

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043379.D
 Acq On : 29 Oct 2019 18:19
 Operator : JU
 Sample : K5564-11MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:22:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41422	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	162960	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115185	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	262772	20.00	ng	0.00
76) Chrysene-d12	21.66	240	292419	20.00	ng	0.00
87) Perylene-d12	24.86	264	345090	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	266833	118.04	ng	0.00
7) Phenol-d6	7.21	99	371037	114.08	ng	0.00
23) Nitrobenzene-d5	9.19	82	231597	73.27	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	232544	106.09	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	601739	72.19	ng	0.00
79) Terphenyl-d14	20.00	244	1137752	72.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	29607	33.610	ng	97
3) Pyridine	3.89	79	75018	33.760	ng	99
4) n-Nitrosodimethylamine	3.80	42	46460	41.435	ng	93
6) Aniline	7.35	93	53897	14.386	ng	98
8) 2-Chlorophenol	7.60	128	105005	42.081	ng	99
9) Benzaldehyde	7.16	77	53896	33.721	ng	93
10) Phenol	7.24	94	132184	44.478	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	83847	36.491	ng	99
12) 1,3-Dichlorobenzene	7.91	146	116162	37.155	ng	97
13) 1,4-Dichlorobenzene	8.06	146	119018	37.626	ng	96
14) 1,2-Dichlorobenzene	8.38	146	113458	36.736	ng	93
15) Benzyl Alcohol	8.27	79	90326	39.546	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	118367	35.428	ng	93
17) 2-Methylphenol	8.48	107	88250	40.733	ng	94
18) Hexachloroethane	9.10	117	41893	36.709	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	76448	36.377	ng	99
20) 3+4-Methylphenols	8.48	107	87844	29.569	ng	88
22) Acetophenone	8.85	105	148650	35.620	ng	100
24) Nitrobenzene	9.23	77	118183	39.249	ng	98
25) Isophorone	9.75	82	217040	37.556	ng	98
26) 2-Nitrophenol	9.94	139	60927	41.911	ng	97
27) 2,4-Dimethylphenol	10.01	122	97026	46.567	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	118508	37.155	ng	95
29) 2,4-Dichlorophenol	10.49	162	108370	40.594	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	124780	37.085	ng	98
31) Naphthalene	10.88	128	332284	40.171	ng	97
32) Benzoic acid	10.17	122	47701	33.379	ng	87
33) 4-Chloroaniline	11.00	127	22391	6.604	ng	# 92
34) Hexachlorobutadiene	11.17	225	89233	35.876	ng	94
35) Caprolactam	11.76	113	18509	20.131	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	117164	40.235	ng	96
37) 2-Methylnaphthalene	12.48	142	248932	39.222	ng	97
38) 1-Methylnaphthalene	12.70	142	235434	38.987	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	159059	37.313	ng	99

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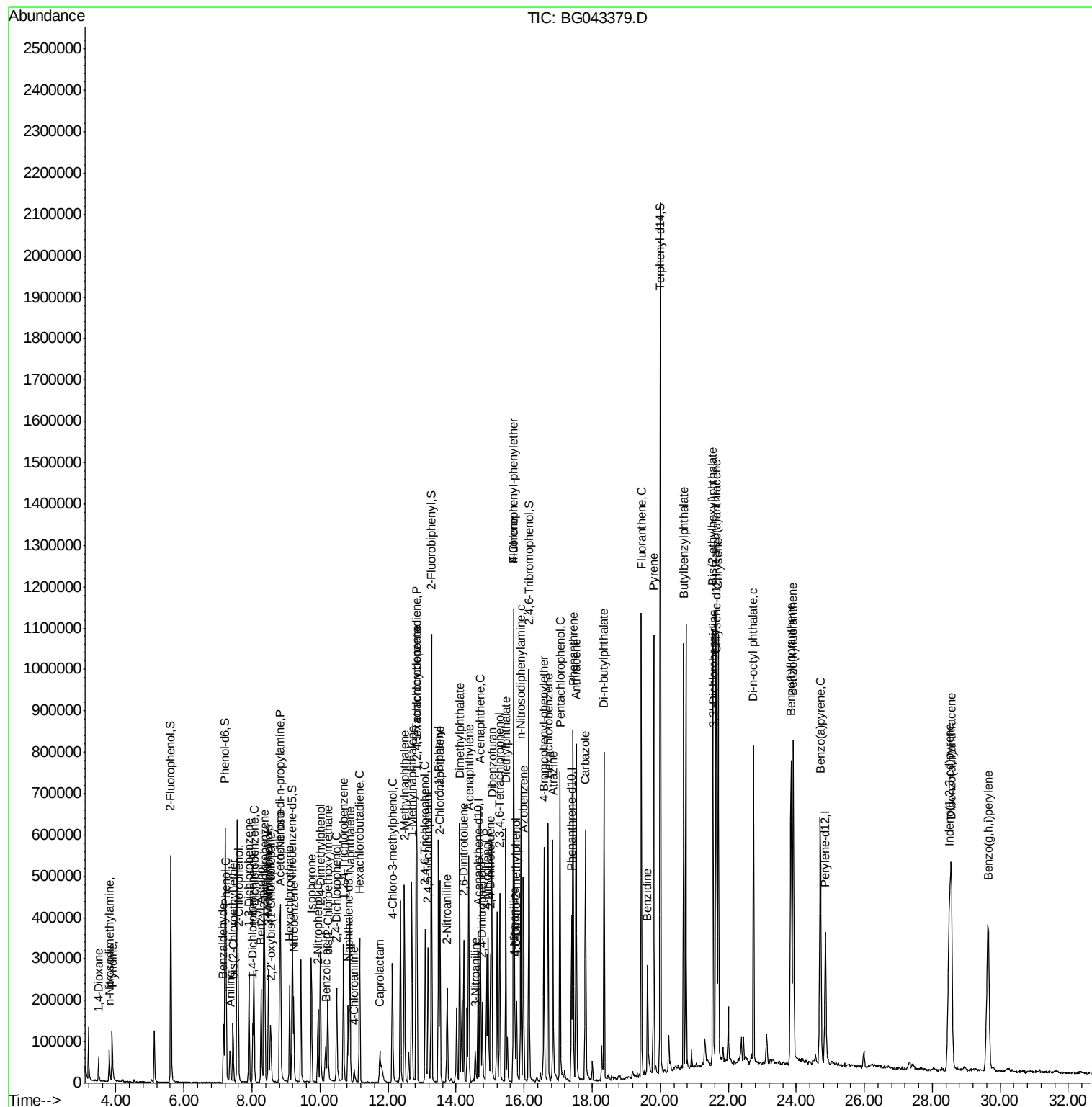
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	180660	80.677	ng	94
43) 2,4,6-Trichlorophenol	13.09	196	100713	40.118	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	110658	43.601	ng	99
46) 1,1'-Biphenyl	13.48	154	329811	37.638	ng	99
47) 2-Chloronaphthalene	13.53	162	252835	37.922	ng	100
48) 2-Nitroaniline	13.73	65	75107	37.691	ng	99
49) Acenaphthylene	14.37	152	419499	40.427	ng	99
50) Dimethylphthalate	14.10	163	423020	47.414	ng	98
51) 2,6-Dinitrotoluene	14.22	165	76178	39.302	ng	97
52) Acenaphthene	14.72	154	249797	39.475	ng	97
53) 3-Nitroaniline	14.56	138	26383	14.098	ng	# 94
54) 2,4-Dinitrophenol	14.76	184	56072	49.393	ng	95
55) Dibenzofuran	15.05	168	408243	39.782	ng	99
56) 4-Nitrophenol	14.90	139	106966	85.296	ng	94
57) 2,4-Dinitrotoluene	15.02	165	107315	38.742	ng	97
58) Fluorene	15.70	166	335977	39.036	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	113097	41.942	ng	# 99
60) Diethylphthalate	15.46	149	331524	36.982	ng	97
61) 4-Chlorophenyl-phenylether	15.69	204	193467	38.532	ng	96
62) 4-Nitroaniline	15.73	138	59245	30.655	ng	94
63) Azobenzene	15.98	77	282349	38.917	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	50379	32.578	ng	91
66) n-Nitrosodiphenylamine	15.90	169	304424	41.034	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	136344	38.555	ng	98
68) Hexachlorobenzene	16.71	284	156156	38.469	ng	98
69) Atrazine	16.85	200	128710	49.929	ng	95
70) Pentachlorophenol	17.05	266	168190	90.931	ng	96
71) Phenanthrene	17.44	178	553621	41.143	ng	100
72) Anthracene	17.53	178	560829	41.658	ng	100
73) Carbazole	17.80	167	491966	40.353	ng	100
74) Di-n-butylphthalate	18.35	149	584876	39.538	ng	99
75) Fluoranthene	19.45	202	734187	41.852	ng	99
77) Benzidine	19.63	184	219239	37.254	ng	99
78) Pyrene	19.80	202	731796	40.430	ng	99
80) Butylbenzylphthalate	20.69	149	315238	45.970	ng	97
81) Benzo(a)anthracene	21.64	228	755053	41.222	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	145662	20.560	ng	99
83) Chrysene	21.71	228	723432	39.751	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	386539	39.681	ng	99
85) Di-n-octyl phthalate	22.74	149	668810	40.469	ng	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	952092	41.677	ng	99
88) Benzo(b)fluoranthene	23.85	252	790387	40.440	ng	99
89) Benzo(k)fluoranthene	23.91	252	799363	40.627	ng	98
90) Benzo(a)pyrene	24.71	252	742484	39.782	ng	98
91) Dibenzo(a,h)anthracene	28.56	278	791039	41.436	ng	99
92) Benzo(g,h,i)perylene	29.64	276	805851	42.794	ng	98

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

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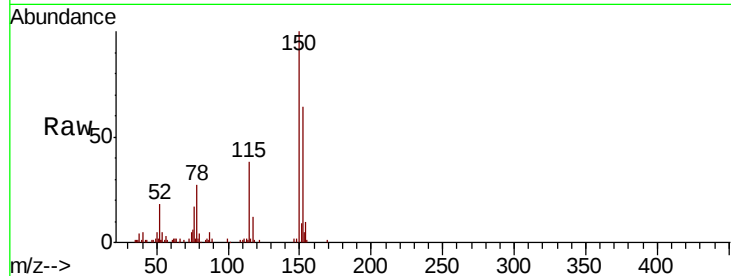


#1

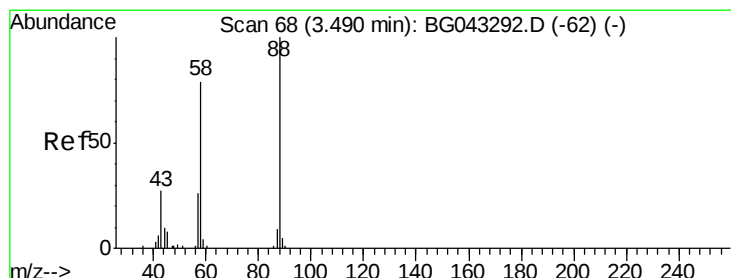
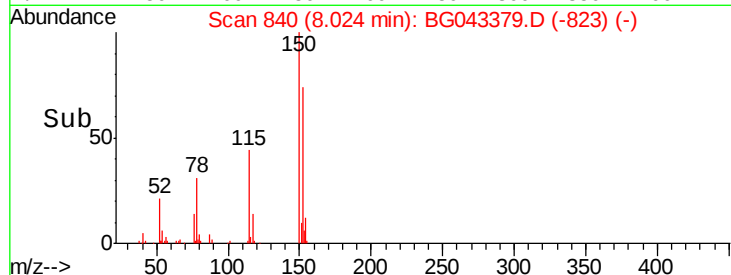
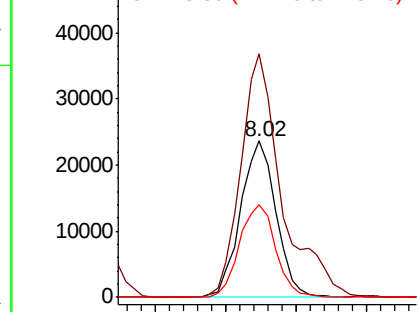
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41422
Ion Ratio Lower Upper
152 100
150 155.6 113.6 170.4
115 58.8 45.9 68.9



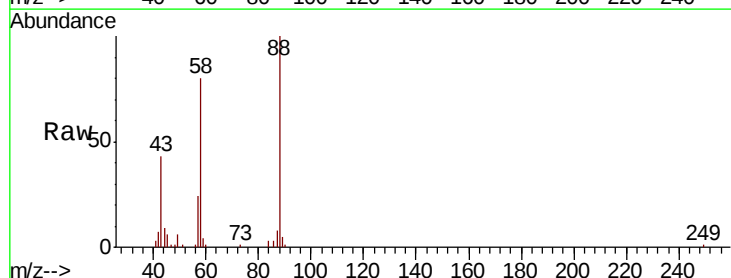
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



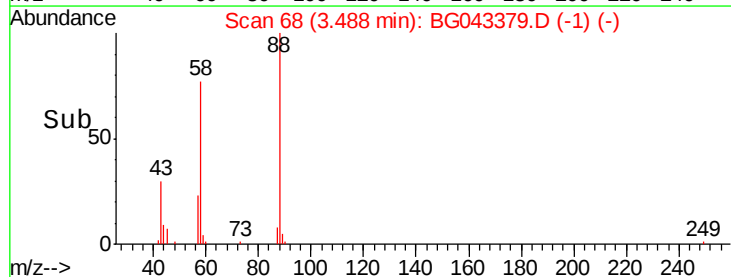
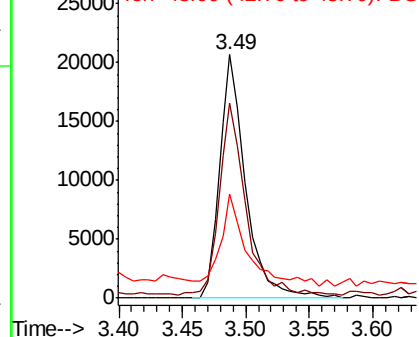
#2

1,4-Dioxane
Concen: 33.610 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion: 88 Resp: 29607
Ion Ratio Lower Upper
88 100
58 78.0 60.2 90.2
43 30.4 22.7 34.1



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: 33.760 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

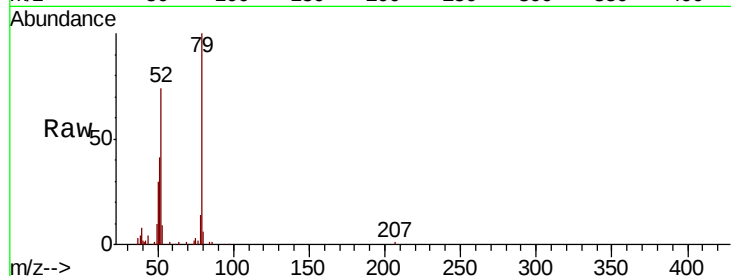
Tot Ion: 79 Resp: 75018

Ion Ratio Lower Upper

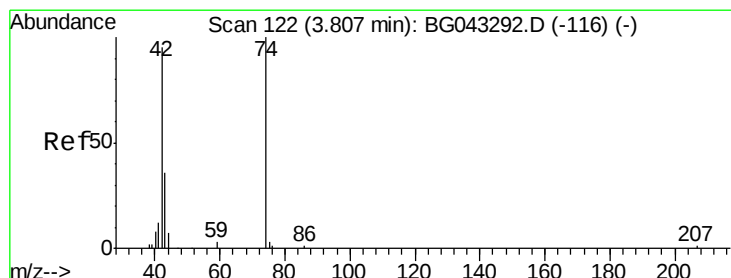
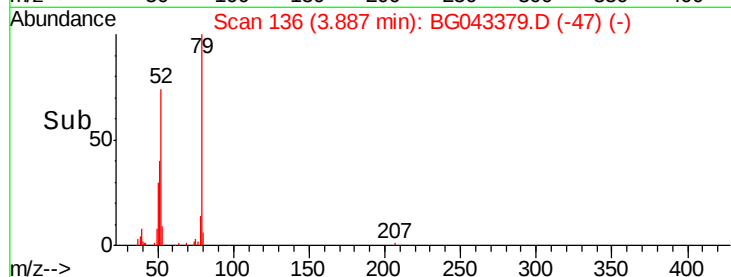
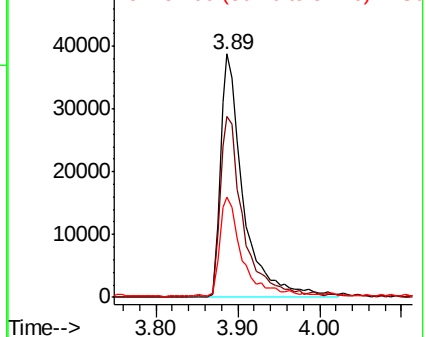
79 100

52 74.4 59.7 89.5

51 41.3 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 41.435 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

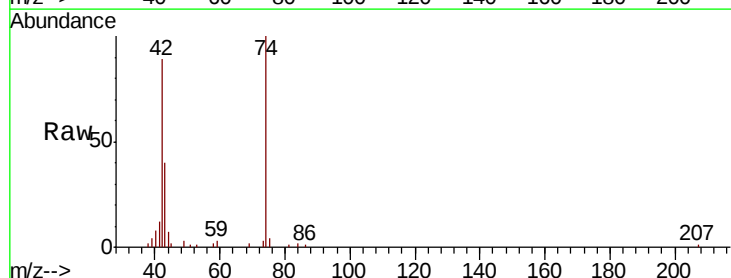
Tgt Ion: 42 Resp: 46460

Ion Ratio Lower Upper

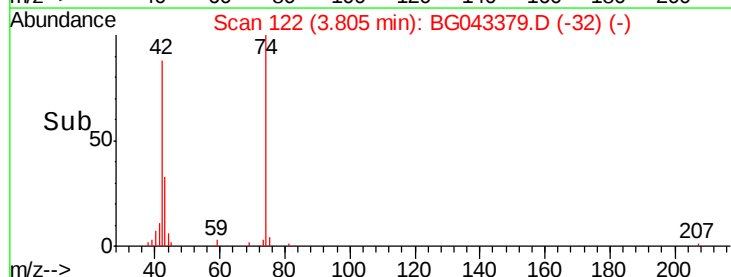
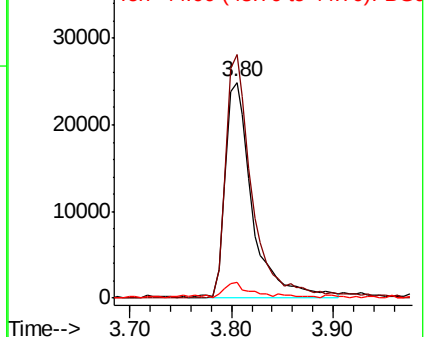
42 100

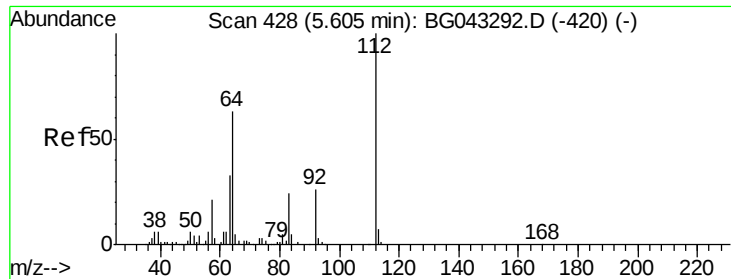
74 112.9 84.2 126.2

44 7.6 6.0 9.0



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: 118.043 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

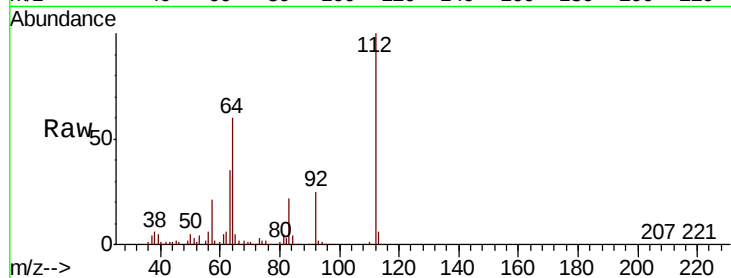
Tot Ion:112 Resp: 266833

Ion Ratio Lower Upper

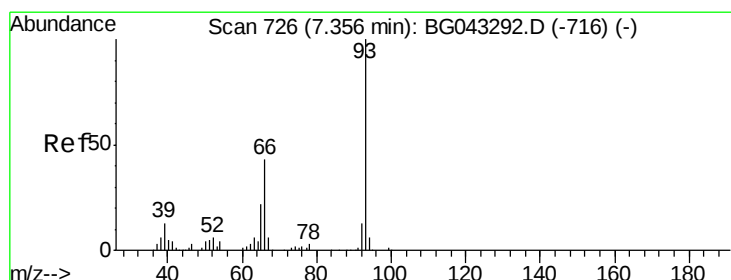
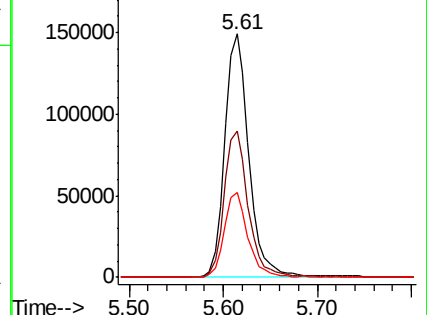
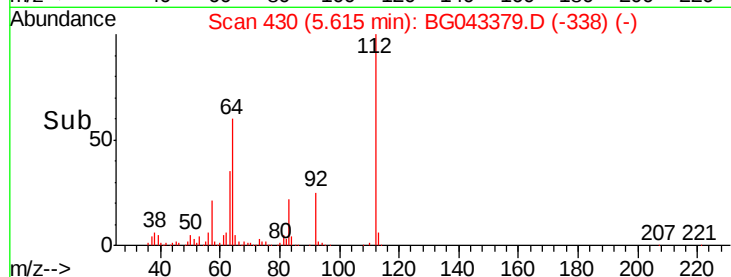
112 100

64 60.2 50.2 75.2

63 35.1 26.7 40.1



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: 14.386 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

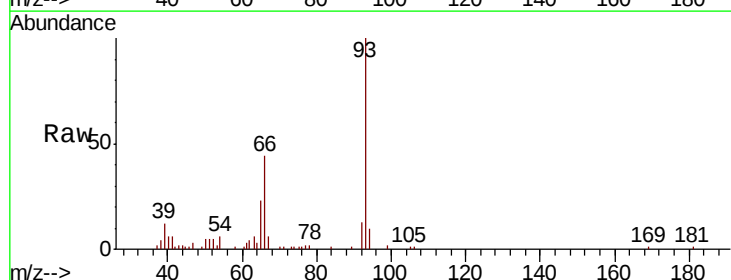
Tgt Ion: 93 Resp: 53897

Ion Ratio Lower Upper

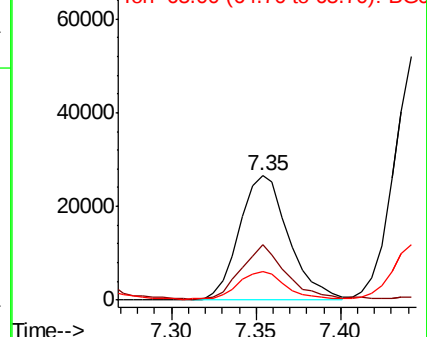
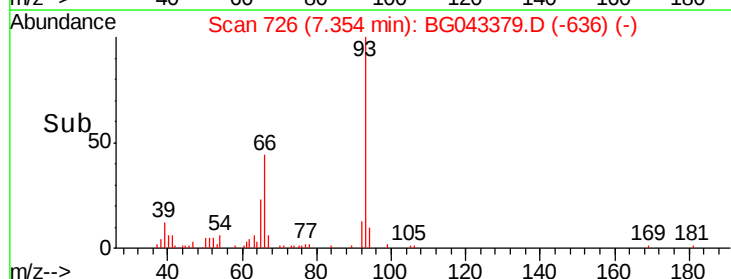
93 100

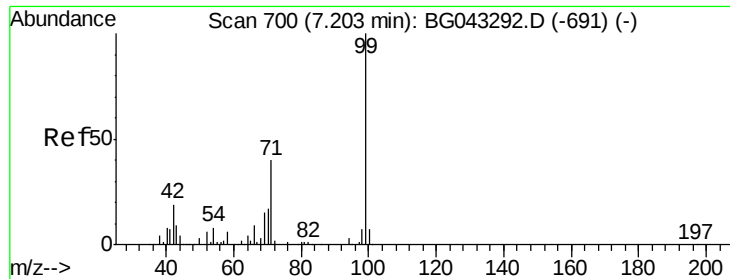
66 44.3 34.5 51.7

65 23.5 18.0 27.0



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: 114.085 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

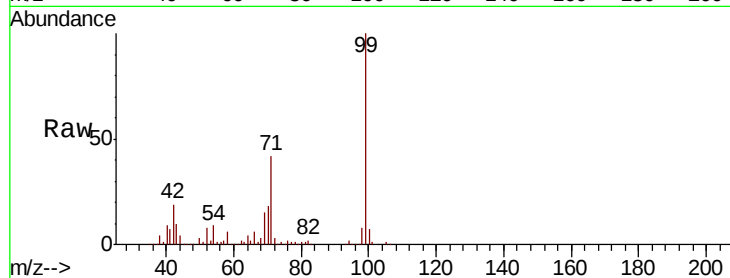
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 371037

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.9	22.3
71	41.8	32.2	48.2

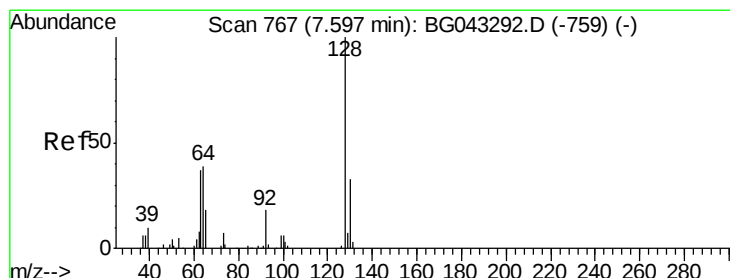
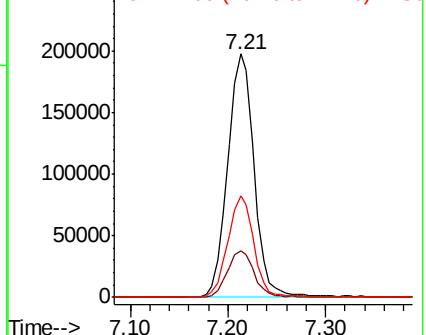
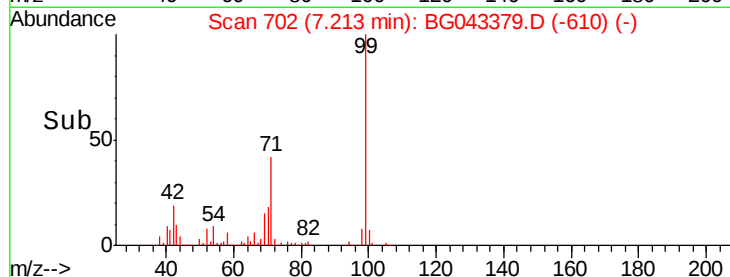


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.081 ng

RT: 7.60 min Scan# 768

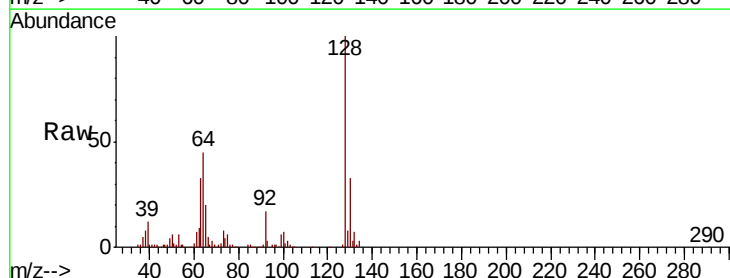
Delta R.T. 0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Tgt Ion: 128 Resp: 105005

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.9	52.9
64	45.1	24.9	64.9

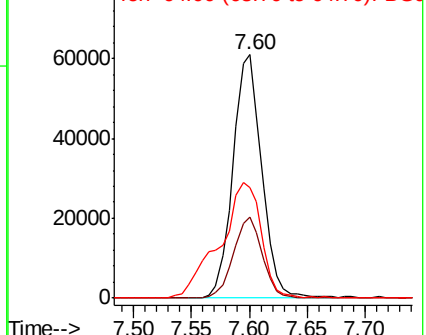
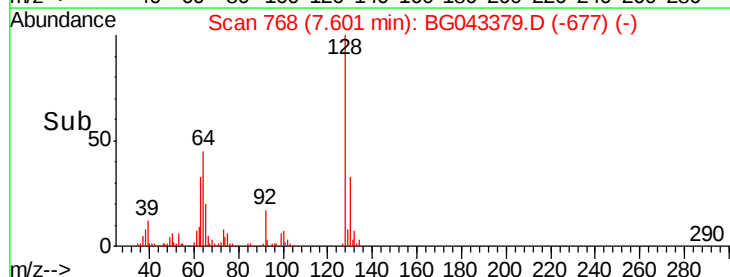


Abundance

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: 33.721 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

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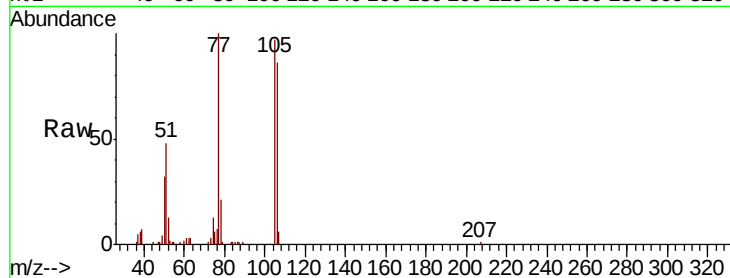
Tot Ion: 77 Resp: 53896

