

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043435.D
 Acq On : 31 Oct 2019 15:49
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 03:59:04 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	32137	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131281	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	94298	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	227250	20.00	ng	0.00
76) Chrysene-d12	21.66	240	264538	20.00	ng	0.00
87) Perylene-d12	24.86	264	312754	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	146306	83.42	ng	0.00
7) Phenol-d6	7.20	99	207742	82.33	ng	0.00
23) Nitrobenzene-d5	9.18	82	200815	78.86	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	139802	77.91	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	557893	81.75	ng	0.00
79) Terphenyl-d14	20.01	244	1130939	80.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29074	42.541	ng	95
3) Pyridine	3.90	79	76491	44.369	ng	99
4) n-Nitrosodimethylamine	3.81	42	35888	41.254	ng	94
6) Aniline	7.35	93	118720	40.843	ng	99
8) 2-Chlorophenol	7.59	128	77274	39.915	ng	94
9) Benzaldehyde	7.16	77	48067	38.762	ng	93
10) Phenol	7.23	94	91990	39.896	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	72125	40.459	ng	98
12) 1,3-Dichlorobenzene	7.91	146	98181	40.477	ng	97
13) 1,4-Dichlorobenzene	8.06	146	99412	40.508	ng	97
14) 1,2-Dichlorobenzene	8.38	146	95909	40.026	ng	97
15) Benzyl Alcohol	8.27	79	71969	40.612	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	106201	40.970	ng	96
17) 2-Methylphenol	8.48	107	67750	40.306	ng	95
18) Hexachloroethane	9.11	117	36548	41.278	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	64667	39.661	ng	98
20) 3+4-Methylphenols	8.81	107	88489	38.391	ng	94
22) Acetophenone	8.84	105	133362	39.668	ng	99
24) Nitrobenzene	9.22	77	93603	38.587	ng	95
25) Isophorone	9.75	82	178020	38.238	ng	99
26) 2-Nitrophenol	9.94	139	46939	40.080	ng	94
27) 2,4-Dimethylphenol	10.01	122	64655	38.519	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	100655	39.173	ng	94
29) 2,4-Dichlorophenol	10.49	162	85543	39.775	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	105934	39.081	ng	99
31) Naphthalene	10.88	128	264521	39.695	ng	98
32) Benzoic acid	10.16	122	45360	37.768	ng	92
33) 4-Chloroaniline	10.99	127	106463	38.975	ng	96
34) Hexachlorobutadiene	11.16	225	79131	39.491	ng	99
35) Caprolactam	11.76	113	28329	38.246	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	91965	39.202	ng	96
37) 2-Methylnaphthalene	12.48	142	197040	38.537	ng	98
38) 1-Methylnaphthalene	12.70	142	189995	39.054	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	143271	41.054	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	69677	38.008	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	82424	40.105	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	84406	40.624	nq	98
46) 1,1'-Biphenyl	13.48	154	288628	40.234	nq	98
47) 2-Chloronaphthalene	13.53	162	222271	40.722	nq	97
48) 2-Nitroaniline	13.74	65	68619	42.063	nq	96
49) Acenaphthylene	14.37	152	342658	40.337	nq	98
50) Dimethylphthalate	14.10	163	291895	39.964	nq	99
51) 2,6-Dinitrotoluene	14.22	165	63441	39.981	nq	95
52) Acenaphthene	14.71	154	207548	40.063	nq	98
53) 3-Nitroaniline	14.56	138	62523	40.811	nq	95
54) 2,4-Dinitrophenol	14.77	184	29375	34.230	nq	91
55) Dibenzofuran	15.05	168	336868	40.098	nq	98
56) 4-Nitrophenol	14.89	139	38088	37.099	nq	99
57) 2,4-Dinitrotoluene	15.01	165	90775	40.030	nq	97
58) Fluorene	15.70	166	283120	40.181	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	84960	38.487	nq	# 99
60) Diethylphthalate	15.46	149	290771	39.620	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	165068	40.158	nq	96
62) 4-Nitroaniline	15.72	138	66952	42.316	nq	99
63) Azobenzene	15.98	77	237881	40.050	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	52549	39.293	nq	97
66) n-Nitrosodiphenylamine	15.90	169	248719	38.766	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	115023	37.610	nq	96
68) Hexachlorobenzene	16.70	284	134120	38.205	nq	98
69) Atrazine	16.85	200	76796	34.447	nq	93
70) Pentachlorophenol	17.05	266	60832	38.029	nq	95
71) Phenanthrene	17.44	178	453591	38.979	nq	98
72) Anthracene	17.53	178	460303	39.535	nq	99
73) Carbazole	17.80	167	421320	39.960	nq	99
74) Di-n-butylphthalate	18.35	149	516219	40.351	nq	98
75) Fluoranthene	19.45	202	614679	40.517	nq	99
77) Benzidine	19.63	184	228518	42.923	nq	99
78) Pyrene	19.81	202	631213	38.548	nq	98
80) Butylbenzylphthalate	20.69	149	247280	39.860	nq	96
81) Benzo(a)anthracene	21.65	228	672304	40.572	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	268023	41.819	nq	100
83) Chrysene	21.71	228	652655	39.641	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	358659	40.699	nq	100
85) Di-n-octyl phthalate	22.74	149	611180	40.879	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	852146	41.233	nq	# 97
88) Benzo(b)fluoranthene	23.85	252	699609	39.496	nq	99
89) Benzo(k)fluoranthene	23.92	252	736476	41.300	nq	98
90) Benzo(a)pyrene	24.71	252	682862	40.370	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	715582	41.359	nq	98
92) Benzo(g,h,i)perylene	29.65	276	686229	40.210	nq	99

