

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042846.D
 Acq On : 16 Sep 2019 12:46
 Operator : HP/JU
 Sample : PB123110BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:18:57 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	72754	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	311737	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	230808	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	598789	20.00	ng	0.00
76) Chrysene-d12	21.76	240	617622	20.00	ng	0.00
87) Perylene-d12	25.03	264	619684	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	540319	129.12	ng	0.00
7) Phenol-d6	7.27	99	774538	128.95	ng	0.00
23) Nitrobenzene-d5	9.27	82	440416	73.55	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	387463	126.18	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1018124	69.83	ng	0.00
79) Terphenyl-d14	20.09	244	2026205	72.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	70519	36.924	ng	97
3) Pyridine	3.98	79	178118	30.976	ng	98
4) n-Nitrosodimethylamine	3.89	42	107293	38.346	ng	88
6) Aniline	7.44	93	272368	33.609	ng	98
8) 2-Chlorophenol	7.68	128	220047	48.645	ng	98
9) Benzaldehyde	7.25	77	140991	36.071	ng	93
10) Phenol	7.29	94	302104	49.044	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	201919	42.712	ng	95
12) 1,3-Dichlorobenzene	8.01	146	222904	40.401	ng	97
13) 1,4-Dichlorobenzene	8.15	146	225995	40.913	ng	98
14) 1,2-Dichlorobenzene	8.48	146	214944	40.879	ng	97
15) Benzyl Alcohol	8.35	79	232201	45.046	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	392007	37.760	ng	97
17) 2-Methylphenol	8.55	107	200893	48.748	ng	99
18) Hexachloroethane	9.21	117	84035	41.207	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	189563	42.830	ng	92
20) 3+4-Methylphenols	8.88	107	276930	48.749	ng	98
22) Acetophenone	8.93	105	331867	42.153	ng	96
24) Nitrobenzene	9.32	77	272490	43.356	ng	95
25) Isophorone	9.84	82	517071	41.429	ng	99
26) 2-Nitrophenol	10.03	139	118969	48.138	ng	93
27) 2,4-Dimethylphenol	10.09	122	224329	51.313	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	290763	41.774	ng	97
29) 2,4-Dichlorophenol	10.57	162	238805	47.006	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	247554	39.911	ng	99
31) Naphthalene	10.98	128	660562	42.917	ng	100
32) Benzoic acid	10.20	122	153249	43.919	ng	97
33) 4-Chloroaniline	11.07	127	206317	28.679	ng	97
34) Hexachlorobutadiene	11.27	225	163080	37.526	ng	94
35) Caprolactam	11.84	113	57166	30.260	ng	# 85
36) 4-Chloro-3-methylphenol	12.19	107	271791	49.273	ng	98
37) 2-Methylnaphthalene	12.58	142	503958	43.710	ng	97
38) 1-Methylnaphthalene	12.79	142	471897	43.639	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	305026	39.993	ng	99

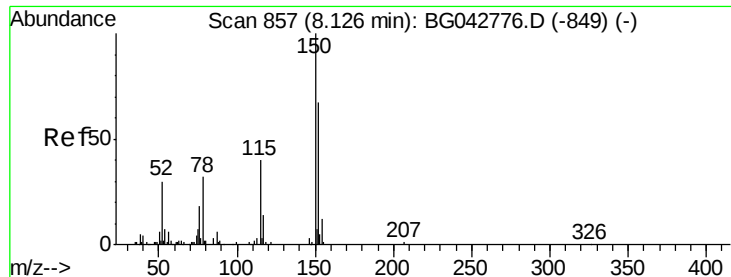
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	372389	85.229	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	222852	43.889	nq	96
44) 2,4,5-Trichlorophenol	13.24	196	240934	46.325	nq	94
46) 1,1'-Biphenyl	13.58	154	677296	41.917	nq	99
47) 2-Chloronaphthalene	13.62	162	529461	39.612	nq	98
48) 2-Nitroaniline	13.80	65	209171	45.112	nq	98
49) Acenaphthylene	14.46	152	884818	43.318	nq	98
50) Dimethylphthalate	14.19	163	737918	42.678	nq	100
51) 2,6-Dinitrotoluene	14.30	165	170516	48.062	nq	94
52) Acenaphthene	14.80	154	629373	47.164	nq	99
53) 3-Nitroaniline	14.63	138	137828	34.615	nq	# 91
54) 2,4-Dinitrophenol	14.83	184	195297	111.819	nq	# 73
55) Dibenzofuran	15.13	168	854460	43.079	nq	99
56) 4-Nitrophenol	14.93	139	325959	105.876	nq	93
57) 2,4-Dinitrotoluene	15.09	165	246943	52.219	nq	# 97
58) Fluorene	15.78	166	723347	44.004	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	246959	48.983	nq	98
60) Diethylphthalate	15.55	149	769408	43.838	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	408603	42.040	nq	98
62) 4-Nitroaniline	15.78	138	208706	48.627	nq	95
63) Azobenzene	16.07	77	739162	43.735	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	141961	55.408	nq	98
66) n-Nitrosodiphenylamine	15.98	169	676804	42.004	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	285172	39.347	nq	99
68) Hexachlorobenzene	16.79	284	296388	38.272	nq	98
69) Atrazine	16.93	200	276478	49.274	nq	98
70) Pentachlorophenol	17.12	266	435253	94.742	nq	95
71) Phenanthrene	17.52	178	1217760	42.525	nq	100
72) Anthracene	17.61	178	1233333	43.109	nq	100
73) Carbazole	17.88	167	1215673	44.707	nq	97
74) Di-n-butylphthalate	18.44	149	1394906	42.824	nq	99
75) Fluoranthene	19.53	202	1640956	44.215	nq	98
77) Benzidine	19.70	184	658577	38.166	nq	98
78) Pyrene	19.89	202	1648139	42.624	nq	98
80) Butylbenzylphthalate	20.77	149	657450	42.012	nq	99
81) Benzo(a)anthracene	21.74	228	1619071	41.230	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	512478	33.581	nq	99
83) Chrysene	21.81	228	1552978	41.750	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	896680	41.936	nq	99
85) Di-n-octyl phthalate	22.89	149	1528839	41.942	nq	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1893202	41.100	nq	# 92
88) Benzo(b)fluoranthene	23.99	252	1653518	45.443	nq	98
89) Benzo(k)fluoranthene	24.06	252	1620928	47.159	nq	97
90) Benzo(a)pyrene	24.88	252	1620566	47.564	nq	99
91) Dibenzo(a,h)anthracene	28.85	278	1584220	47.276	nq	99
92) Benzo(g,h,i)perylene	29.94	276	1563713	47.840	nq	99

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

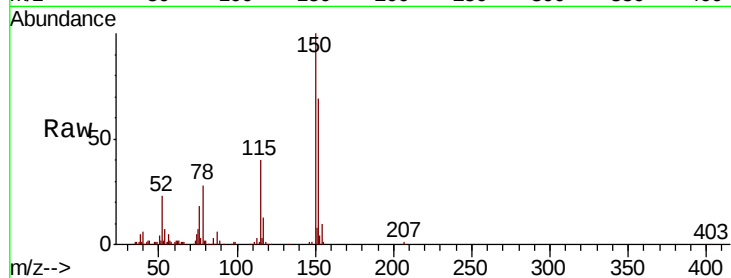


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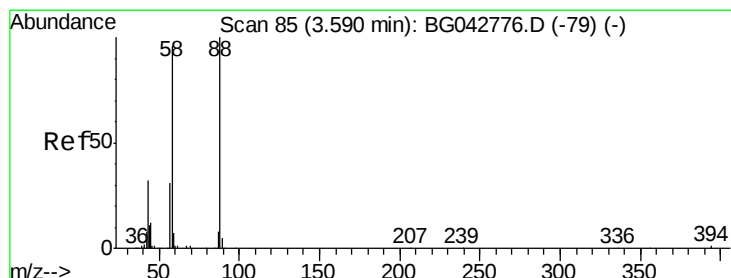
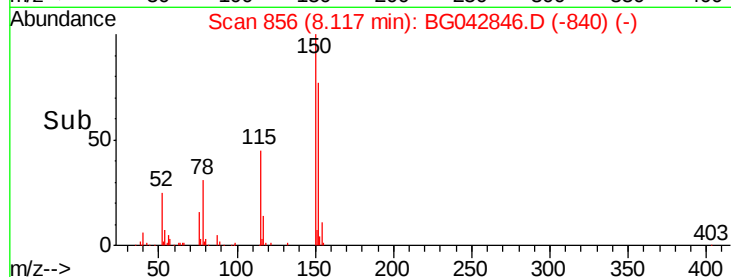
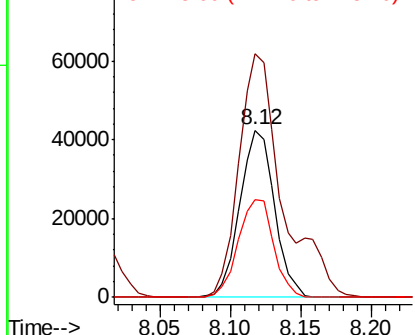
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72754
Ion Ratio Lower Upper
152 100
150 145.9 118.9 178.3
115 58.9 47.4 71.2



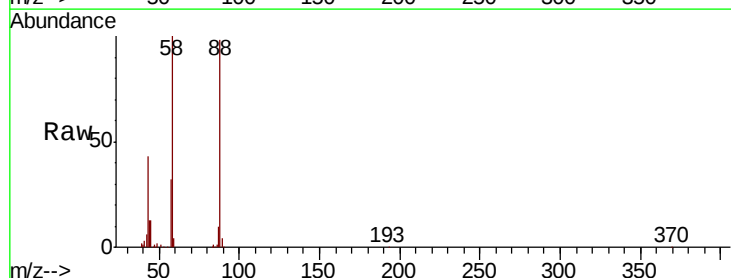
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



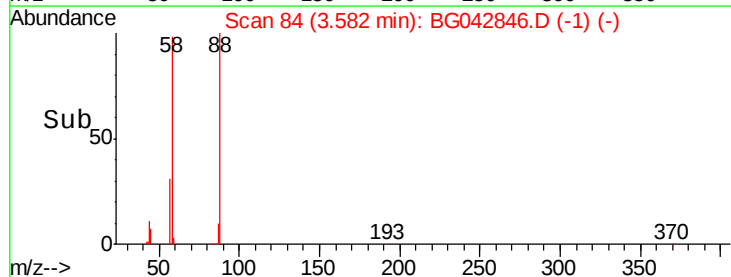
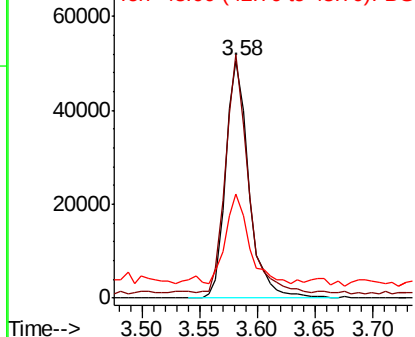
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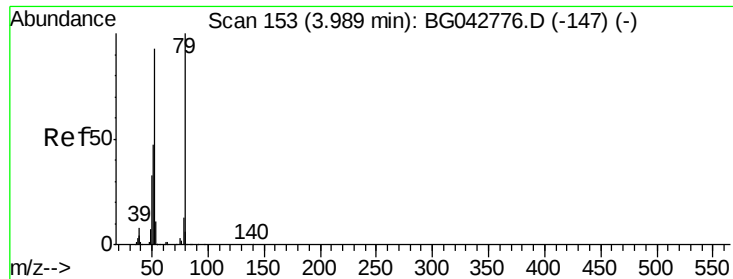
1,4-Dioxane
Concen: 36.924 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion: 88 Resp: 70519
Ion Ratio Lower Upper
88 100
58 94.9 79.1 118.7
43 37.2 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: 30.976 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

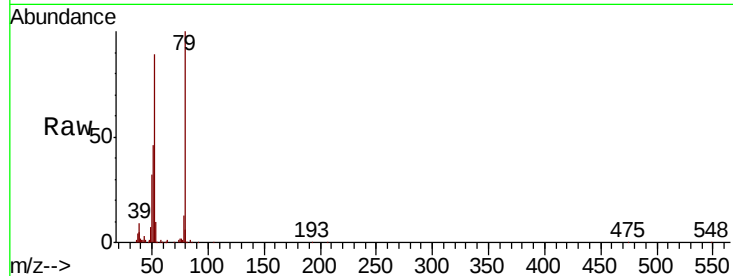
Tot Ion: 79 Resp: 178118

Ion Ratio Lower Upper

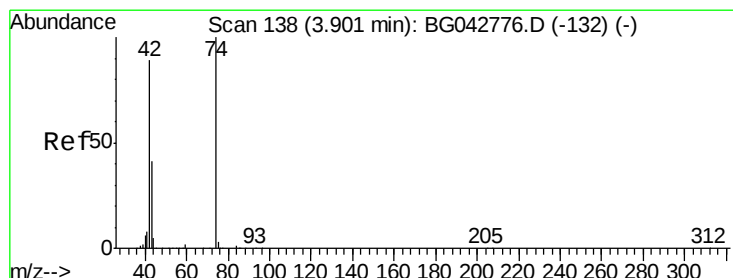
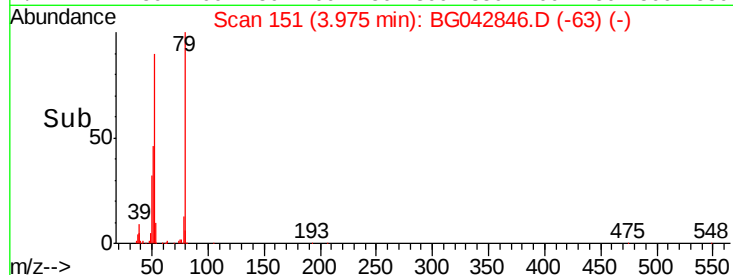
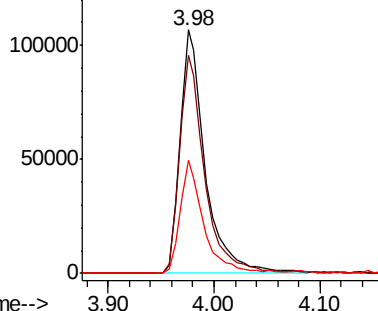
79 100

52 89.4 74.0 111.0

51 46.4 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: 38.346 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

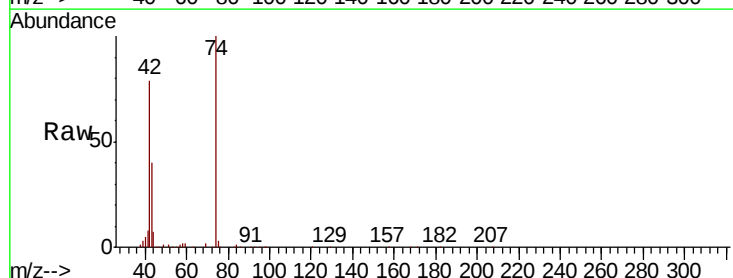
Tgt Ion: 42 Resp: 107293

Ion Ratio Lower Upper

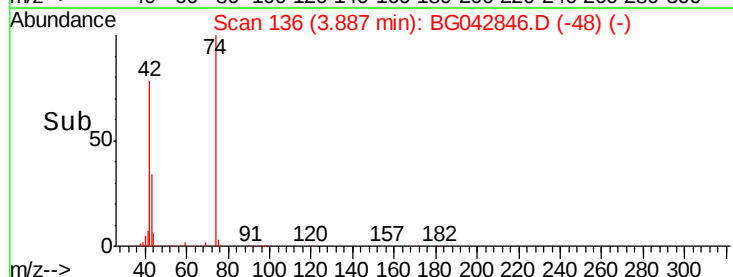
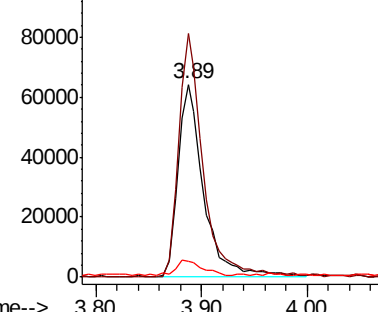
42 100

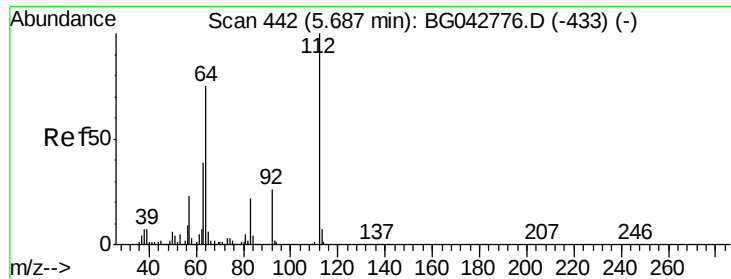
74 126.4 90.2 135.2

44 8.3 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: 129.116 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

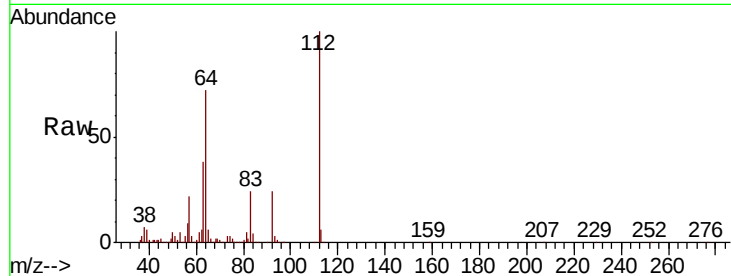
Tot Ion:112 Resp: 540319

Ion Ratio Lower Upper

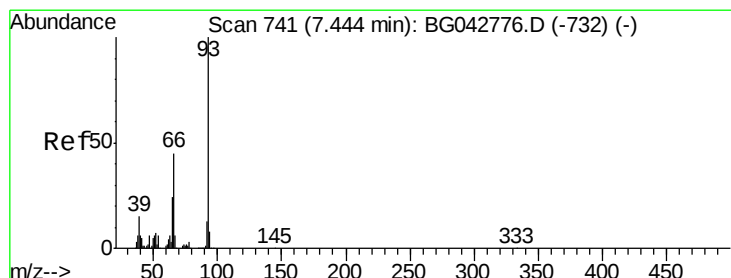
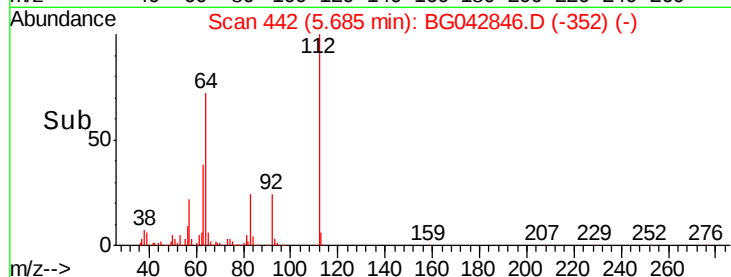
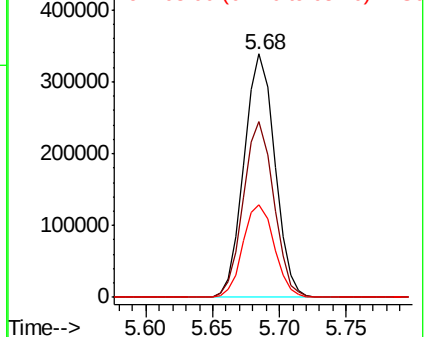
112 100

64 71.9 60.2 90.2

63 38.2 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: 33.609 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

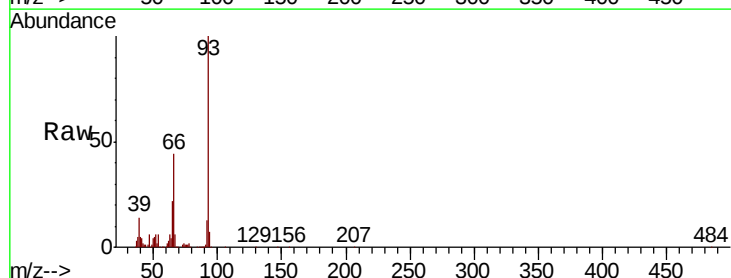
Tgt Ion: 93 Resp: 272368

Ion Ratio Lower Upper

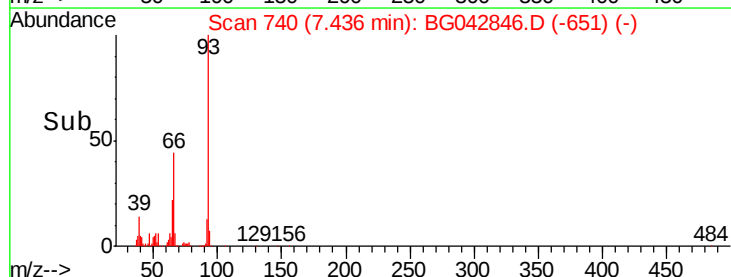
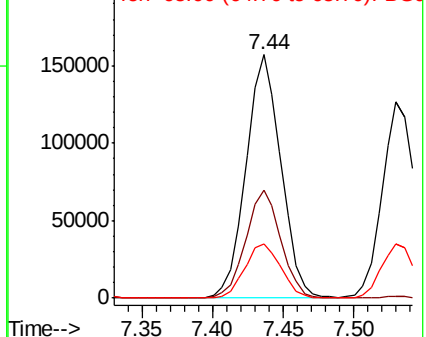
93 100

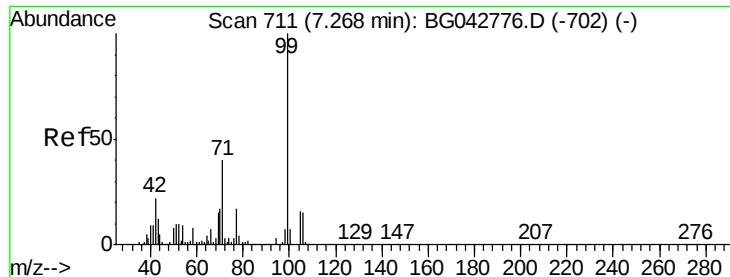
66 44.1 36.3 54.5

65 22.4 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: 128.949 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

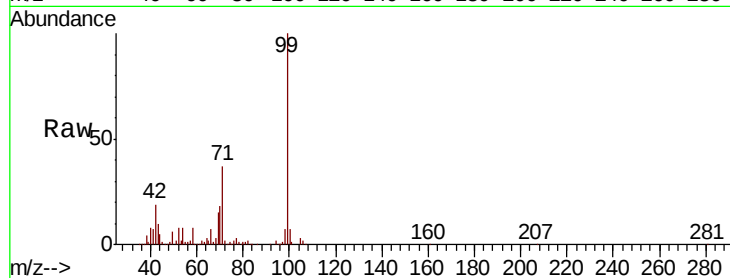
Tot Ion: 99 Resp: 774538

Ion Ratio Lower Upper

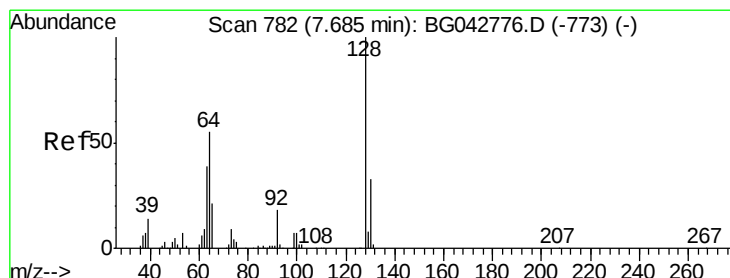
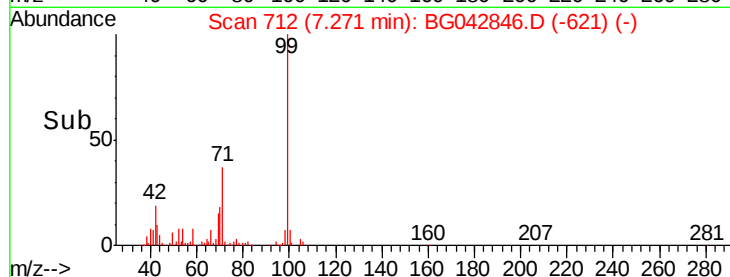
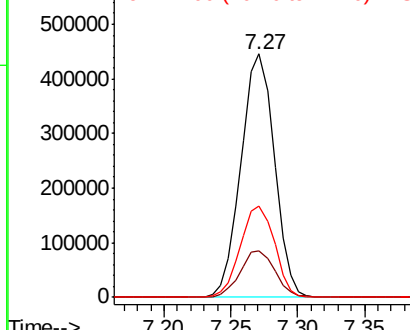
99 100

42 19.3 17.5 26.3

71 37.5 32.0 48.0



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



#8

2-Chlorophenol

Concen: 48.645 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

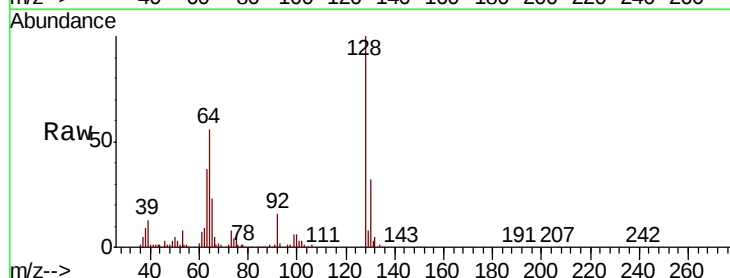
Tgt Ion: 128 Resp: 220047

Ion Ratio Lower Upper

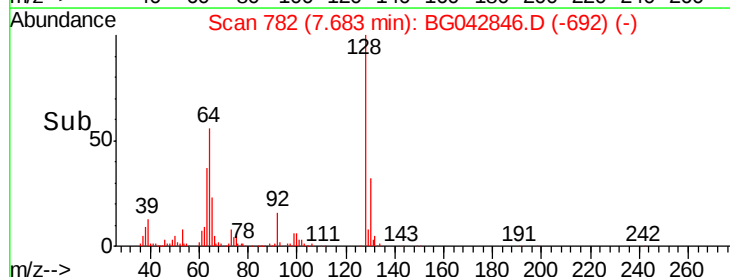
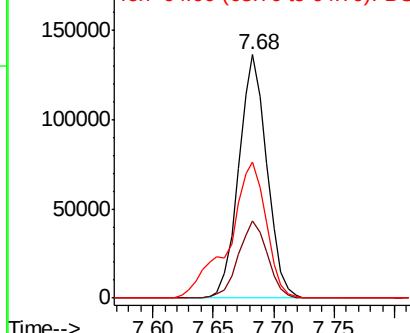
128 100

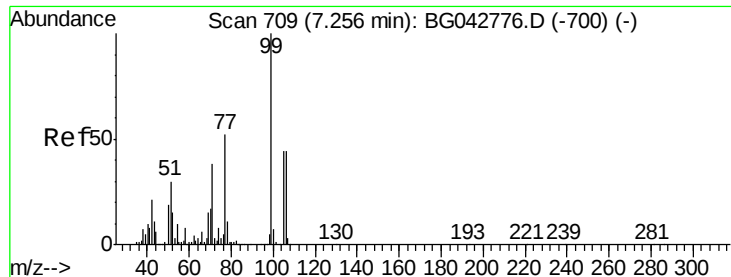
130 31.6 12.8 52.8

64 55.7 36.8 76.8



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





#9

Benzaldehyde

Concen: 36.071 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

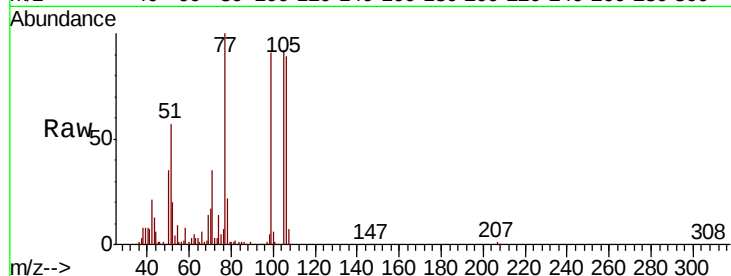
Tot Ion: 77 Resp: 140991

Ion Ratio Lower Upper

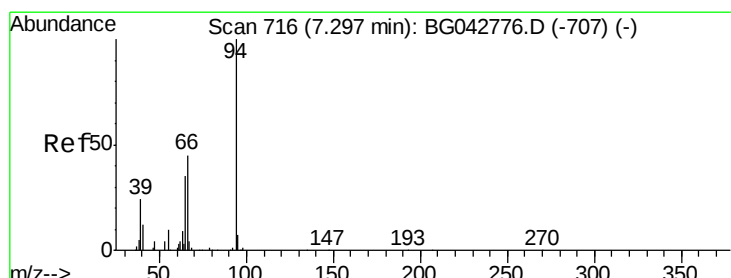
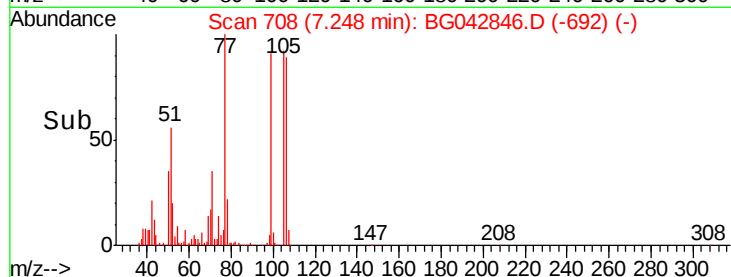
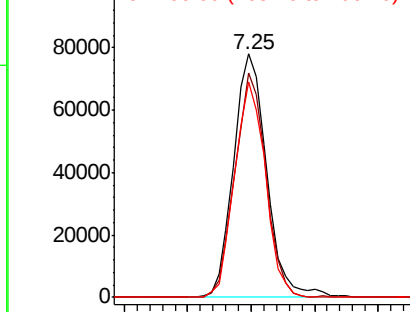
77 100

105 92.4 64.5 104.5

106 88.7 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: 49.044 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

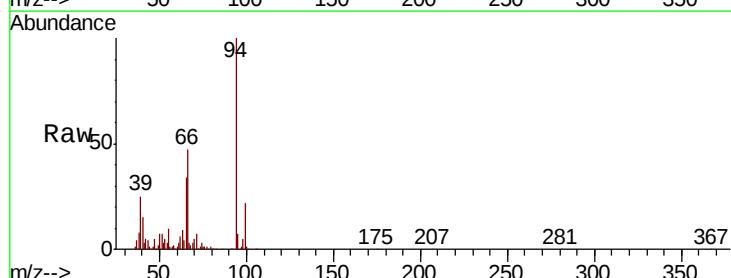
Tgt Ion: 94 Resp: 302104

Ion Ratio Lower Upper

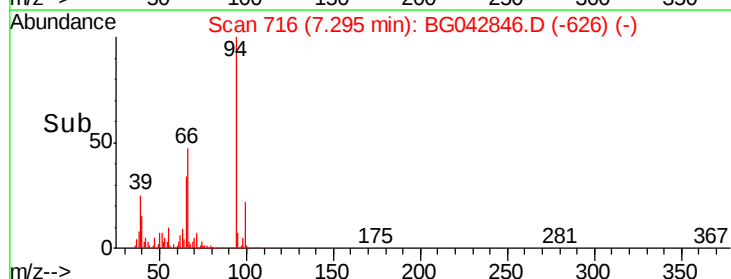
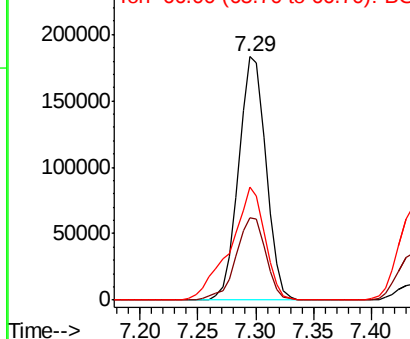
94 100

