

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042789.D
 Acq On : 12 Sep 2019 19:34
 Operator : HP/JU
 Sample : K4852-10MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:02:10 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	80710	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	312414	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	214597	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	495139	20.00	ng	0.00
76) Chrysene-d12	21.76	240	497211	20.00	ng	0.00
87) Perylene-d12	25.03	264	564177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	472071	101.69	ng	0.00
7) Phenol-d6	7.27	99	679419	101.96	ng	0.00
23) Nitrobenzene-d5	9.28	82	399996	66.66	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	275179	96.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	874047	64.47	ng	0.00
79) Terphenyl-d14	20.09	244	1499218	66.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	77412	36.538	ng	96
3) Pyridine	3.98	79	213085	33.404	ng	97
4) n-Nitrosodimethylamine	3.89	42	140217	45.173	ng	95
6) Aniline	7.44	93	351001	39.043	ng	99
8) 2-Chlorophenol	7.68	128	239982	47.823	ng	96
9) Benzaldehyde	7.25	77	173115	39.924	ng	98
10) Phenol	7.30	94	340887	49.885	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	228021	43.478	ng	91
12) 1,3-Dichlorobenzene	8.01	146	256016	41.828	ng	96
13) 1,4-Dichlorobenzene	8.16	146	256257	41.819	ng	99
14) 1,2-Dichlorobenzene	8.48	146	240306	41.197	ng	98
15) Benzyl Alcohol	8.35	79	264231	46.207	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	500648	43.471	ng	98
17) 2-Methylphenol	8.55	107	216852	47.433	ng	97
18) Hexachloroethane	9.21	117	93926	41.518	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	212432	43.265	ng	98
20) 3+4-Methylphenols	8.88	107	292569	46.425	ng	99
22) Acetophenone	8.94	105	369034	46.772	ng	98
24) Nitrobenzene	9.32	77	299970	47.624	ng	99
25) Isophorone	9.85	82	582437	46.565	ng	97
26) 2-Nitrophenol	10.03	139	122806	49.582	ng	94
27) 2,4-Dimethylphenol	10.09	122	241920	55.217	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	319439	45.795	ng	99
29) 2,4-Dichlorophenol	10.57	162	250308	49.164	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	271595	43.693	ng	96
31) Naphthalene	10.98	128	717180	46.495	ng	99
32) Benzoic acid	10.22	122	169655	47.891	ng	91
33) 4-Chloroaniline	11.07	127	211160	29.289	ng	96
34) Hexachlorobutadiene	11.27	225	187339	43.015	ng	96
35) Caprolactam	11.84	113	47398	25.035	ng	99
36) 4-Chloro-3-methylphenol	12.19	107	277245	50.153	ng	96
37) 2-Methylnaphthalene	12.58	142	539450	46.687	ng	99
38) 1-Methylnaphthalene	12.79	142	500256	46.161	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	332679	46.914	ng	99

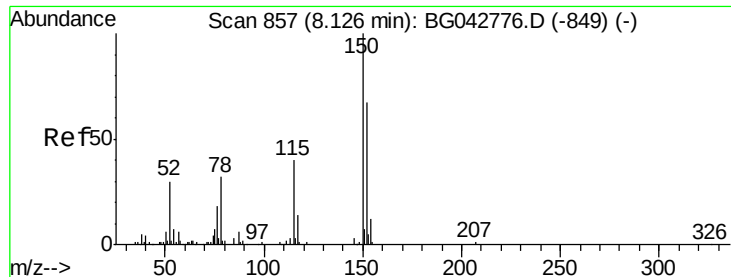
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042789.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	409988	100.923	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	224377	47.527	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	248062	51.298	ng	98
46) 1,1'-Biphenyl	13.58	154	719191	47.872	ng	98
47) 2-Chloronaphthalene	13.62	162	562046	45.226	ng	99
48) 2-Nitroaniline	13.81	65	203593	47.225	ng	98
49) Acenaphthylene	14.46	152	908426	47.834	ng	97
50) Dimethylphthalate	14.19	163	816327	50.779	ng	98
51) 2,6-Dinitrotoluene	14.30	165	166159	50.372	ng	97
52) Acenaphthene	14.80	154	622259	50.154	ng	100
53) 3-Nitroaniline	14.63	138	130704	35.305	ng	97
54) 2,4-Dinitrophenol	14.83	184	157498	96.989	ng	# 73
55) Dibenzofuran	15.14	168	879446	47.688	ng	99
56) 4-Nitrophenol	14.93	139	286394	100.052	ng	97
57) 2,4-Dinitrotoluene	15.09	165	216975	49.348	ng	# 95
58) Fluorene	15.79	166	718679	47.022	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	237607	50.688	ng	99
60) Diethylphthalate	15.56	149	740651	45.387	ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	410455	45.421	ng	97
62) 4-Nitroaniline	15.79	138	181338	45.442	ng	95
63) Azobenzene	16.07	77	746273	47.491	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	118280	55.829	ng	94
66) n-Nitrosodiphenylamine	15.99	169	654255	49.104	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	275680	46.000	ng	98
68) Hexachlorobenzene	16.79	284	287218	44.852	ng	97
69) Atrazine	16.93	200	254118	54.769	ng	98
70) Pentachlorophenol	17.13	266	400032	105.303	ng	94
71) Phenanthrene	17.52	178	1144501	48.333	ng	98
72) Anthracene	17.62	178	1171730	49.530	ng	99
73) Carbazole	17.88	167	1100559	48.946	ng	96
74) Di-n-butylphthalate	18.45	149	1262665	46.878	ng	98
75) Fluoranthene	19.53	202	1518227	49.471	ng	99
77) Benzidine	19.70	184	802405	57.762	ng	98
78) Pyrene	19.89	202	1514702	48.659	ng	99
80) Butylbenzylphthalate	20.78	149	596263	47.330	ng	99
81) Benzo(a)anthracene	21.74	228	1489261	47.108	ng	96
82) 3,3'-Dichlorobenzidine	21.65	252	422459	34.387	ng	100
83) Chrysene	21.81	228	1419777	47.413	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	824412	47.893	ng	99
85) Di-n-octyl phthalate	22.91	149	1424633	48.548	ng	100
86) Indeno(1,2,3-cd)pyrene	28.78	276	1822817	49.155	ng	# 93
88) Benzo(b)fluoranthene	24.00	252	1588885	47.963	ng	96
89) Benzo(k)fluoranthene	24.07	252	1514692	48.404	ng	99
90) Benzo(a)pyrene	24.89	252	1548483	49.920	ng	99
91) Dibenzo(a,h)anthracene	28.85	278	1496768	49.060	ng	98
92) Benzo(g,h,i)perylene	29.96	276	1491540	50.122	ng	98

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

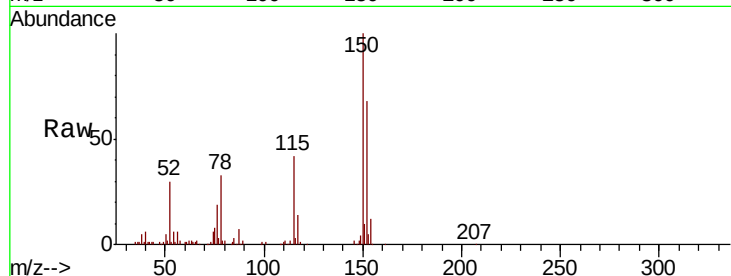


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	118.9	178.3
115	60.7	47.4	71.2

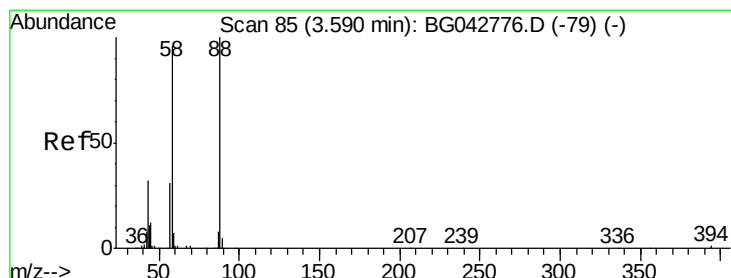
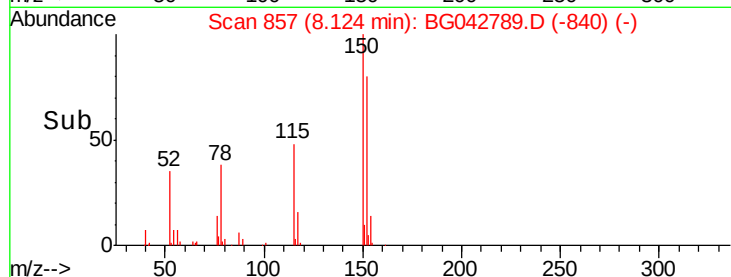
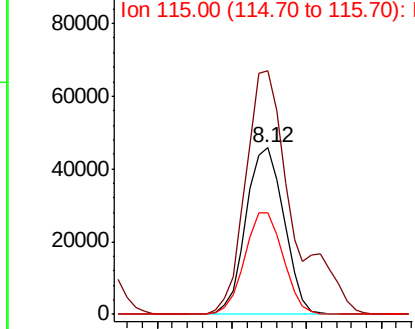


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

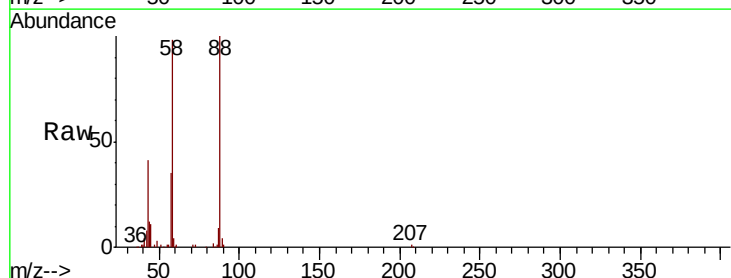
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.538 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.0	79.1	118.7
43	42.5	30.4	45.6

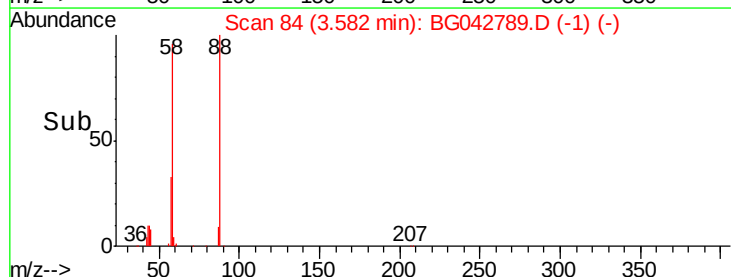
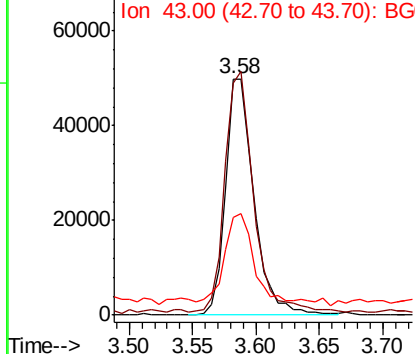


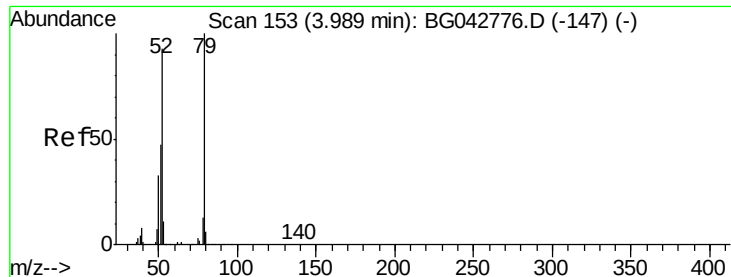
Abundance

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: 33.404 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

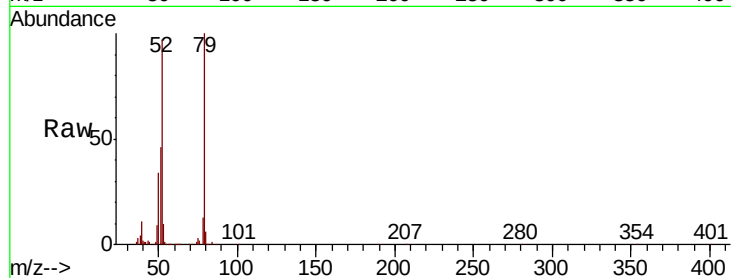
Tot Ion: 79 Resp: 213085

Ion Ratio Lower Upper

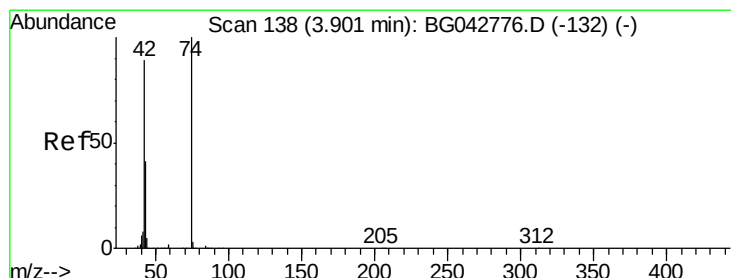
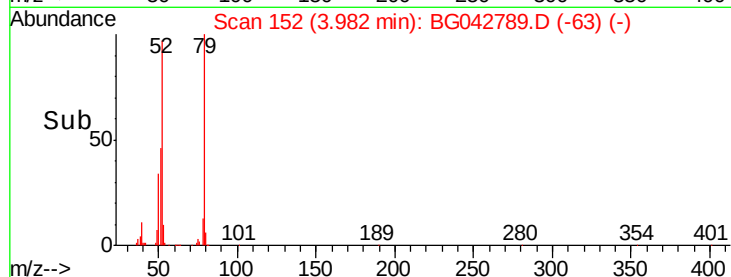
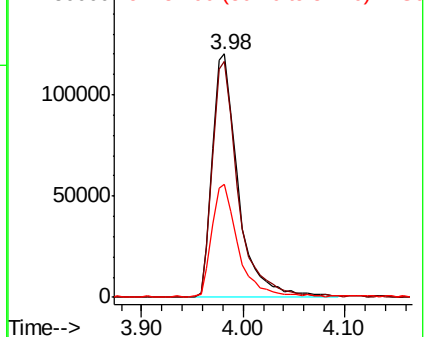
79 100

52 97.1 74.0 111.0

51 46.5 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: 45.173 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

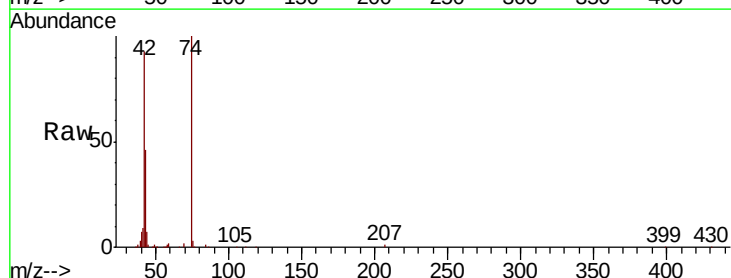
Tgt Ion: 42 Resp: 140217

Ion Ratio Lower Upper

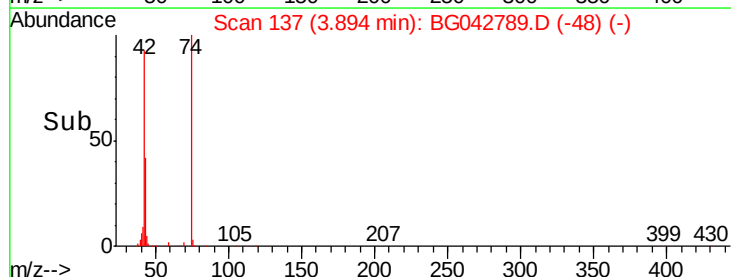
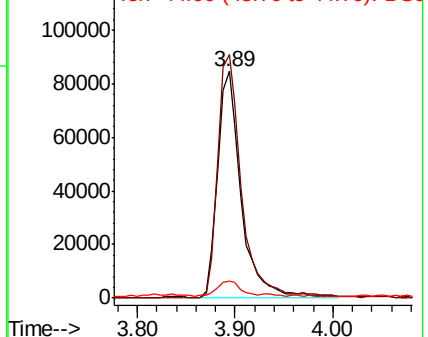
42 100

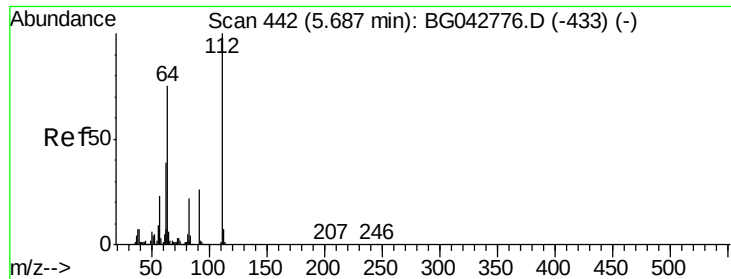
74 107.4 90.2 135.2

44 7.5 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: 101.687 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

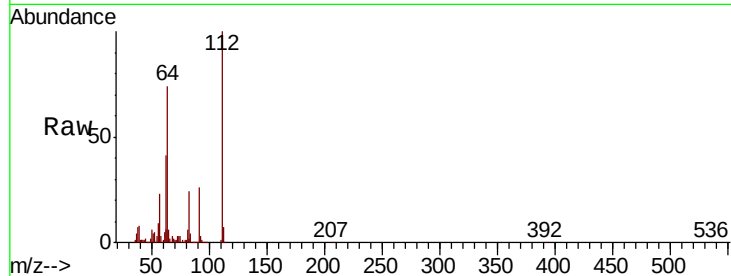
Tot Ion:112 Resp: 472071

Ion Ratio Lower Upper

112 100

64 73.7 60.2 90.2

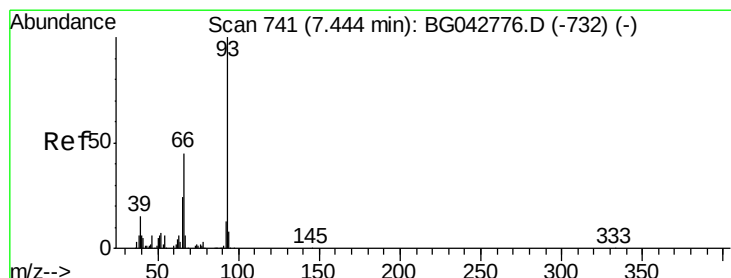
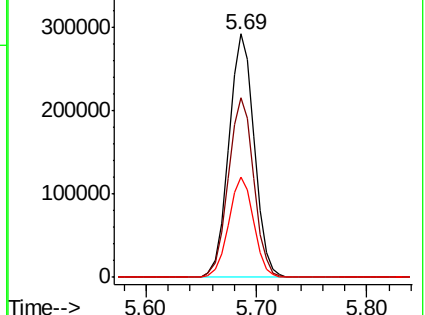
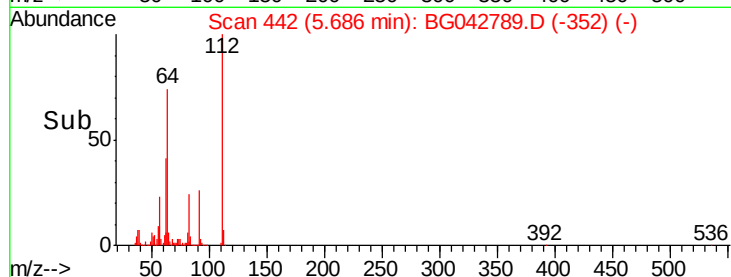
63 41.2 31.2 46.8



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: 39.043 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

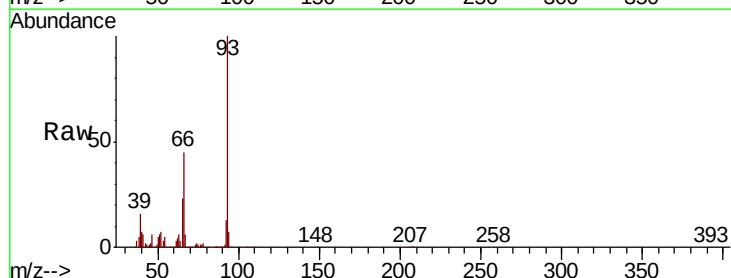
Tgt Ion: 93 Resp: 351001

Ion Ratio Lower Upper

93 100

66 45.3 36.3 54.5

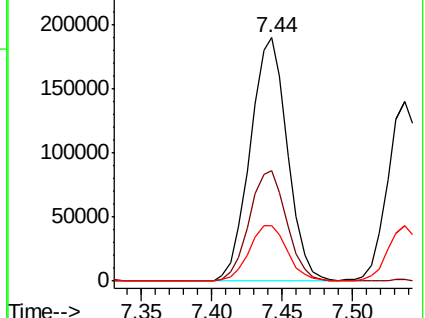
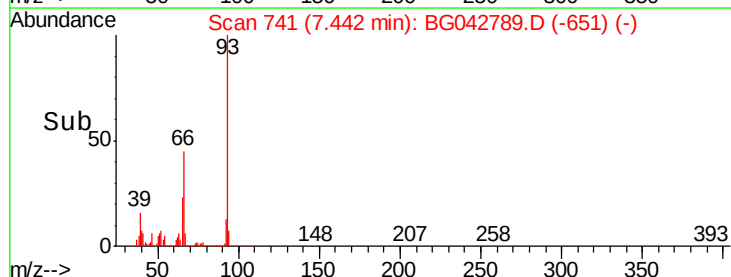
65 22.7 19.3 28.9

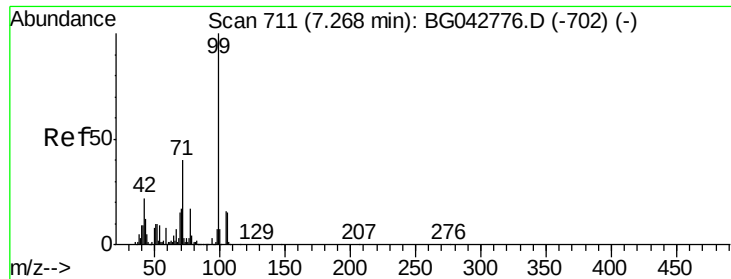


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.963 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

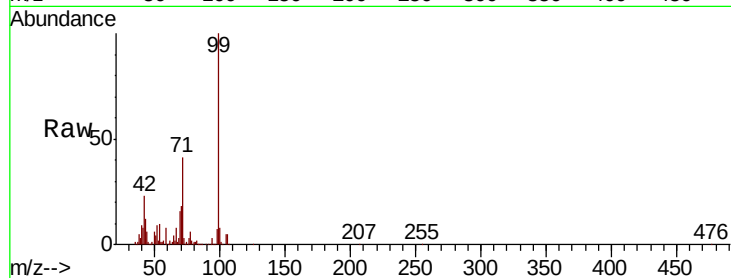
Tot Ion: 99 Resp: 679419

Ion Ratio Lower Upper

99 100

42 23.1 17.5 26.3

71 41.0 32.0 48.0

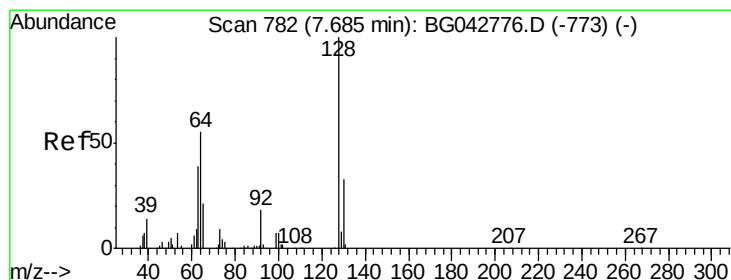
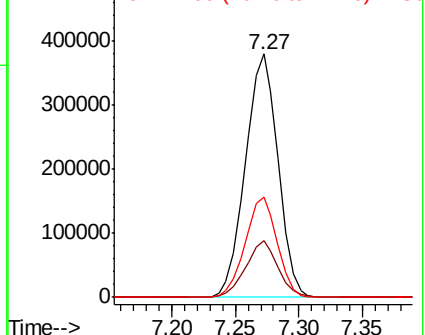
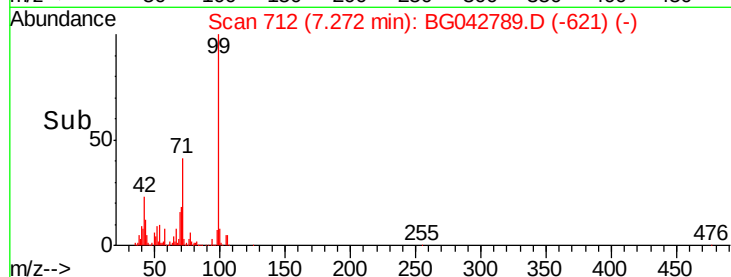


Abundance

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: 47.823 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

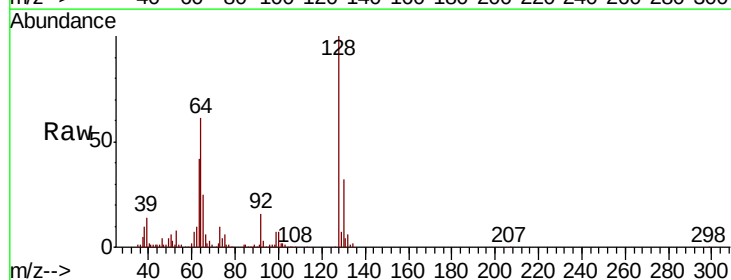
Tgt Ion: 128 Resp: 239982

Ion Ratio Lower Upper

128 100

130 31.6 12.8 52.8

64 60.8 36.8 76.8

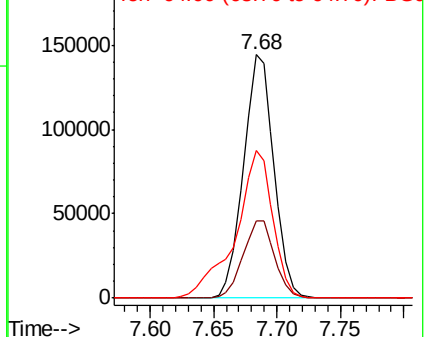
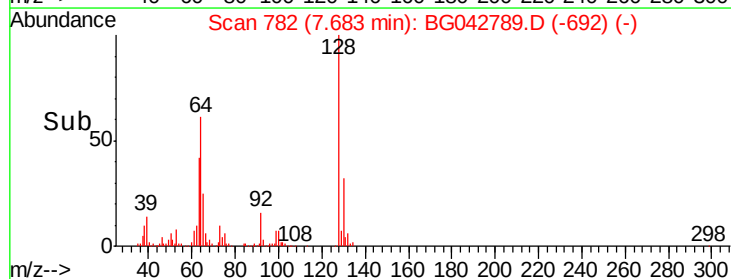


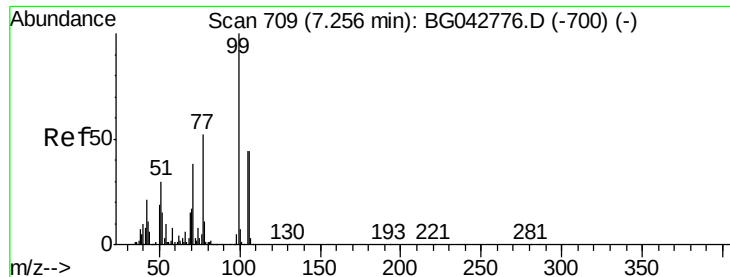
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.924 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

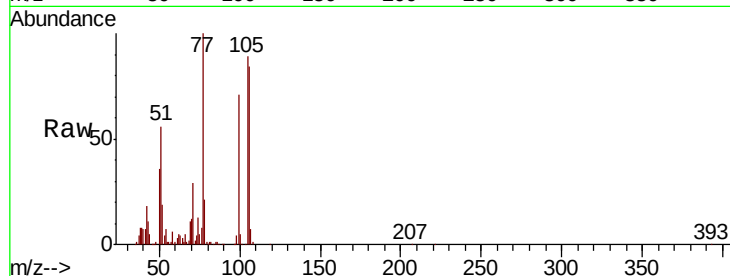
Tot Ion: 77 Resp: 173115

Ion Ratio Lower Upper

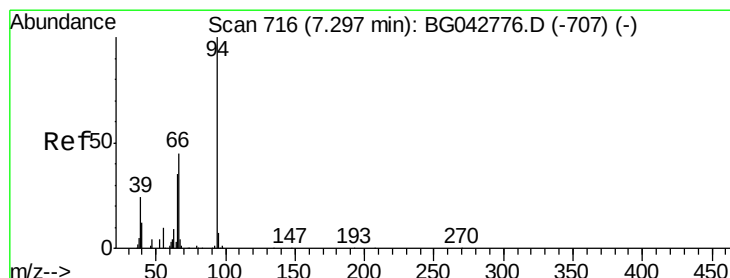
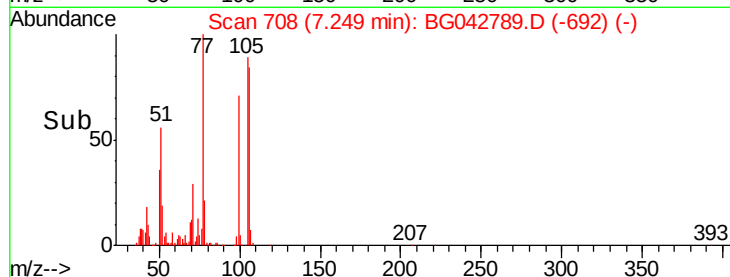
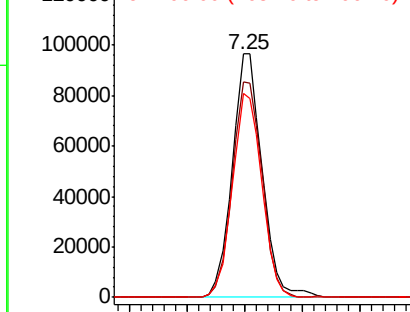
77 100

105 88.7 64.5 104.5

106 83.6 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: 49.885 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

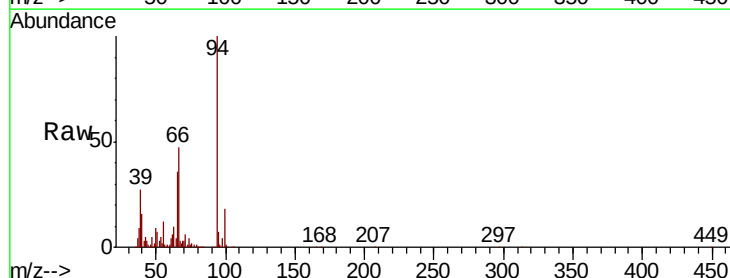
Tgt Ion: 94 Resp: 340887

Ion Ratio Lower Upper

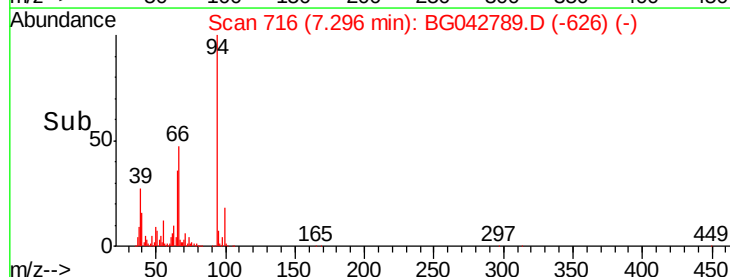
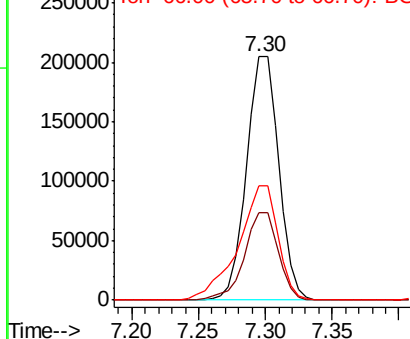
94 100