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

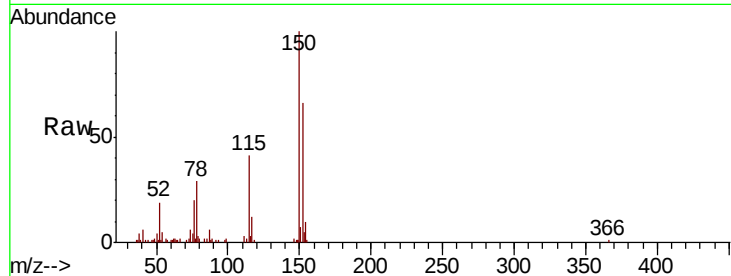


#1

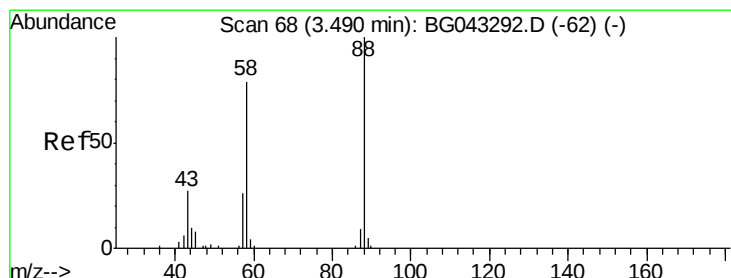
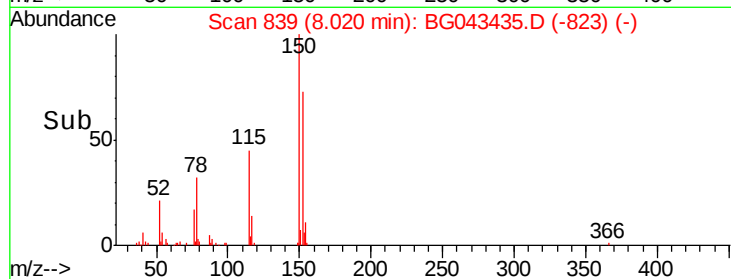
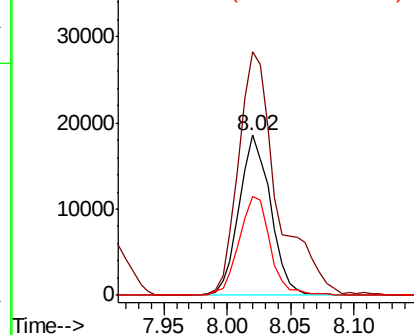
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	113.6	170.4
115	61.6	45.9	68.9



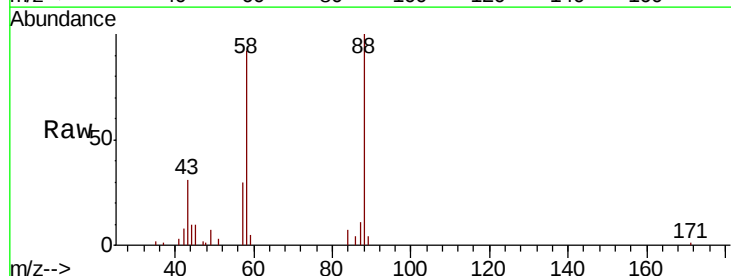
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