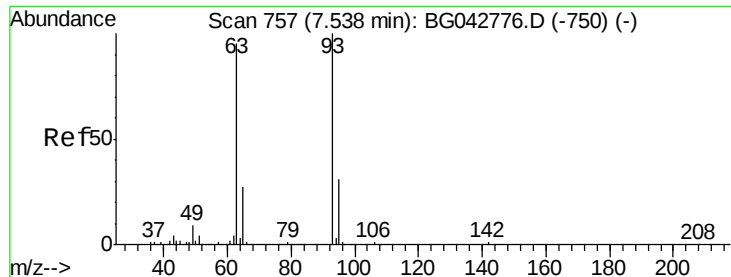
65 33.7 15.0 55.0

66 46.6 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: 42.712 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

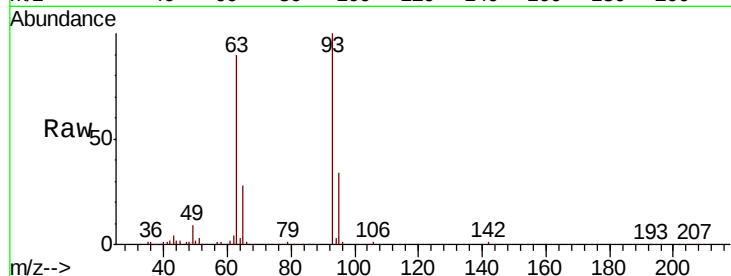
Tot Ion: 93 Resp: 201919

Ion Ratio Lower Upper

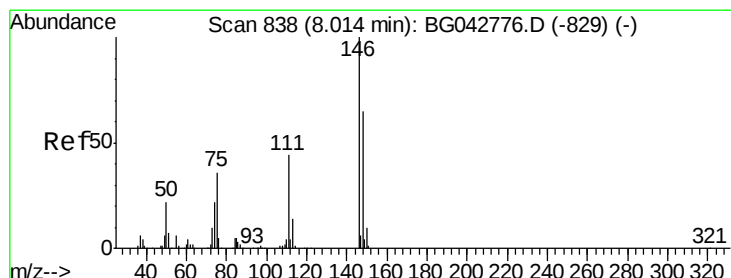
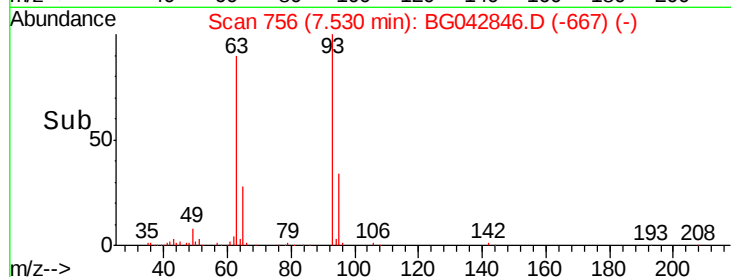
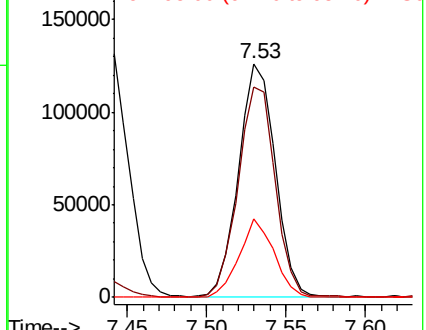
93 100

63 89.8 74.7 114.7

95 33.6 11.1 51.1



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



#12

1,3-Dichlorobenzene

Concen: 40.401 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

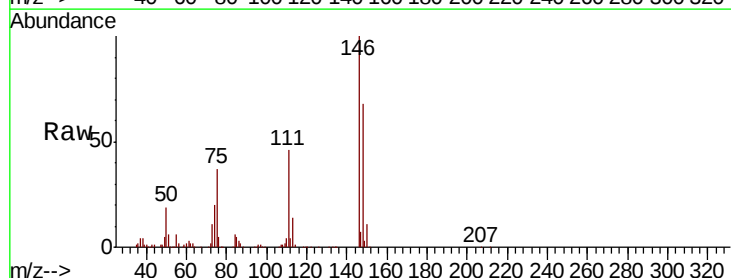
Tgt Ion: 146 Resp: 222904

Ion Ratio Lower Upper

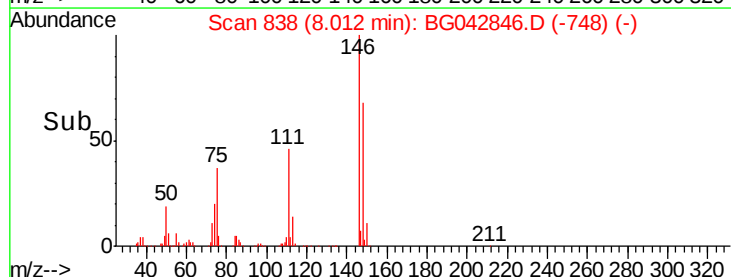
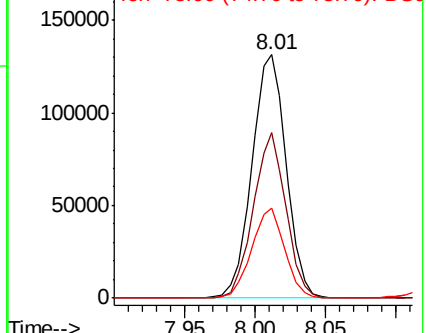
146 100

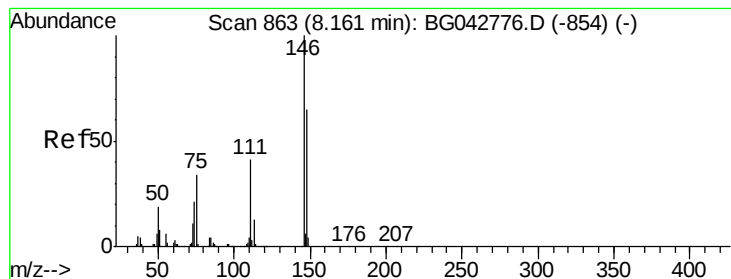
148 67.9 51.9 77.9

75 36.7 28.4 42.6



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





#13

1,4-Dichlorobenzene

Concen: 40.913 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

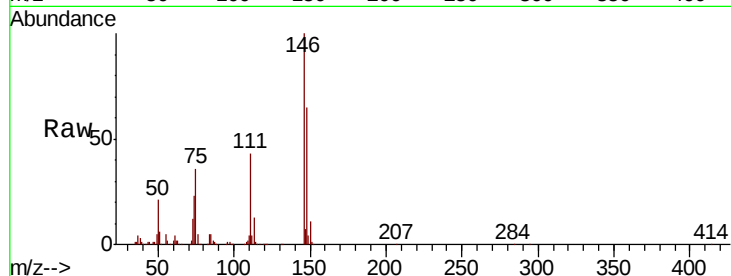
Tot Ion:146 Resp: 225995

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.4

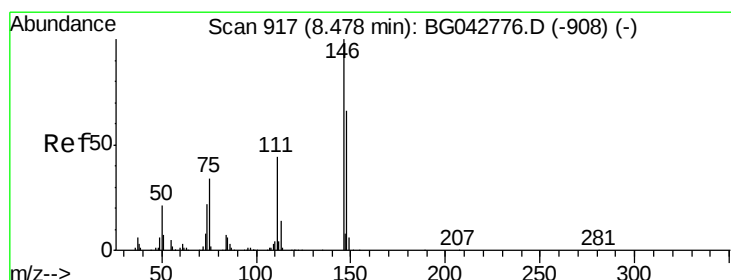
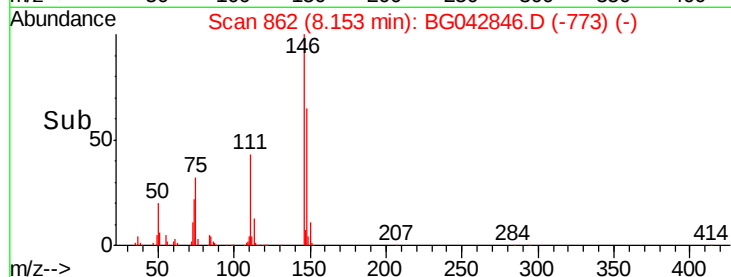
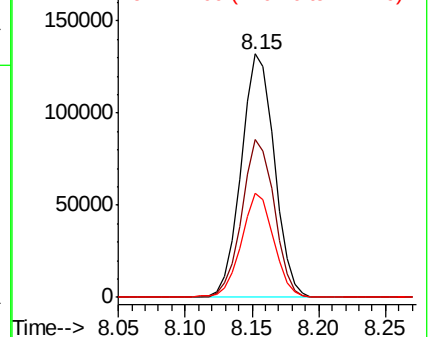
111 42.7 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.879 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

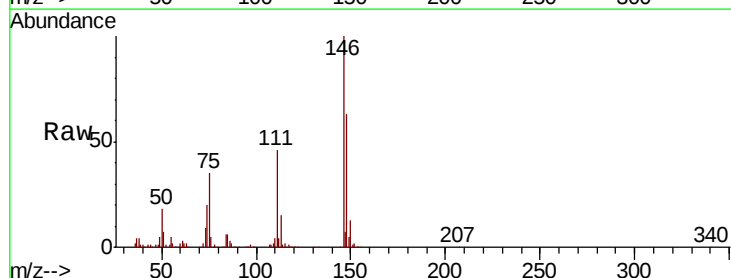
Tgt Ion:146 Resp: 214944

Ion Ratio Lower Upper

146 100

148 63.0 52.6 78.8

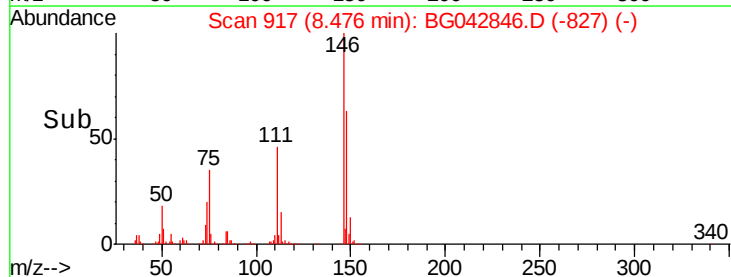
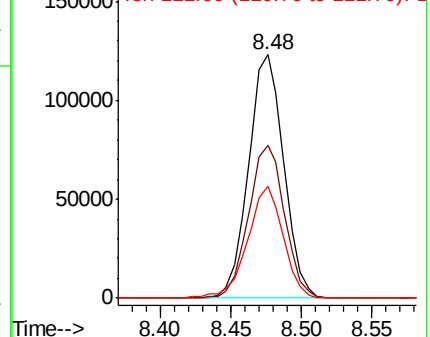
111 46.0 35.3 52.9

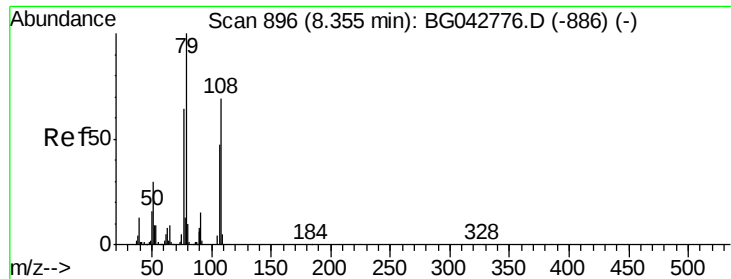


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.046 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

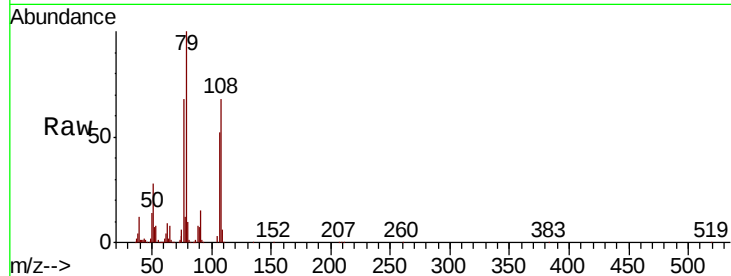
Tot Ion: 79 Resp: 232201

Ion Ratio Lower Upper

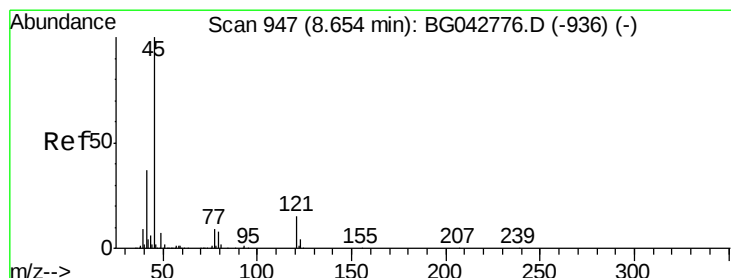
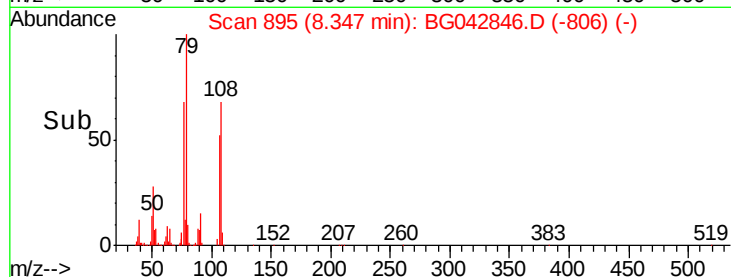
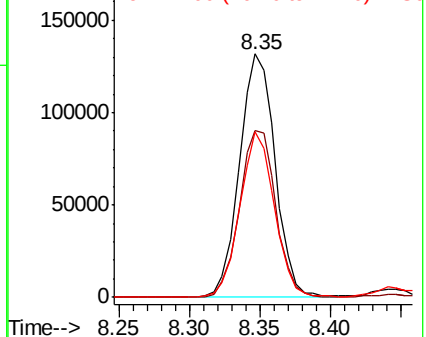
79 100

108 68.5 54.9 82.3

77 68.0 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: 37.760 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

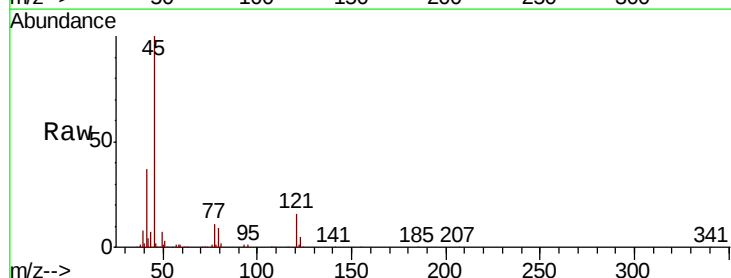
Tgt Ion: 45 Resp: 392007

Ion Ratio Lower Upper

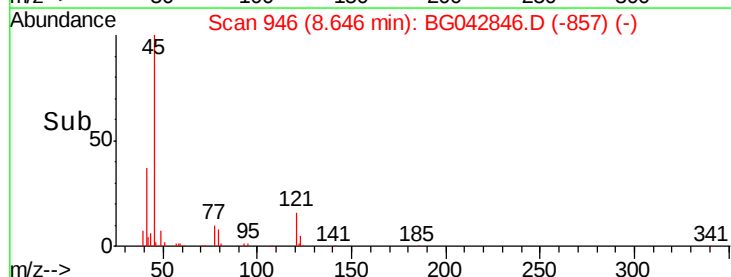
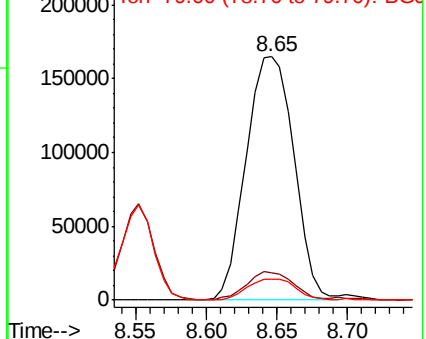
45 100

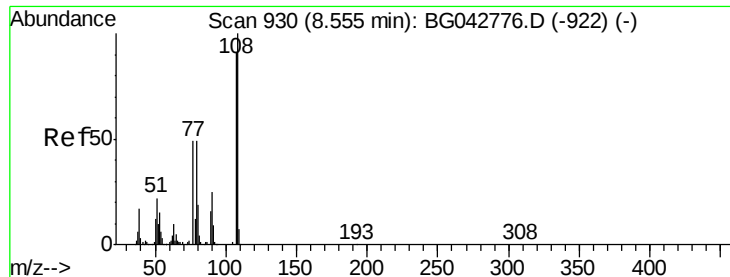
77 11.1 0.0 29.4

79 8.6 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: 48.748 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 200893

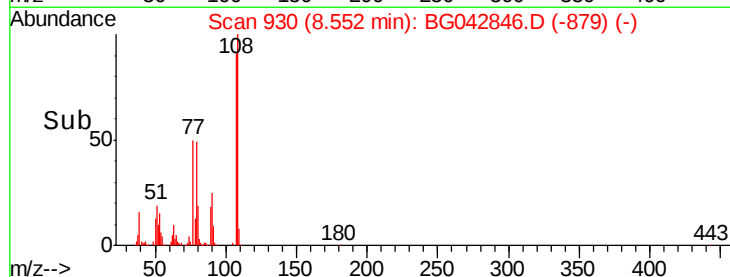
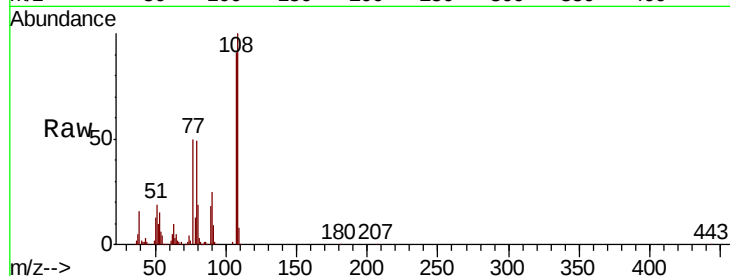
Ion Ratio Lower Upper

107 100

108 109.9 87.7 131.5

77 54.6 42.6 64.0

79 53.9 43.4 65.2

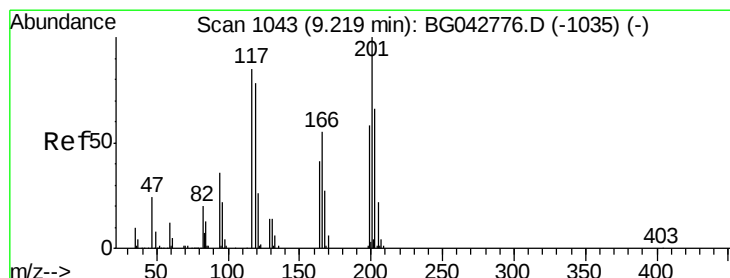
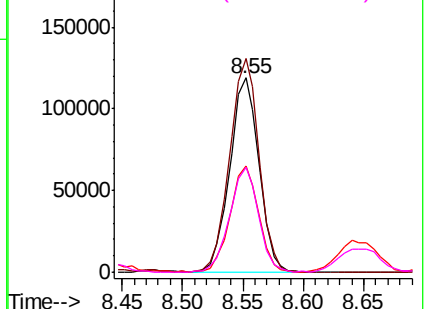


Abundance Ion 107.00 (106.70 to 107.70): E

200000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.207 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

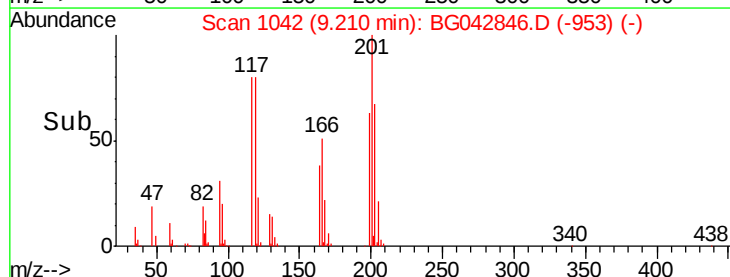
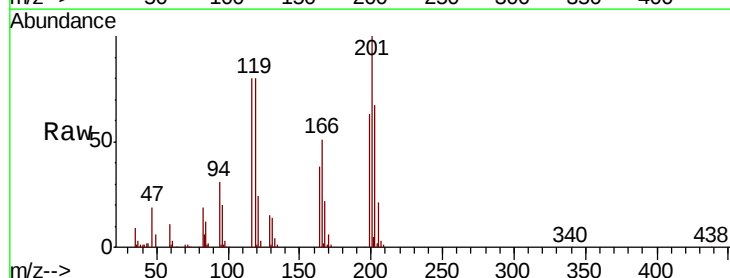
Tgt Ion:117 Resp: 84035

Ion Ratio Lower Upper

117 100

119 99.6 73.8 110.8

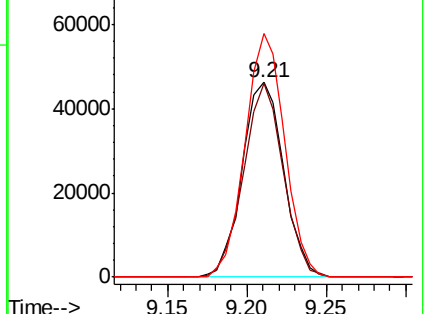
201 125.0 94.6 142.0

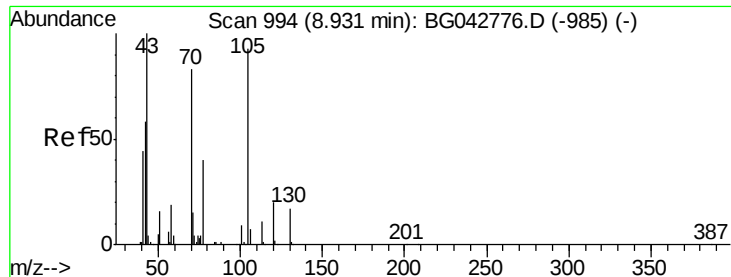


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

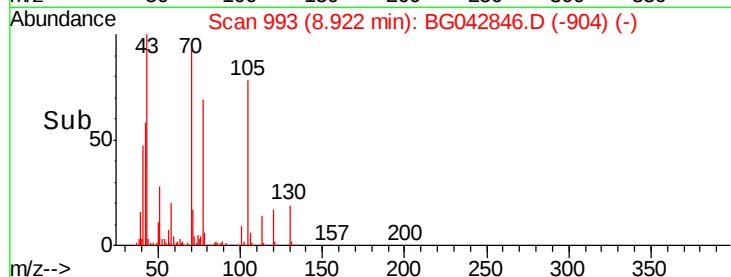
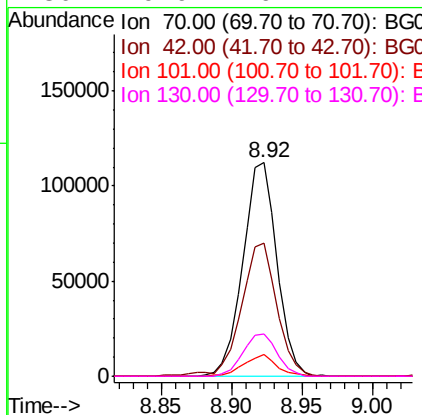
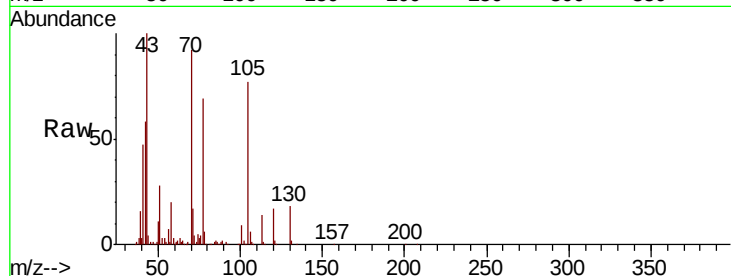




#19
n-Nitroso-di-n-propylamine
Concen: 42.830 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

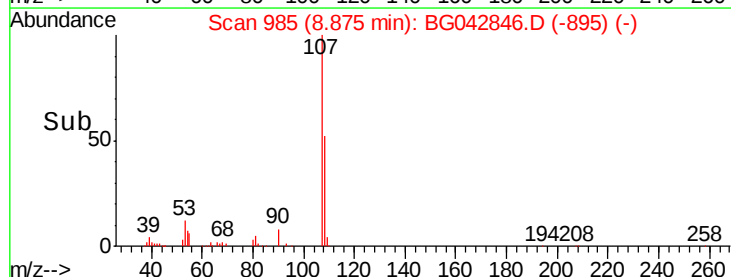
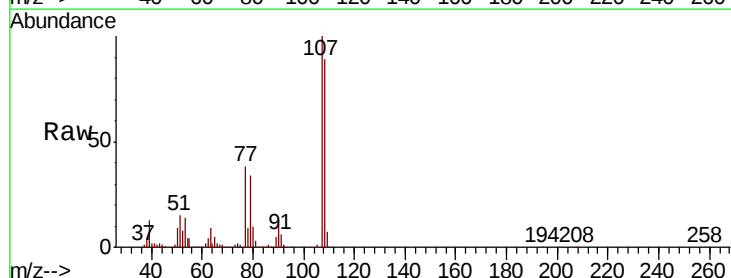
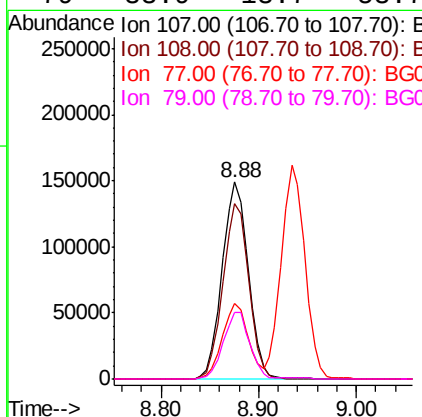
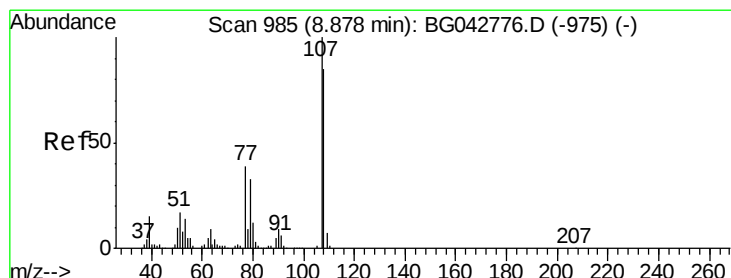
Instrument :
BNA_G
ClientSampleId :

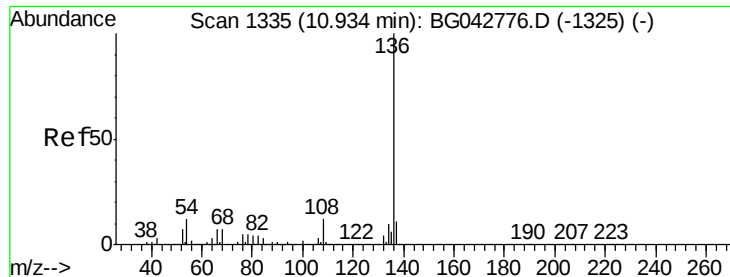
Tot Ion:	70	Resp:	189563
Ion	Ratio	Lower	Upper
70	100		
42	62.6	57.0	85.6
101	10.1	8.4	12.6
130	19.9	16.1	24.1



#20
3+4-Methylphenols
Concen: 48.749 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:	107	Resp:	276930
Ion	Ratio	Lower	Upper
107	100		
108	89.0	65.4	105.4
77	38.5	18.7	58.7
79	33.9	13.7	53.7

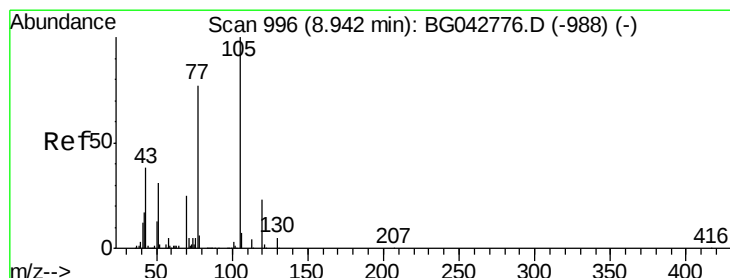
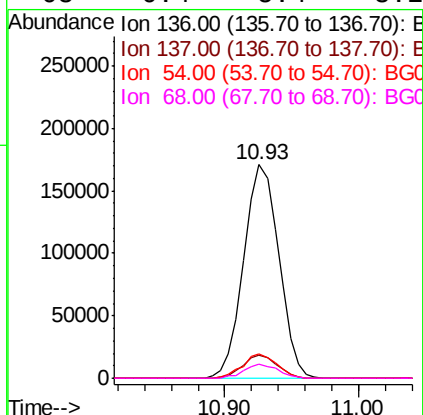
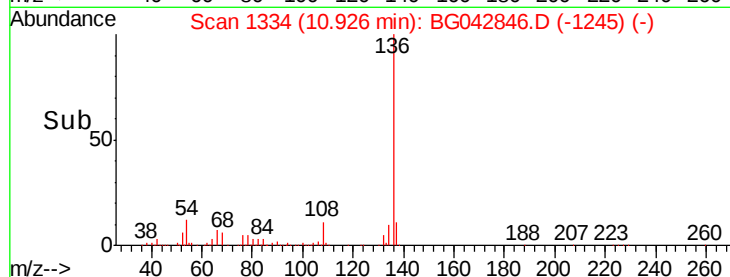
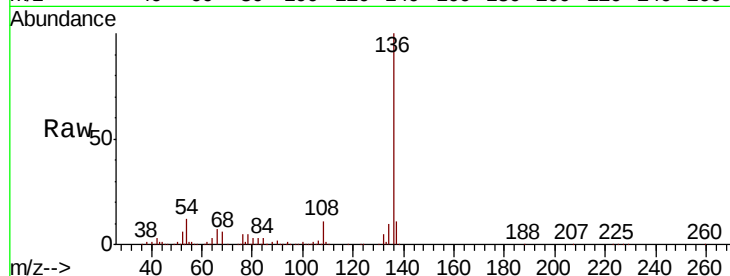




