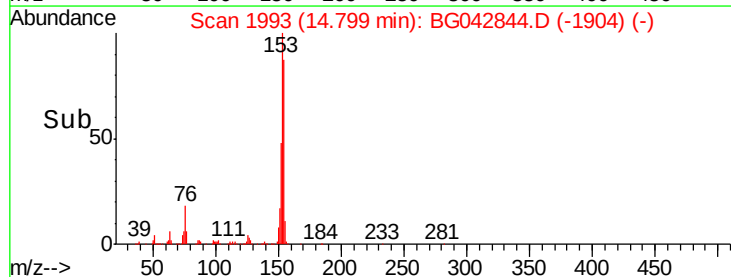
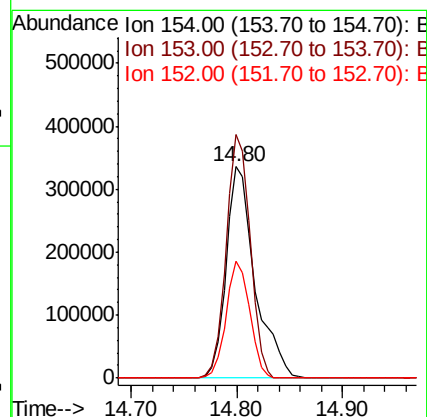
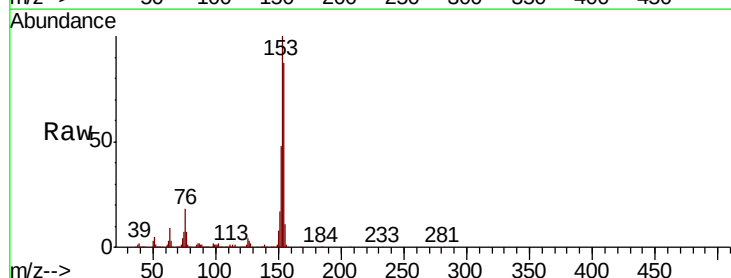
Instrument :
BNA_G
ClientSampleId :

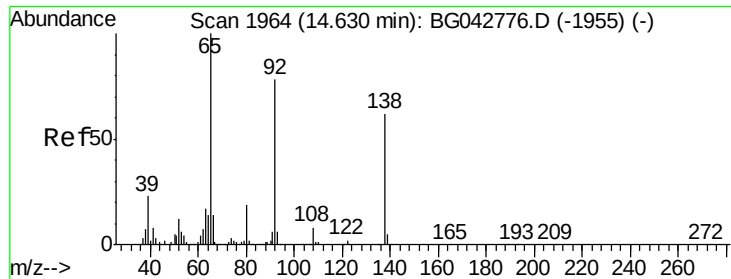
Tot Ion:165 Resp: 170678
Ion Ratio Lower Upper
165 100
63 58.3 52.1 78.1
89 56.7 51.7 77.5



#52
Acenaphthene
Concen: 47.025 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:154 Resp: 636996
Ion Ratio Lower Upper
154 100
153 115.4 89.4 134.2
152 55.7 43.5 65.3

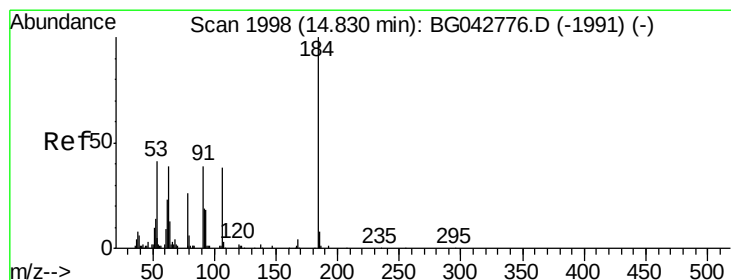
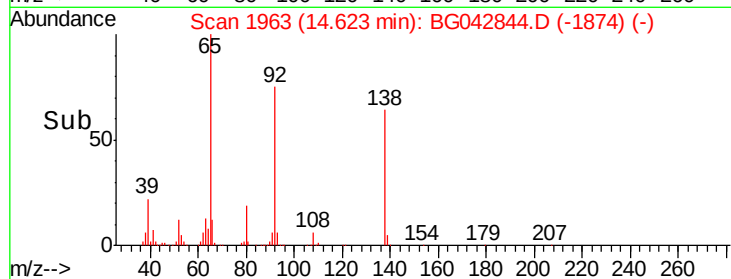
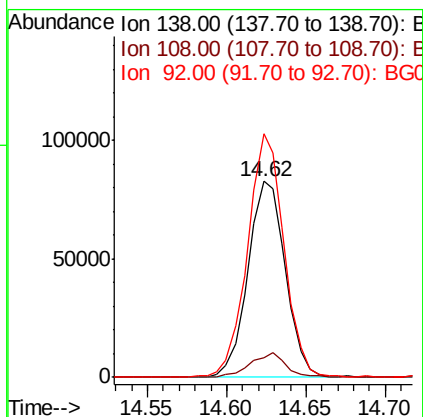
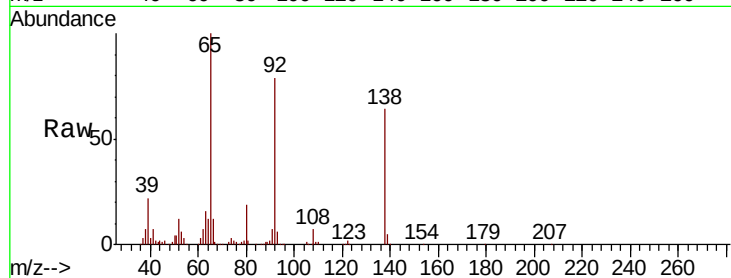




#53
 3-Nitroaniline
 Concen: 33.539 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

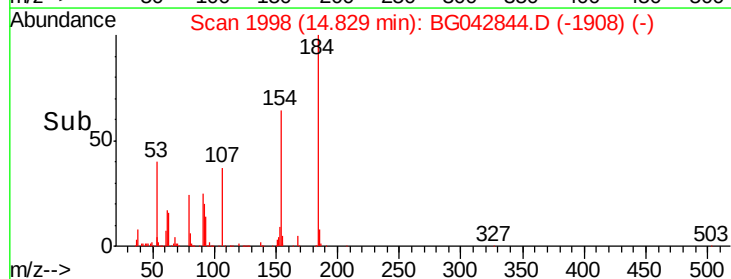
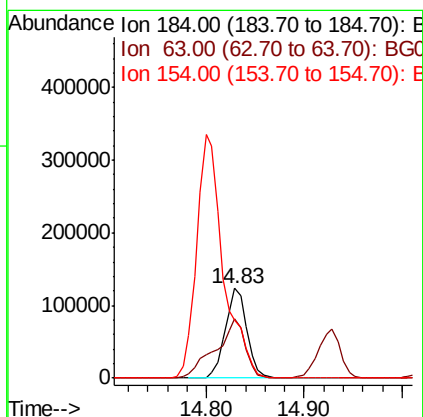
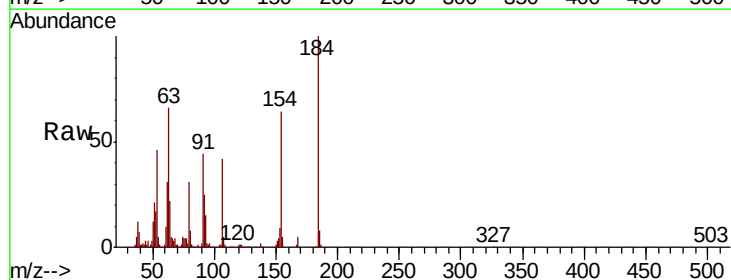
Instrument :
 BNA_G
 ClientSampleId :

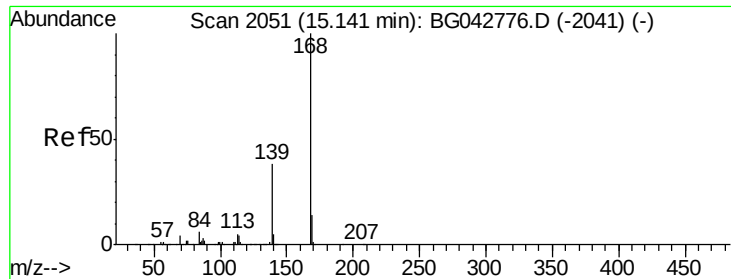
Tot Ion:138 Resp: 135565
 Ion Ratio Lower Upper
 138 100
 108 10.3 10.7 16.1#
 92 124.3 100.5 150.7



#54
 2,4-Dinitrophenol
 Concen: 107.392 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion:184 Resp: 190399
 Ion Ratio Lower Upper
 184 100
 63 65.8 46.2 69.4
 154 64.0 81.3 121.9#

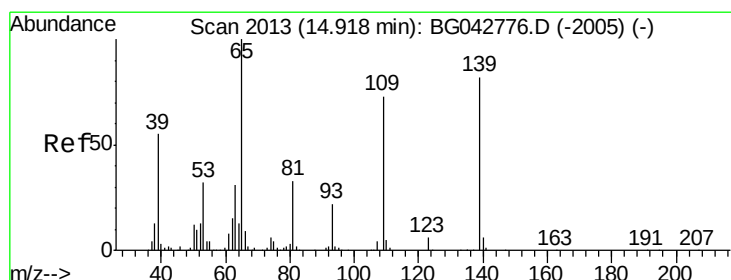
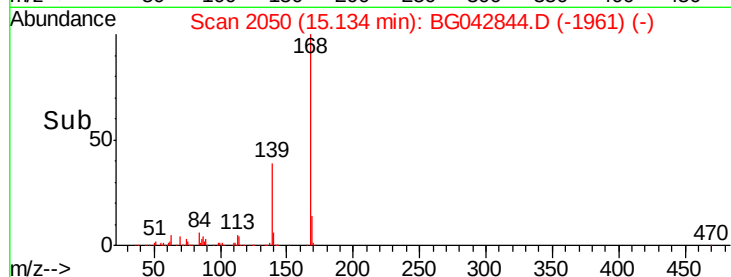
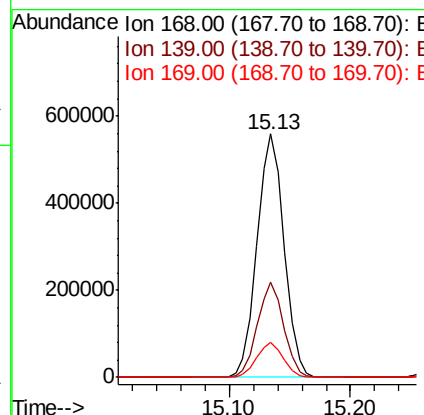
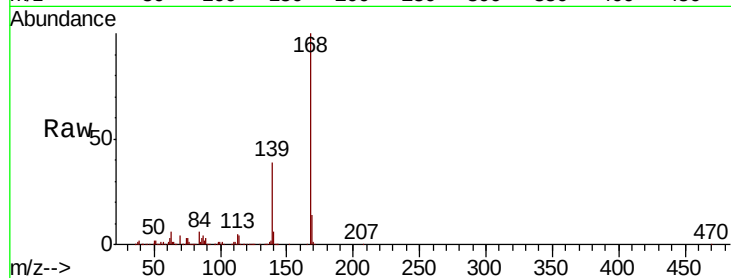




#55
Dibenzenofuran
Concen: 43.122 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

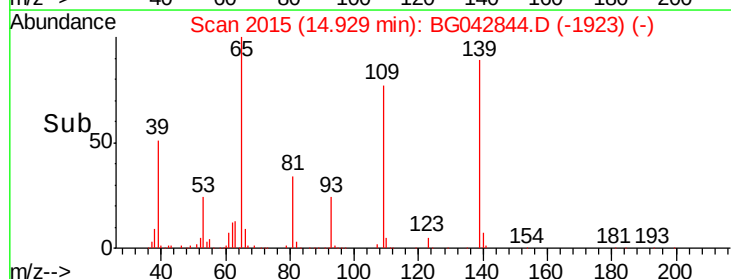
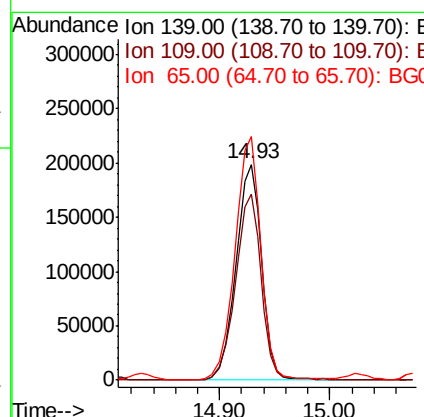
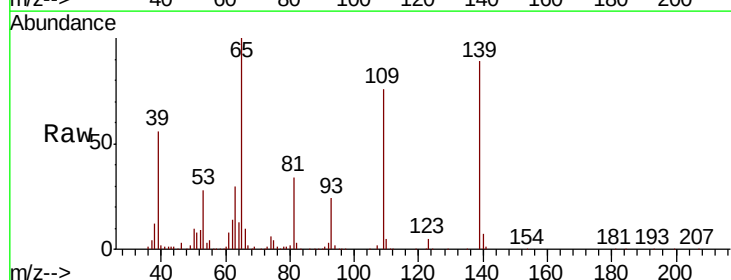
Instrument :
BNA_G
ClientSampleId :