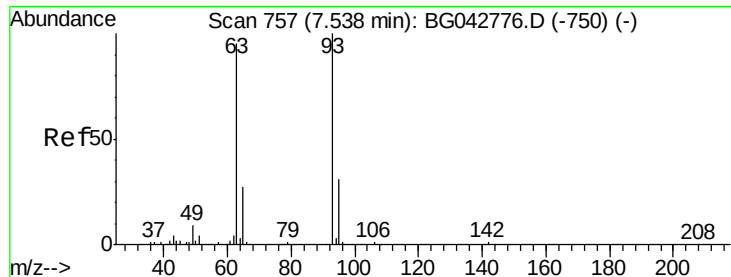
65 36.0 15.0 55.0

66 46.9 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.478 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

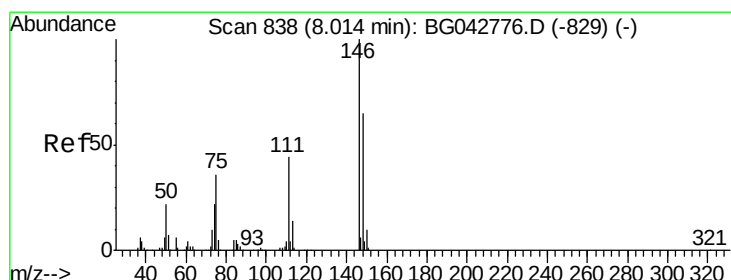
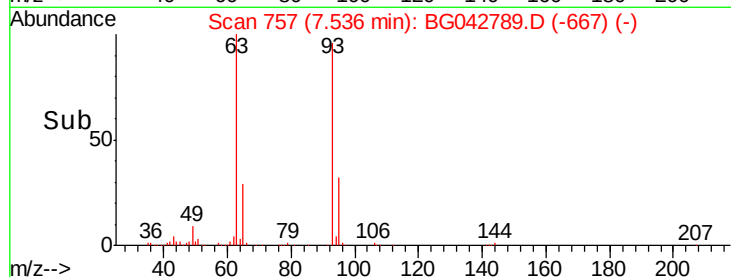
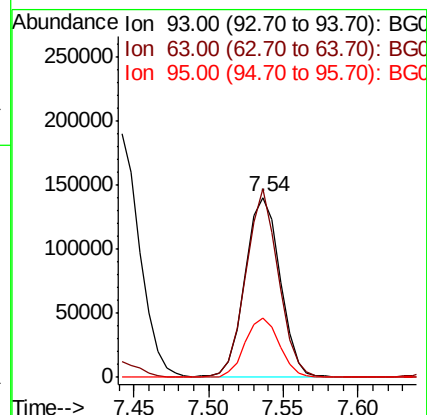
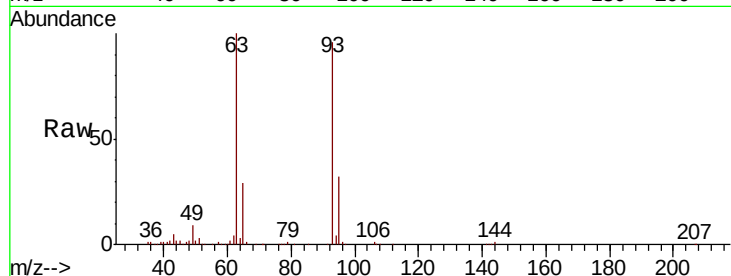
Tot Ion: 93 Resp: 228021

Ion Ratio Lower Upper

93 100

63 104.5 74.7 114.7

95 33.2 11.1 51.1



#12

1,3-Dichlorobenzene

Concen: 41.828 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

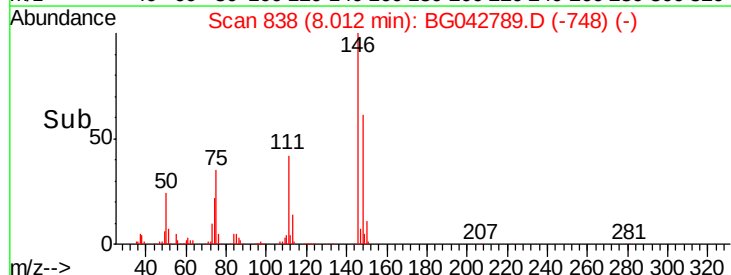
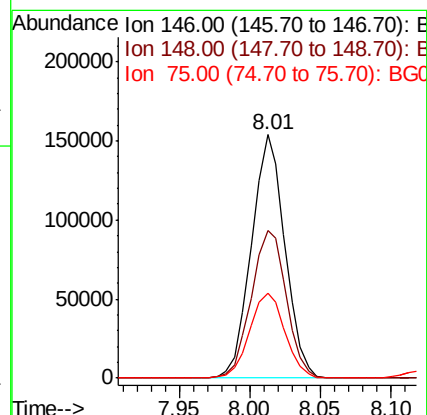
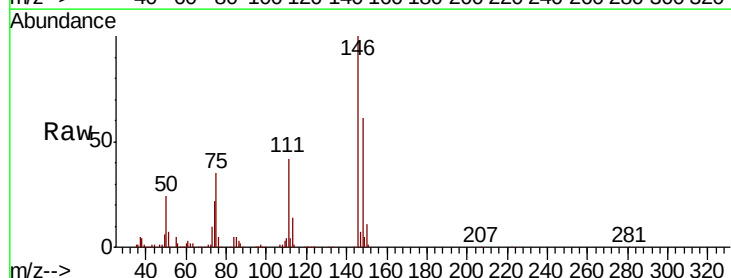
Tgt Ion: 146 Resp: 256016

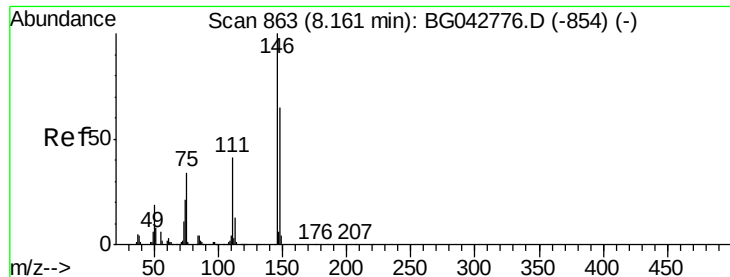
Ion Ratio Lower Upper

146 100

148 60.8 51.9 77.9

75 34.7 28.4 42.6

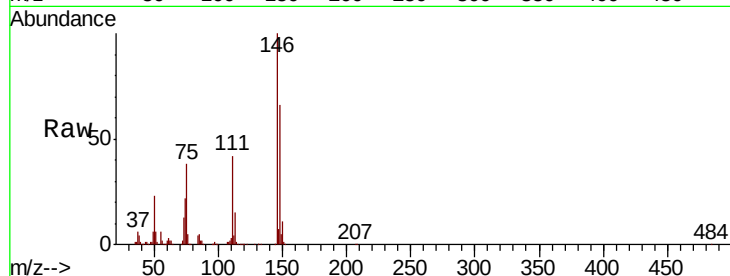




#13
 1,4-Dichlorobenzene
 Concen: 41.819 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.2	78.4
111	41.7	32.6	49.0

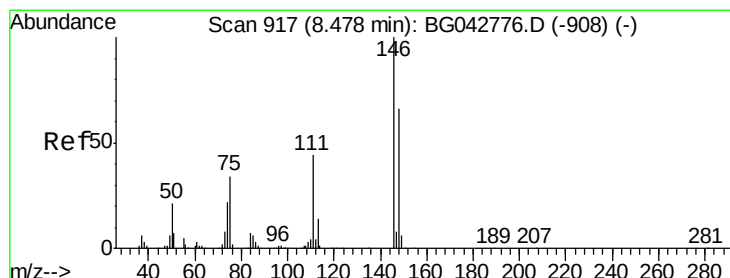
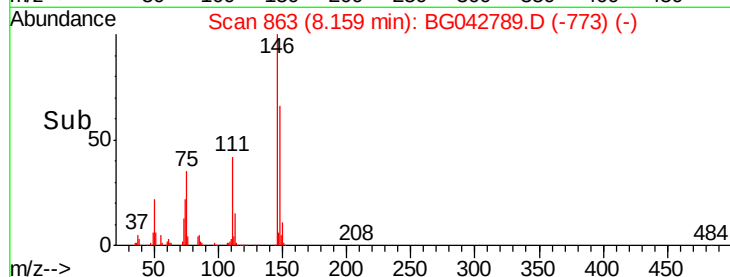
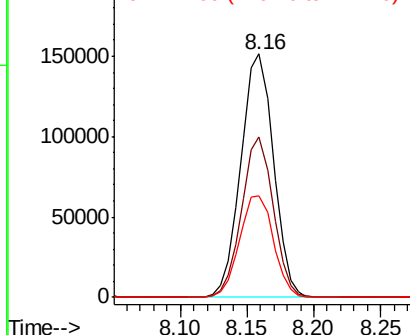


Abundance

Ion 146.00 (145.70 to 146.70): E

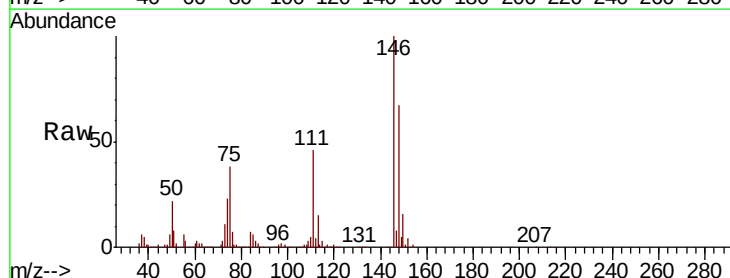
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.197 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.6	78.8
111	45.8	35.3	52.9

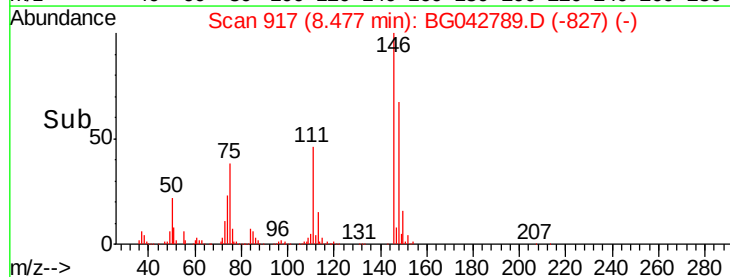
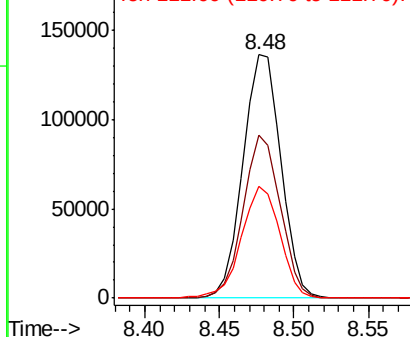


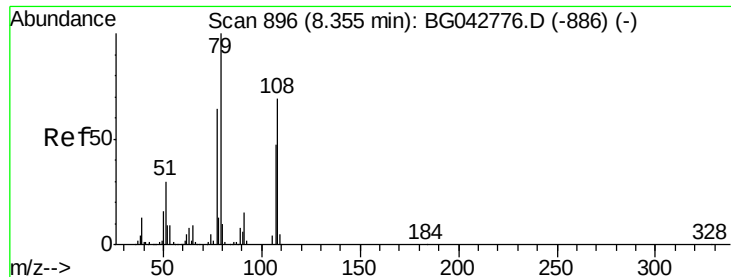
Abundance

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: 46.207 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

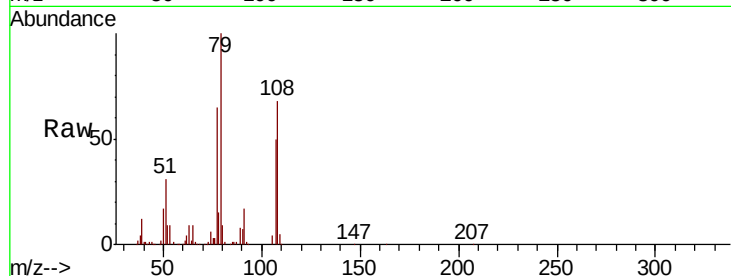
Tot Ion: 79 Resp: 264231

Ion Ratio Lower Upper

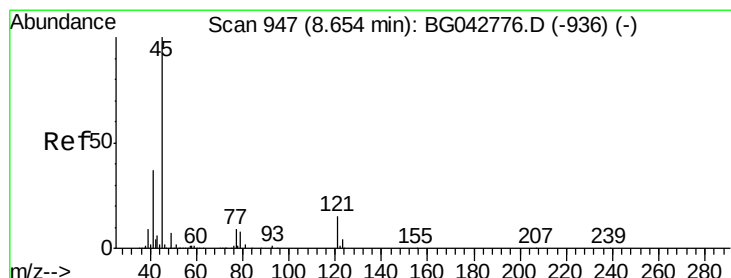
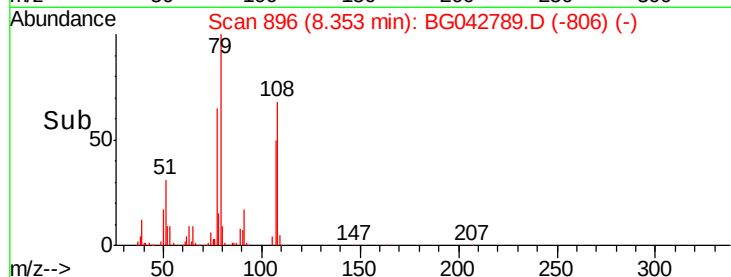
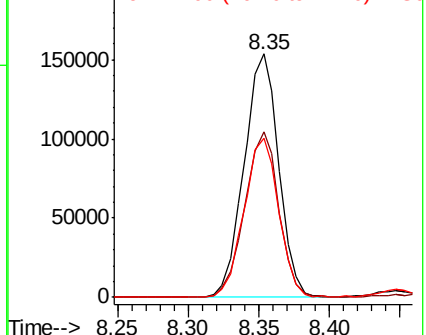
79 100

108 68.0 54.9 82.3

77 65.4 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: 43.471 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

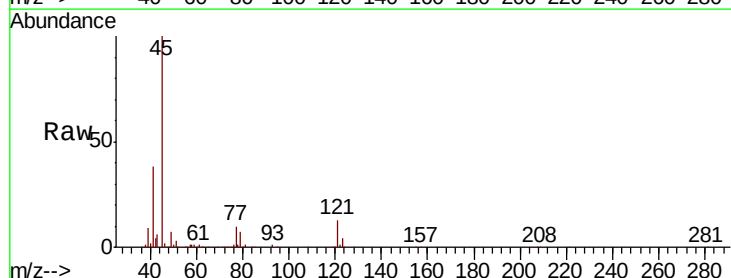
Tgt Ion: 45 Resp: 500648

Ion Ratio Lower Upper

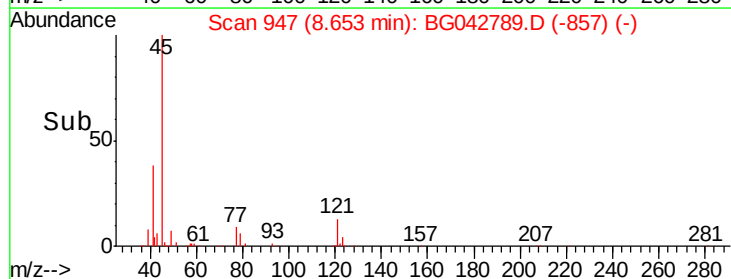
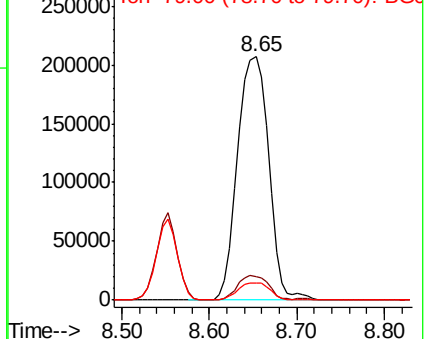
45 100

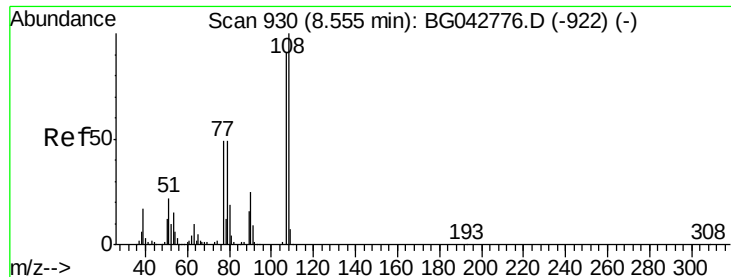
77 9.8 0.0 29.4

79 7.2 0.0 28.4



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





#17

2-Methylphenol

Concen: 47.433 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 216852

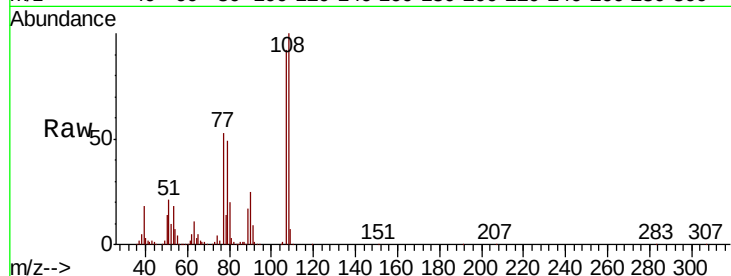
Ion Ratio Lower Upper

107 100

108 108.1 87.7 131.5

77 57.5 42.6 64.0

79 53.0 43.4 65.2

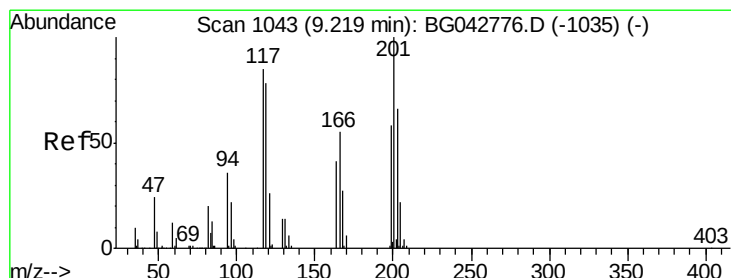
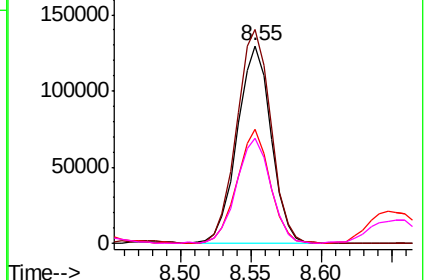
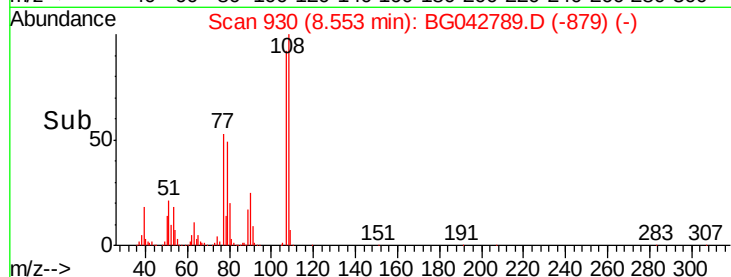


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.518 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

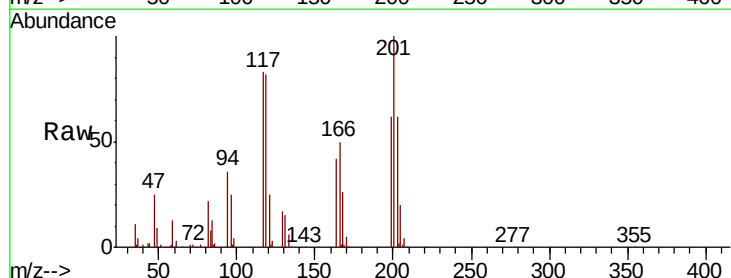
Tgt Ion:117 Resp: 93926

Ion Ratio Lower Upper

117 100

119 99.0 73.8 110.8

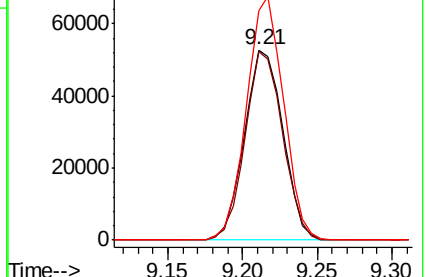
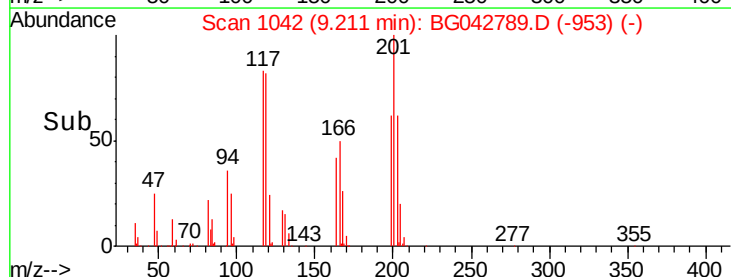
201 121.0 94.6 142.0

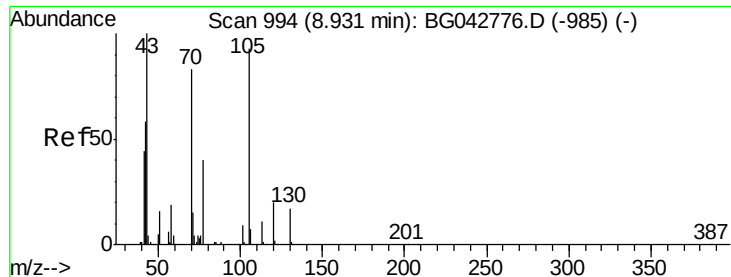


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

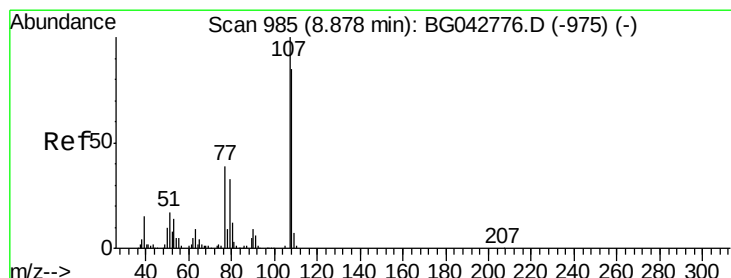
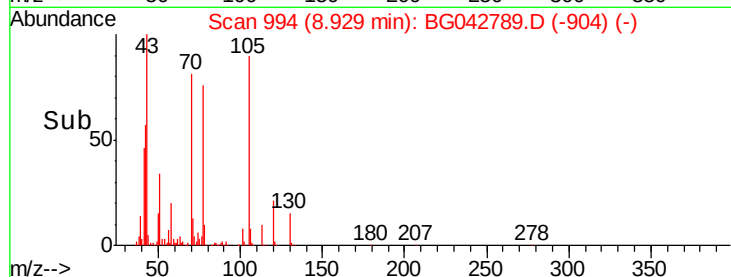
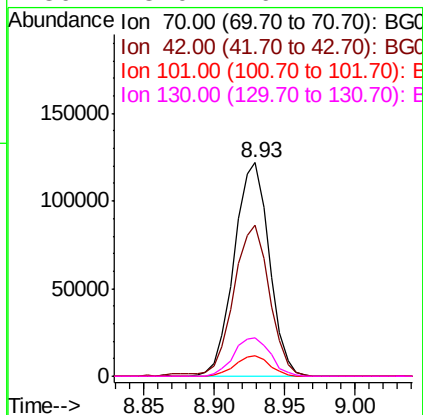
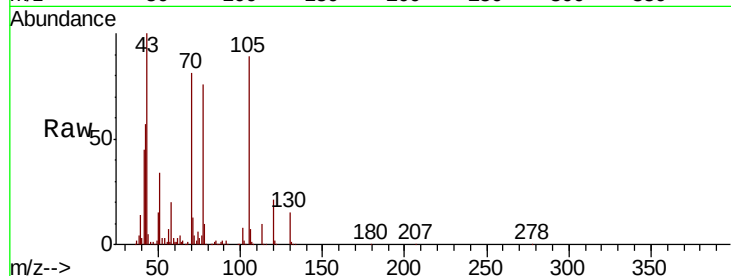




#19
n-Nitroso-di-n-propylamine
Concen: 43.265 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

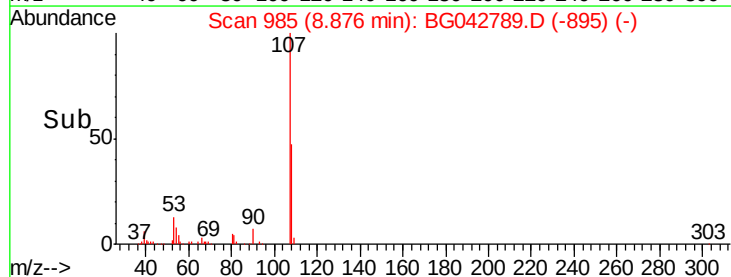
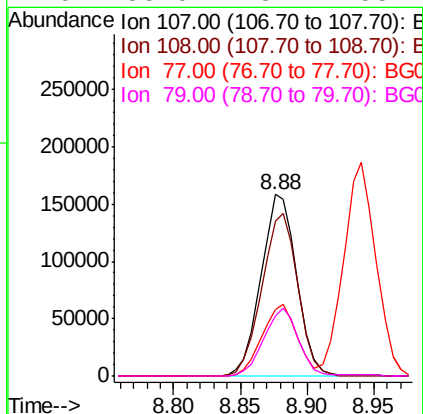
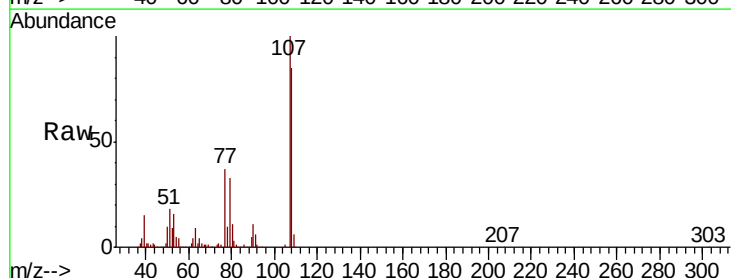
Instrument :
BNA_G
ClientSampleId :

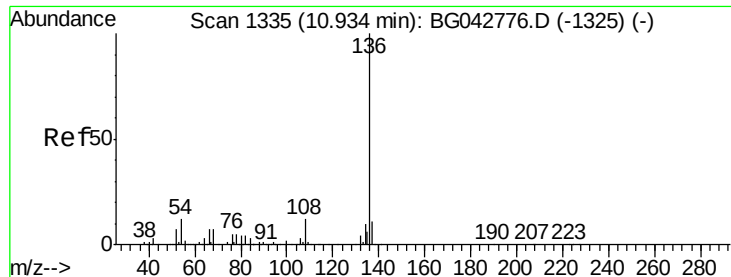
Tot Ion:	70	Resp:	212432
Ion	Ratio	Lower	Upper
70	100		
42	70.7	57.0	85.6
101	9.6	8.4	12.6
130	18.0	16.1	24.1



#20
3+4-Methylphenols
Concen: 46.425 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion:	107	Resp:	292569
Ion	Ratio	Lower	Upper
107	100		
108	85.1	65.4	105.4
77	37.0	18.7	58.7
79	33.0	13.7	53.7

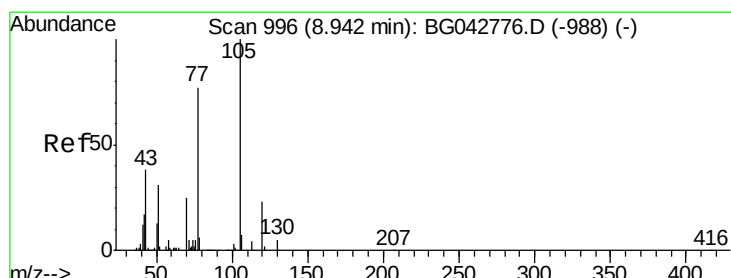
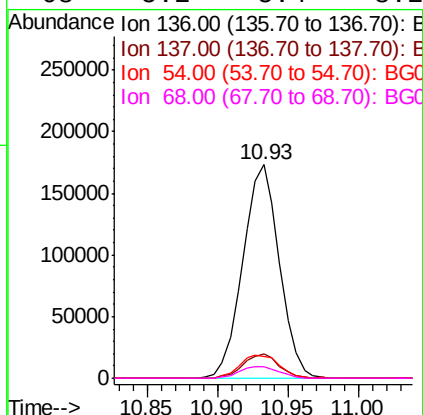
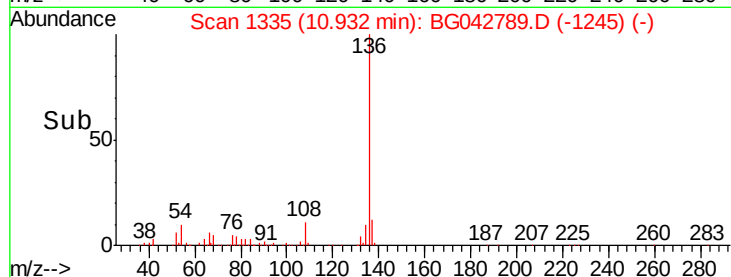
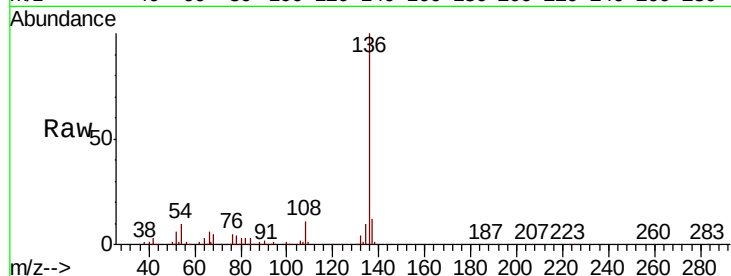