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

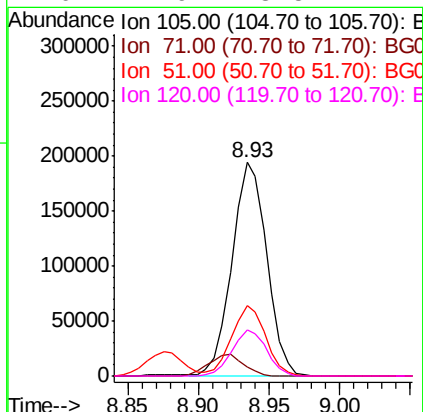
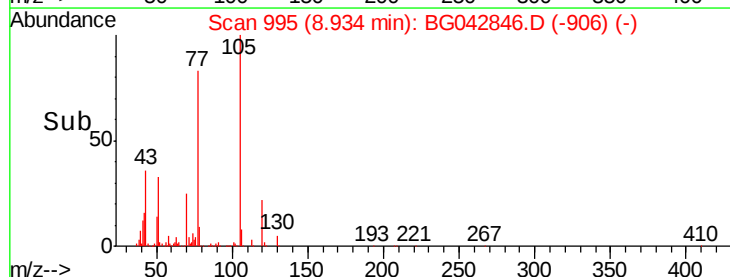
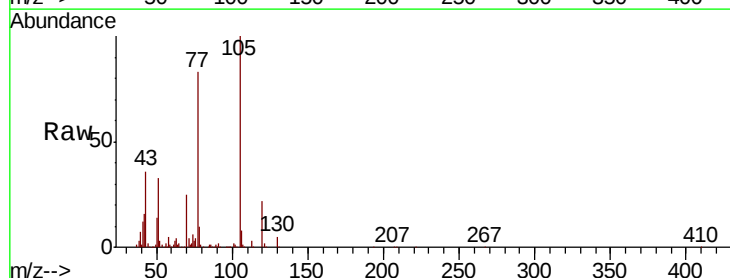
Instrument :
BNA_G
ClientSampleId :

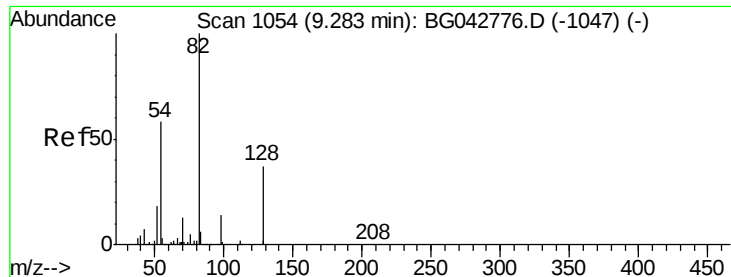
Tot Ion:136	Resp:	311737
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	11.5	9.4 14.0
68	6.4	5.4 8.2



#22
Acetophenone
Concen: 42.153 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:105	Resp:	331867
Ion Ratio	Lower	Upper
105	100	
71	4.4	3.7 5.5
51	32.8	28.8 43.2
120	21.9	18.5 27.7

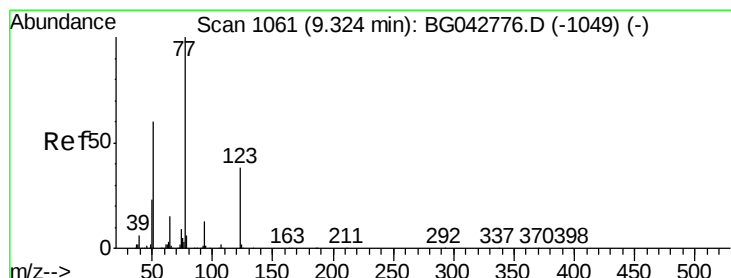
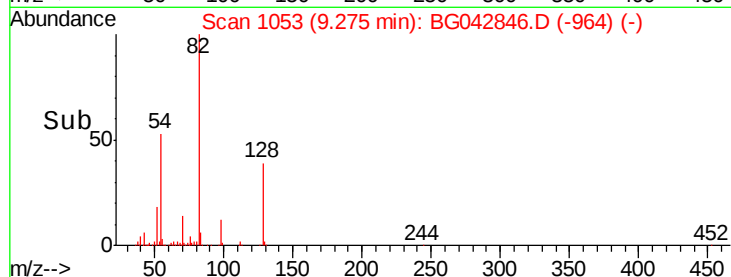
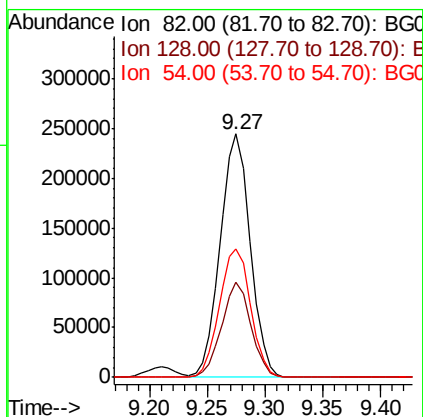
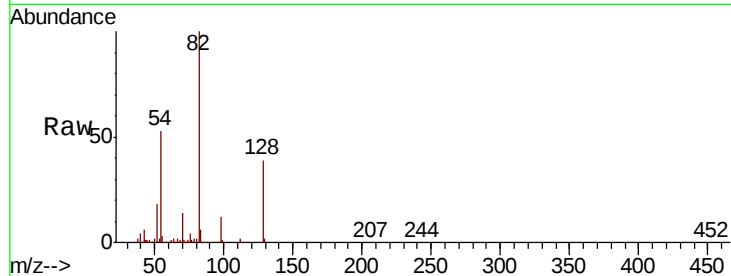




#23
 Nitrobenzene-d5
 Concen: 73.553 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

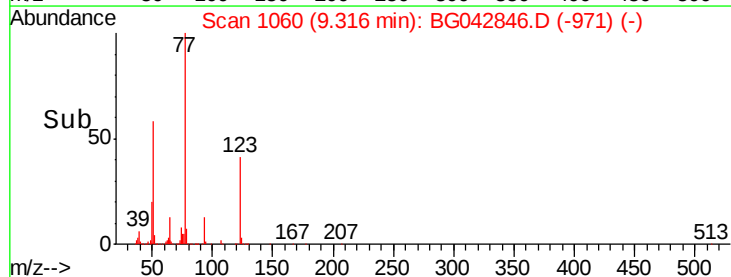
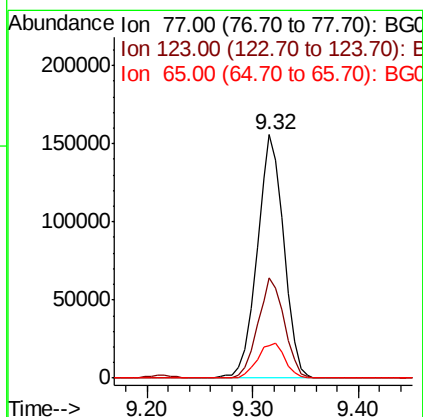
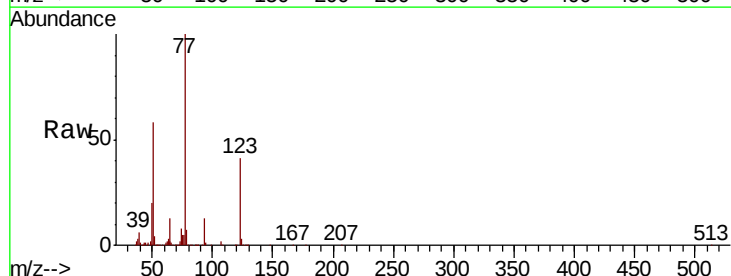
Instrument :
 BNA_G
 ClientSampleId :

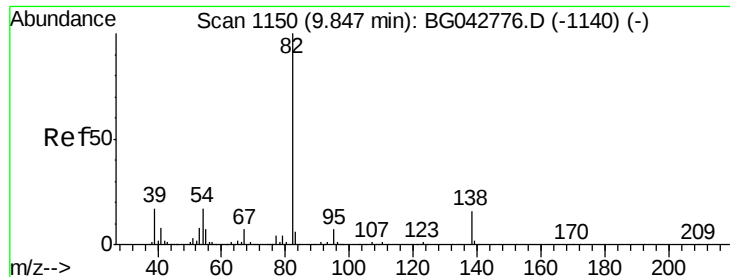
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.8	44.8
54	52.7	46.1	69.1



#24
 Nitrobenzene
 Concen: 43.356 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	30.7	46.1
65	13.2	12.2	18.4





#25

Isophorone

Concen: 41.429 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

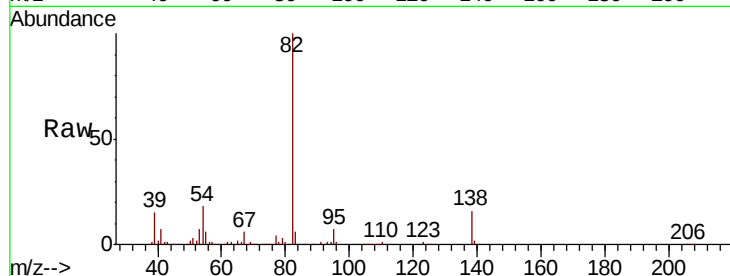
Tot Ion: 82 Resp: 517071

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

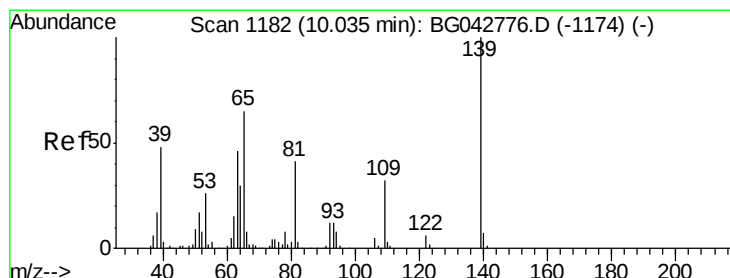
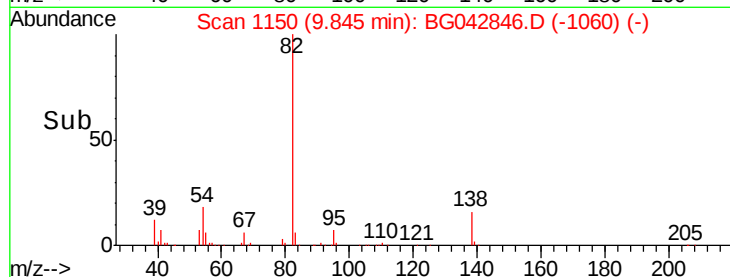
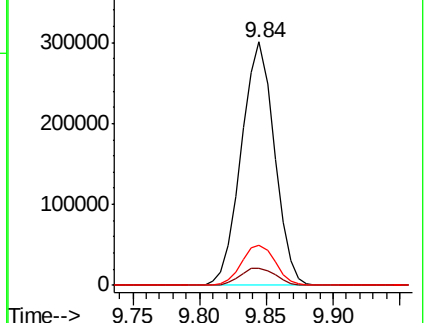
138 16.4 12.9 19.3



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: 48.138 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

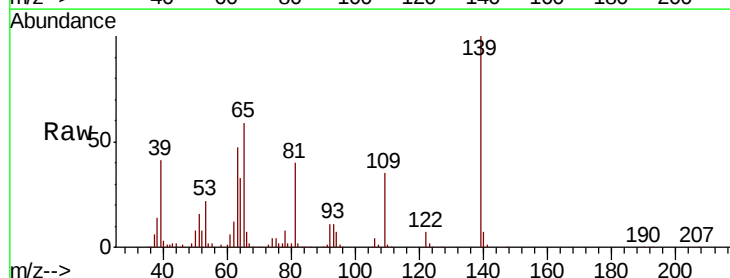
Tgt Ion: 139 Resp: 118969

Ion Ratio Lower Upper

139 100

109 34.9 25.8 38.8

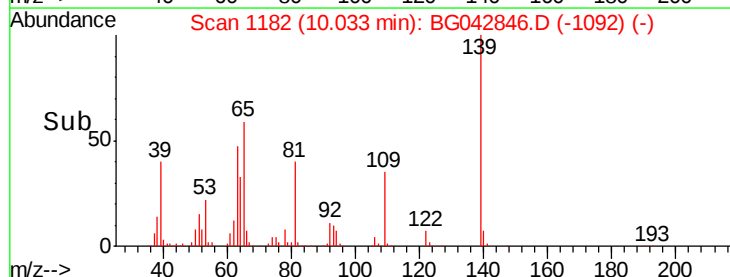
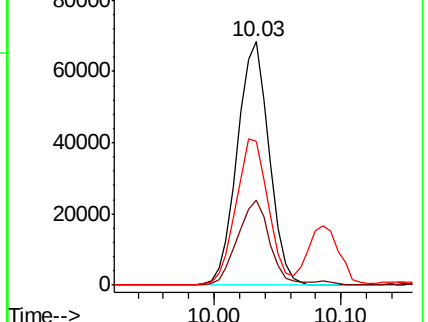
65 59.1 52.2 78.2

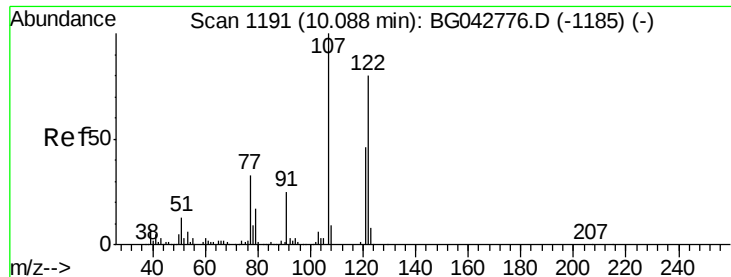


Abundance Ion 139.00 (138.70 to 139.70): BG042776.D (-1174) (-)

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: 51.313 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

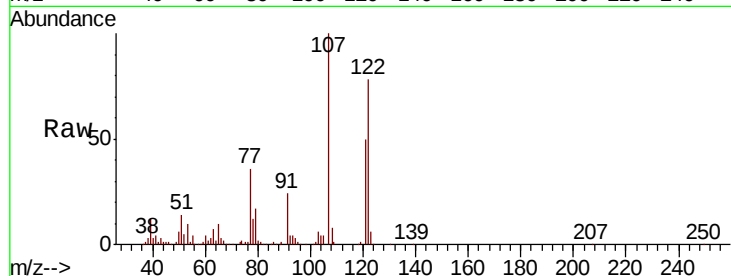
Tot Ion:122 Resp: 224329

Ion Ratio Lower Upper

122 100

107 128.1 98.9 148.3

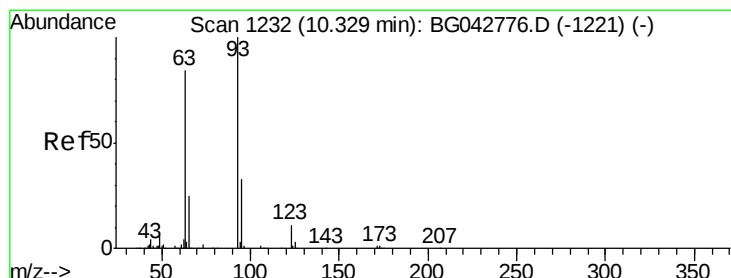
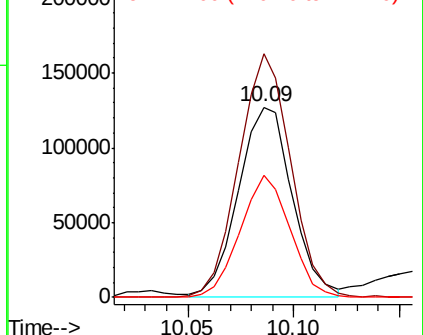
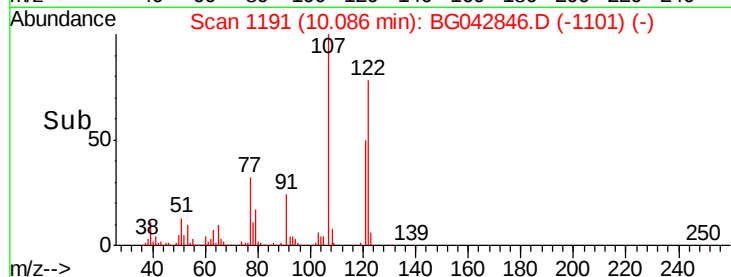
121 64.2 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.774 ng

RT: 10.32 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

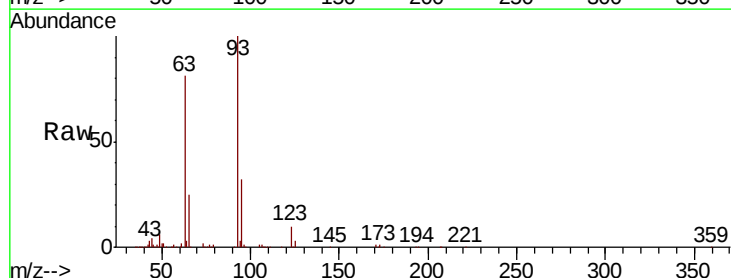
Tgt Ion: 93 Resp: 290763

Ion Ratio Lower Upper

93 100

95 31.9 26.6 40.0

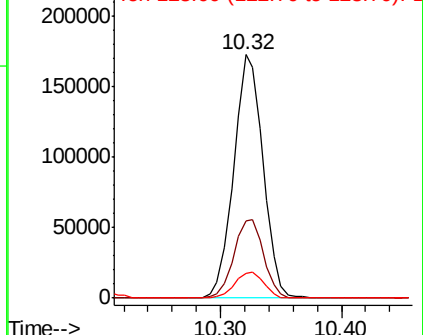
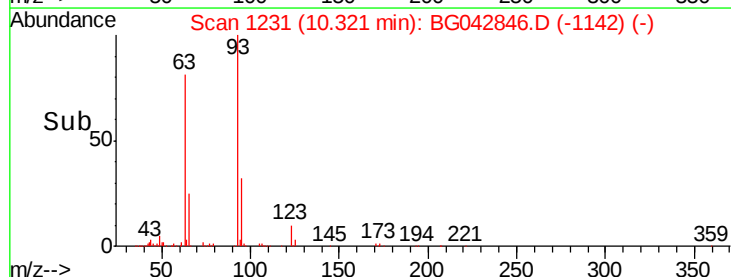
123 10.0 9.0 13.6

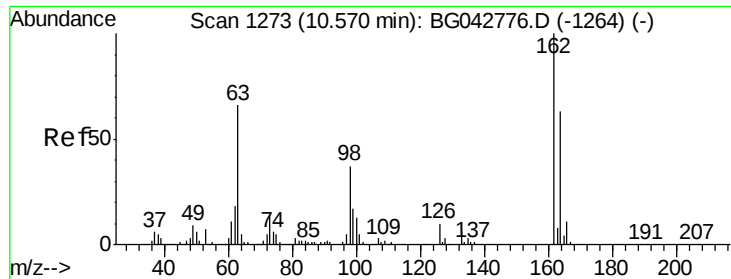


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

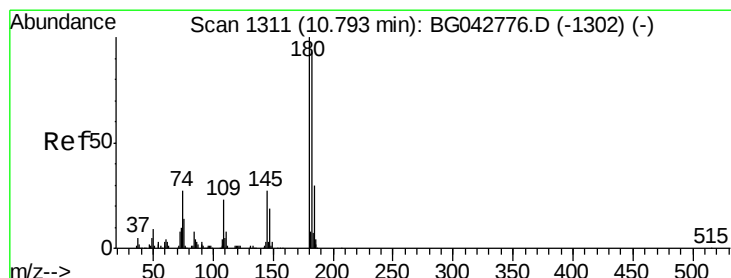
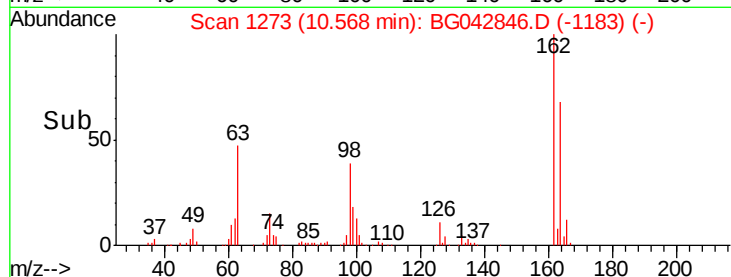
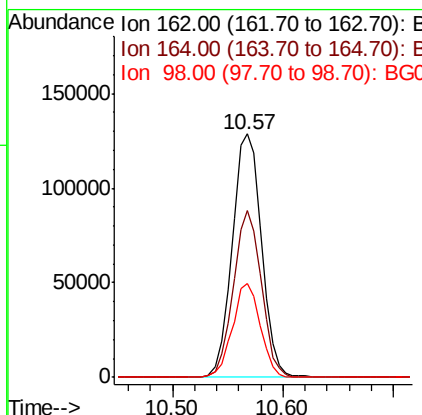
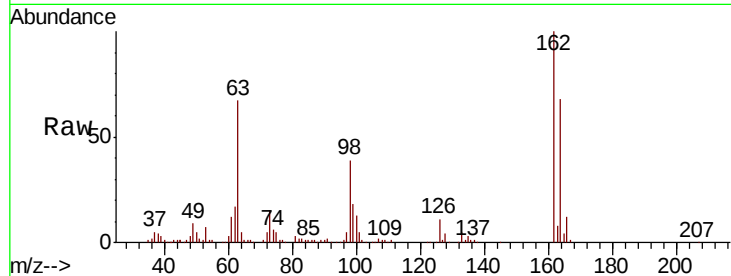




#29
 2,4-Dichlorophenol
 Concen: 47.006 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

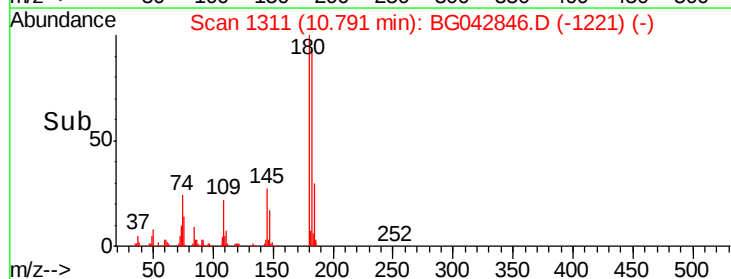
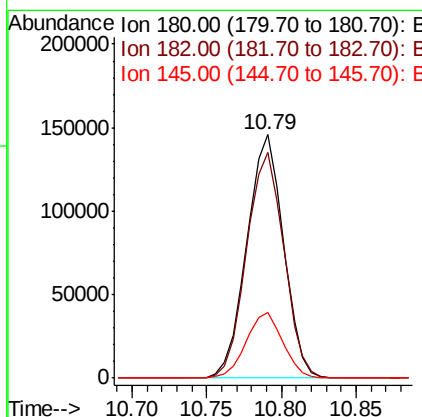
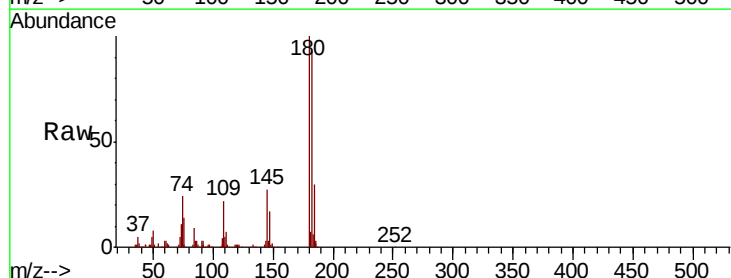
Instrument :
 BNA_G
 ClientSampleId :

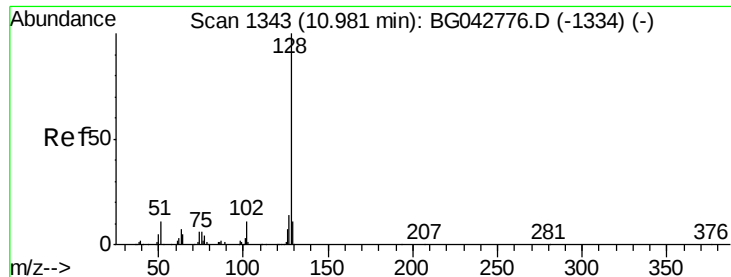
Tot Ion:	162	Resp:	238805
Ion	Ratio	Lower	Upper
162	100		
164	68.5	43.4	83.4
98	38.8	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.911 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion:	180	Resp:	247554
Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.6	112.0
145	26.8	21.8	32.6

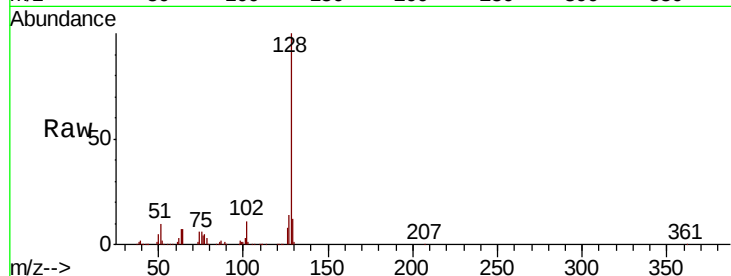




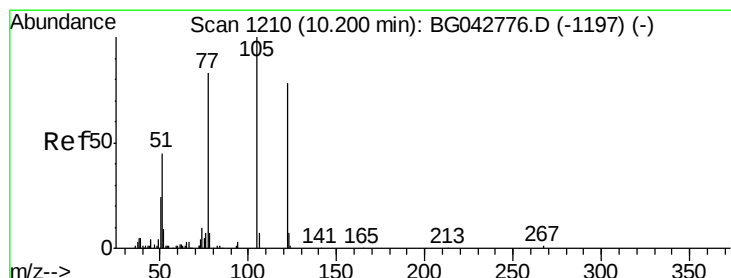
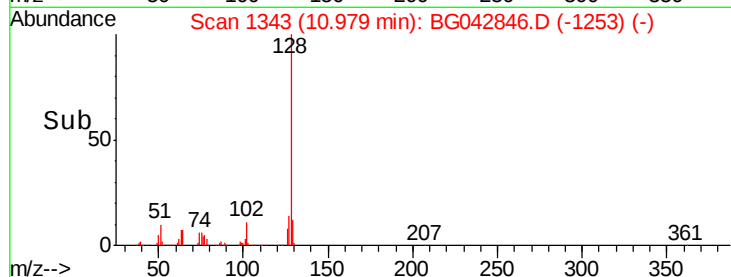
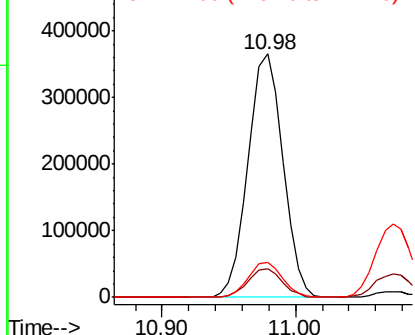
#31
Naphthalene
Concen: 42.917 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.2	11.4	17.2

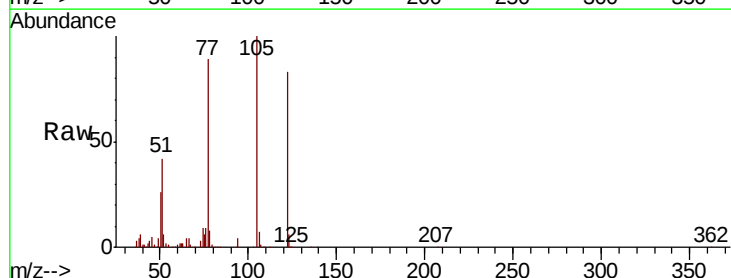


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

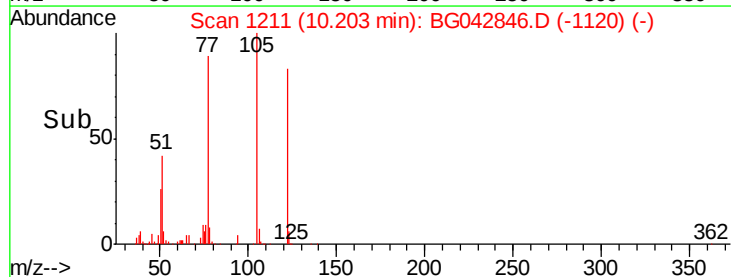
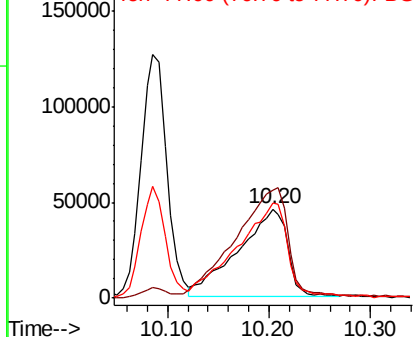


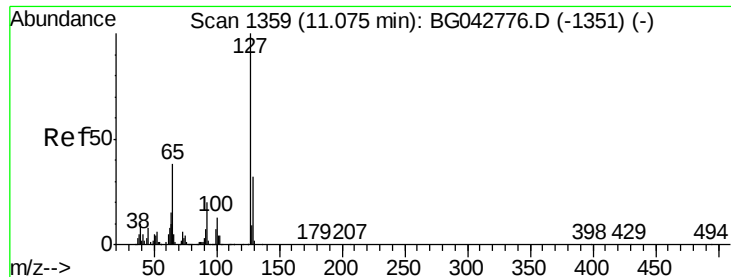
#32
Benzoic acid
Concen: 43.919 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	104.0	144.0
77	107.6	84.2	124.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

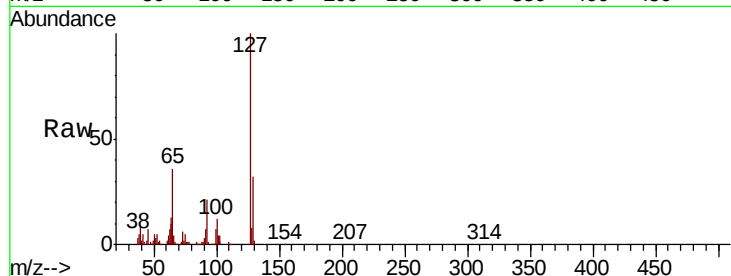




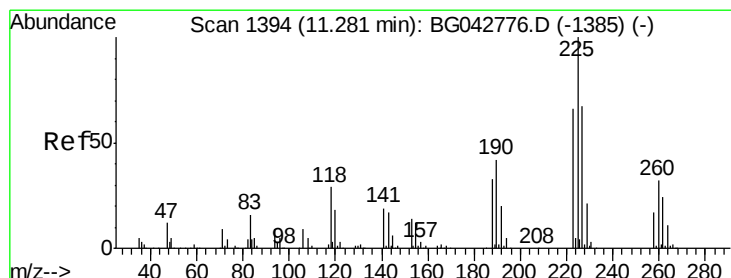
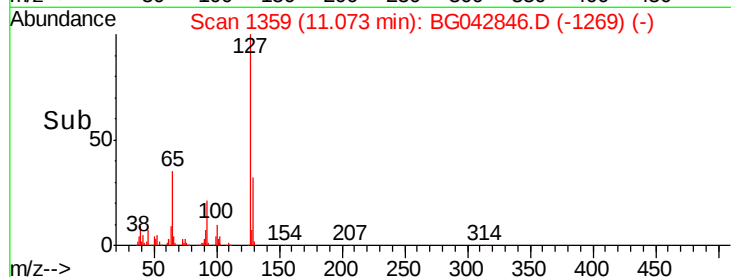
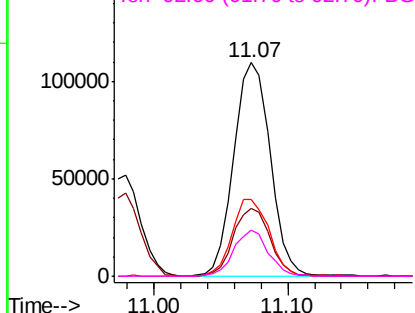
#33
4-Chloroaniline
Concen: 28.679 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	206317
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	35.8	30.5	45.7
92	21.3	15.9	23.9