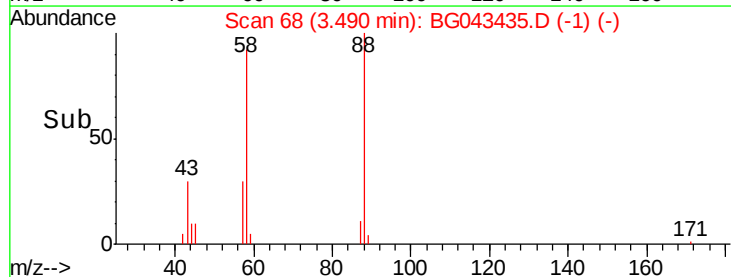
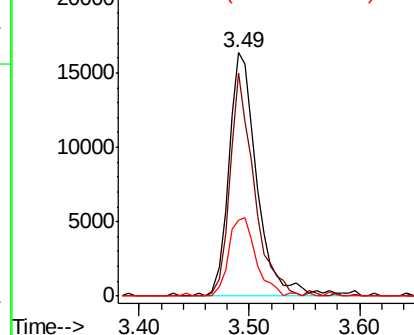
#2

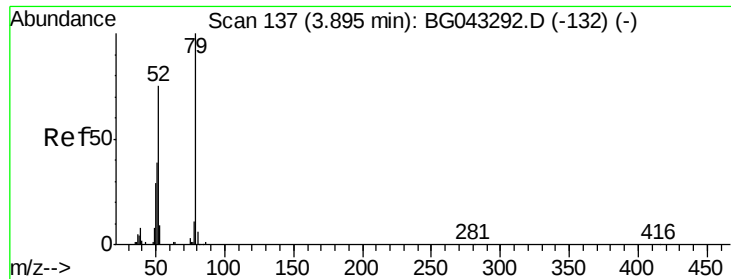
1,4-Dioxane
Concen: 42.541 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.00 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	60.2	90.2
43	31.4	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: 44.369 ng

RT: 3.90 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

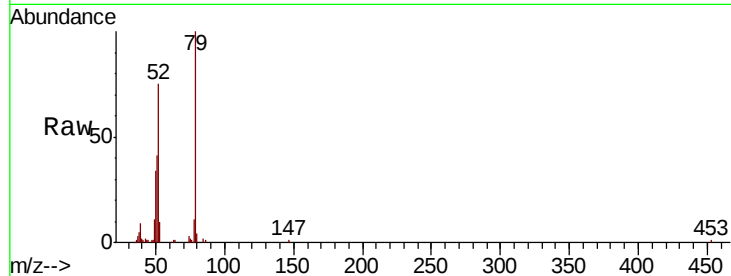
Tot Ion: 79 Resp: 76491

Ion Ratio Lower Upper

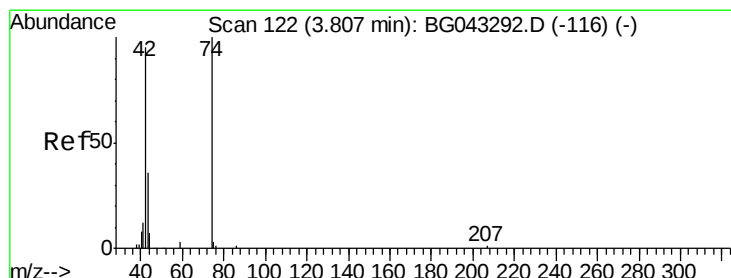
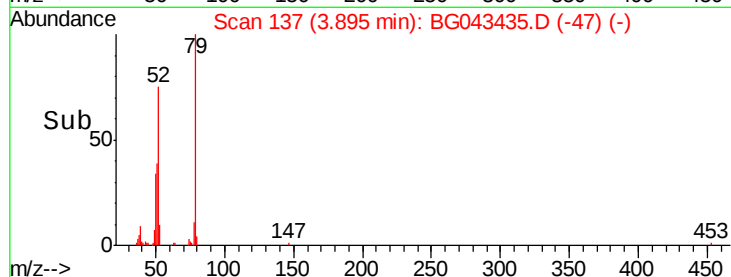
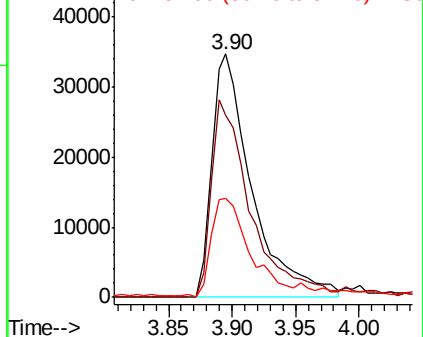
79 100

52 74.8 59.7 89.5

51 40.7 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: 41.254 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