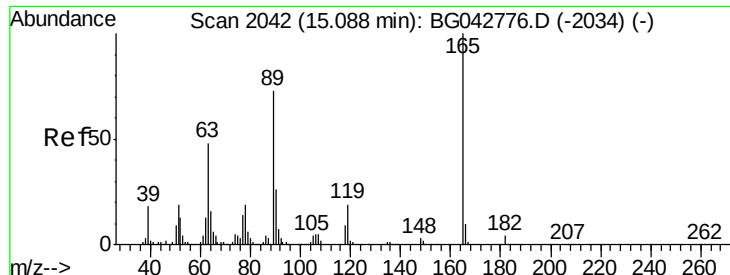
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.2	45.4
169	14.1	11.2	16.8



#56
4-Nitrophenol
Concen: 103.461 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.3	69.4	109.4
65	113.0	102.5	142.5

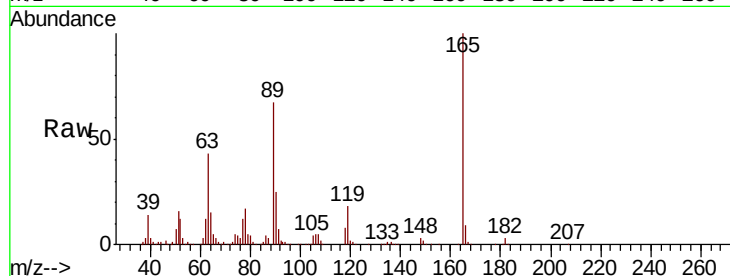




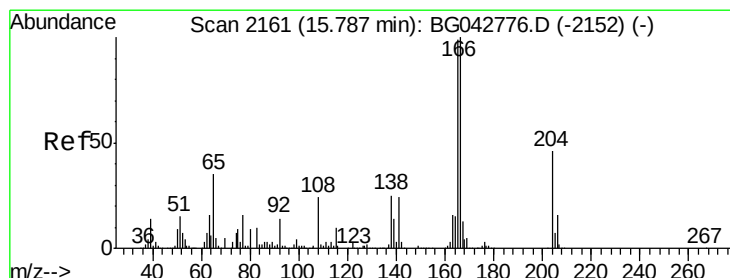
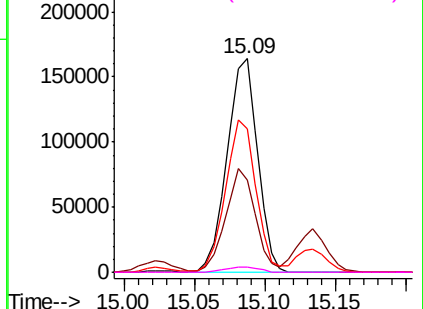
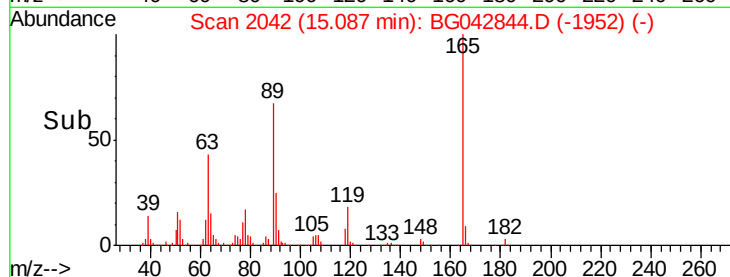
#57
 2,4-Dinitrotoluene
 Concen: 51.367 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	246584
Ion	Ratio	Lower	Upper
165	100		
63	43.0	38.3	57.5
89	67.1	58.4	87.6
182	2.7	2.9	4.3#

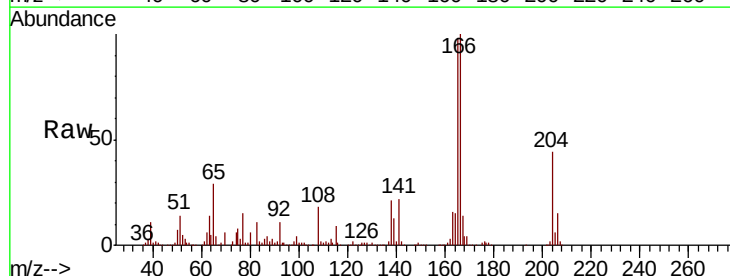


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

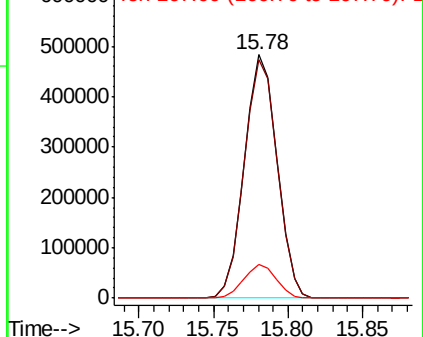
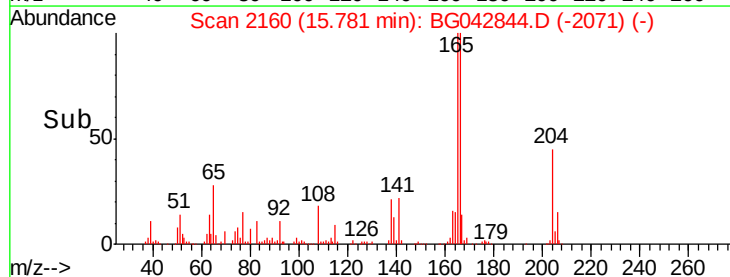


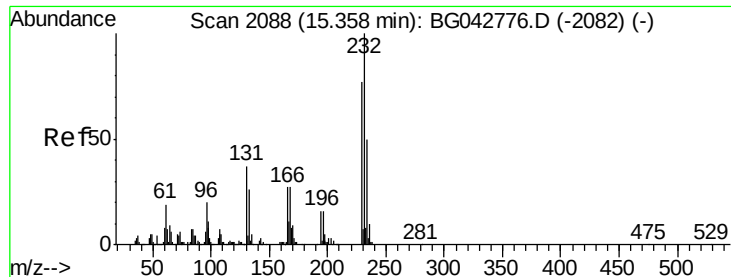
#58
 Fluorene
 Concen: 43.835 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion:	166	Resp:	731459
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.1	118.7
167	14.0	10.7	16.1



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

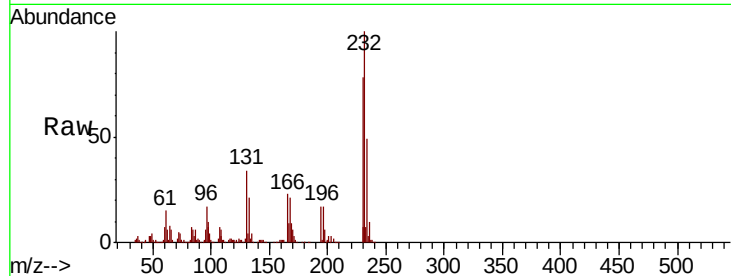




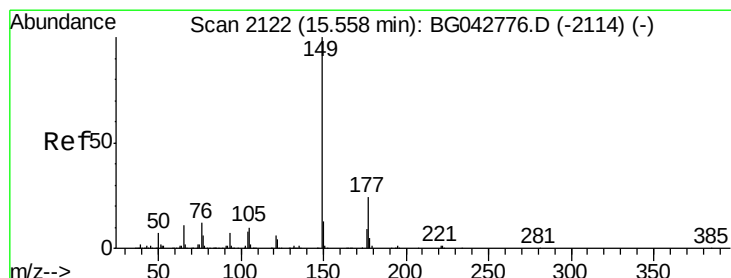
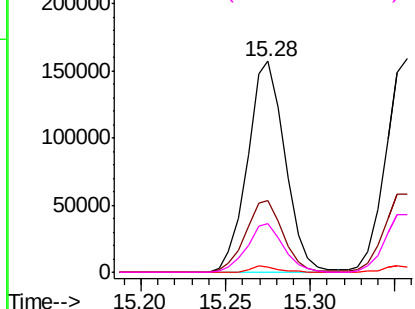
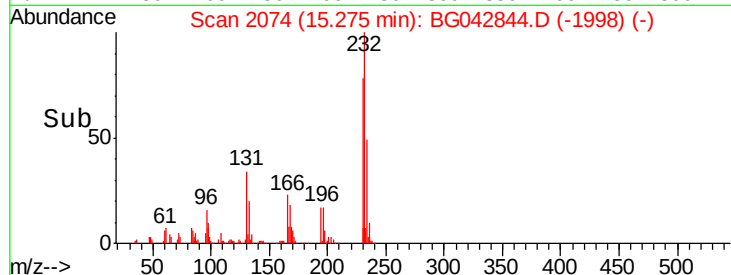
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.609 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. -0.08 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	243661
Ion	Ratio	Lower	Upper
232	100		
131	34.1	31.1	46.7
130	2.2	1.8	2.6
166	22.2	21.7	32.5

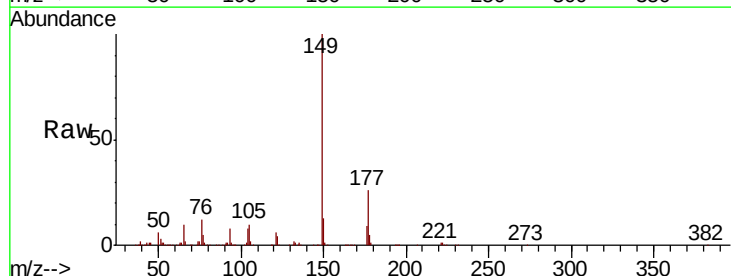


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

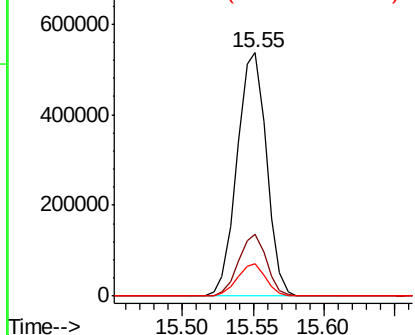
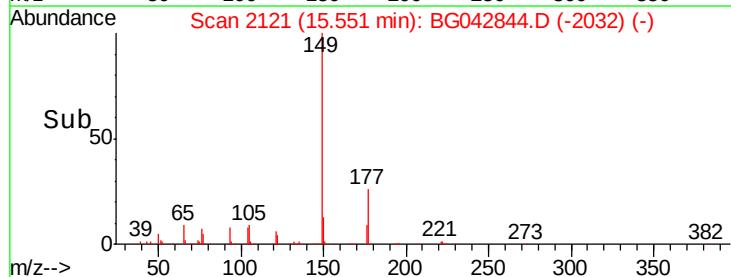


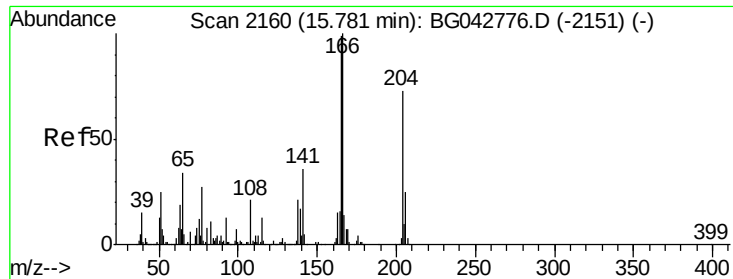
#60
 Diethylphthalate
 Concen: 43.808 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion:	149	Resp:	780492
Ion	Ratio	Lower	Upper
149	100		
177	25.5	19.4	29.0
150	13.3	10.2	15.4



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

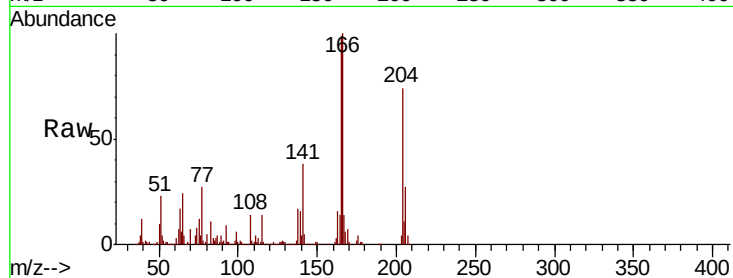




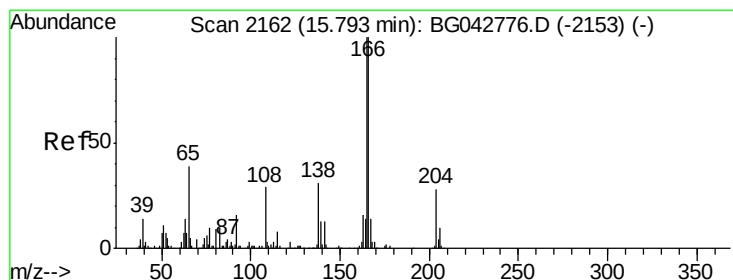
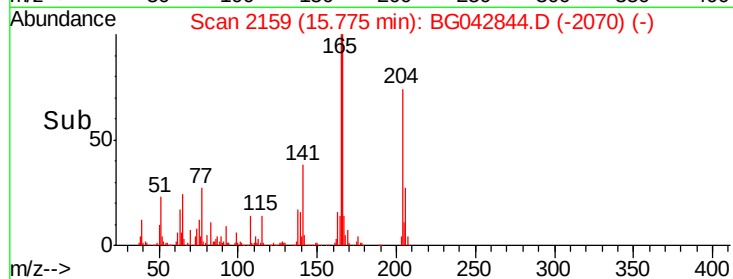
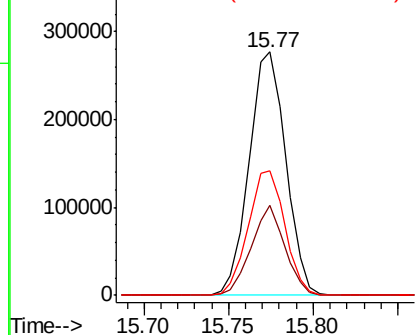
#61
4-Chlorophenyl-phenylether
Concen: 42.456 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 418883
Ion Ratio Lower Upper
204 100
206 37.0 27.6 41.4
141 51.2 39.8 59.6