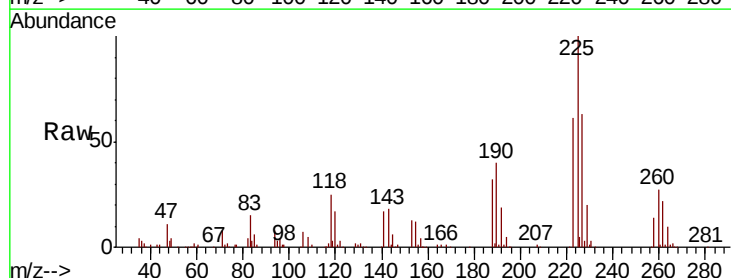


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

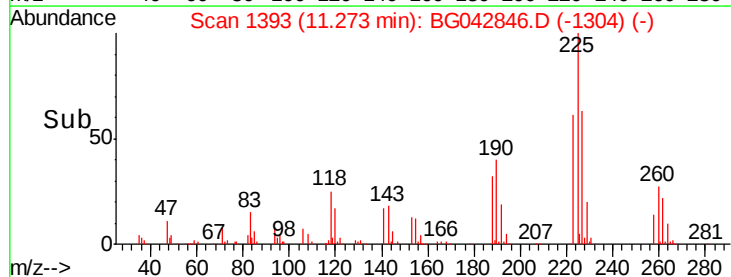
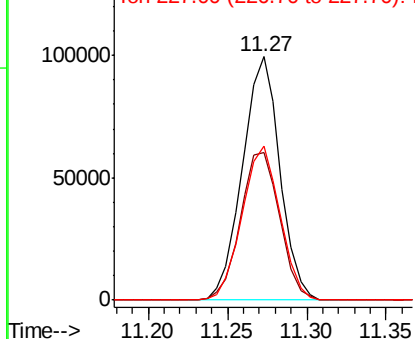


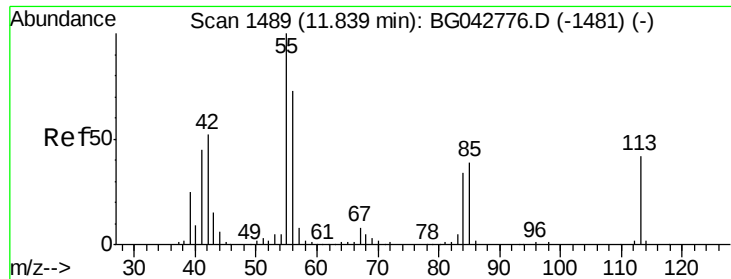
#34
Hexachlorobutadiene
Concen: 37.526 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:	225	Resp:	163080
Ion	Ratio	Lower	Upper
225	100		
223	60.6	52.6	79.0
227	63.3	53.6	80.4



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





#35

Caprolactam

Concen: 30.260 ng

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

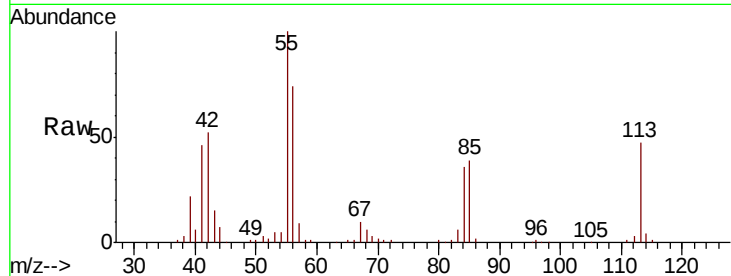
Tot Ion:113 Resp: 57166

Ion Ratio Lower Upper

113 100

55 211.4 218.4 258.4#

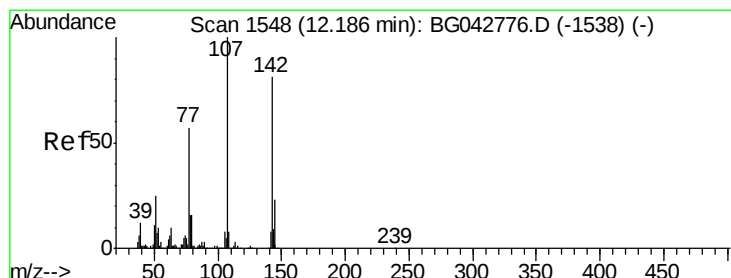
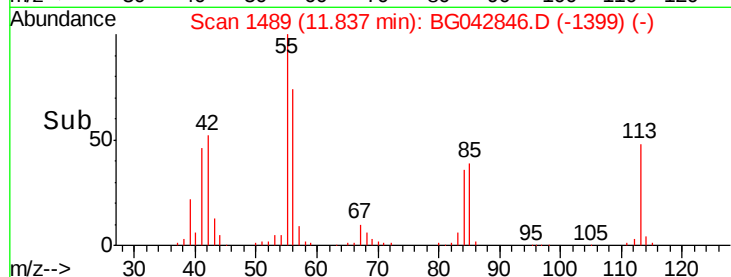
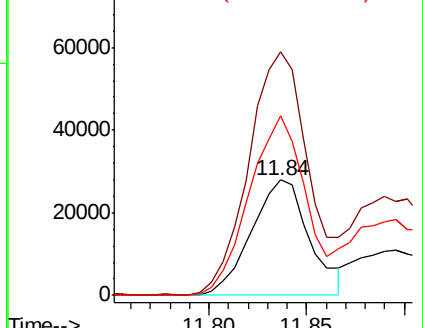
56 156.3 154.8 194.8



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: 49.273 ng

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

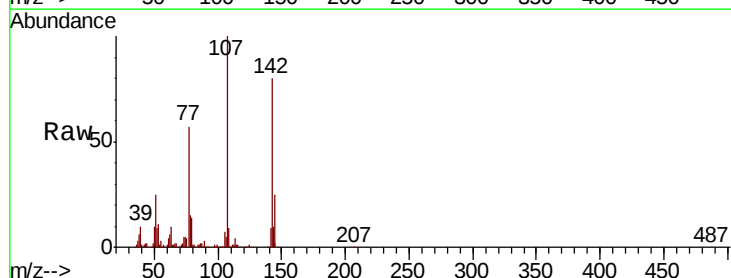
Tgt Ion:107 Resp: 271791

Ion Ratio Lower Upper

107 100

144 25.3 18.7 28.1

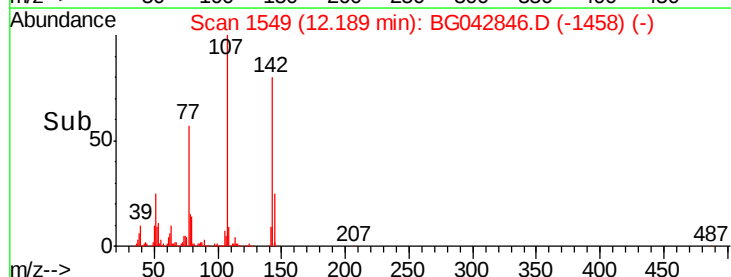
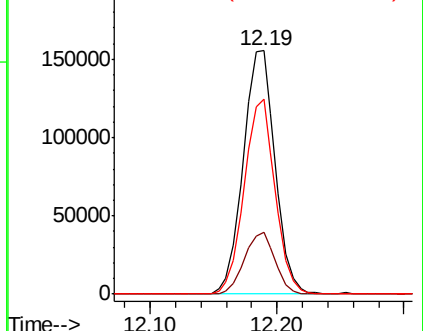
142 79.9 65.0 97.4

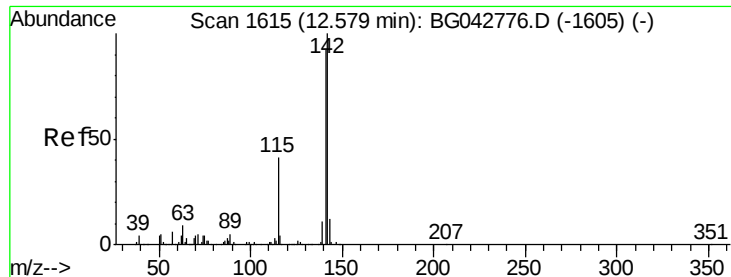


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

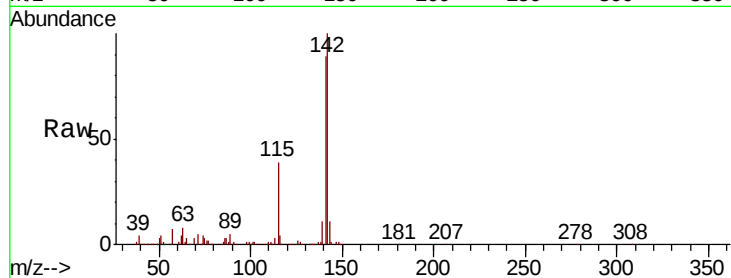




#37
2-Methylnaphthalene
Concen: 43.710 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.8	110.8
115	39.3	33.0	49.4

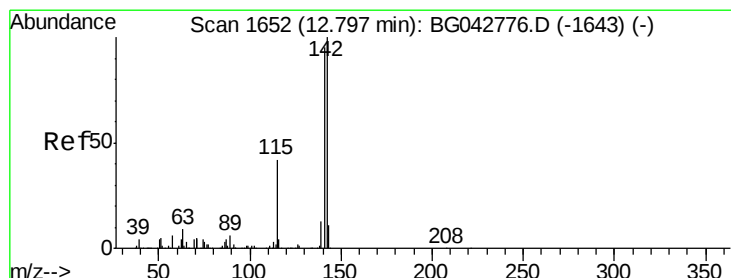
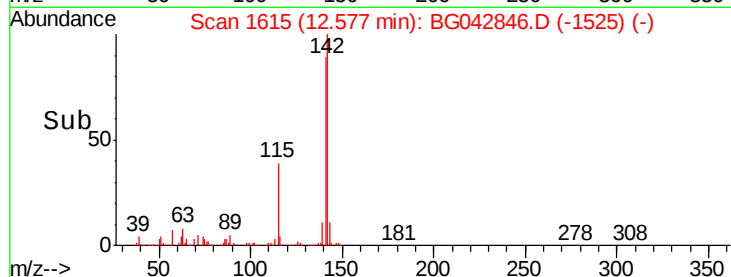
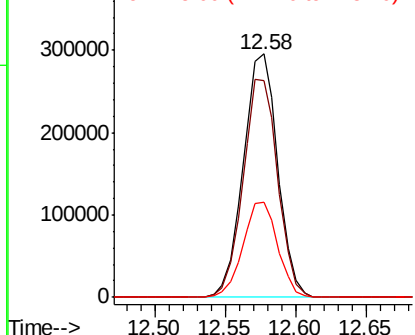


Abundance

Ion 142.00 (141.70 to 142.70): E

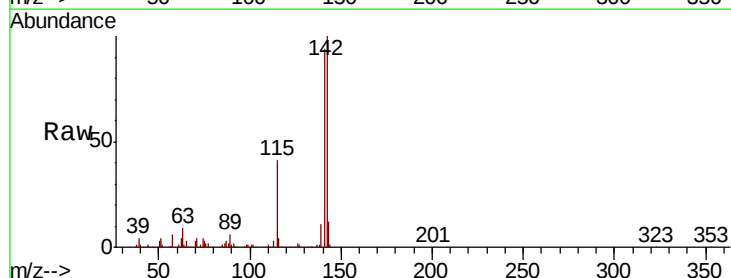
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.639 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	76.3	114.5
116	4.4	3.4	5.0

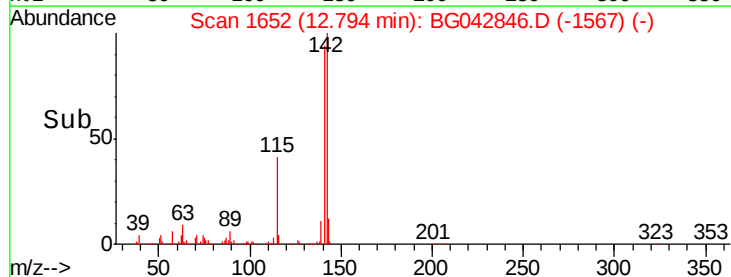
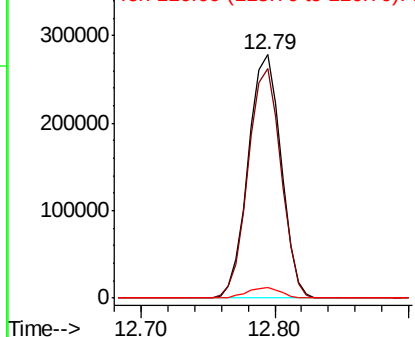


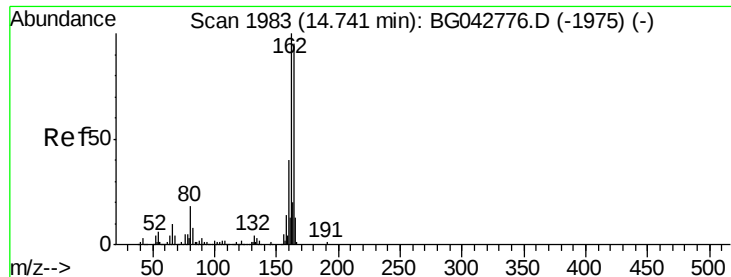
Abundance

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

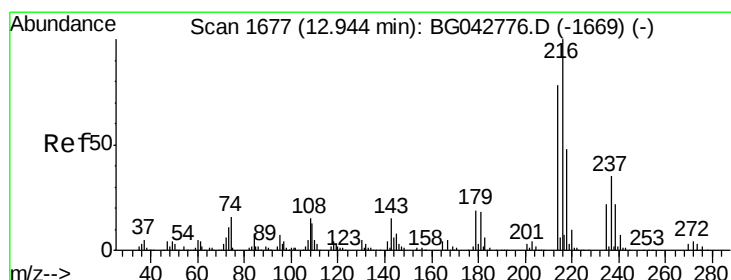
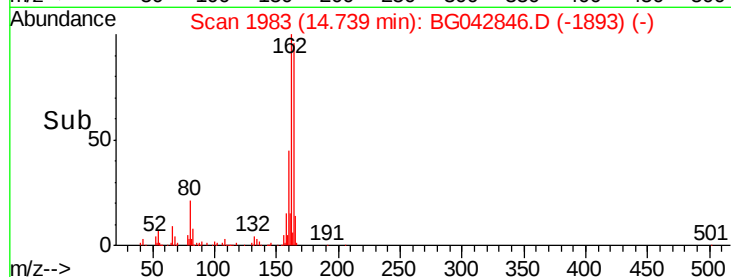
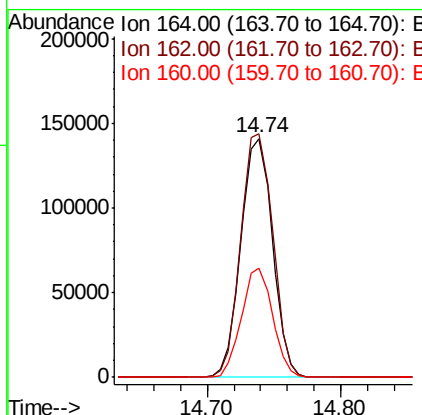
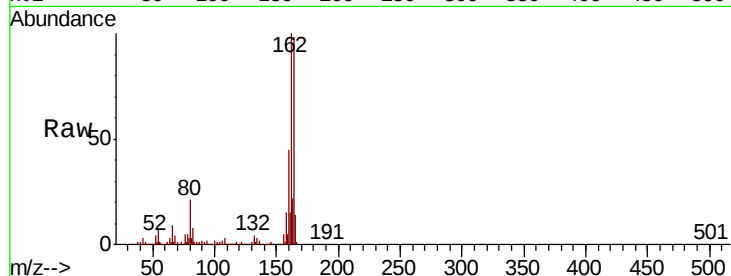




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

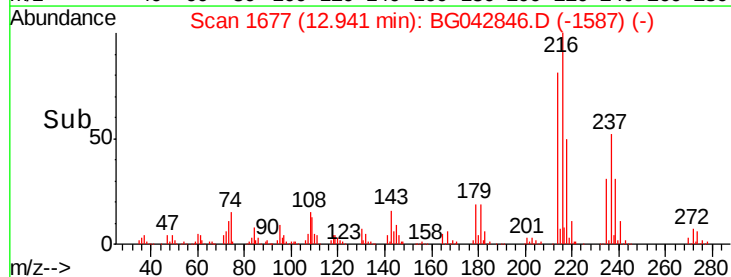
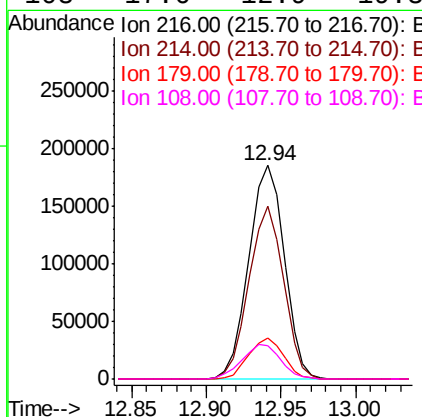
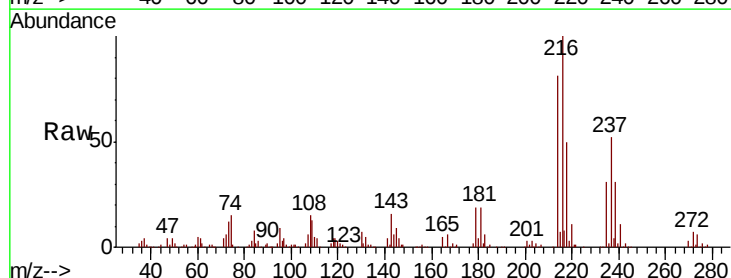
Instrument :
BNA_G
ClientSampleId :

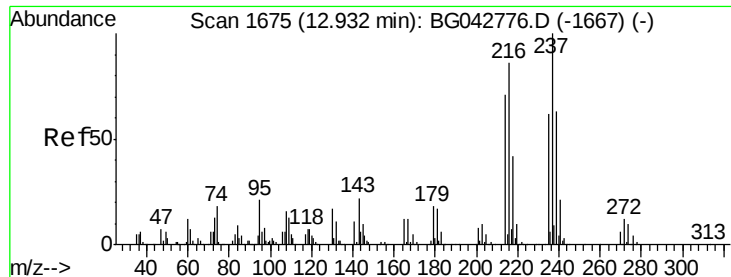
Tot Ion:164 Resp: 230808
Ion Ratio Lower Upper
164 100
162 102.1 84.6 126.8
160 45.9 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.993 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:216 Resp: 305026
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 18.8 15.3 22.9
108 17.6 12.9 19.3





#41

Hexachlorocyclopentadiene

Concen: 85.229 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

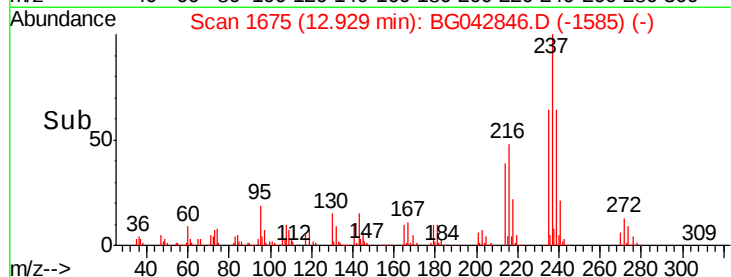
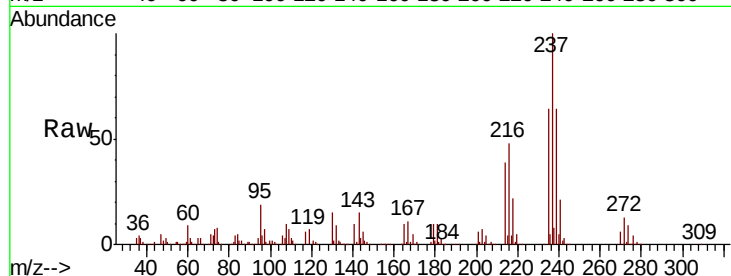
Tot Ion:237 Resp: 372389

Ion Ratio Lower Upper

237 100

235 63.9 41.9 81.9

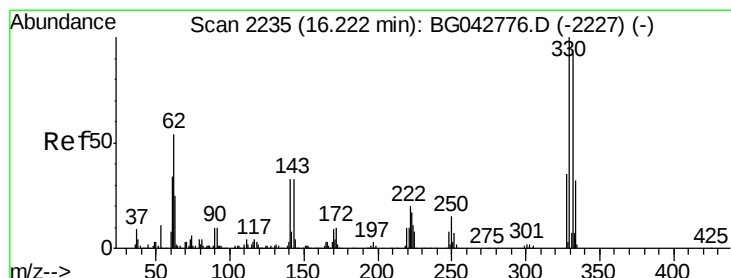
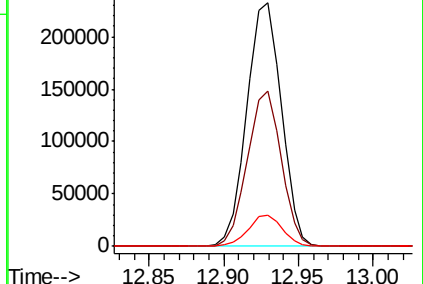
272 12.8 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.180 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

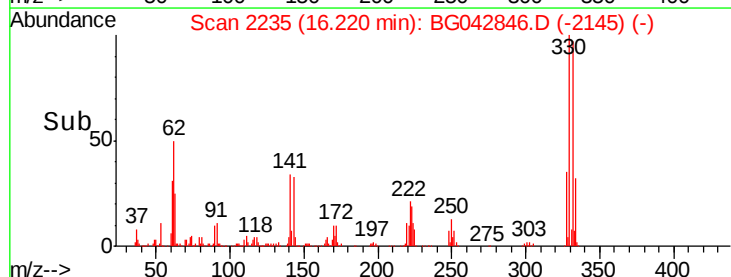
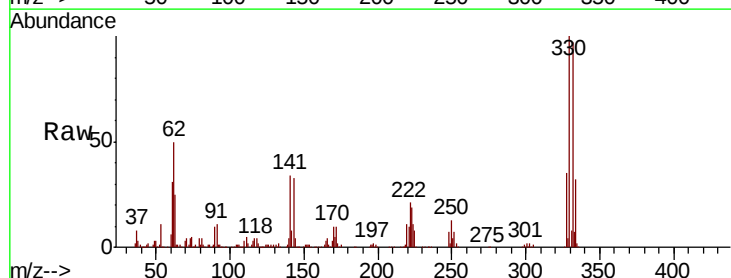
Tgt Ion:330 Resp: 387463

Ion Ratio Lower Upper

330 100

332 96.9 76.7 115.1

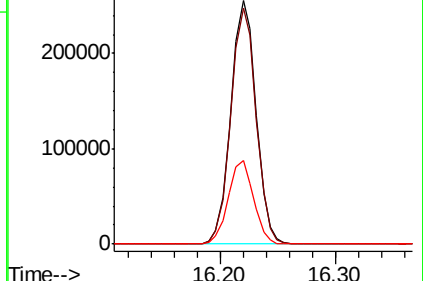
141 34.5 27.0 40.6

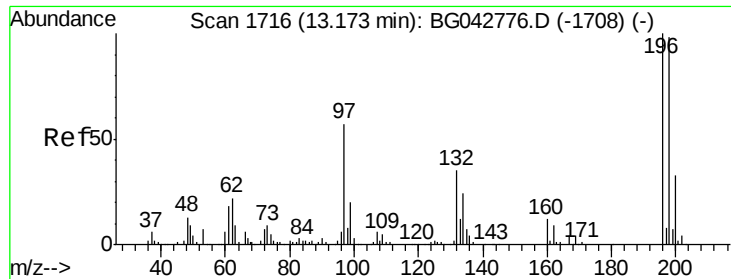


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

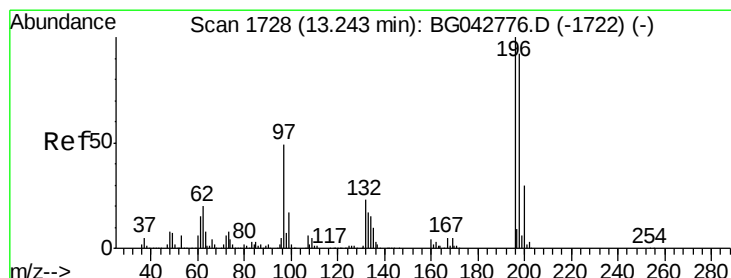
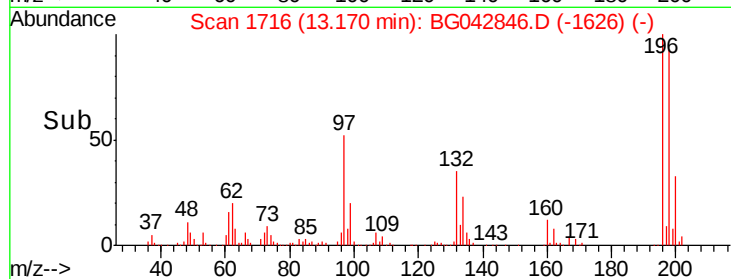
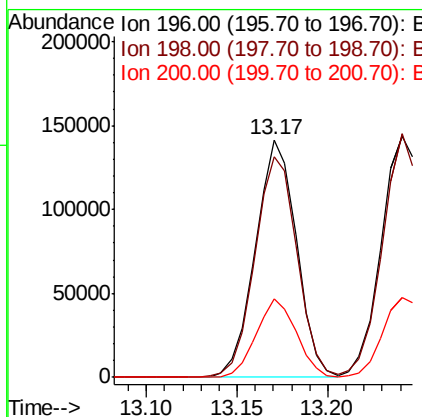
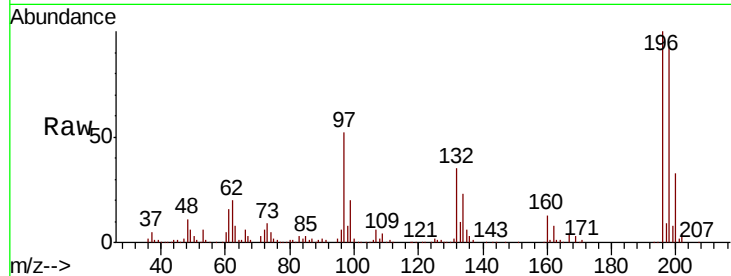




#43
 2,4,6-Trichlorophenol
 Concen: 43.889 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

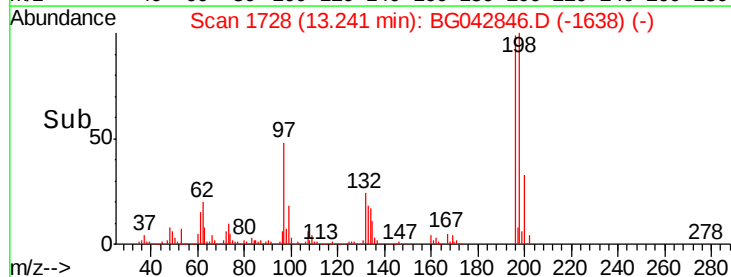
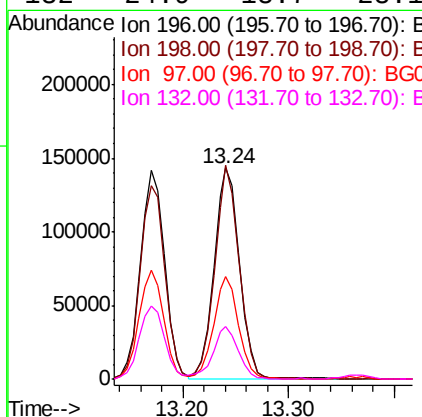
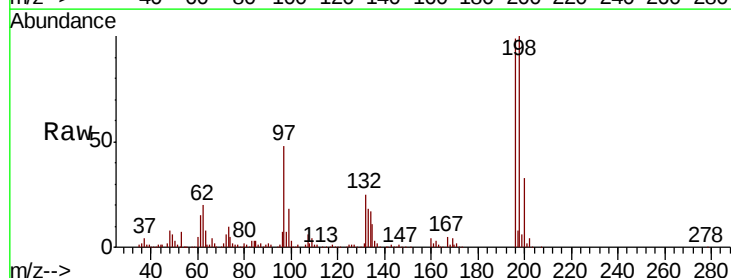
Instrument :
 BNA_G
 ClientSampled :

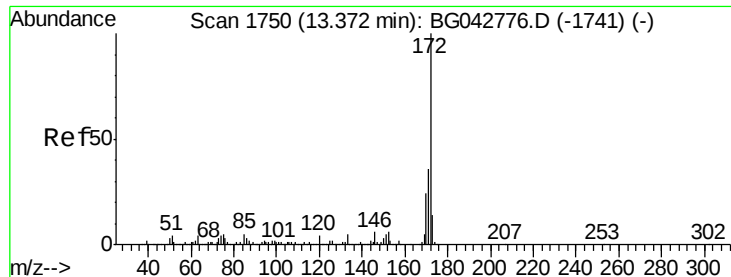
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.9	78.8	118.2
200	33.0	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.325 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	73.4	110.0
97	48.4	39.2	58.8
132	24.9	18.7	28.1