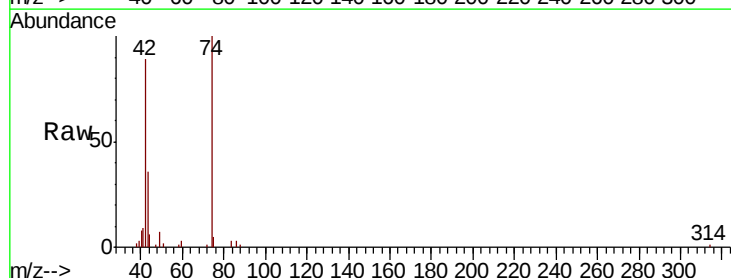
Tgt Ion: 42 Resp: 35888

Ion Ratio Lower Upper

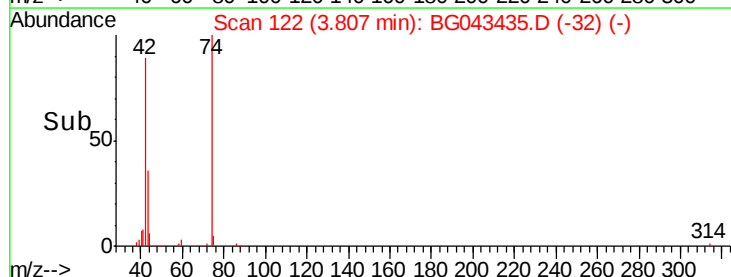
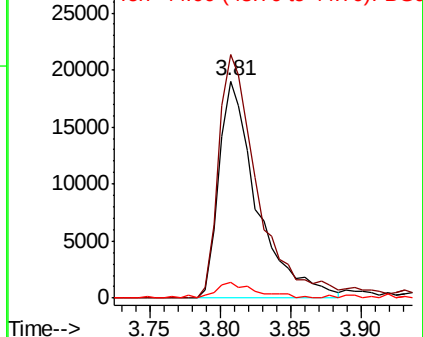
42 100

74 112.2 84.2 126.2

44 7.2 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: 83.423 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

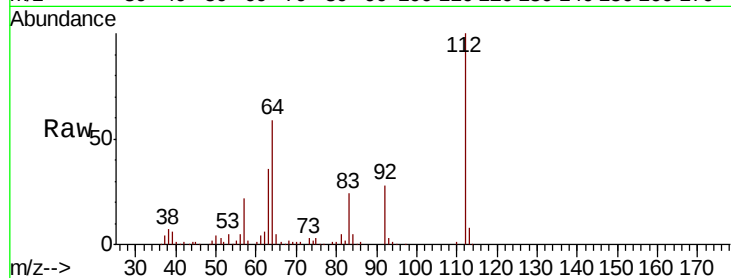
Tot Ion:112 Resp: 146306

Ion Ratio Lower Upper

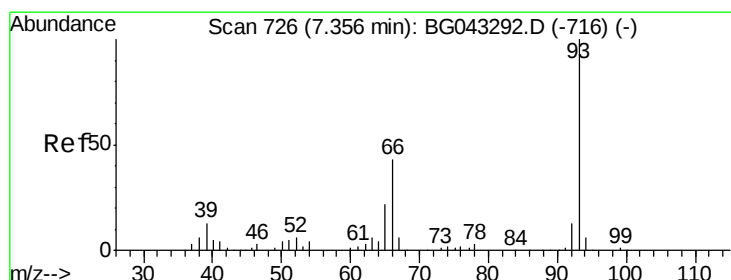
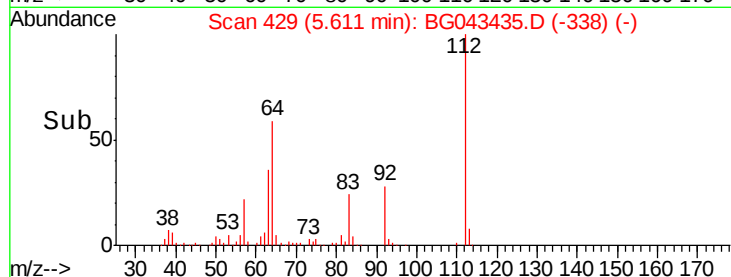
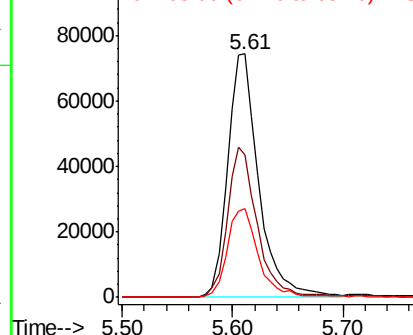
112 100

64 58.6 50.2 75.2

63 36.5 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: 40.843 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