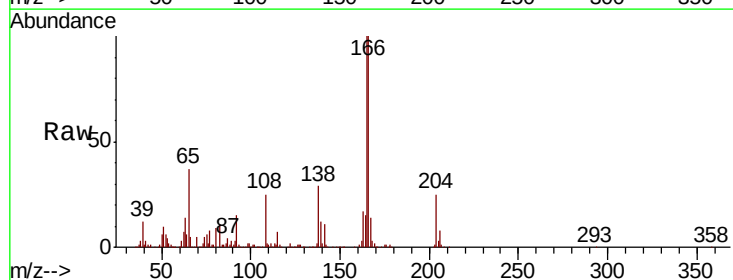


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

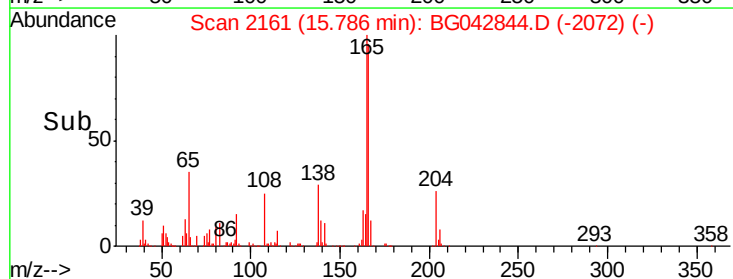
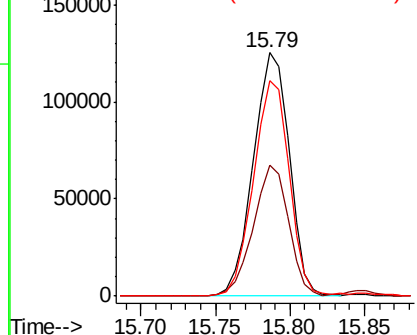


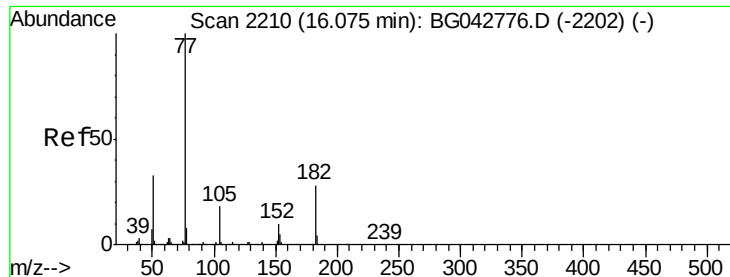
#62
4-Nitroaniline
Concen: 48.031 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:138 Resp: 209263
Ion Ratio Lower Upper
138 100
92 53.8 31.4 71.4
108 88.6 74.8 114.8



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

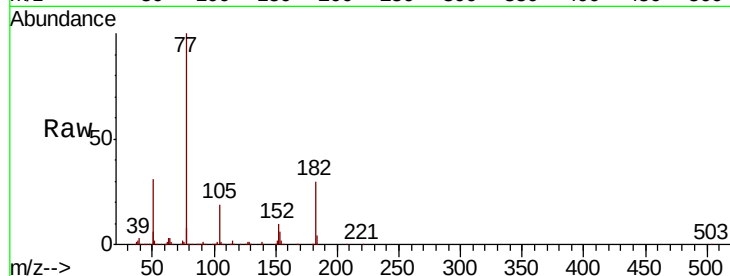




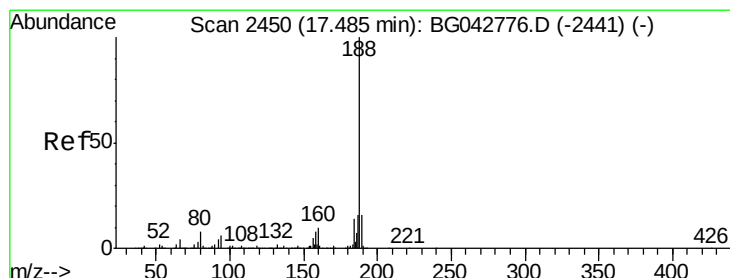
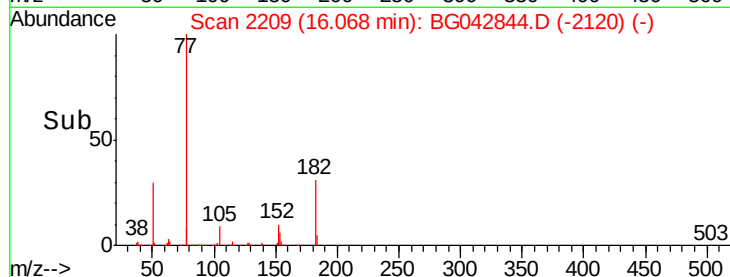
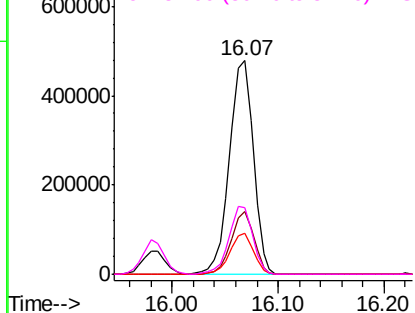
#63
Azobenzene
Concen: 43.628 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	748505
Ion	Ratio	Lower	Upper
77	100		
182	29.6	8.1	48.1
105	19.4	0.0	38.1
51	31.4	12.9	52.9

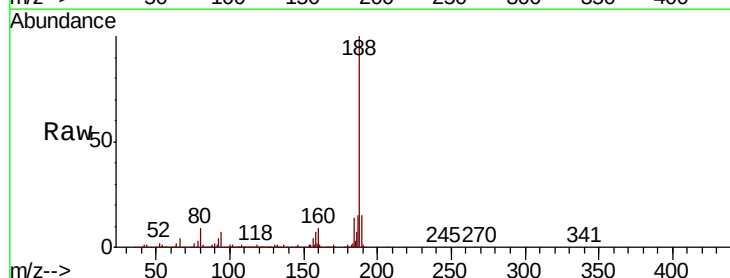


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

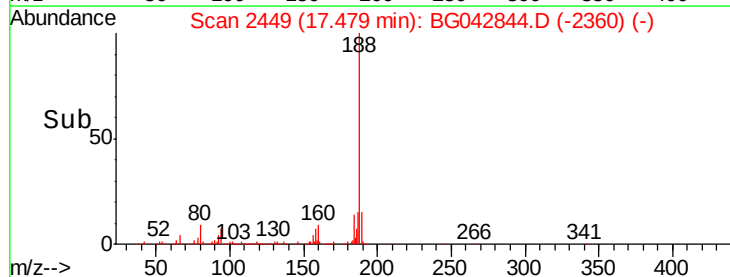
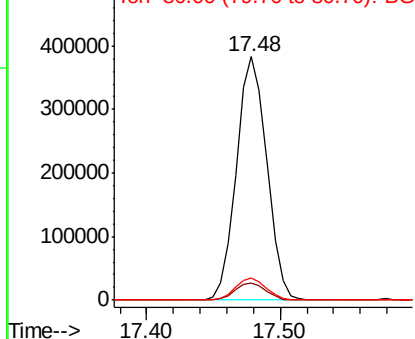


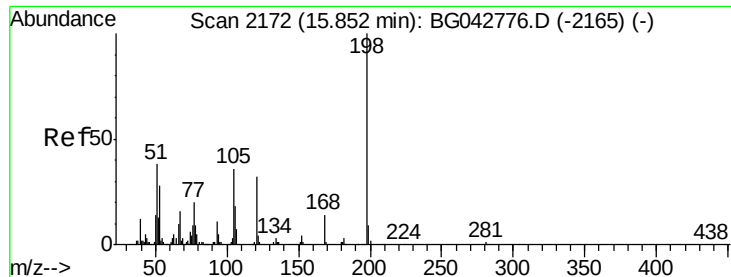
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:	188	Resp:	603440
Ion	Ratio	Lower	Upper
188	100		
94	7.1	4.8	7.2
80	8.9	6.6	9.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 54.852 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

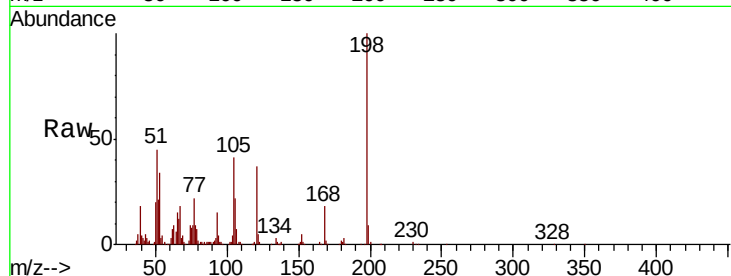
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 141630

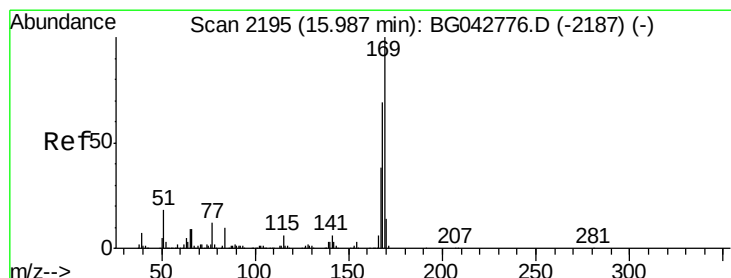
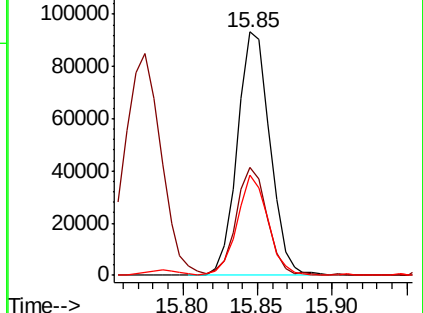
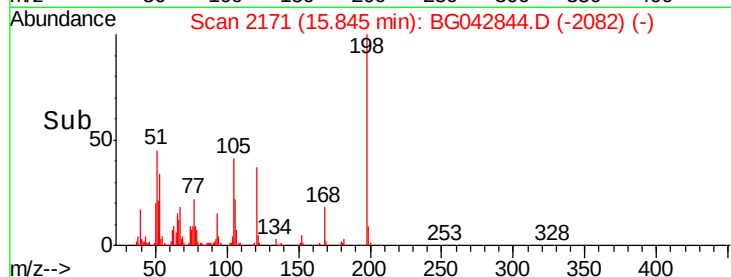
Ion	Ratio	Lower	Upper
198	100		
51	44.5	20.9	60.9
105	41.3	16.4	56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.535 ng

RT: 15.99 min Scan# 2195

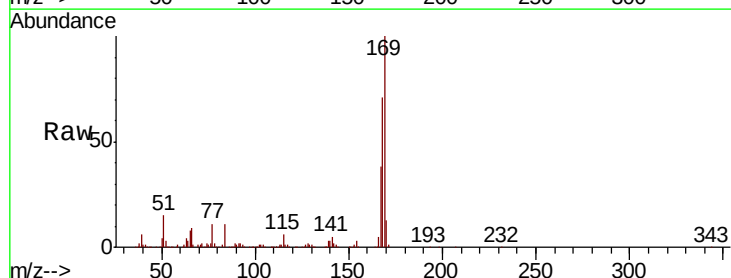
Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:169 Resp: 674448

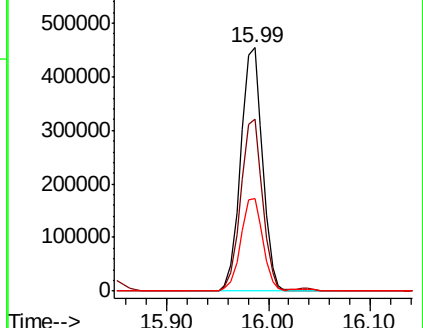
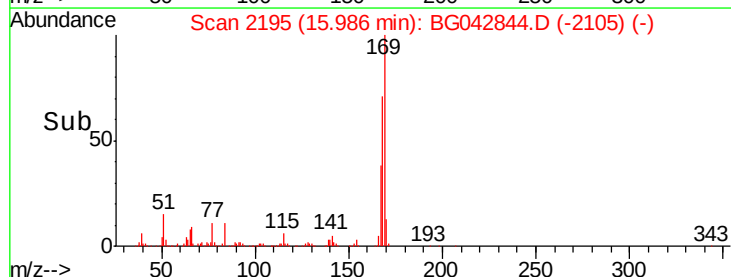
Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.4	83.2
167	38.2	30.4	45.6