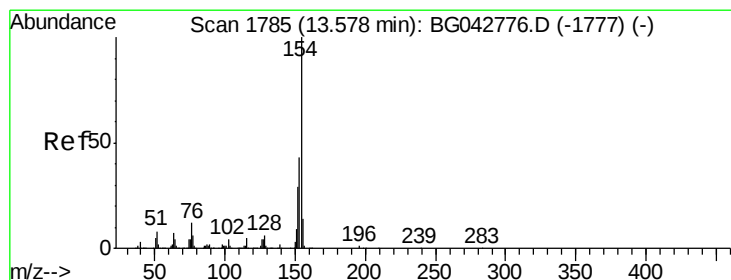
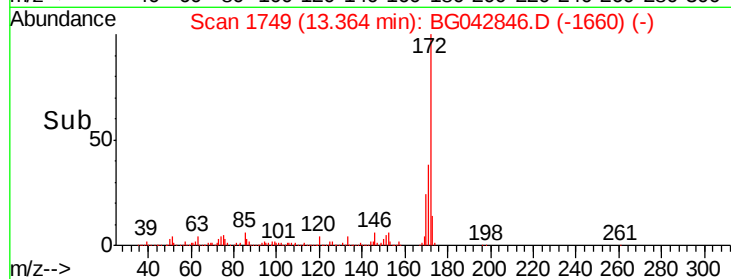
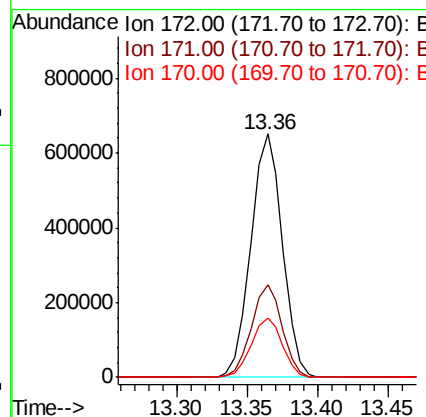
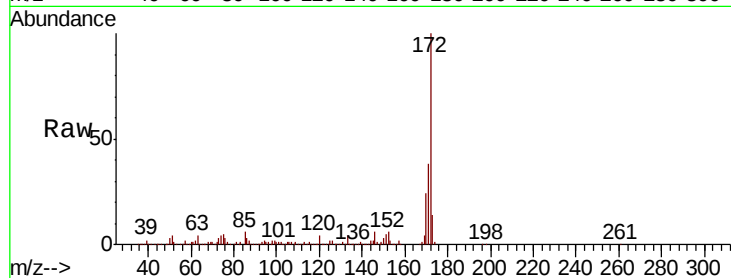




#45
2-Fluorobiphenyl
Concen: 69.825 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

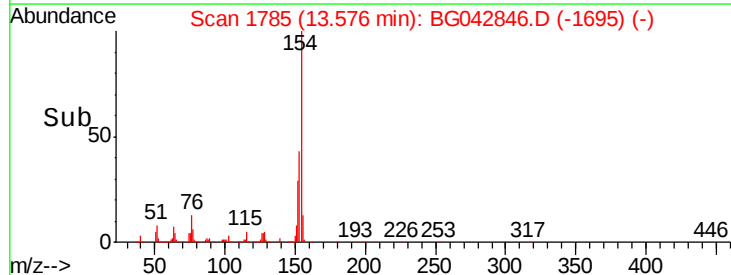
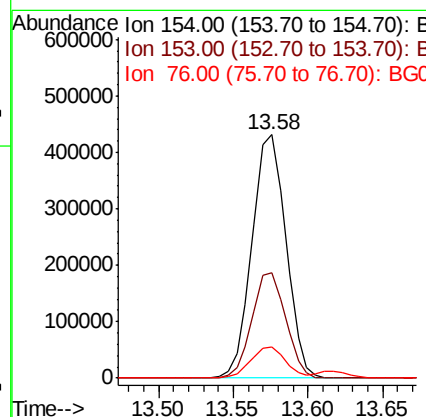
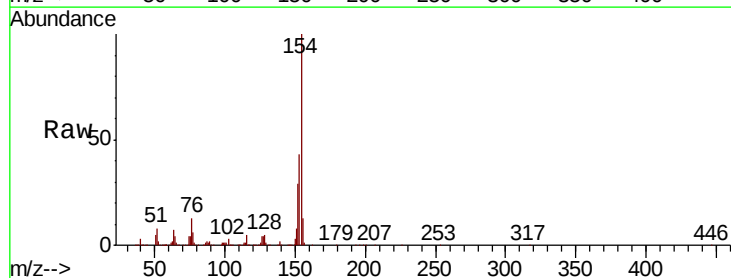
Instrument :
BNA_G
ClientSampleId :

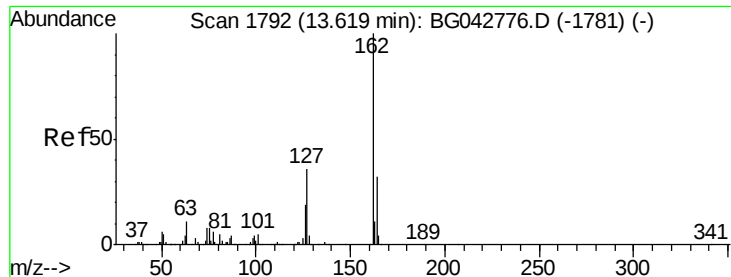
Tot Ion:172 Resp: 1018124
Ion Ratio Lower Upper
172 100
171 37.9 28.9 43.3
170 24.3 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.917 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:154 Resp: 677296
Ion Ratio Lower Upper
154 100
153 43.1 22.6 62.6
76 13.0 0.0 32.2

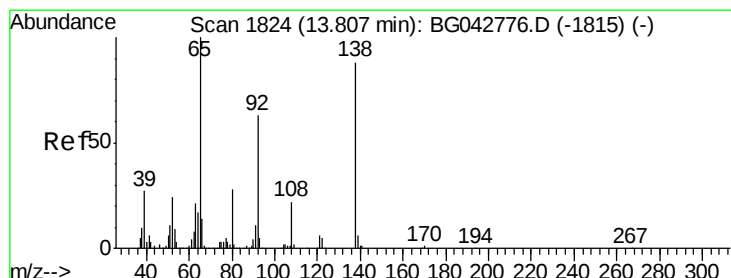
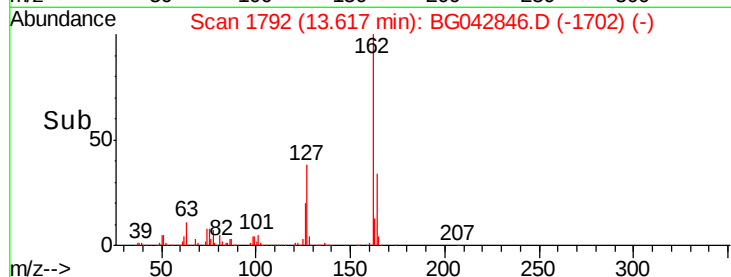
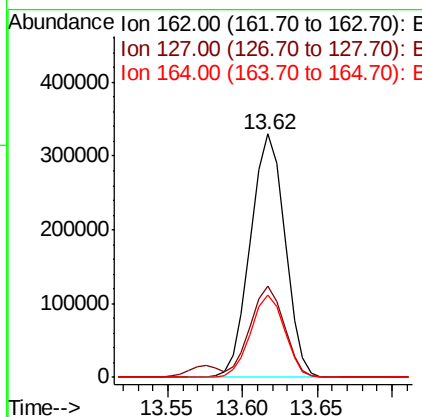
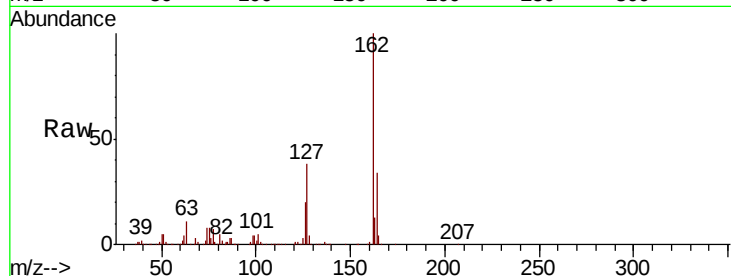




#47
 2-Chloronaphthalene
 Concen: 39.612 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

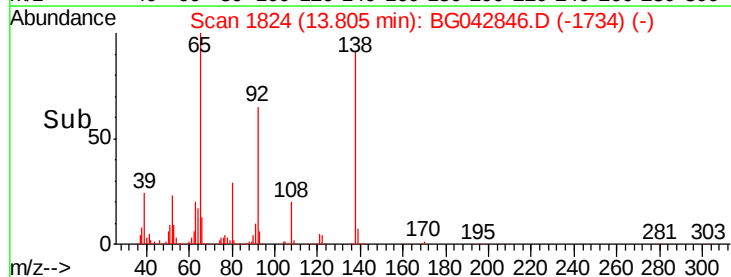
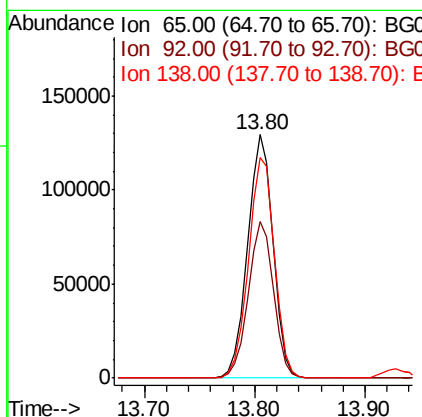
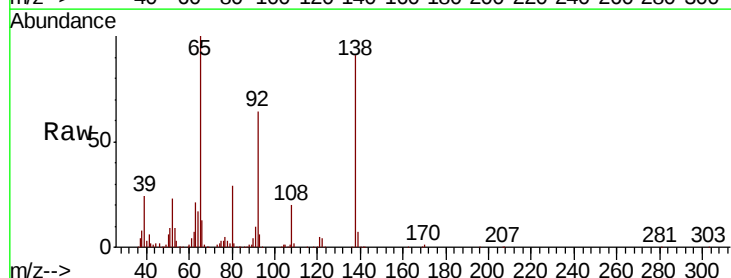
Instrument :
 BNA_G
 ClientSampleId :

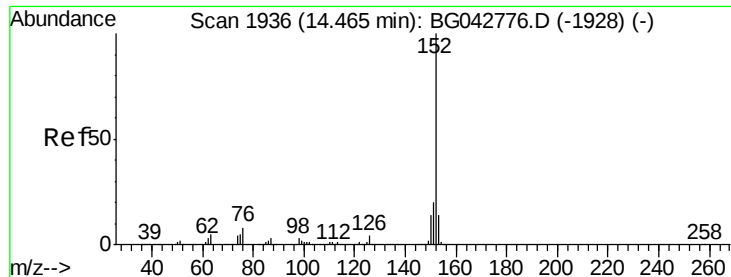
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	29.3	43.9
164	34.0	26.0	39.0



#48
 2-Nitroaniline
 Concen: 45.112 ng
 RT: 13.80 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	50.4	75.6
138	90.6	70.6	106.0





#49

Acenaphthylene

Concen: 43.318 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

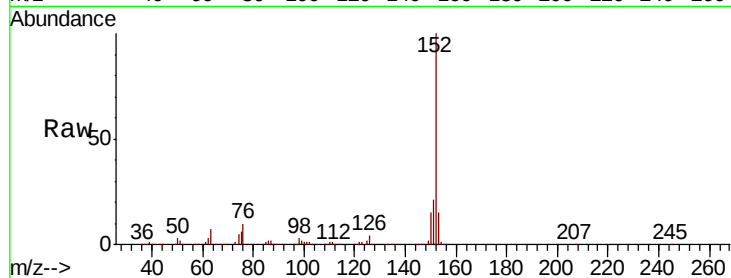
Tot Ion:152 Resp: 884818

Ion Ratio Lower Upper

152 100

151 21.3 16.0 24.0

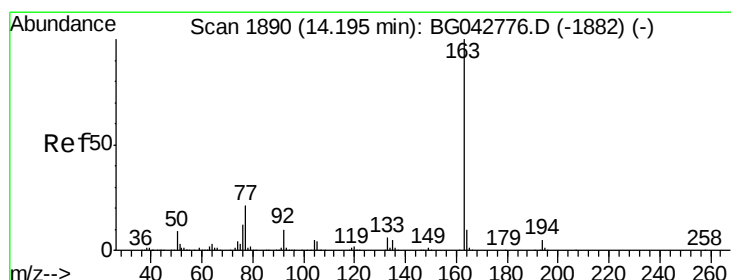
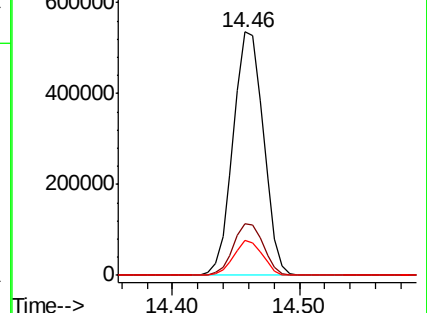
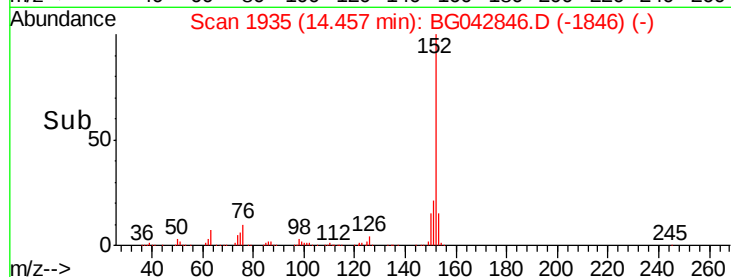
153 14.5 11.4 17.0



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: 42.678 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

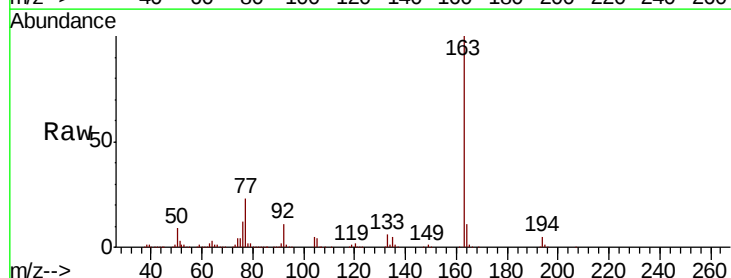
Tgt Ion:163 Resp: 737918

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.4

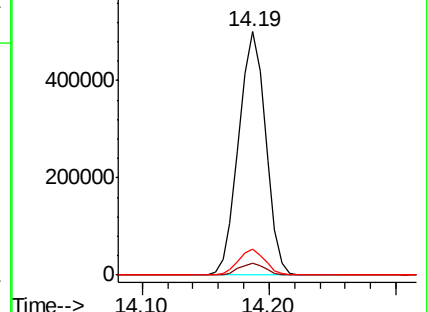
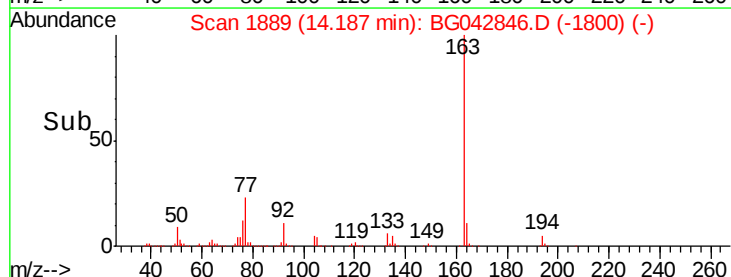
164 10.6 8.4 12.6



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: 48.062 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

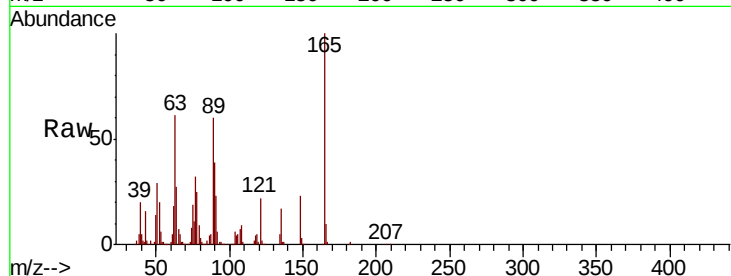
Tot Ion:165 Resp: 170516

Ion Ratio Lower Upper

165 100

63 60.7 52.1 78.1

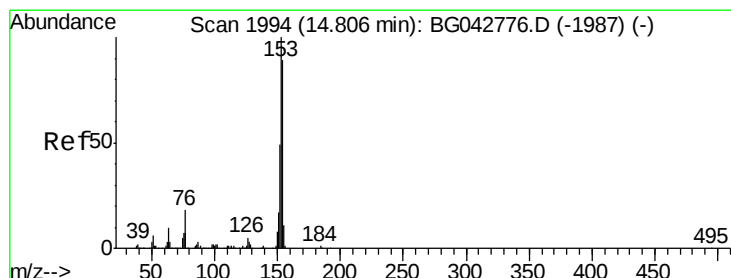
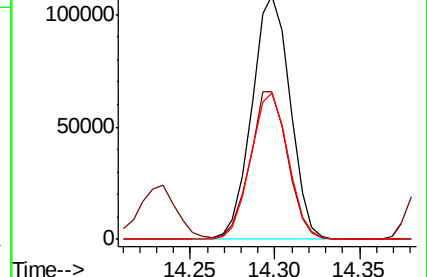
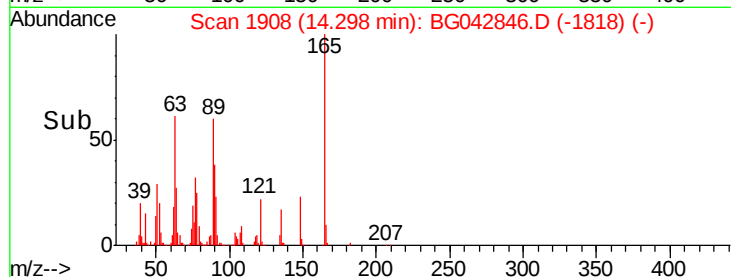
89 60.1 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 47.164 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

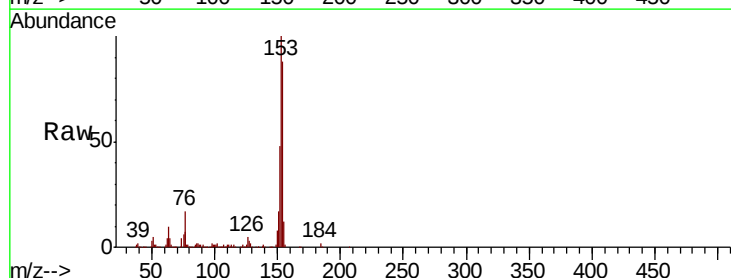
Tgt Ion:154 Resp: 629373

Ion Ratio Lower Upper

154 100

153 113.7 89.4 134.2

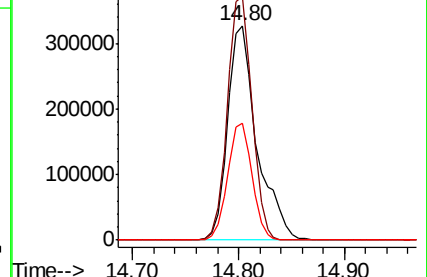
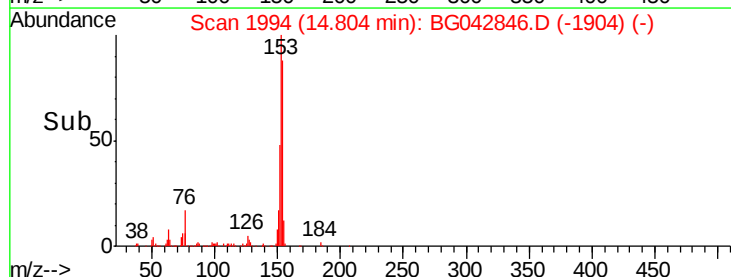
152 54.9 43.5 65.3

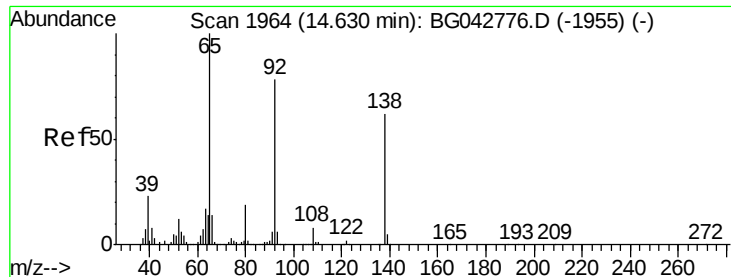


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

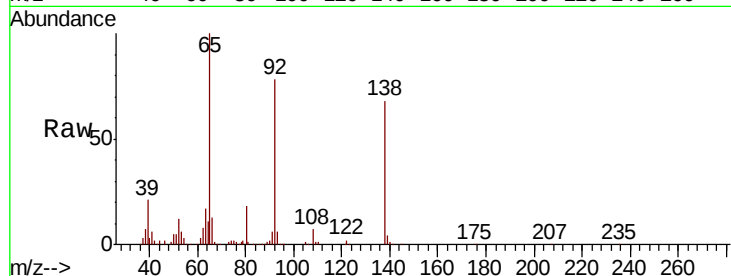




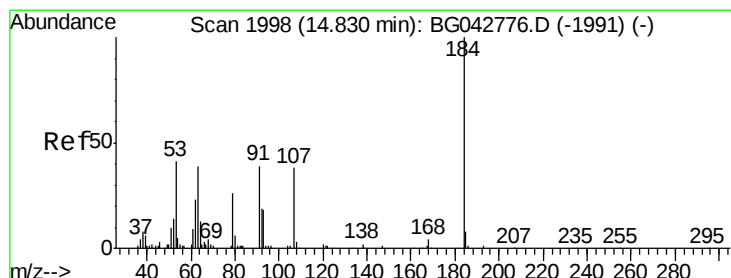
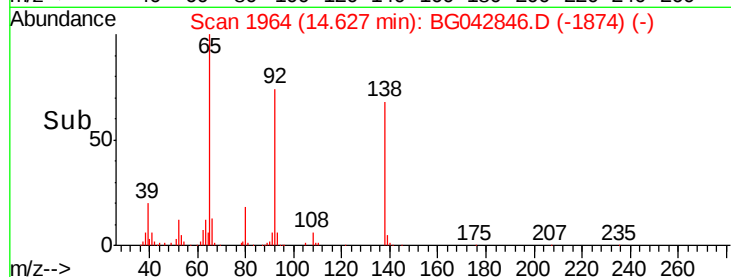
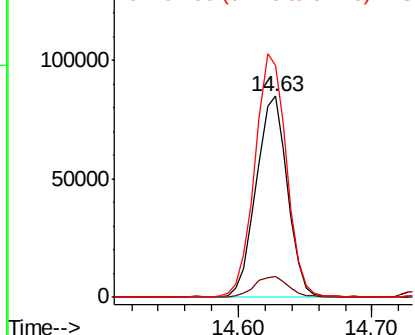
#53
3-Nitroaniline
Concen: 34.615 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 137828
Ion Ratio Lower Upper
138 100
108 10.7 10.7 16.1#
92 115.7 100.5 150.7

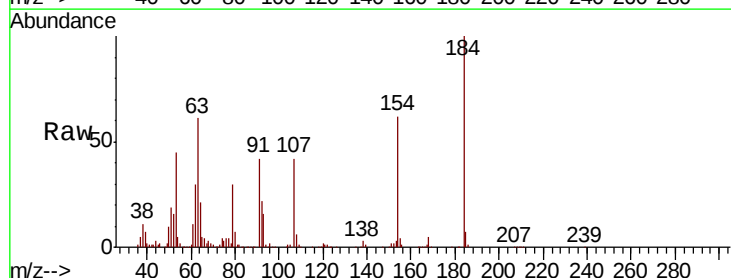


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

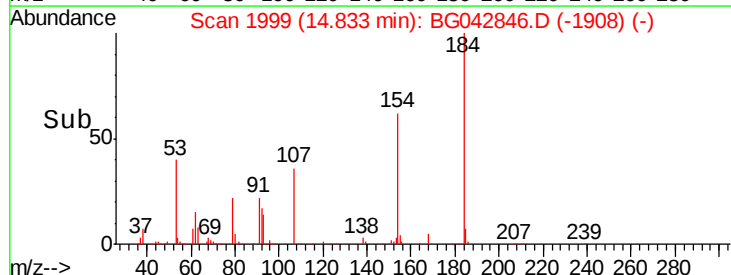
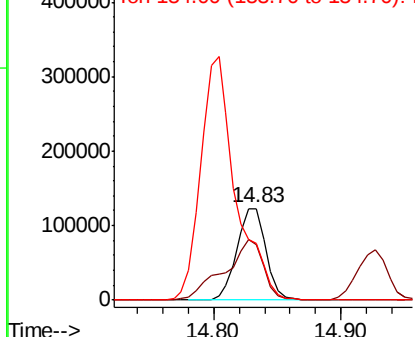


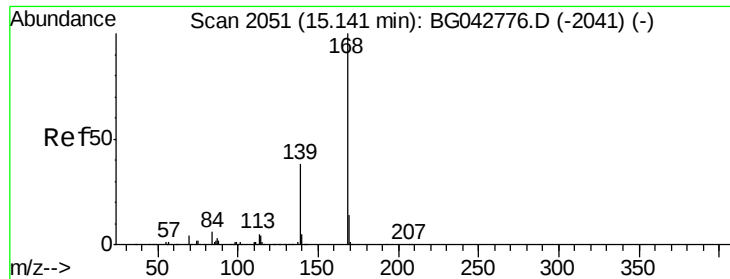
#54
2,4-Dinitrophenol
Concen: 111.819 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:184 Resp: 195297
Ion Ratio Lower Upper
184 100
63 61.0 46.2 69.4
154 62.1 81.3 121.9#



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

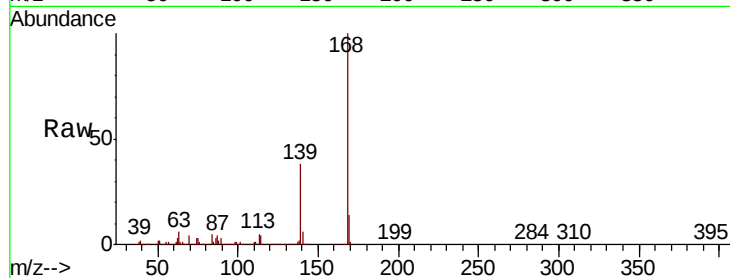




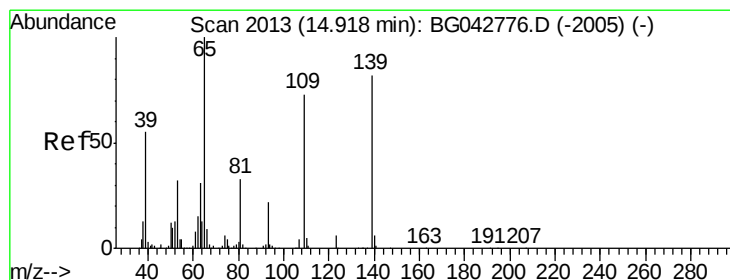
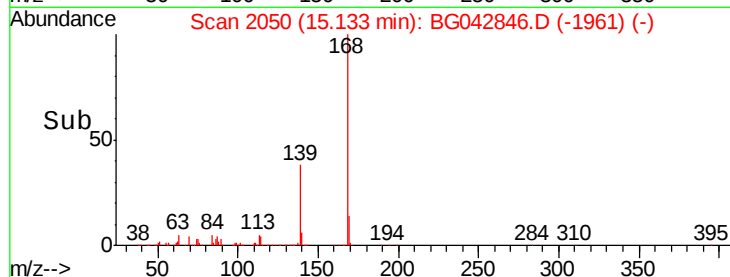
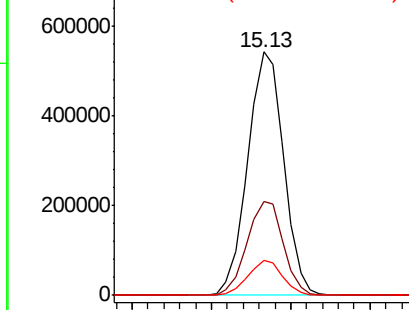
#55
Dibenzofuran
Concen: 43.079 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.2	45.4
169	14.3	11.2	16.8

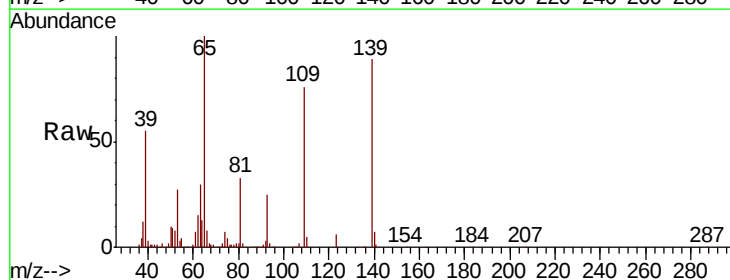


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

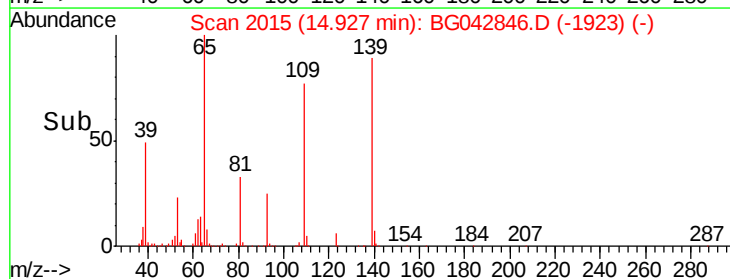
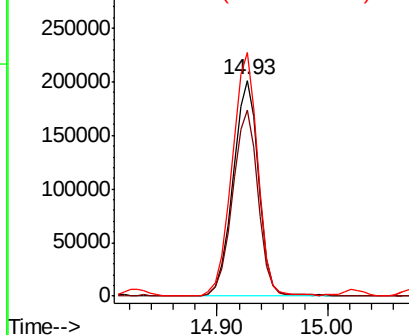


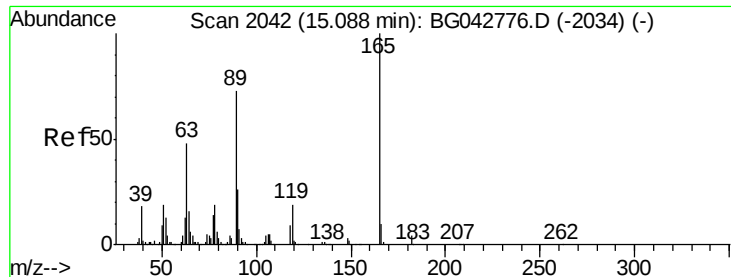
#56
4-Nitrophenol
Concen: 105.876 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.1	69.4	109.4
65	112.7	102.5	142.5