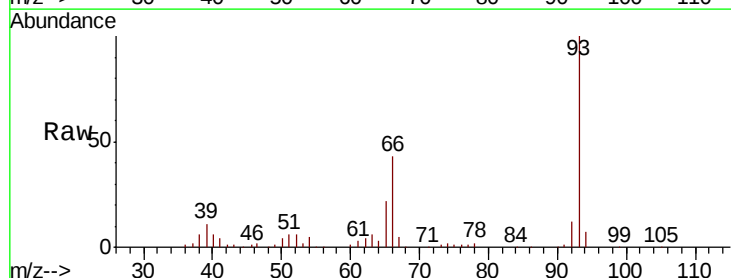
Tgt Ion: 93 Resp: 118720

Ion Ratio Lower Upper

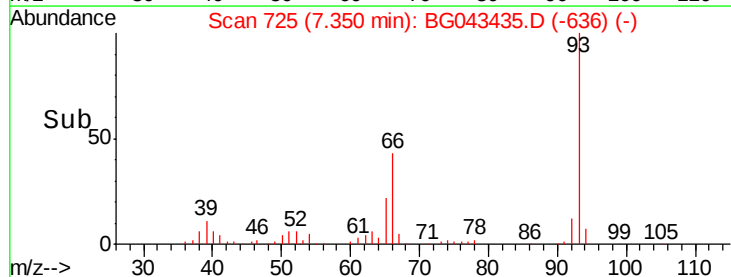
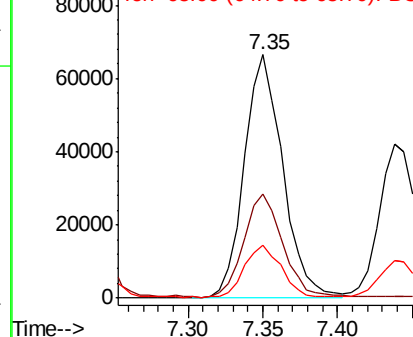
93 100

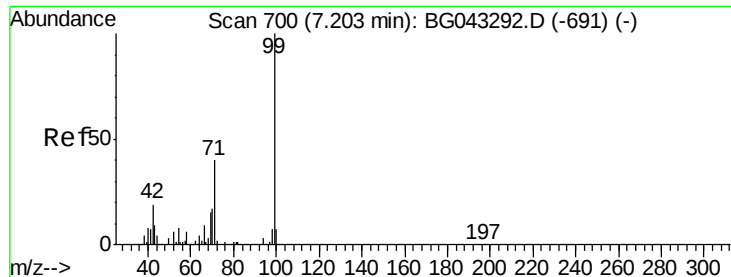
66 42.8 34.5 51.7

65 21.5 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: 82.331 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampled :

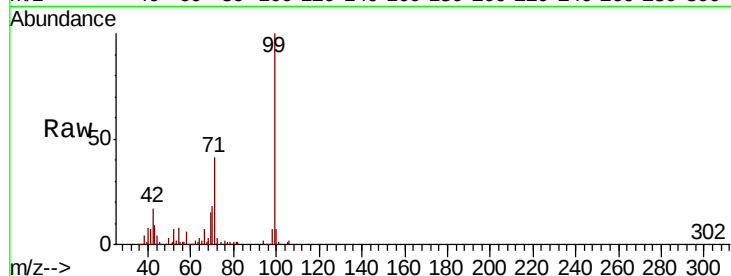
Tot Ion: 99 Resp: 207742

Ion Ratio Lower Upper

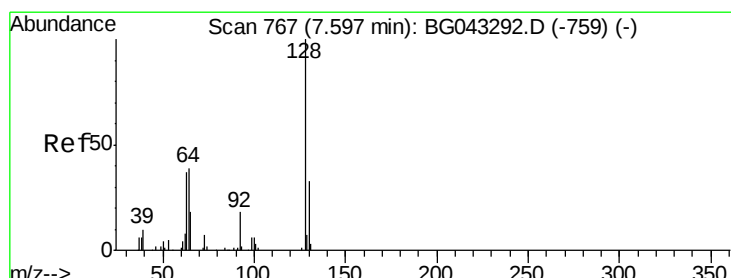
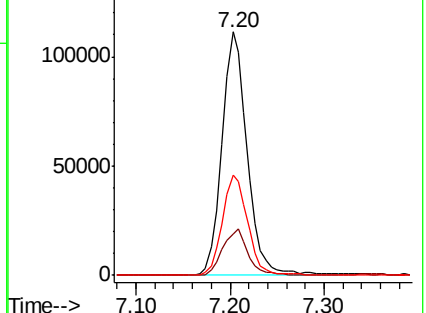
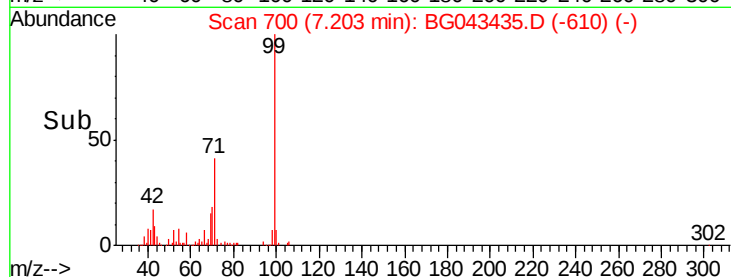
99 100