Ion Ratio Lower Upper

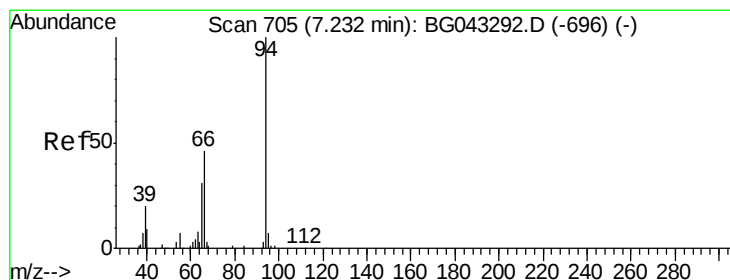
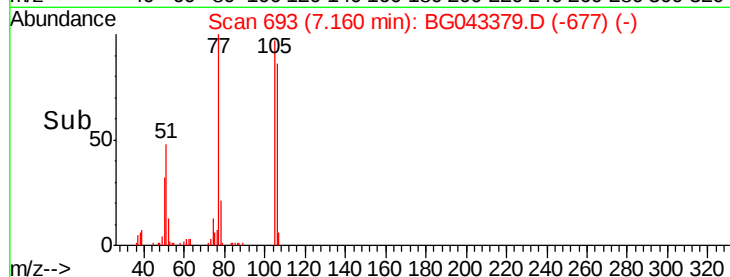
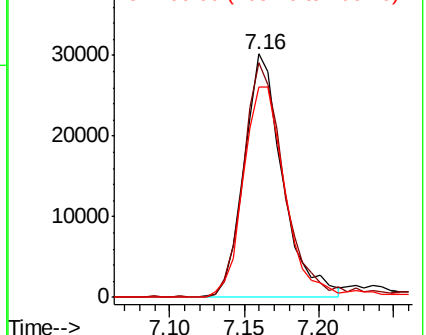
77 100

105 96.5 68.7 108.7

106 86.2 60.5 100.5



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: 44.478 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

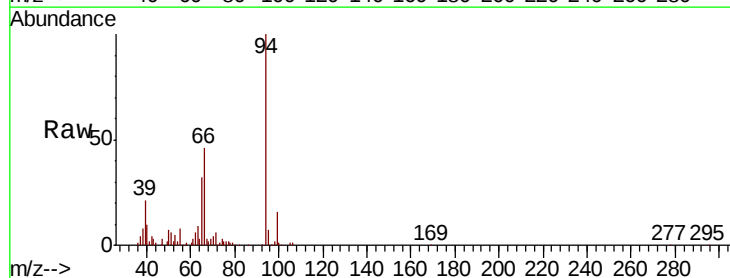
Tgt Ion: 94 Resp: 132184

Ion Ratio Lower Upper

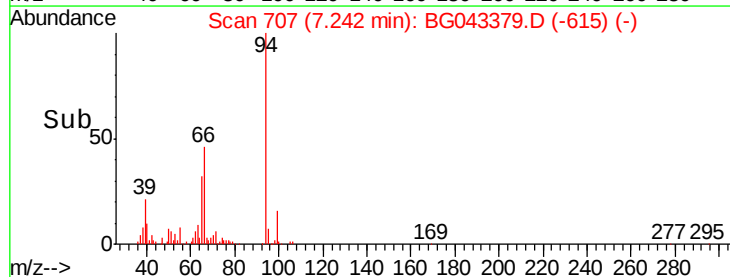
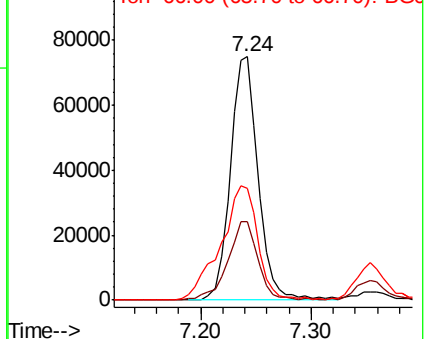
94 100

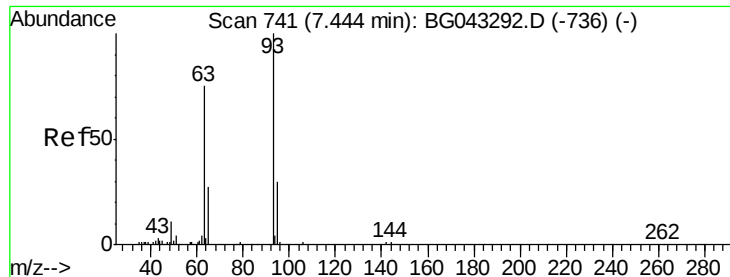
65 32.2 11.1 51.1

66 46.1 27.8 67.8



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

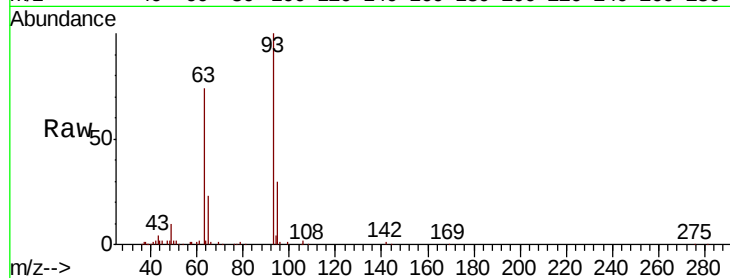




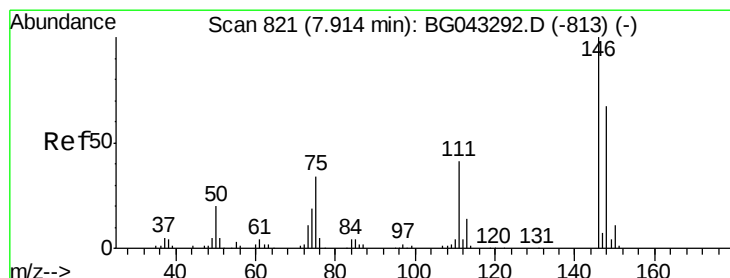
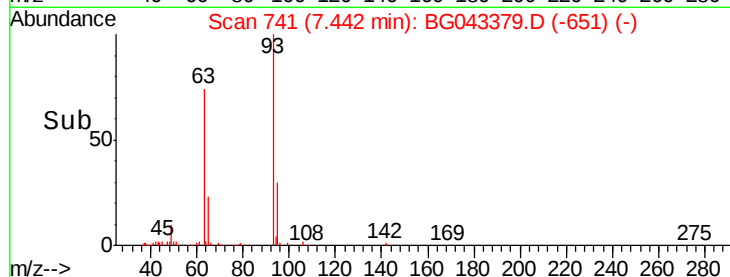
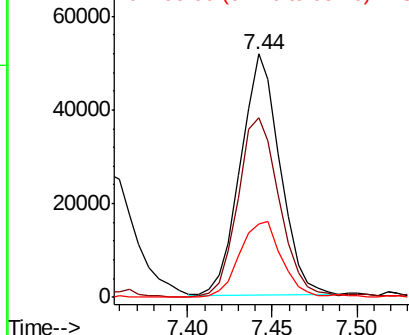
#11
bis(2-Chloroethyl)ether
Concen: 36.491 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 83847
Ion Ratio Lower Upper
93 100
63 73.7 54.6 94.6
95 30.0 9.7 49.7

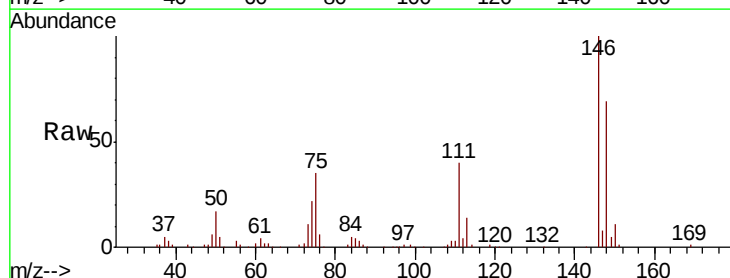


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

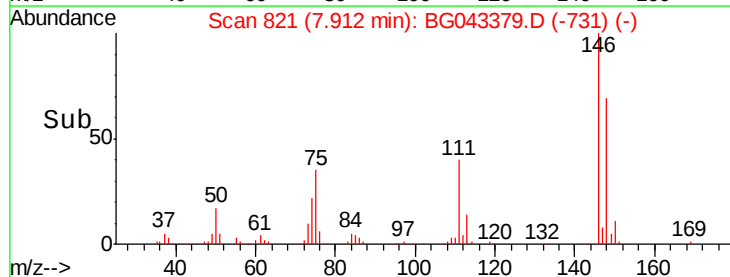
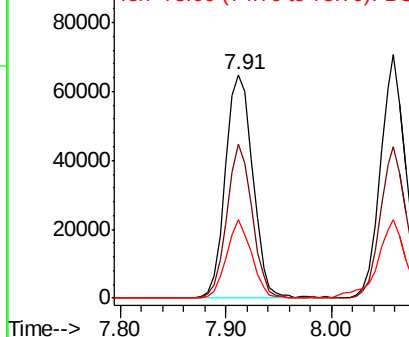


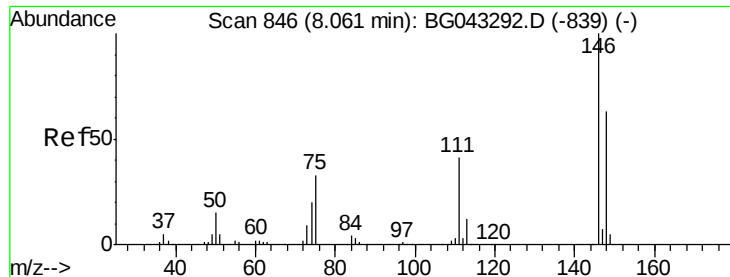
#12
1,3-Dichlorobenzene
Concen: 37.155 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion: 146 Resp: 116162
Ion Ratio Lower Upper
146 100
148 69.0 53.4 80.2
75 35.0 27.0 40.4



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





#13

1,4-Dichlorobenzene

Concen: 37.626 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

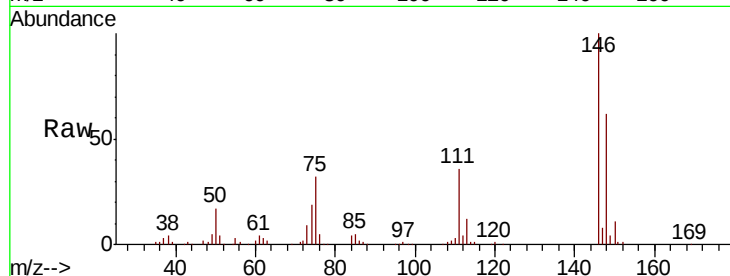
Tot Ion:146 Resp: 119018

Ion Ratio Lower Upper

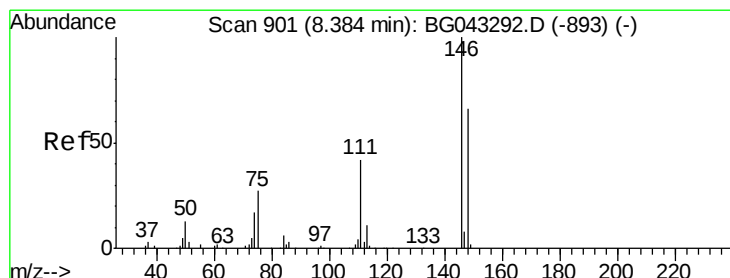
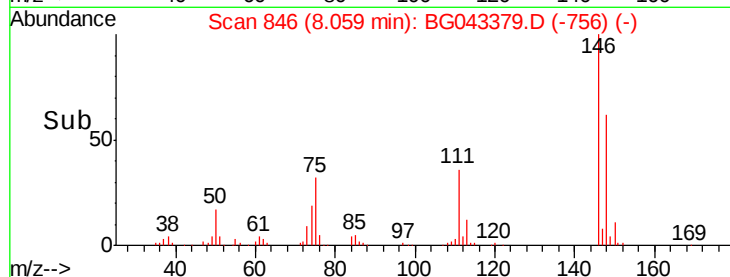
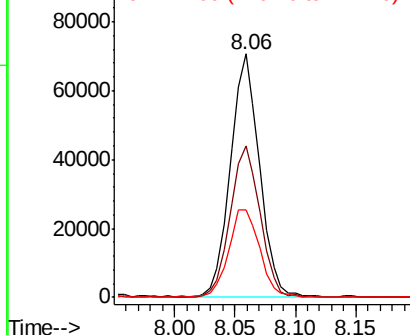
146 100

148 62.3 50.7 76.1

111 35.9 33.0 49.6



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: 36.736 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

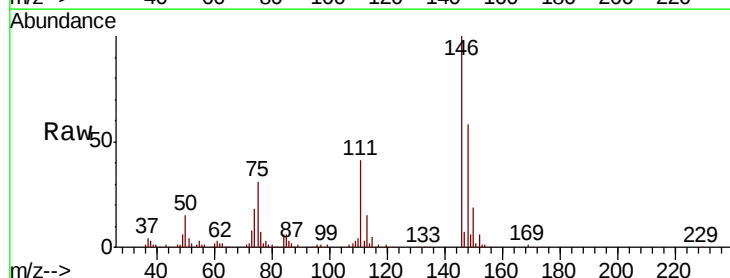
Tgt Ion:146 Resp: 113458

Ion Ratio Lower Upper

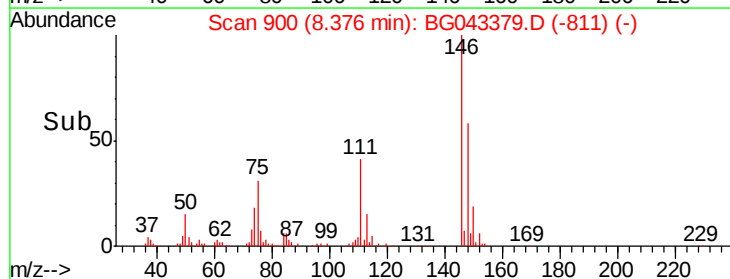
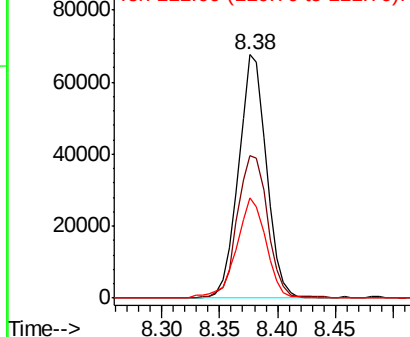
146 100

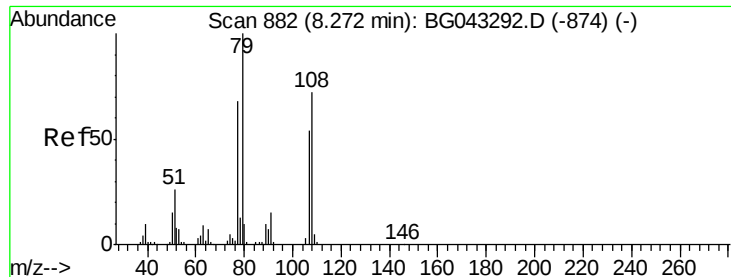
148 58.4 53.0 79.4

111 41.2 34.5 51.7



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: 39.546 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

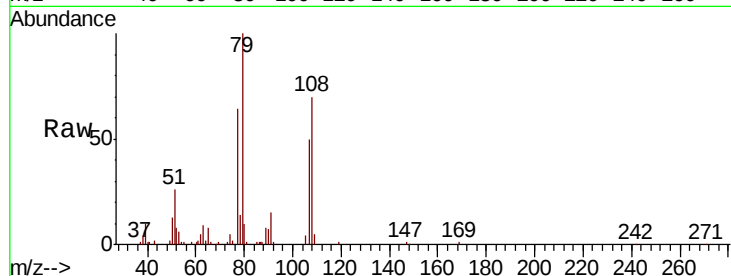
Tot Ion: 79 Resp: 90326

Ion Ratio Lower Upper

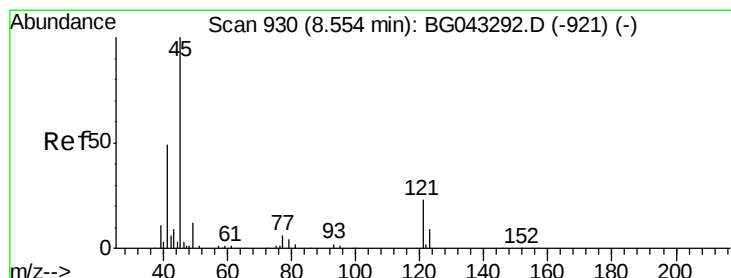
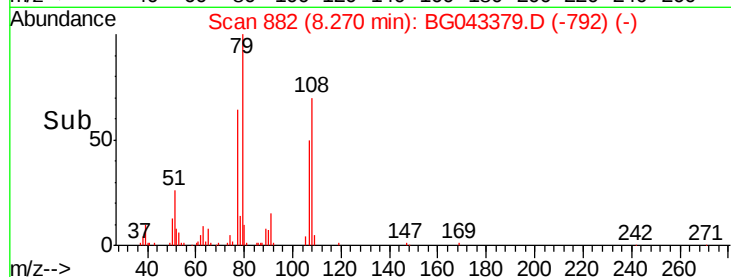
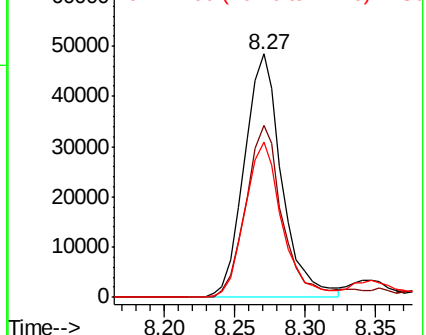
79 100

108 70.5 57.3 85.9

77 63.8 54.6 81.8



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: 35.428 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

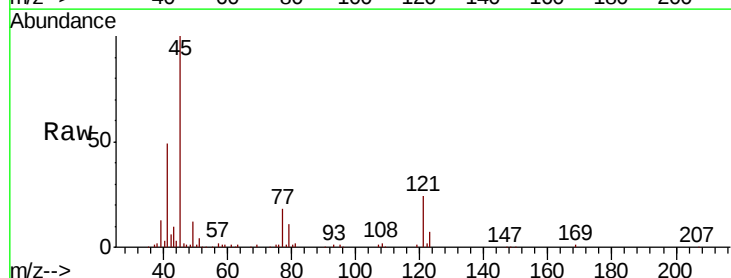
Tgt Ion: 45 Resp: 118367

Ion Ratio Lower Upper

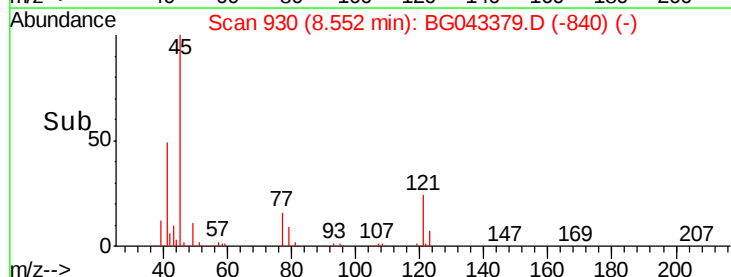
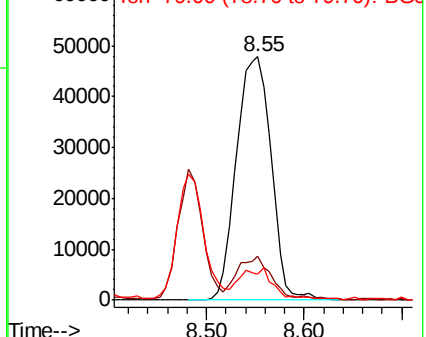
45 100

77 17.8 0.0 34.2

79 10.7 0.0 32.3



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

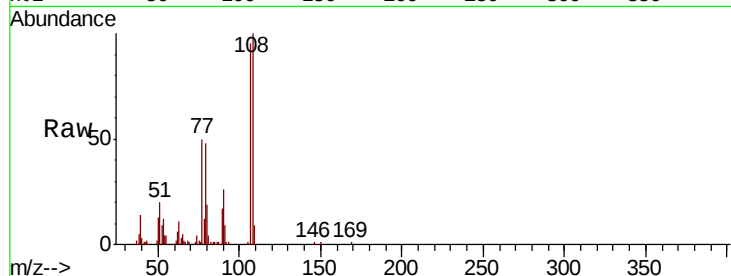




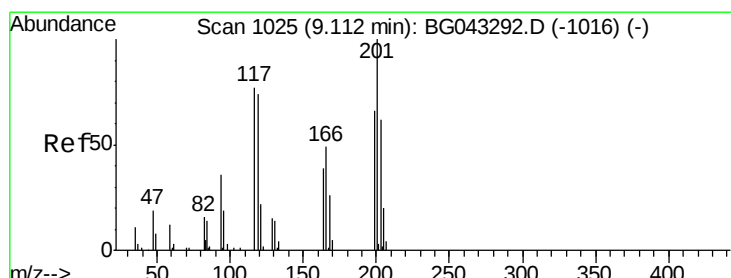
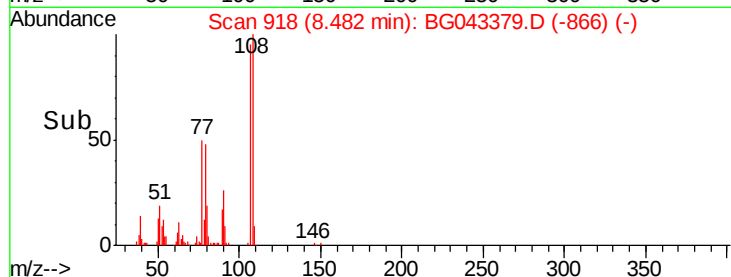
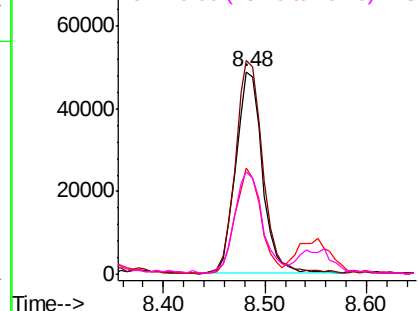
#17
2-Methylphenol
Concen: 40.733 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	88250
Ion	Ratio	Lower	Upper
107	100		
108	105.6	91.3	136.9
77	52.8	43.0	64.6
79	50.4	43.4	65.2

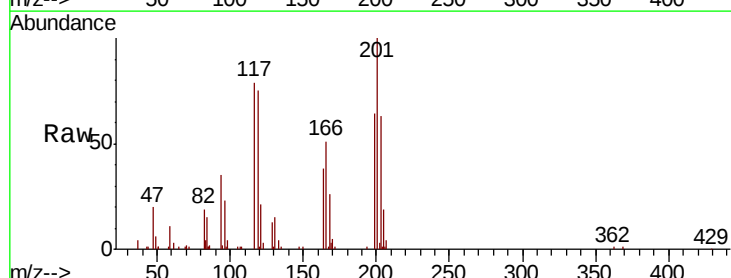


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

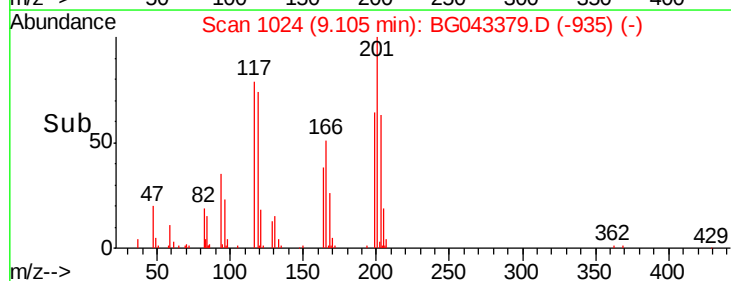
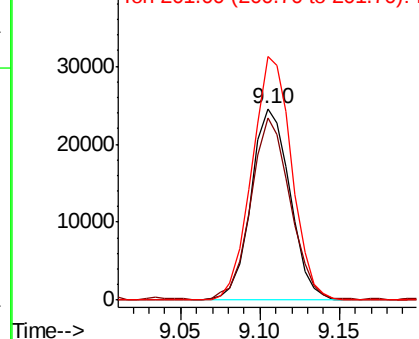


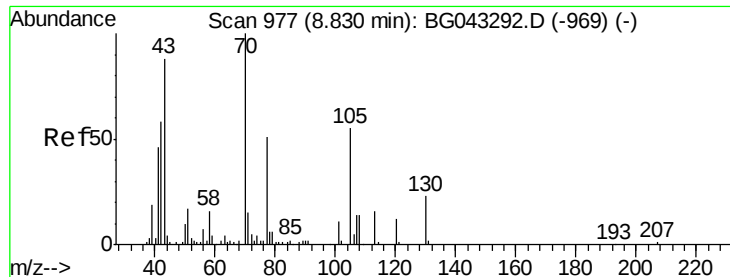
#18
Hexachloroethane
Concen: 36.709 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:	117	Resp:	41893
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.3	115.9
201	127.0	104.2	156.4



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

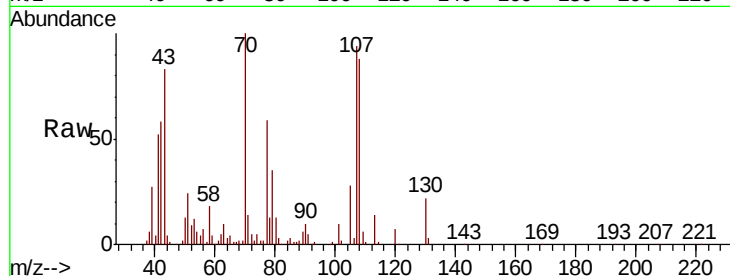




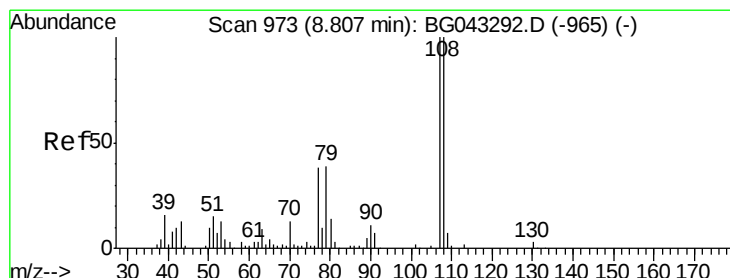
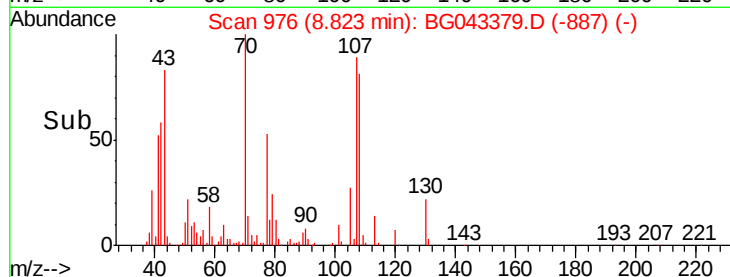
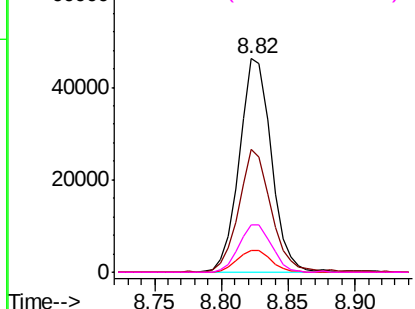
#19
n-Nitroso-di-n-propylamine
Concen: 36.377 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 76448
Ion Ratio Lower Upper
70 100
42 57.7 46.2 69.2
101 10.3 8.6 13.0
130 22.1 18.6 27.8

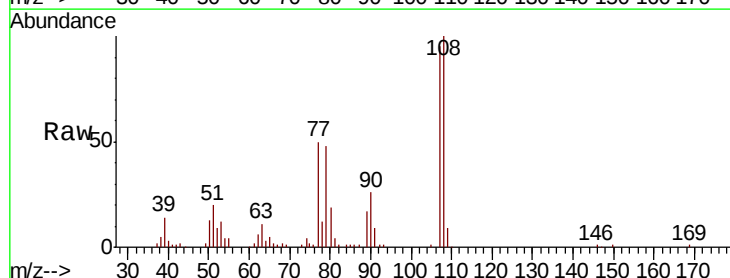


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

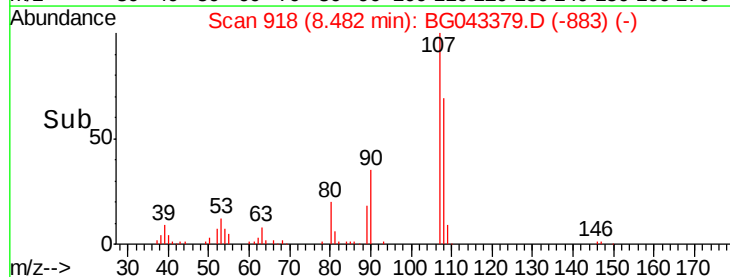
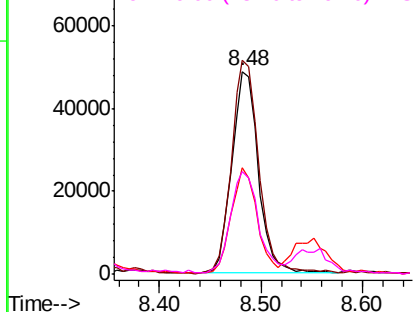


#20
3+4-Methylphenols
Concen: 29.569 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.33 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion: 107 Resp: 87844
Ion Ratio Lower Upper
107 100
108 105.6 80.3 120.3
77 52.8 18.2 58.2
79 50.4 18.8 58.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

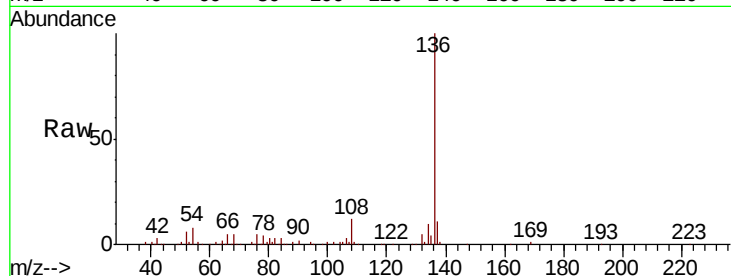




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	162960
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.2	12.2
54 8.5	5.4	8.2#
68 5.1	3.3	4.9#