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

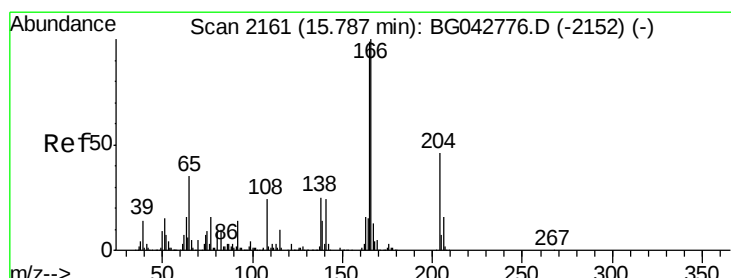
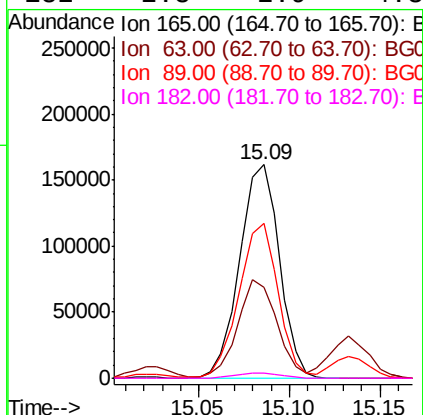
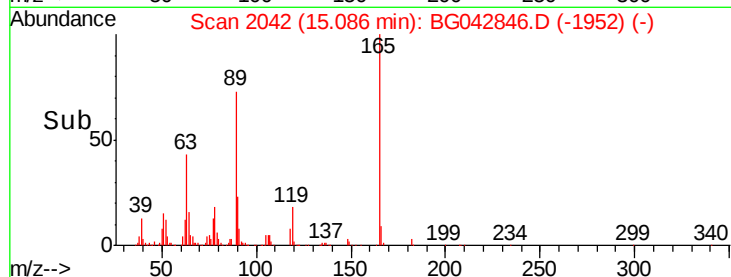
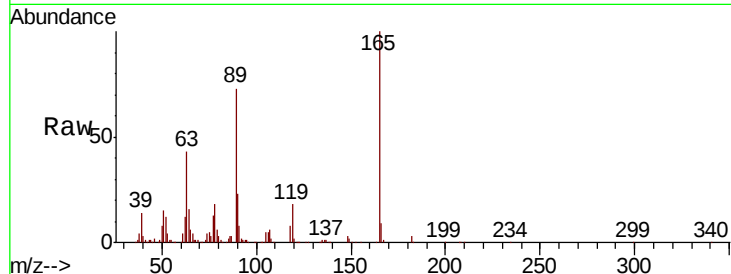




#57
 2,4-Dinitrotoluene
 Concen: 52.219 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

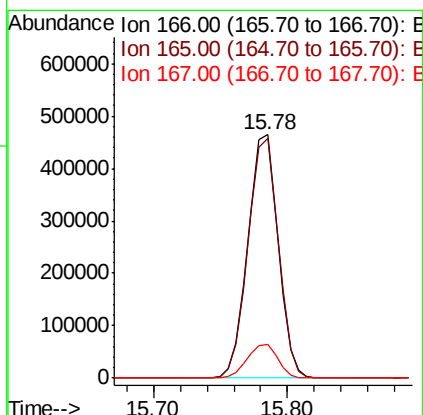
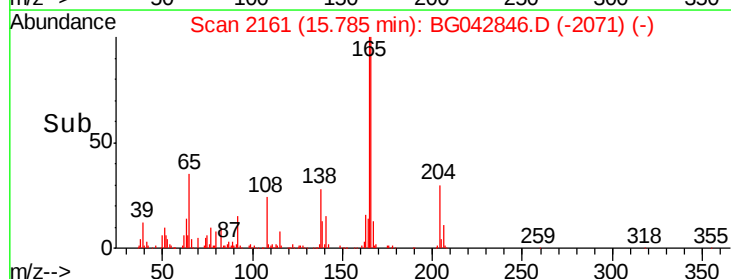
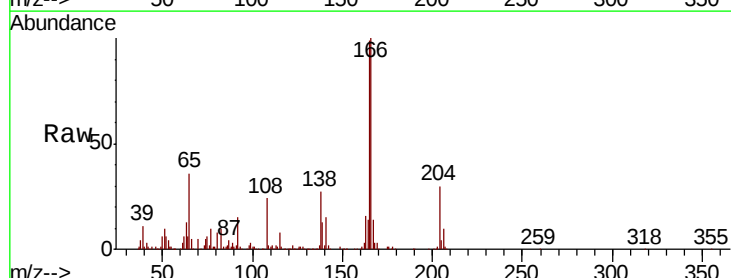
Instrument :
 BNA_G
 ClientSampleId :

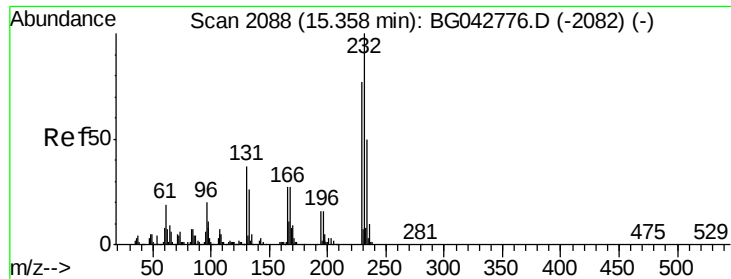
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	38.3	57.5
89	72.8	58.4	87.6
182	2.8	2.9	4.3



#58
 Fluorene
 Concen: 44.004 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.7	10.7	16.1

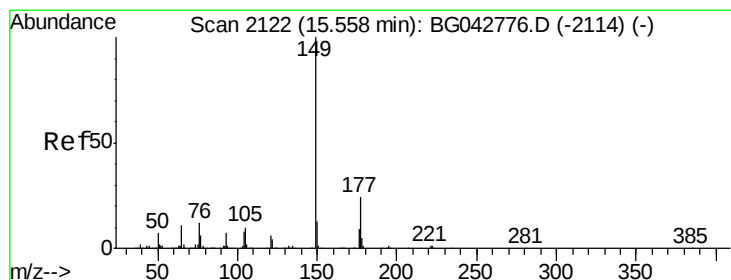
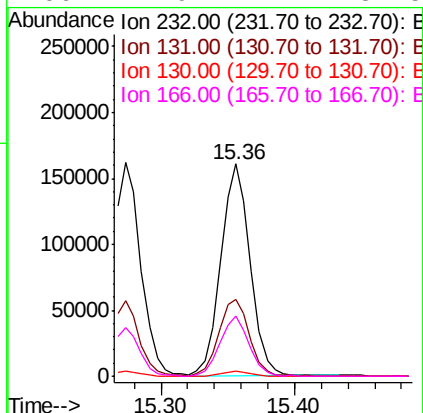
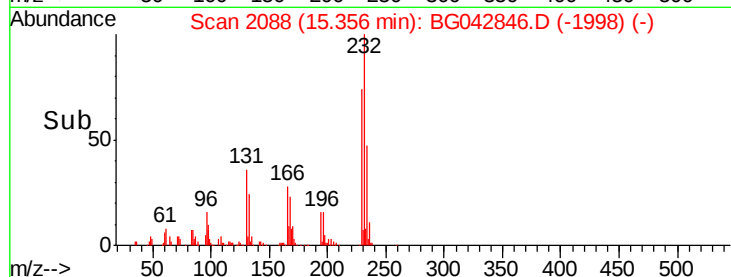
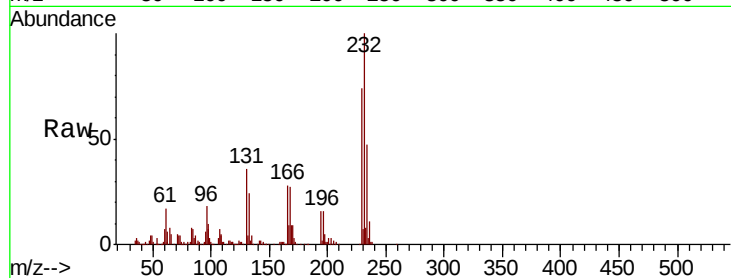




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.983 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

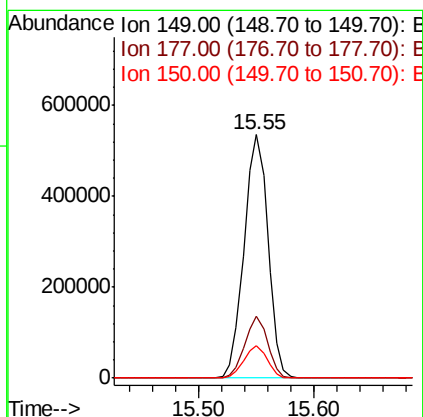
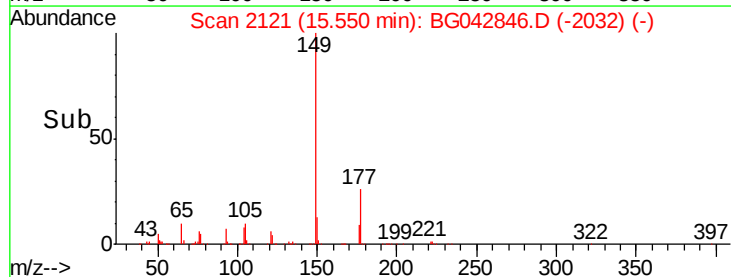
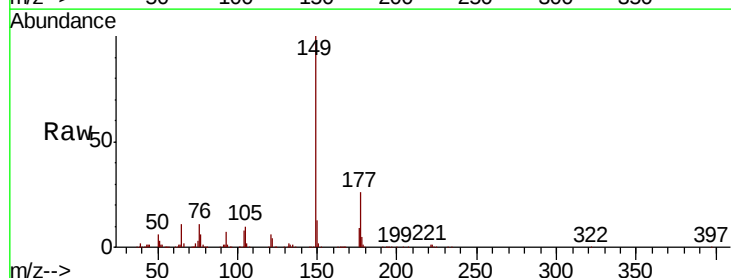
Instrument :
 BNA_G
 ClientSampled :

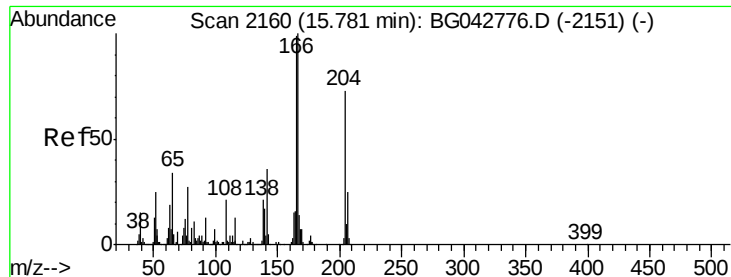
Tot Ion:232	Resp:	246959
Ion Ratio	Lower	Upper
232	100	
131	37.7	31.1 46.7
130	2.4	1.8 2.6
166	27.9	21.7 32.5



#60
 Diethylphthalate
 Concen: 43.838 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion:149	Resp:	769408
Ion Ratio	Lower	Upper
149	100	
177	25.6	19.4 29.0
150	13.1	10.2 15.4

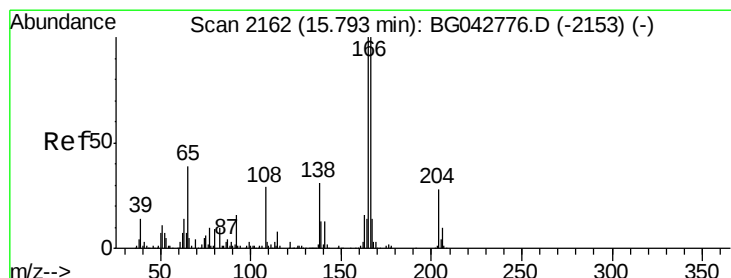
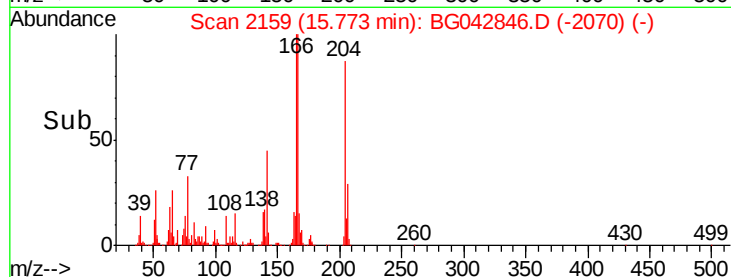
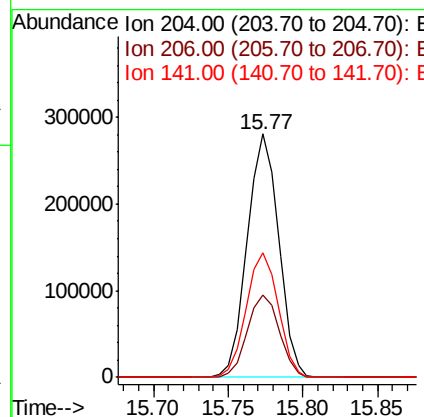
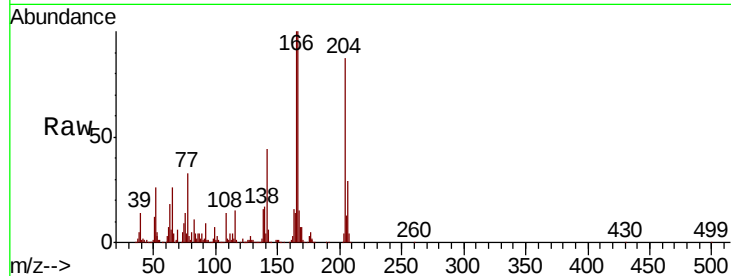




#61
4-Chlorophenyl-phenylether
Concen: 42.040 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

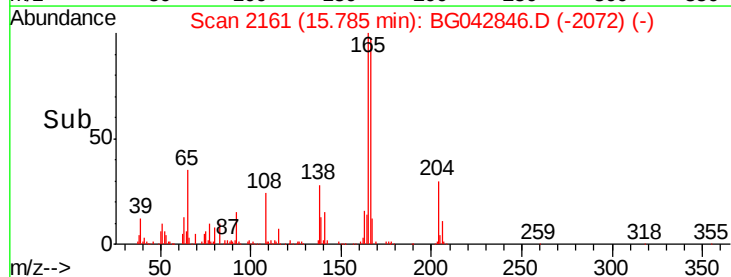
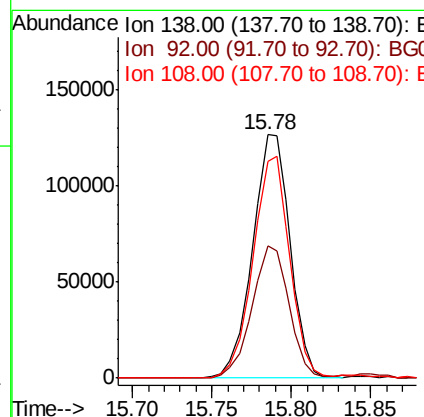
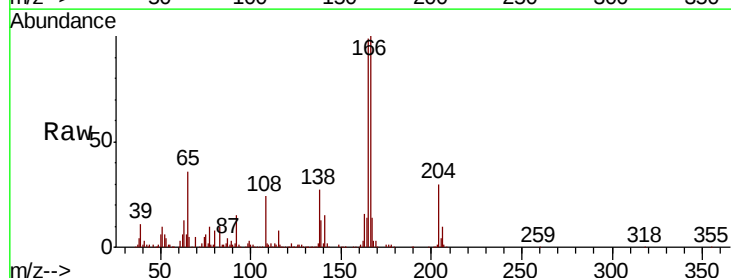
Instrument :
BNA_G
ClientSampleId :

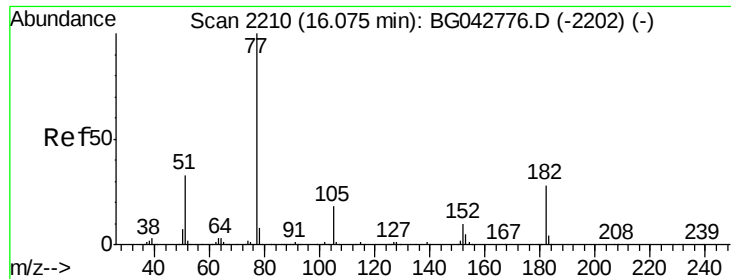
Tot Ion:204 Resp: 408603
Ion Ratio Lower Upper
204 100
206 33.7 27.6 41.4
141 51.1 39.8 59.6



#62
4-Nitroaniline
Concen: 48.627 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:138 Resp: 208706
Ion Ratio Lower Upper
138 100
92 54.3 31.4 71.4
108 89.1 74.8 114.8

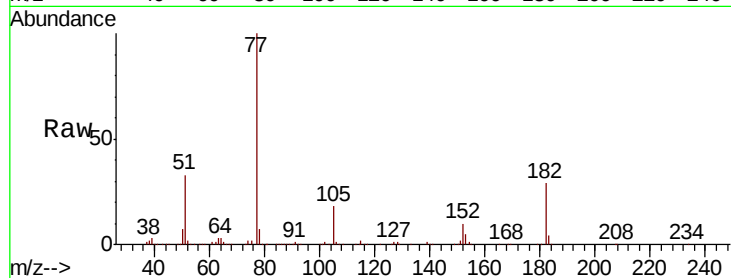




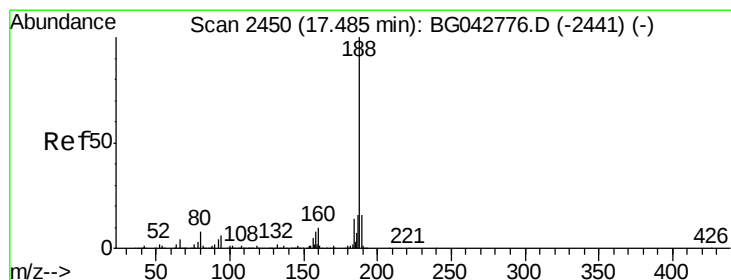
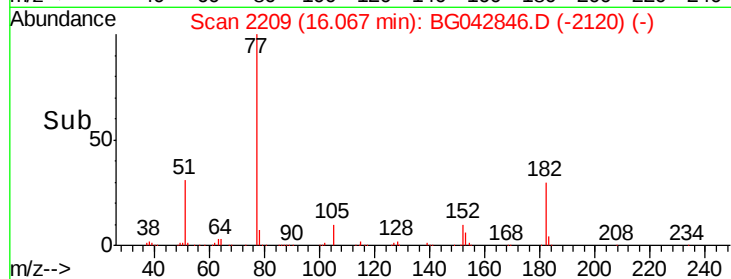
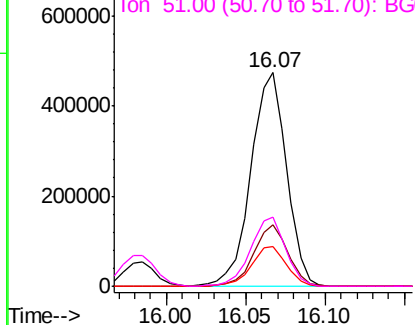
#63
Azobenzene
Concen: 43.735 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	739162
Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.1	48.1
105	18.5	0.0	38.1
51	32.5	12.9	52.9

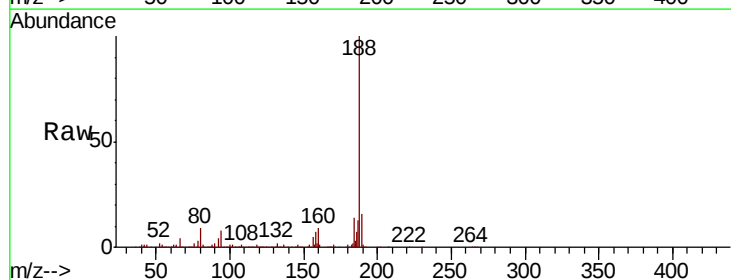


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

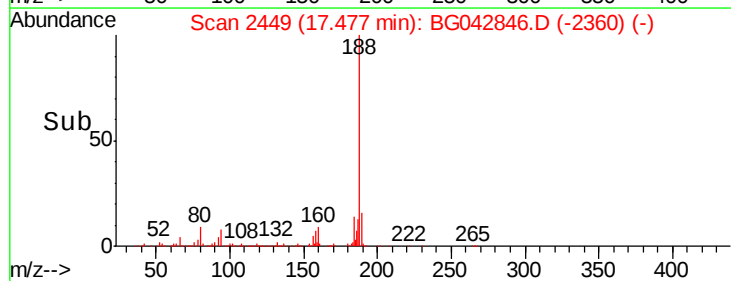
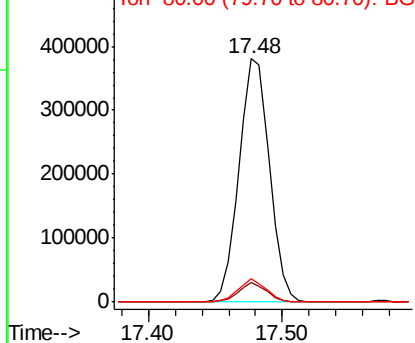


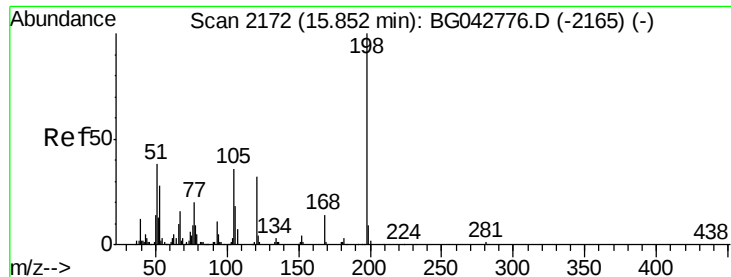
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:	188	Resp:	598789
Ion	Ratio	Lower	Upper
188	100		
94	8.0	4.8	7.2#
80	9.4	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: 55.408 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

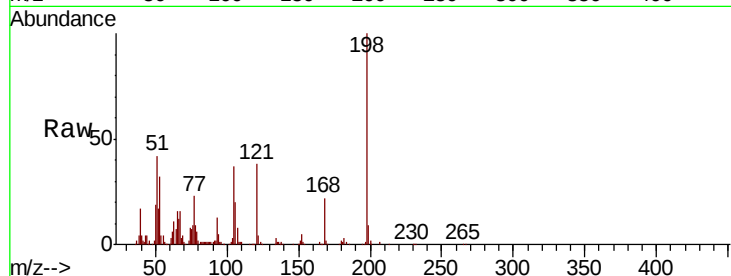
Tot Ion:198 Resp: 141961

Ion Ratio Lower Upper

198 100

51 42.5 20.9 60.9

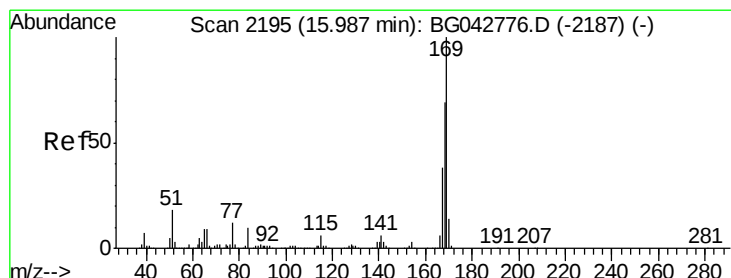
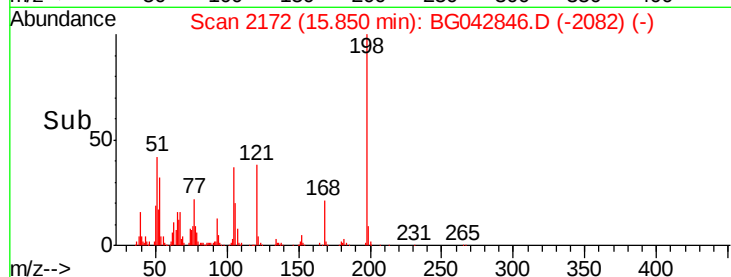
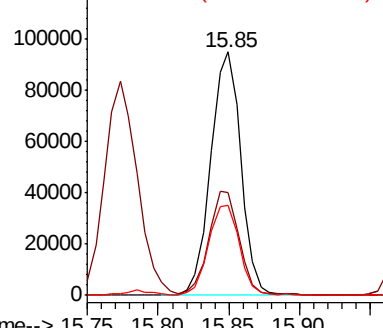
105 36.7 16.4 56.4



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: 42.004 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

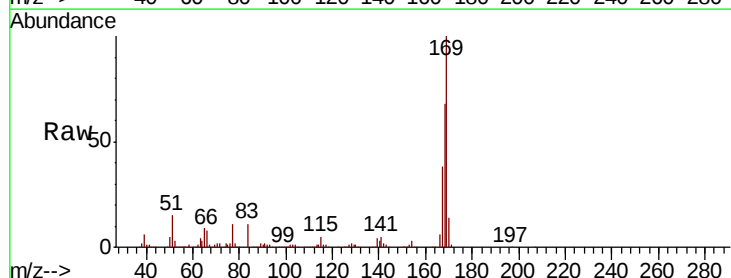
Tgt Ion:169 Resp: 676804

Ion Ratio Lower Upper

169 100

168 68.3 55.4 83.2

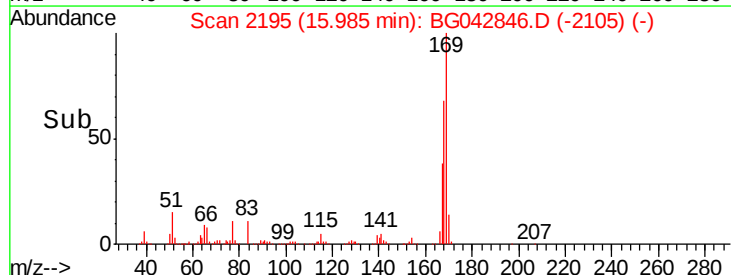
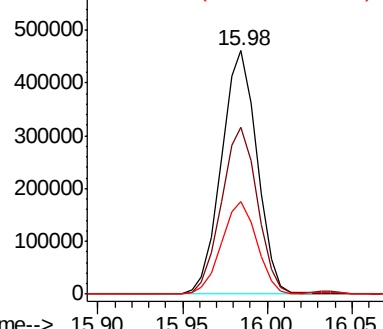
167 38.1 30.4 45.6

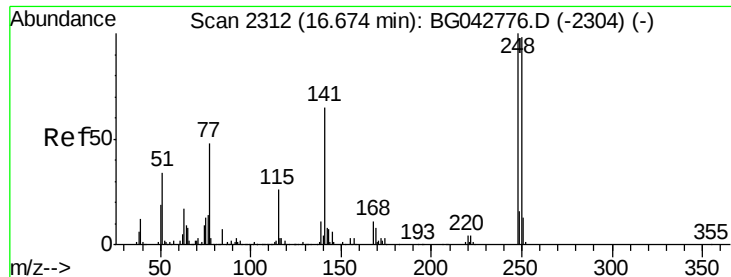


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

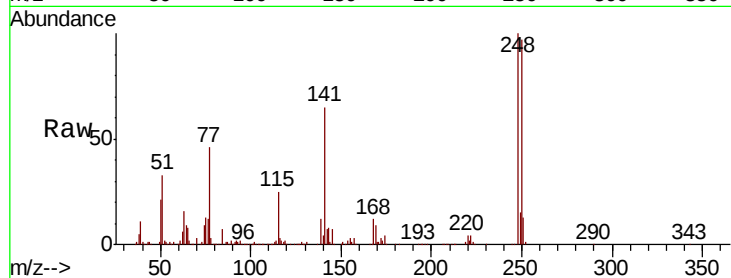




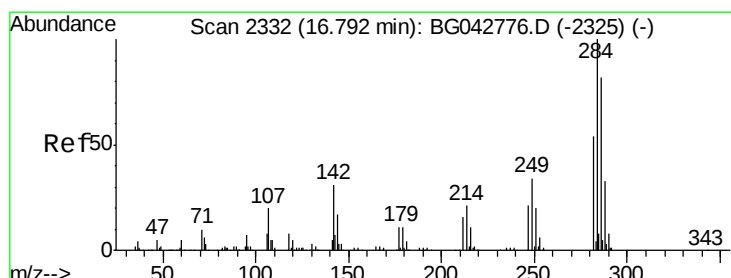
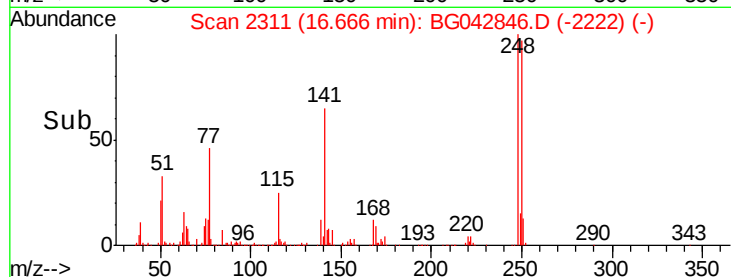
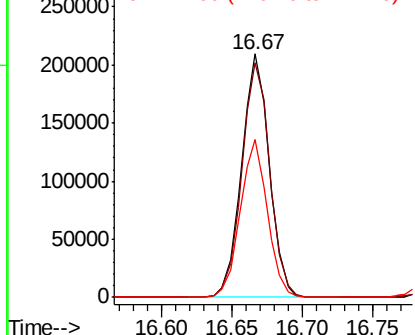
#67
4-Bromophenyl-phenylether
Concen: 39.347 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 285172
Ion Ratio Lower Upper
248 100
250 96.6 78.0 117.0
141 64.9 51.8 77.6

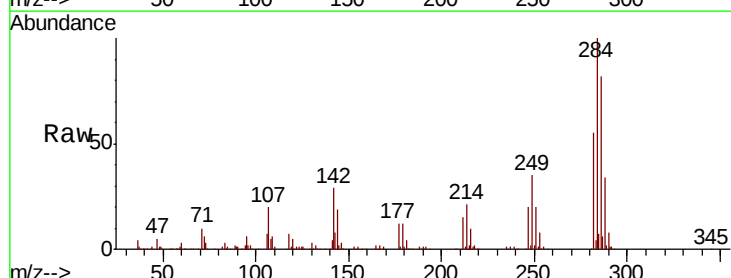


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

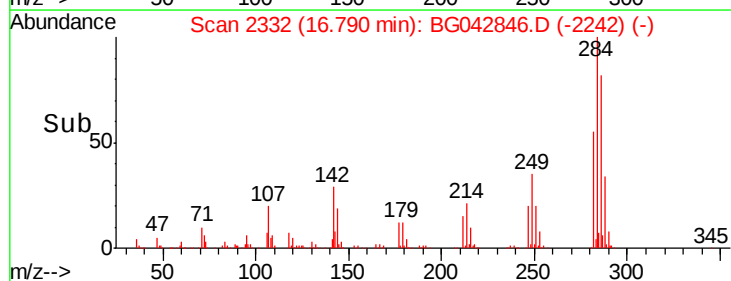
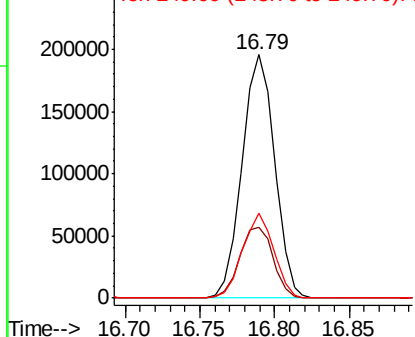