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

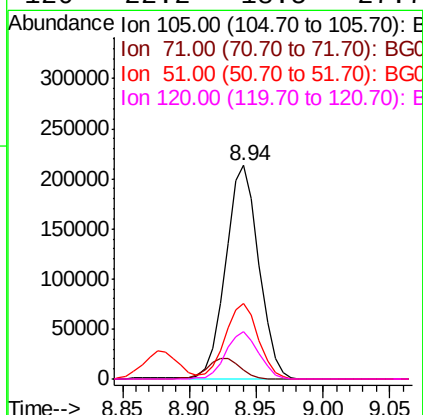
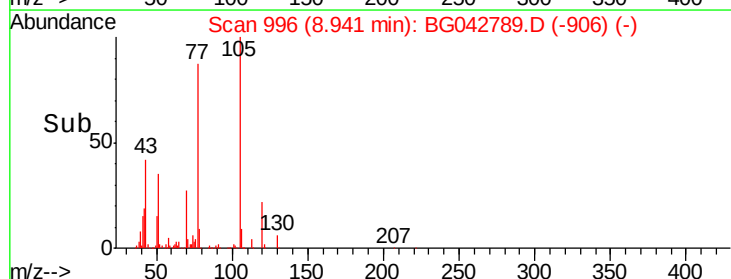
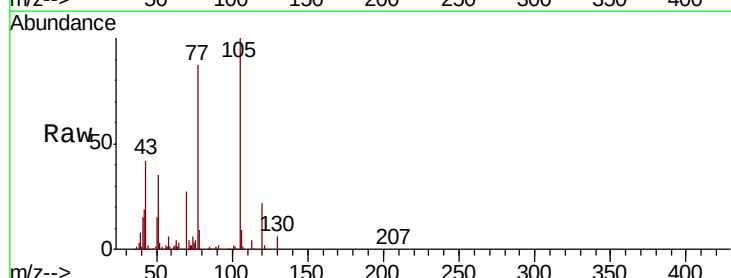
Instrument :
BNA_G
ClientSampled :

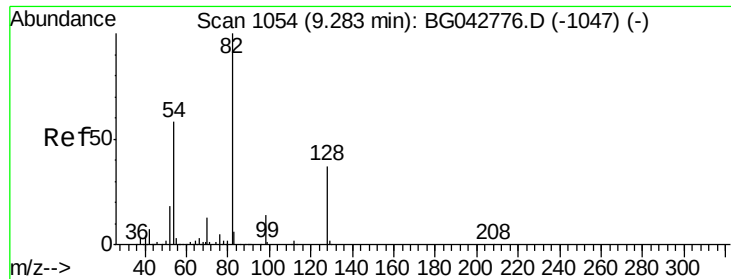
Tot Ion:136	Resp:	312414
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.0 13.6
54	10.1	9.4 14.0
68	5.2	5.4 8.2#



#22
Acetophenone
Concen: 46.772 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion:105	Resp:	369034
Ion Ratio	Lower	Upper
105	100	
71	4.1	3.7 5.5
51	35.2	28.8 43.2
120	22.2	18.5 27.7

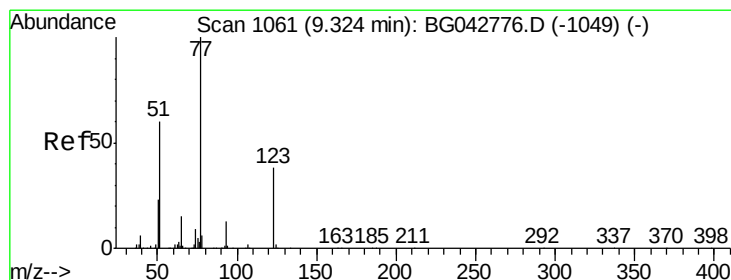
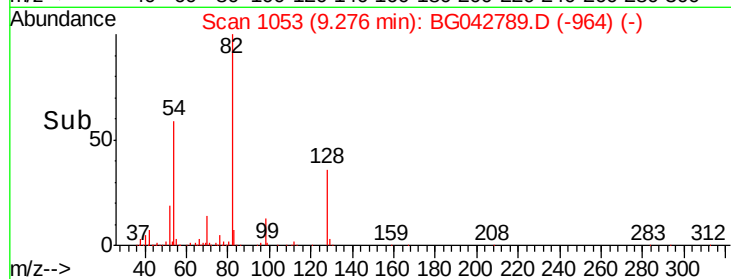
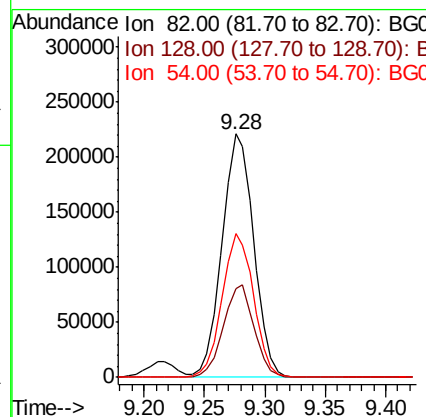
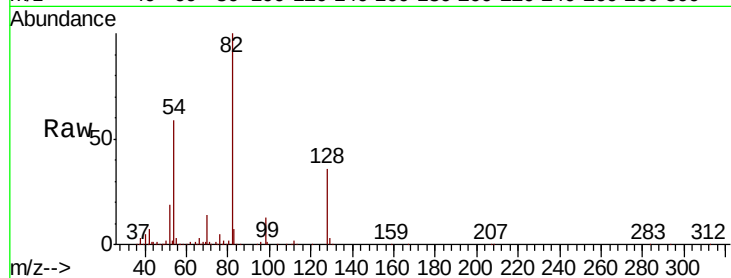




#23
 Nitrobenzene-d5
 Concen: 66.658 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

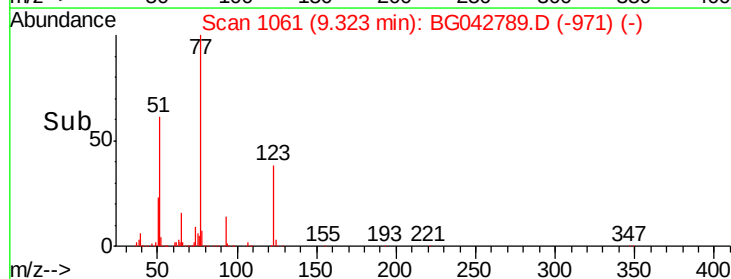
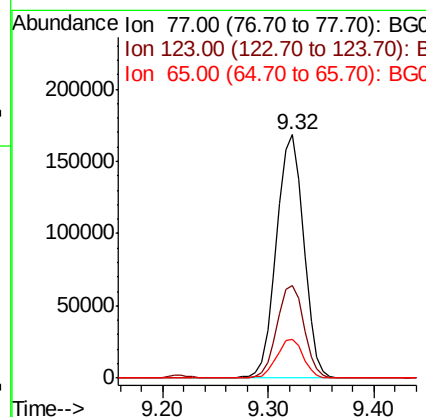
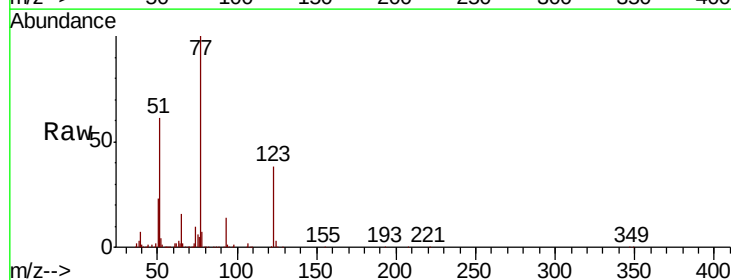
Instrument :
 BNA_G
 ClientSampled :

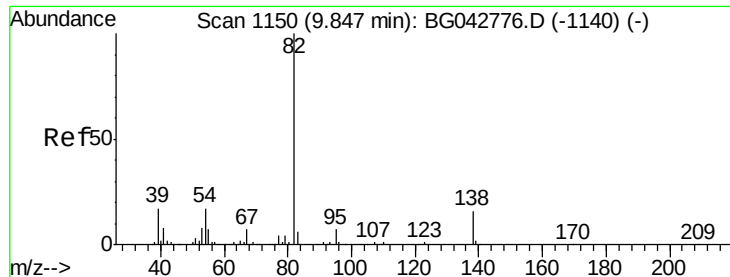
Tot Ion	82	Resp	399996
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.8	44.8
54	59.1	46.1	69.1



#24
 Nitrobenzene
 Concen: 47.624 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	77	Resp	299970
Ion Ratio	Lower	Upper	
77	100		
123	38.1	30.7	46.1
65	15.7	12.2	18.4





#25

Isophorone

Concen: 46.565 ng

RT: 9.85 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

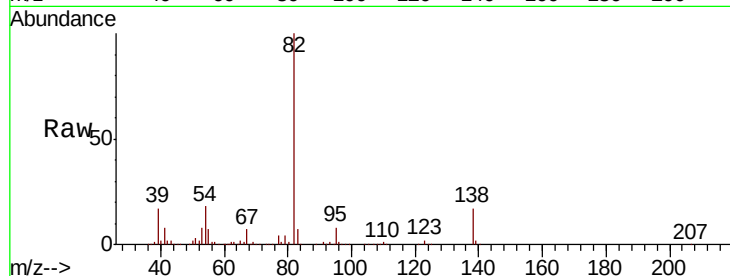
Tot Ion: 82 Resp: 582437

Ion Ratio Lower Upper

82 100

95 8.1 5.8 8.8

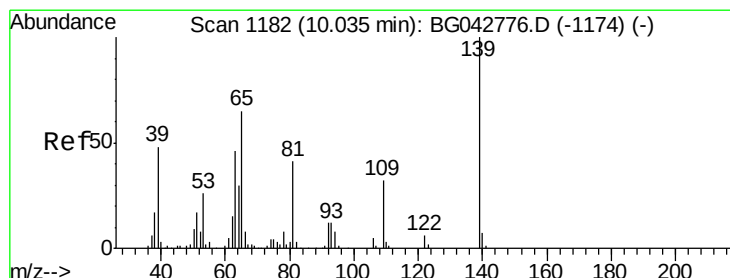
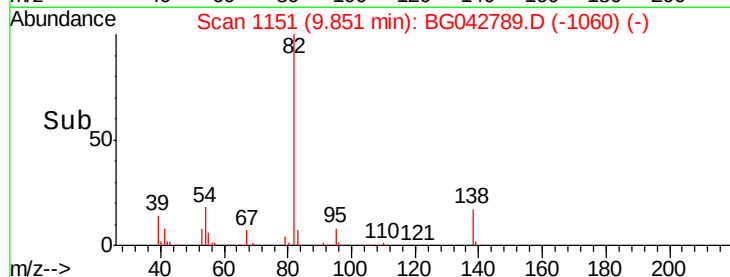
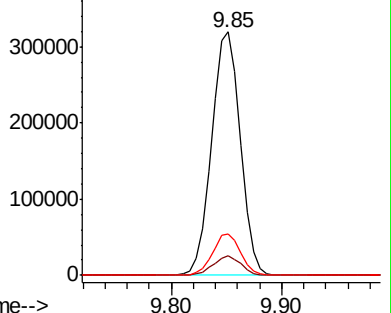
138 17.2 12.9 19.3



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

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

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



#26

2-Nitrophenol

Concen: 49.582 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

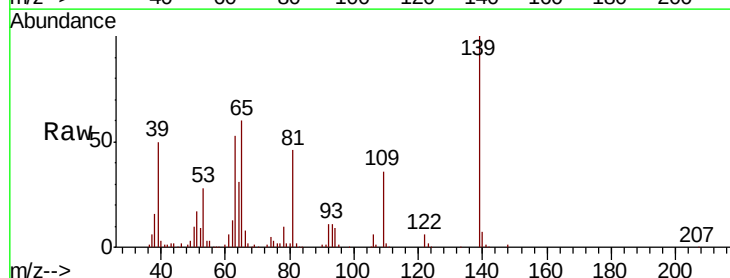
Tgt Ion: 139 Resp: 122806

Ion Ratio Lower Upper

139 100

109 35.9 25.8 38.8

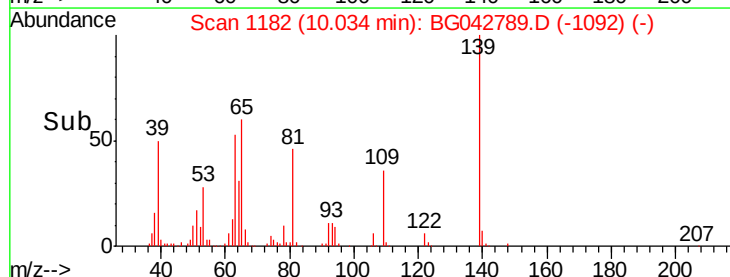
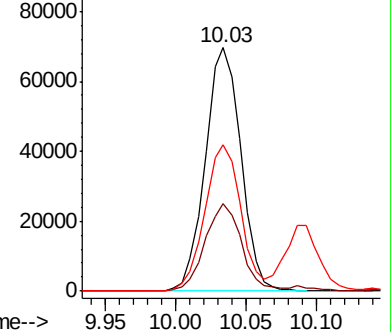
65 60.2 52.2 78.2

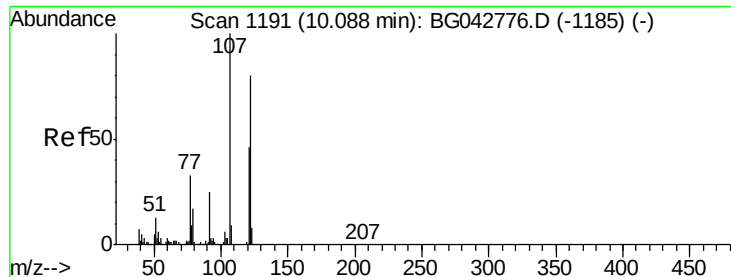


Abundance Ion 139.00 (138.70 to 139.70): BG042776.D (-1174) (-)

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

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

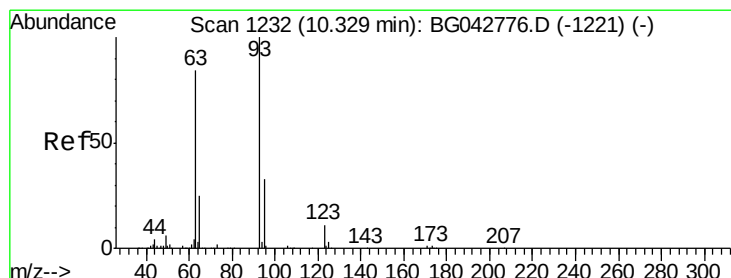
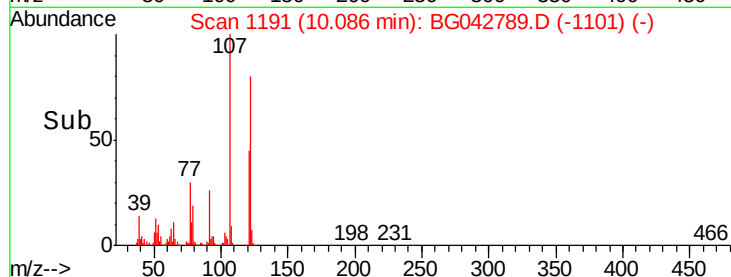
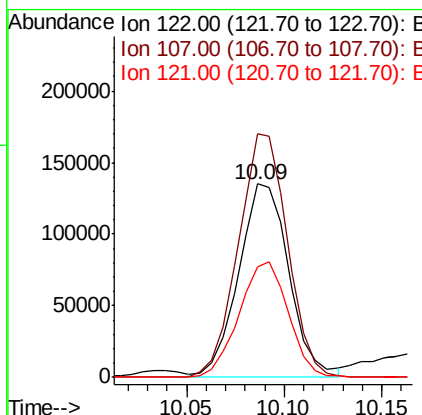
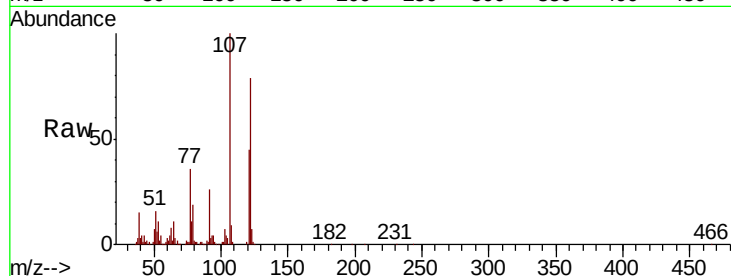




#27
 2,4-Dimethylphenol
 Concen: 55.217 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

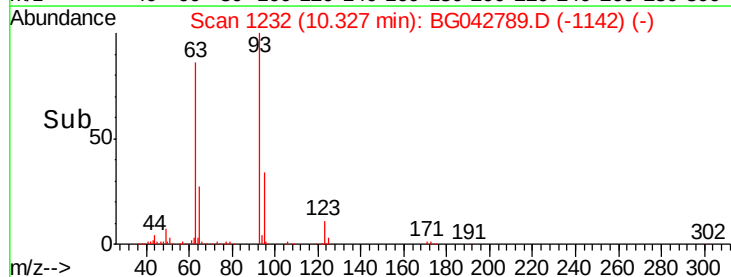
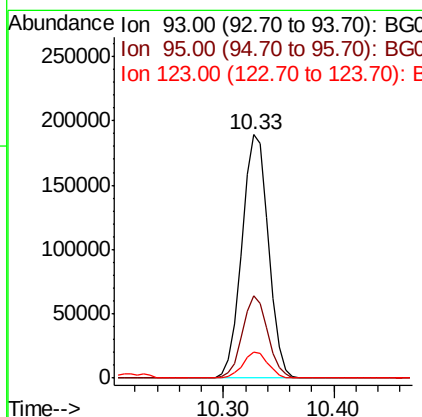
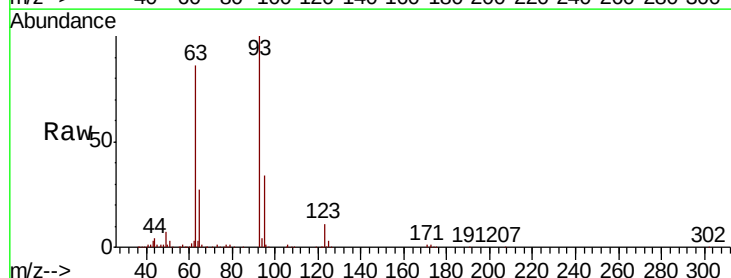
Instrument :
 BNA_G
 ClientSampleId :

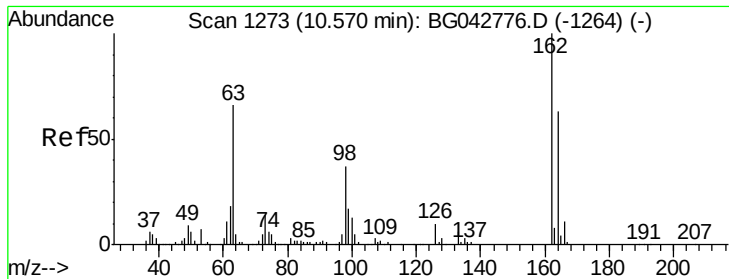
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.9	98.9	148.3
121	57.1	46.2	69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.795 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	40.0
123	10.8	9.0	13.6

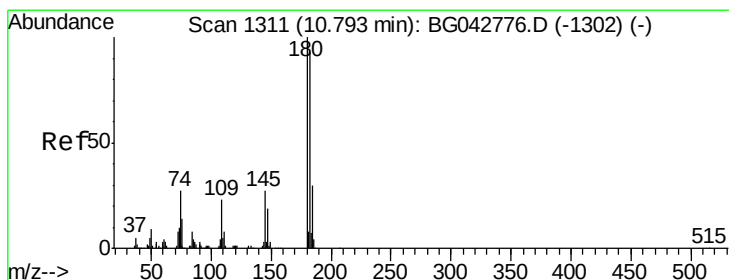
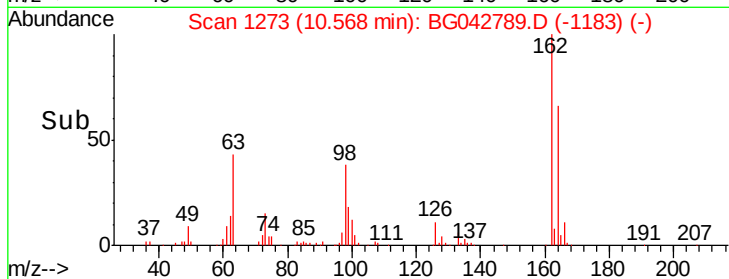
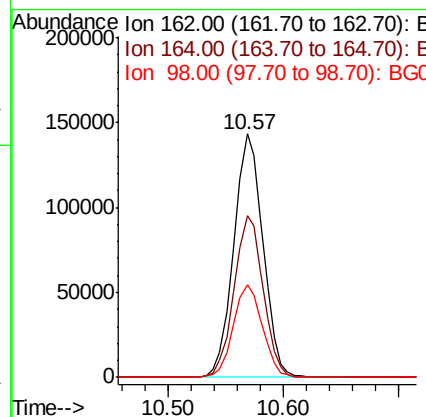
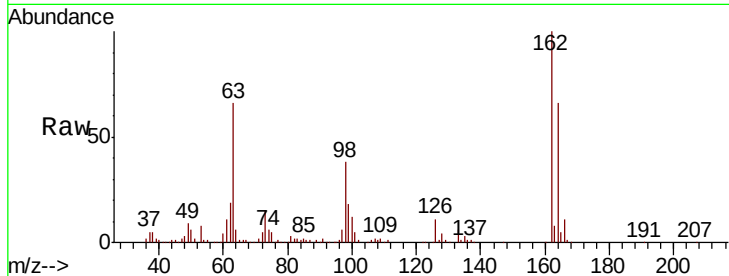




#29
 2,4-Dichlorophenol
 Concen: 49.164 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

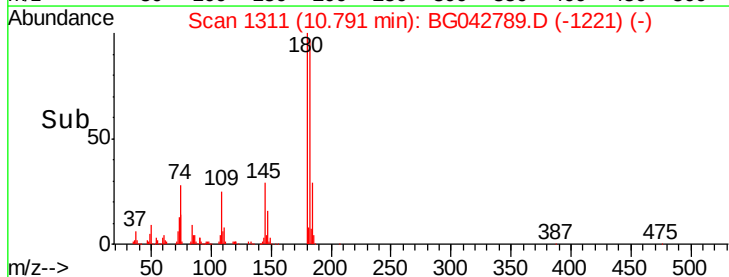
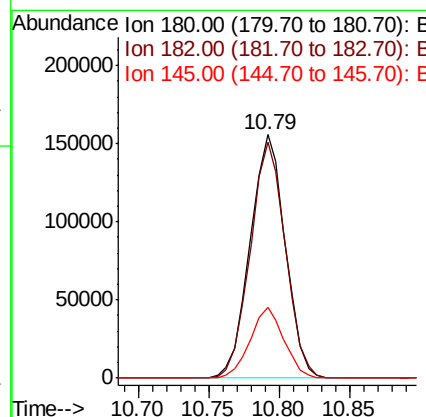
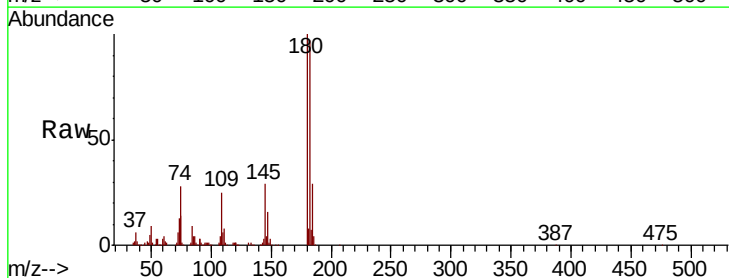
Instrument :
 BNA_G
 ClientSampleId :

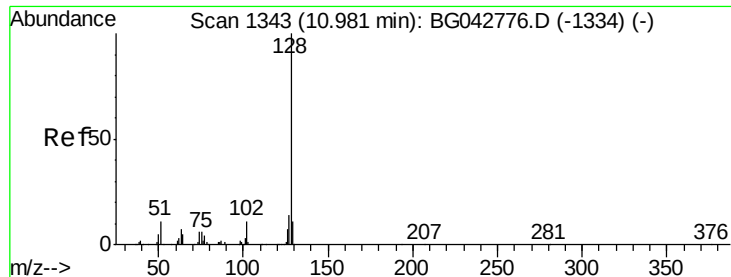
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.4	83.4
98	38.0	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.693 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.6	112.0
145	29.1	21.8	32.6

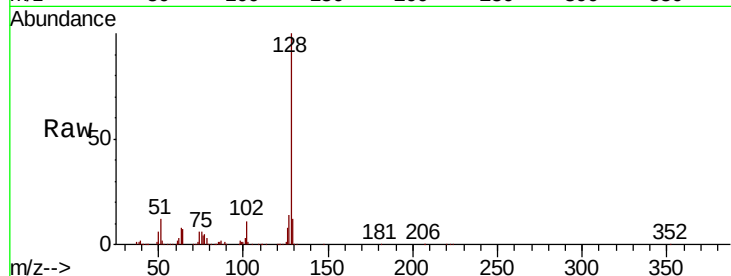




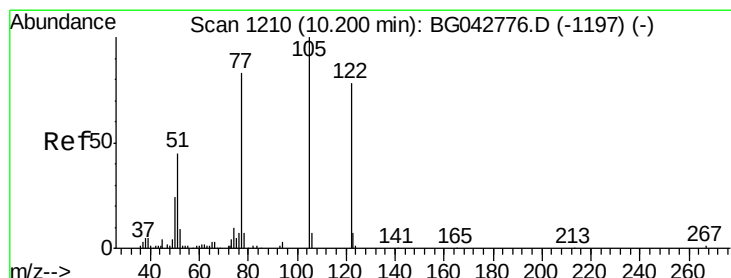
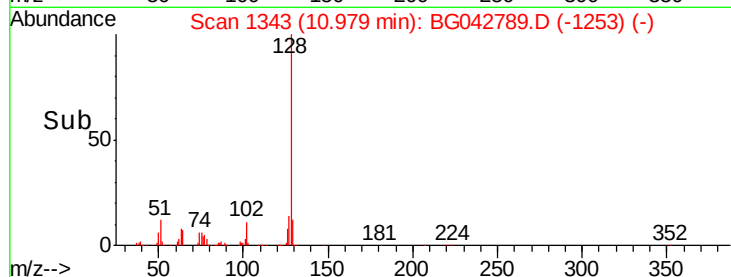
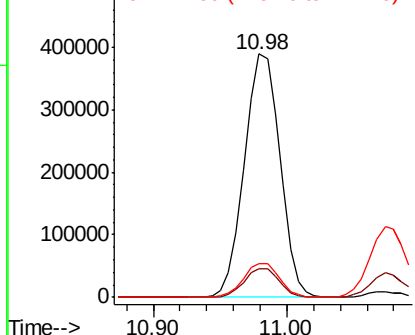
#31
Naphthalene
Concen: 46.495 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	128	Resp	717180
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.0	13.6
127	14.1	11.4	17.2

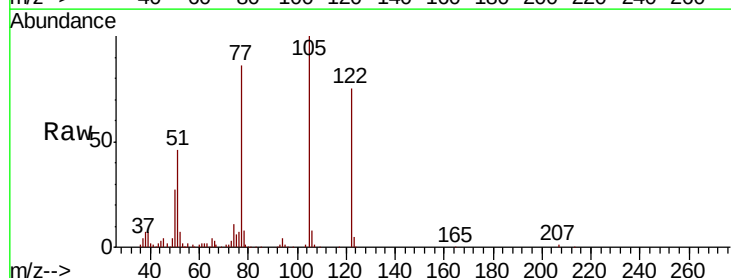


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

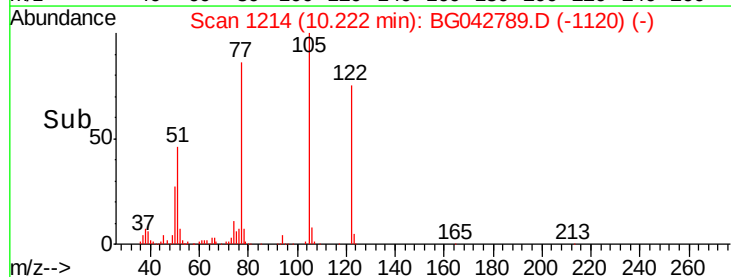
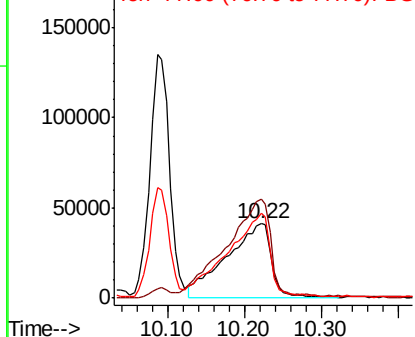


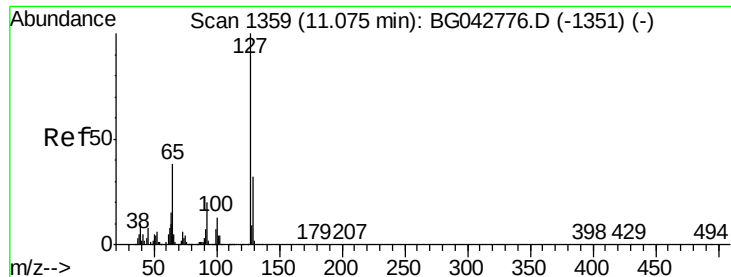
#32
Benzoic acid
Concen: 47.891 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	122	Resp	169655
Ion Ratio	Lower	Upper	
122	100		
105	133.0	104.0	144.0
77	114.2	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

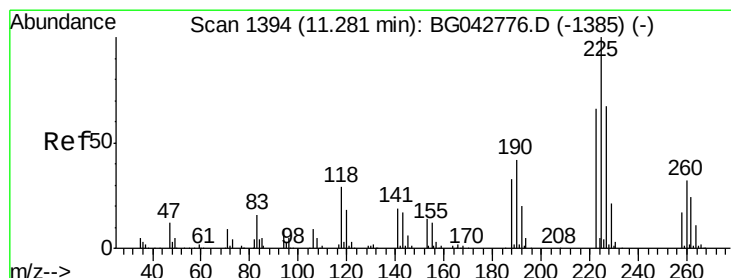
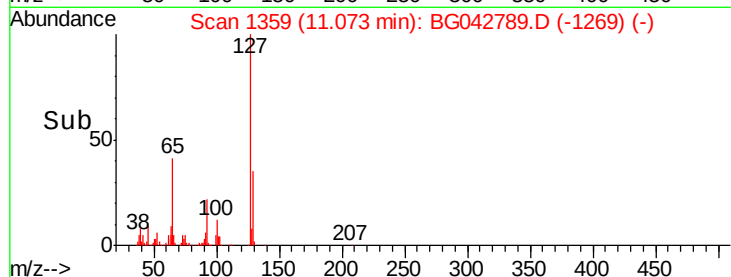
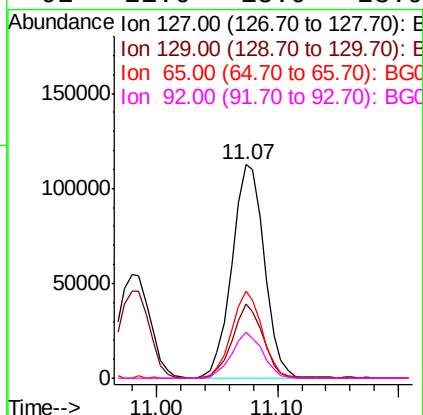
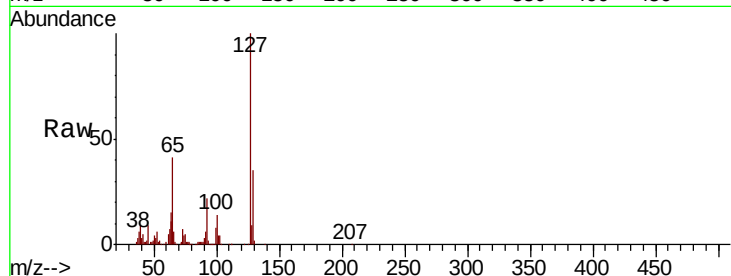