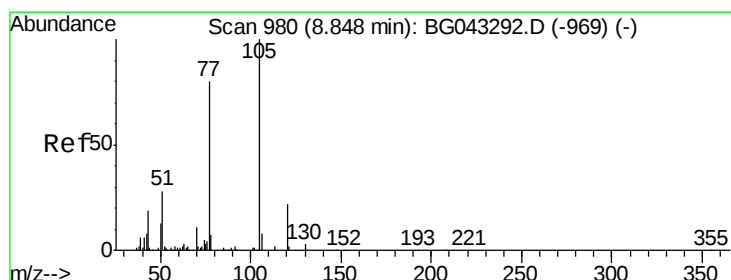
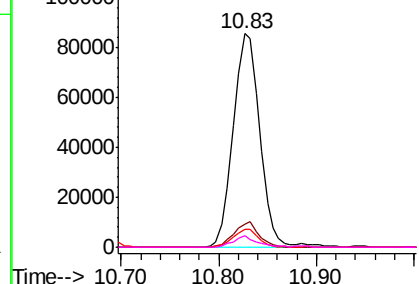
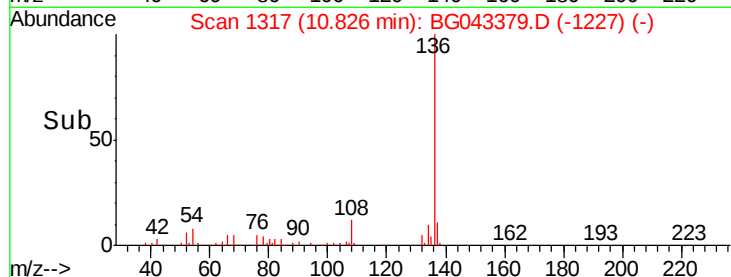
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

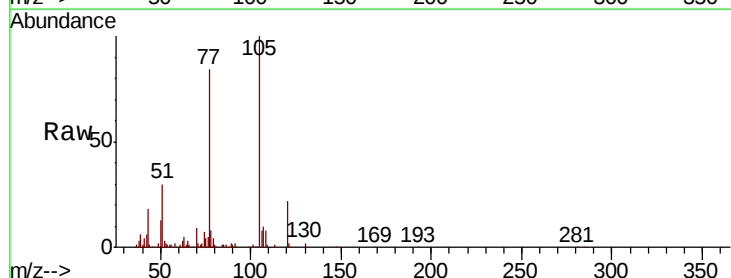
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 35.620 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt	Ion:105	Resp:	148650
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.5	2.3
51	30.2	23.9	35.9
120	21.5	17.3	25.9



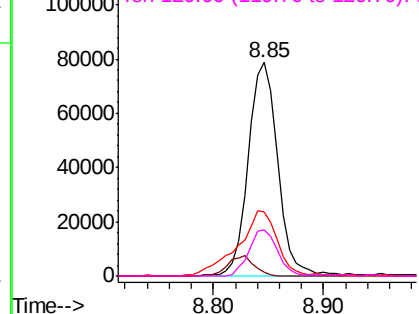
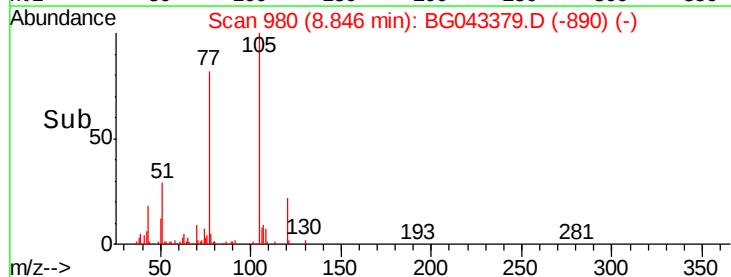
Abundance

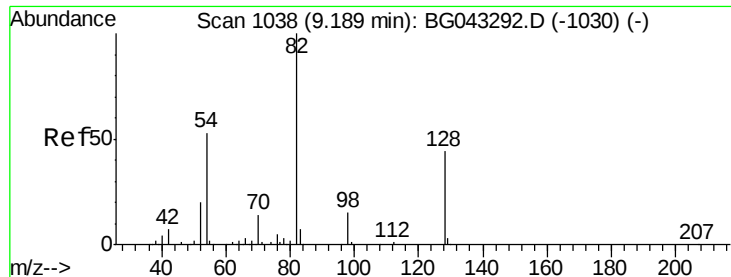
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

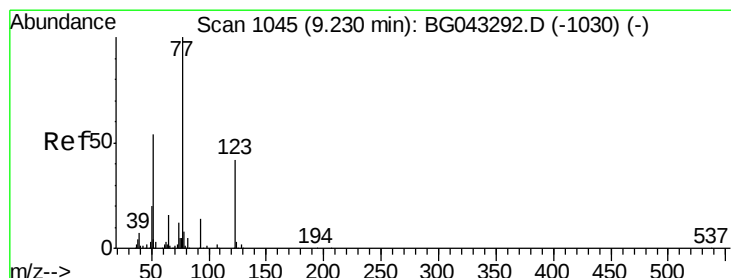
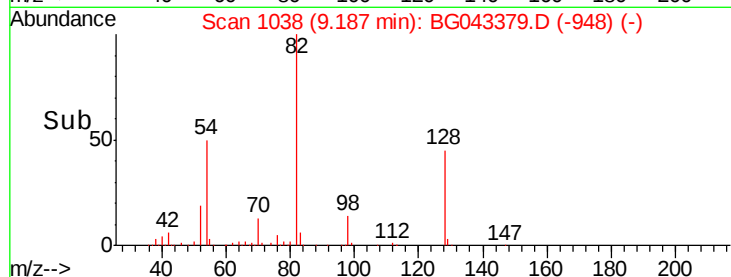
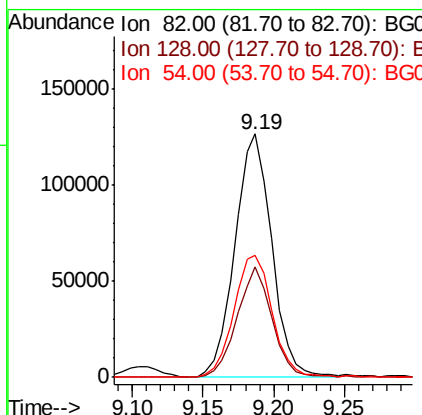
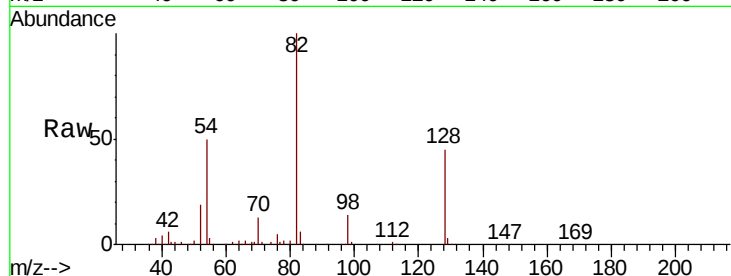




#23
 Nitrobenzene-d5
 Concen: 73.269 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

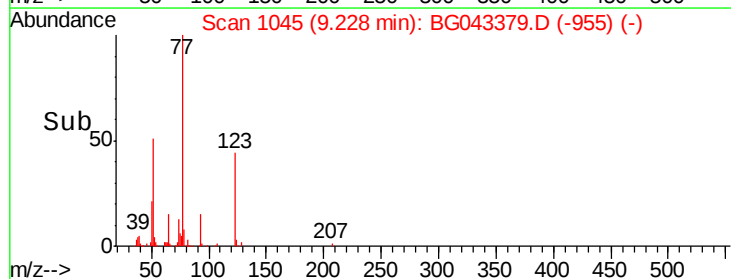
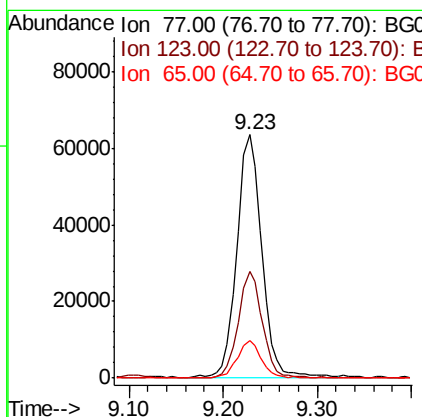
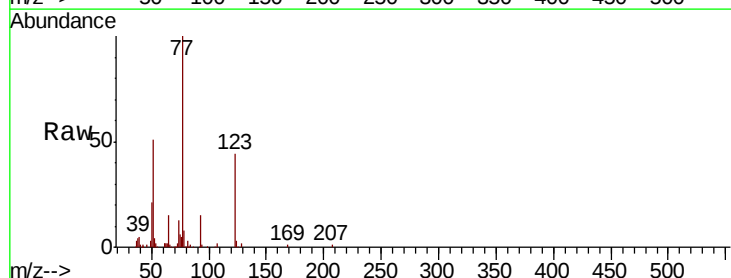
Instrument :
 BNA_G
 ClientSampleId :

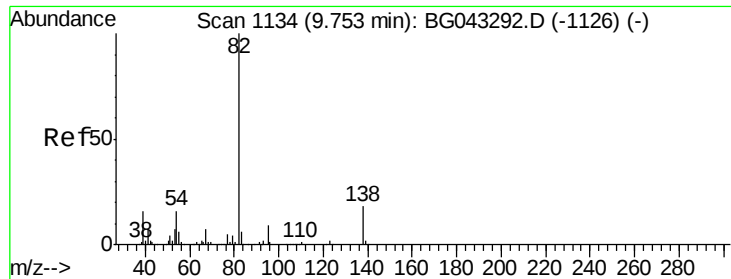
Tot Ion	82	Resp	231597
Ion Ratio	100	Lower	Upper
128	45.1	35.3	52.9
54	50.3	42.3	63.5



#24
 Nitrobenzene
 Concen: 39.249 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Tgt Ion	77	Resp	118183
Ion Ratio	100	Lower	Upper
123	43.8	33.8	50.8
65	15.3	13.0	19.4





#25

Isophorone

Concen: 37.556 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

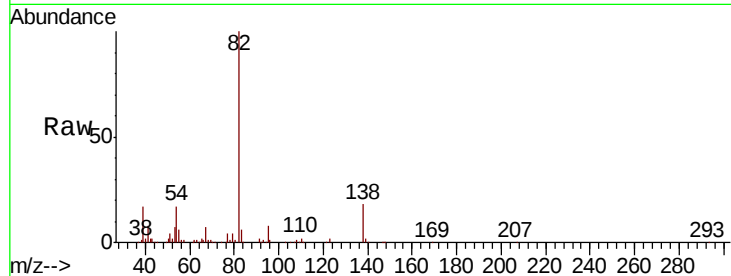
Tot Ion: 82 Resp: 217040

Ion Ratio Lower Upper

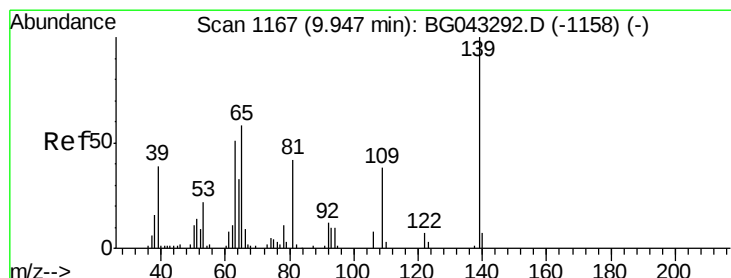
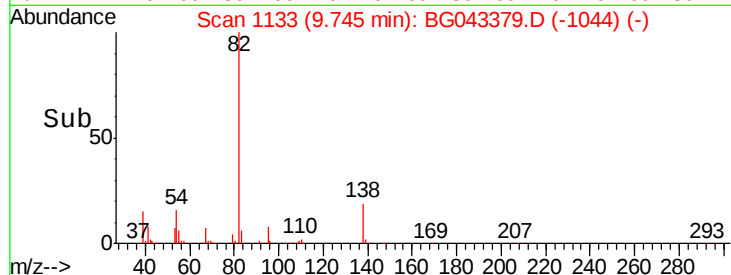
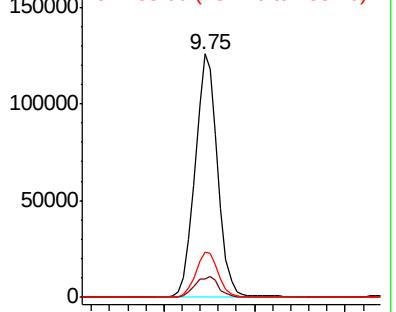
82 100

95 7.6 6.9 10.3

138 18.5 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.911 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

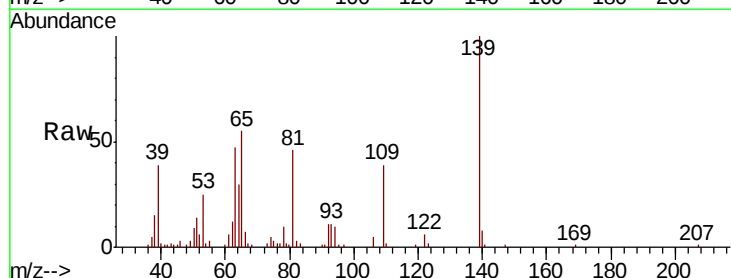
Tgt Ion: 139 Resp: 60927

Ion Ratio Lower Upper

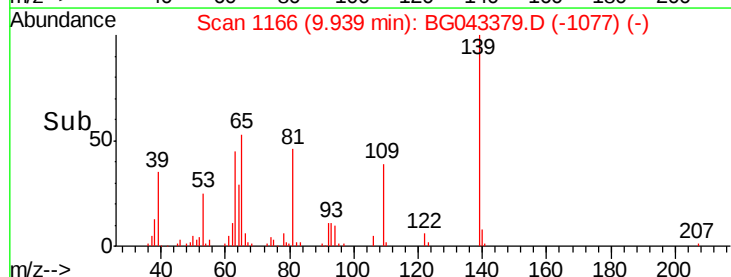
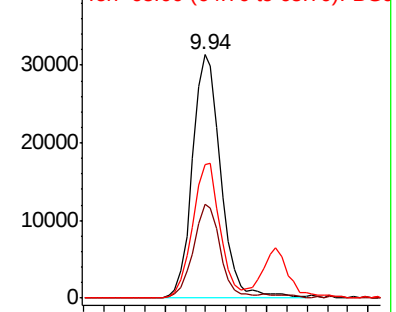
139 100

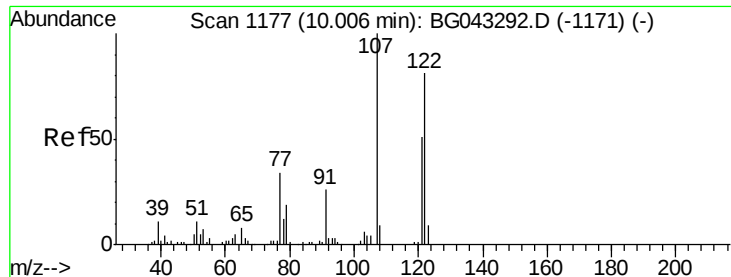
109 38.7 30.1 45.1

65 55.0 46.1 69.1



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

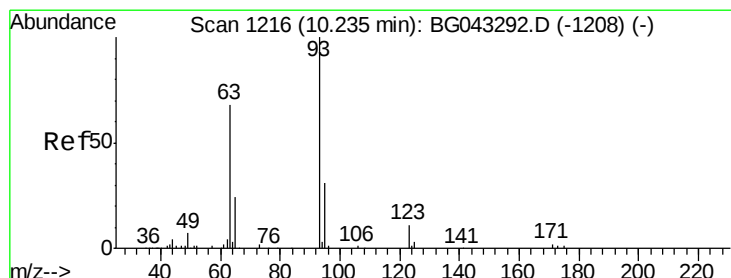
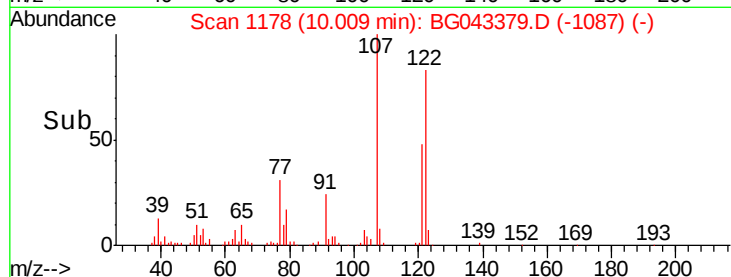
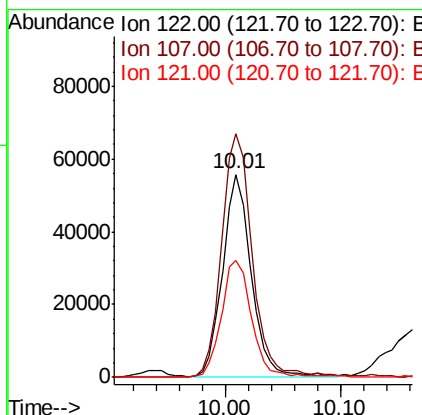
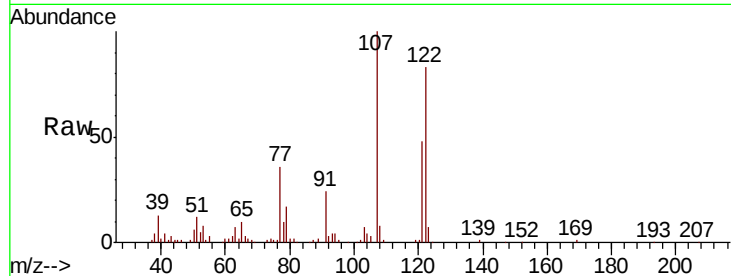




#27
 2,4-Dimethylphenol
 Concen: 46.567 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

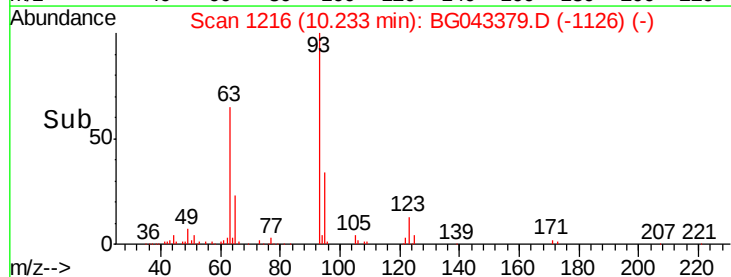
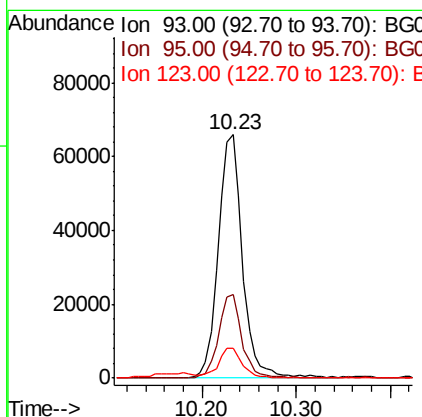
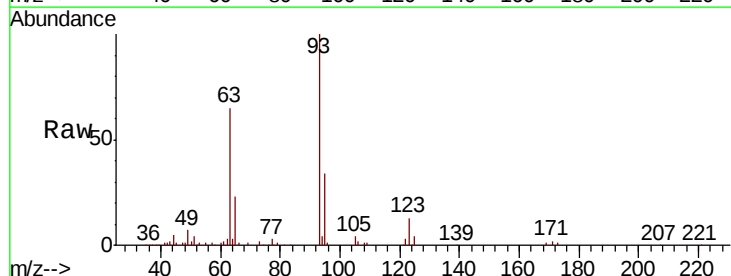
Instrument :
 BNA_G
 ClientSampled :

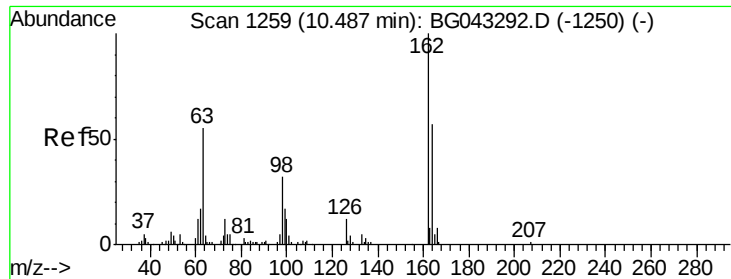
Tot Ion:122 Resp: 97026
 Ion Ratio Lower Upper
 122 100
 107 119.9 98.6 147.8
 121 57.8 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.155 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Tgt Ion: 93 Resp: 118508
 Ion Ratio Lower Upper
 93 100
 95 34.2 24.9 37.3
 123 12.5 8.9 13.3

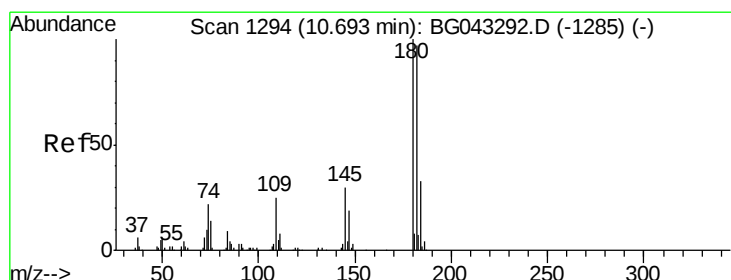
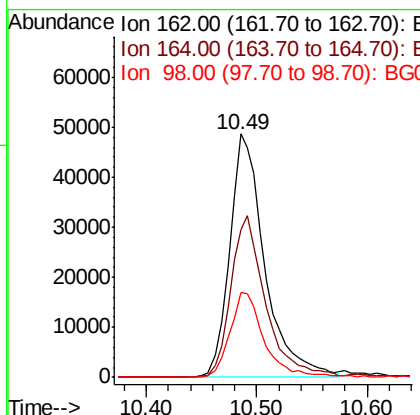
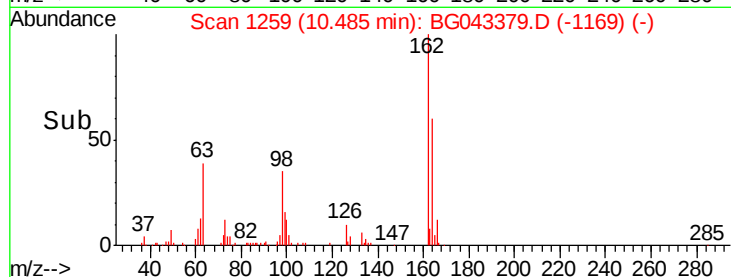
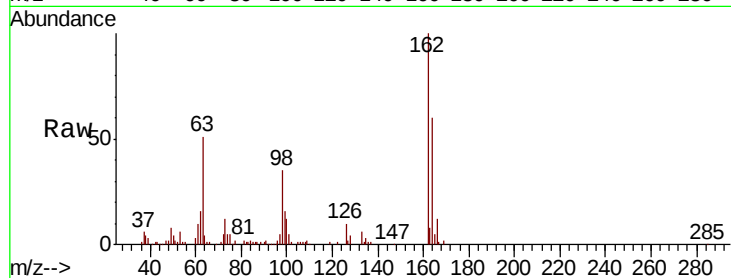




#29
 2,4-Dichlorophenol
 Concen: 40.594 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

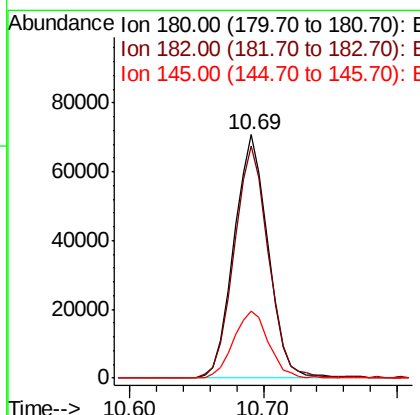
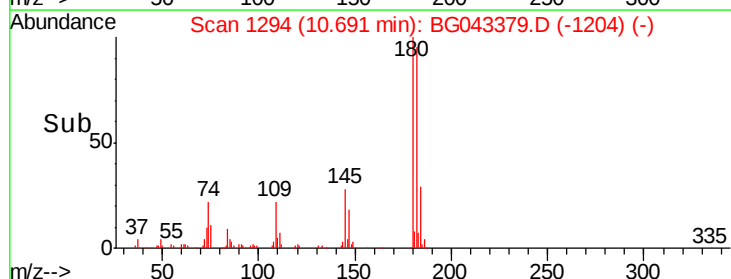
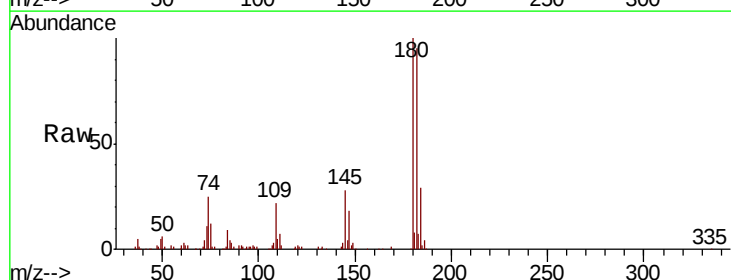
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	37.3	77.3
98	35.1	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.085 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.8	116.8
145	27.7	23.6	35.4

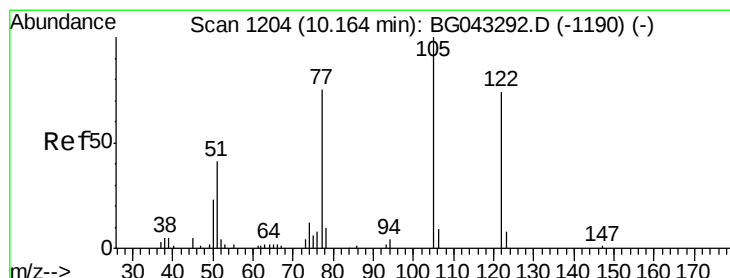
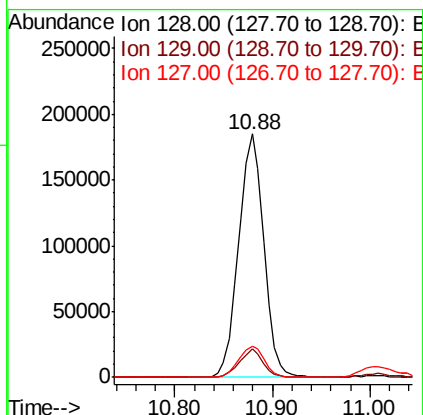
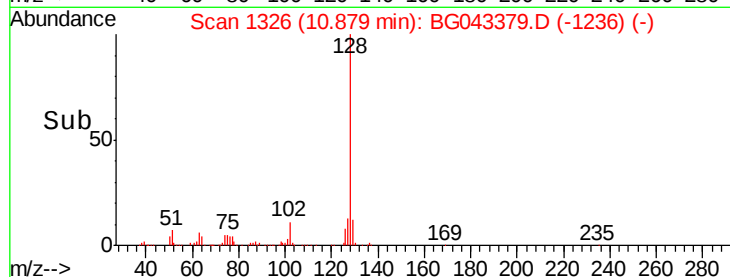
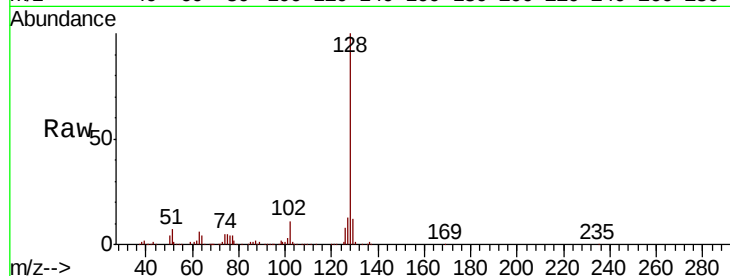




#31
Naphthalene
Concen: 40.171 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

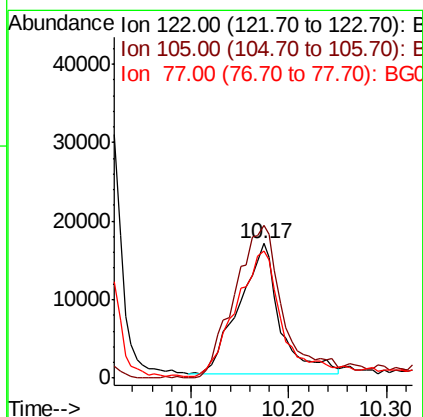
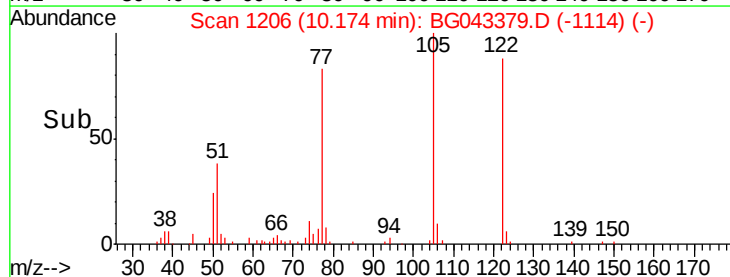
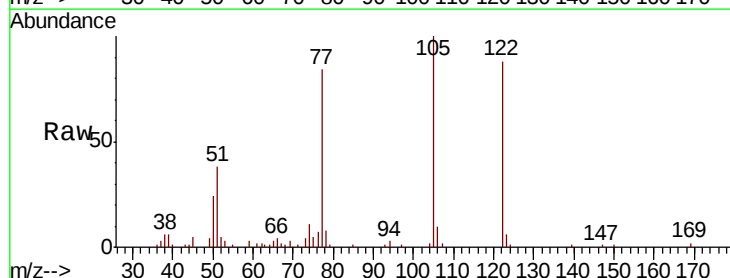
Instrument :
BNA_G
ClientSampleId :

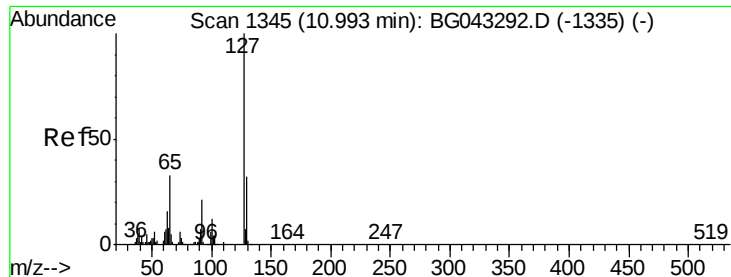
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	12.9	11.5	17.3