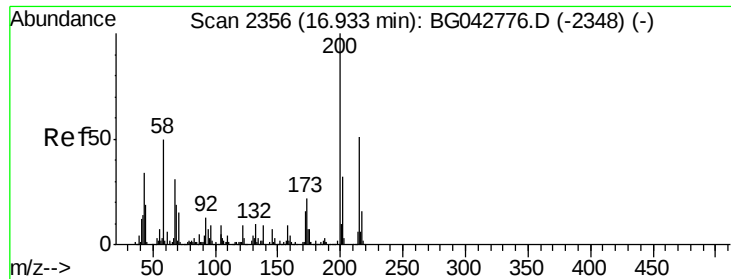
#68
Hexachlorobenzene
Concen: 38.272 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:284 Resp: 296388
Ion Ratio Lower Upper
284 100
142 29.2 24.7 37.1
249 34.6 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

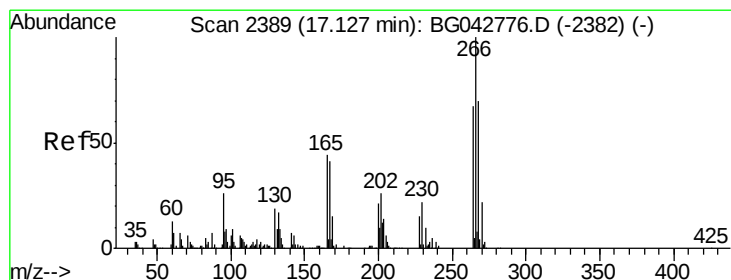
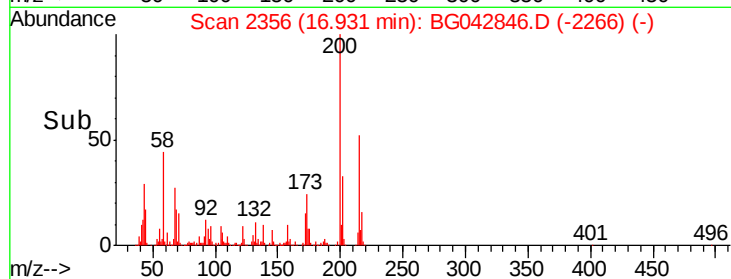
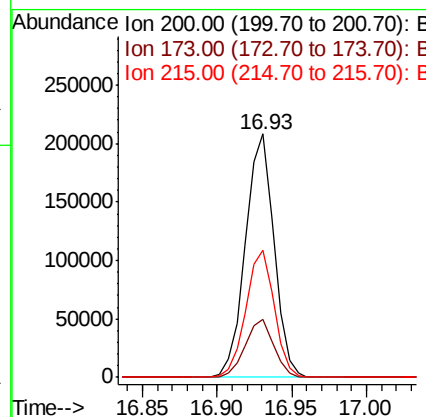
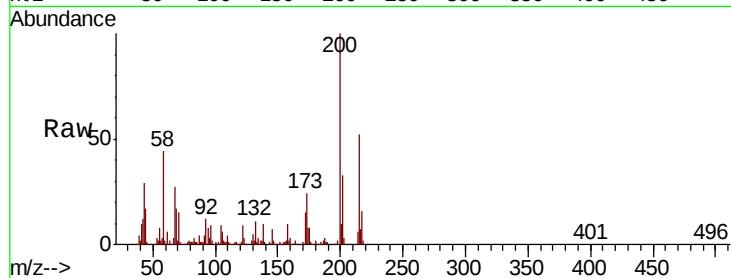




#69
Atrazine
Concen: 49.274 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

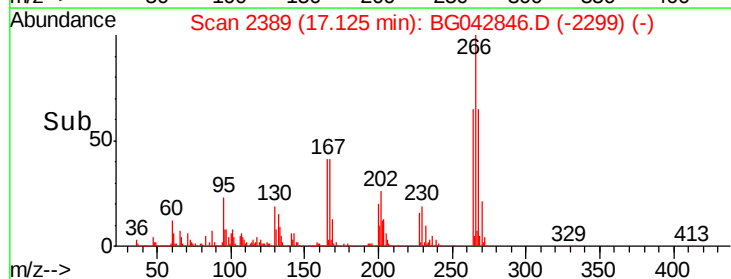
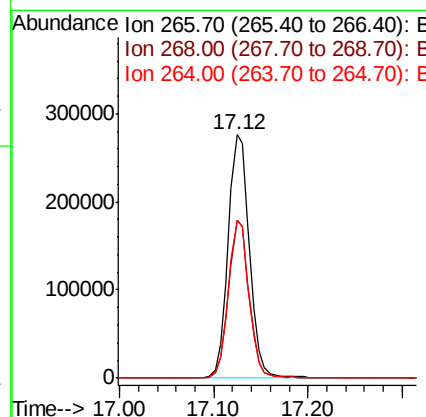
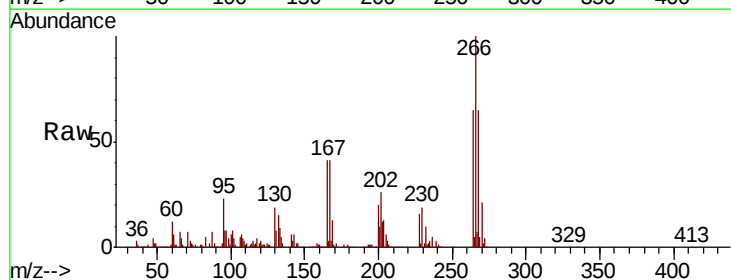
Instrument :
BNA_G
ClientSampleId :

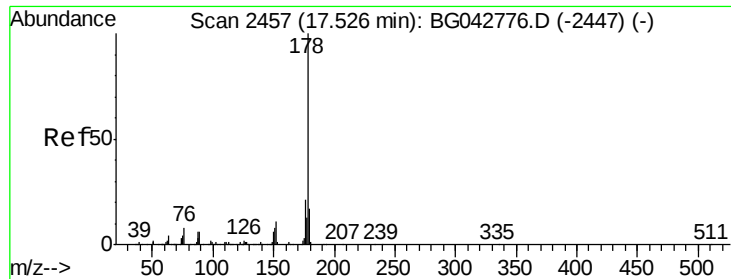
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	2.5	42.5
215	52.1	31.0	71.0



#70
Pentachlorophenol
Concen: 94.742 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	56.2	84.4
264	64.9	53.4	80.2





#71

Phenanthrene

Concen: 42.525 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

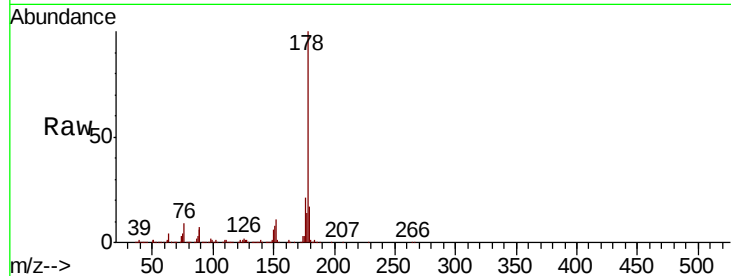
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1217760

Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.4
179	17.3	13.6	20.4

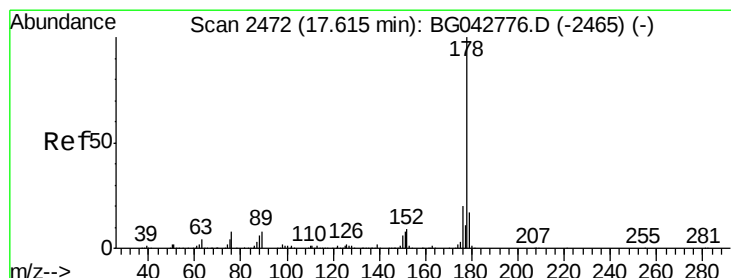
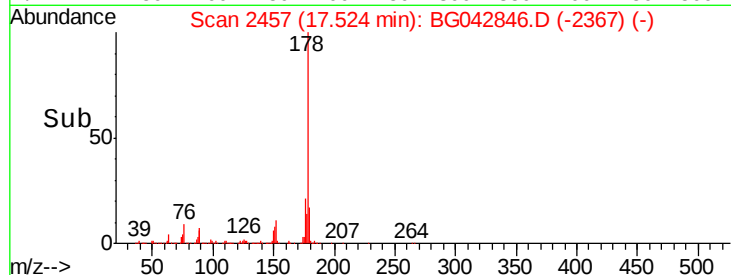
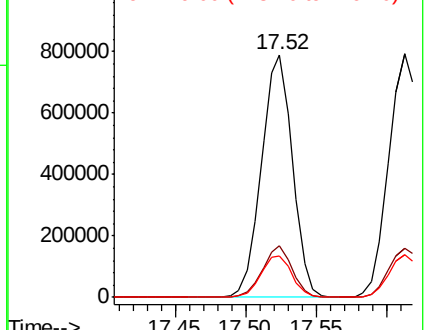


Abundance

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: 43.109 ng

RT: 17.61 min Scan# 2472

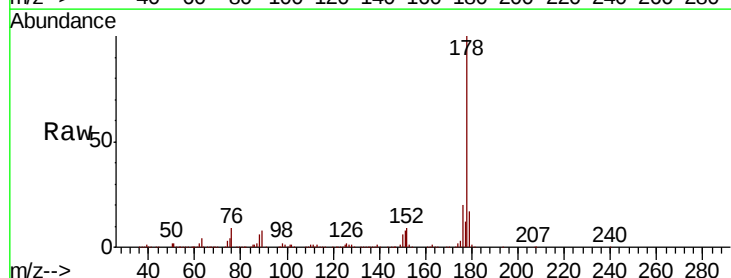
Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:178 Resp: 1233333

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	17.4	13.6	20.4

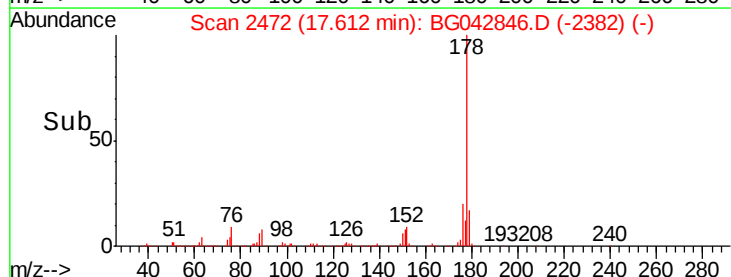
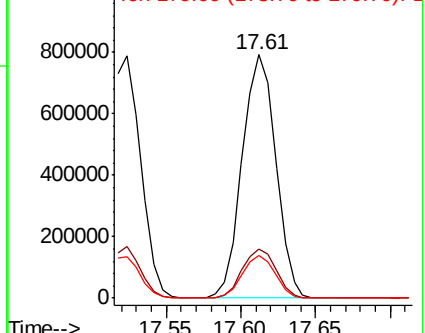


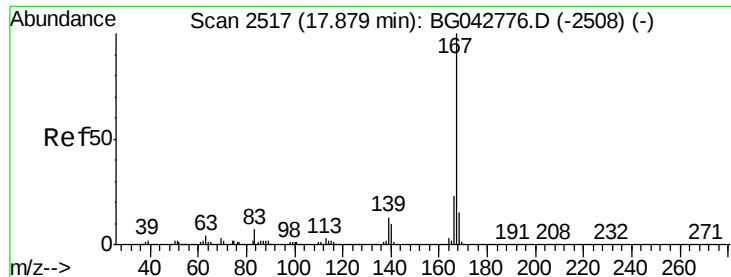
Abundance

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: 44.707 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

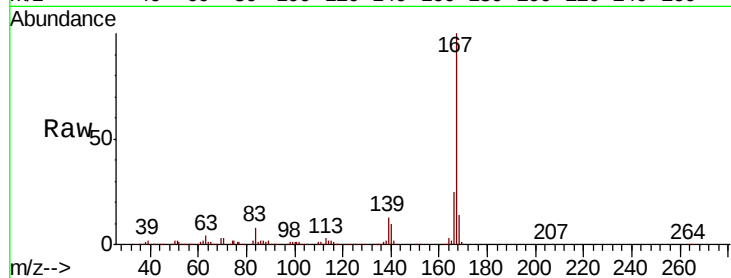
Tot Ion:167 Resp: 1215673

Ion Ratio Lower Upper

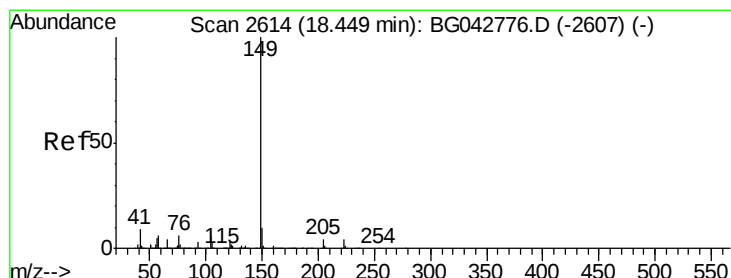
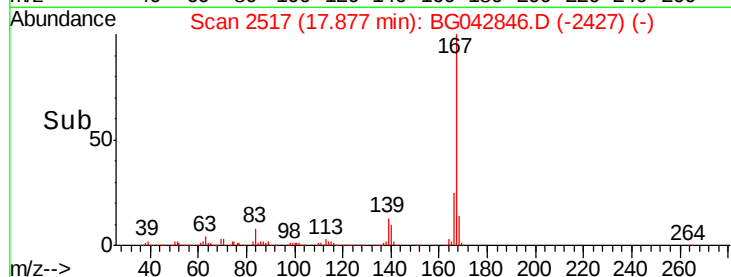
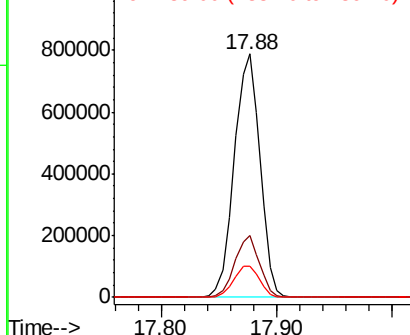
167 100

166 25.2 18.3 27.5

139 13.0 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.824 ng

RT: 18.44 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

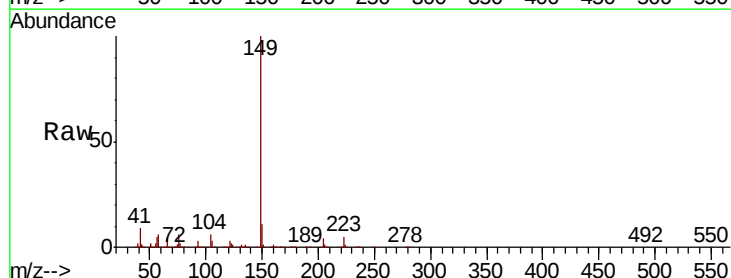
Tgt Ion:149 Resp: 1394906

Ion Ratio Lower Upper

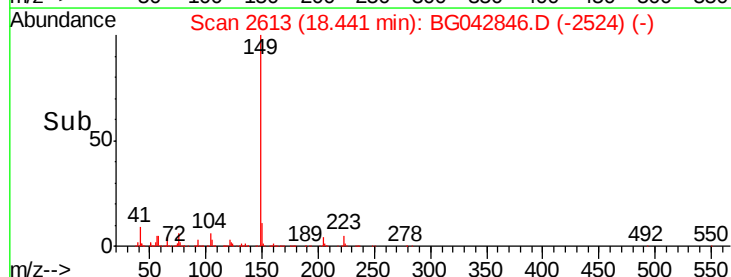
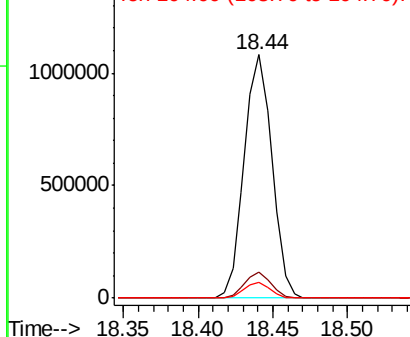
149 100

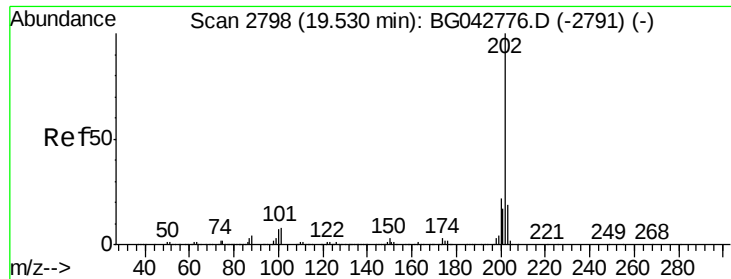
150 10.6 8.0 12.0

104 6.4 5.1 7.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.215 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

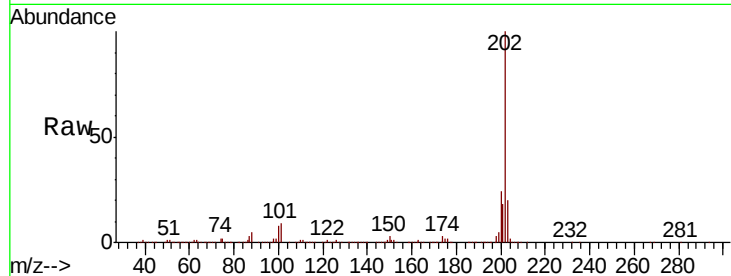
Tot Ion:202 Resp: 1640956

Ion Ratio Lower Upper

202 100

101 9.0 0.0 27.8

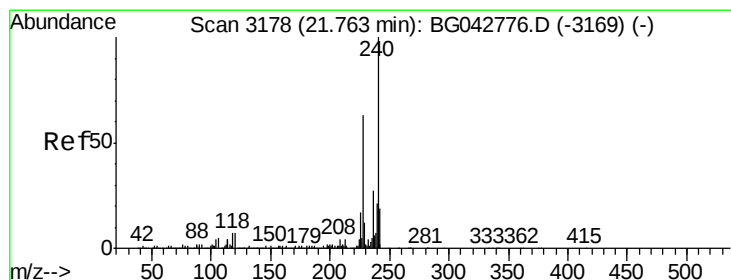
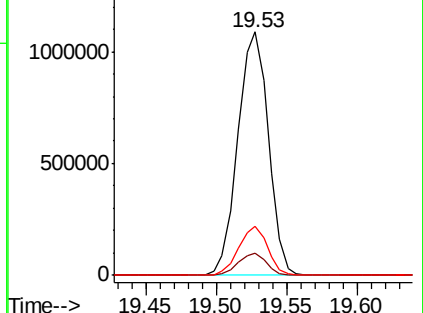
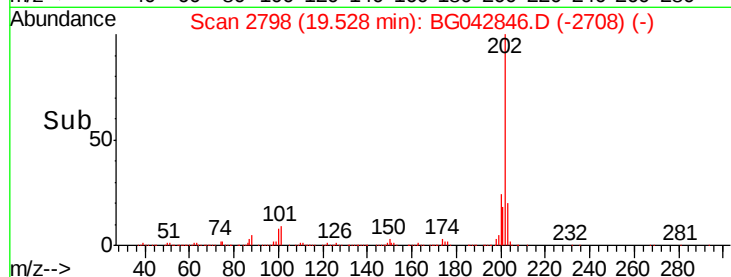
203 20.0 0.0 39.1



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: BG042846.D

Acq: 16 Sep 2019 12:46

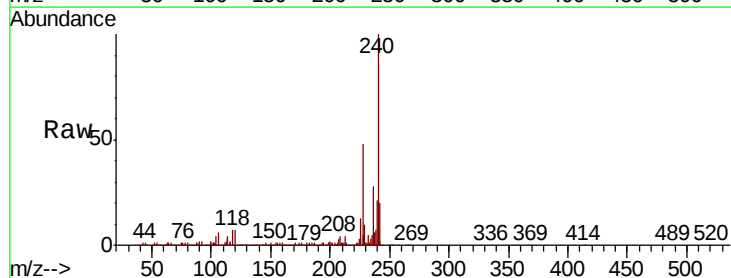
Tgt Ion:240 Resp: 617622

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.2

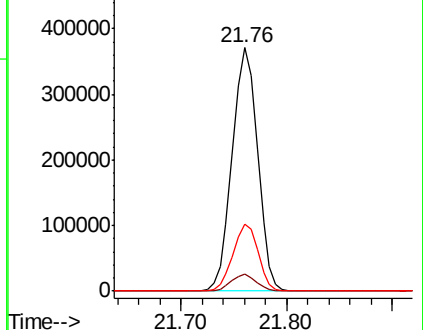
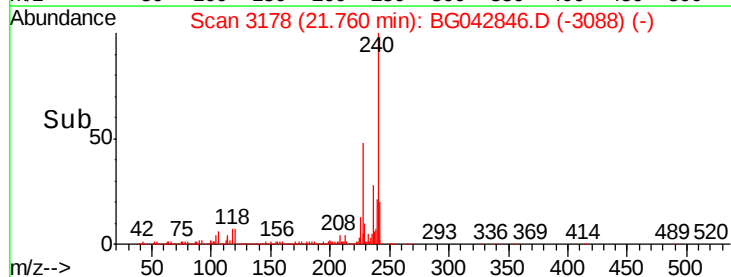
236 27.7 21.7 32.5

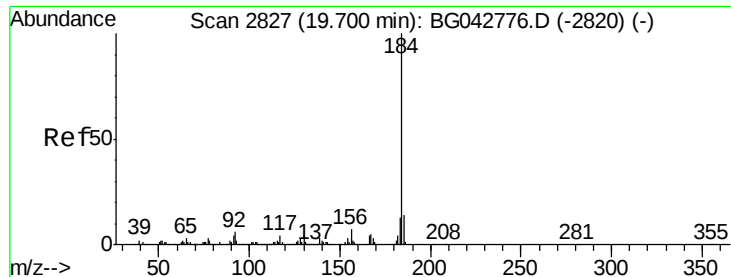


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.166 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

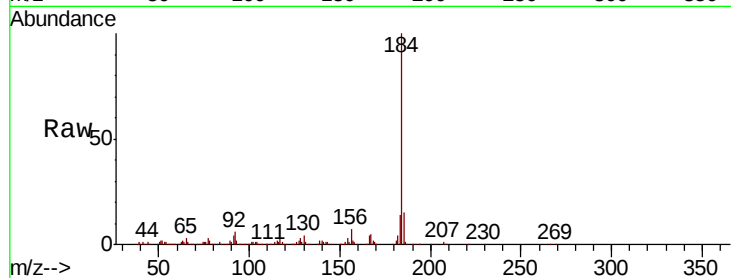
Tot Ion:184 Resp: 658577

Ion Ratio Lower Upper

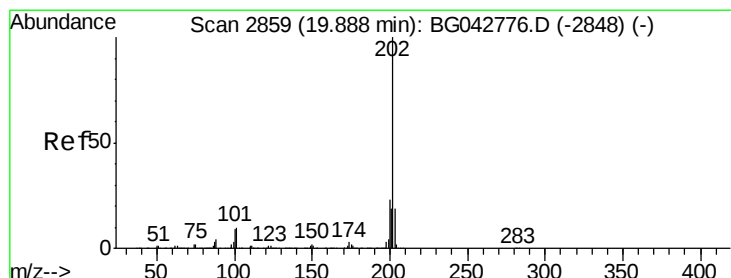
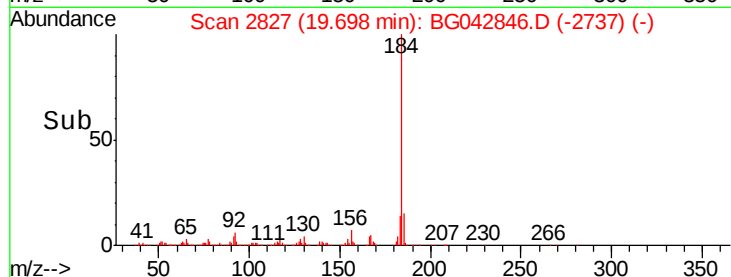
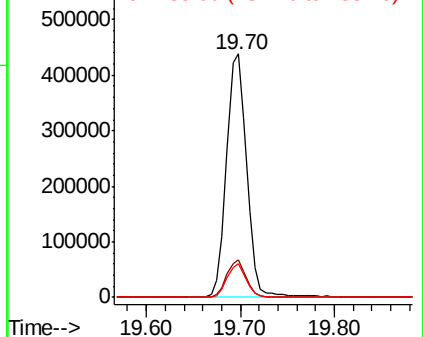
184 100

185 15.3 11.6 17.4

183 13.8 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: 42.624 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

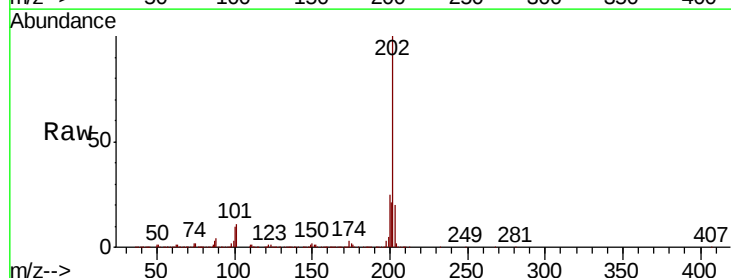
Tgt Ion:202 Resp: 1648139

Ion Ratio Lower Upper

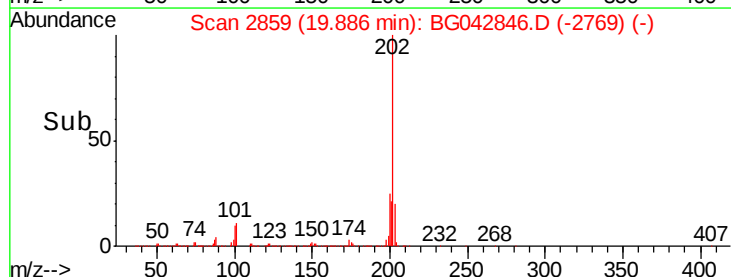
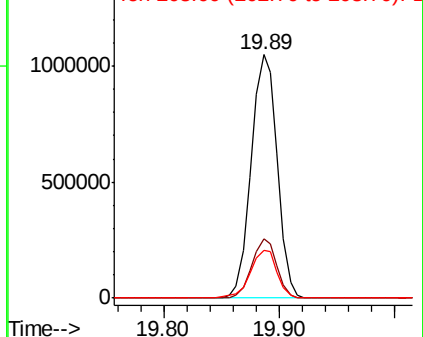
202 100

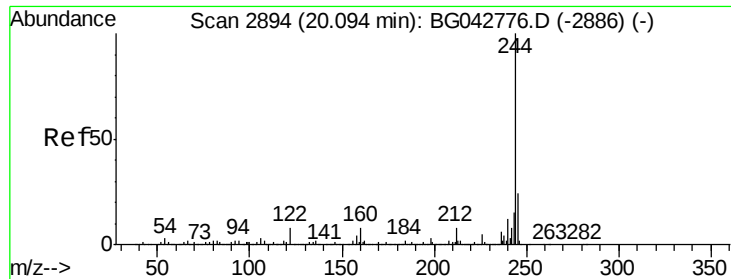
200 24.5 18.5 27.7

203 19.8 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: 72.709 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

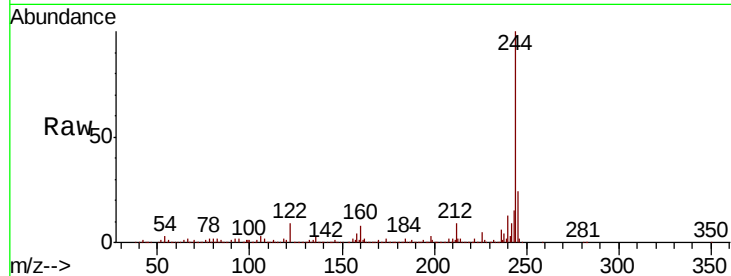
Tot Ion:244 Resp: 2026205

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

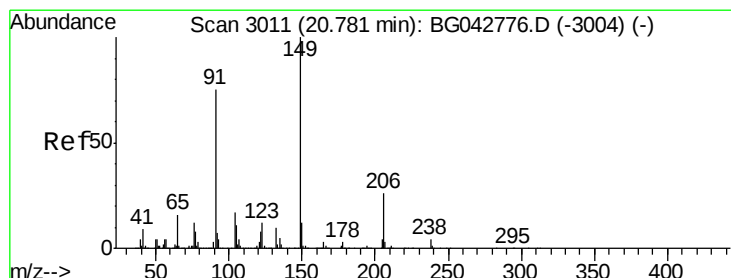
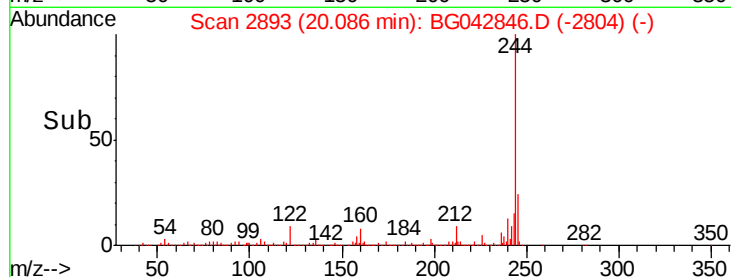
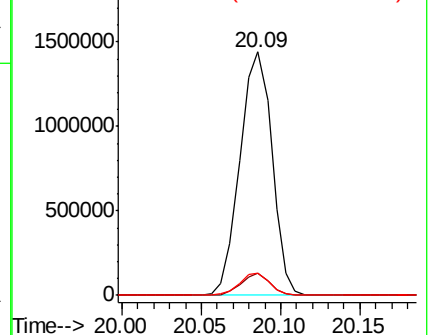
122 8.9 6.2 9.4



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: 42.012 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

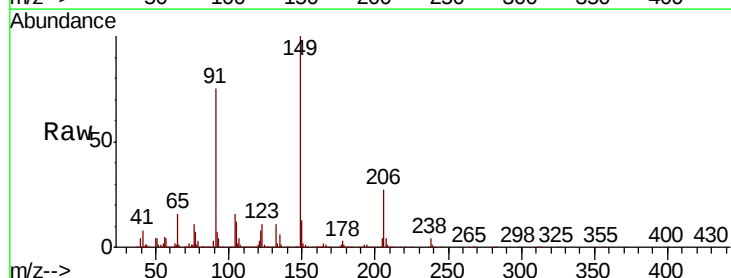
Tgt Ion:149 Resp: 657450

Ion Ratio Lower Upper

149 100

91 75.2 60.2 90.2

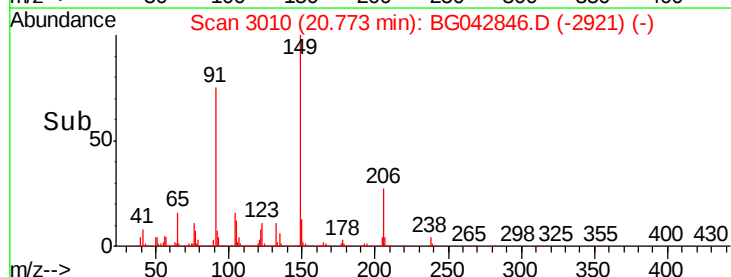
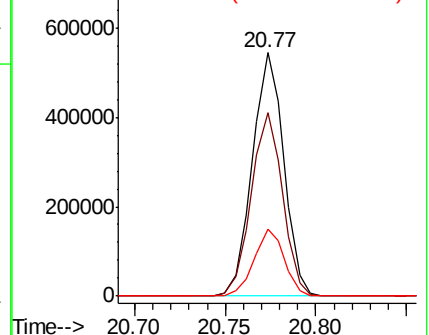
206 27.3 20.6 30.8