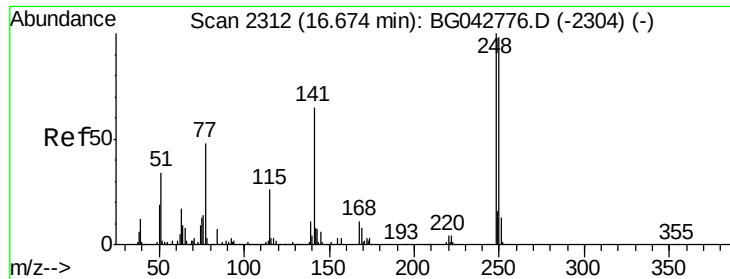


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

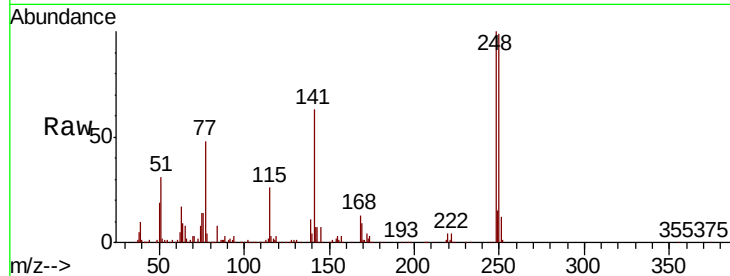




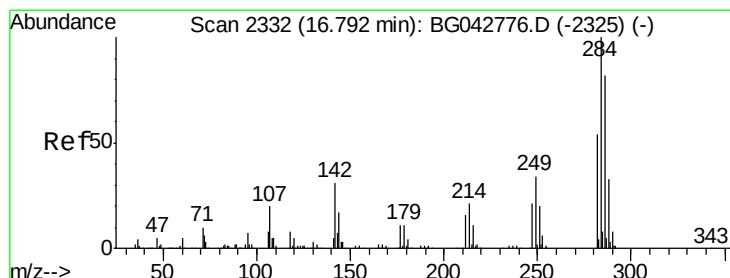
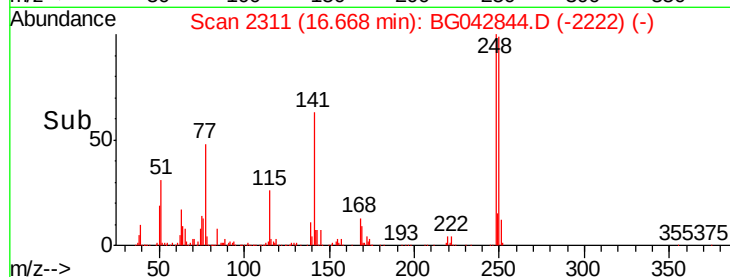
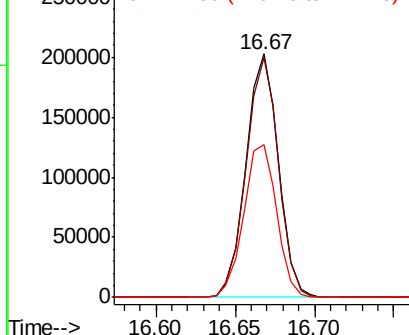
#67
4-Bromophenyl-phenylether
Concen: 39.391 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 287704
Ion Ratio Lower Upper
248 100
250 98.5 78.0 117.0
141 62.8 51.8 77.6

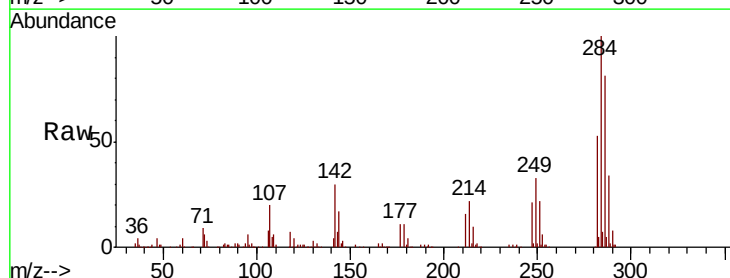


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

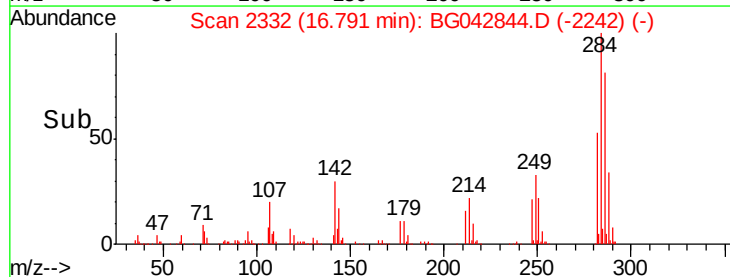
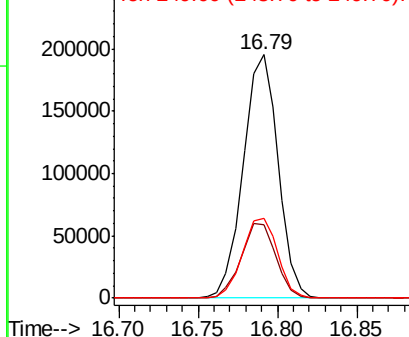


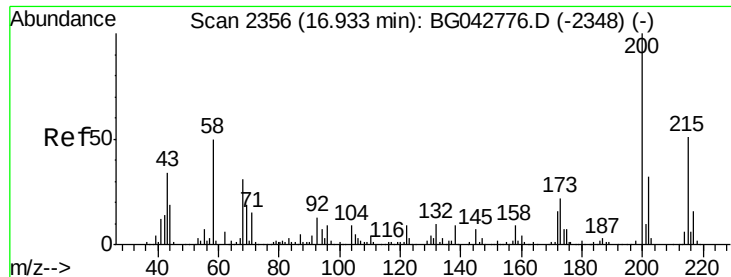
#68
Hexachlorobenzene
Concen: 38.178 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:284 Resp: 297960
Ion Ratio Lower Upper
284 100
142 30.4 24.7 37.1
249 32.5 27.0 40.4



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: 49.576 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampled :

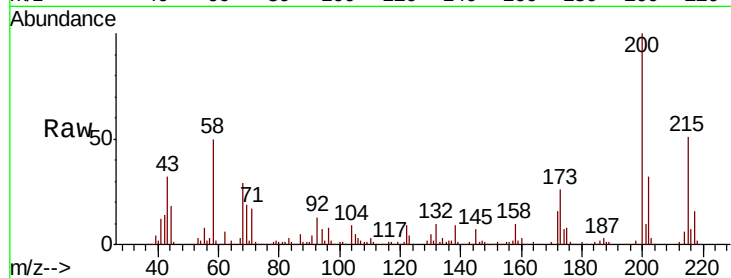
Tot Ion:200 Resp: 280334

Ion Ratio Lower Upper

200 100

173 25.8 2.5 42.5

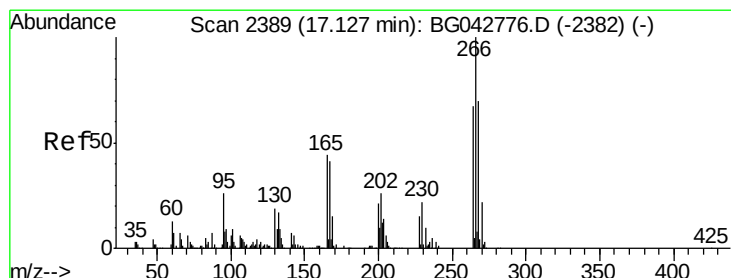
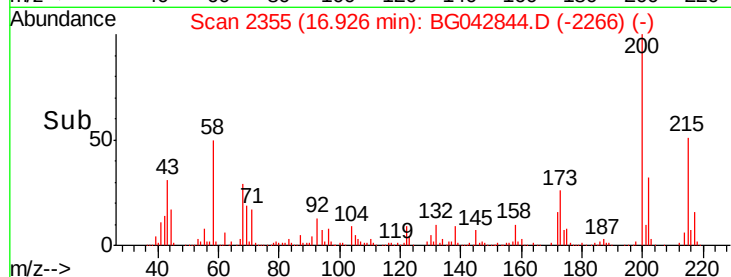
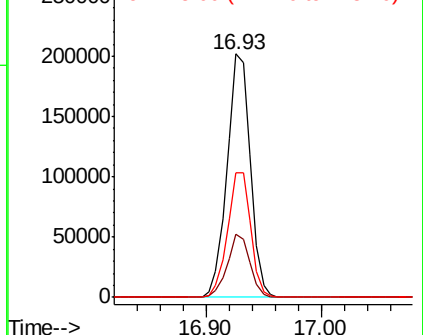
215 51.0 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.552 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

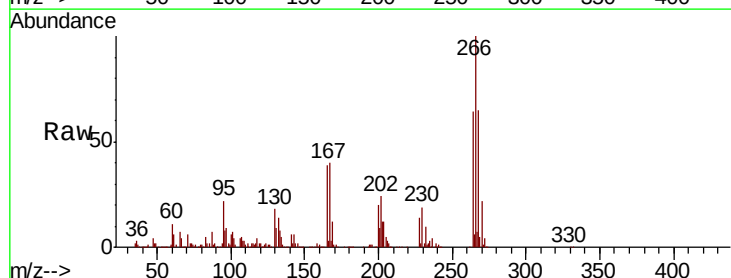
Tgt Ion:266 Resp: 428497

Ion Ratio Lower Upper

266 100

268 64.6 56.2 84.4

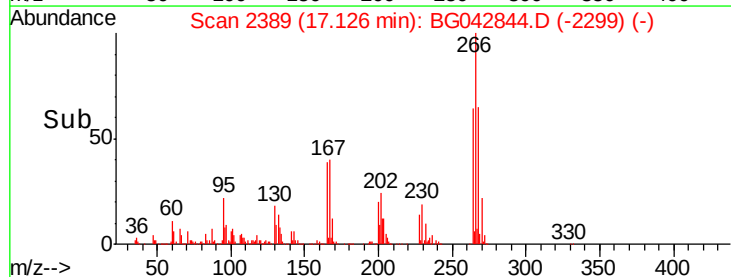
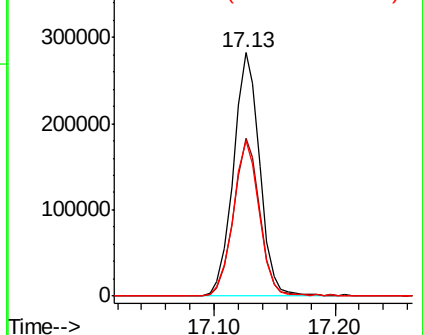
264 63.8 53.4 80.2

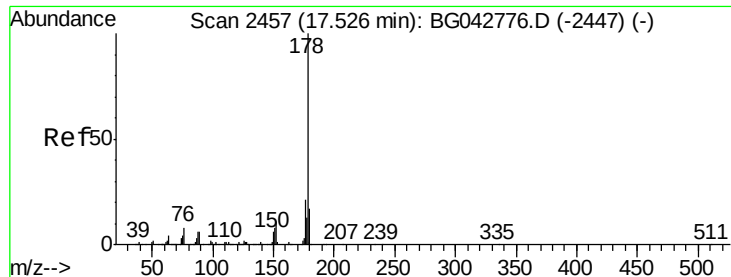


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.534 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

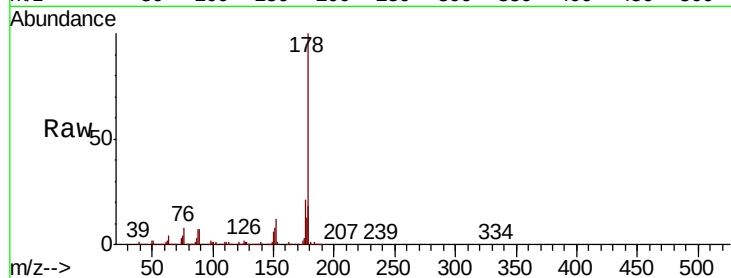
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1227489

Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.0	25.4
179	17.6	13.6	20.4

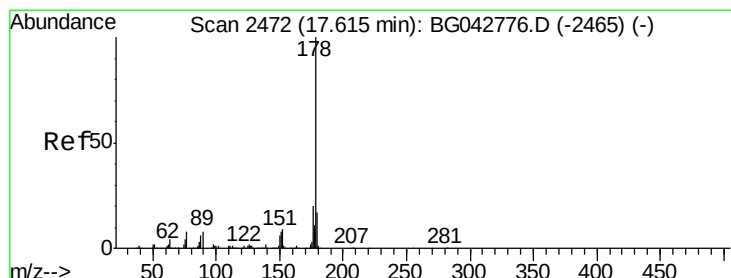
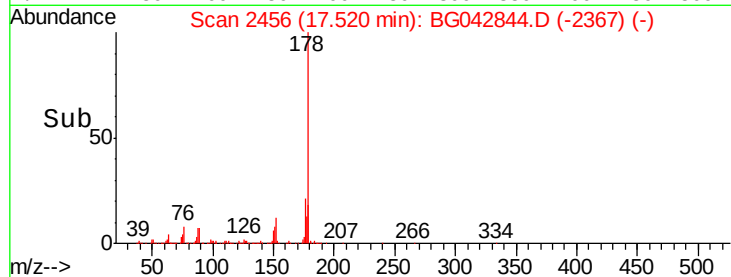
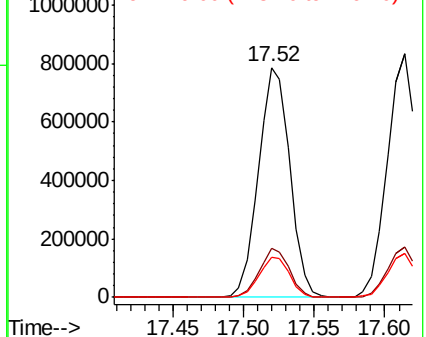