#32
Benzoic acid
Concen: 33.379 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.0	112.4	152.4
77	94.8	82.7	122.7

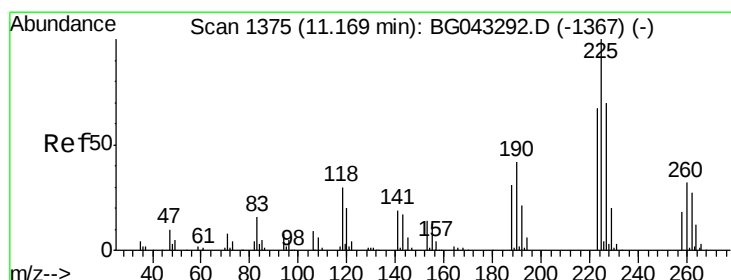
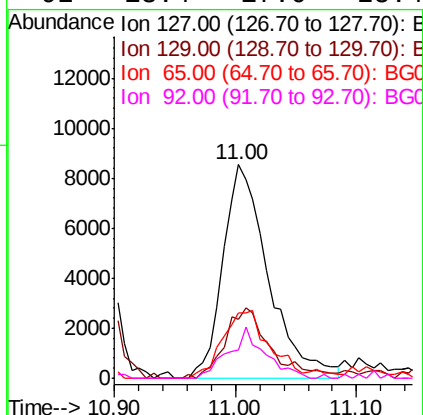
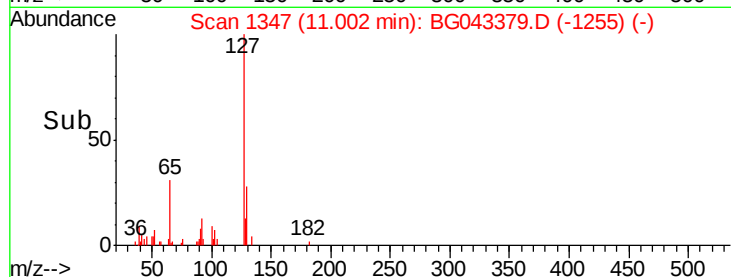
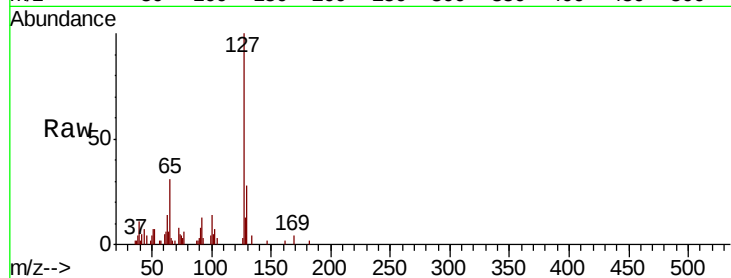




#33
4-Chloroaniline
Concen: 6.604 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

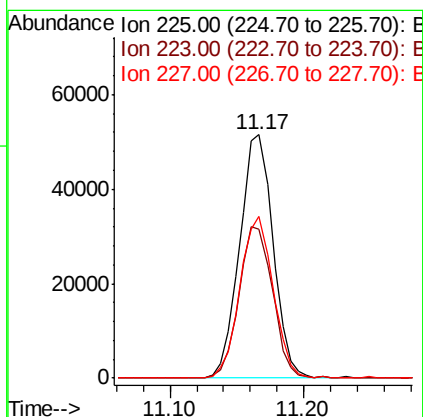
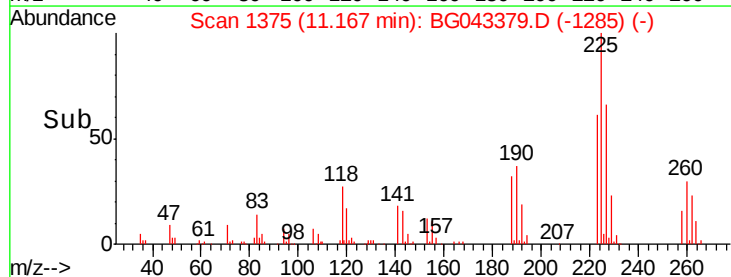
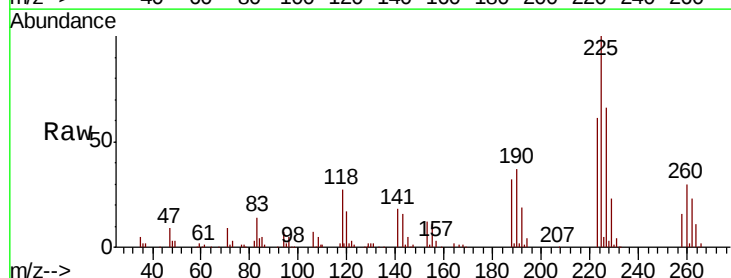
Instrument :
BNA_G
ClientSampled :

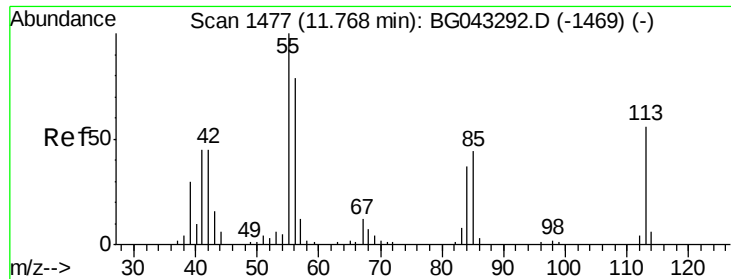
Tot Ion:127 Resp: 22391
Ion Ratio Lower Upper
127 100
129 27.9 25.8 38.8
65 30.7 26.2 39.2
92 13.4 17.0 25.4#



#34
Hexachlorobutadiene
Concen: 35.876 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:225 Resp: 89233
Ion Ratio Lower Upper
225 100
223 61.1 53.2 79.8
227 66.3 56.2 84.2

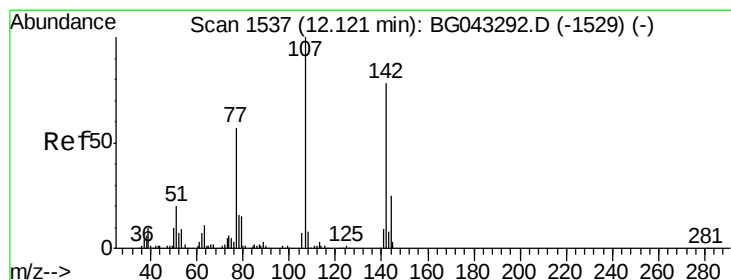
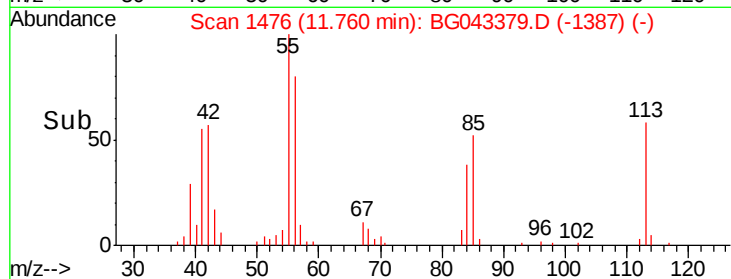
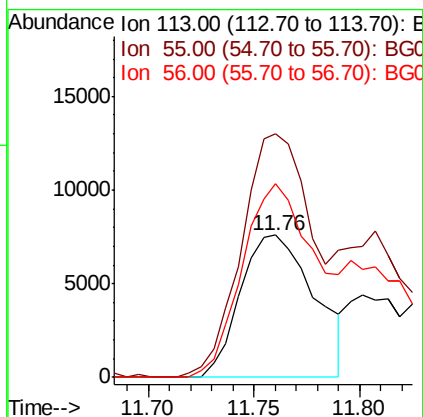
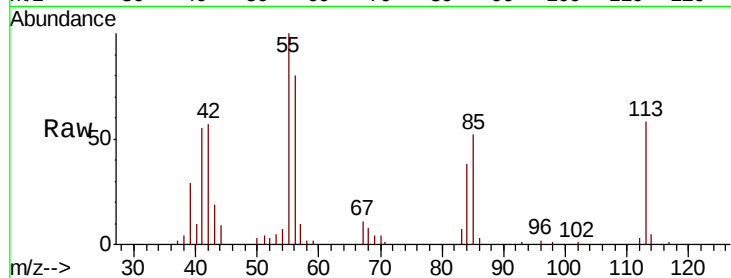




#35
Caprolactam
Concen: 20.131 ng
RT: 11.76 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

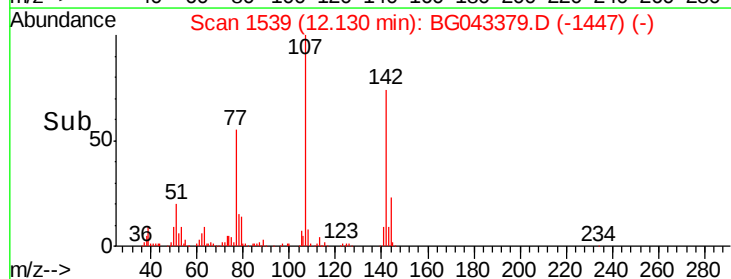
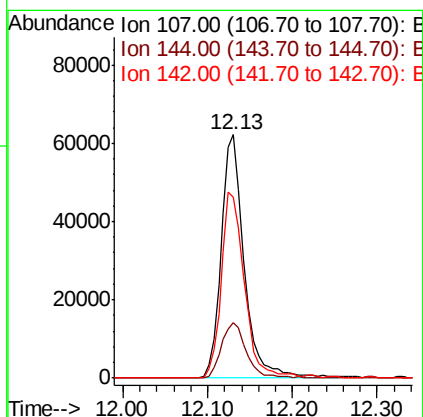
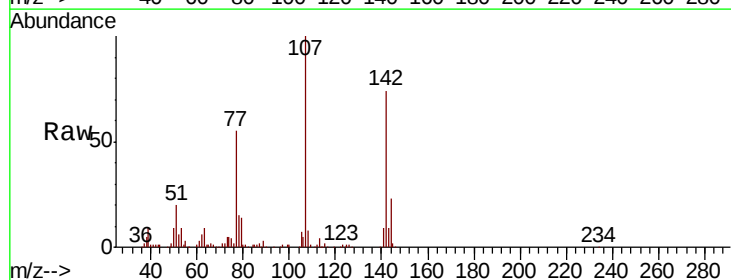
Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 18509
Ion Ratio Lower Upper
113 100
55 171.0 158.9 198.9
56 136.3 121.4 161.4



#36
4-Chloro-3-methylphenol
Concen: 40.235 ng
RT: 12.13 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:107 Resp: 117164
Ion Ratio Lower Upper
107 100
144 23.0 19.9 29.9
142 74.3 62.1 93.1

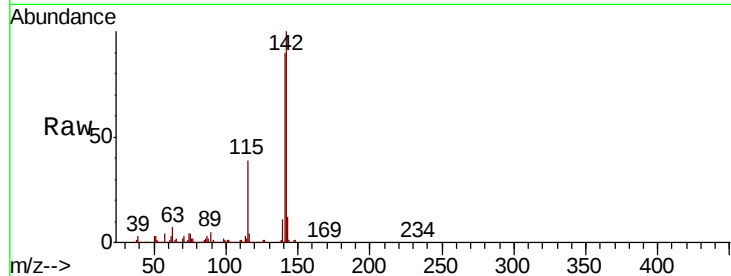




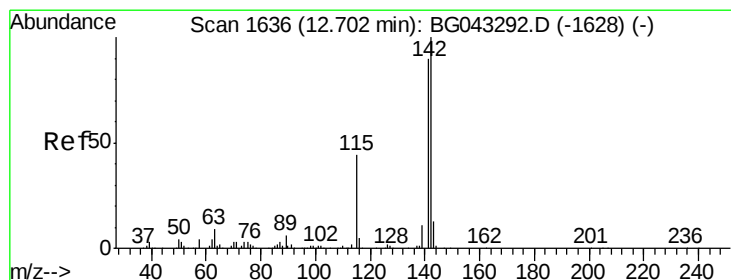
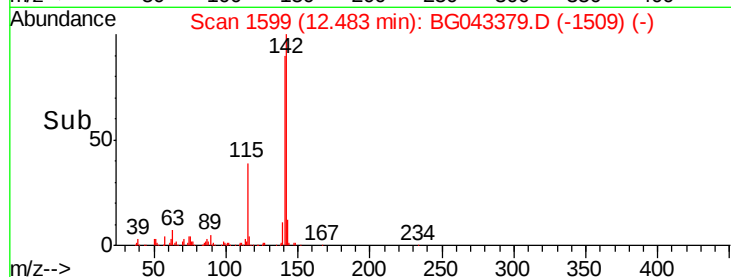
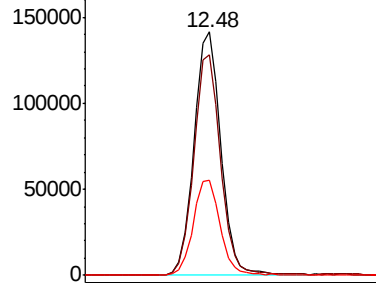
#37
2-Methylnaphthalene
Concen: 39.222 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.7	104.5
115	39.1	30.6	46.0

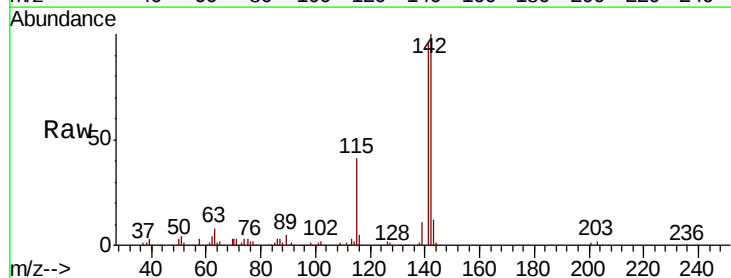


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

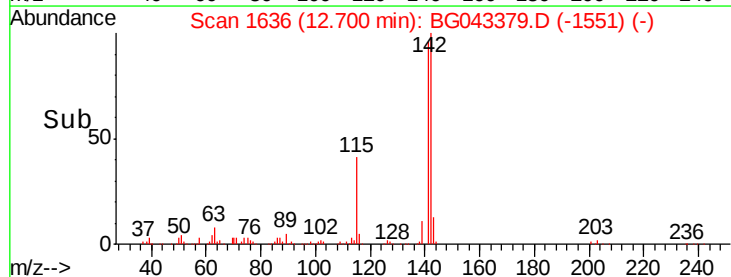
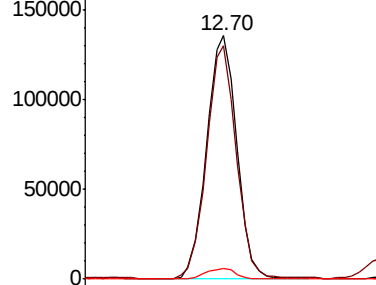


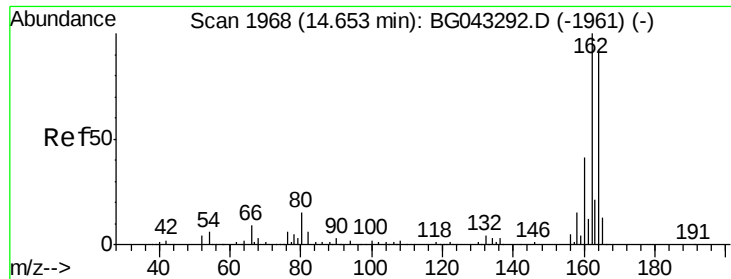
#38
1-Methylnaphthalene
Concen: 38.987 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	72.3	108.5
116	4.6	3.8	5.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

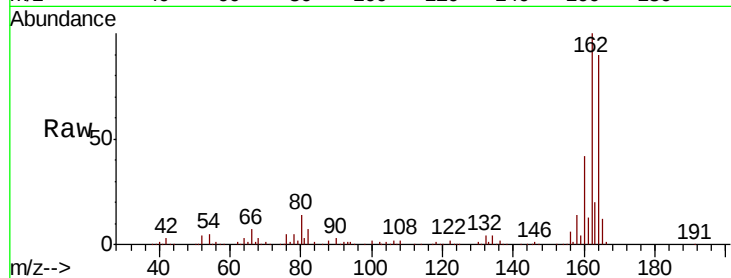
Tot Ion:164 Resp: 115185

Ion Ratio Lower Upper

164 100

162 110.6 87.0 130.4

160 45.9 35.5 53.3

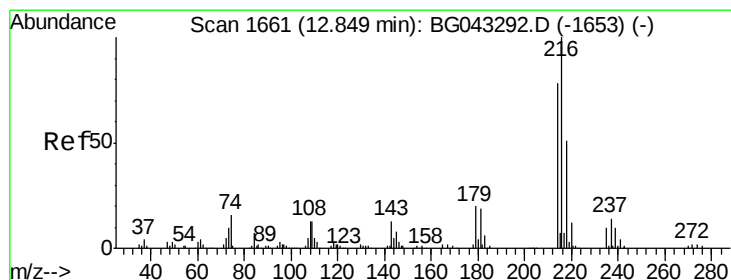
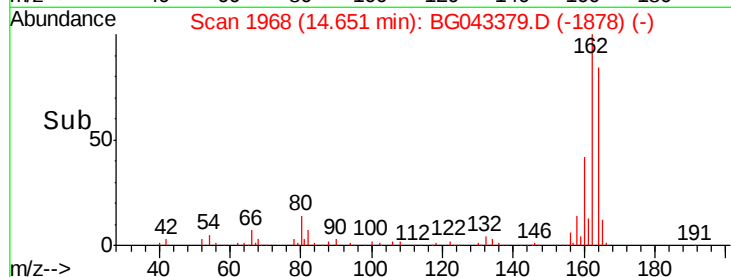
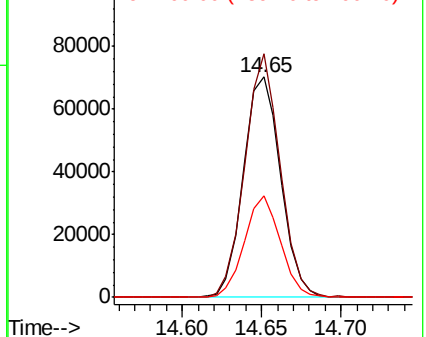


Abundance

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: 37.313 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Tgt Ion:216 Resp: 159059

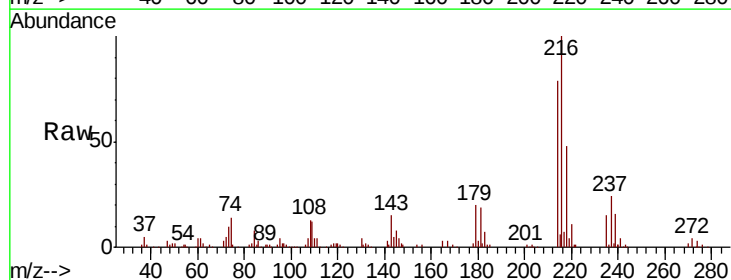
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 20.1 16.2 24.2

108 15.8 11.2 16.8



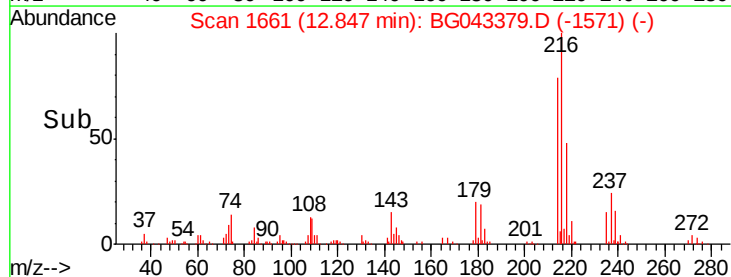
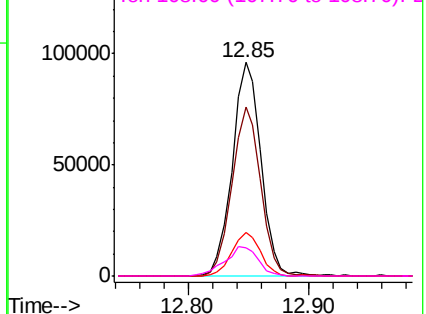
Abundance

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

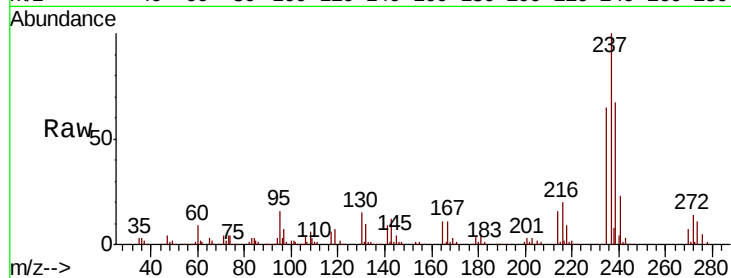




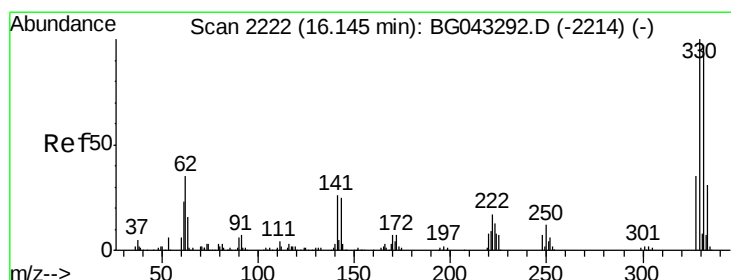
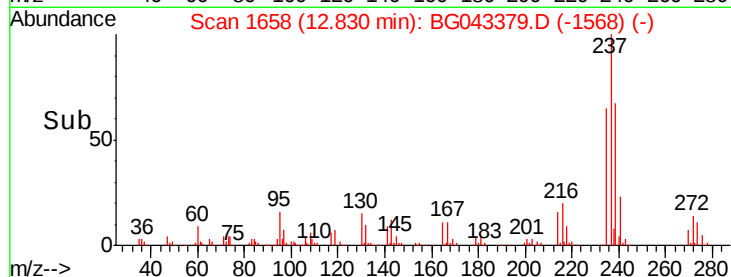
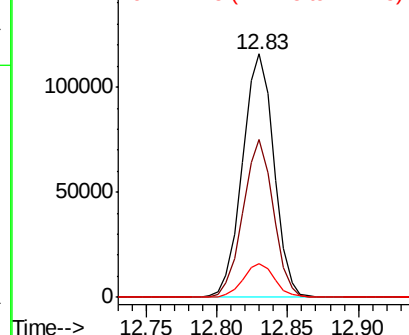
#41
Hexachlorocyclopentadiene
Concen: 80.677 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 180660
Ion Ratio Lower Upper
237 100
235 65.0 40.3 80.3
272 13.8 0.0 32.9

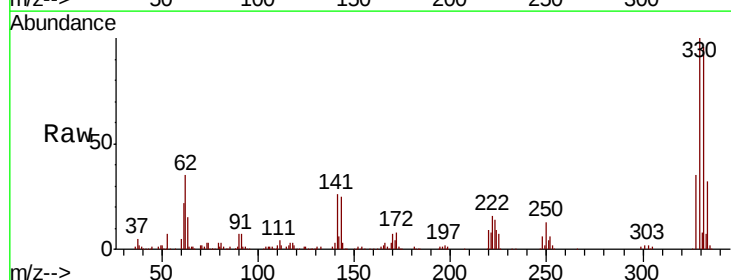


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

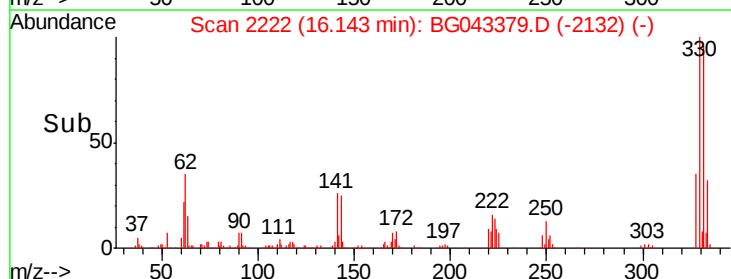
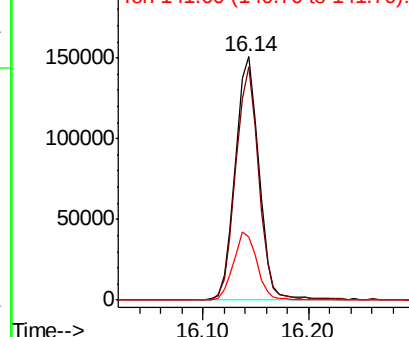


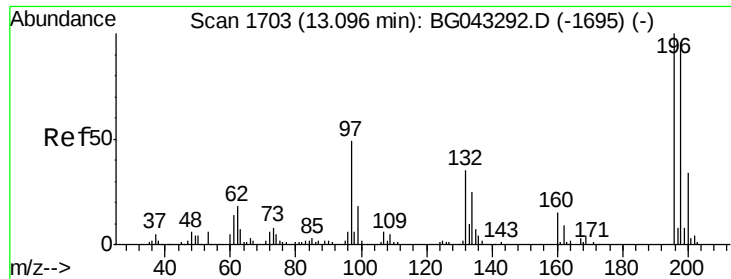
#42
2,4,6-Tribromophenol
Concen: 106.089 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:330 Resp: 232544
Ion Ratio Lower Upper
330 100
332 93.8 76.4 114.6
141 27.9 21.4 32.0



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

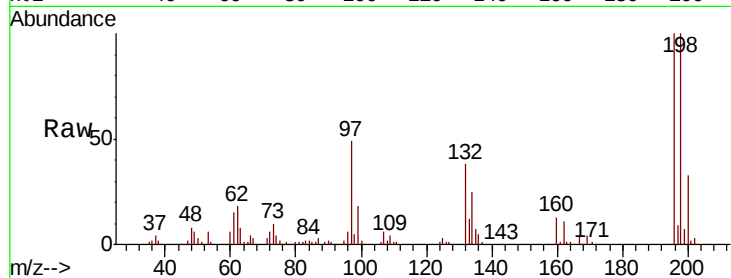




#43
 2,4,6-Trichlorophenol
 Concen: 40.118 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	100713
Ion Ratio	Lower	Upper	
196	100		
198	99.8	77.0	115.4
200	33.4	27.4	41.2

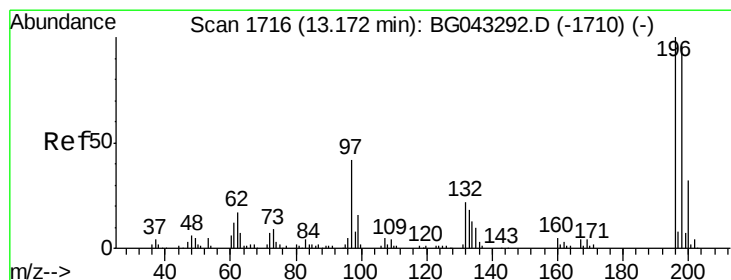
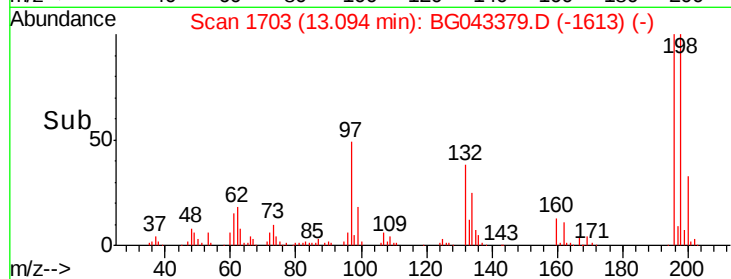
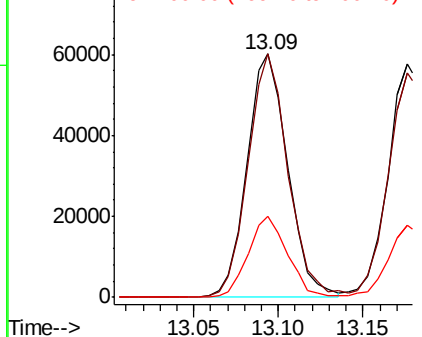


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.601 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Tgt Ion	196	Resp	110658
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.6	114.8
97	44.9	34.1	51.1
132	22.8	18.2	27.4

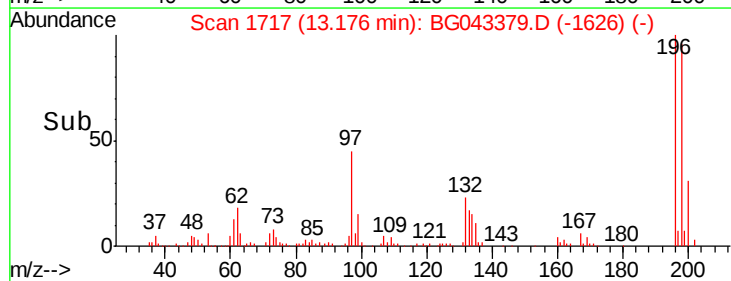
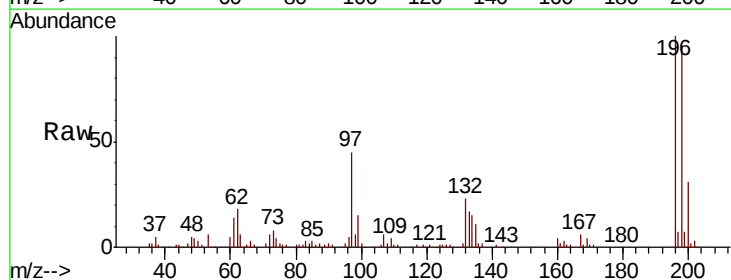
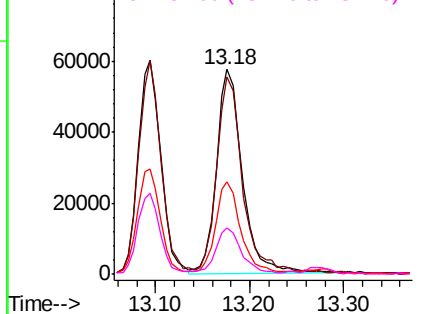
Abundance