#33
4-Chloroaniline
Concen: 29.289 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

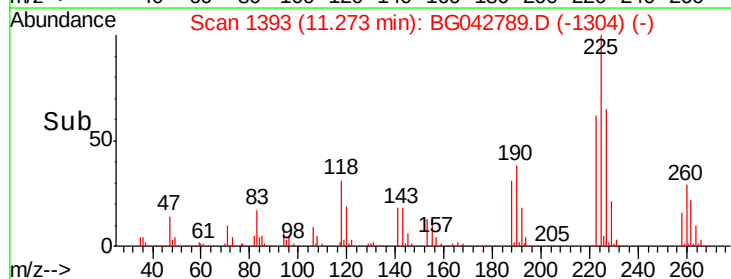
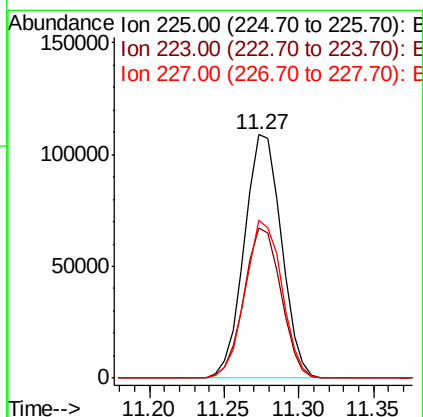
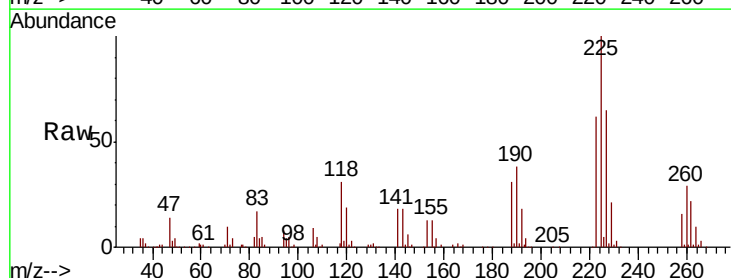
Instrument :
BNA_G
ClientSampleId :

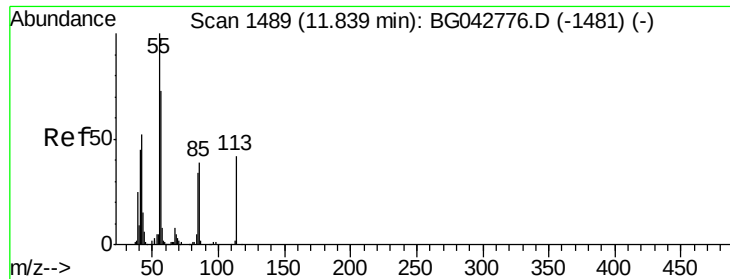
Tot Ion:	127	Resp:	211160
Ion	Ratio	Lower	Upper
127	100		
129	34.8	25.8	38.6
65	40.7	30.5	45.7
92	21.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 43.015 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion:	225	Resp:	187339
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.6	79.0
227	64.7	53.6	80.4

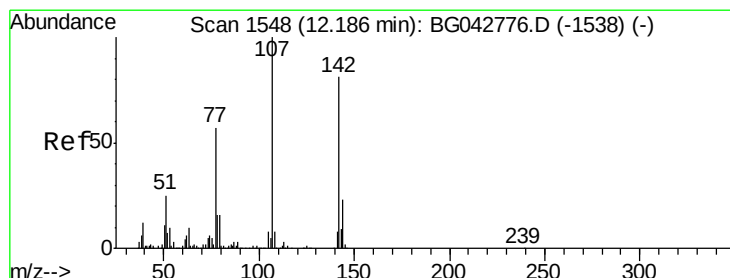
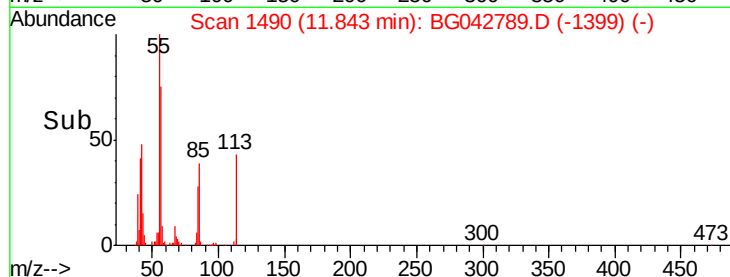
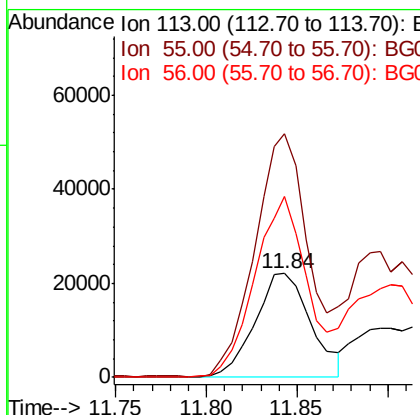
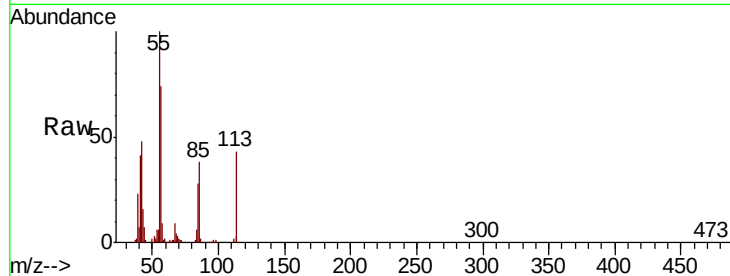




#35
 Caprolactam
 Concen: 25.035 ng
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

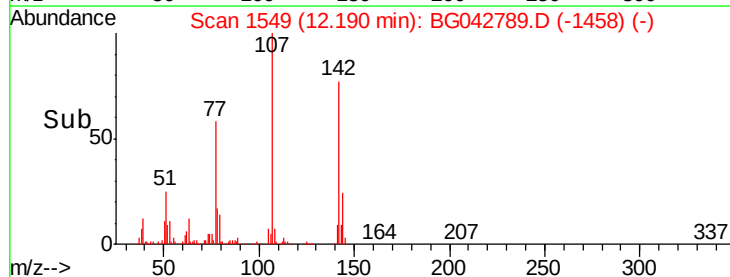
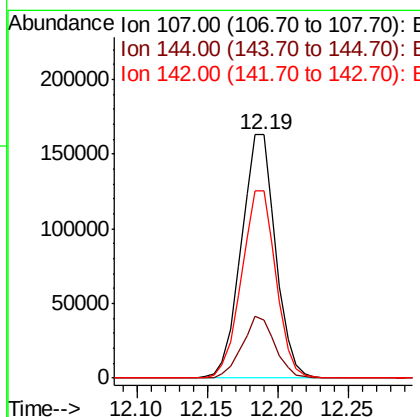
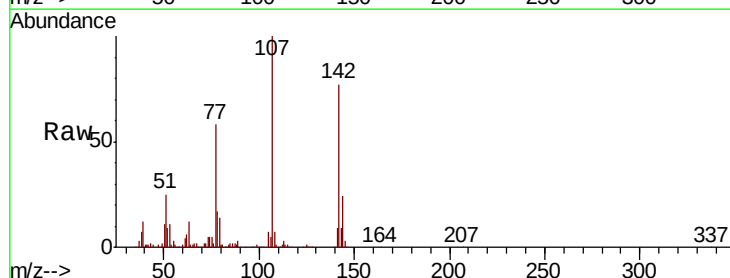
Instrument :
 BNA_G
 ClientSampleId :

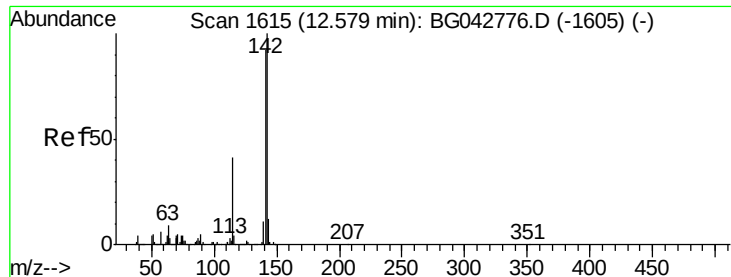
Tot Ion:113 Resp: 47398
 Ion Ratio Lower Upper
 113 100
 55 235.2 218.4 258.4
 56 175.2 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 50.153 ng
 RT: 12.19 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion:107 Resp: 277245
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.7 28.1
 142 76.9 65.0 97.4

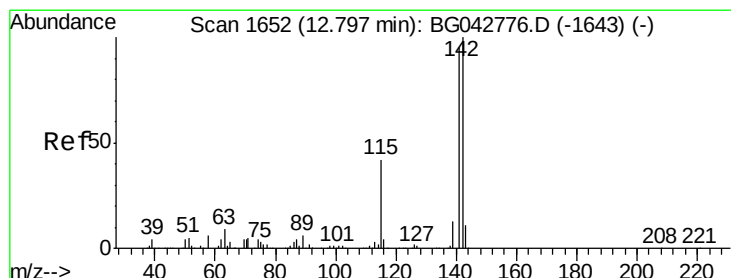
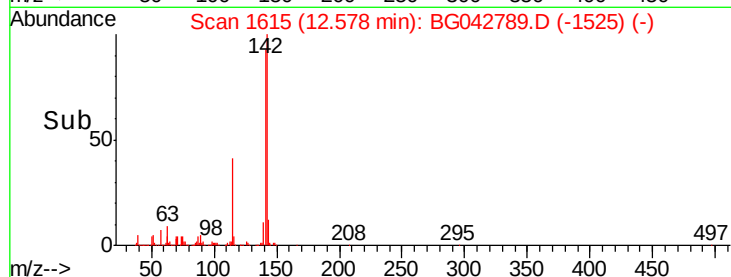
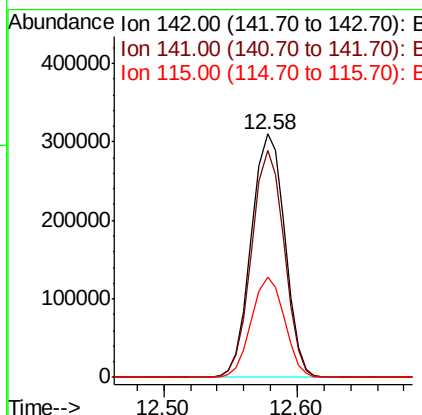
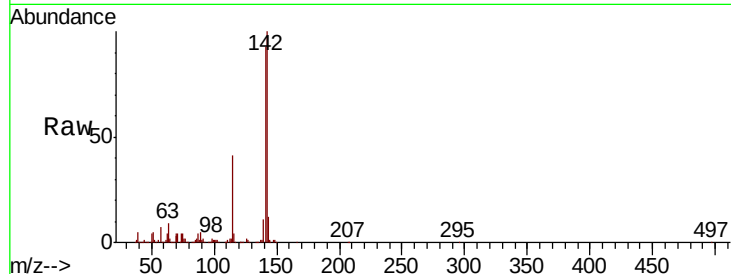




#37
2-Methylnaphthalene
Concen: 46.687 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

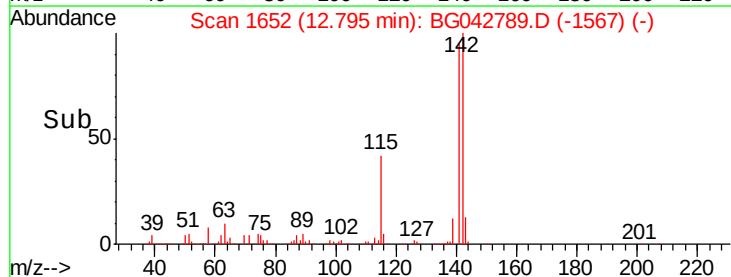
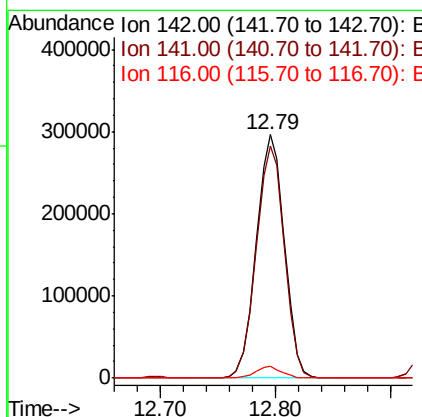
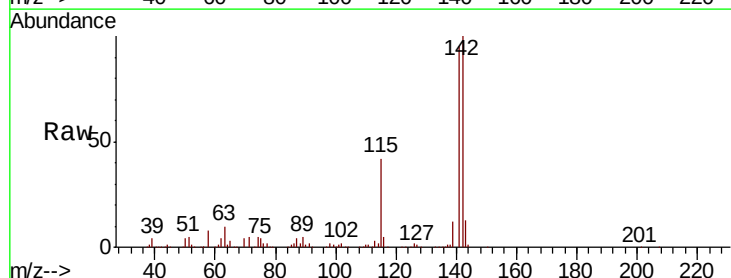
Instrument :
BNA_G
ClientSampleId :

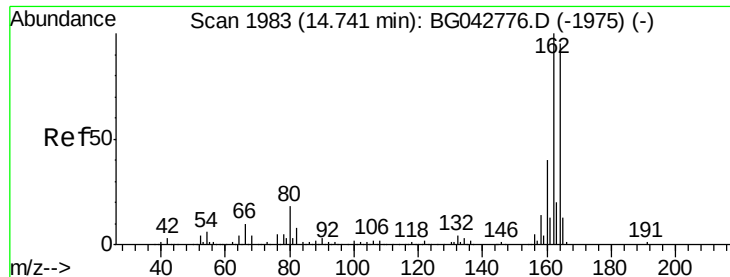
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.8	110.8
115	41.2	33.0	49.4



#38
1-Methylnaphthalene
Concen: 46.161 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.3	114.5
116	4.9	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

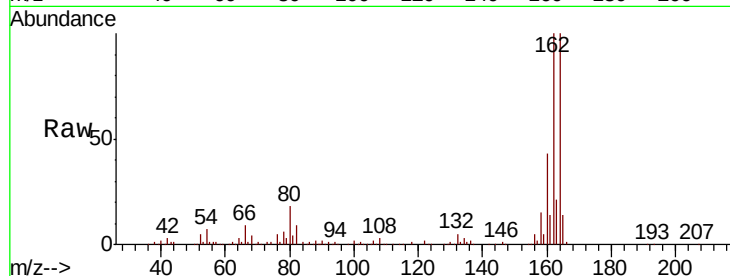
Tot Ion:164 Resp: 214597

Ion Ratio Lower Upper

164 100

162 100.2 84.6 126.8

160 42.9 34.2 51.2

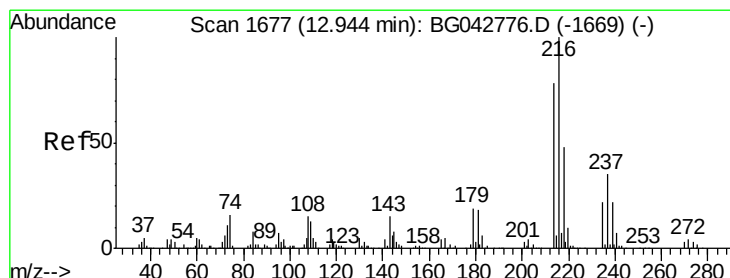
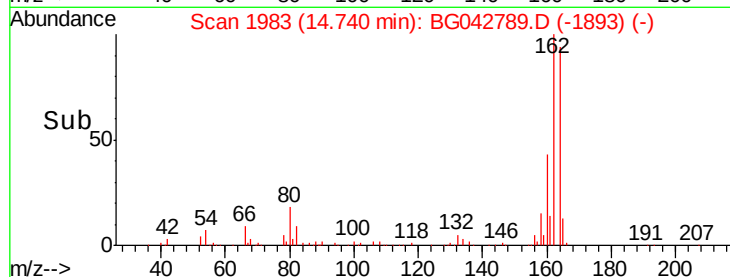
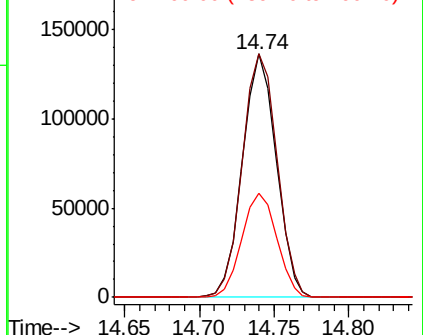


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.914 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:216 Resp: 332679

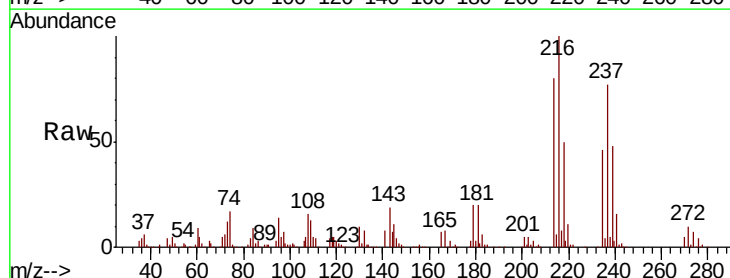
Ion Ratio Lower Upper

216 100

214 78.3 62.8 94.2

179 19.6 15.3 22.9

108 17.8 12.9 19.3



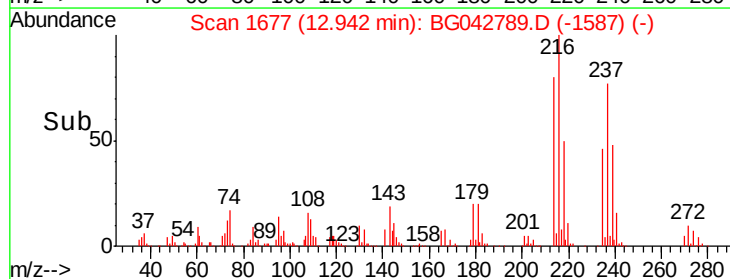
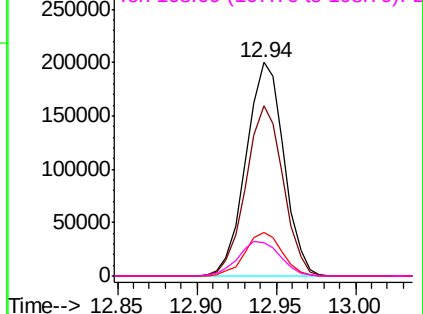
Abundance

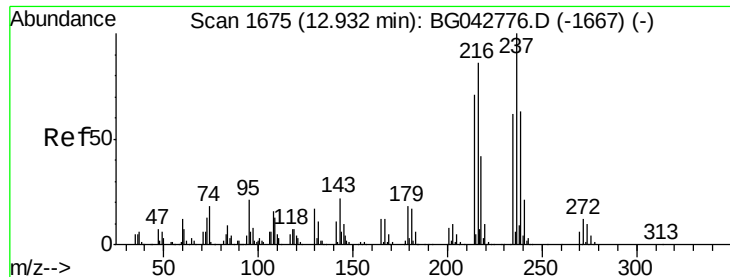
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.923 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

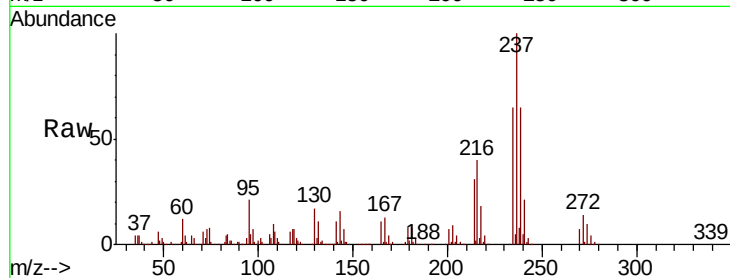
Tot Ion:237 Resp: 409988

Ion Ratio Lower Upper

237 100

235 64.7 41.9 81.9

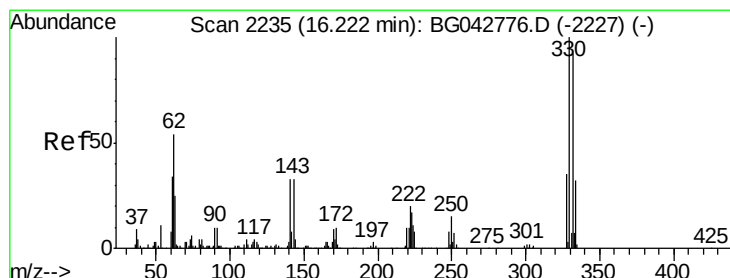
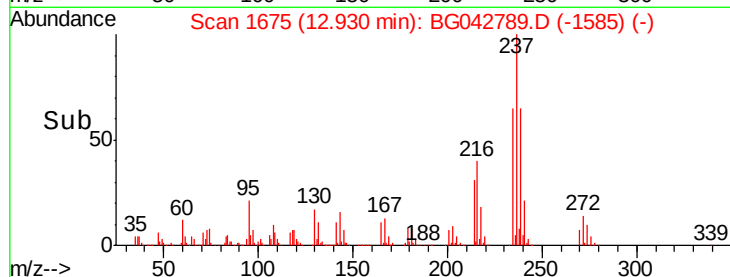
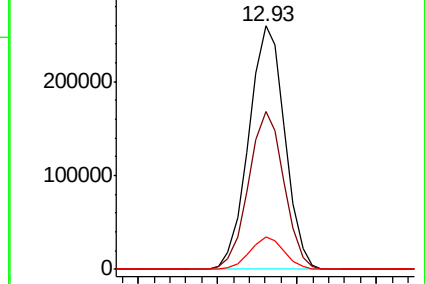
272 13.6 0.0 31.6



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: 96.383 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

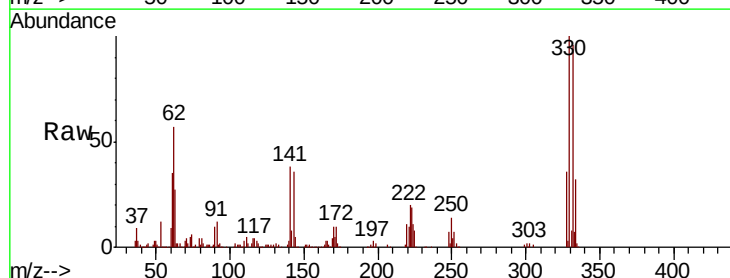
Tgt Ion:330 Resp: 275179

Ion Ratio Lower Upper

330 100

332 97.3 76.7 115.1

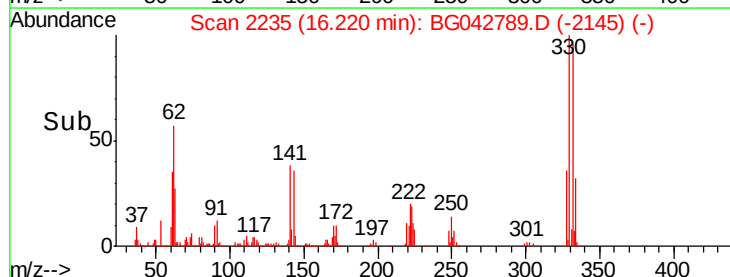
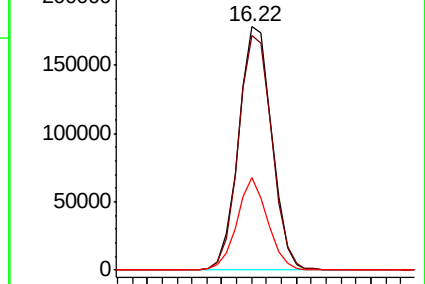
141 35.2 27.0 40.6

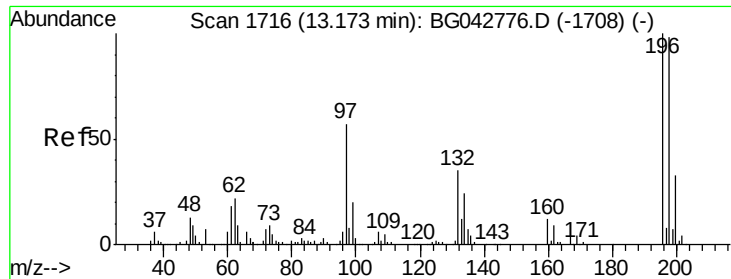


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

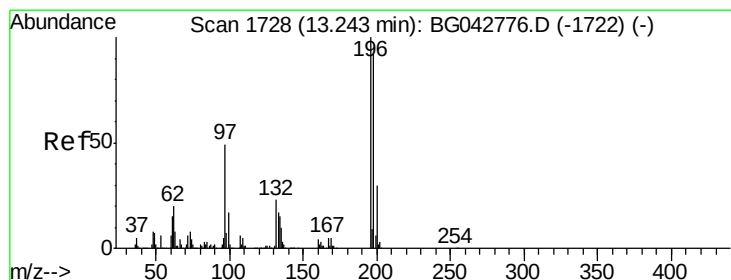
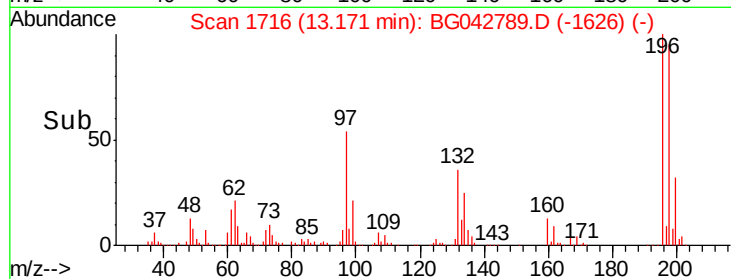
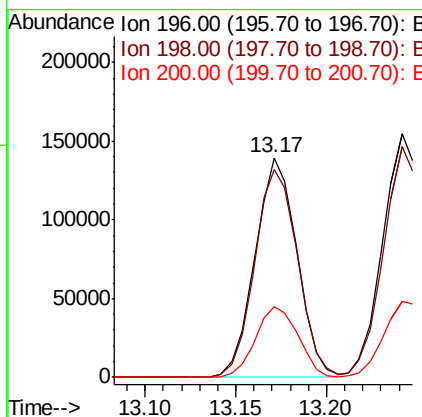
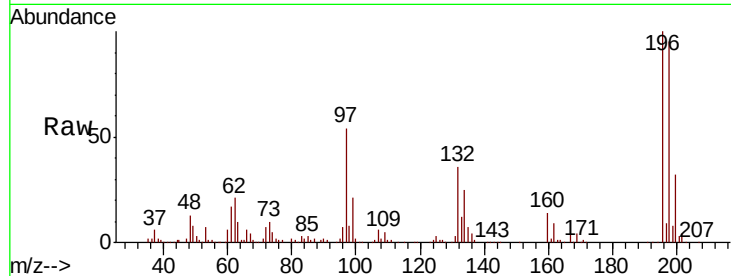




#43
 2,4,6-Trichlorophenol
 Concen: 47.527 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

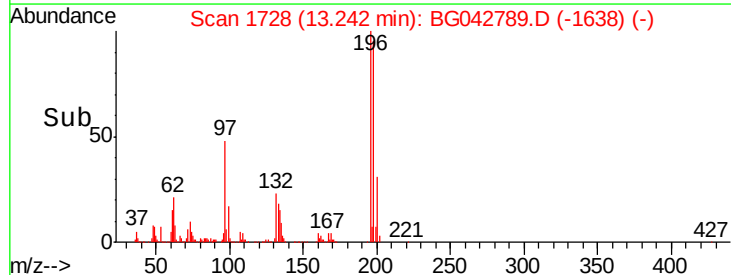
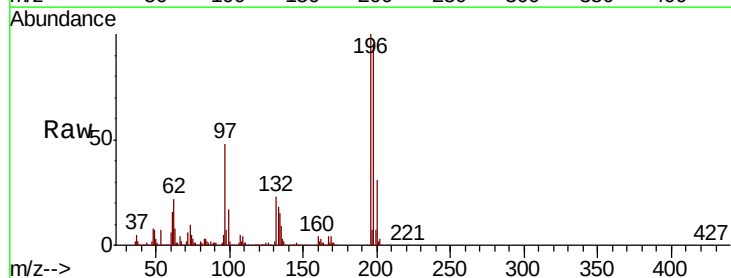
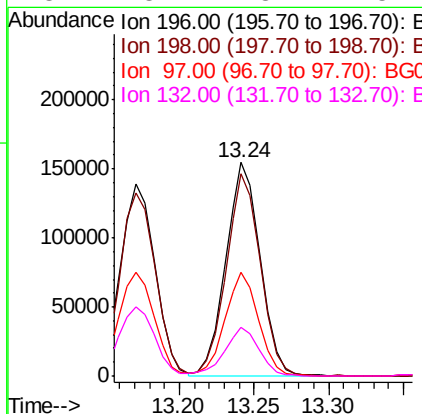
Instrument :
 BNA_G
 ClientSampleId :

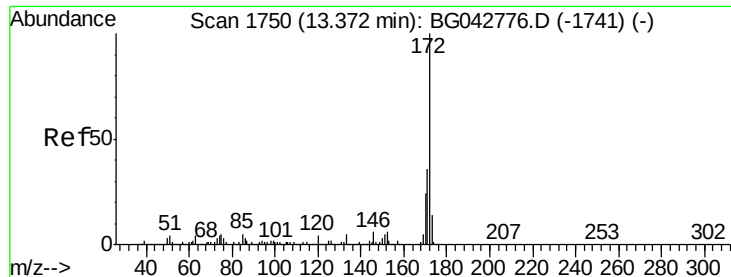
Tot Ion	196	Resp	224377
Ion Ratio	Lower	Upper	
196	100		
198	94.9	78.8	118.2
200	32.2	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 51.298 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	196	Resp	248062
Ion Ratio	Lower	Upper	
196	100		
198	94.9	73.4	110.0
97	48.3	39.2	58.8
132	23.1	18.7	28.1