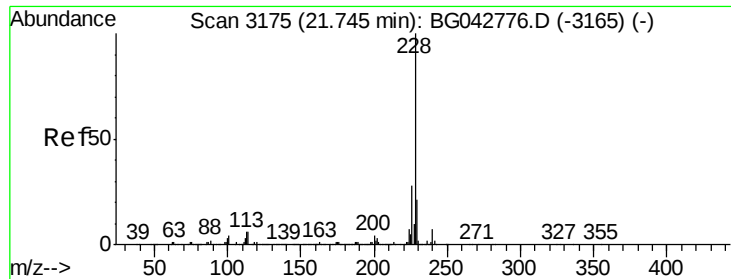


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

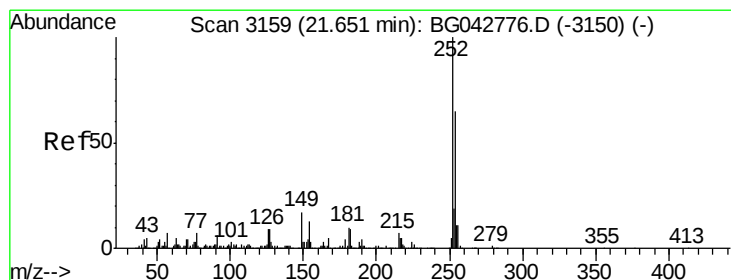
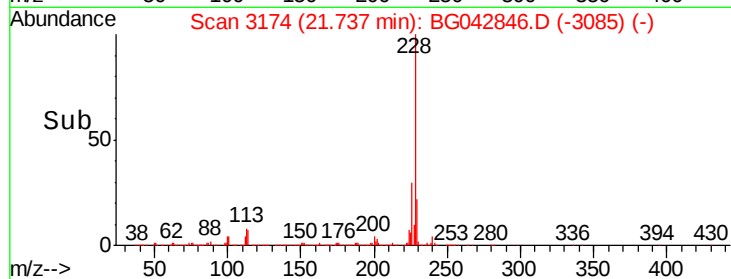
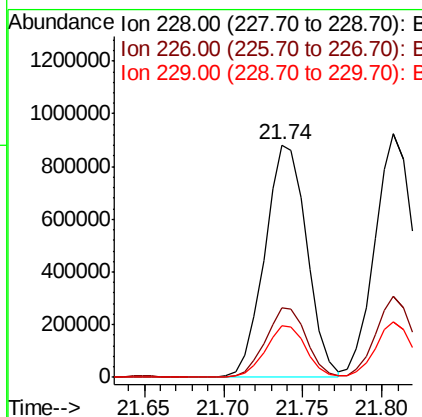
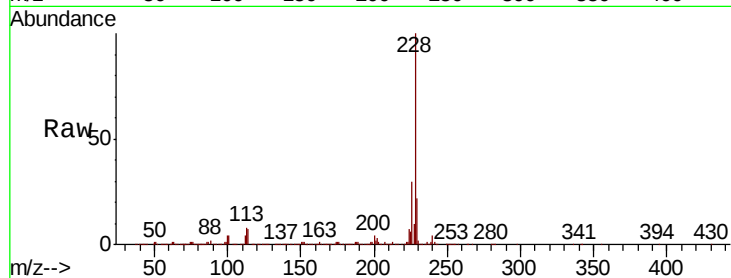




#81
Benzo(a)anthracene
Concen: 41.230 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

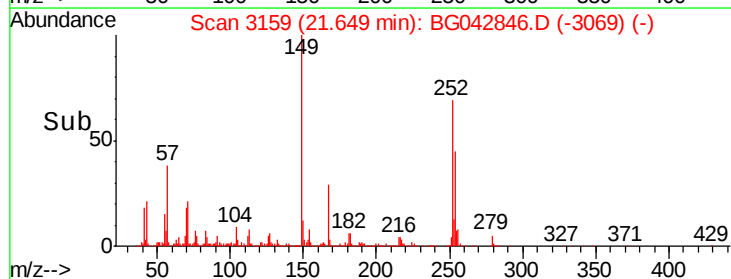
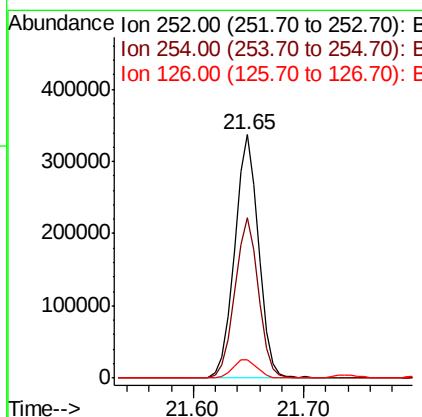
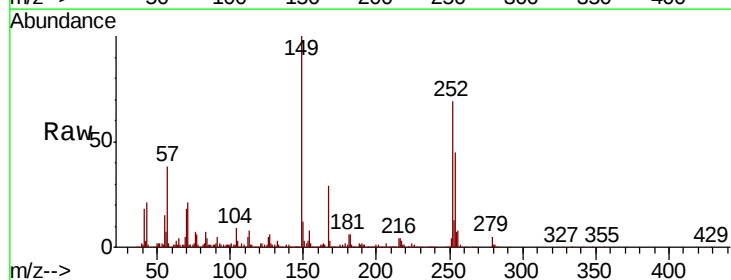
Instrument :
BNA_G
ClientSampleId :

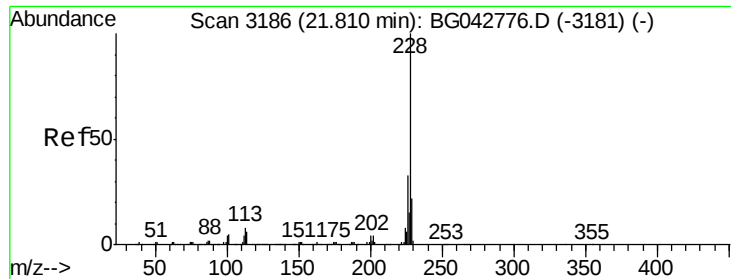
Tot Ion:228 Resp: 1619071
Ion Ratio Lower Upper
228 100
226 29.9 22.5 33.7
229 22.0 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 33.581 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:252 Resp: 512478
Ion Ratio Lower Upper
252 100
254 65.7 52.2 78.2
126 7.8 7.0 10.4





#83

Chrysene

Concen: 41.750 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

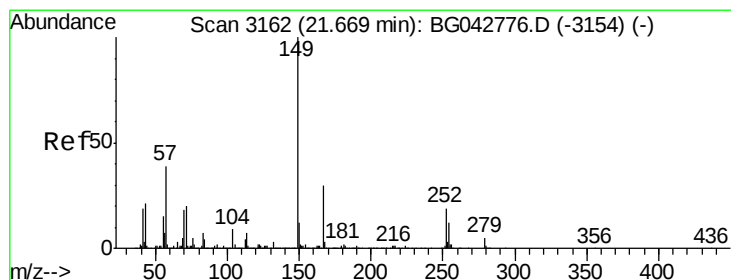
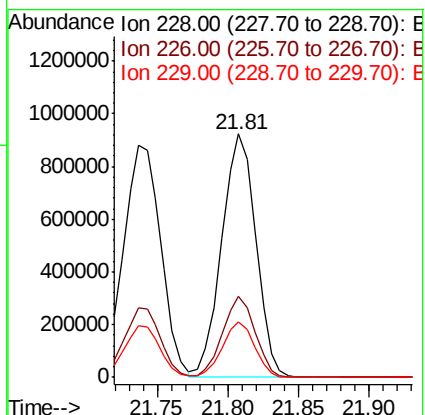
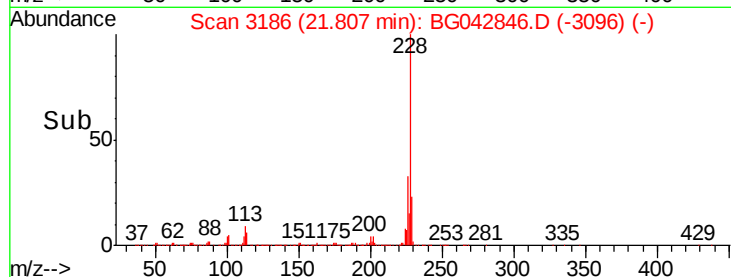
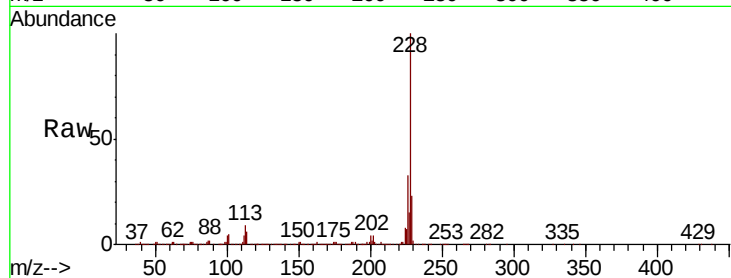
Tot Ion:228 Resp: 1552978

Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.0	39.0
229	22.5	17.1	25.7

228 100

226 33.4 26.0 39.0

229 22.5 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.936 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

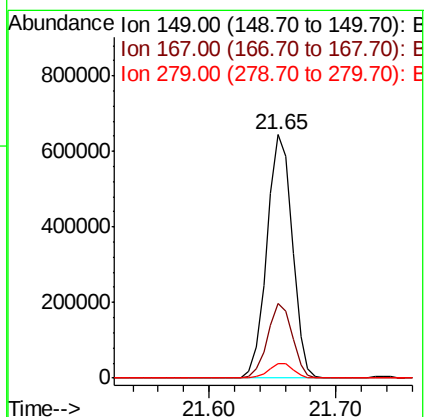
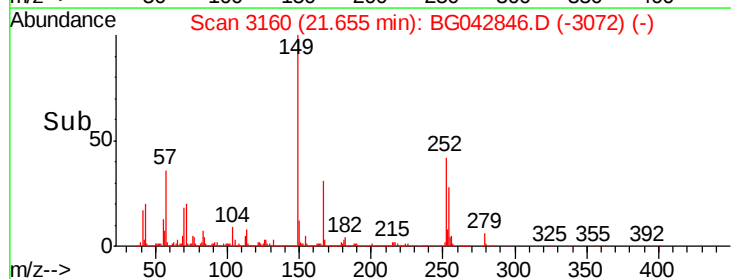
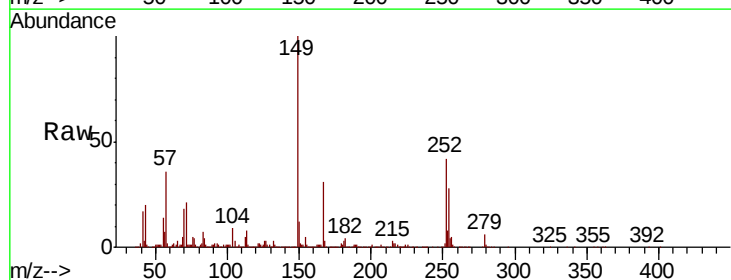
Tgt Ion:149 Resp: 896680

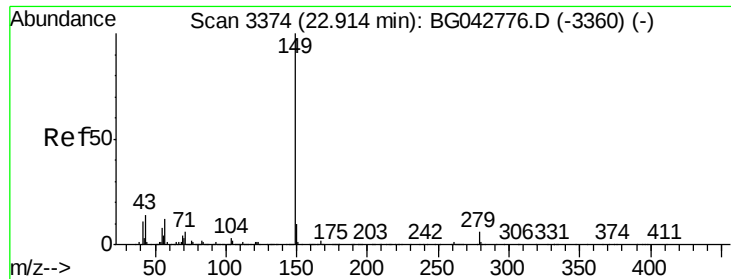
Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	6.0	4.2	6.4

149 100

167 30.6 24.3 36.5

279 6.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 41.942 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

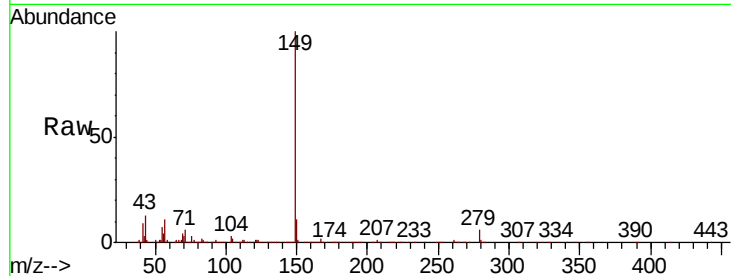
Tot Ion:149 Resp: 1528839

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

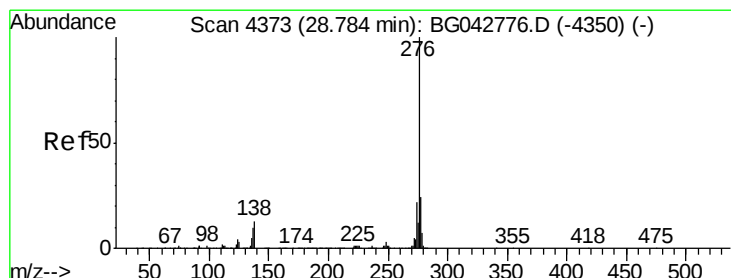
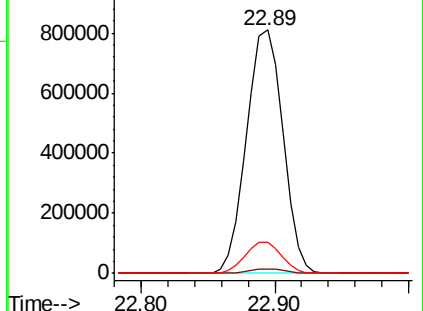
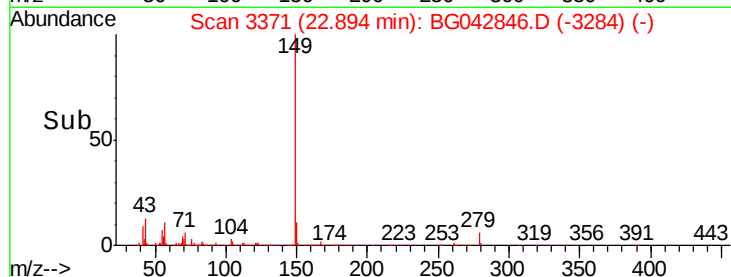
43 12.7 10.6 15.8



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: 41.100 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

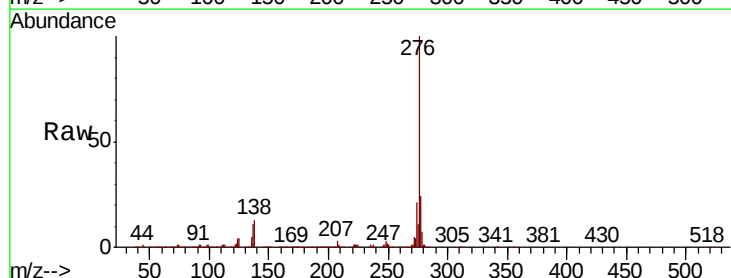
Tgt Ion:276 Resp: 1893202

Ion Ratio Lower Upper

276 100

138 12.7 9.3 13.9

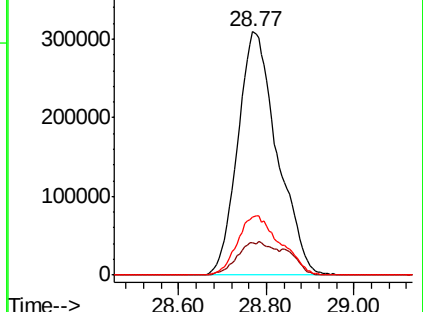
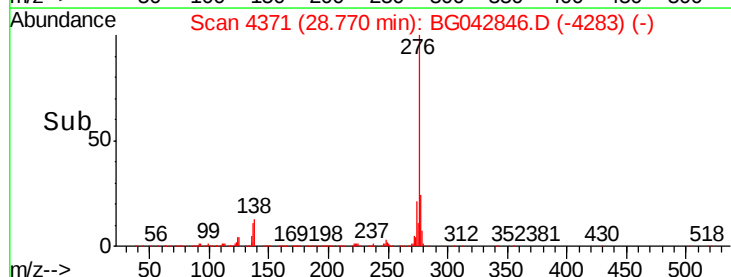
277 26.4 17.2 25.8#

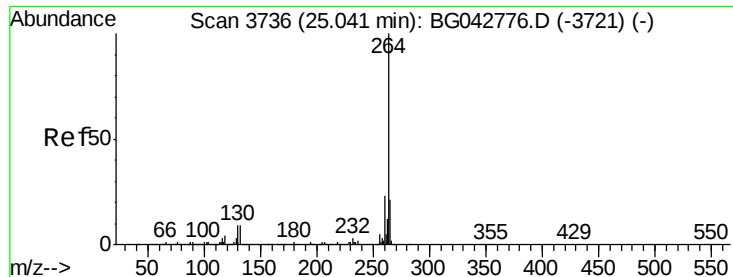


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



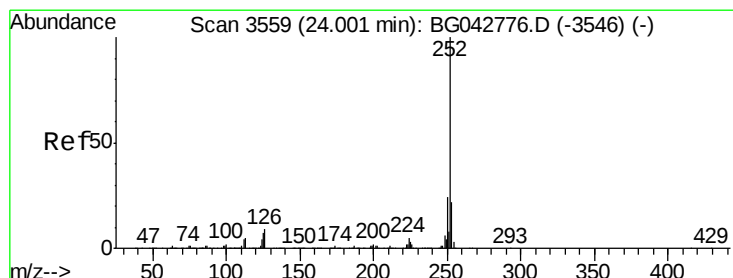
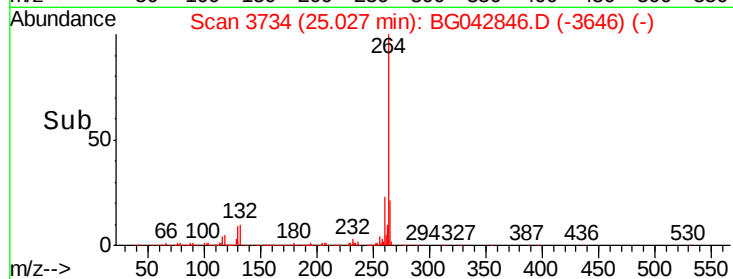
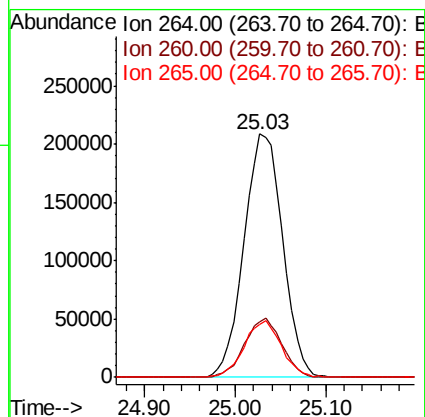
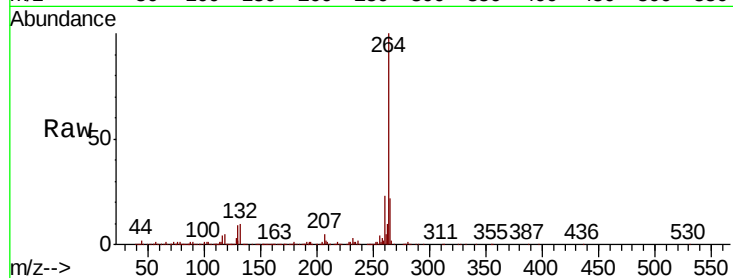


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 619684

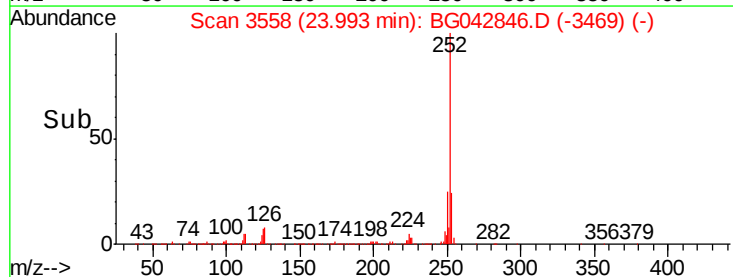
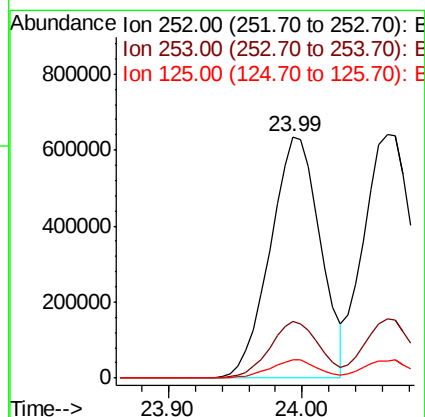
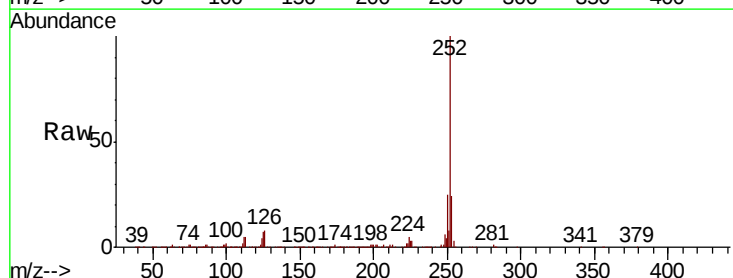
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.5	16.9	25.3

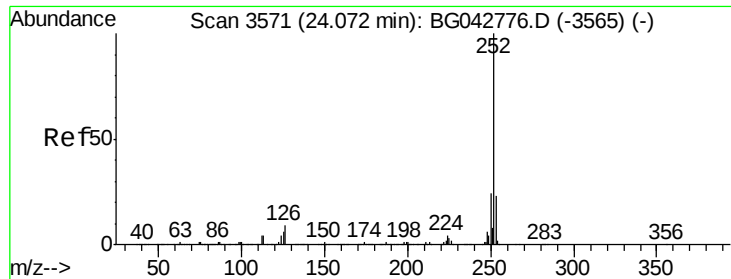


#88
Benzo(b)fluoranthene
Concen: 45.443 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion:252 Resp: 1653518

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	7.5	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 47.159 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

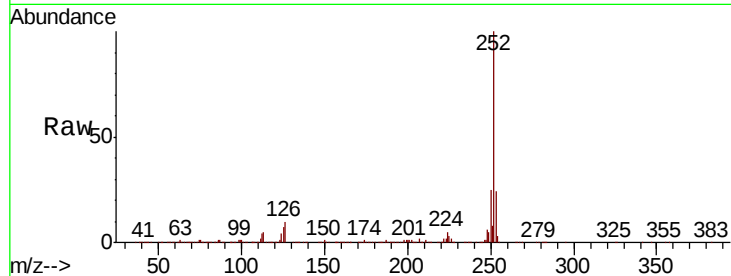
Tot Ion:252 Resp: 1620928

Ion Ratio Lower Upper

252 100

253 24.1 18.2 27.4

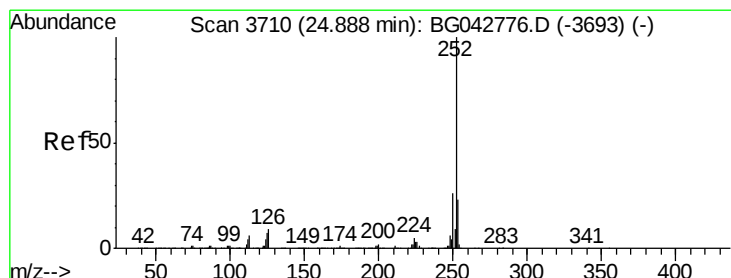
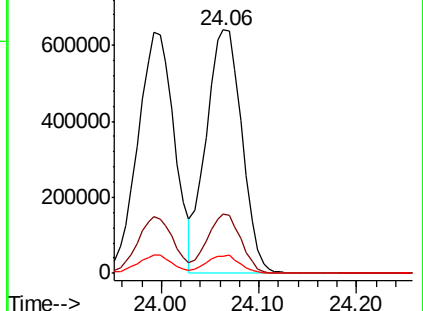
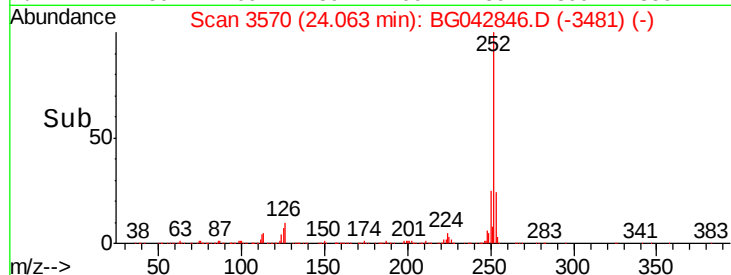
125 7.3 5.3 7.9



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: 47.564 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

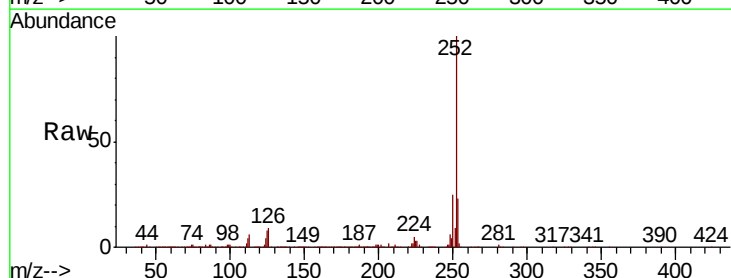
Tgt Ion:252 Resp: 1620566

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

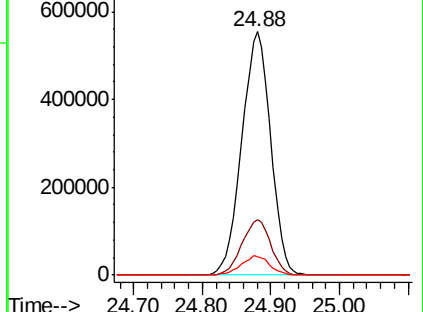
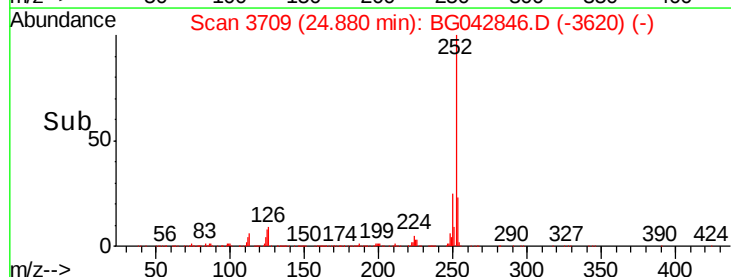
125 7.7 5.7 8.5

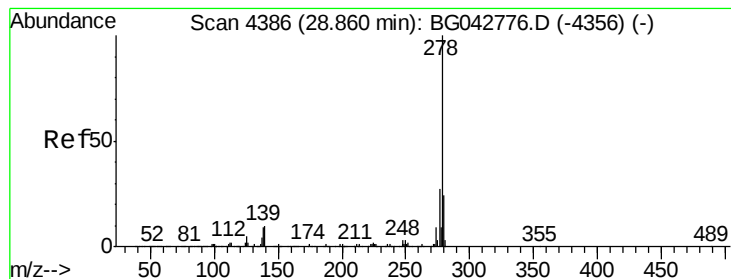


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.276 ng

RT: 28.85 min Scan# 4384

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

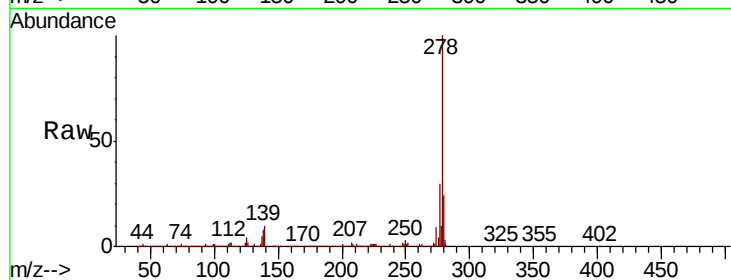
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1584220

Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.2	12.2
279	23.9	19.4	29.2

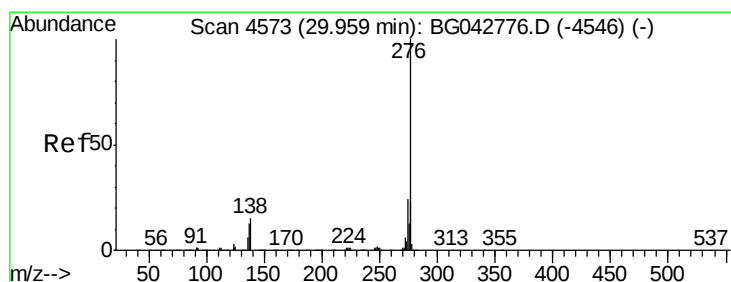
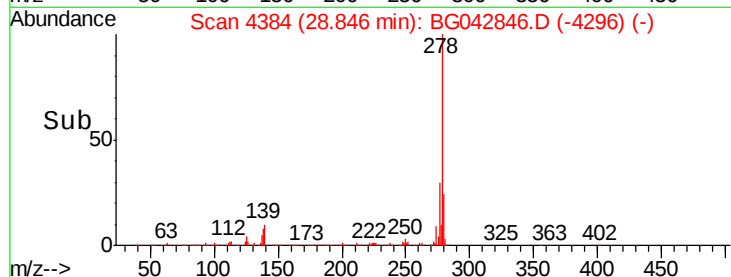
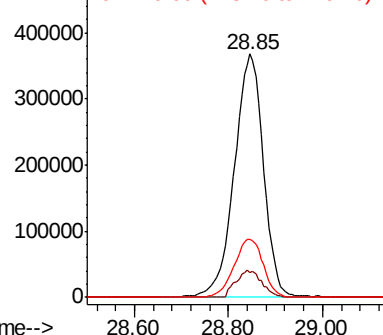


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.840 ng

RT: 29.94 min Scan# 4571

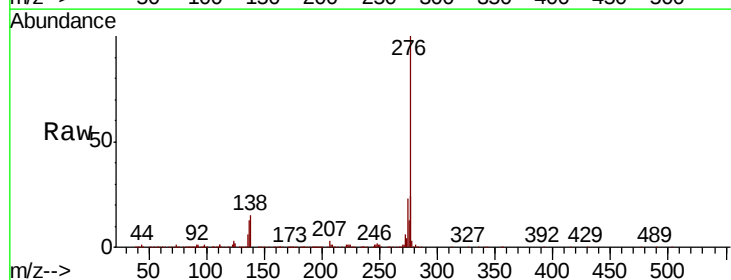
Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:276 Resp: 1563713

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	14.7	11.8	17.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