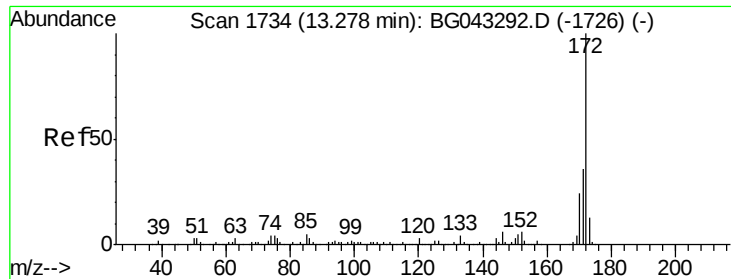
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

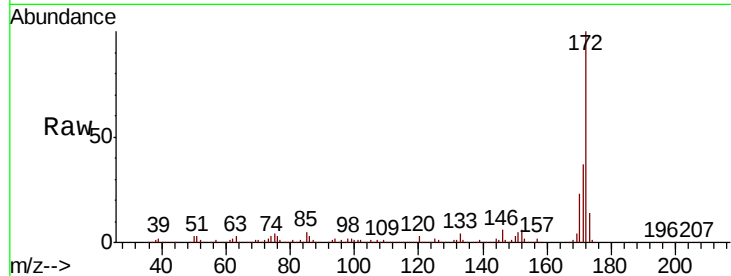




#45
 2-Fluorobiphenyl
 Concen: 72.187 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	23.4	18.8	28.2

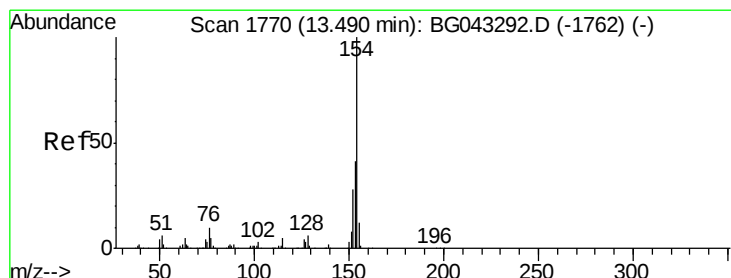
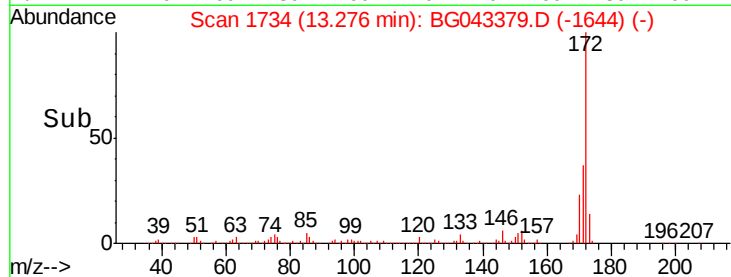
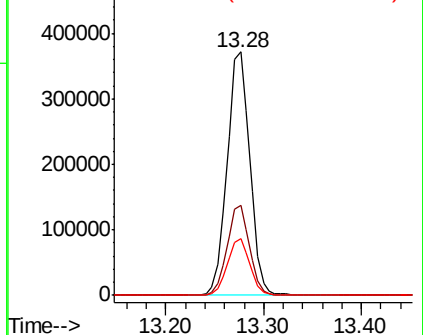


Abundance

Ion 172.00 (171.70 to 172.70): E

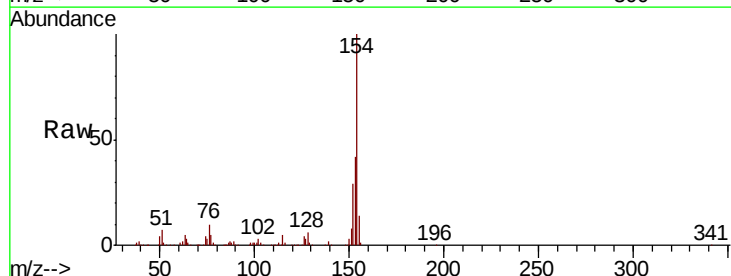
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 37.638 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.0	61.0
76	10.0	0.0	29.8

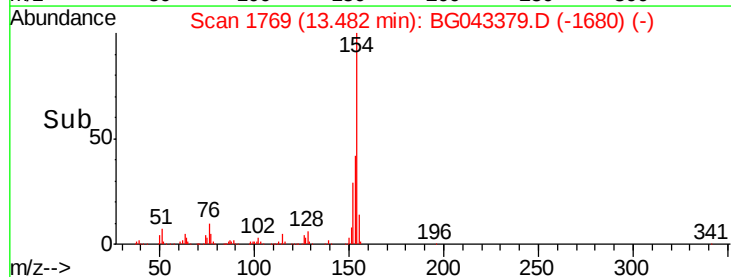
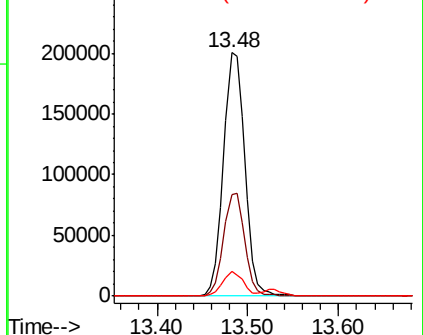


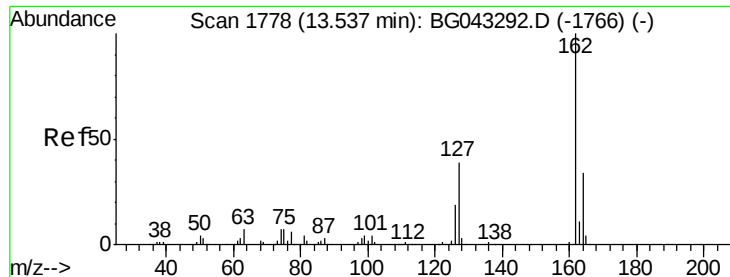
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

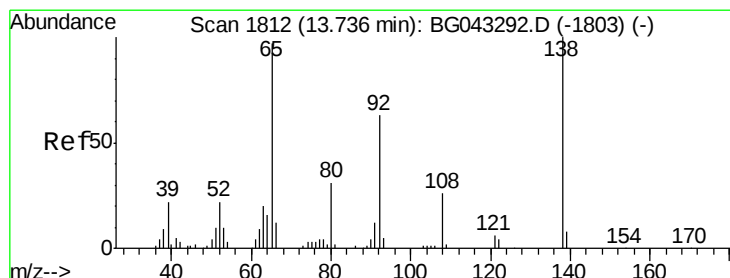
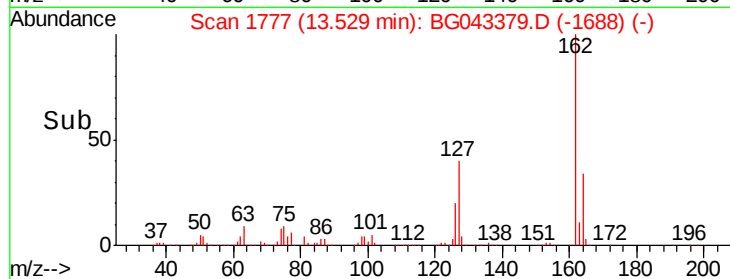
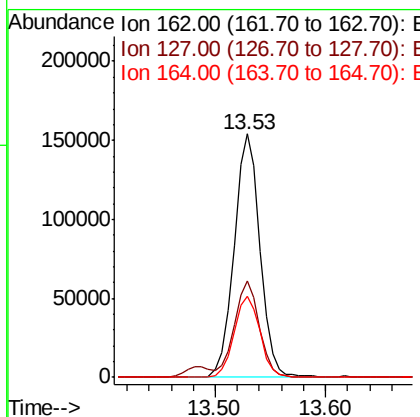
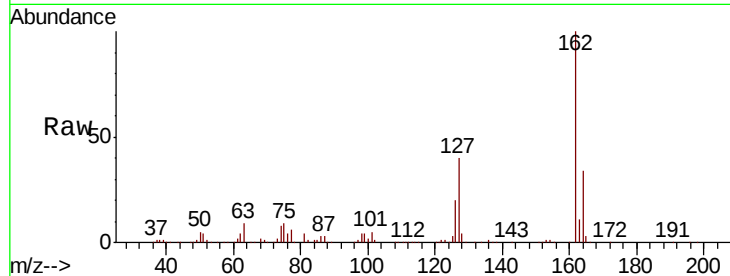




#47
2-Chloronaphthalene
Concen: 37.922 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

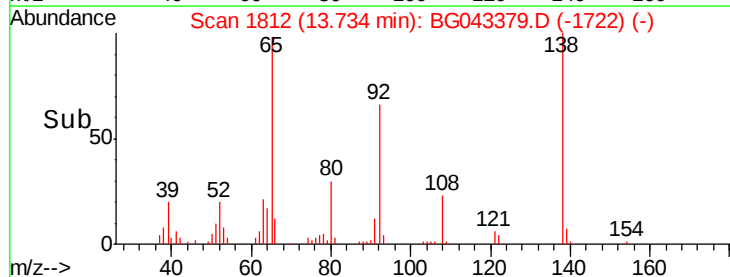
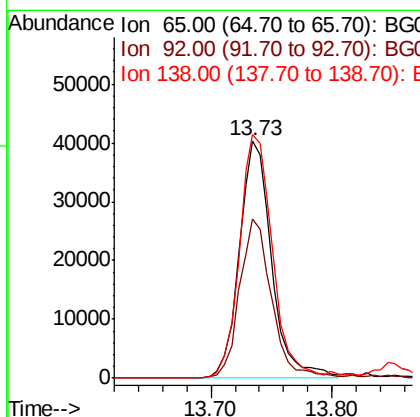
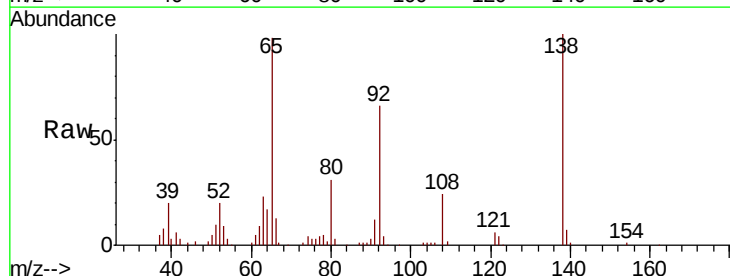
Instrument :
BNA_G
ClientSampleId :

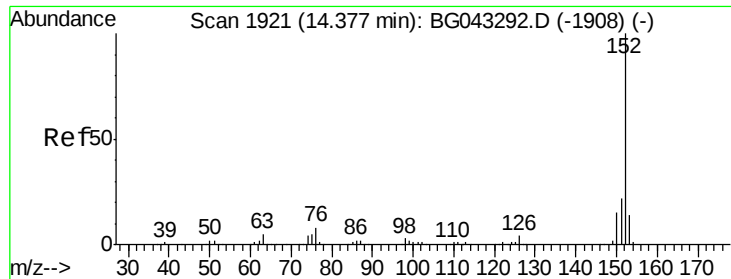
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.3	46.9
164	33.5	26.8	40.2



#48
2-Nitroaniline
Concen: 37.691 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	52.6	79.0
138	102.4	82.9	124.3





#49

Acenaphthylene

Concen: 40.427 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

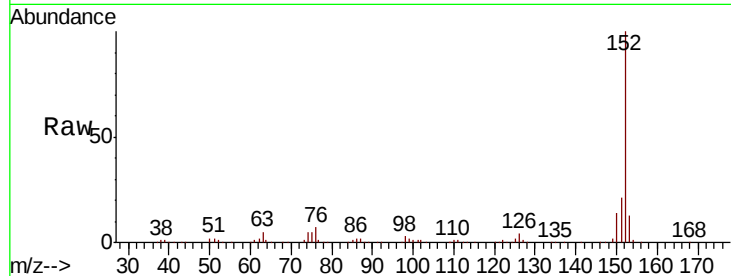
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 419499

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.2	11.0	16.6

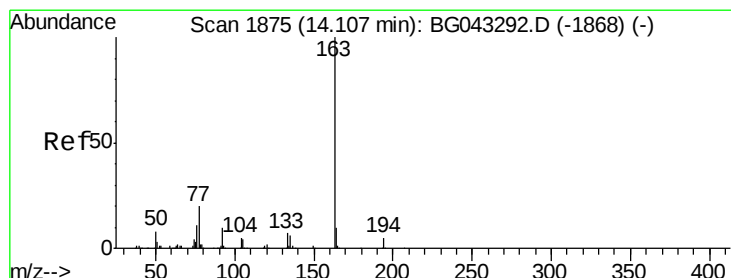
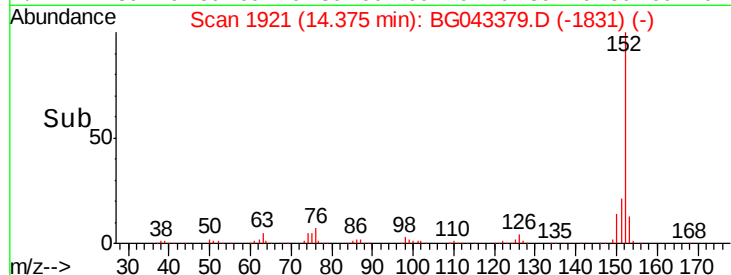
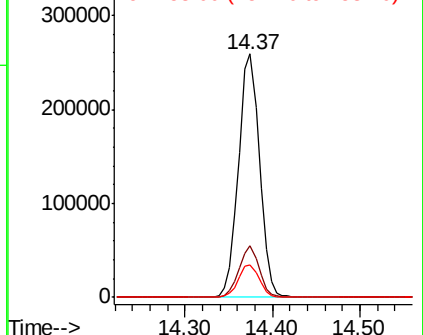


Abundance

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: 47.414 ng

RT: 14.10 min Scan# 1875

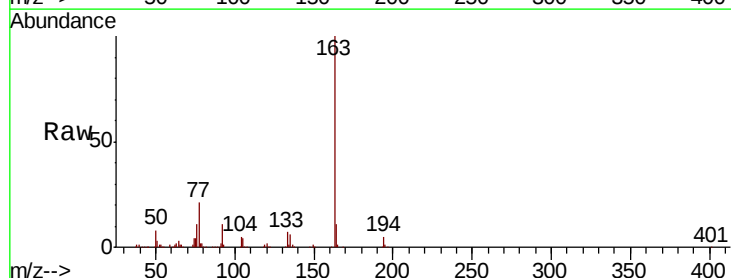
Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Tgt Ion:163 Resp: 423020

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.7	5.5
164	10.9	8.1	12.1

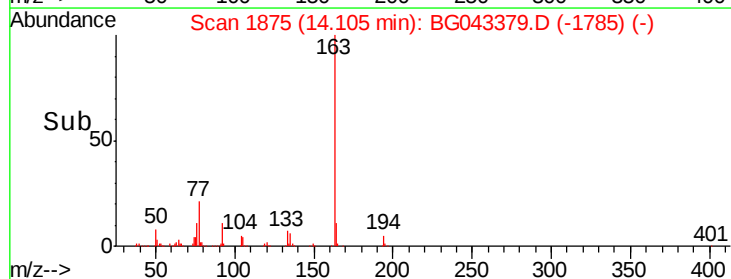
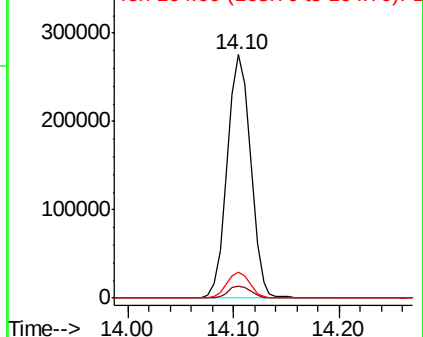


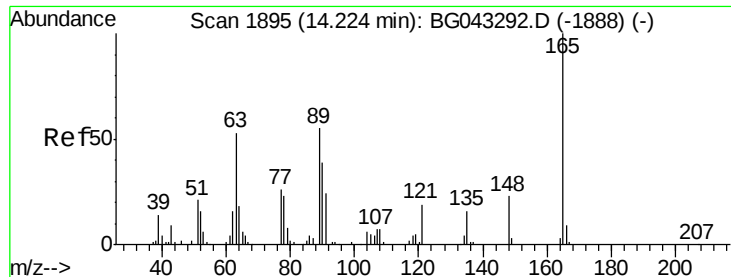
Abundance

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

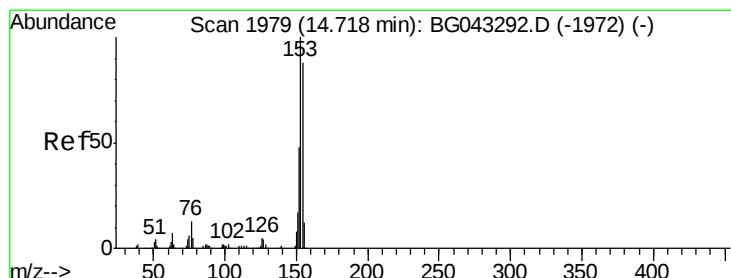
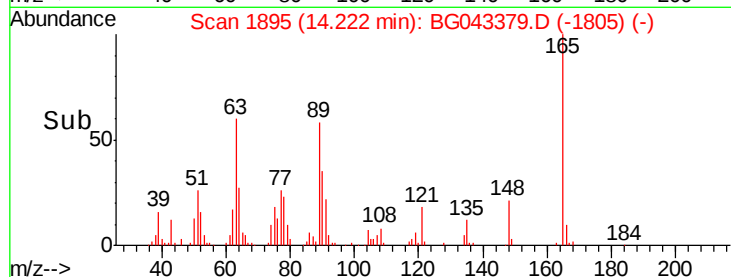
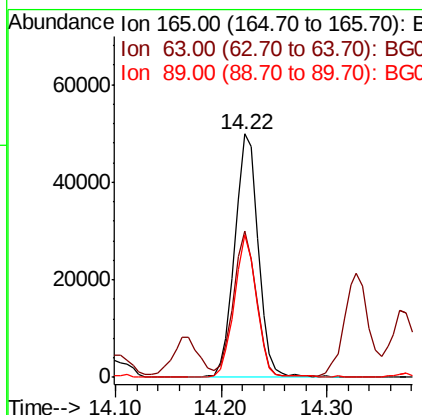
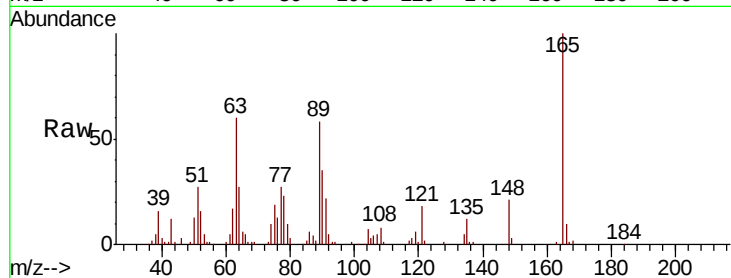




#51
 2,6-Dinitrotoluene
 Concen: 39.302 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

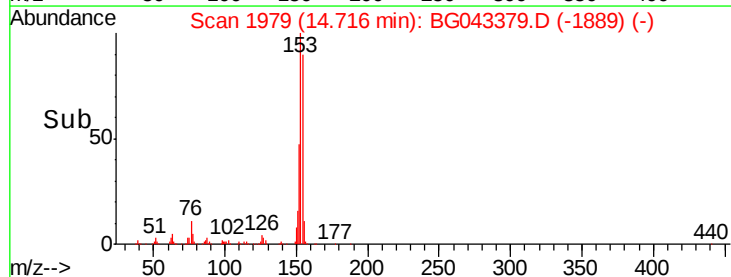
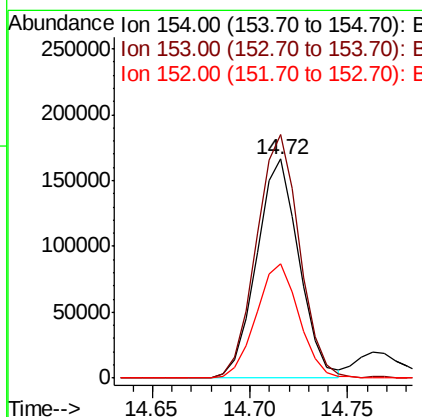
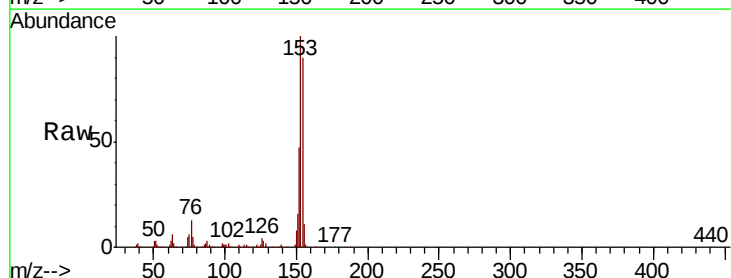
Instrument :
 BNA_G
 ClientSampleId :

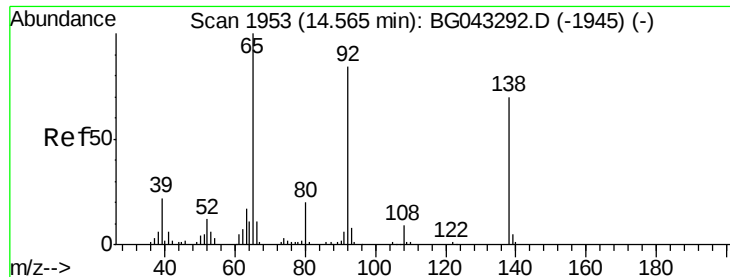
Tot Ion:165 Resp: 76178
 Ion Ratio Lower Upper
 165 100
 63 59.9 47.1 70.7
 89 58.4 43.7 65.5



#52
 Acenaphthene
 Concen: 39.475 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Tgt Ion:154 Resp: 249797
 Ion Ratio Lower Upper
 154 100
 153 111.1 90.9 136.3
 152 52.1 43.9 65.9

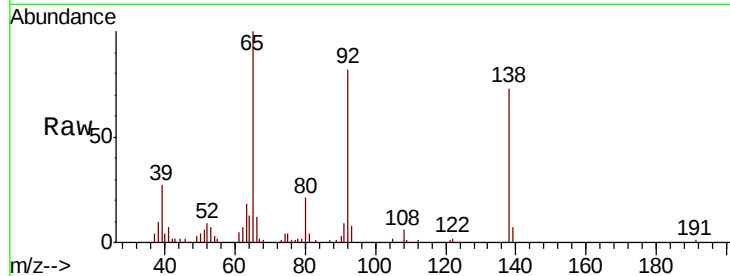




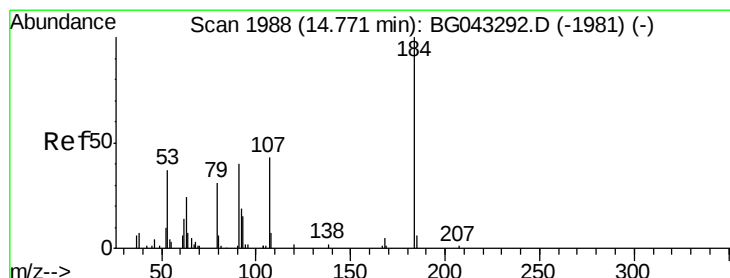
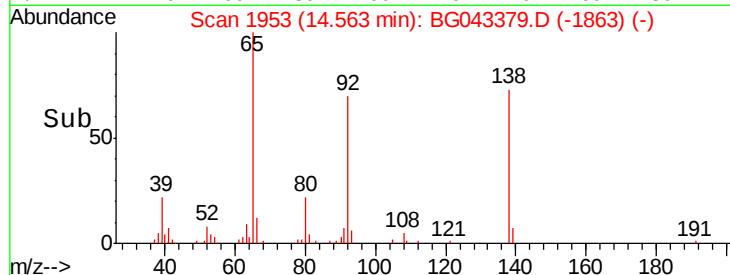
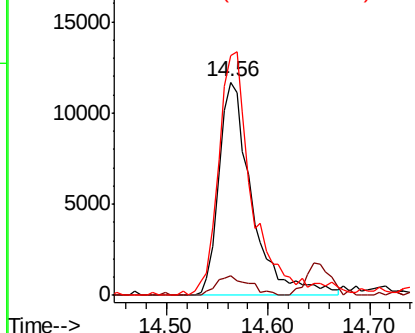
#53
3-Nitroaniline
Concen: 14.098 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 26383
Ion Ratio Lower Upper
138 100
108 8.9 9.8 14.6#
92 112.7 95.8 143.6

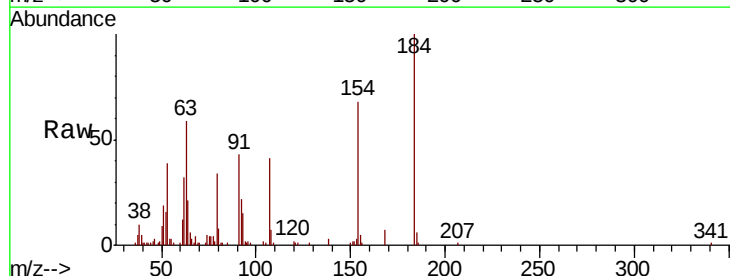


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

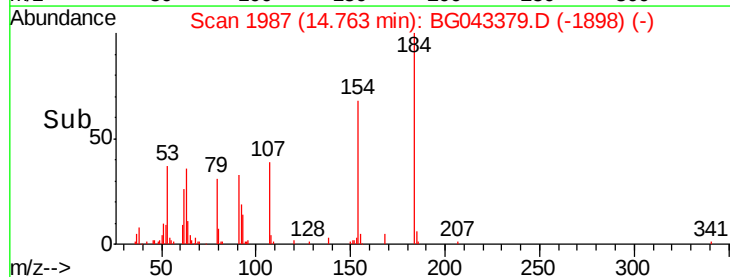
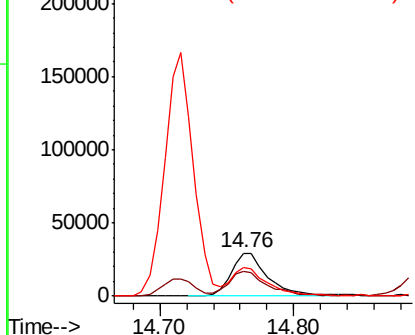


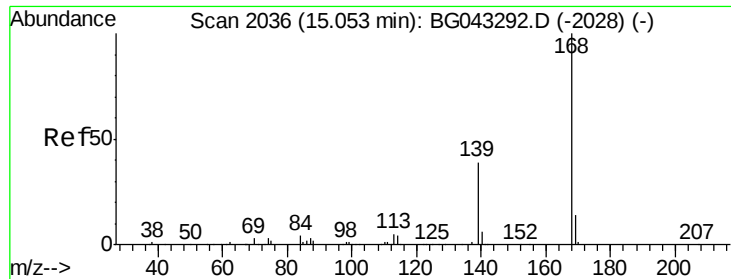
#54
2,4-Dinitrophenol
Concen: 49.393 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:184 Resp: 56072
Ion Ratio Lower Upper
184 100
63 58.8 48.8 73.2
154 67.7 49.4 74.0



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

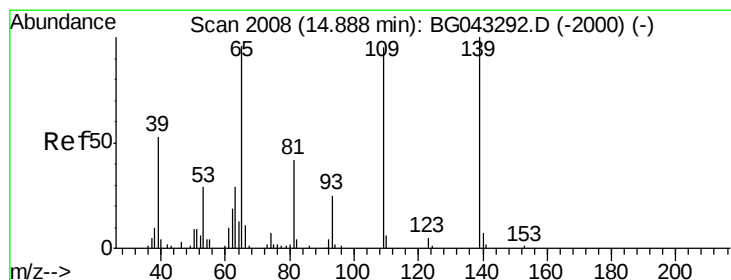
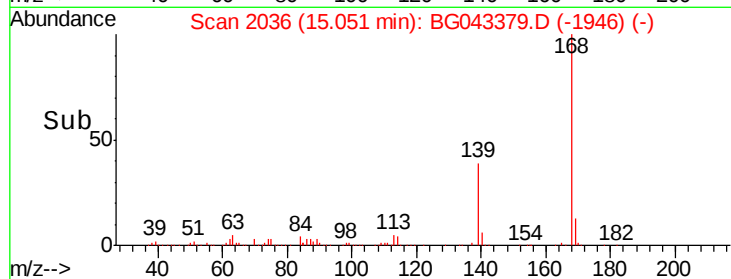
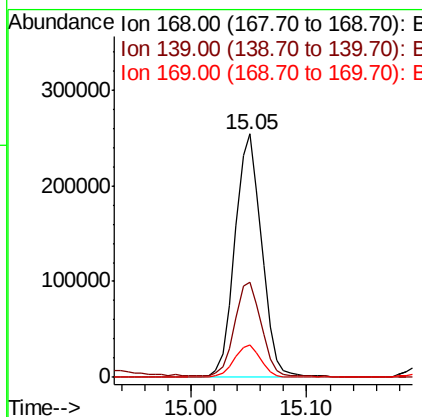
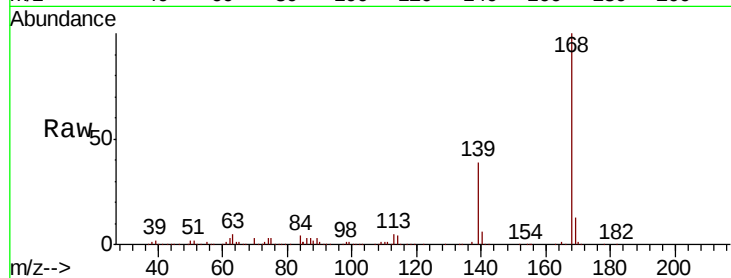




#55
Dibenzenofuran
Concen: 39.782 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