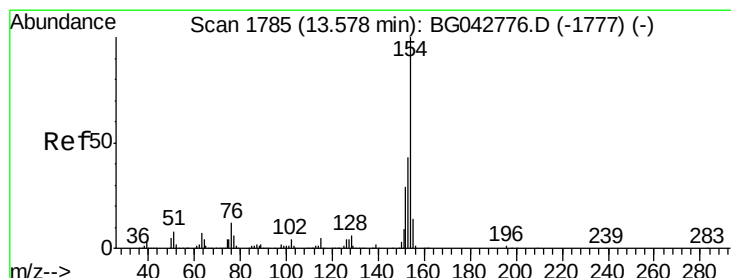
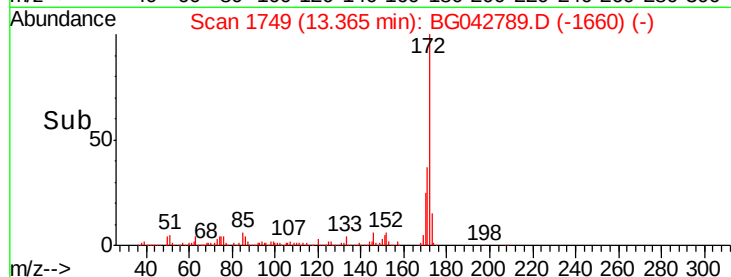
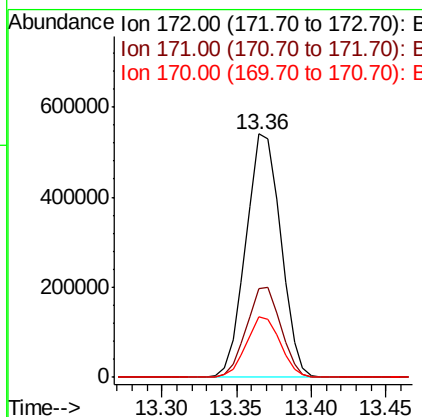
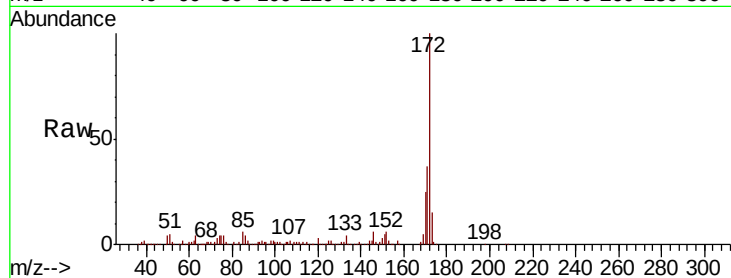




#45
 2-Fluorobiphenyl
 Concen: 64.472 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

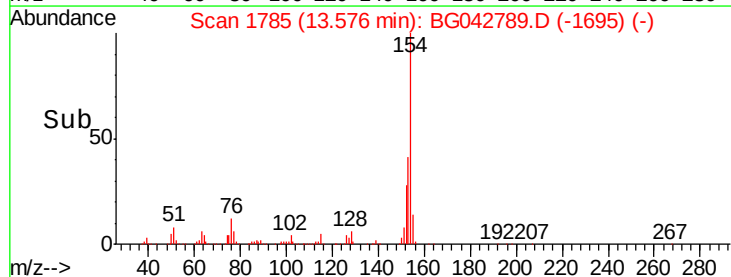
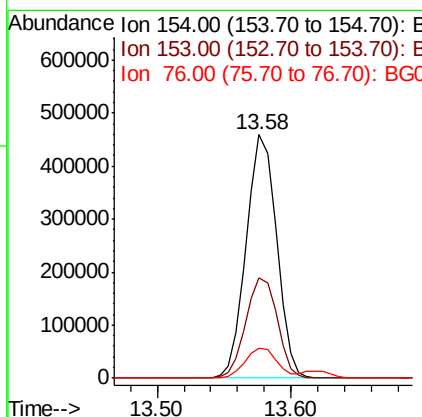
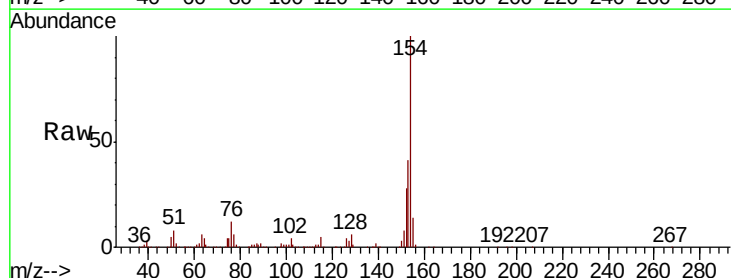
Instrument :
 BNA_G
 ClientSampleId :

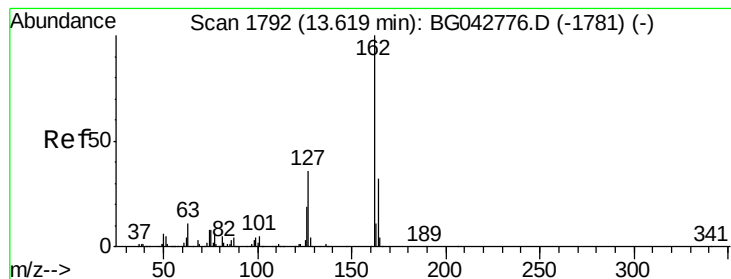
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.7	19.1	28.7



#46
 1,1'-Biphenyl
 Concen: 47.872 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.6	62.6
76	12.3	0.0	32.2

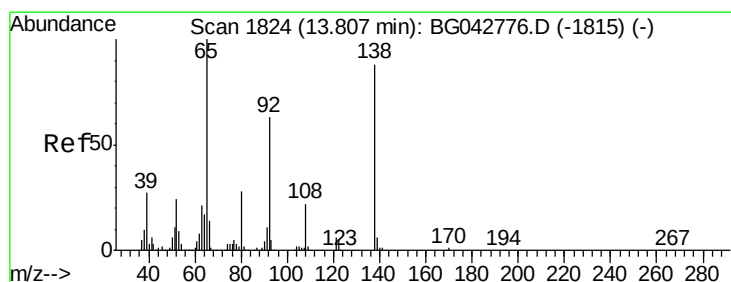
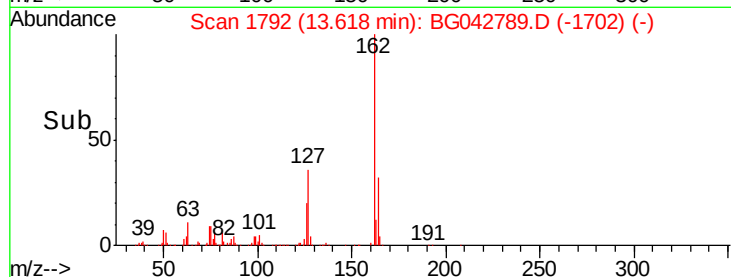
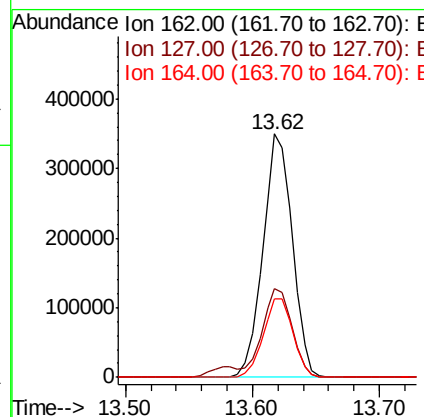
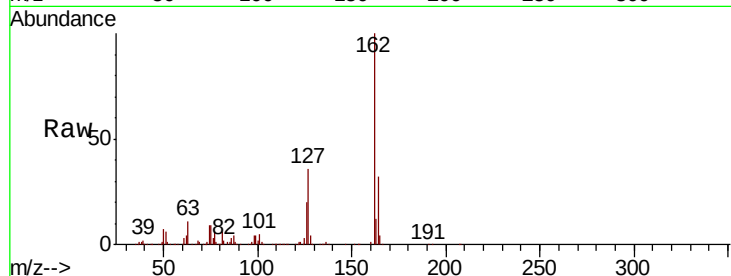




#47
 2-Chloronaphthalene
 Concen: 45.226 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

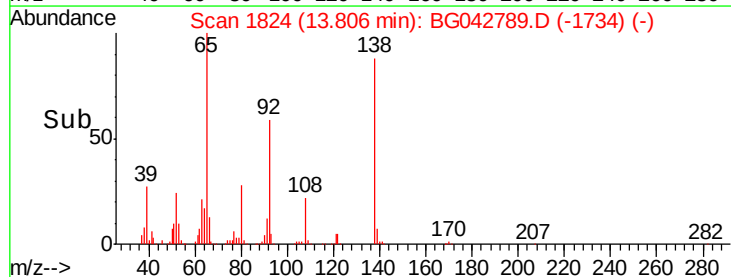
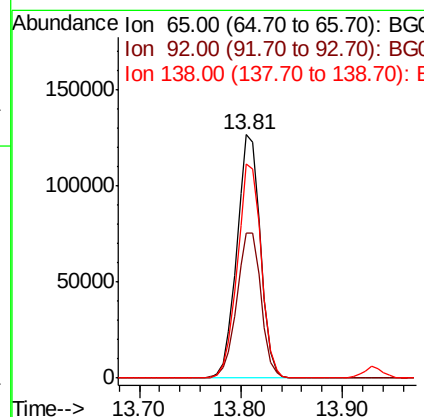
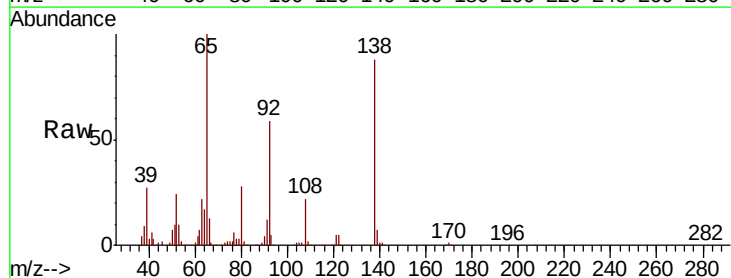
Instrument :
 BNA_G
 ClientSampleId :

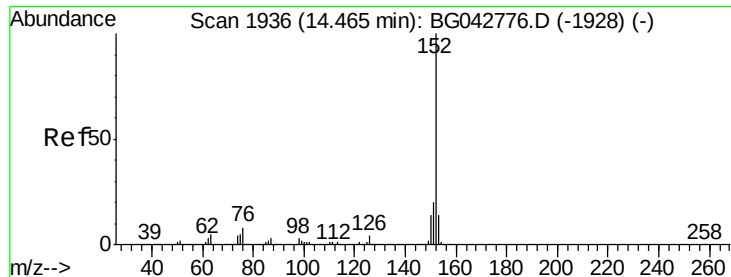
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	29.3	43.9
164	32.0	26.0	39.0



#48
 2-Nitroaniline
 Concen: 47.225 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.4	50.4	75.6
138	88.1	70.6	106.0





#49

Acenaphthylene

Concen: 47.834 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

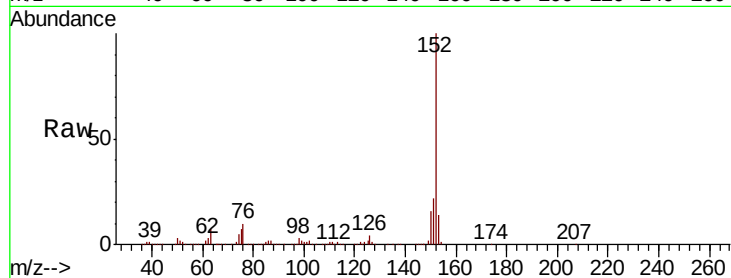
Tot Ion:152 Resp: 908426

Ion Ratio Lower Upper

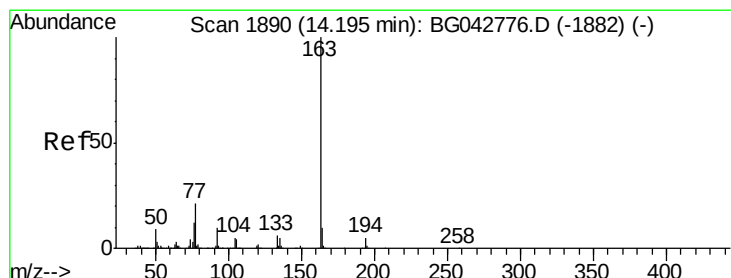
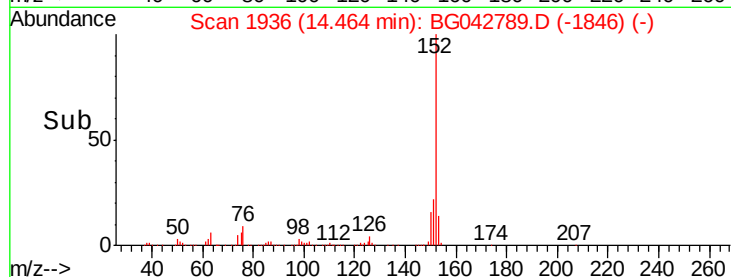
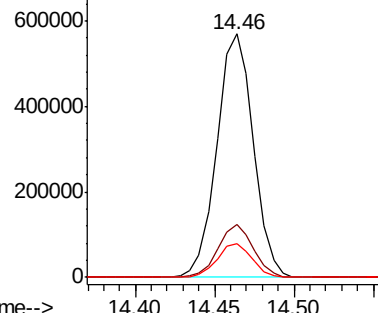
152 100

151 21.9 16.0 24.0

153 13.9 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: 50.779 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

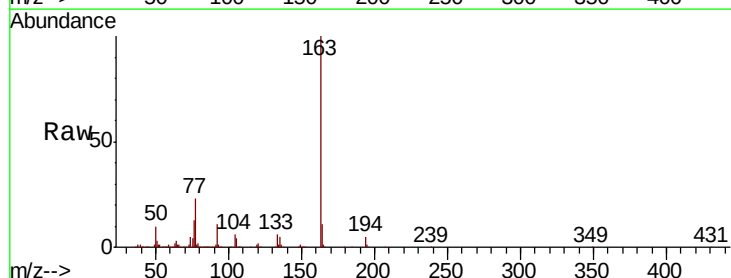
Tgt Ion:163 Resp: 816327

Ion Ratio Lower Upper

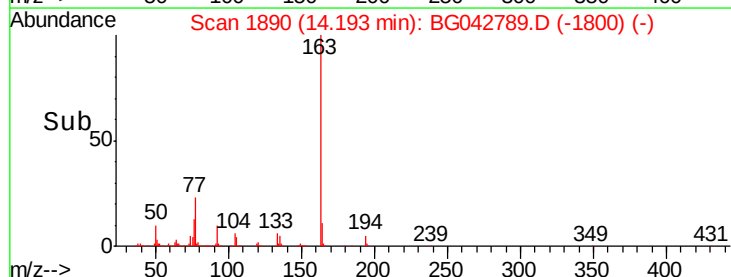
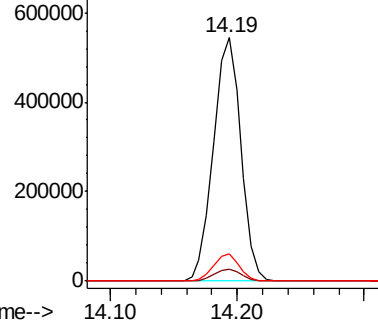
163 100

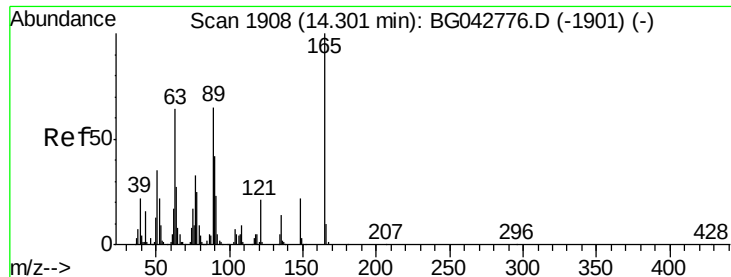
194 4.7 4.2 6.4

164 11.1 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: 50.372 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

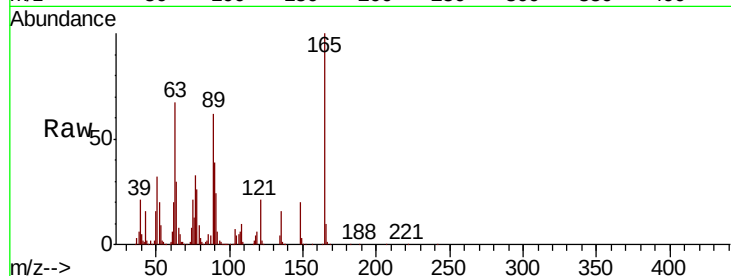
Tot Ion:165 Resp: 166159

Ion Ratio Lower Upper

165 100

63 67.1 52.1 78.1

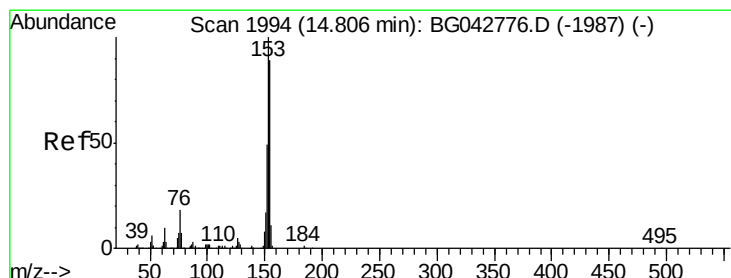
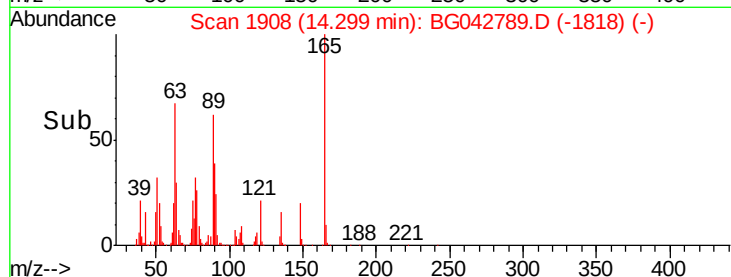
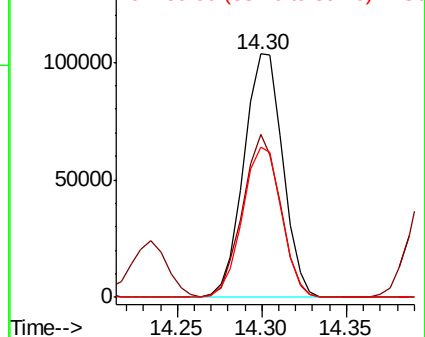
89 61.9 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 50.154 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

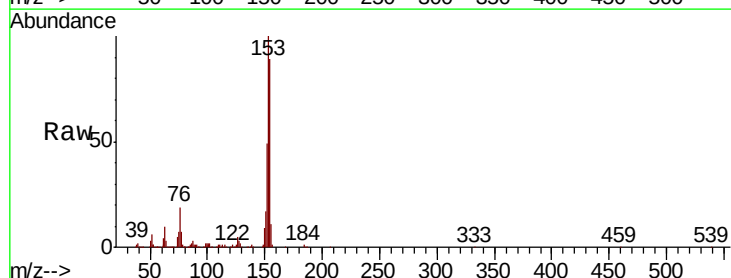
Tgt Ion:154 Resp: 622259

Ion Ratio Lower Upper

154 100

153 112.4 89.4 134.2

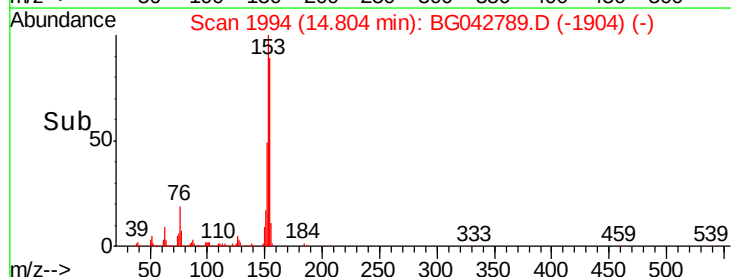
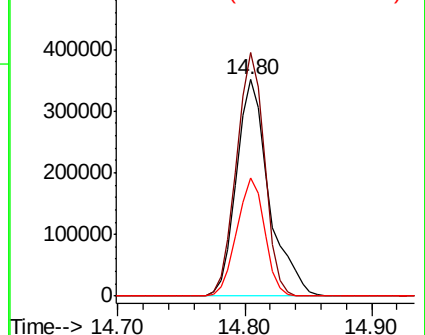
152 54.6 43.5 65.3

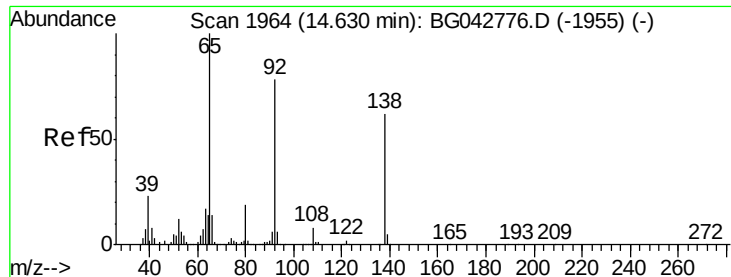


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

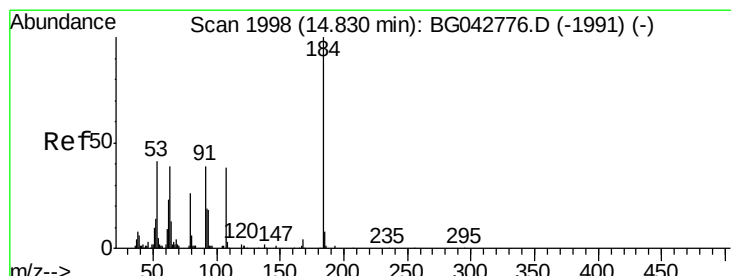
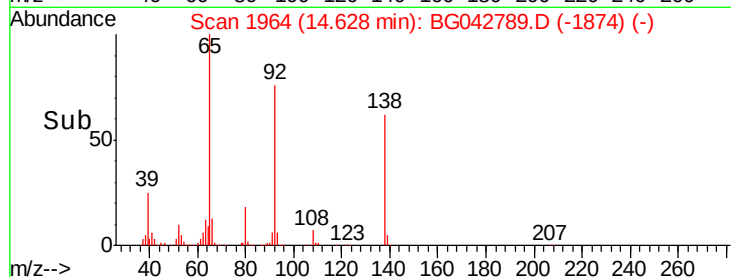
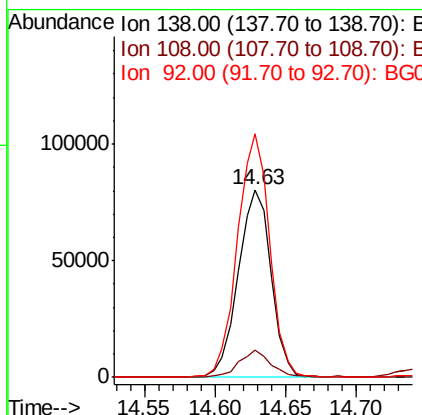
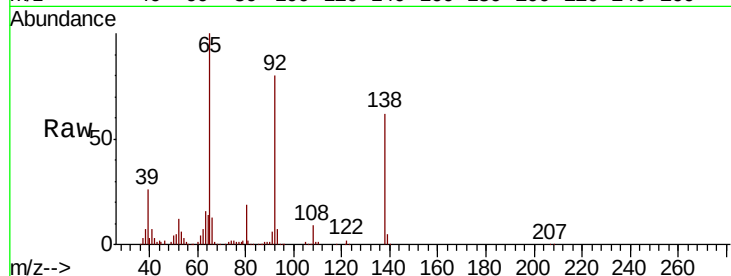




#53
3-Nitroaniline
Concen: 35.305 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

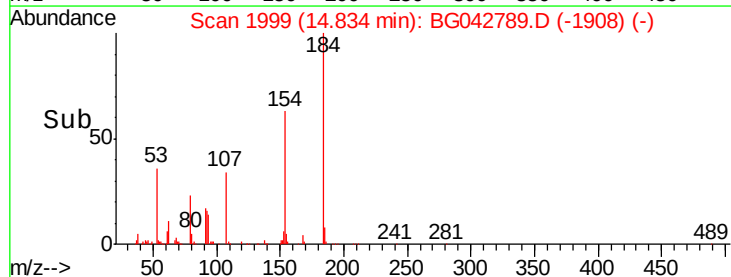
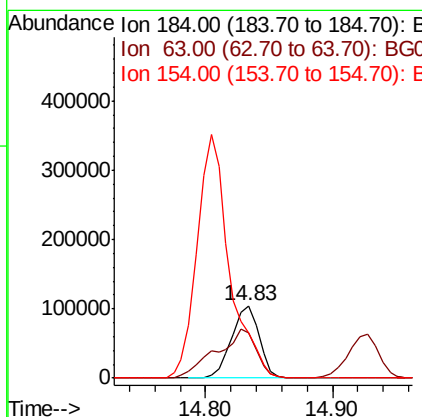
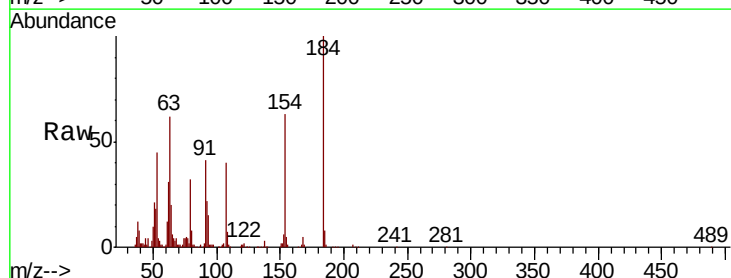
Instrument :
BNA_G
ClientSampleId :

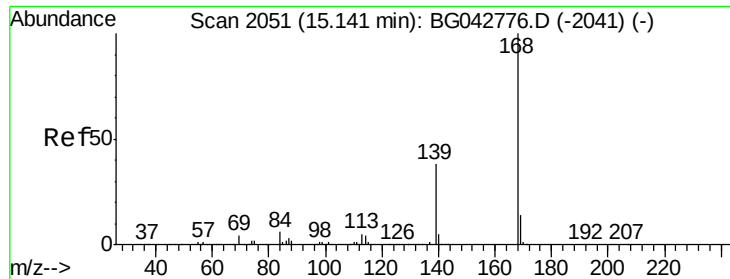
Tot Ion:138 Resp: 130704
Ion Ratio Lower Upper
138 100
108 14.5 10.7 16.1
92 129.6 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 96.989 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion:184 Resp: 157498
Ion Ratio Lower Upper
184 100
63 61.7 46.2 69.4
154 62.5 81.3 121.9#

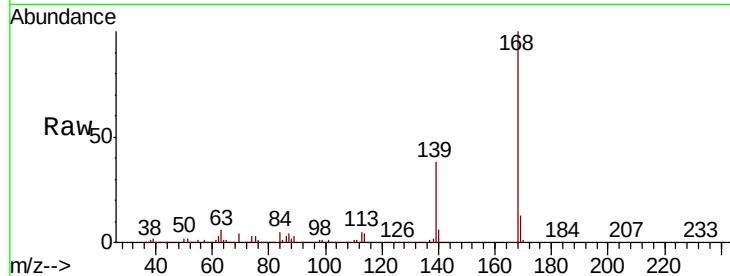




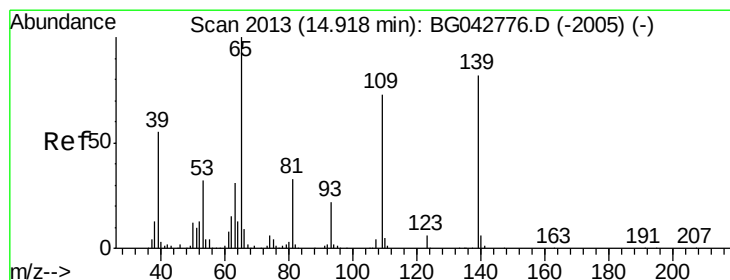
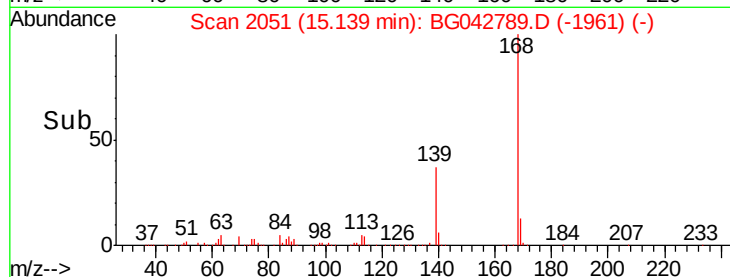
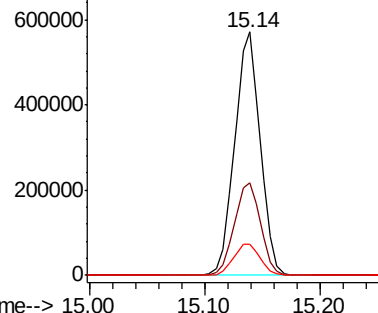
#55
Dibenzenofuran
Concen: 47.688 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 879446
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.0 11.2 16.8

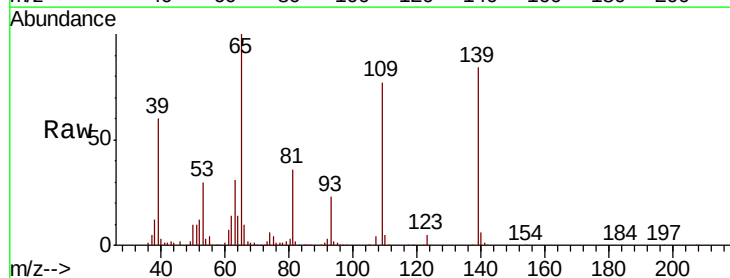


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

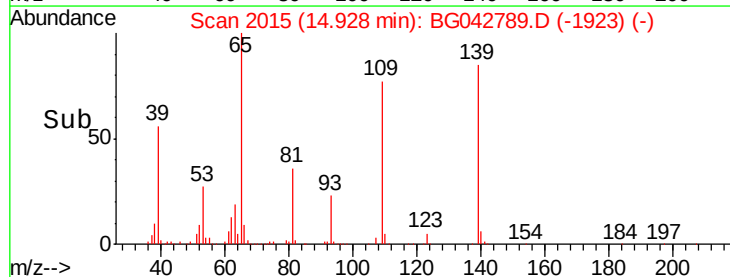
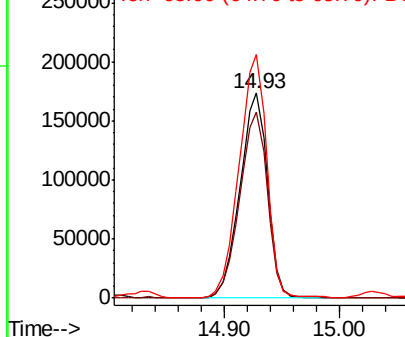