42 17.1 14.9 22.3

71 41.0 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: 39.915 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

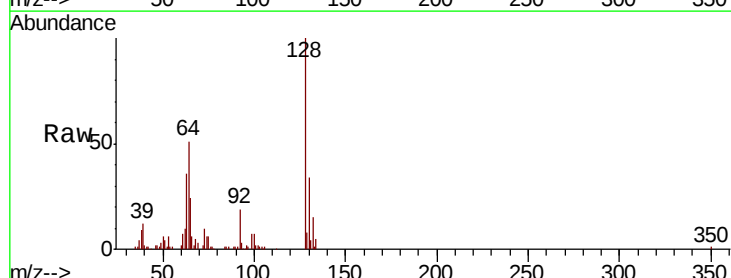
Tgt Ion:128 Resp: 77274

Ion Ratio Lower Upper

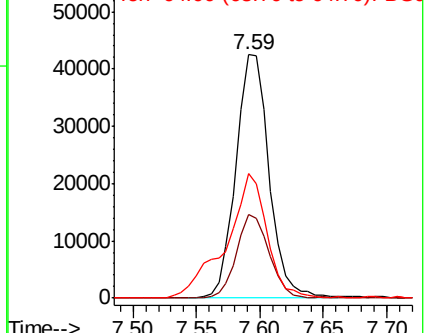
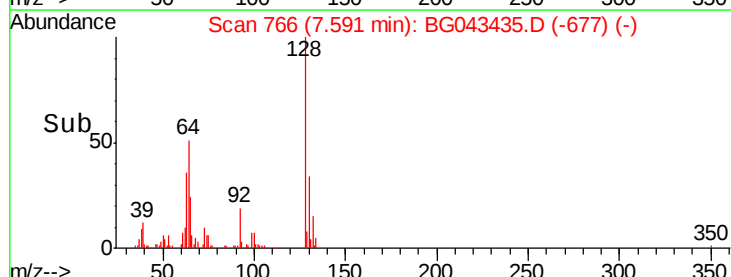
128 100

130 34.3 12.9 52.9

64 51.0 24.9 64.9



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





#9

Benzaldehyde

Concen: 38.762 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

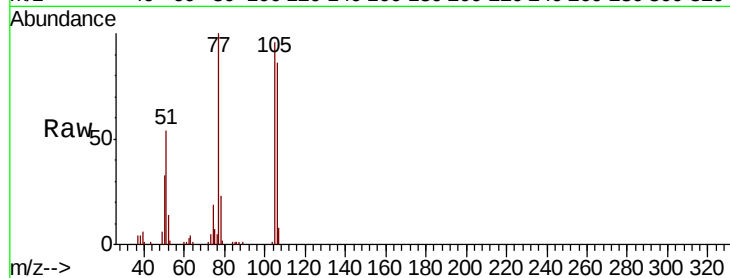
Tot Ion: 77 Resp: 48067

Ion Ratio Lower Upper

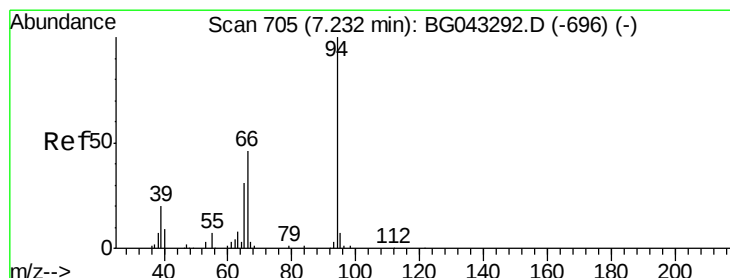
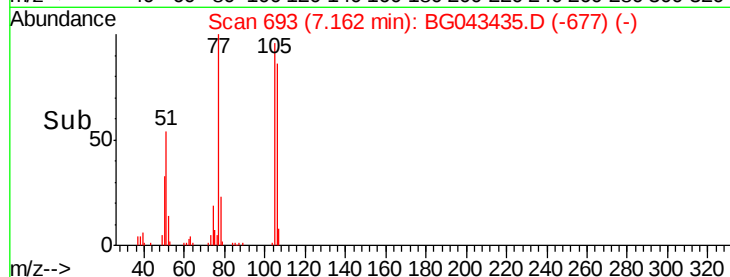
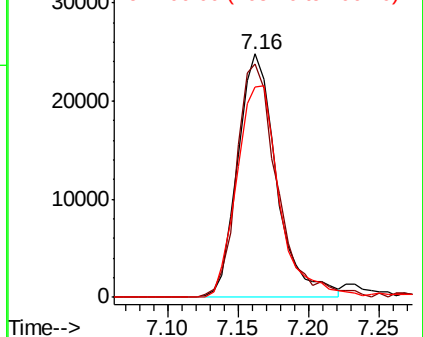
77 100