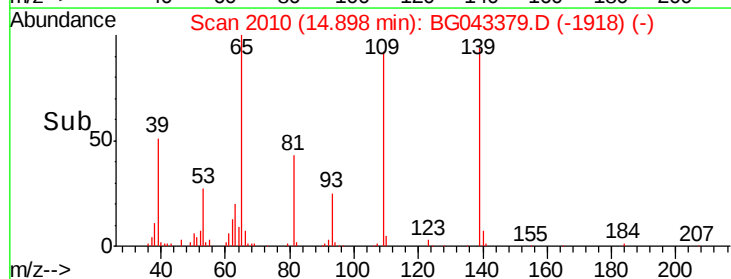
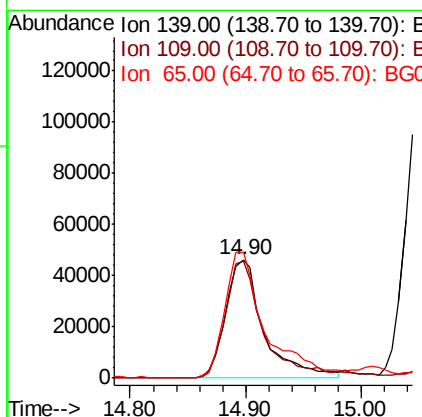
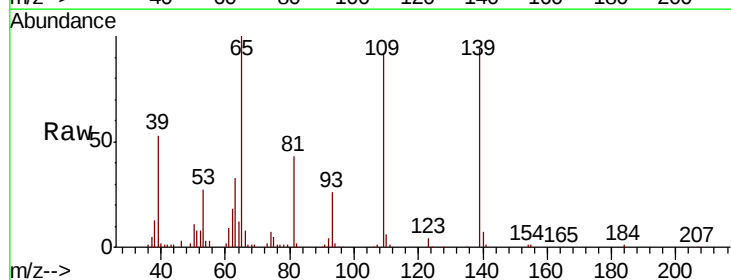
Instrument :
BNA_G
ClientSampleId :

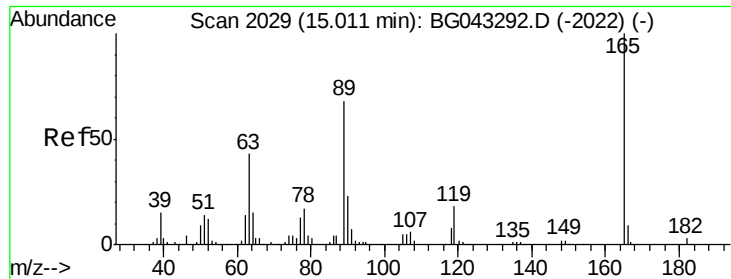
Tot Ion:168 Resp: 408243
Ion Ratio Lower Upper
168 100
139 39.0 31.7 47.5
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 85.296 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:139 Resp: 106966
Ion Ratio Lower Upper
139 100
109 97.9 75.4 115.4
65 106.0 76.6 116.6

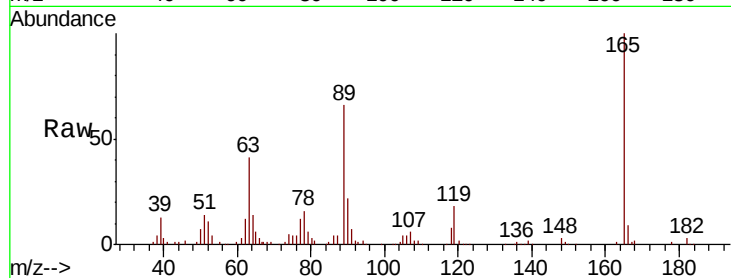




#57
2,4-Dinitrotoluene
Concen: 38.742 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	35.0	52.6
89	65.8	54.1	81.1
182	3.0	2.2	3.2



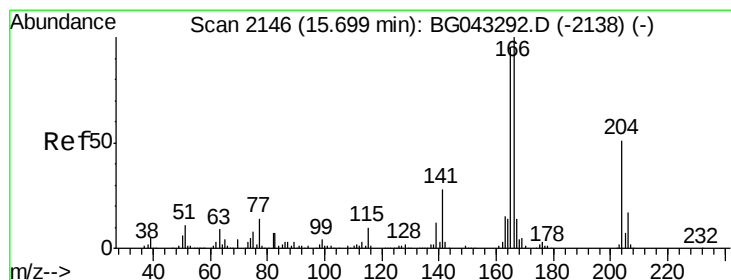
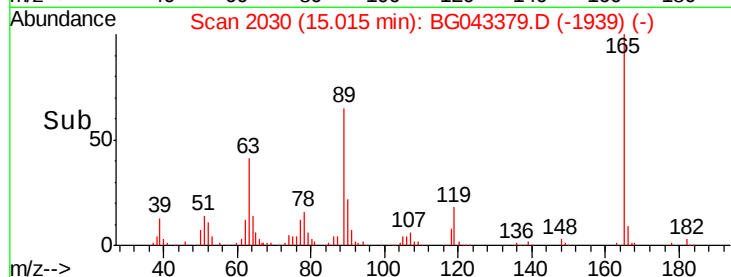
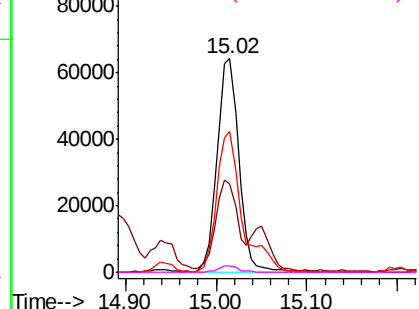
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

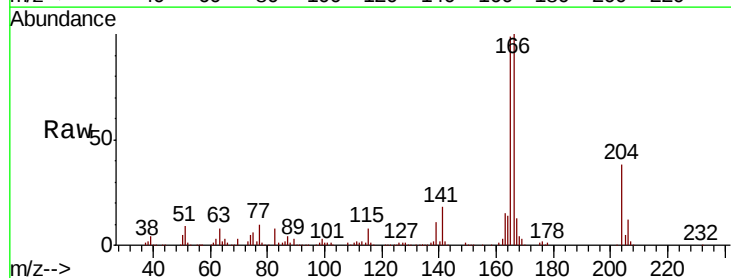
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.036 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.4	114.6
167	13.2	11.1	16.7

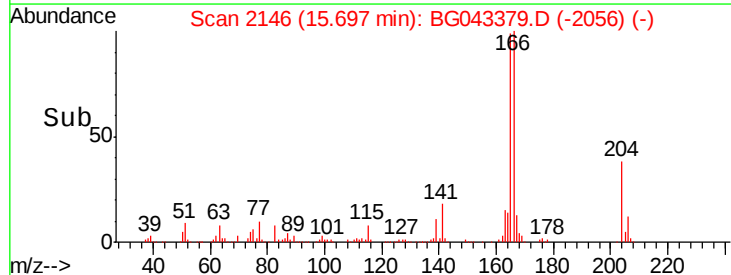
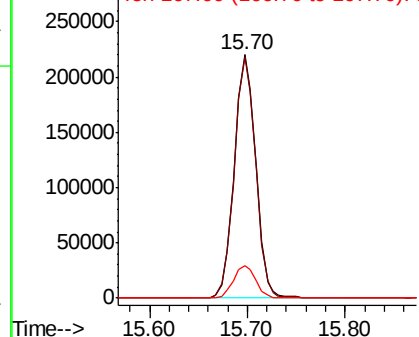


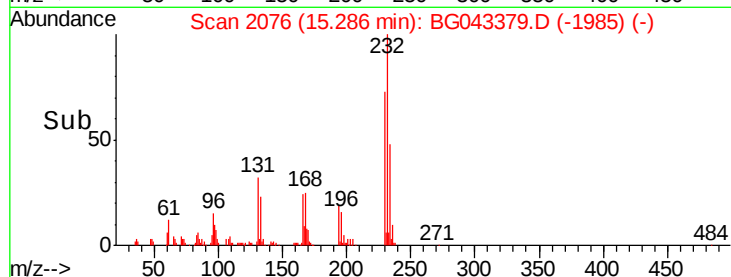
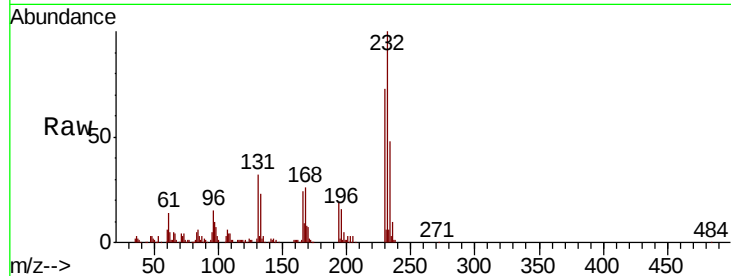
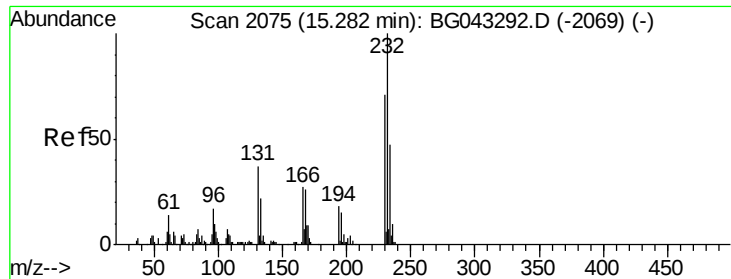
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

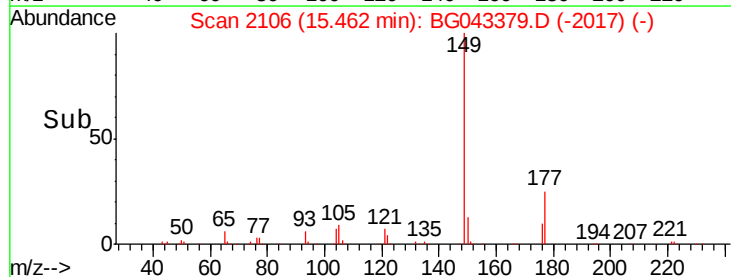
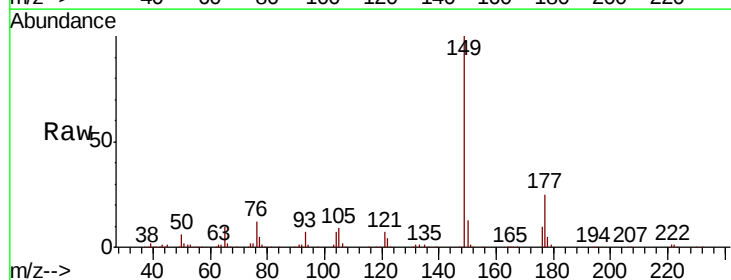
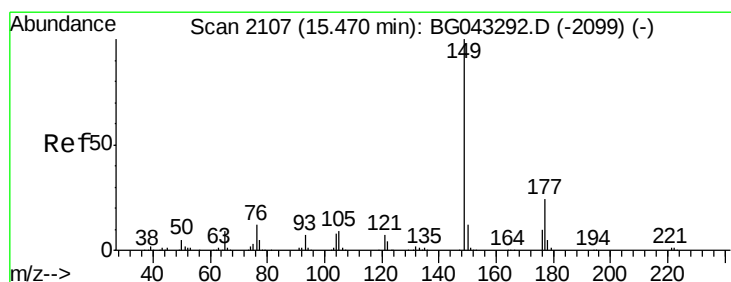
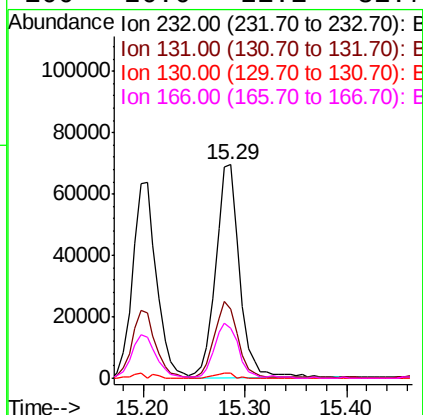




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.942 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

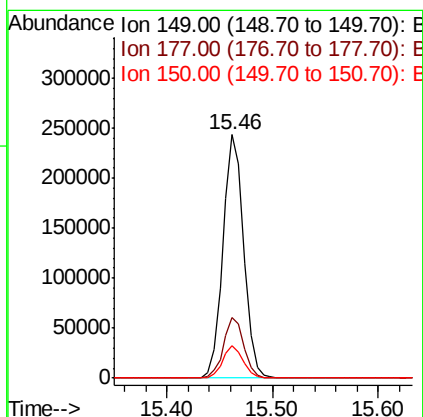
Instrument :
BNA_G
ClientSampleId :

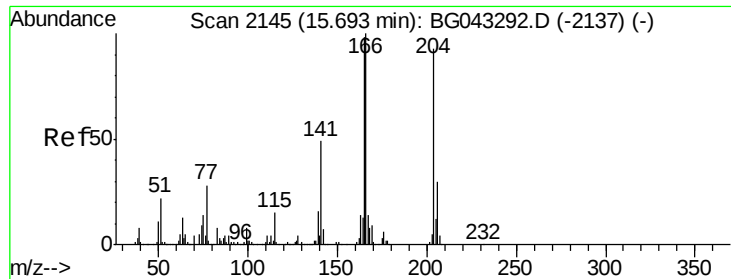
Tot Ion	Ratio	Lower	Upper
232	100		
131	35.2	28.7	43.1
130	1.9	0.6	0.8
166	26.6	21.1	31.7



#60
Diethylphthalate
Concen: 36.982 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.0	28.4
150	13.2	9.4	14.0

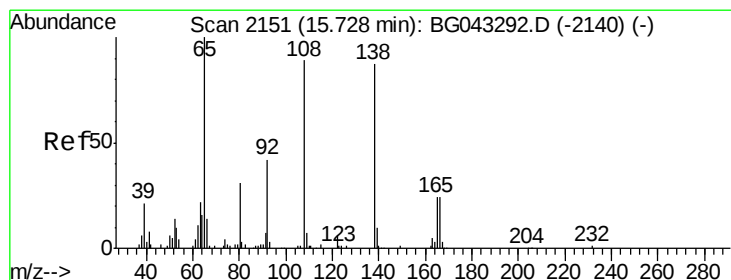
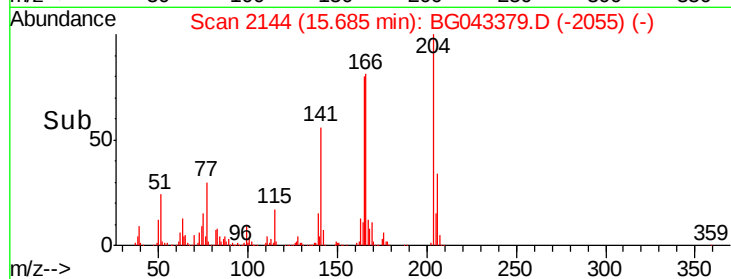
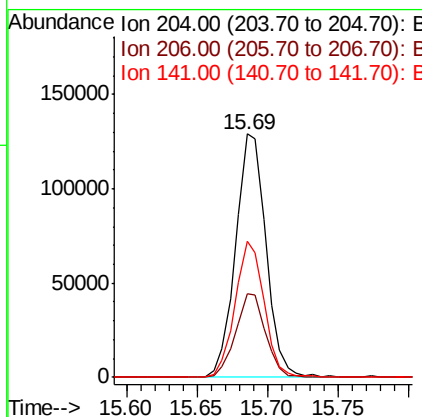
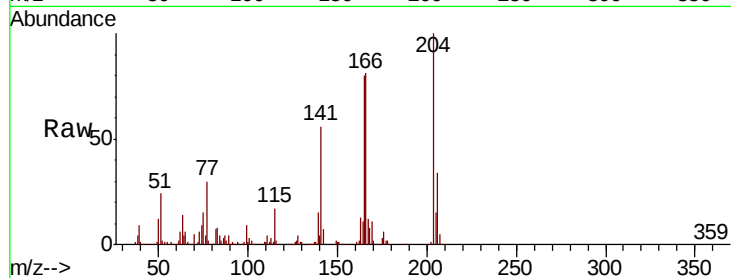




#61
4-Chlorophenyl-phenylether
Concen: 38.532 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

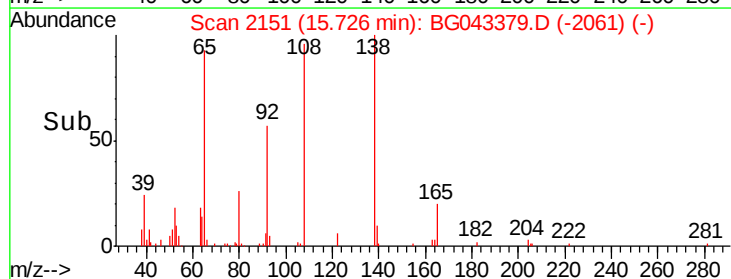
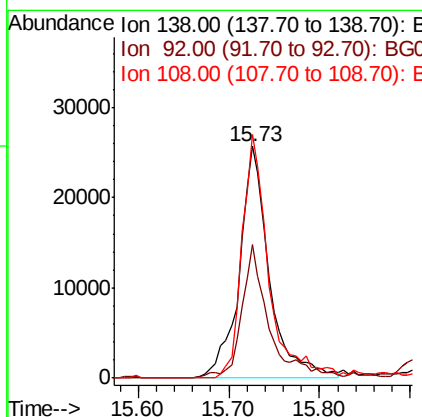
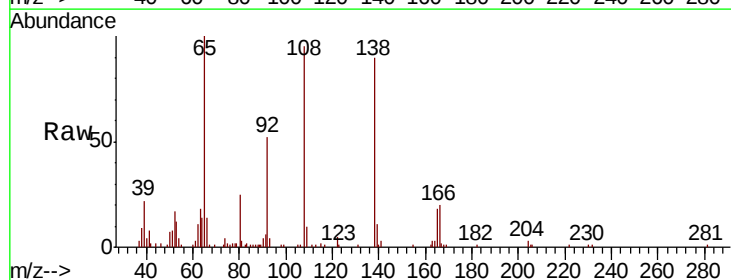
Instrument :
BNA_G
ClientSampled :

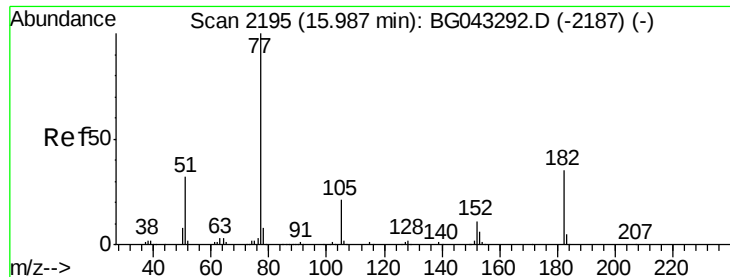
Tot Ion:204 Resp: 193467
Ion Ratio Lower Upper
204 100
206 34.4 25.7 38.5
141 55.8 42.3 63.5



#62
4-Nitroaniline
Concen: 30.655 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:138 Resp: 59245
Ion Ratio Lower Upper
138 100
92 57.9 28.8 68.8
108 105.0 82.7 122.7





#63

Azobenzene

Concen: 38.917 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 282349

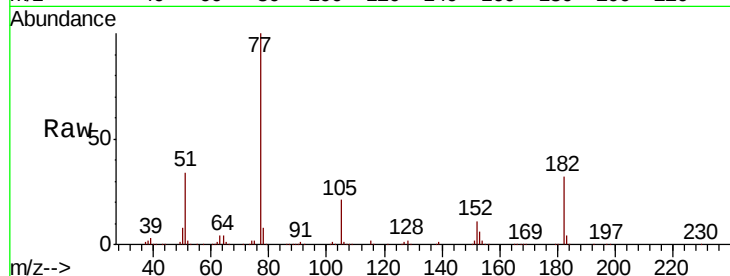
Ion Ratio Lower Upper

77 100

182 32.1 14.9 54.9

105 20.7 0.6 40.6

51 33.9 12.5 52.5

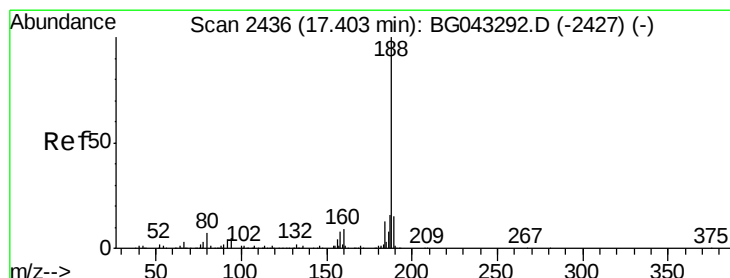
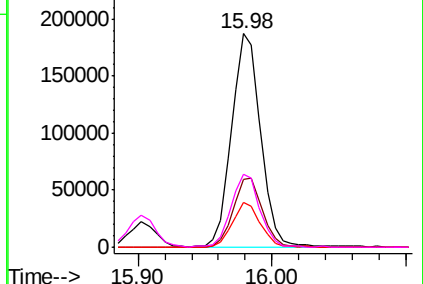
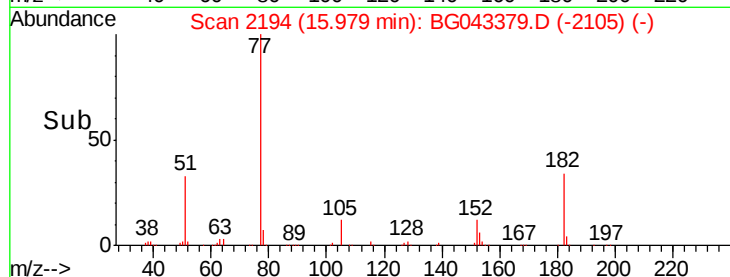


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

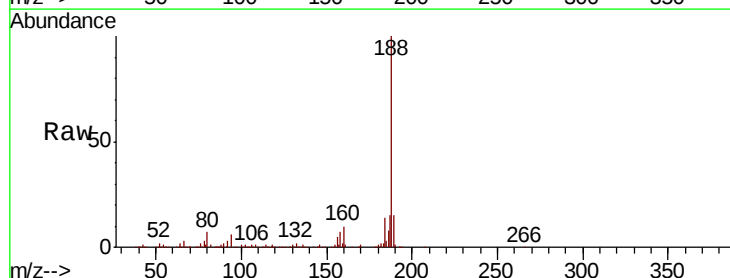
Tgt Ion: 188 Resp: 262772

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.2#

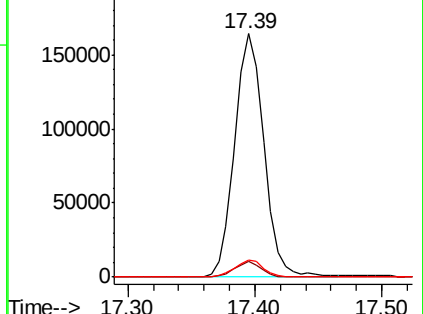
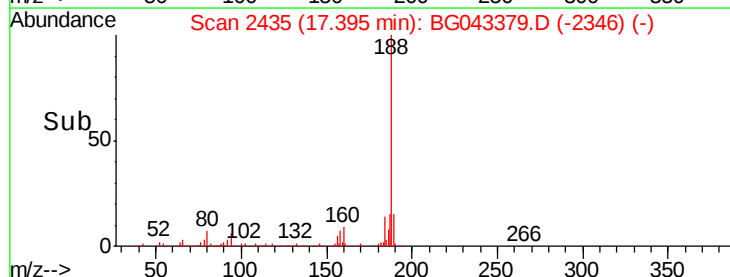
80 7.0 5.2 7.8

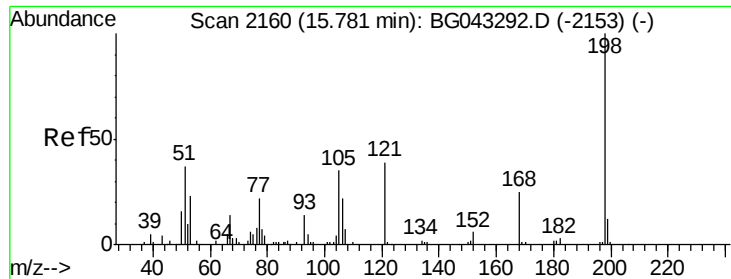


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 32.578 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

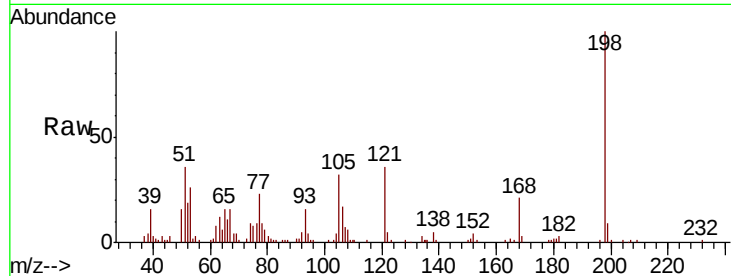
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 50379

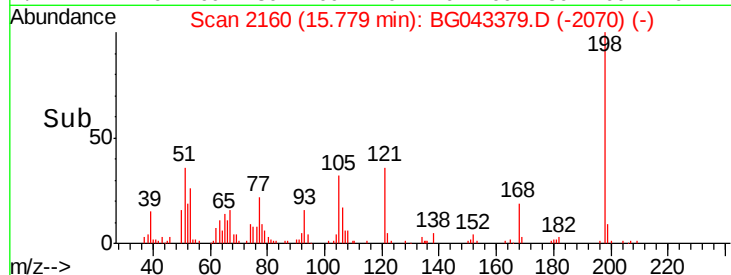
Ion	Ratio	Lower	Upper
198	100		
51	35.5	21.4	61.4
105	31.9	16.5	56.5



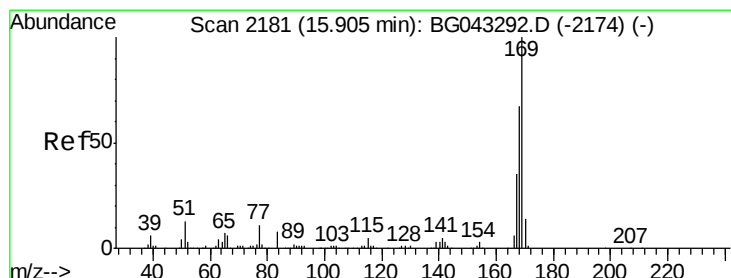
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043379.D (-2070) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.034 ng

RT: 15.90 min Scan# 2181

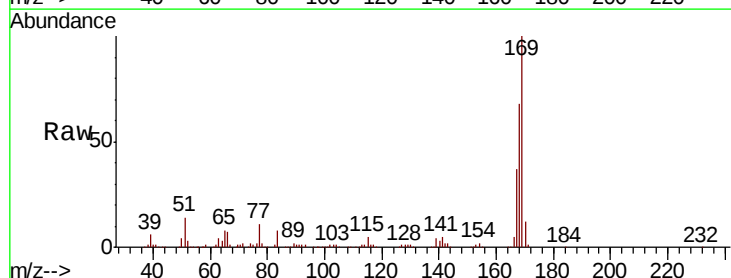
Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Tgt Ion:169 Resp: 304424

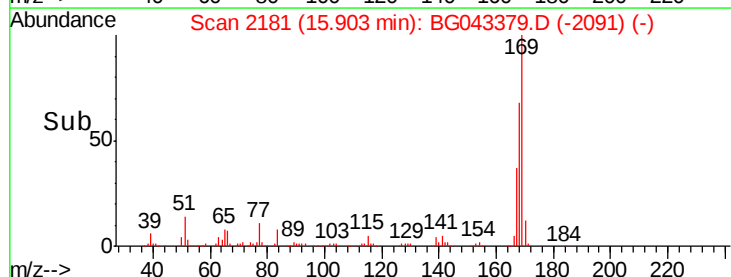
Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.9	80.9
167	36.8	28.3	42.5



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



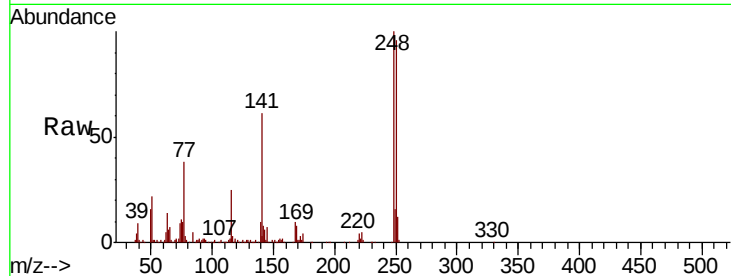
Time-->



#67
4-Bromophenyl-phenylether
Concen: 38.555 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.3	118.9
141	61.4	47.9	71.9

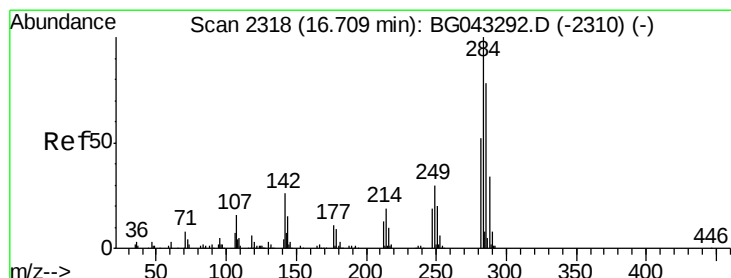
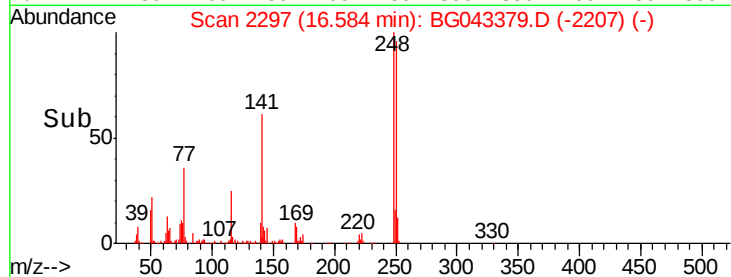
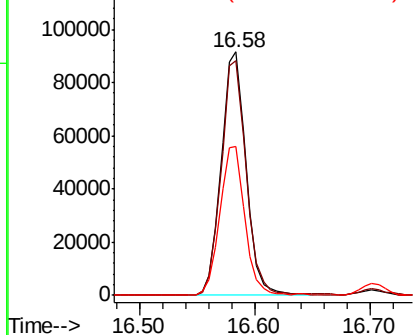


Abundance

Ion 248.00 (247.70 to 248.70): E

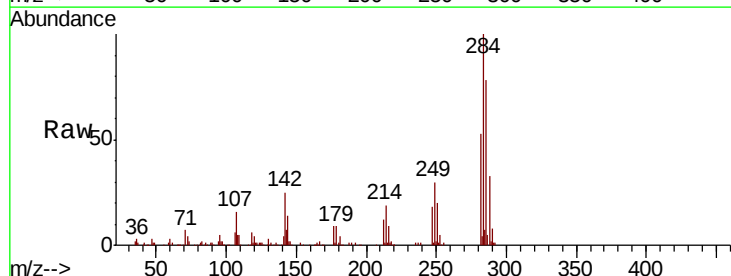
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.469 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.7	21.1	31.7
249	29.8	24.4	36.6