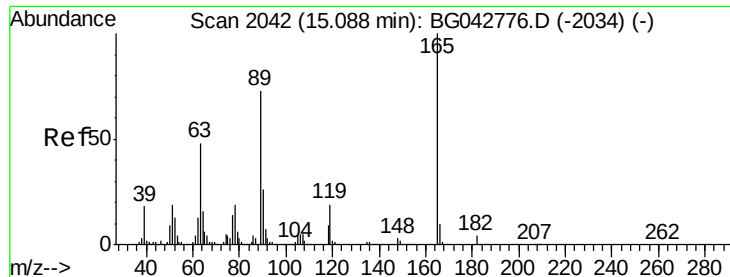
#56
4-Nitrophenol
Concen: 100.052 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion:139 Resp: 286394
Ion Ratio Lower Upper
139 100
109 91.0 69.4 109.4
65 118.8 102.5 142.5



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): BGC

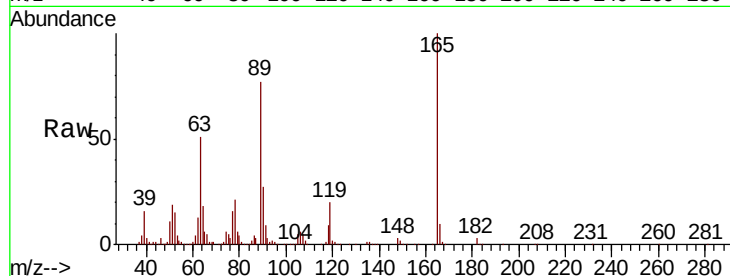




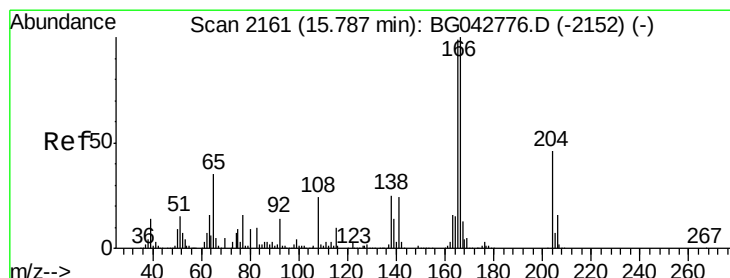
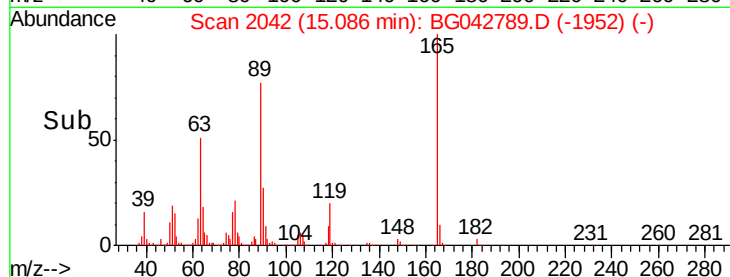
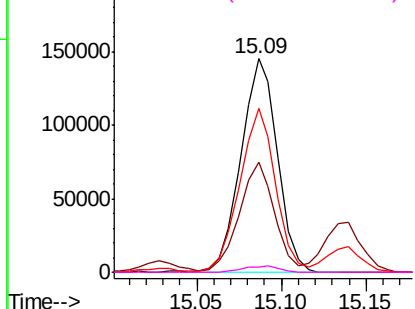
#57
 2,4-Dinitrotoluene
 Concen: 49.348 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	216975
Ion	Ratio	Lower Upper
165	100	
63	51.3	38.3 57.5
89	76.7	58.4 87.6
182	2.7	2.9 4.3#

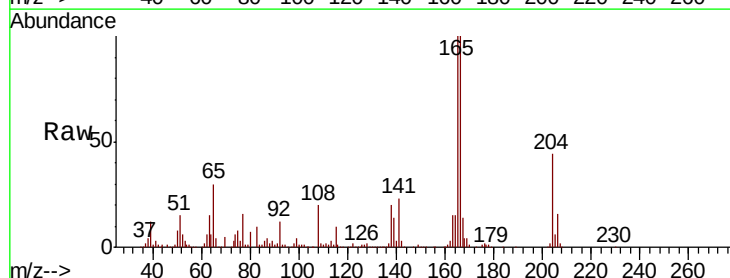


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

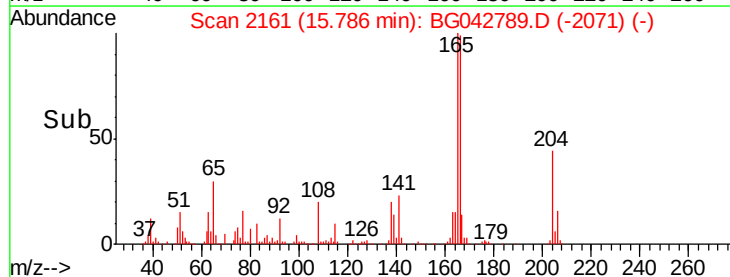
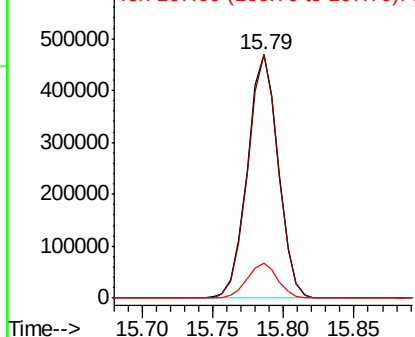


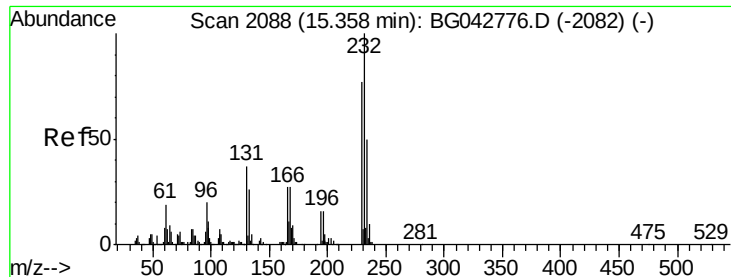
#58
 Fluorene
 Concen: 47.022 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion:166	Resp:	718679
Ion	Ratio	Lower Upper
166	100	
165	100.2	79.1 118.7
167	14.4	10.7 16.1



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.688 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 237607

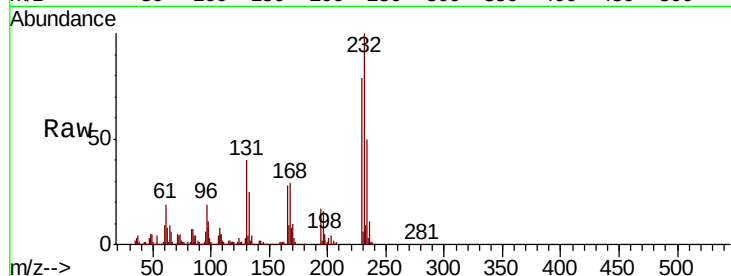
Ion Ratio Lower Upper

232 100

131 38.4 31.1 46.7

130 2.4 1.8 2.6

166 27.4 21.7 32.5

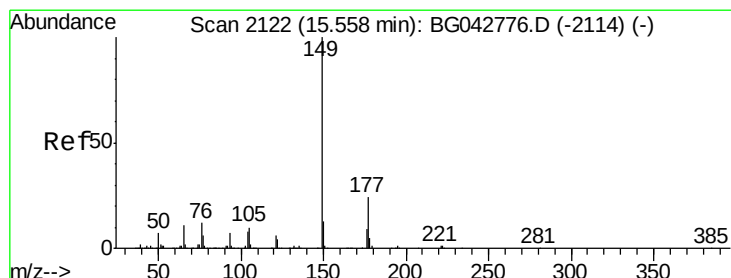
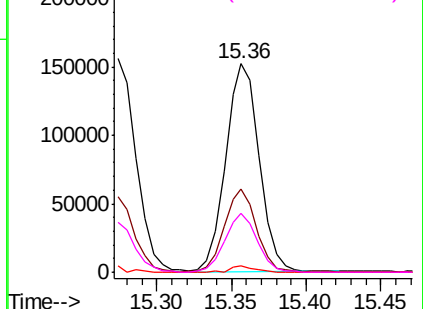
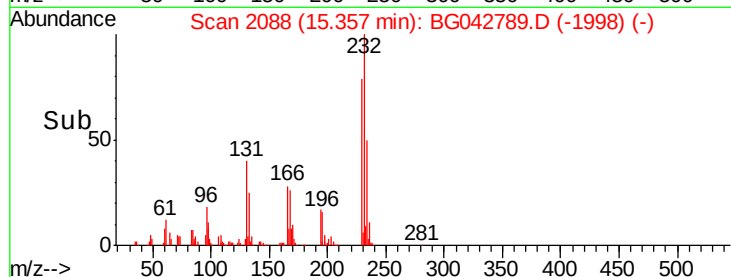


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.387 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

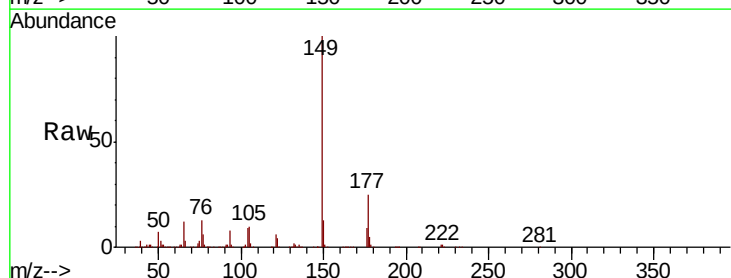
Tgt Ion:149 Resp: 740651

Ion Ratio Lower Upper

149 100

177 25.3 19.4 29.0

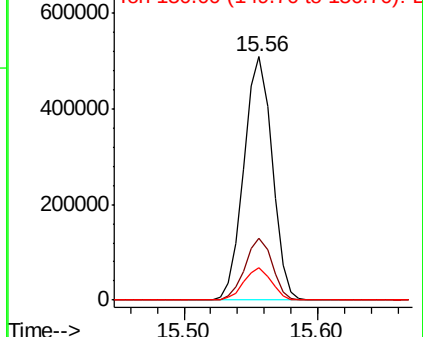
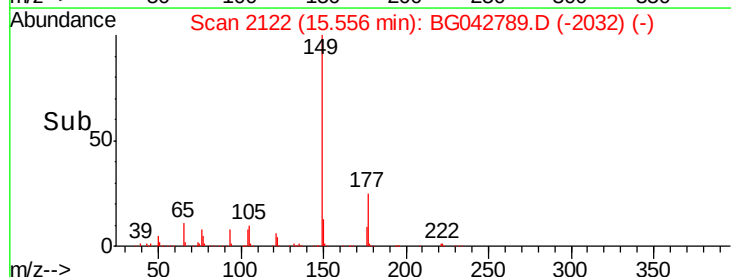
150 13.1 10.2 15.4

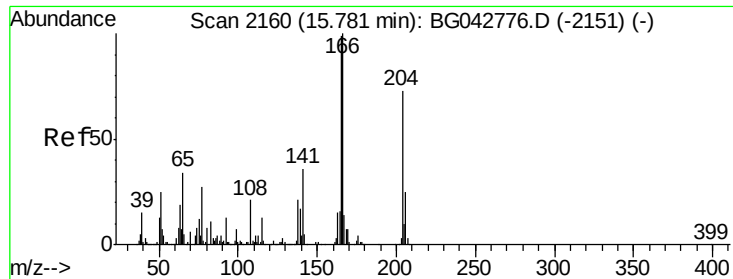


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

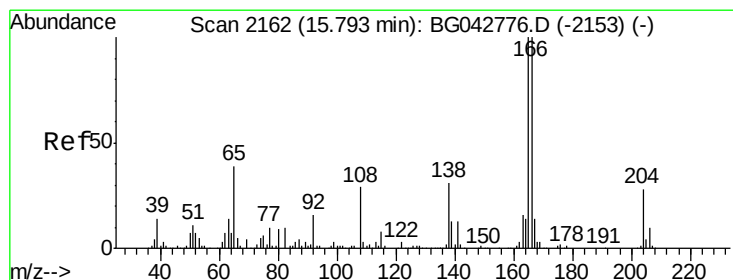
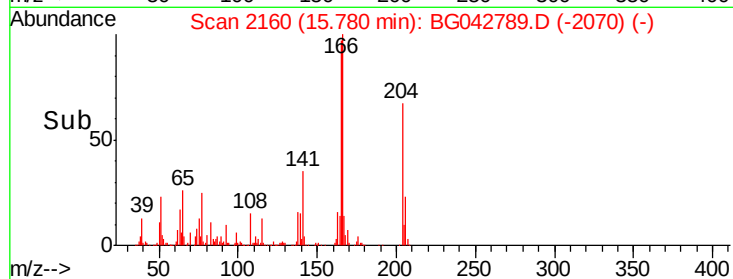
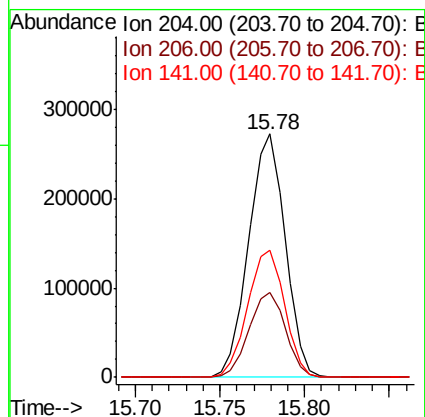
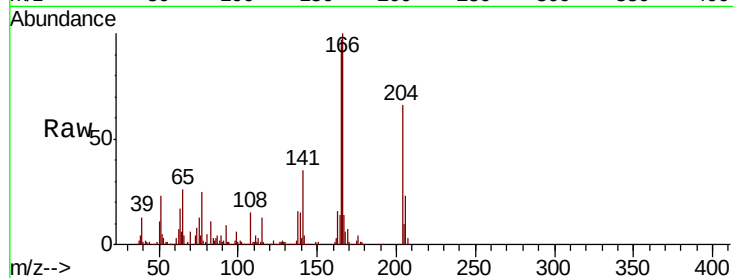




#61
4-Chlorophenyl-phenylether
Concen: 45.421 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

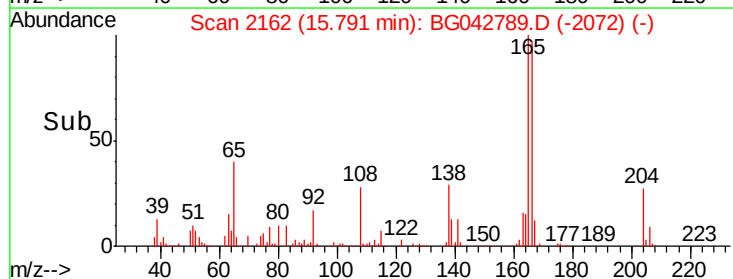
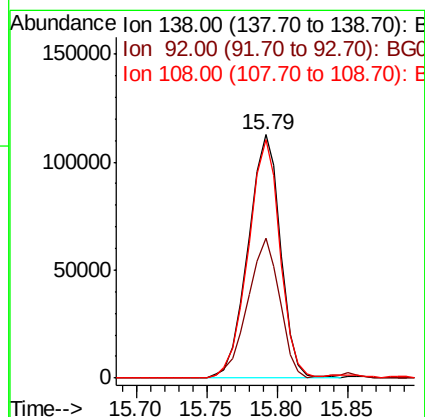
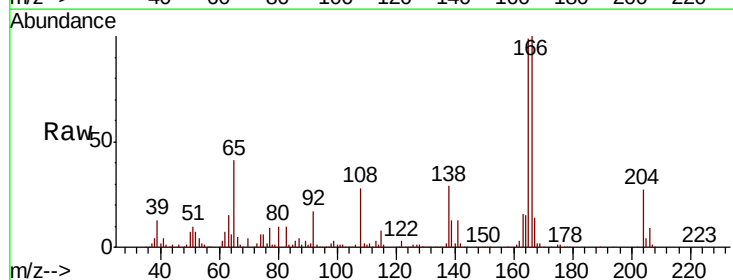
Instrument :
BNA_G
ClientSampled :

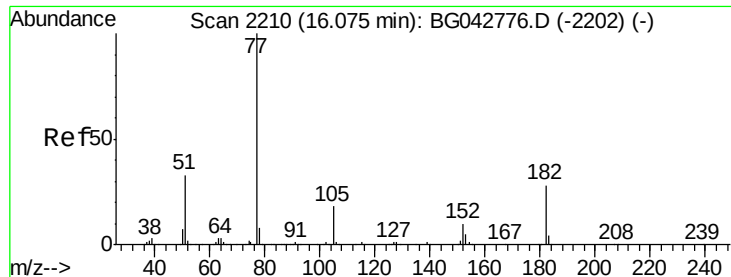
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	52.3	39.8	59.6



#62
4-Nitroaniline
Concen: 45.442 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.7	31.4	71.4
108	98.1	74.8	114.8





#63

Azobenzene

Concen: 47.491 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 746273

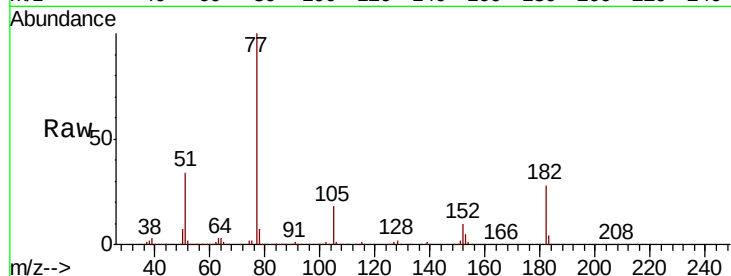
Ion Ratio Lower Upper

77 100

182 28.4 8.1 48.1

105 18.3 0.0 38.1

51 33.8 12.9 52.9

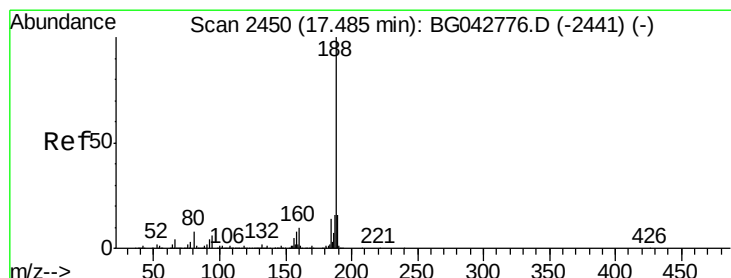
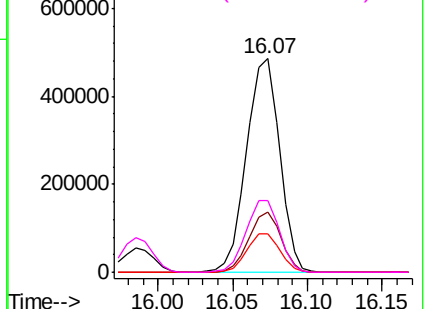
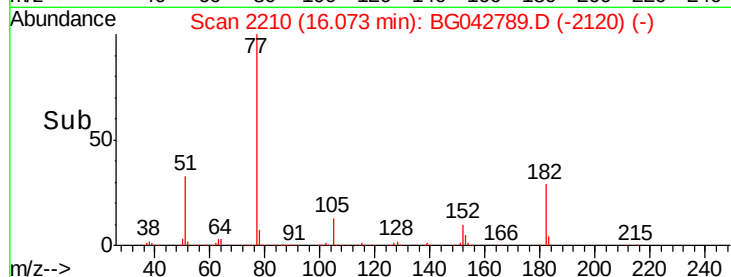


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2450

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

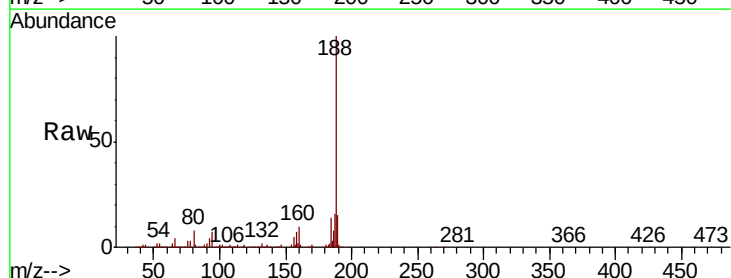
Tgt Ion: 188 Resp: 495139

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

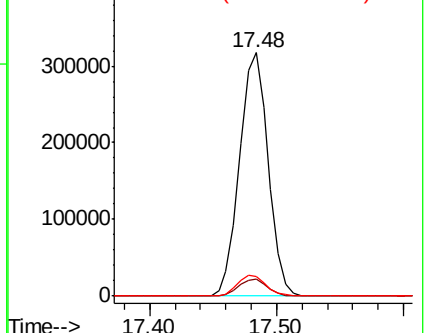
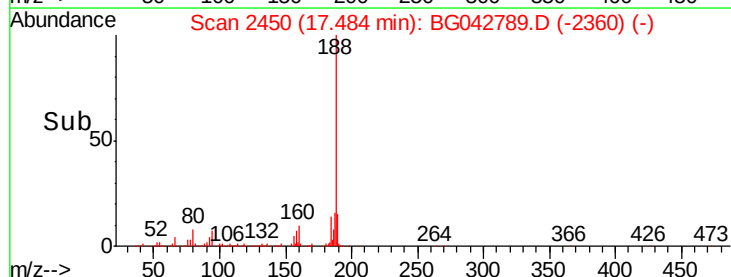
80 8.0 6.6 9.8

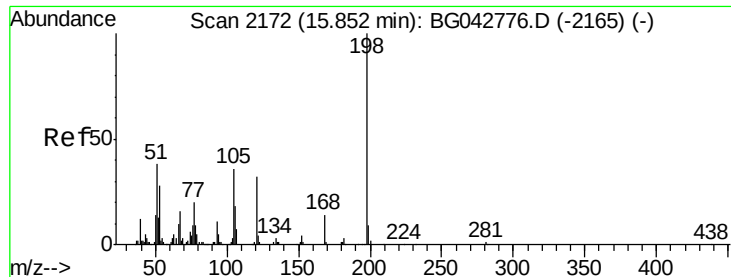


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 55.829 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

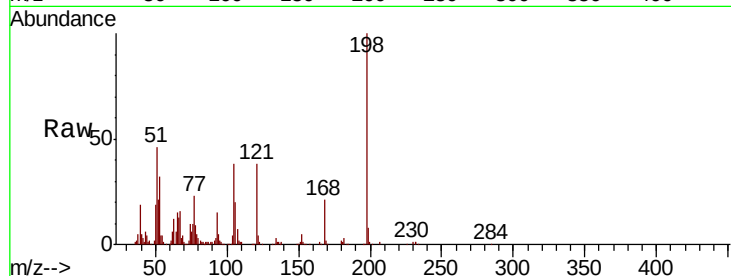
Tot Ion:198 Resp: 118280

Ion	Ratio	Lower	Upper
198	100		
51	45.8	20.9	60.9
105	38.2	16.4	56.4

198 100

51 45.8 20.9 60.9

105 38.2 16.4 56.4

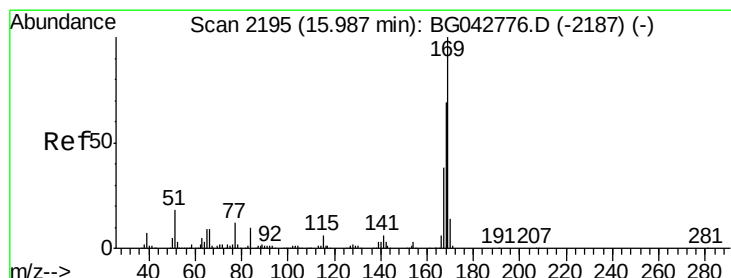
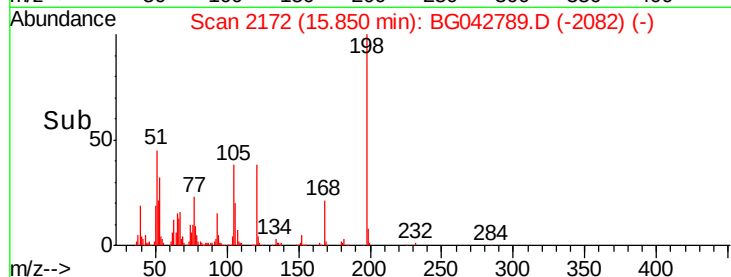
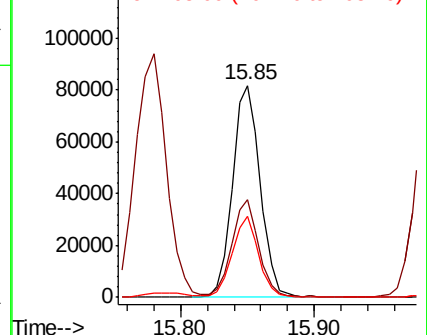


Abundance

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: 49.104 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

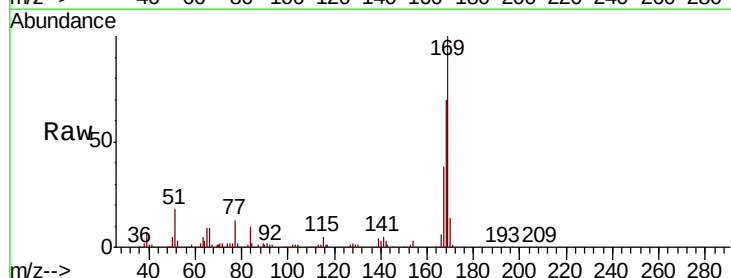
Tgt Ion:169 Resp: 654255

Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.4	83.2
167	38.1	30.4	45.6

169 100

168 69.5 55.4 83.2

167 38.1 30.4 45.6

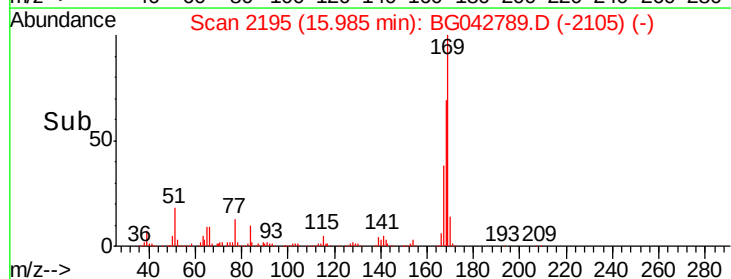
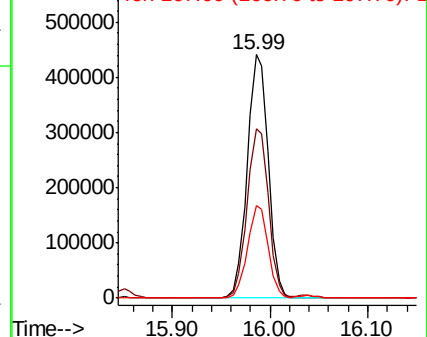


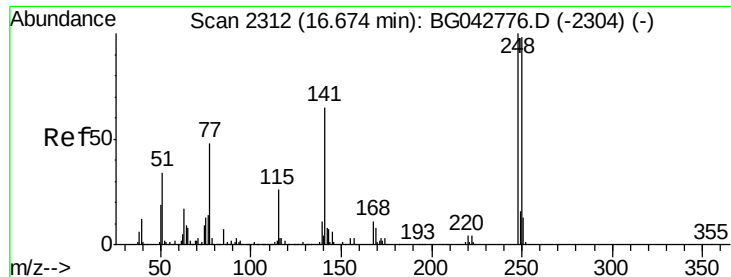
Abundance

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

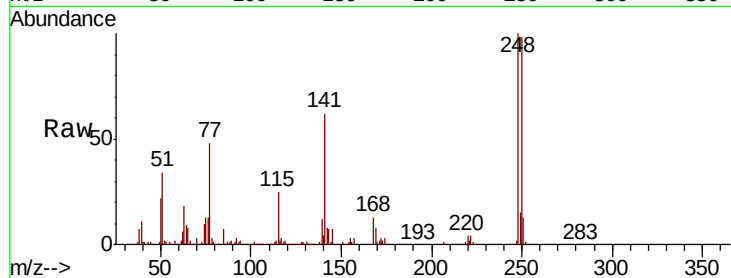




#67
4-Bromophenyl-phenylether
Concen: 46.000 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	61.8	51.8	77.6

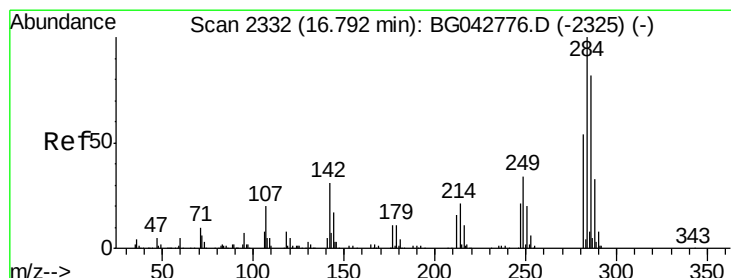
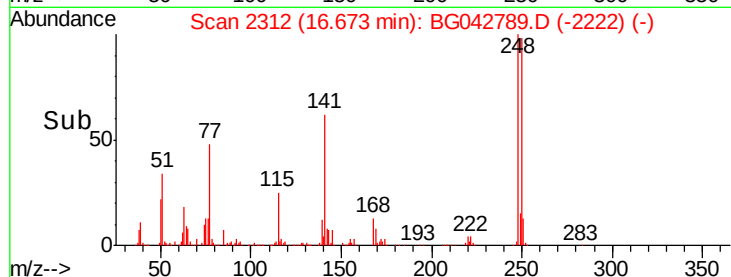
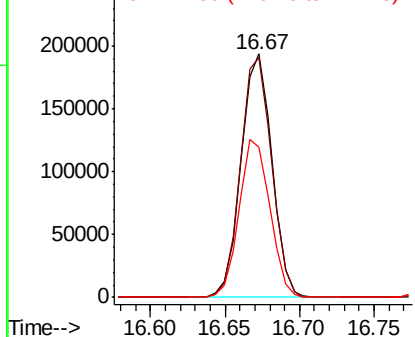


Abundance

Ion 248.00 (247.70 to 248.70): E

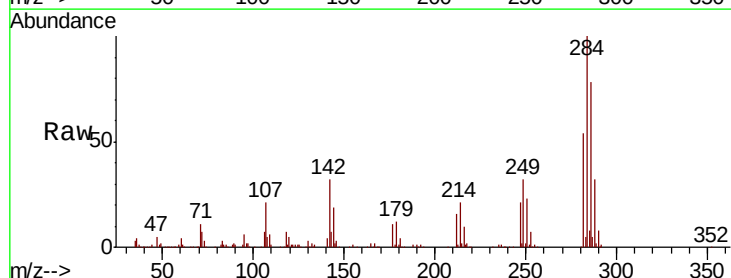
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.852 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	24.7	37.1
249	31.6	27.0	40.4