105 96.0 68.7 108.7

106 86.4 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: 39.896 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

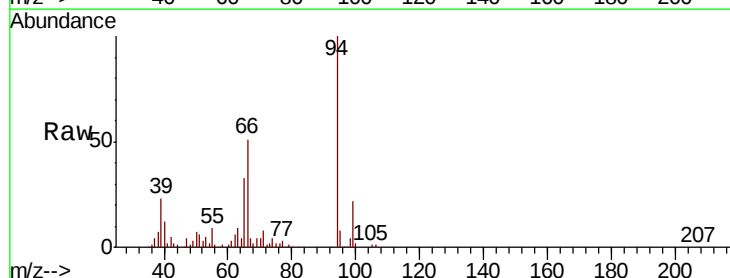
Tgt Ion: 94 Resp: 91990

Ion Ratio Lower Upper

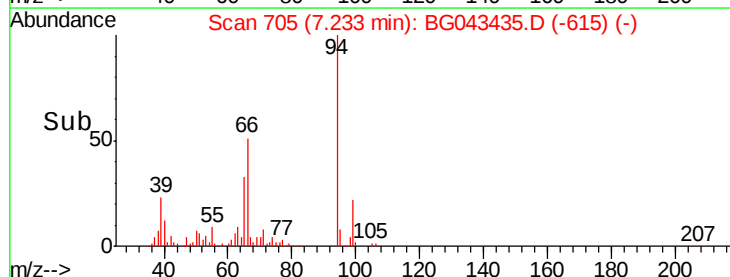
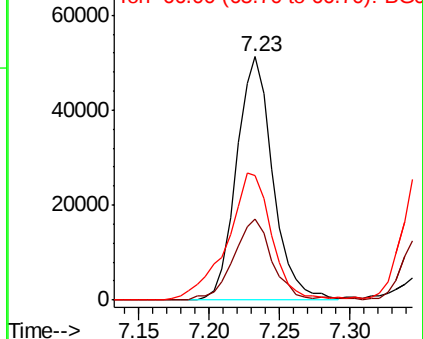
94 100

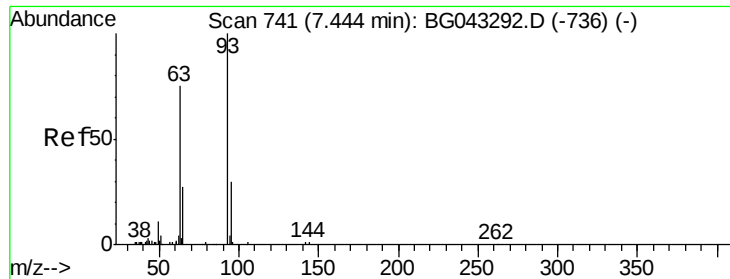
65 33.1 11.1 51.1

66 51.2 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: 40.459 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