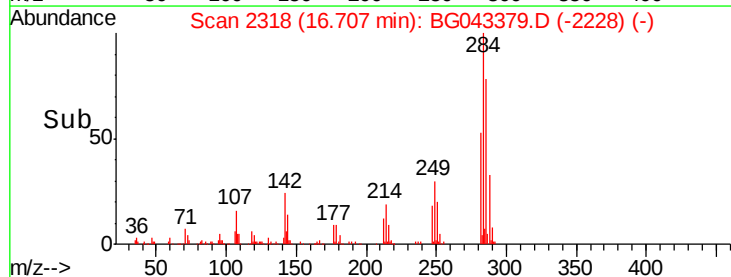
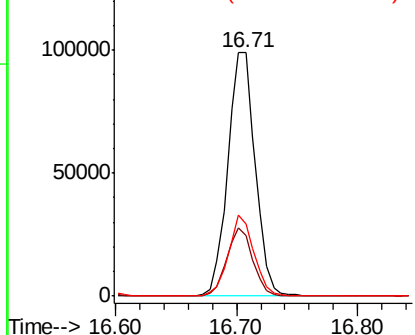


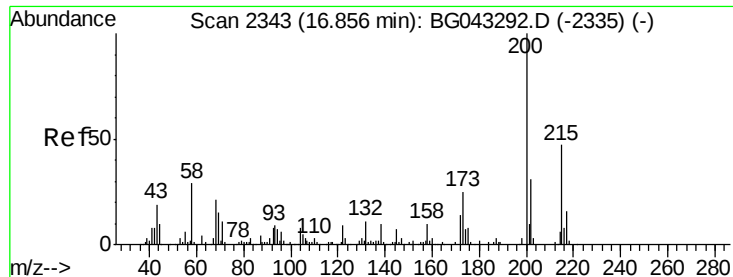
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

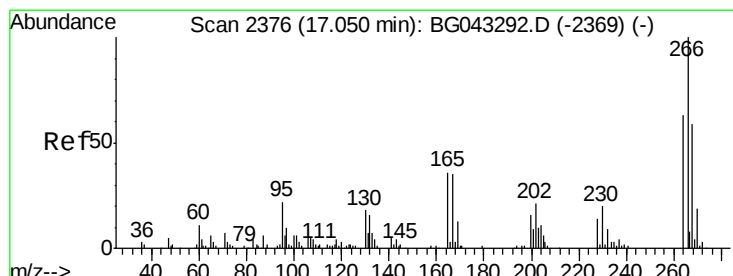
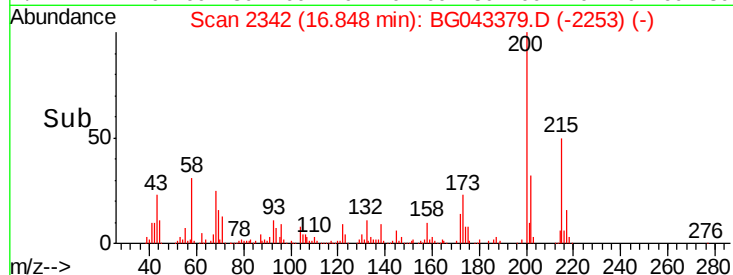
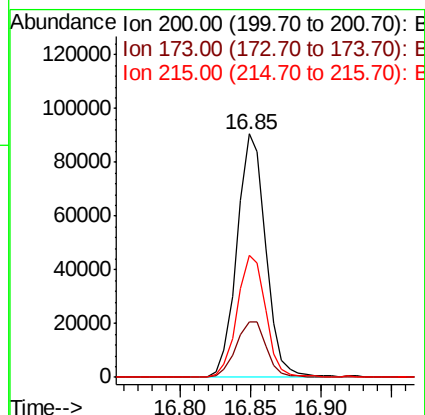
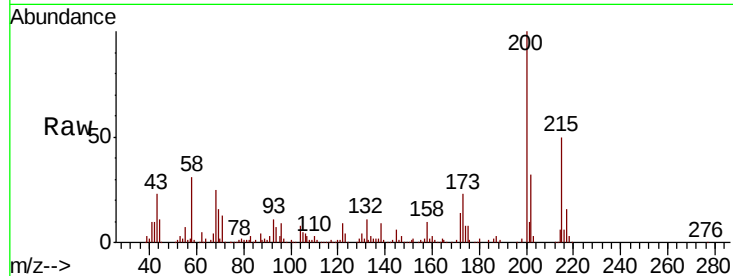




#69
Atrazine
Concen: 49.929 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

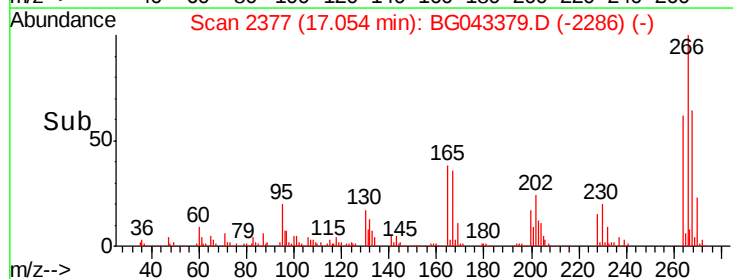
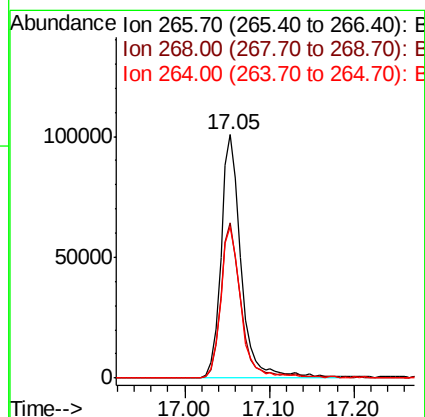
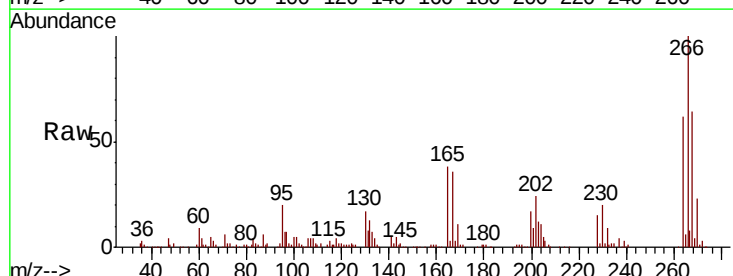
Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 128710
Ion Ratio Lower Upper
200 100
173 22.6 5.1 45.1
215 50.3 26.6 66.6



#70
Pentachlorophenol
Concen: 90.931 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:266 Resp: 168190
Ion Ratio Lower Upper
266 100
268 63.9 47.1 70.7
264 62.1 50.4 75.6

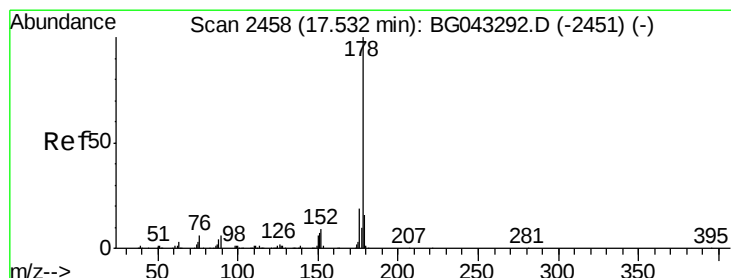
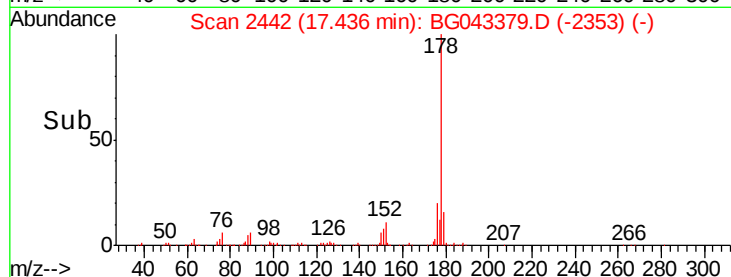
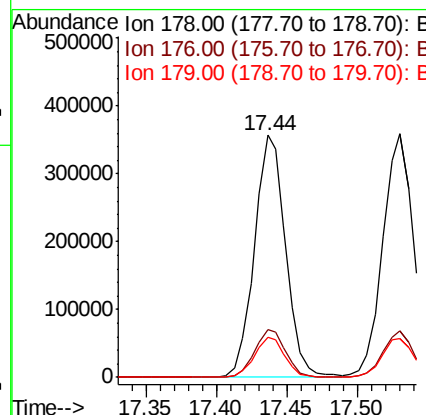
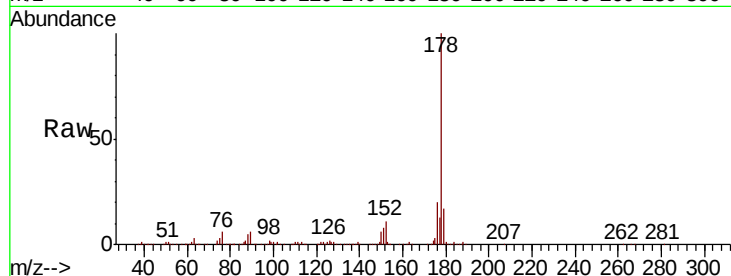




#71
Phenanthrene
Concen: 41.143 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

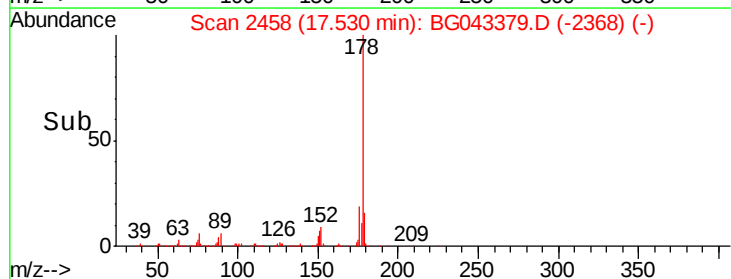
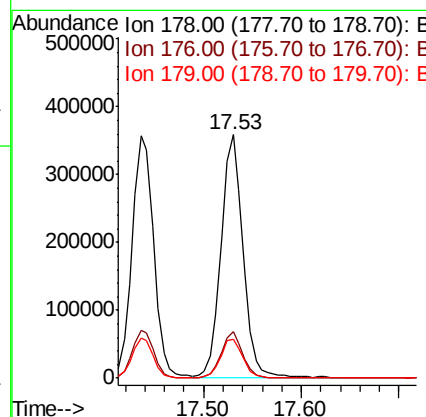
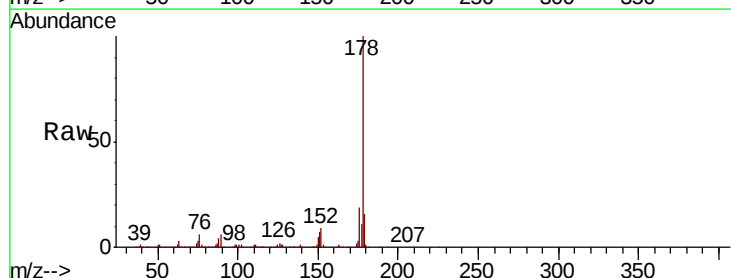
Instrument :
BNA_G
ClientSampled :

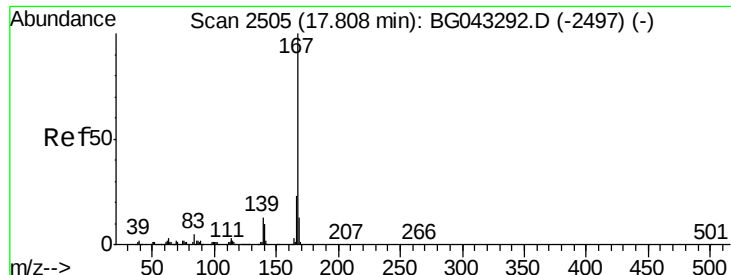
Tot Ion:178 Resp: 553621
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.6 13.1 19.7



#72
Anthracene
Concen: 41.658 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:178 Resp: 560829
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.1 13.0 19.6

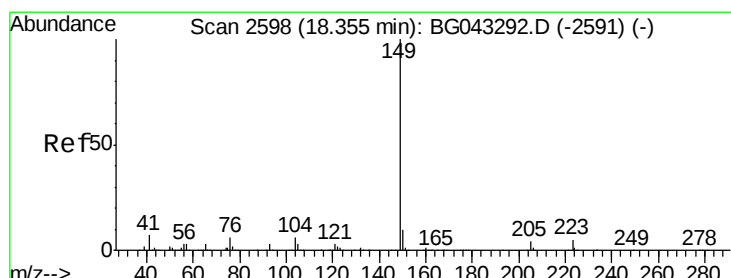
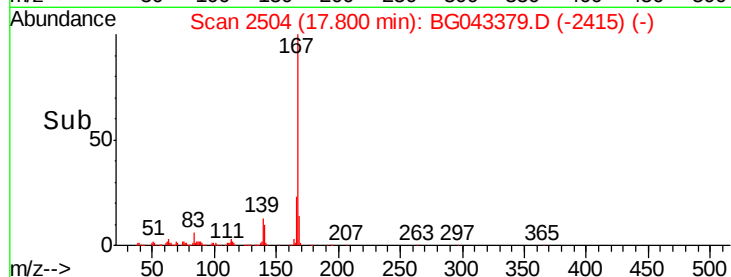
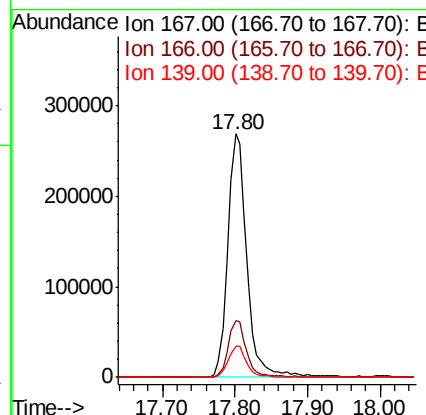
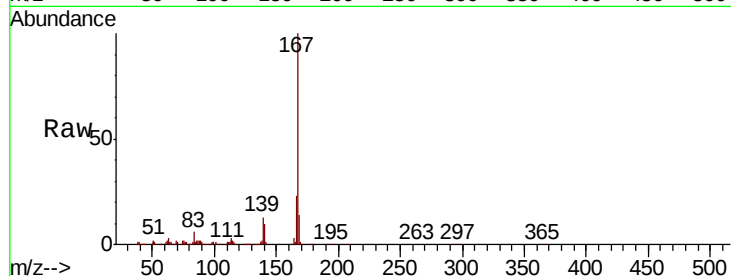




#73
 Carbazole
 Concen: 40.353 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

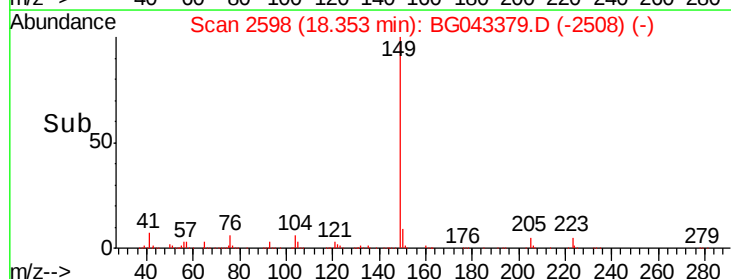
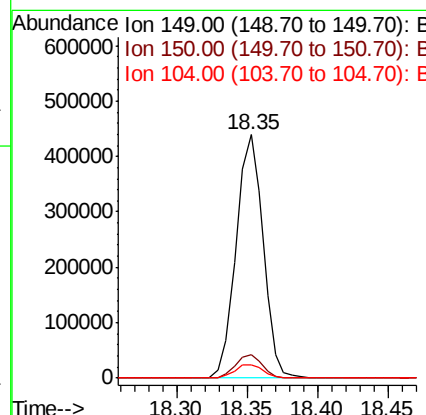
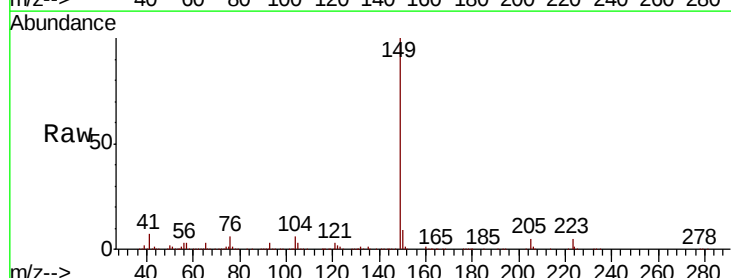
Instrument :
 BNA_G
 ClientSampleId :

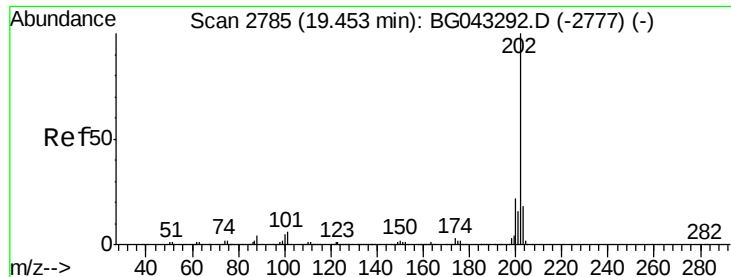
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.4	27.6
139	13.0	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 39.538 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043379.D
 Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	5.7	4.7	7.1





#75

Fluoranthene

Concen: 41.852 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043379.D

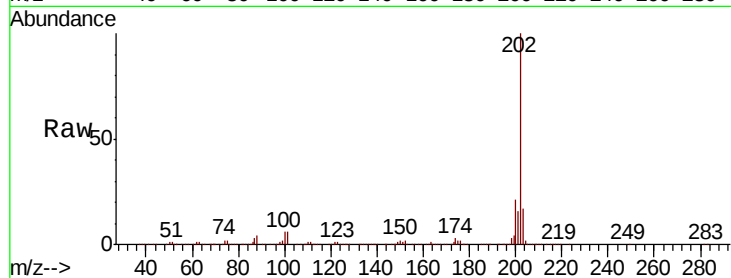
Acq: 29 Oct 2019 18:19

Instrument :

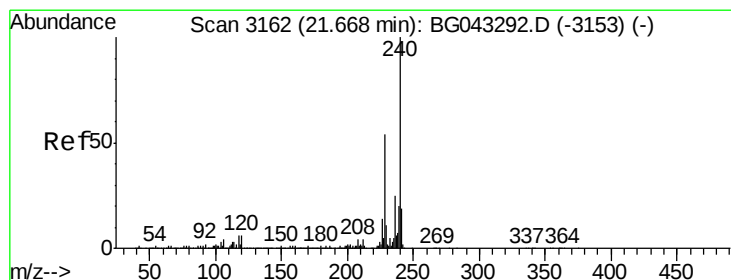
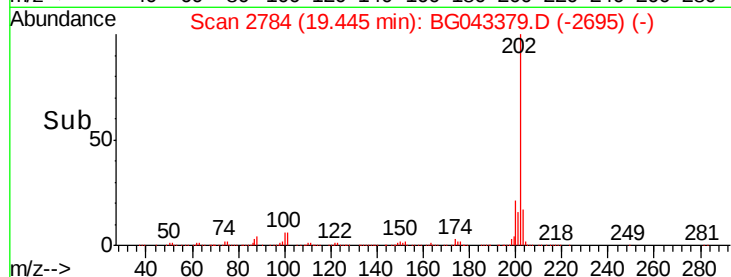
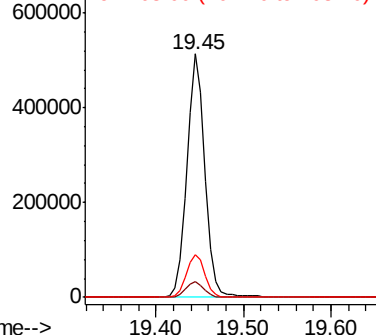
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	734187
Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	26.0
203	17.5	0.0	38.2



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

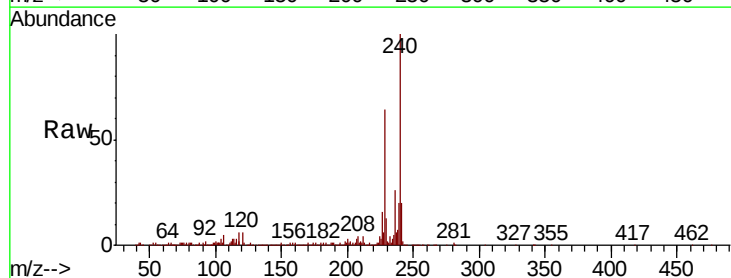
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

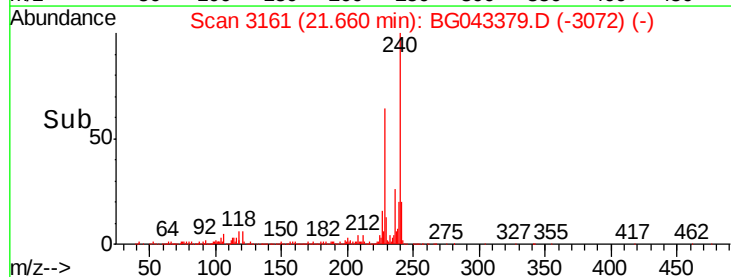
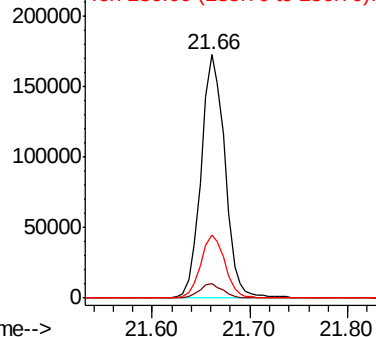
Lab File: BG043379.D

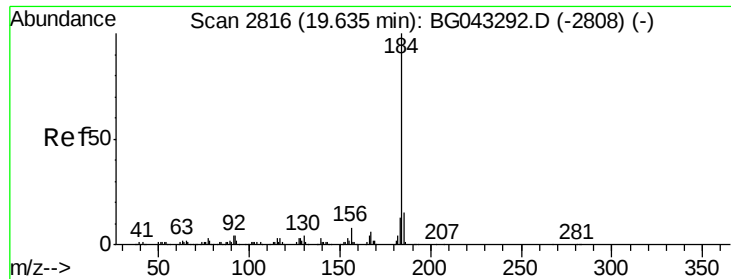
Acq: 29 Oct 2019 18:19

Tgt Ion:	240	Resp:	292419
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	25.7	20.2	30.4



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





#77

Benzidine

Concen: 37.254 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

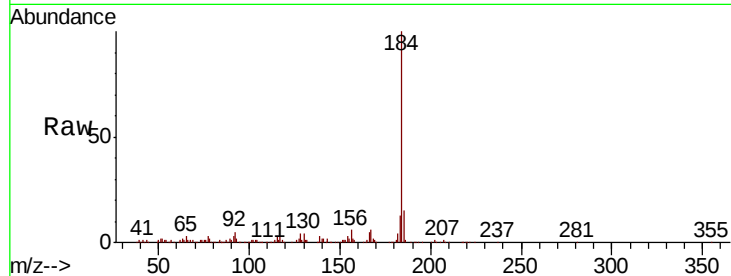
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 219239

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	12.8	10.6	16.0

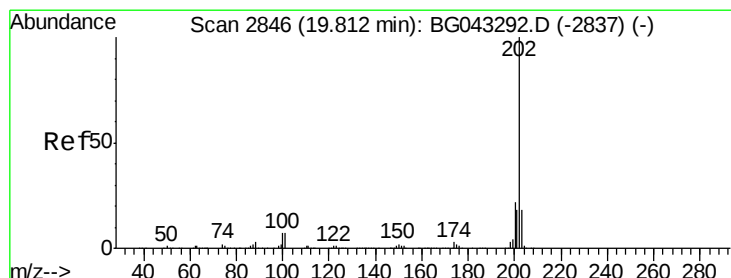
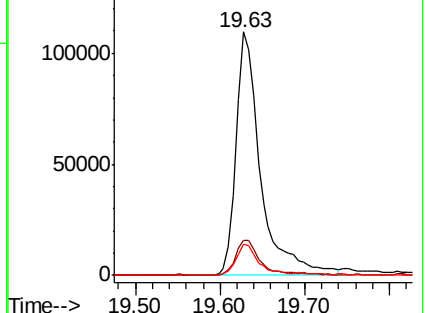
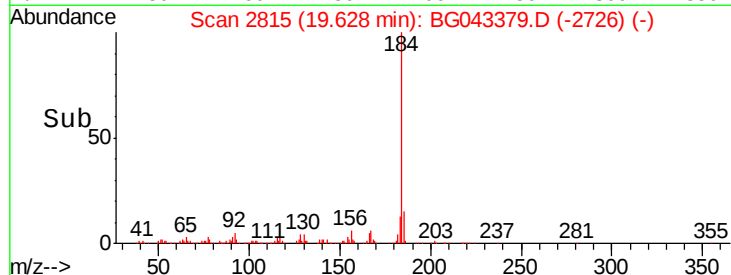


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.430 ng

RT: 19.80 min Scan# 2845

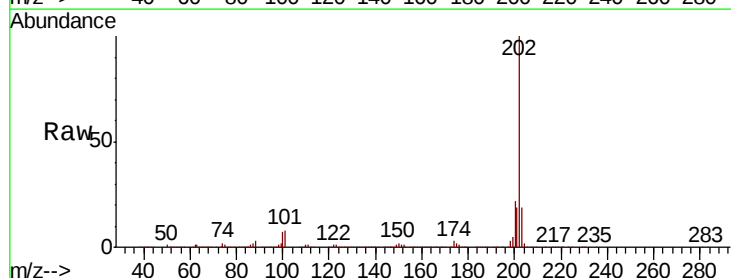
Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Tgt Ion:202 Resp: 731796

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.3	25.9
203	19.0	14.5	21.7

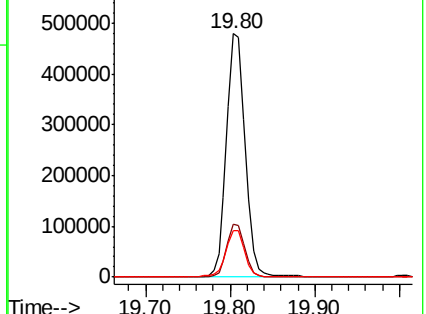
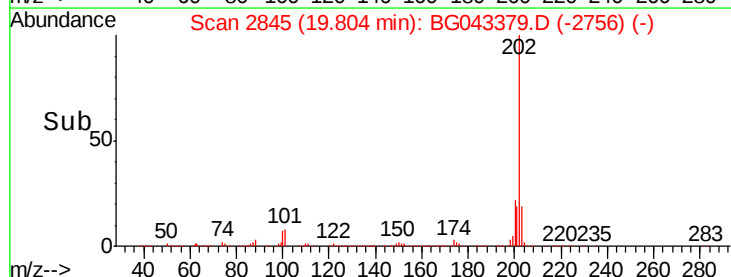


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.994 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

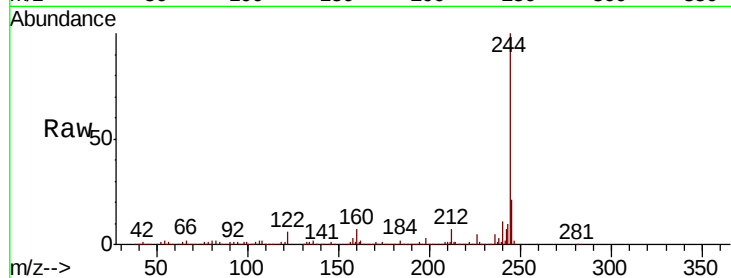
Tot Ion:244 Resp: 1137752

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

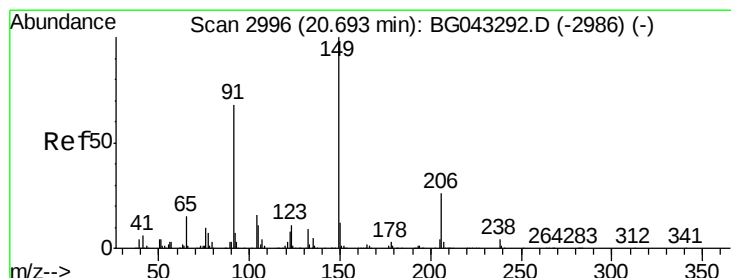
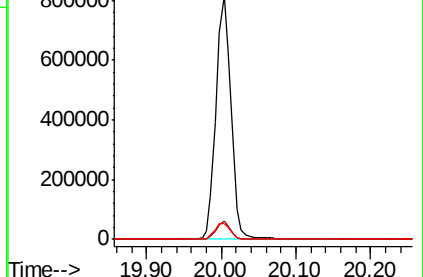
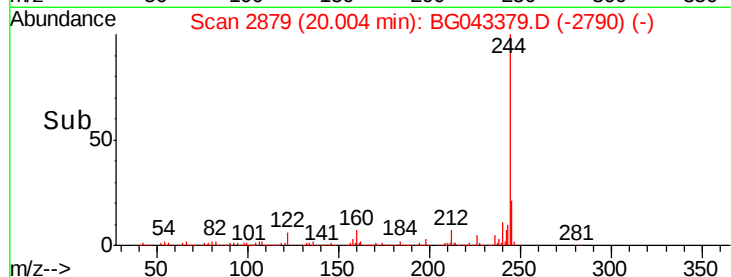
122 6.3 5.3 7.9



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: 45.970 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