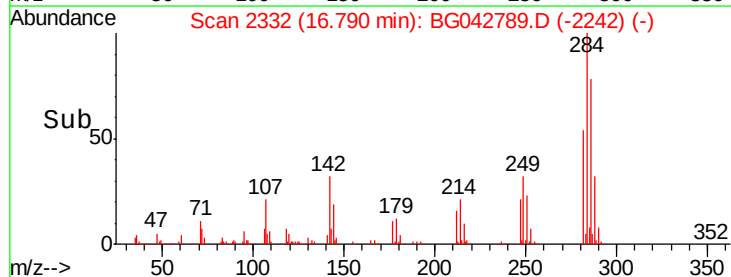
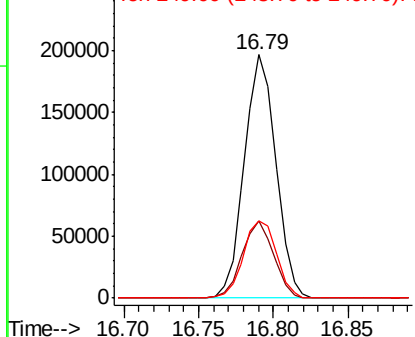


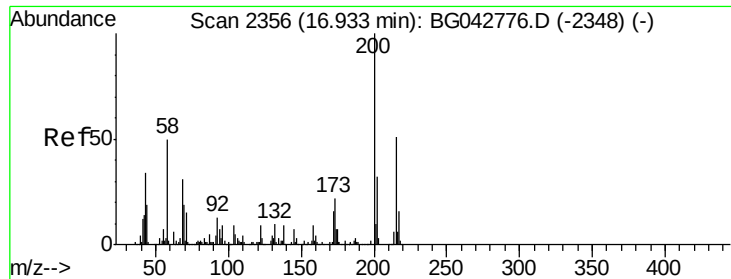
Abundance

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: 54.769 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

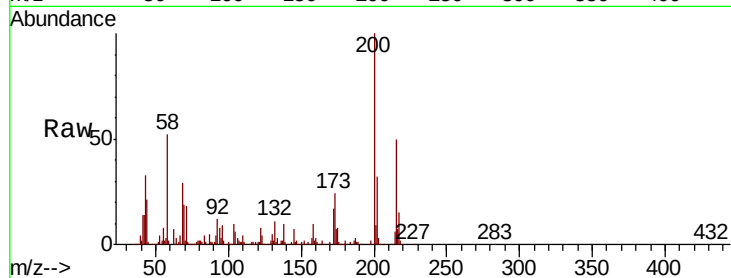
Tot Ion:200 Resp: 254118

Ion Ratio Lower Upper

200 100

173 23.8 2.5 42.5

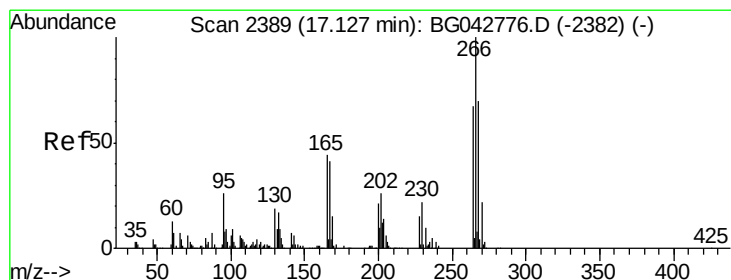
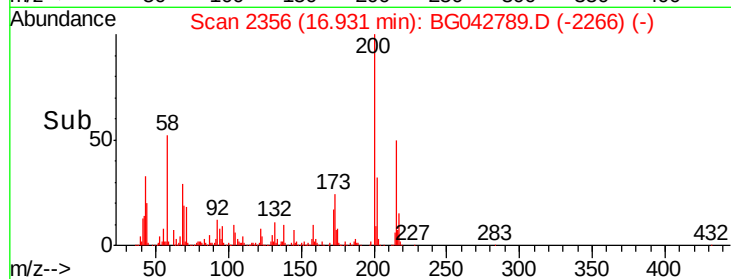
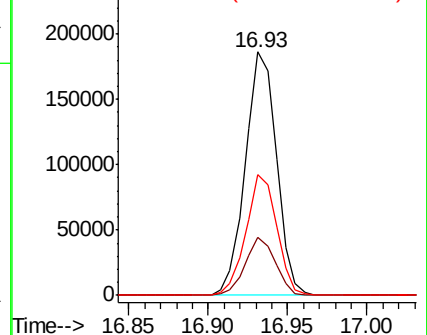
215 49.5 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 105.303 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

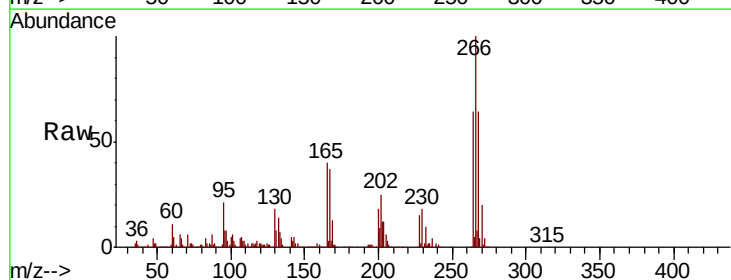
Tgt Ion:266 Resp: 400032

Ion Ratio Lower Upper

266 100

268 63.8 56.2 84.4

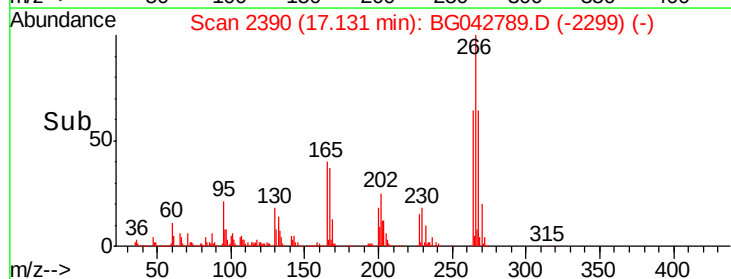
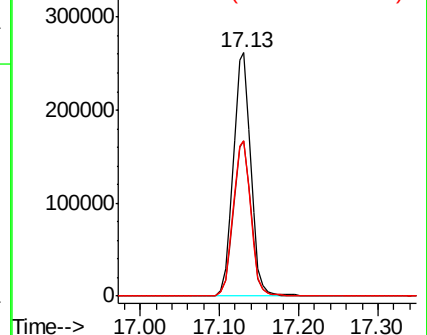
264 63.6 53.4 80.2

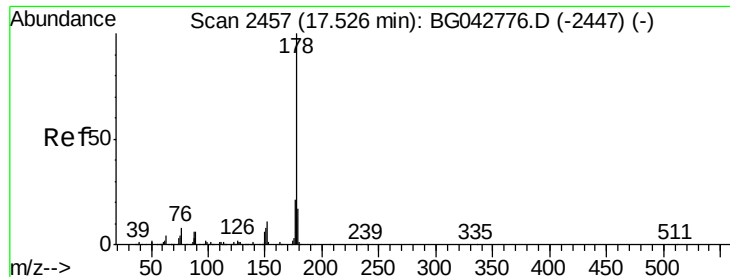


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.333 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

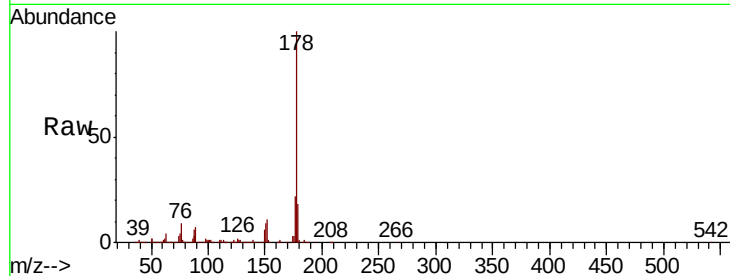
Tot Ion:178 Resp: 1144501

Ion Ratio Lower Upper

178 100

176 21.8 17.0 25.4

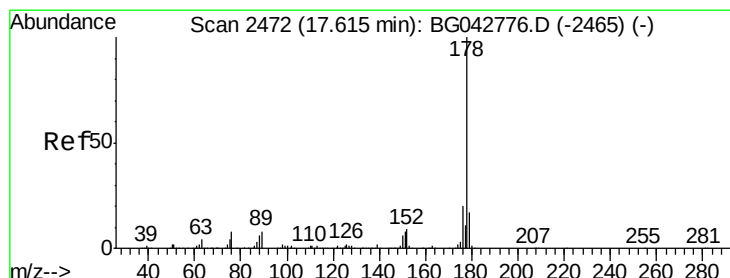
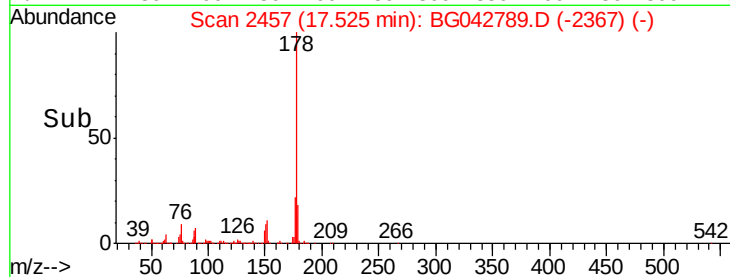
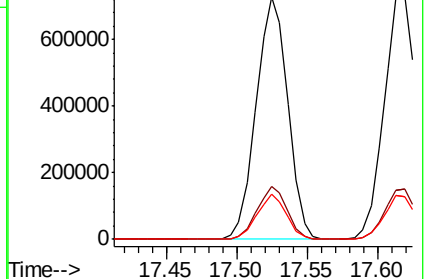
179 18.4 13.6 20.4



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



#72

Anthracene

Concen: 49.530 ng

RT: 17.62 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

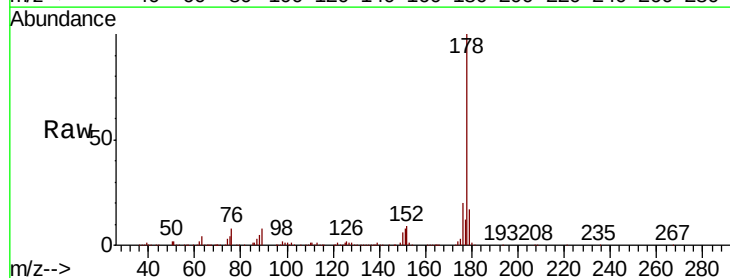
Tgt Ion:178 Resp: 1171730

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

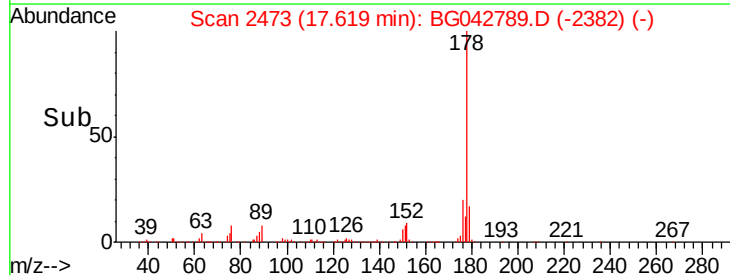
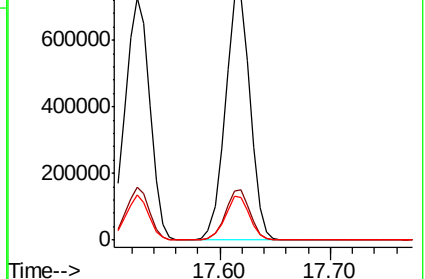
179 17.5 13.6 20.4

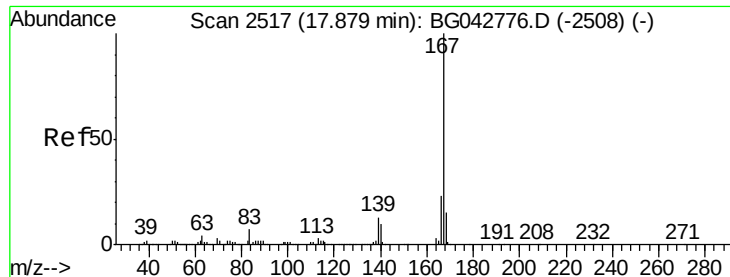


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

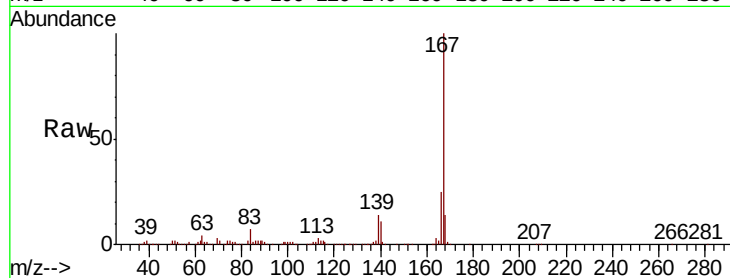




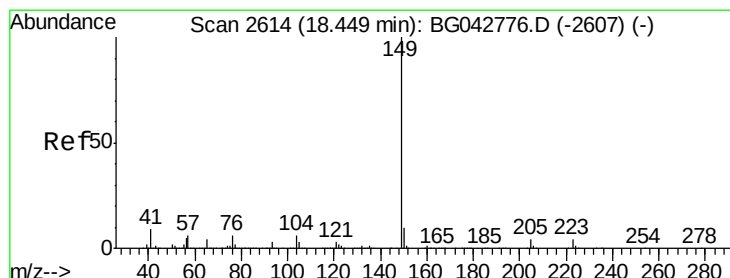
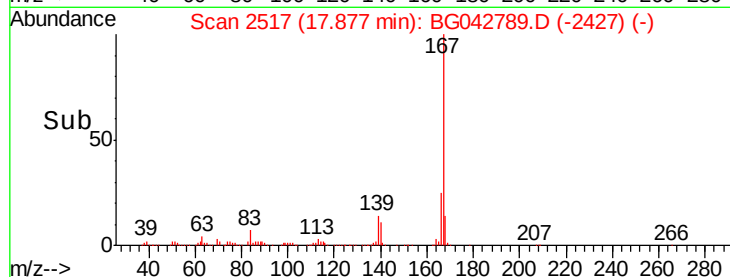
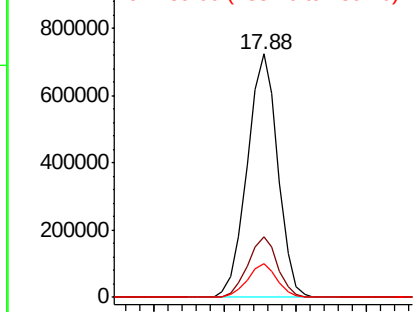
#73
 Carbazole
 Concen: 48.946 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1100559
 Ion Ratio Lower Upper
 167 100
 166 24.9 18.3 27.5
 139 13.9 10.2 15.4

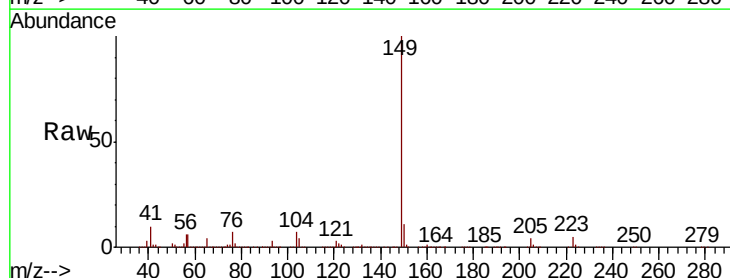


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

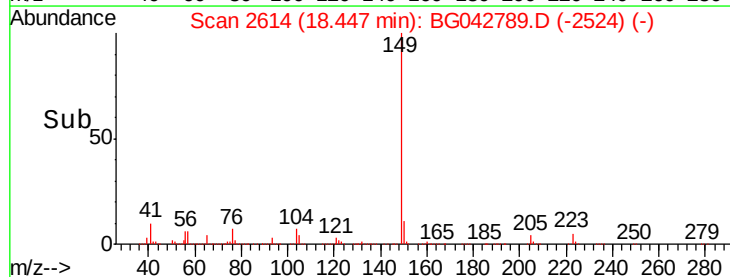
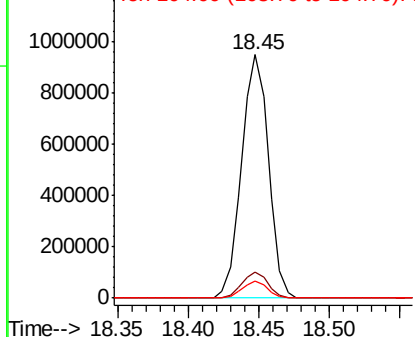


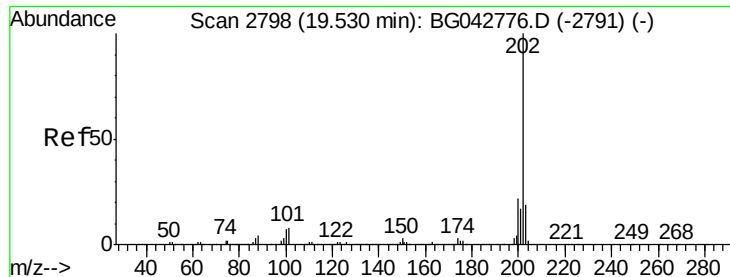
#74
 Di-n-butylphthalate
 Concen: 46.878 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG042789.D
 Acq: 12 Sep 2019 19:34

Tgt Ion:149 Resp: 1262665
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.0 12.0
 104 7.0 5.1 7.7



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





#75

Fluoranthene

Concen: 49.471 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

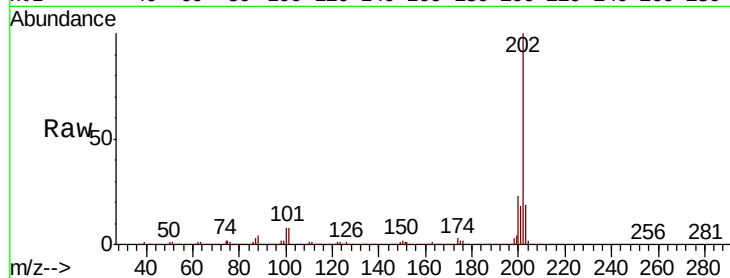
Tot Ion:202 Resp: 1518227

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.8

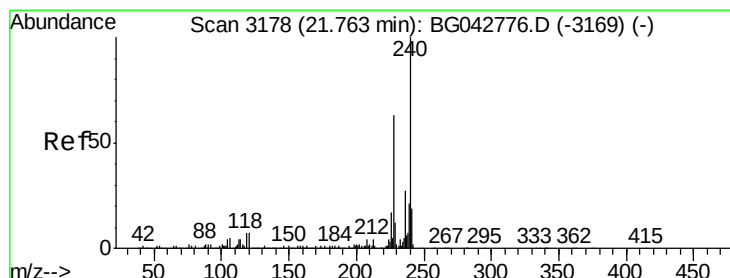
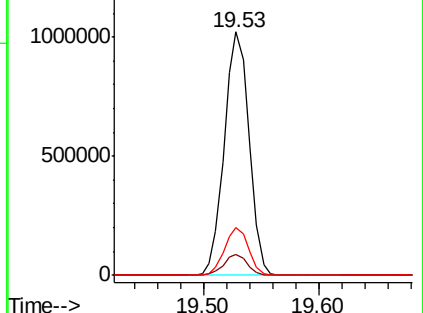
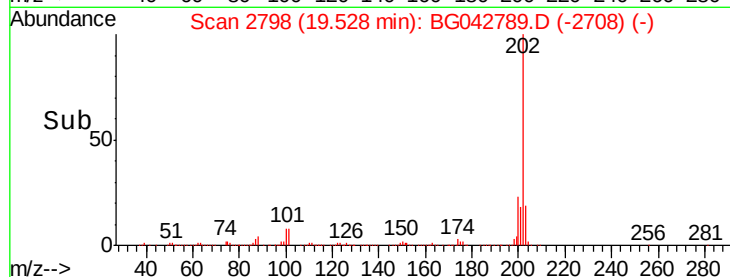
203 19.4 0.0 39.1



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: BG042789.D

Acq: 12 Sep 2019 19:34

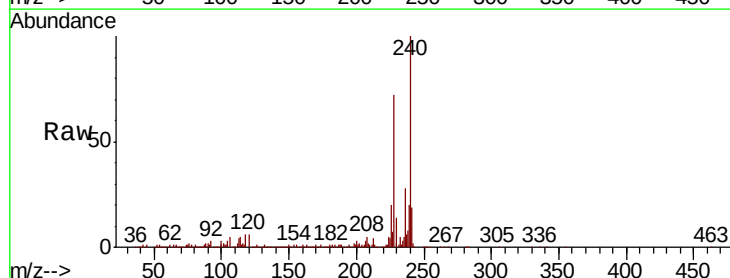
Tgt Ion:240 Resp: 497211

Ion Ratio Lower Upper

240 100

120 6.2 5.4 8.2

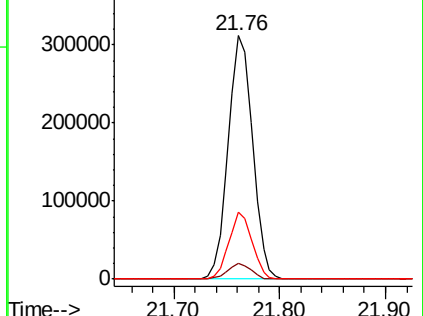
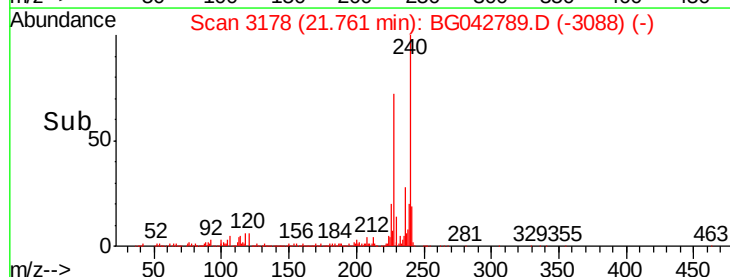
236 27.5 21.7 32.5

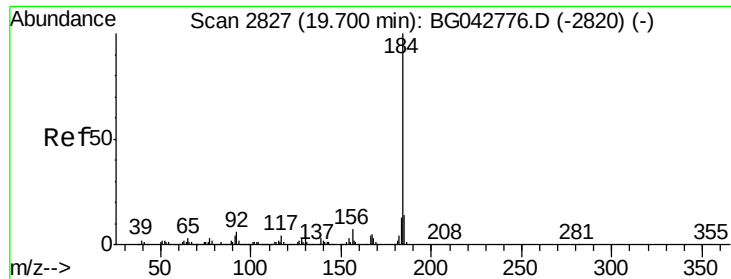


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.762 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

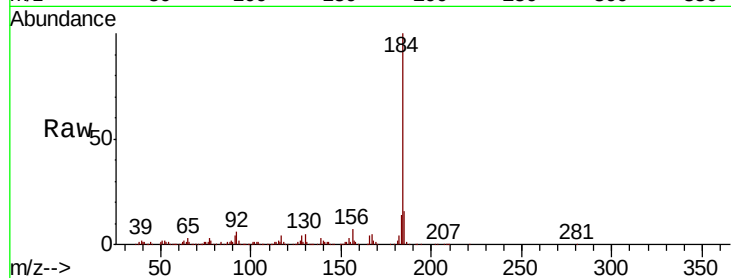
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 802405

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.6	17.4
183	13.8	10.4	15.6

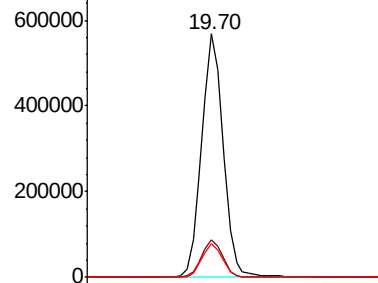


Abundance

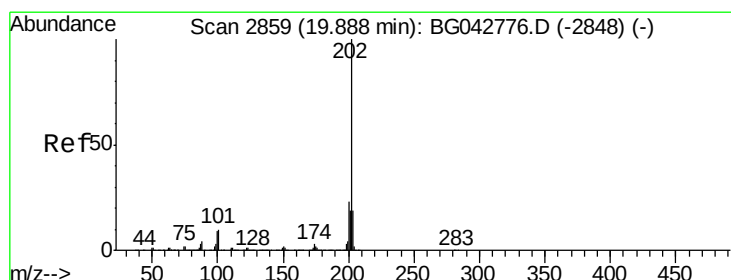
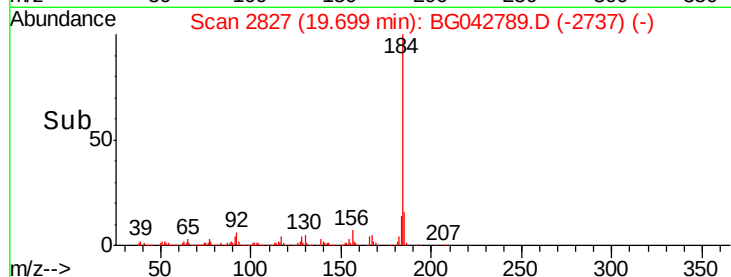
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 48.659 ng

RT: 19.89 min Scan# 2860

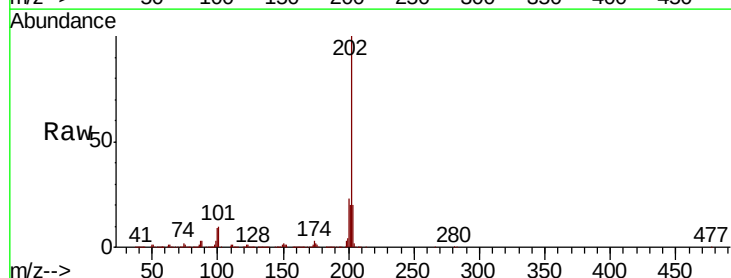
Delta R.T. 0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:202 Resp: 1514702

Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.5	27.7
203	19.8	15.3	22.9

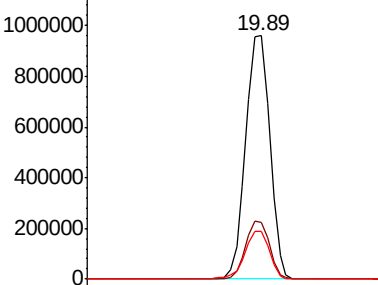


Abundance

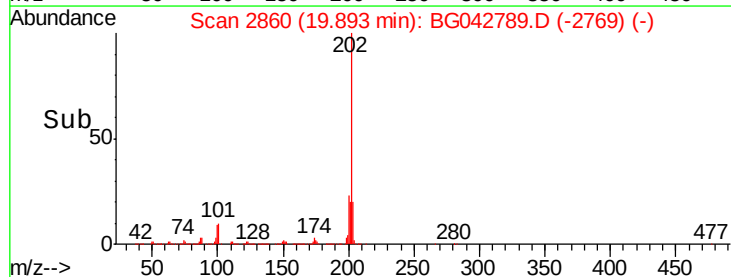
Ion 202.00 (201.70 to 202.70): E

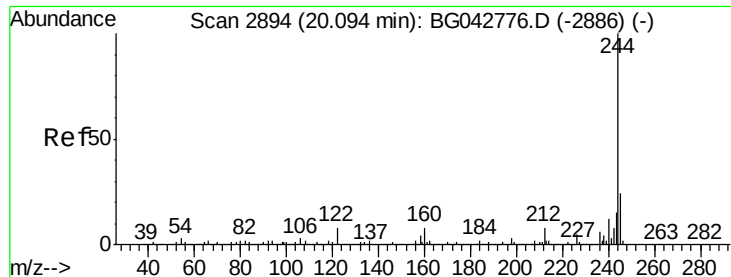
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 66.826 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

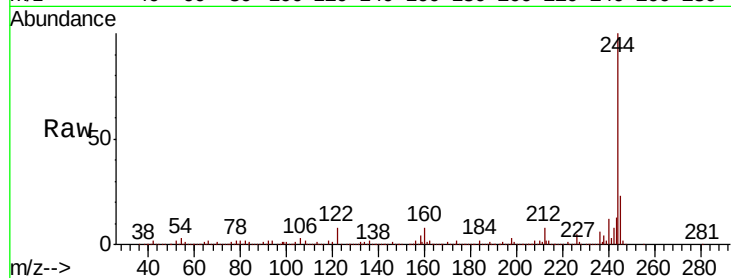
Tot Ion:244 Resp: 1499218

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

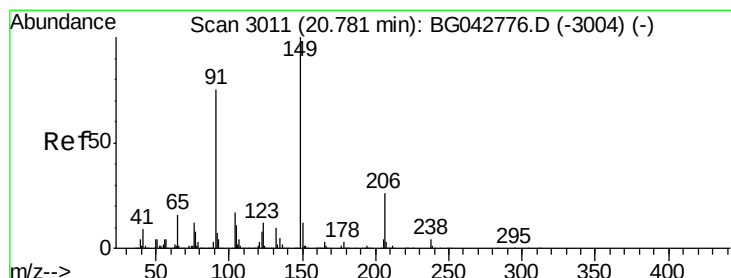
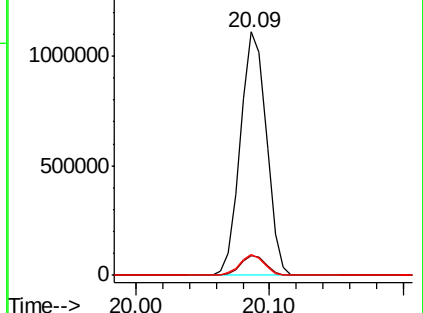
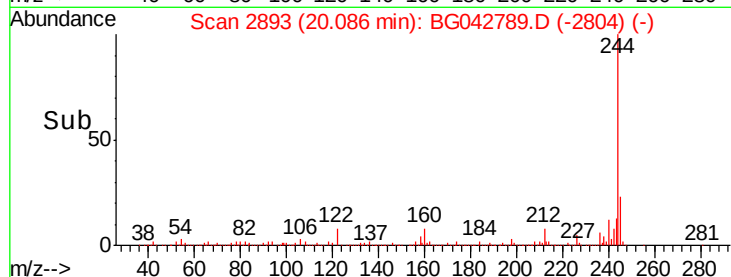
122 8.4 6.2 9.4



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: 47.330 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