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.267 ng

RT: 17.61 min Scan# 2472

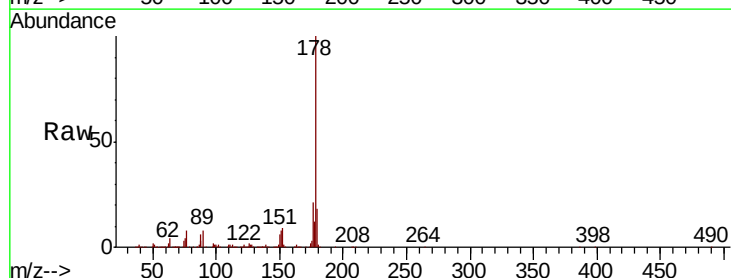
Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:178 Resp: 1247470

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	17.9	13.6	20.4

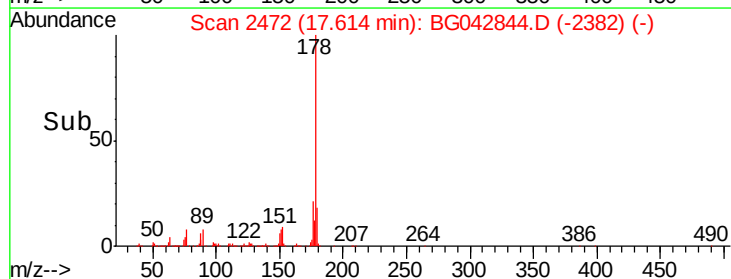
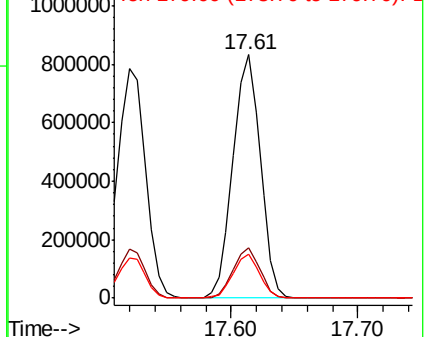


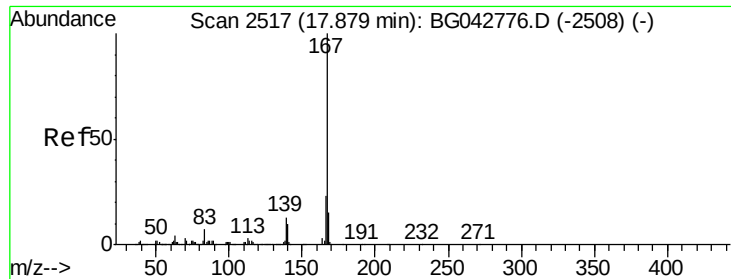
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.332 ng

RT: 17.87 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

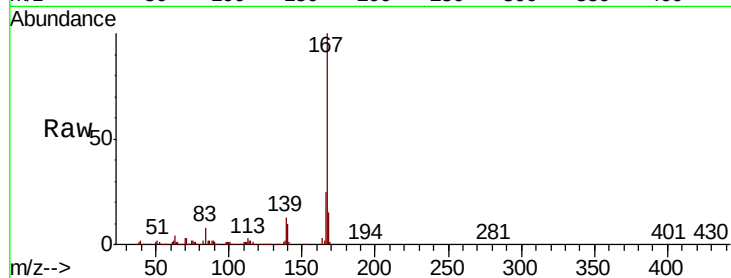
Tot Ion:167 Resp: 1214834

Ion Ratio Lower Upper

167 100

166 25.2 18.3 27.5

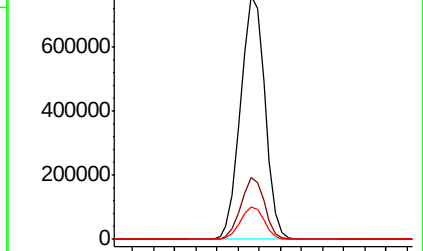
139 13.2 10.2 15.4



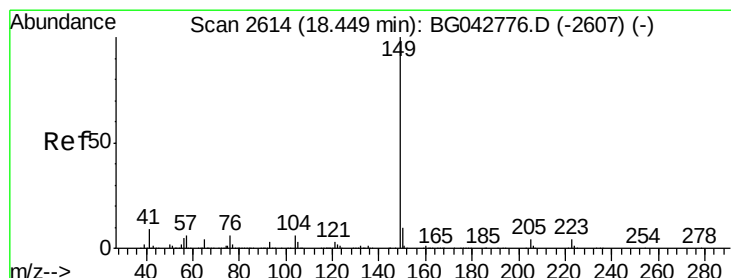
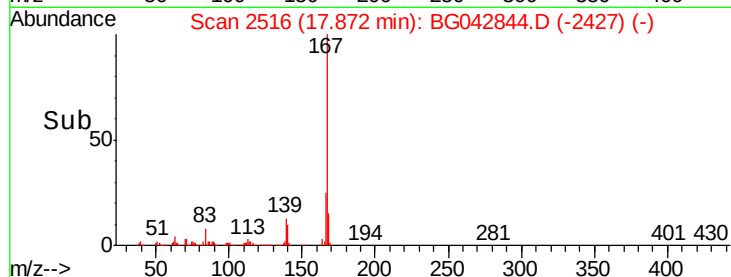
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 42.369 ng

RT: 18.44 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

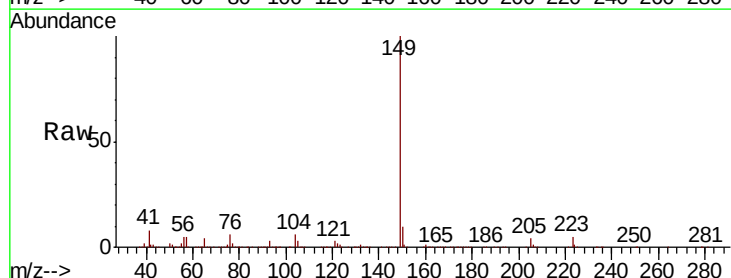
Tgt Ion:149 Resp: 1390811

Ion Ratio Lower Upper

149 100

150 10.3 8.0 12.0

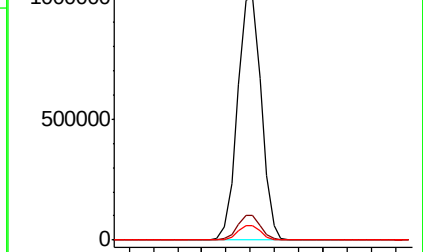
104 6.0 5.1 7.7



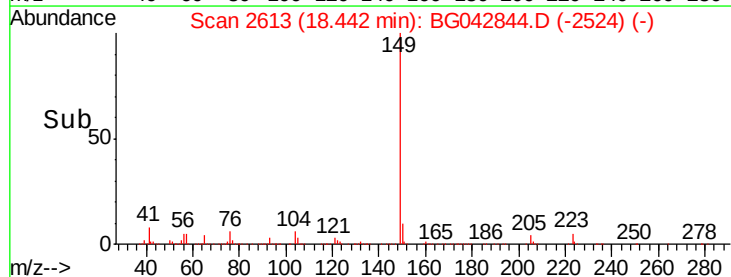
Abundance Ion 149.00 (148.70 to 149.70): E

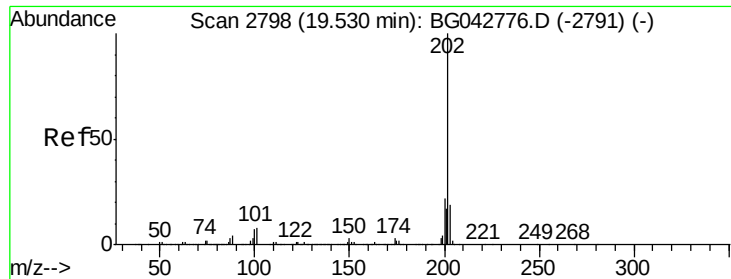
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

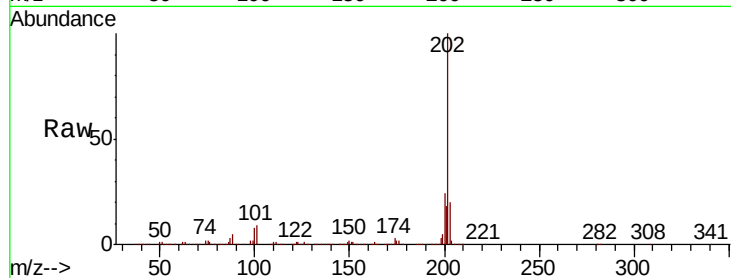




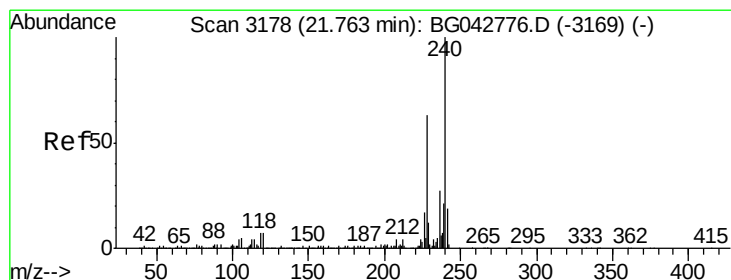
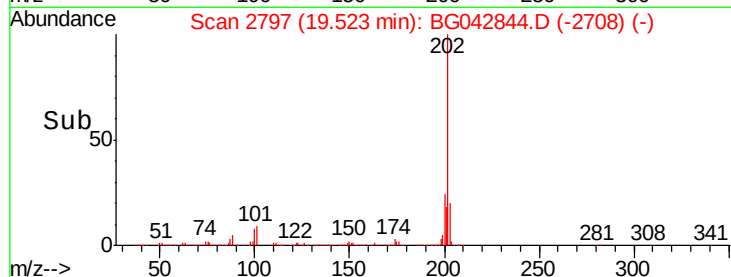
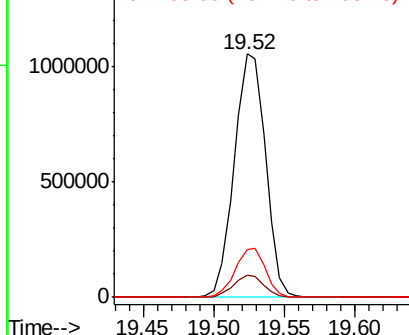
#75
Fluoranthene
Concen: 43.549 ng
RT: 19.52 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:202 Resp: 1628826
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.8
203 19.9 0.0 39.1

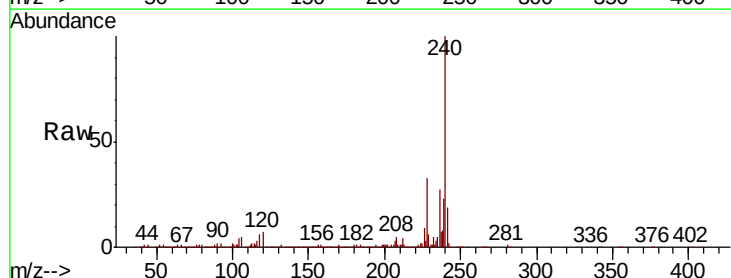


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

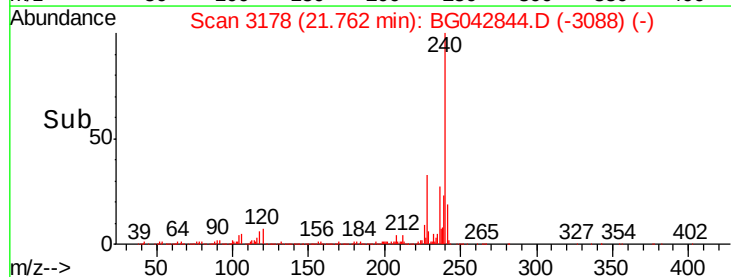
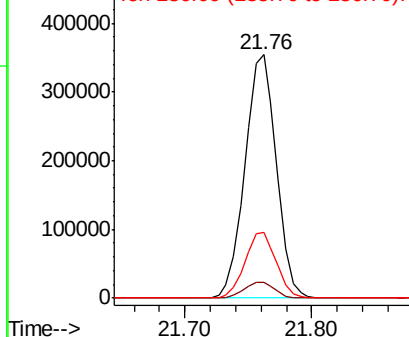


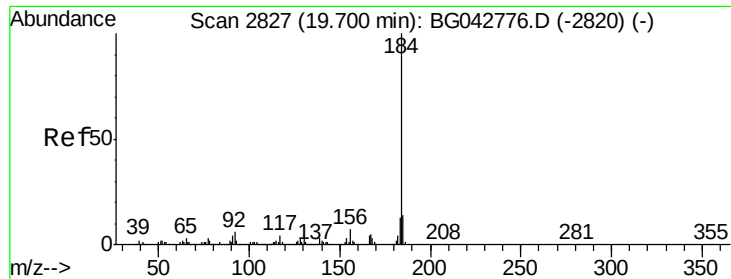
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:240 Resp: 608923
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.2
236 26.9 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.441 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