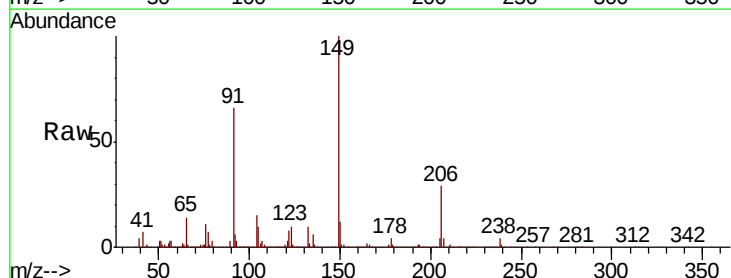
Tgt Ion:149 Resp: 315238

Ion Ratio Lower Upper

149 100

91 66.4 54.6 82.0

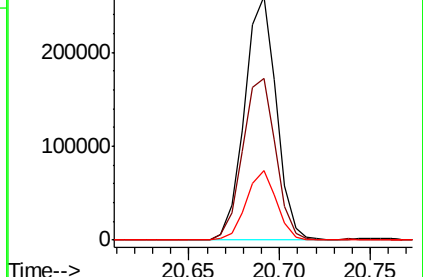
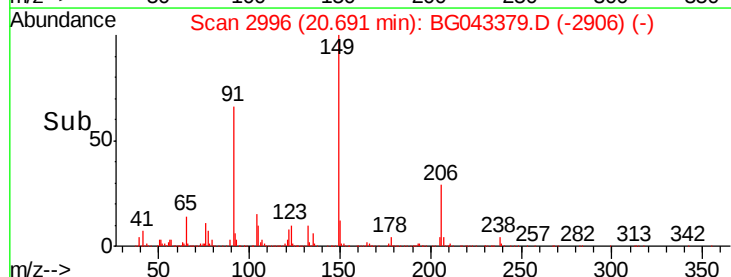
206 28.6 20.5 30.7

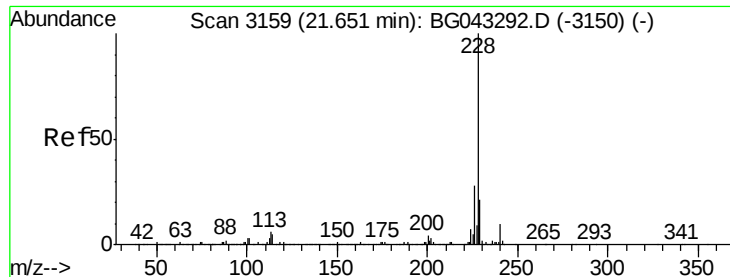


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.222 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampled :

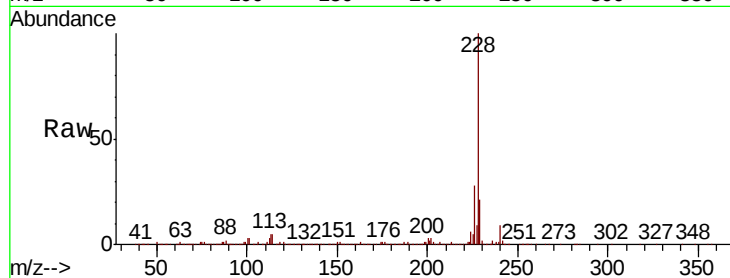
Tot Ion:228 Resp: 755053

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 20.7 16.9 25.3

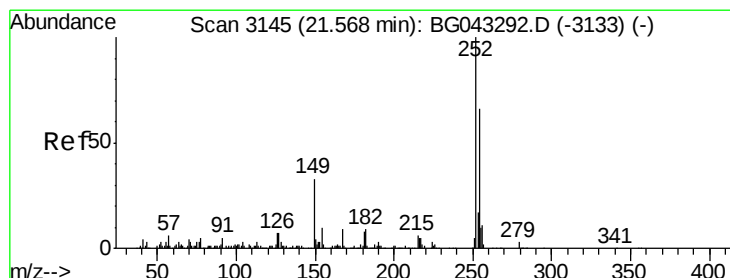
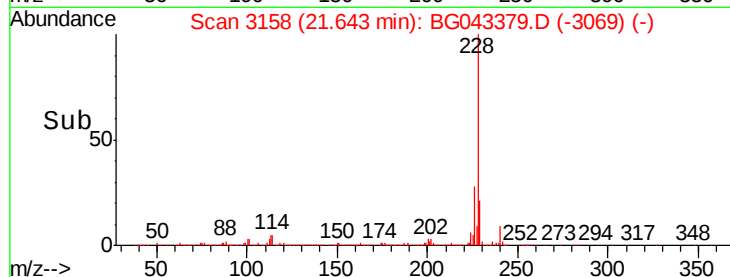
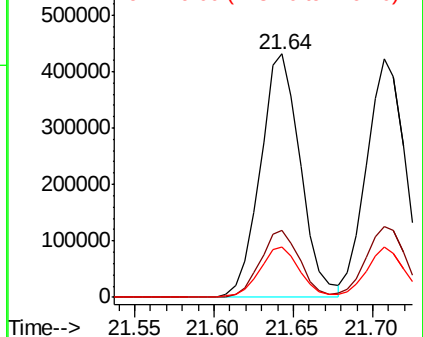


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 20.560 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

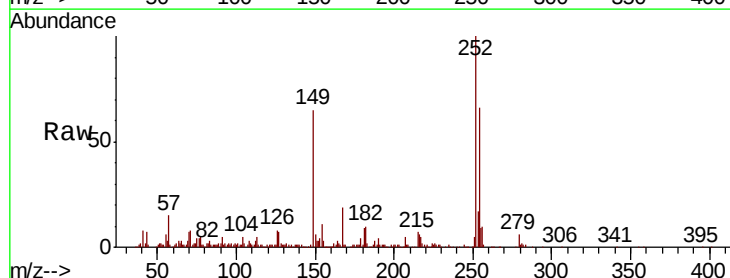
Tgt Ion:252 Resp: 145662

Ion Ratio Lower Upper

252 100

254 66.4 52.7 79.1

126 7.5 5.6 8.4

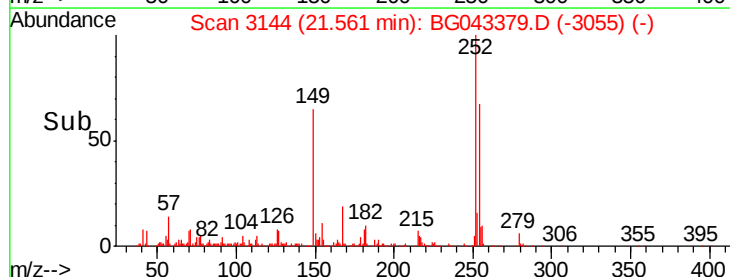
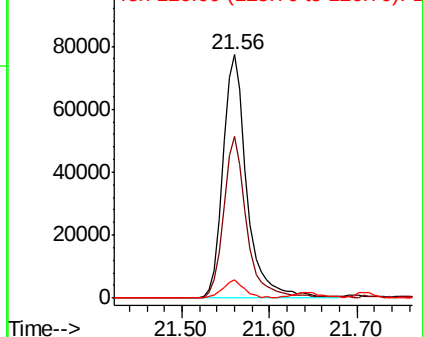


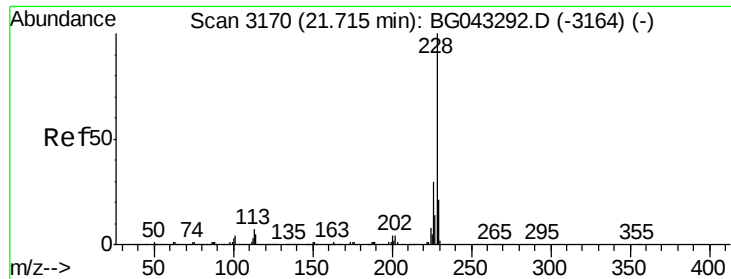
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.751 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampled :

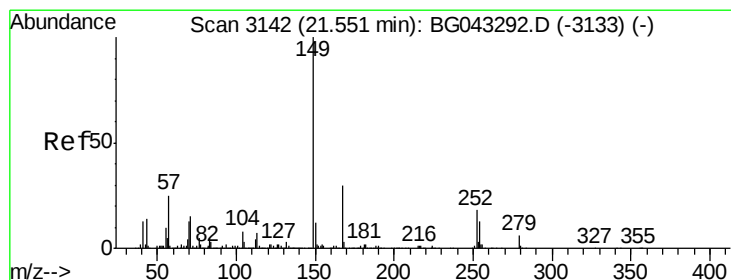
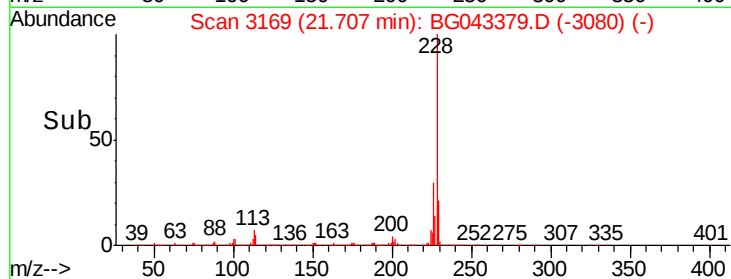
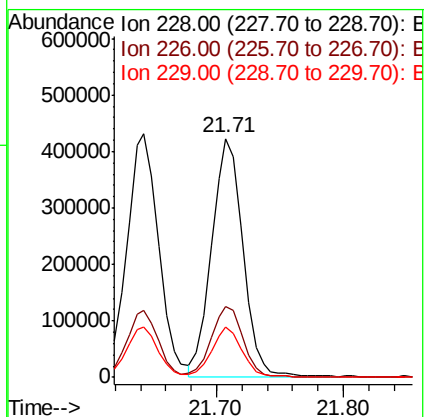
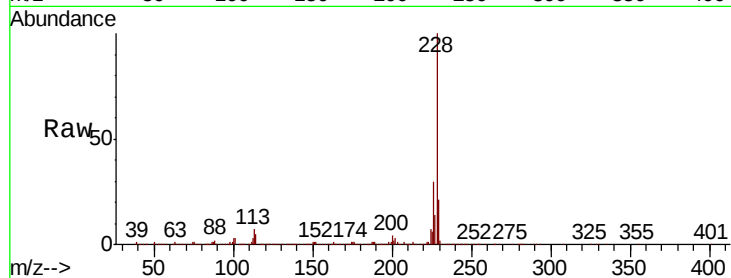
Tot Ion:228 Resp: 723432

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 21.2 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.681 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

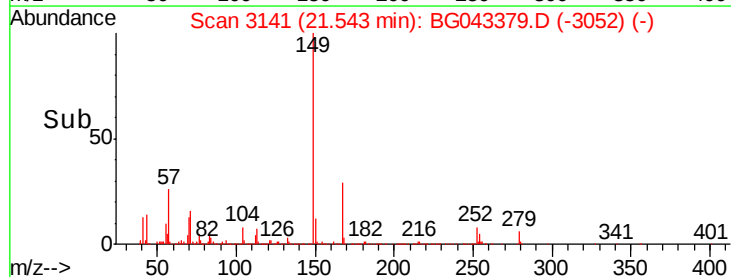
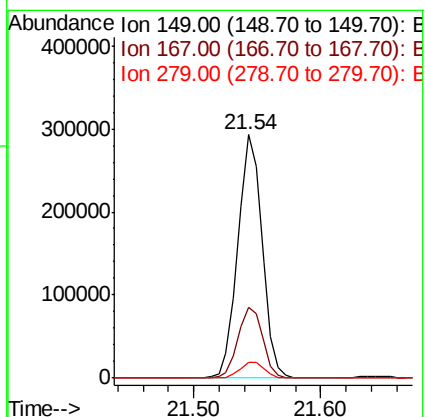
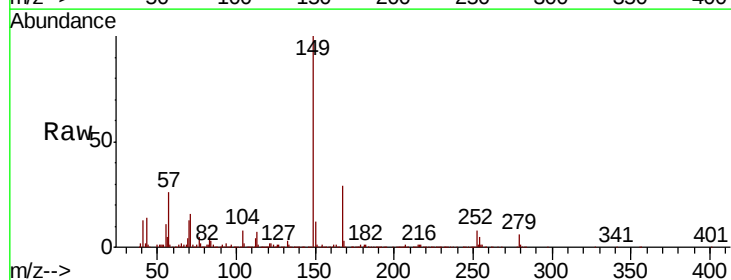
Tgt Ion:149 Resp: 386539

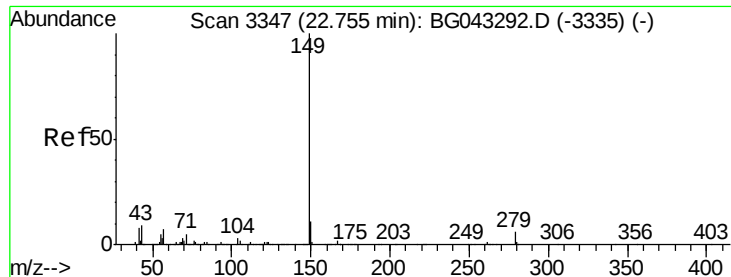
Ion Ratio Lower Upper

149 100

167 29.1 23.9 35.9

279 6.3 4.8 7.2





#85

Di-n-octyl phthalate

Concen: 40.469 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

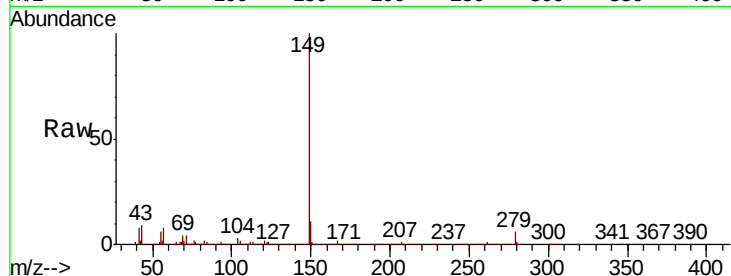
Tot Ion:149 Resp: 668810

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

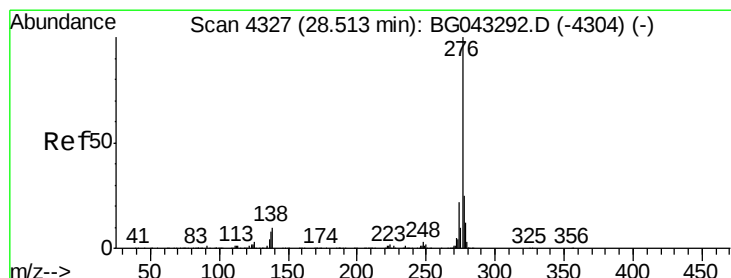
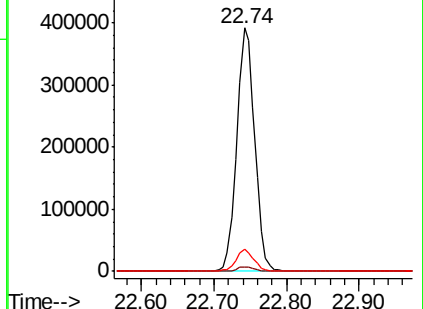
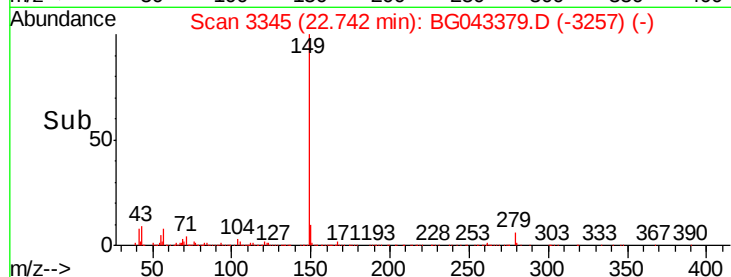
43 9.0 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.677 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

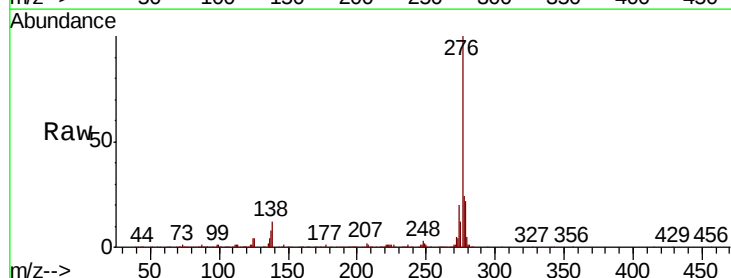
Tgt Ion:276 Resp: 952092

Ion Ratio Lower Upper

276 100

138 9.7 7.2 10.8

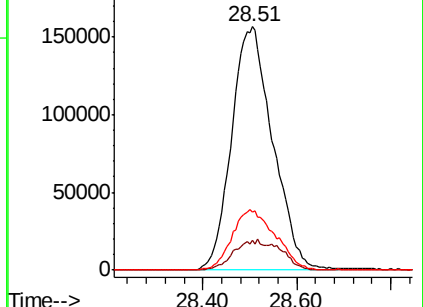
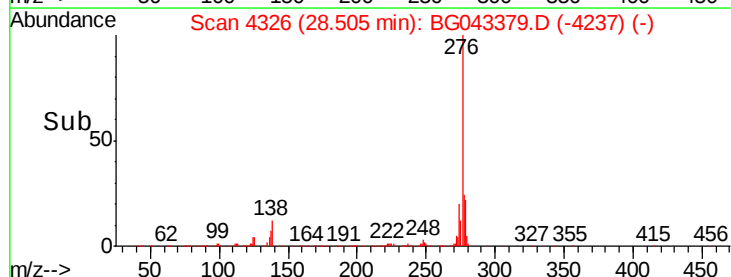
277 26.1 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

Instrument :

BNA_G

ClientSampleId :

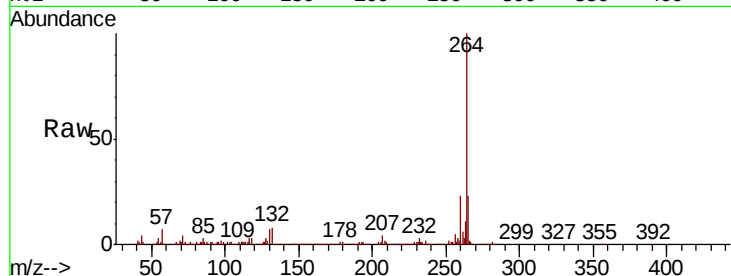
Tot Ion:264 Resp: 345090

Ion Ratio Lower Upper

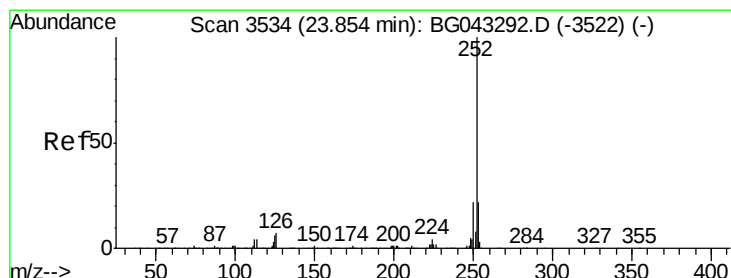
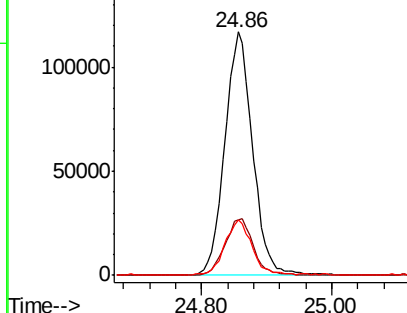
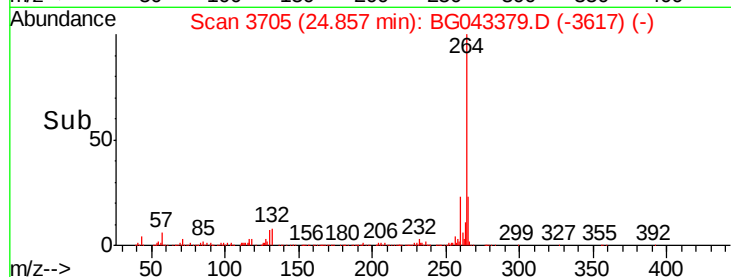
264 100

260 22.9 17.9 26.9

265 22.8 17.4 26.2



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: 40.440 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043379.D

Acq: 29 Oct 2019 18:19

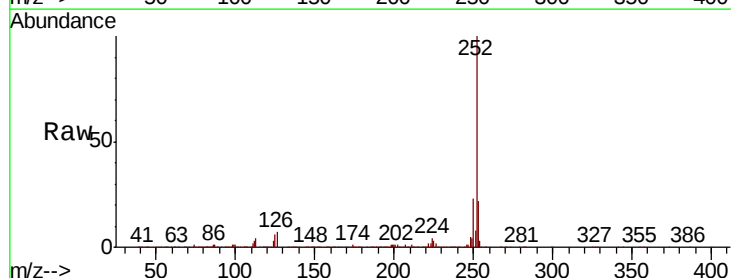
Tgt Ion:252 Resp: 790387

Ion Ratio Lower Upper

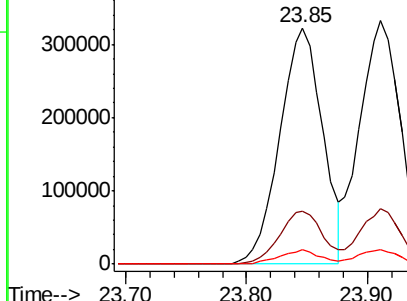
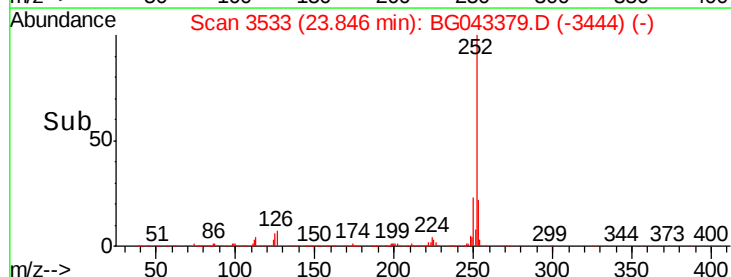
252 100

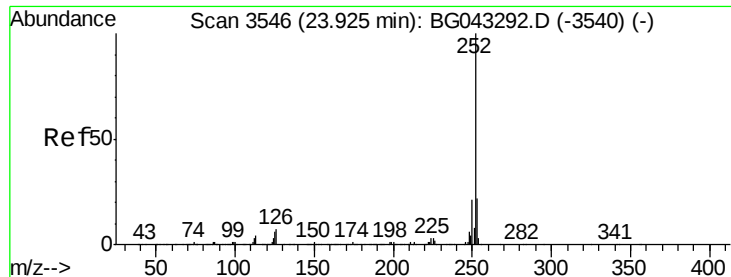
253 22.3 17.4 26.2

125 6.0 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

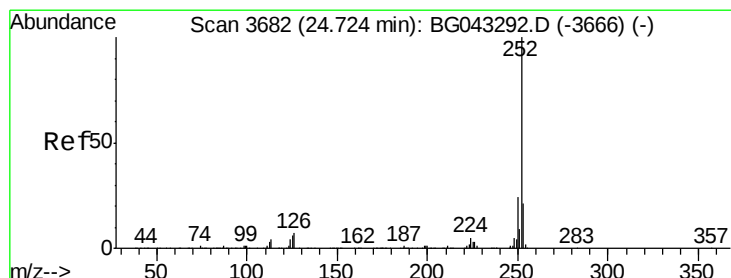
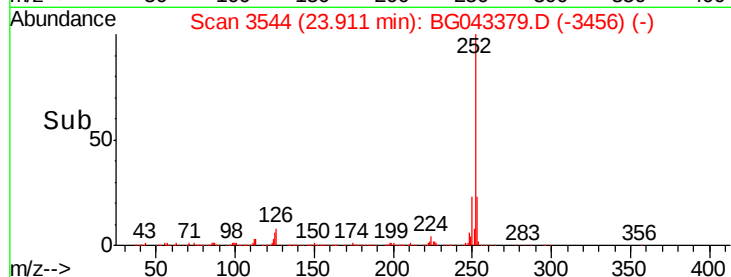
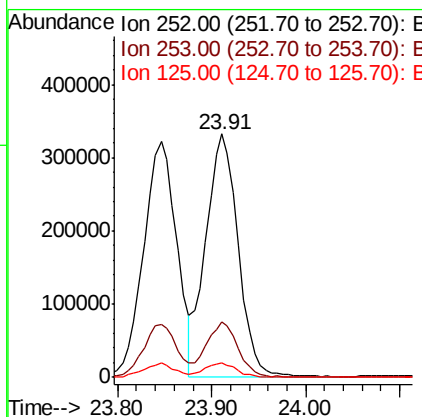
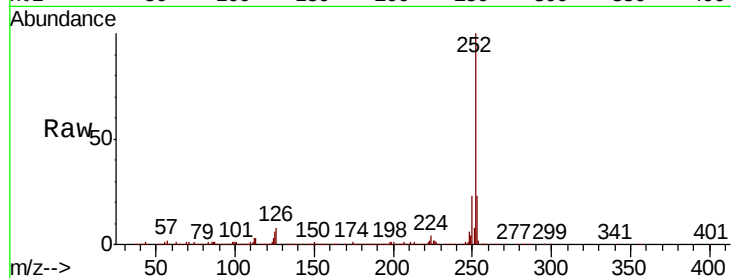




#89
Benzo(k)fluoranthene
Concen: 40.627 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

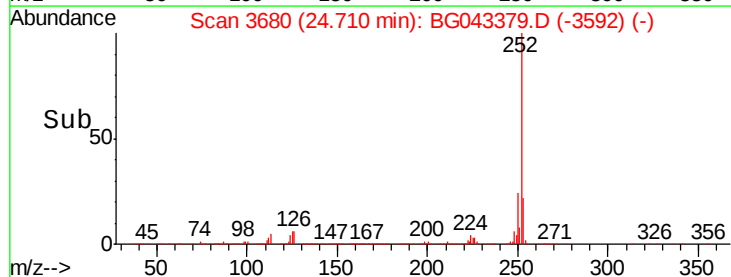
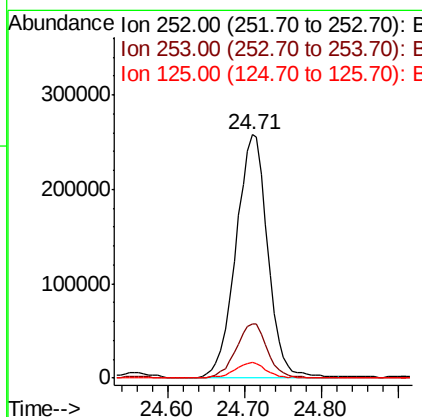
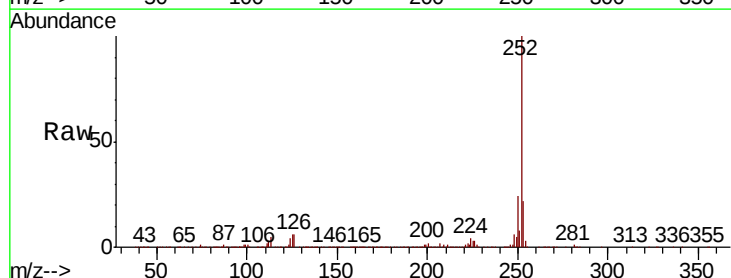
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	6.1	4.5	6.7



#90
Benzo(a)pyrene
Concen: 39.782 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	6.3	5.0	7.6

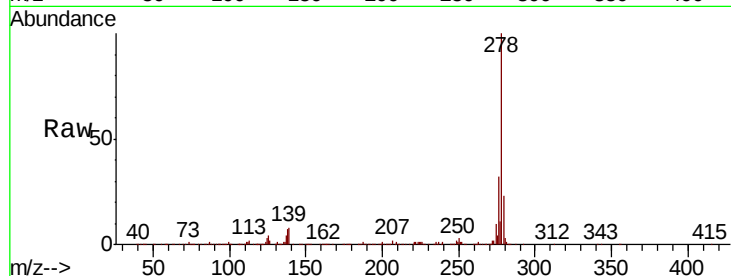




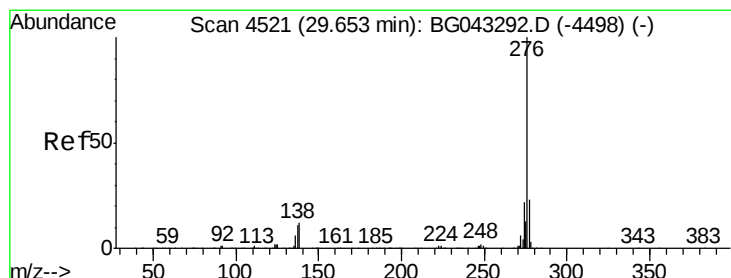
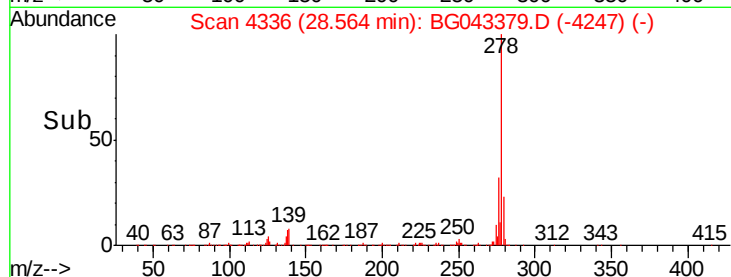
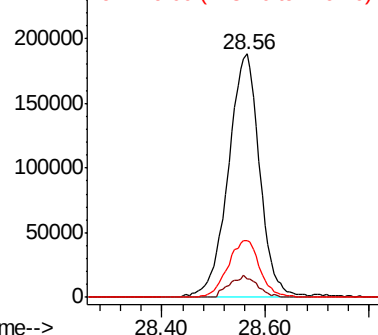
#91
Dibenzo(a,h)anthracene
Concen: 41.436 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 791039
Ion Ratio Lower Upper
278 100
139 7.6 6.8 10.2
279 23.4 19.0 28.6

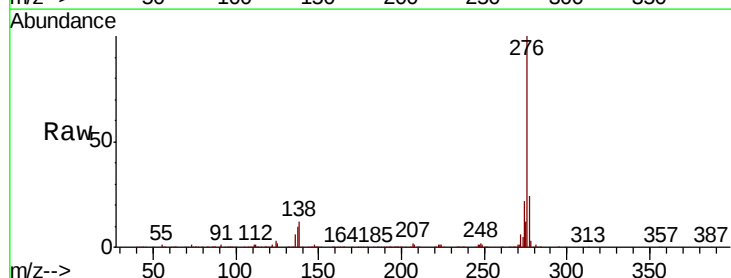


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.794 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.01 min
Lab File: BG043379.D
Acq: 29 Oct 2019 18:19

Tgt Ion:276 Resp: 805851
Ion Ratio Lower Upper
276 100
277 24.1 18.3 27.5
138 12.2 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