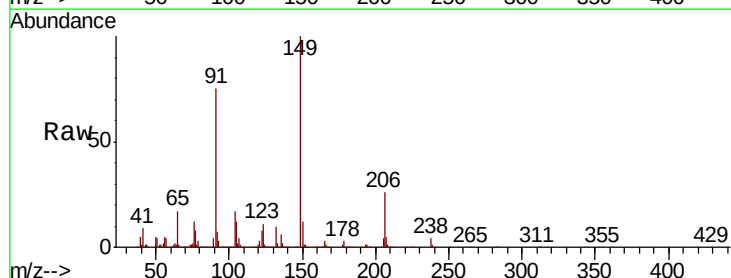
Tgt Ion:149 Resp: 596263

Ion Ratio Lower Upper

149 100

91 74.8 60.2 90.2

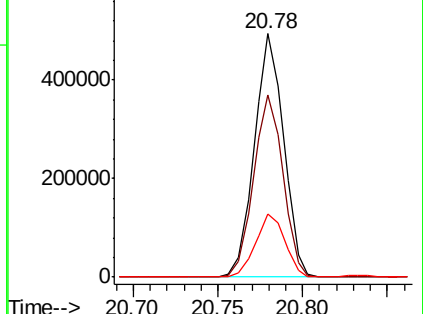
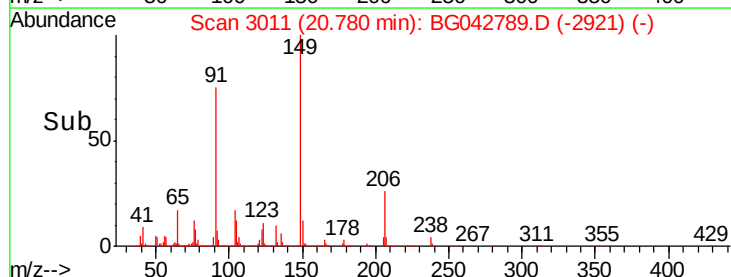
206 26.1 20.6 30.8

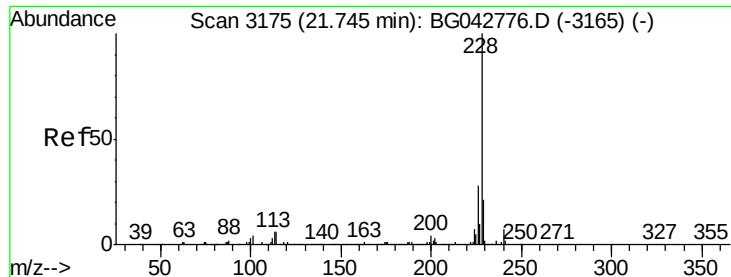


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

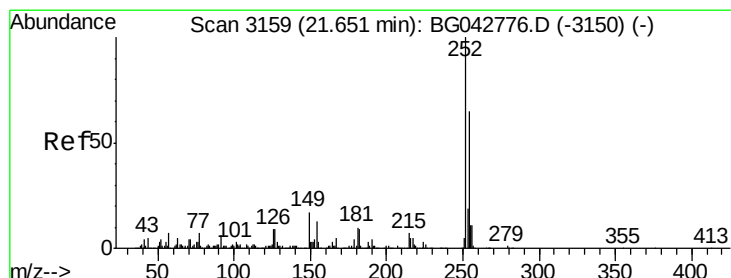
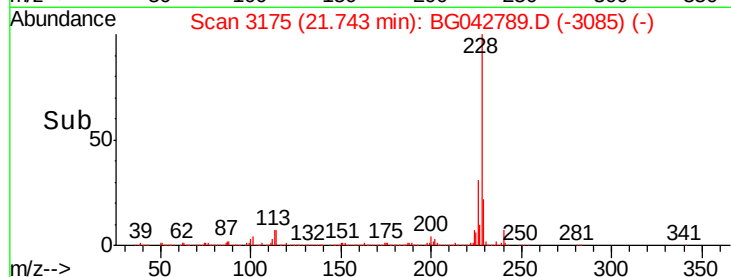
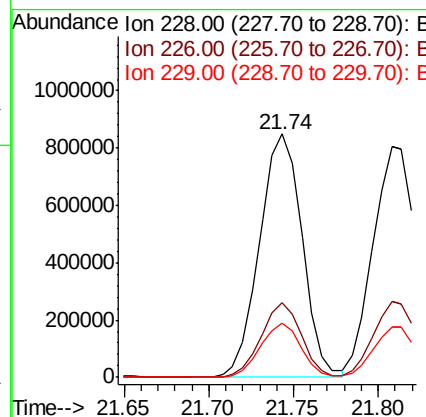
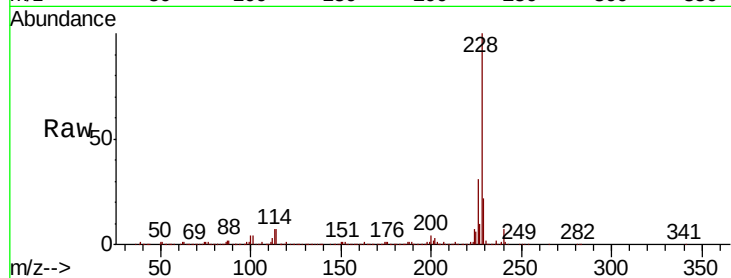




#81
Benzo(a)anthracene
Concen: 47.108 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

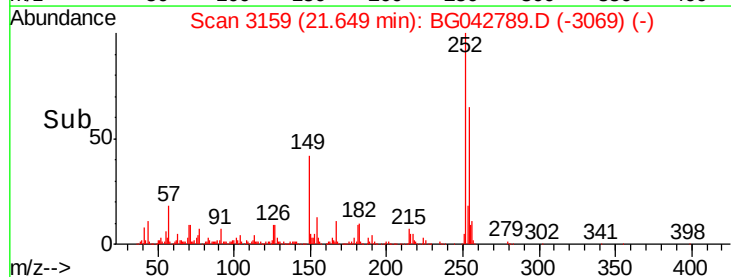
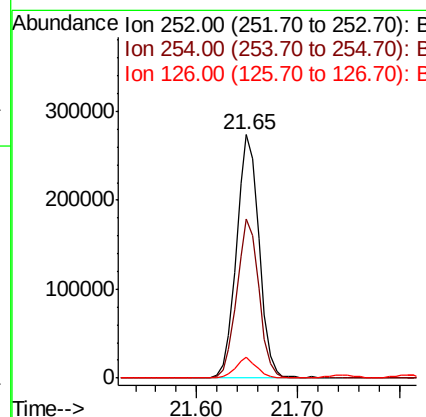
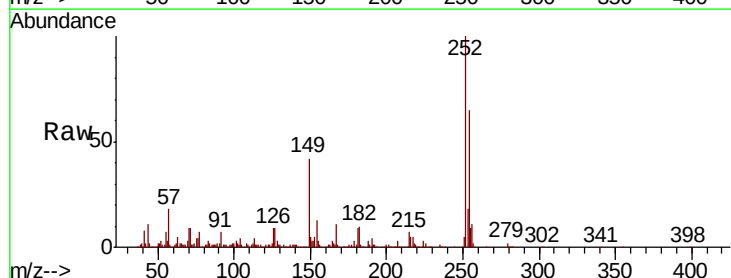
Instrument :
BNA_G
ClientSampleId :

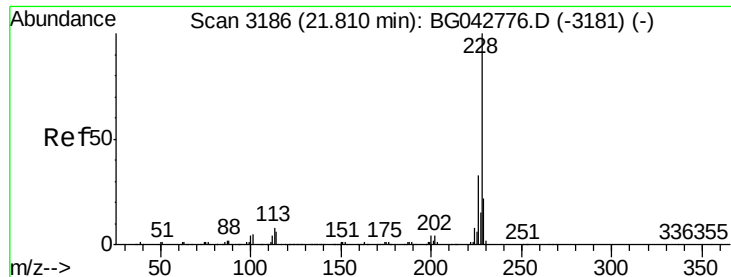
Tot Ion:228 Resp: 1489261
Ion Ratio Lower Upper
228 100
226 30.6 22.5 33.7
229 22.5 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 34.387 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion:252 Resp: 422459
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.2
126 8.6 7.0 10.4





#83

Chrysene

Concen: 47.413 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

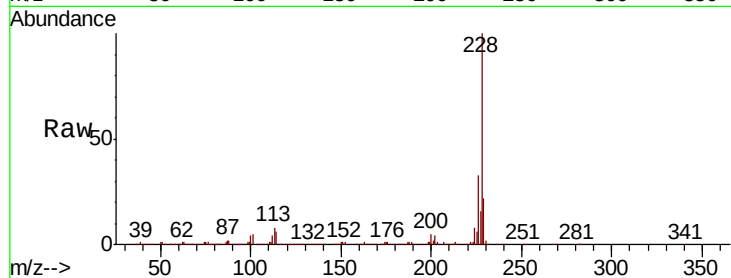
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1419777

Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.0	39.0
229	21.7	17.1	25.7

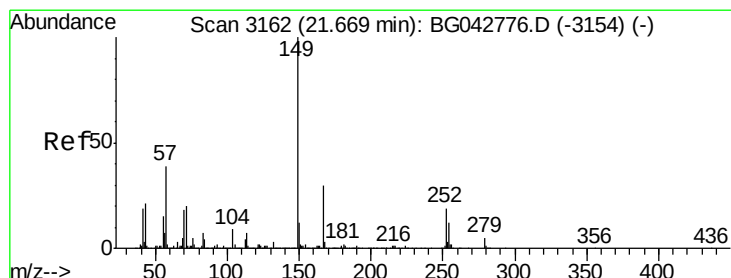
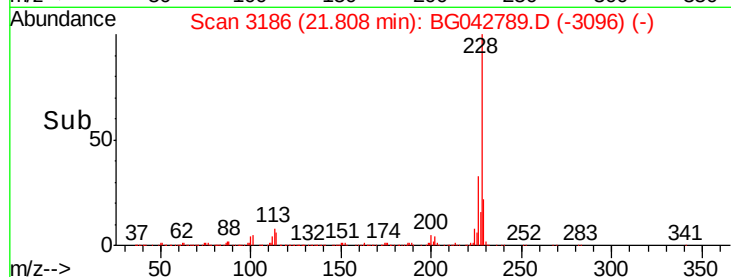
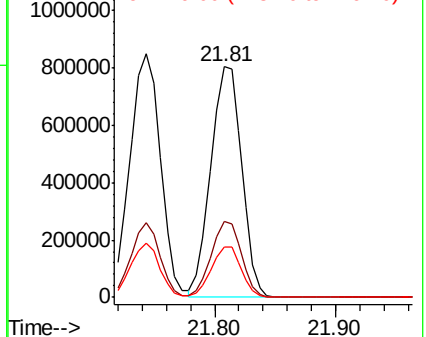


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.893 ng

RT: 21.67 min Scan# 3162

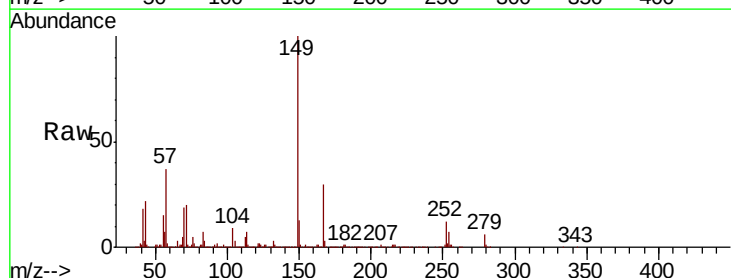
Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:149 Resp: 824412

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	6.3	4.2	6.4

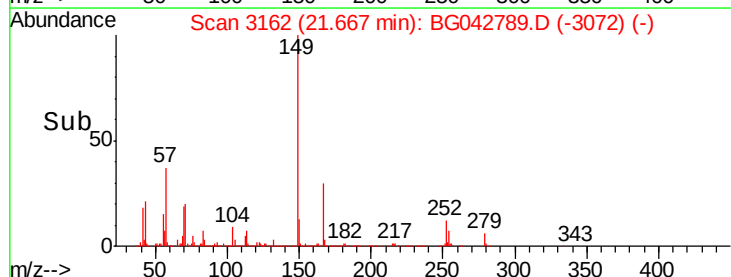
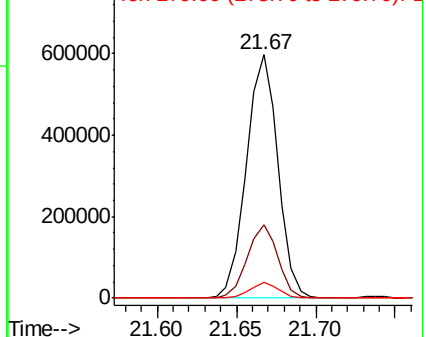


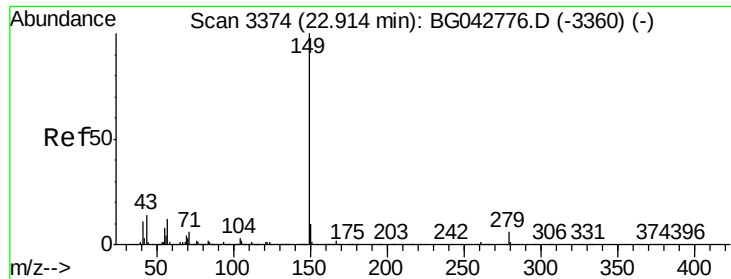
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.548 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

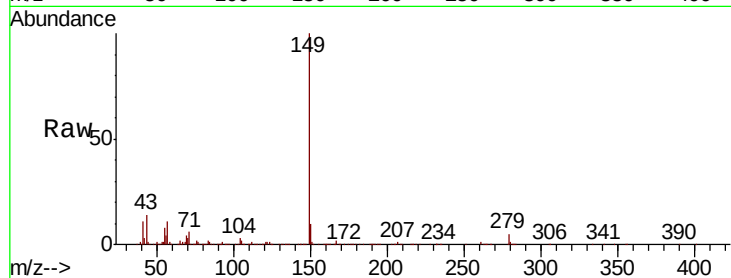
Tot Ion:149 Resp: 1424633

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

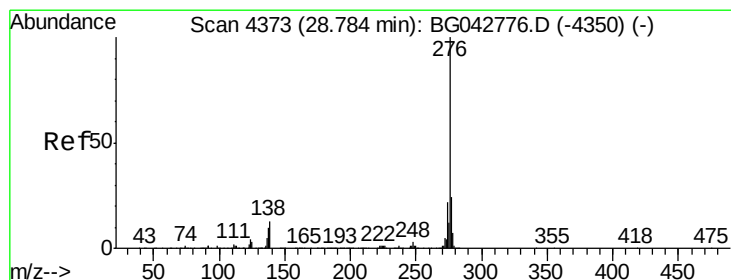
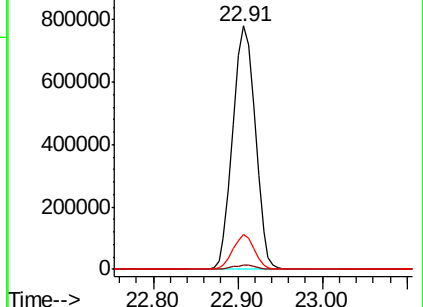
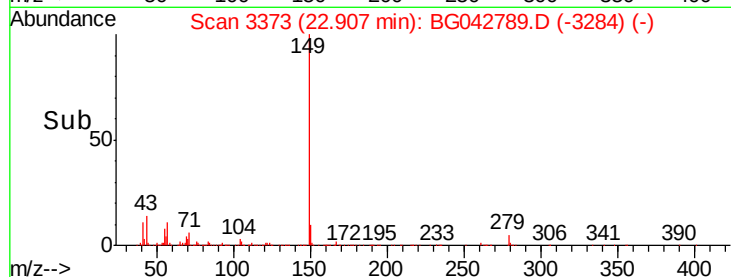
43 13.4 10.6 15.8



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: 49.155 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

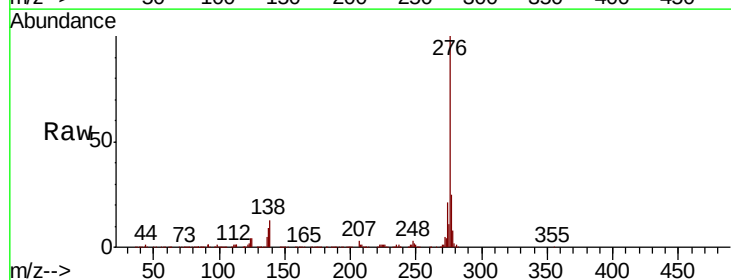
Tgt Ion:276 Resp: 1822817

Ion Ratio Lower Upper

276 100

138 12.3 9.3 13.9

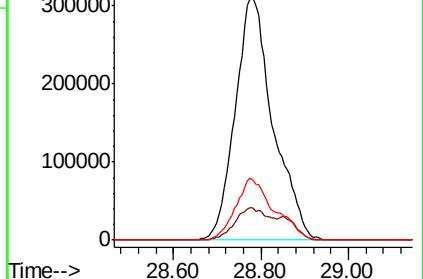
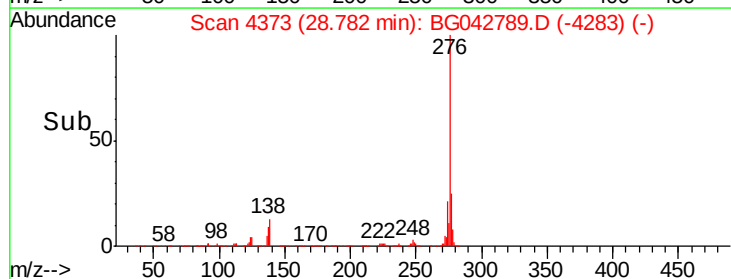
277 26.1 17.2 25.8#

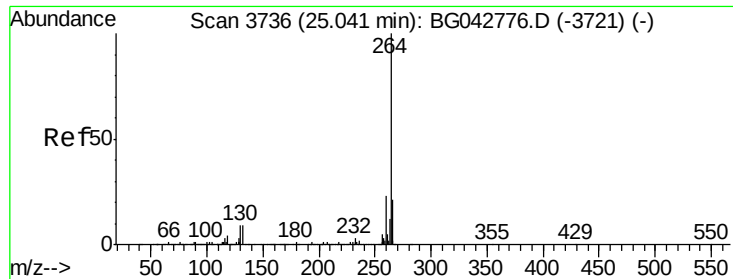


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3735

Delta R.T. -0.01 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

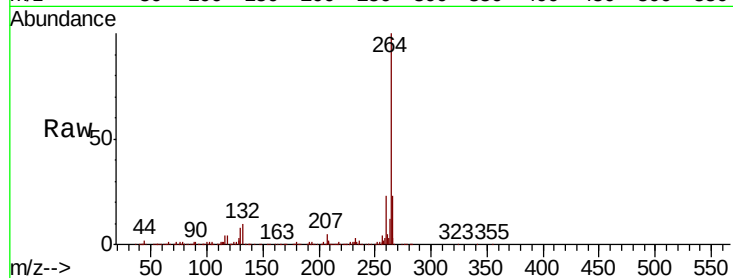
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 564177

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	23.4	16.9	25.3

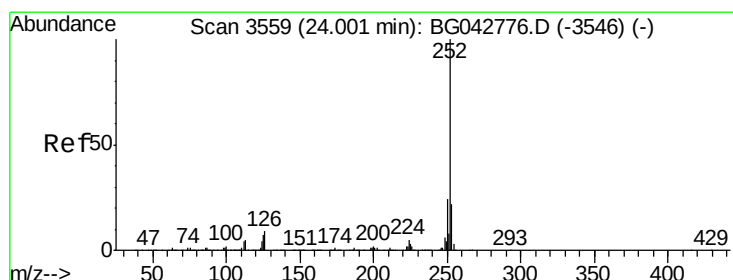
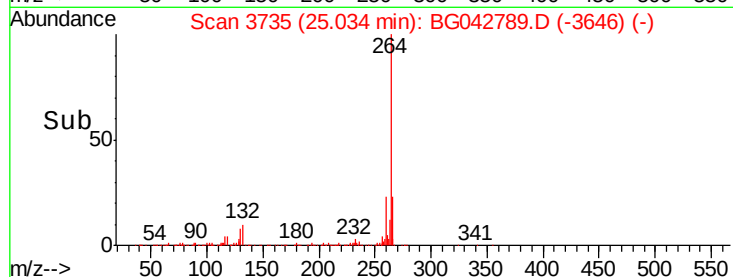
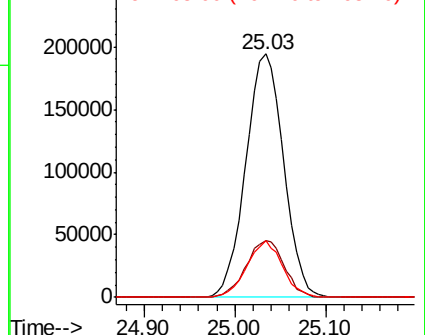


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.963 ng

RT: 24.00 min Scan# 3559

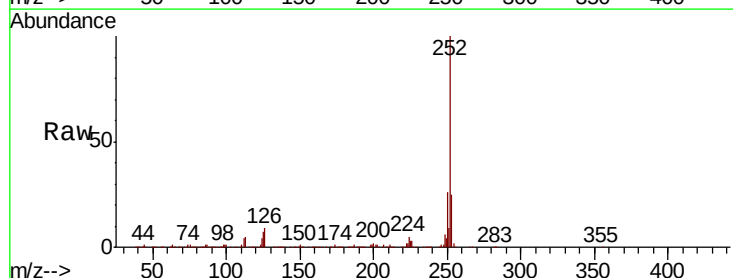
Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Tgt Ion:252 Resp: 1588885

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	7.0	5.6	8.4

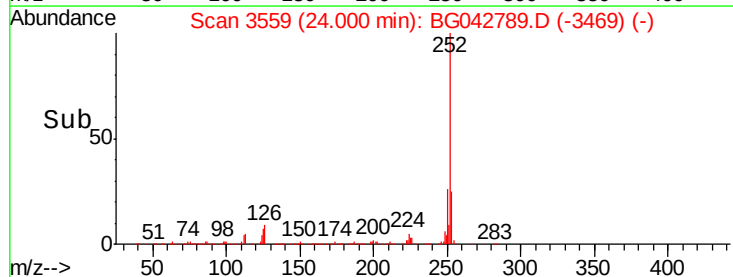
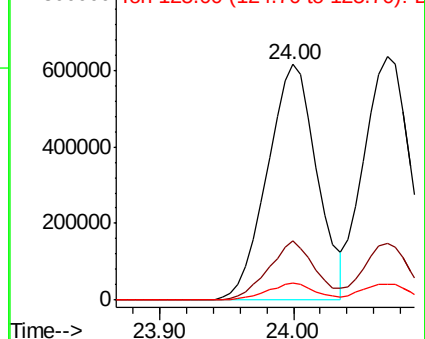


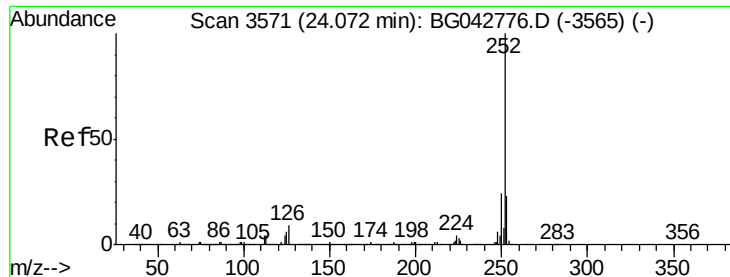
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.404 ng

RT: 24.07 min Scan# 3571

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

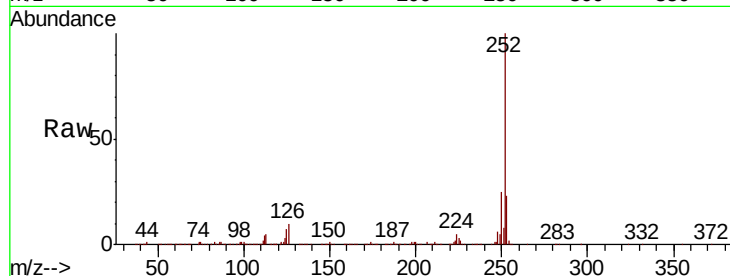
Tot Ion:252 Resp: 1514692

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

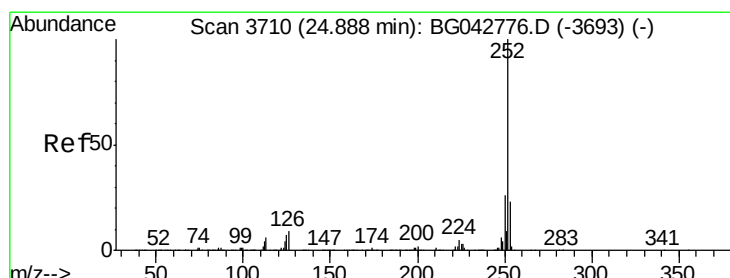
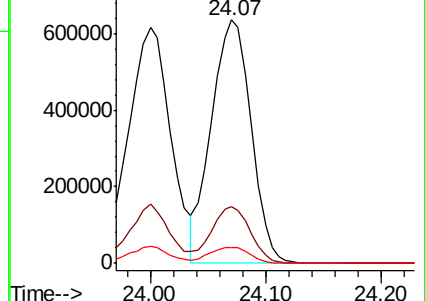
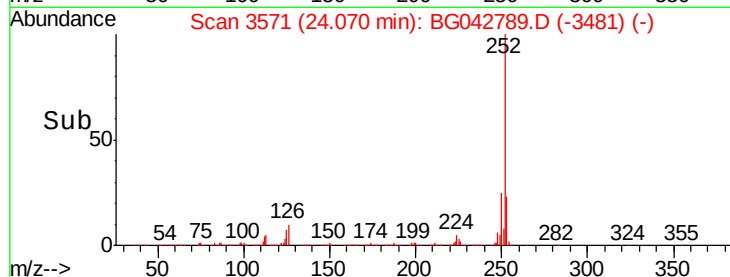
125 6.7 5.3 7.9



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: 49.920 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.00 min

Lab File: BG042789.D

Acq: 12 Sep 2019 19:34

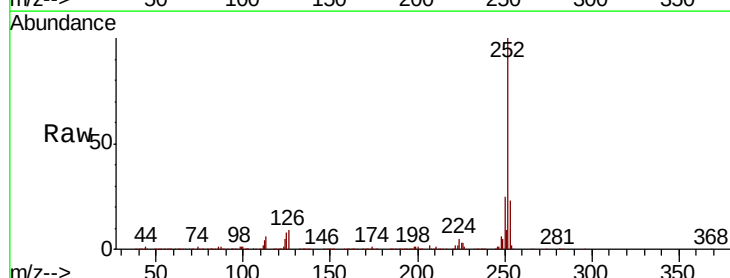
Tgt Ion:252 Resp: 1548483

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

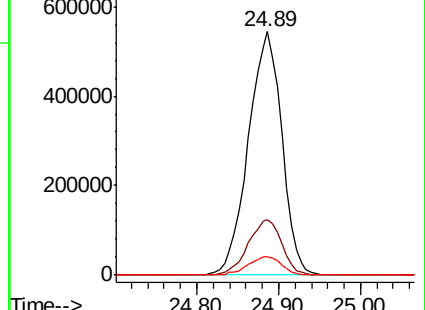
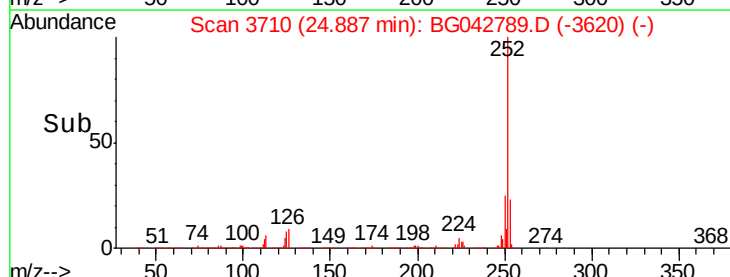
125 7.7 5.7 8.5

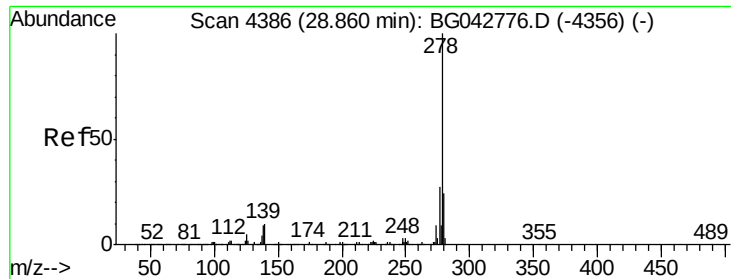


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



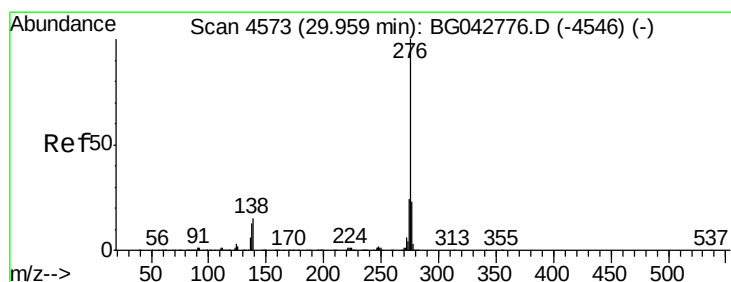
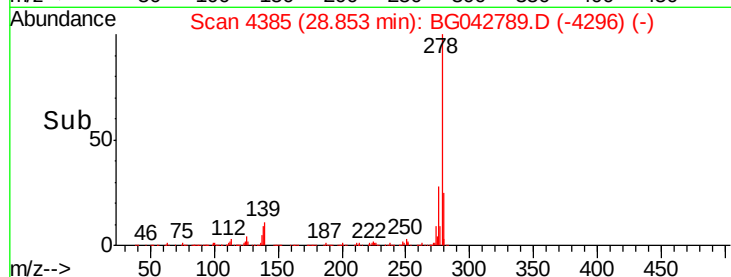
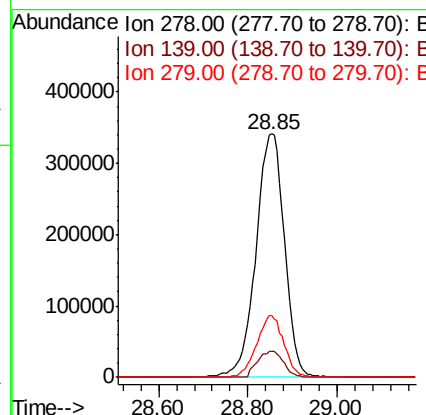
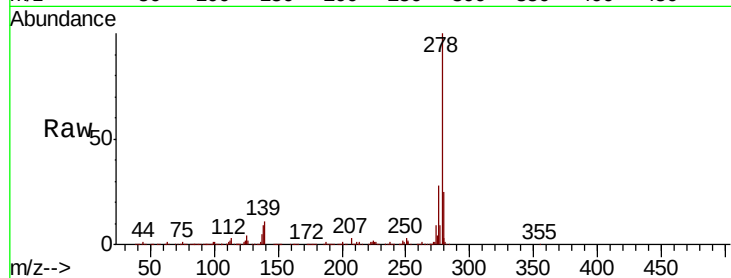


#91
Dibenzo(a,h)anthracene
Concen: 49.060 ng
RT: 28.85 min Scan# 4385
Delta R.T. -0.01 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1496768

Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.2	12.2
279	25.3	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 50.122 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.00 min
Lab File: BG042789.D
Acq: 12 Sep 2019 19:34

Tgt Ion:276 Resp: 1491540

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	13.1	11.8	17.8