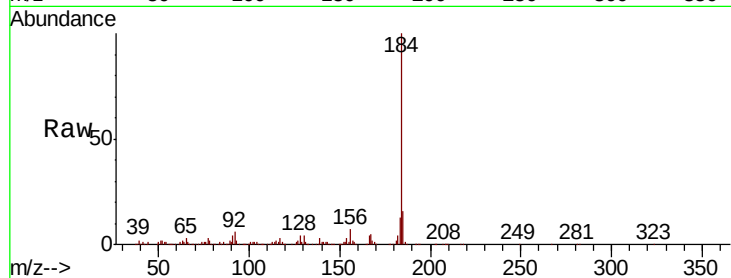
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 636974

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.6	17.4
183	12.9	10.4	15.6

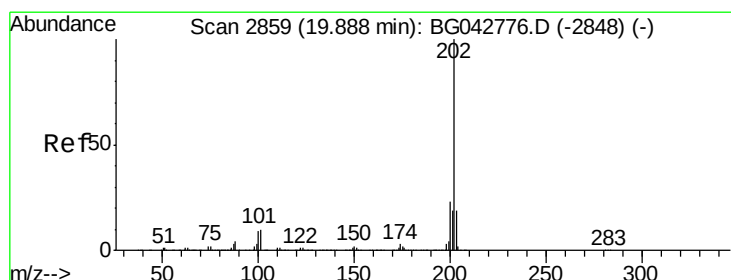
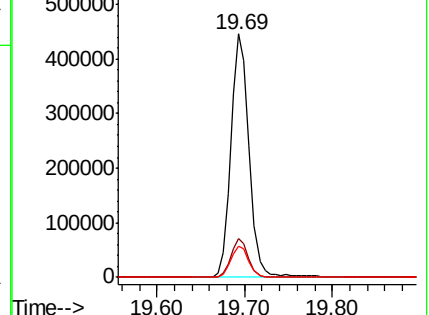
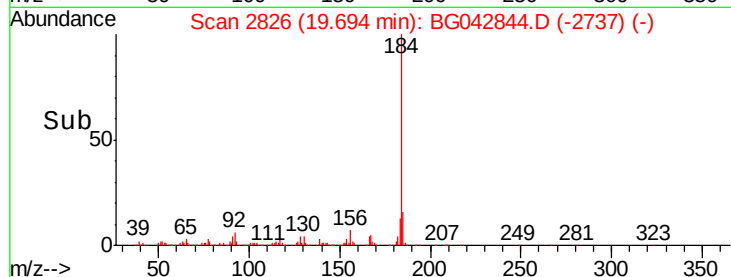


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.840 ng

RT: 19.89 min Scan# 2859

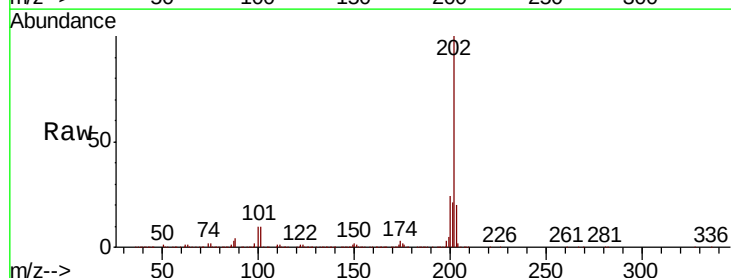
Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:202 Resp: 1633177

Ion	Ratio	Lower	Upper
202	100		
200	24.3	18.5	27.7
203	20.3	15.3	22.9

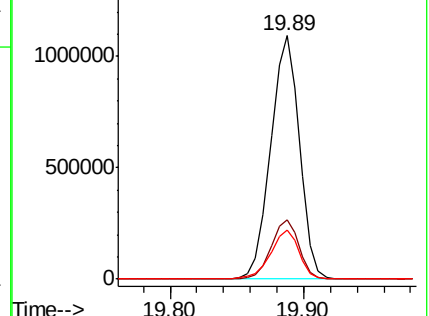
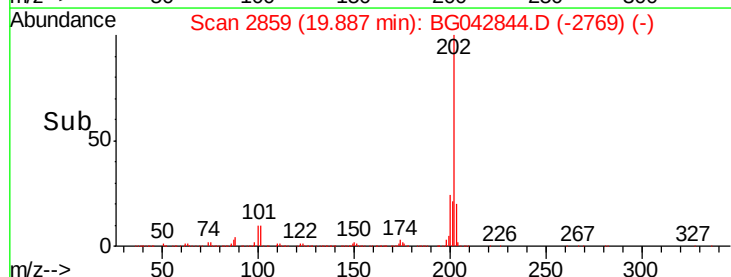


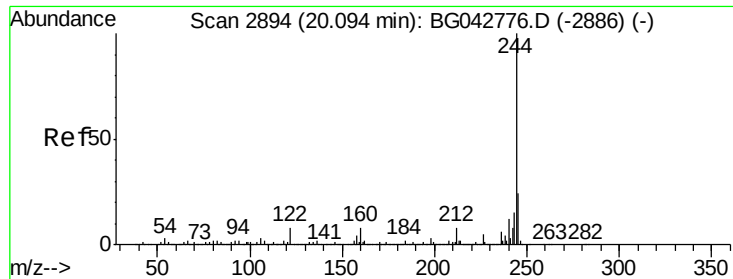
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.665 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

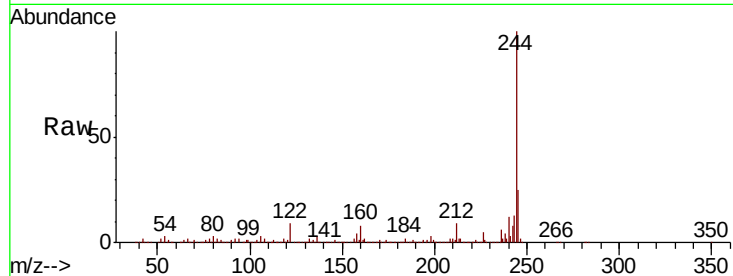
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2023942

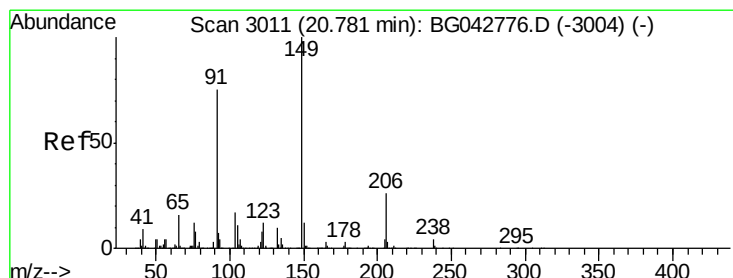
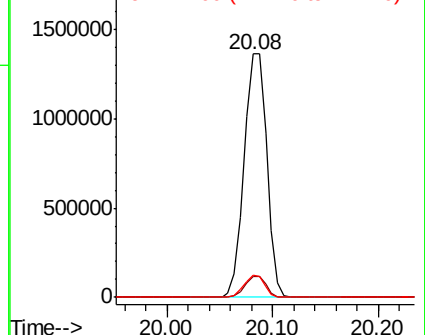
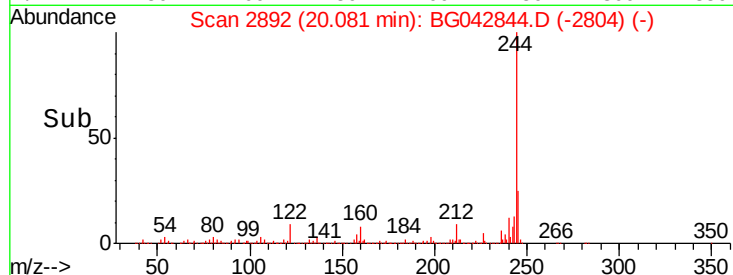
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	9.0	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.117 ng

RT: 20.77 min Scan# 3010

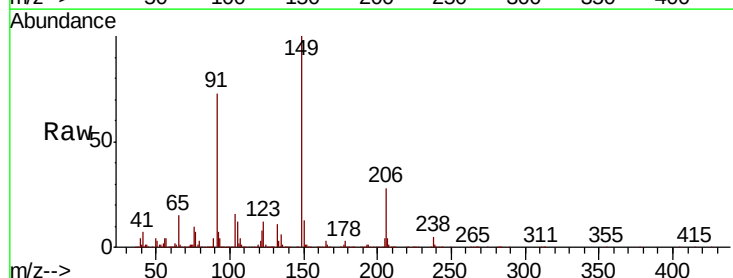
Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:149 Resp: 649807

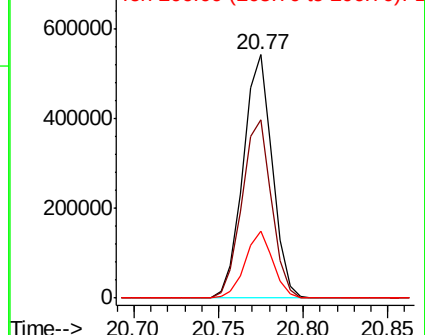
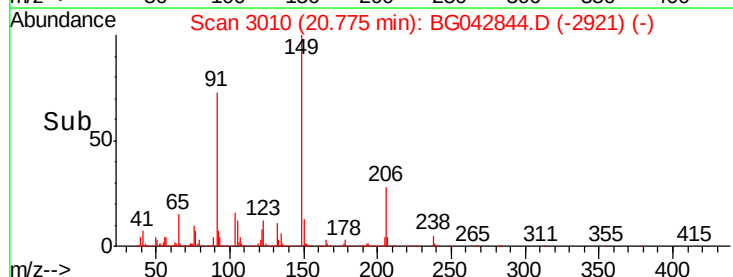
Ion	Ratio	Lower	Upper
149	100		
91	73.2	60.2	90.2
206	27.5	20.6	30.8

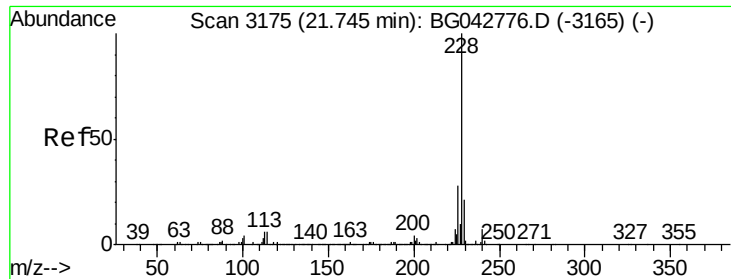


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

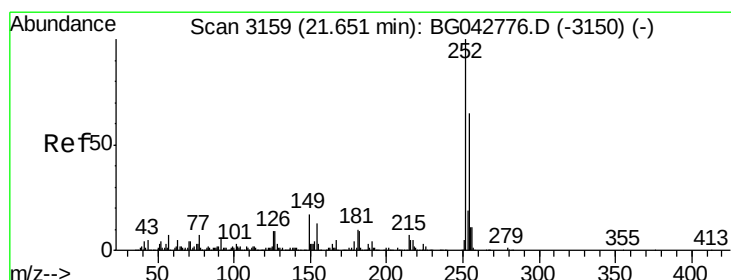
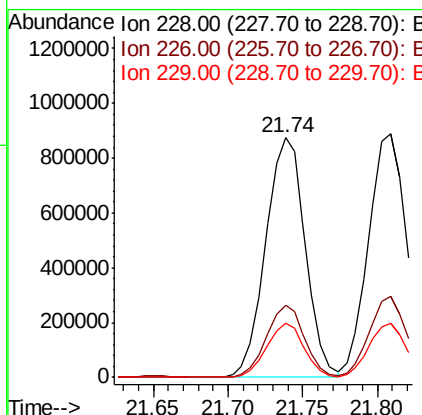
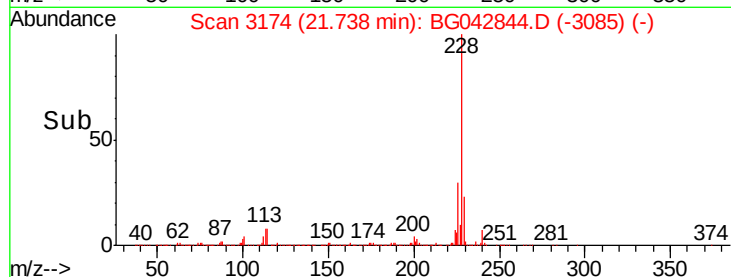
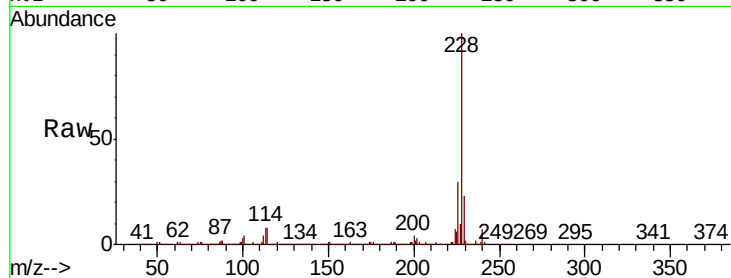




#81
Benzo(a)anthracene
Concen: 41.398 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

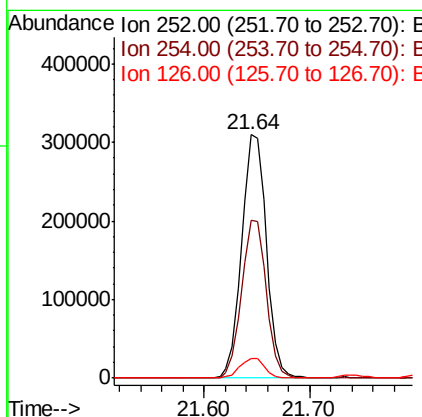
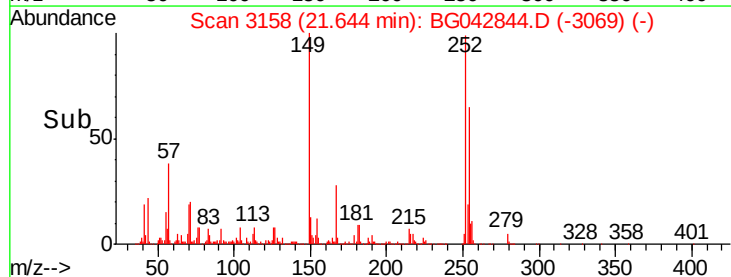
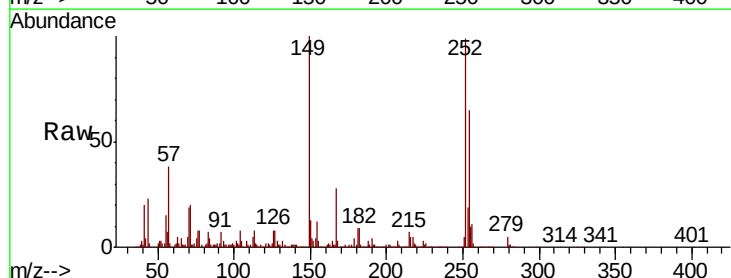
Instrument :
BNA_G
ClientSampleId :

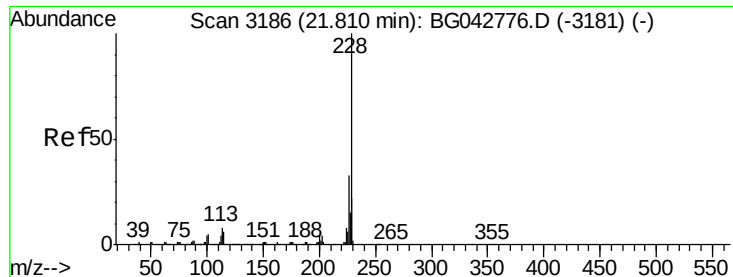
Tot Ion:228 Resp: 1602778
Ion Ratio Lower Upper
228 100
226 30.3 22.5 33.7
229 22.6 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 33.406 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:252 Resp: 502614
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.2
126 8.2 7.0 10.4





#83

Chrysene

Concen: 42.118 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampled :

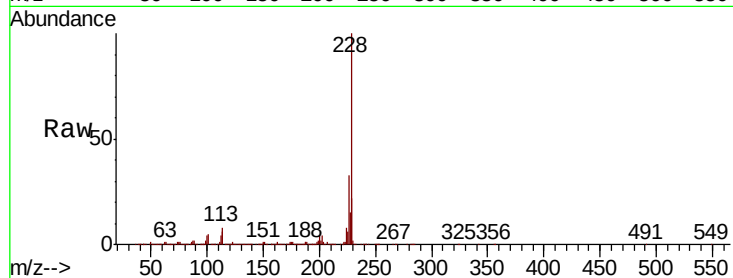
Tot Ion:228 Resp: 1544594

Ion Ratio Lower Upper

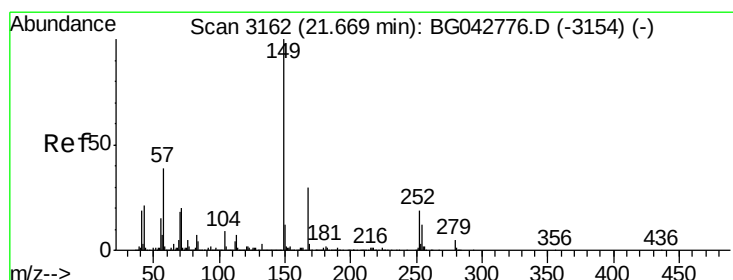
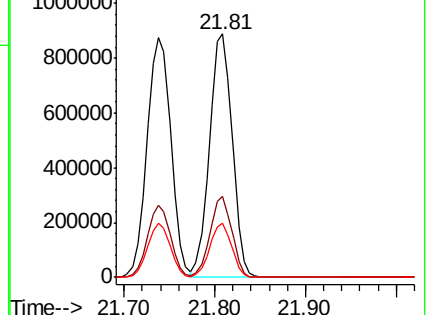
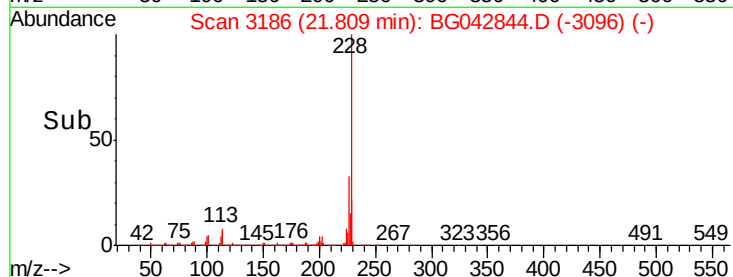
228 100

226 33.1 26.0 39.0

229 22.0 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.982 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

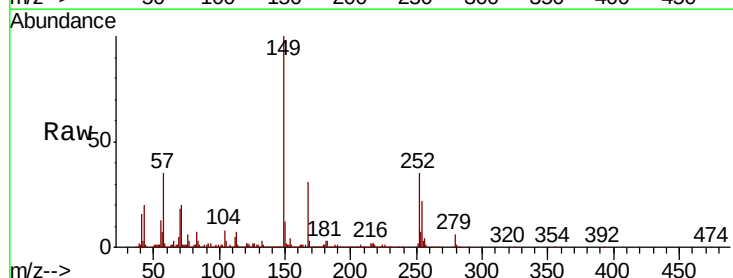
Tgt Ion:149 Resp: 885027

Ion Ratio Lower Upper

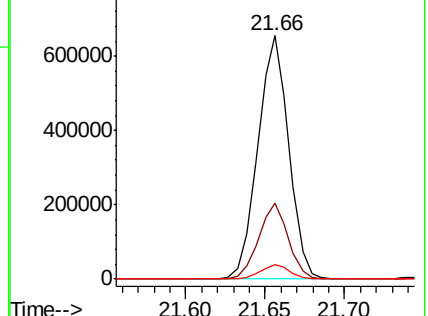
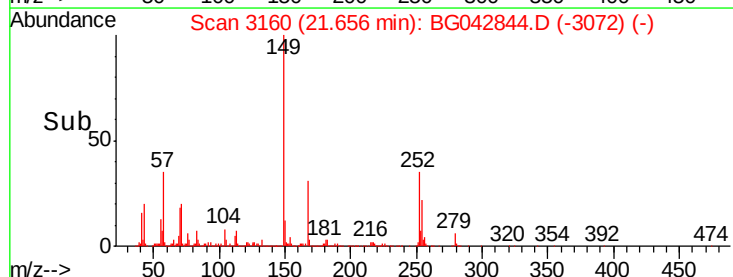
149 100

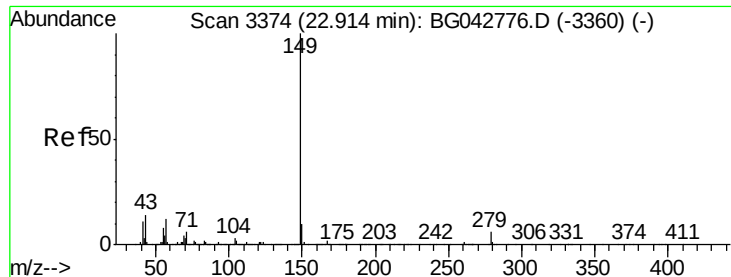
167 31.4 24.3 36.5

279 6.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
600000
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.887 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

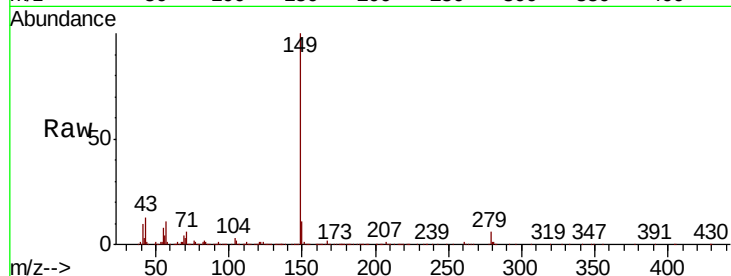
Tot Ion:149 Resp: 1505347

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

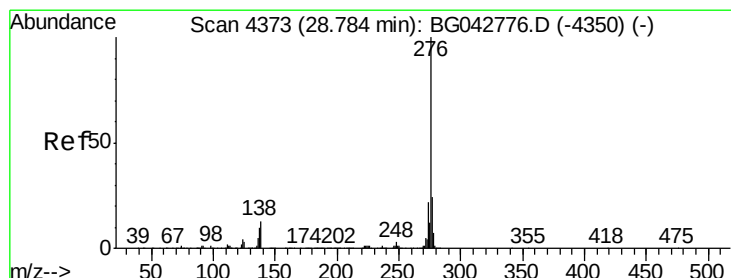
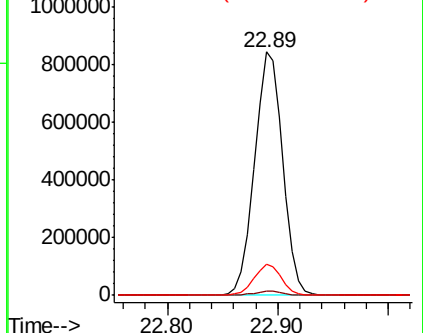
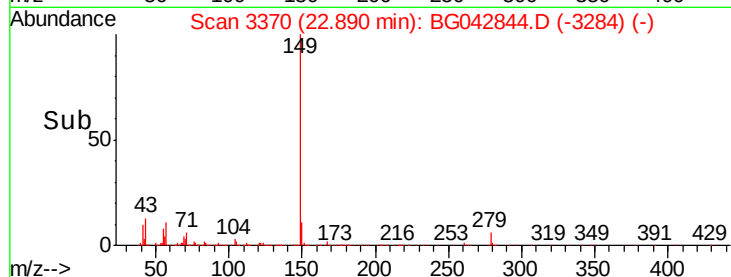
43 12.5 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.117 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

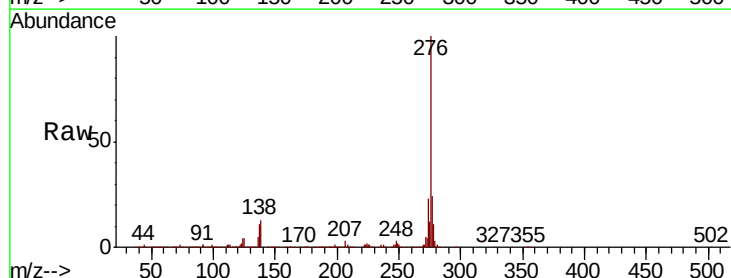
Tgt Ion:276 Resp: 1867306

Ion Ratio Lower Upper

276 100

138 11.3 9.3 13.9

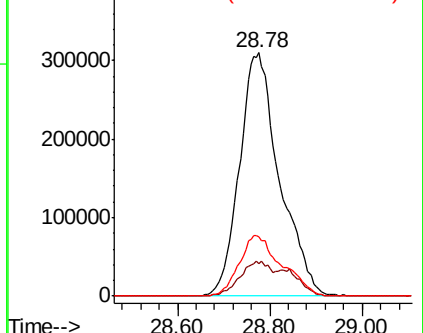
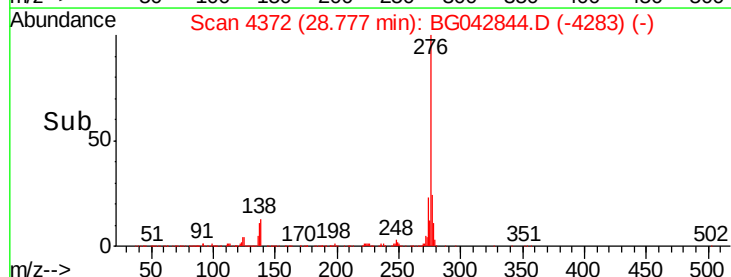
277 26.3 17.2 25.8#

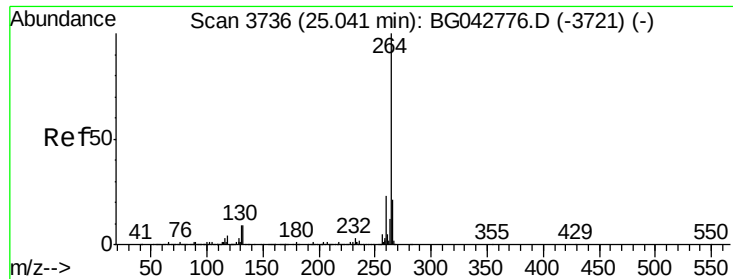


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



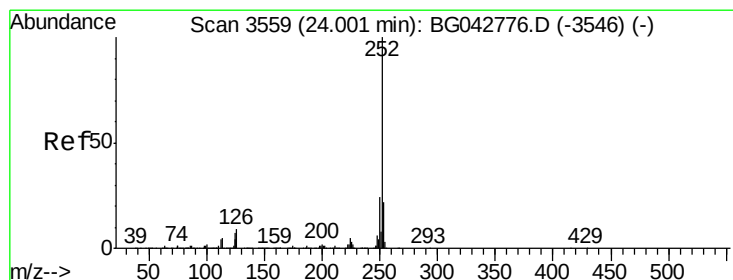
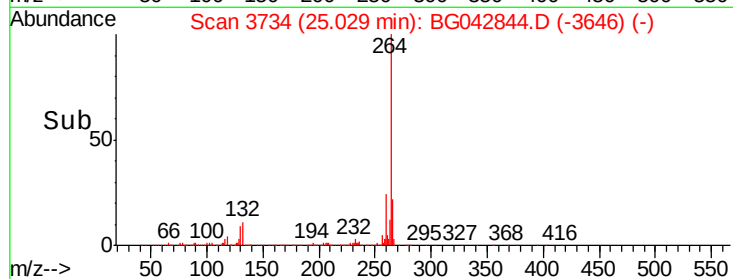
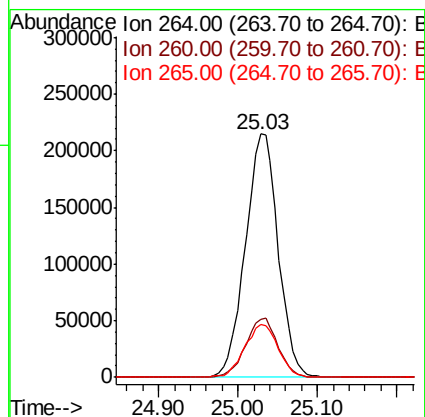
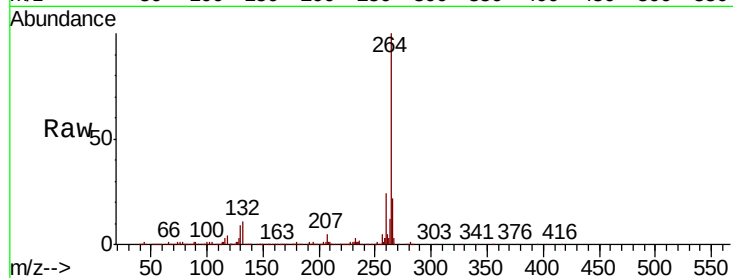


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 616970

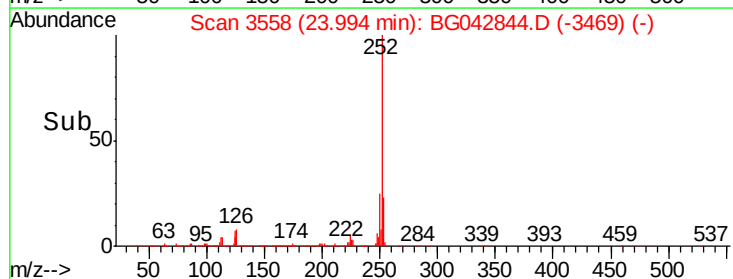
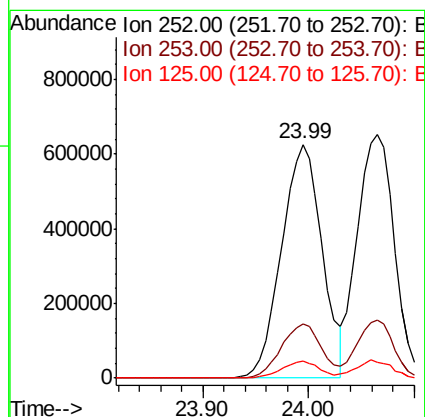
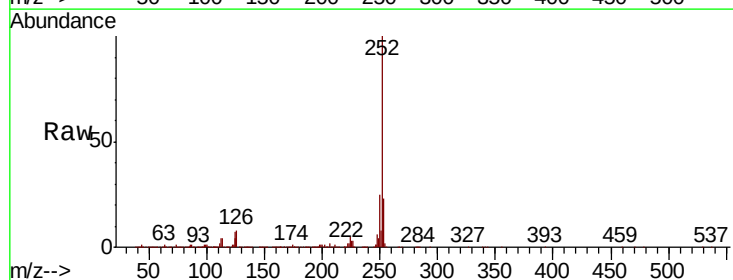
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.0	16.9	25.3

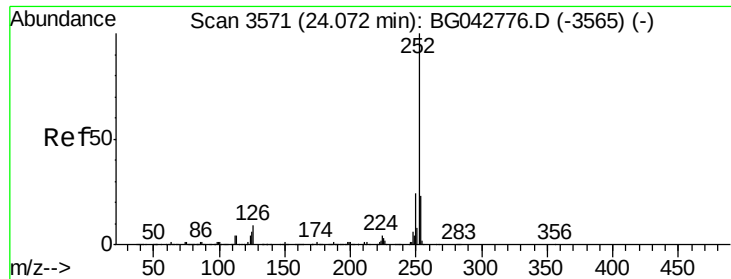


#88
Benzo(b)fluoranthene
Concen: 46.120 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:252 Resp: 1670788

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	7.3	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 46.106 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

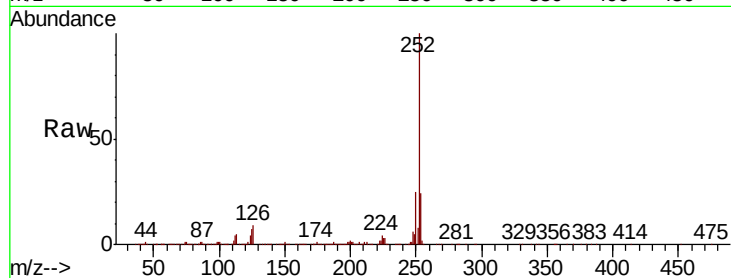
Tot Ion:252 Resp: 1577780

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.4

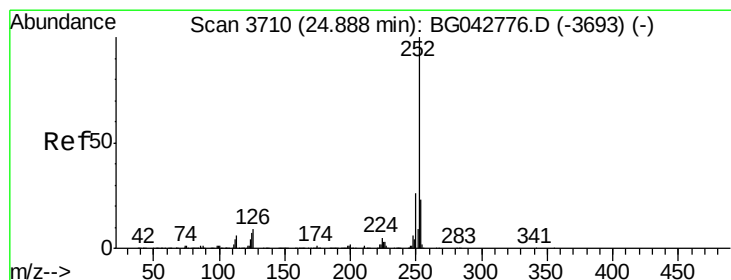
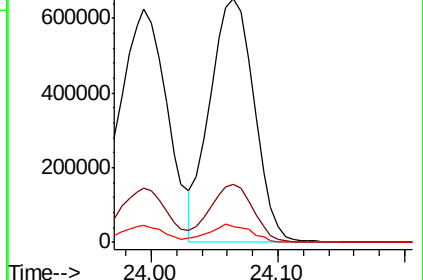
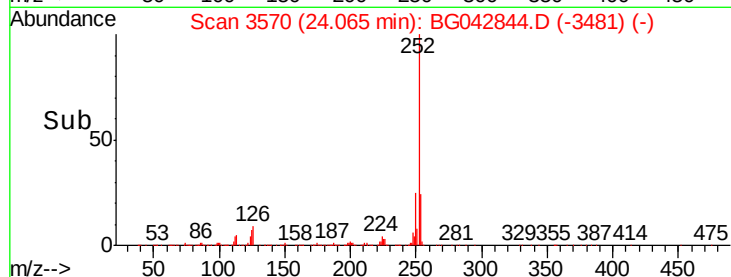
125 6.6 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.221 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

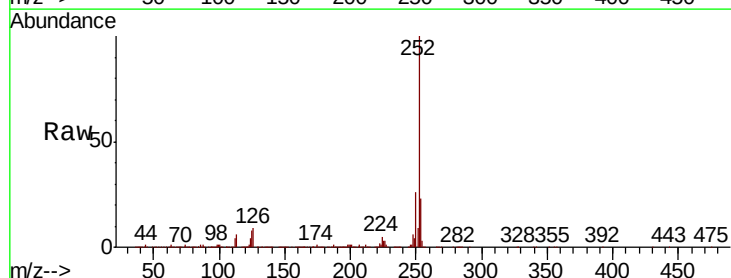
Tgt Ion:252 Resp: 1601829

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

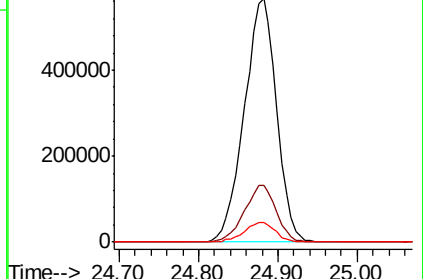
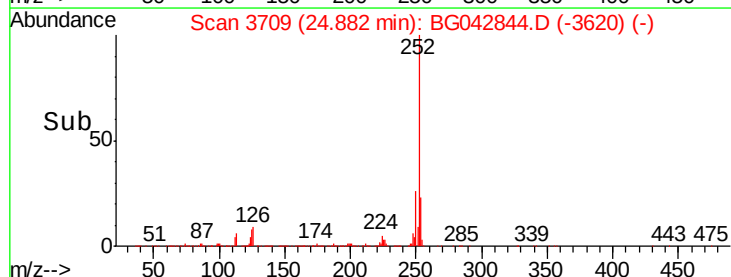
125 8.2 5.7 8.5

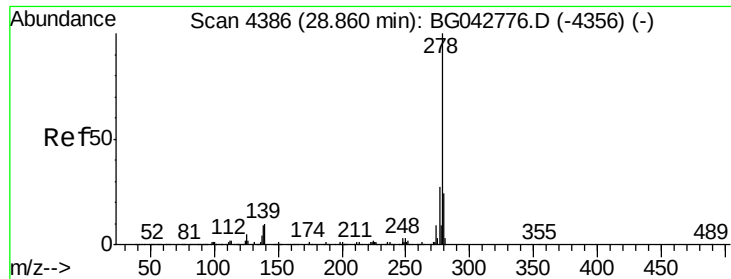


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

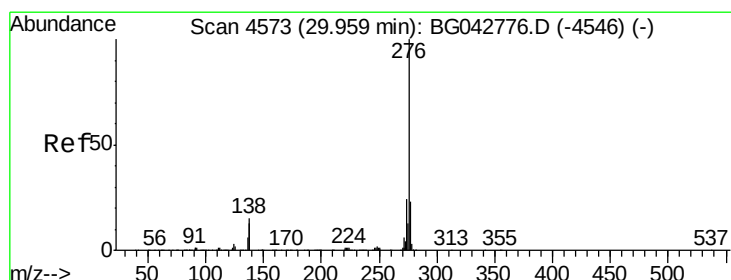
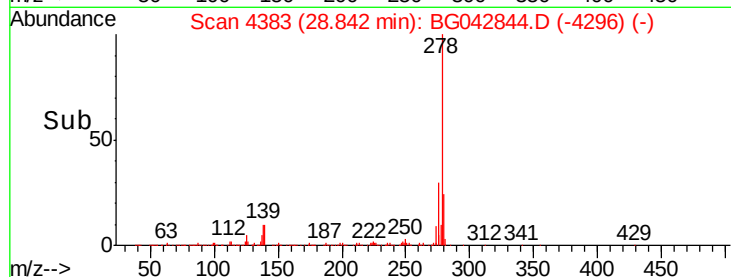
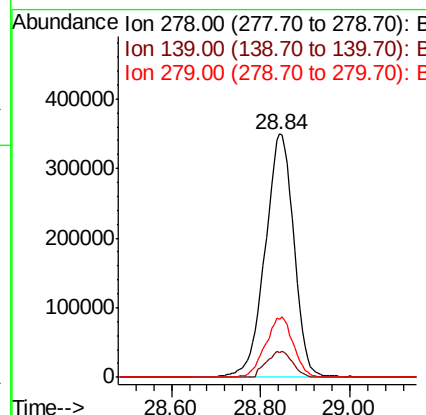
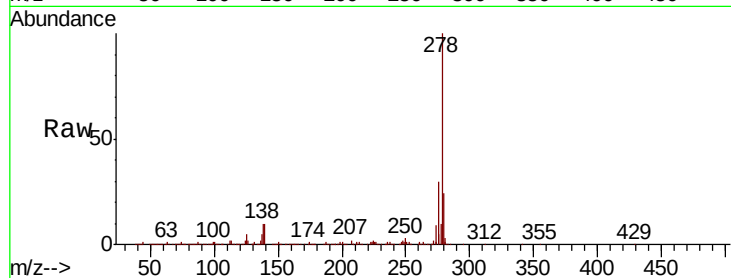




#91
Dibenzo(a,h)anthracene
Concen: 46.994 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1567901
Ion Ratio Lower Upper
278 100
139 10.1 8.2 12.2
279 24.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 47.144 ng
RT: 29.94 min Scan# 4570
Delta R.T. -0.02 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:276 Resp: 1534199
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 14.8 11.8 17.8