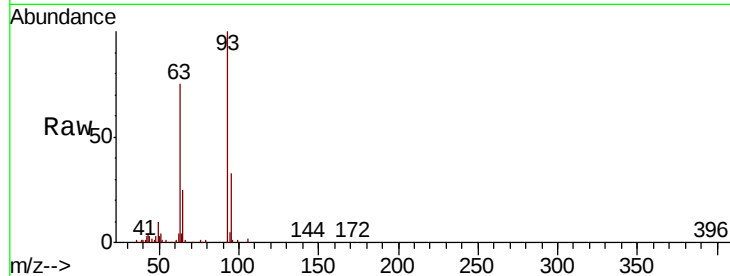
Tot Ion: 93 Resp: 72125

Ion Ratio Lower Upper

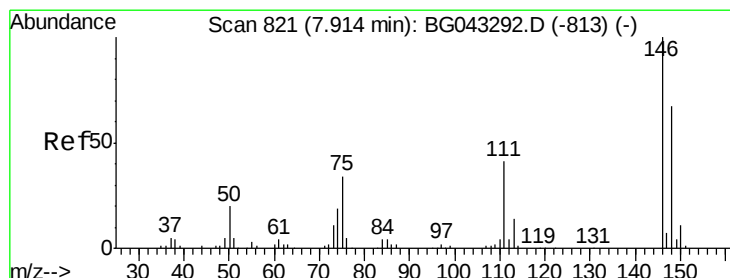
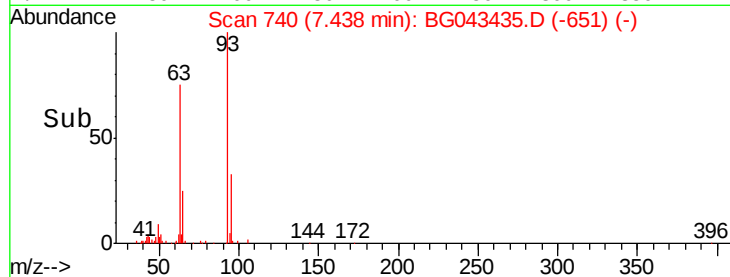
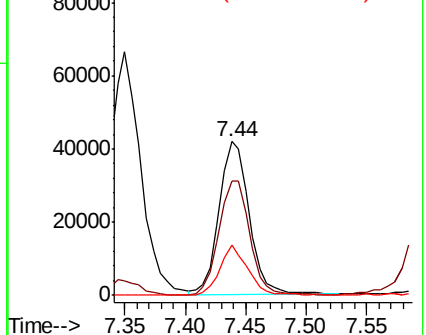
93 100

63 74.5 54.6 94.6

95 33.1 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: 40.477 ng

RT: 7.91 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

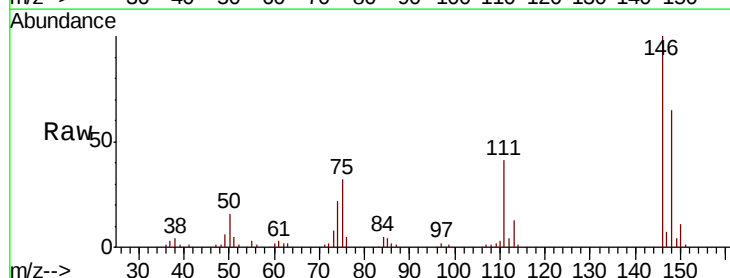
Tgt Ion: 146 Resp: 98181

Ion Ratio Lower Upper

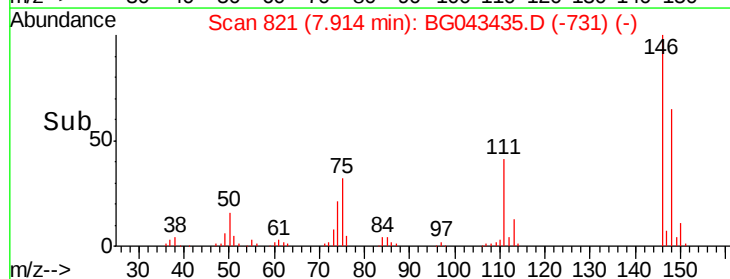
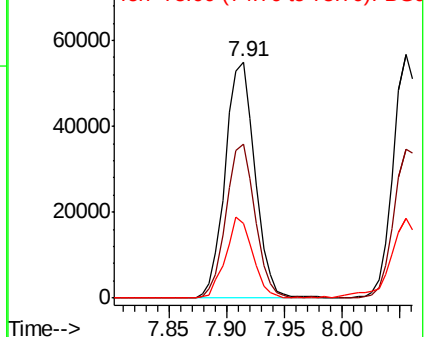
146 100

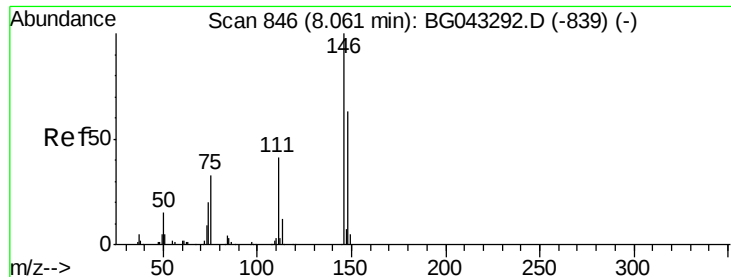
148 65.1 53.4 80.2

75 31.8 27.0 40.4



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





#13

1,4-Dichlorobenzene

Concen: 40.508 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

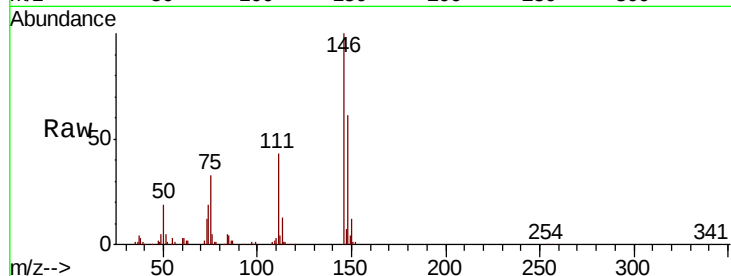
Tot Ion:146 Resp: 99412

Ion Ratio Lower Upper

146 100

148 61.1 50.7 76.1

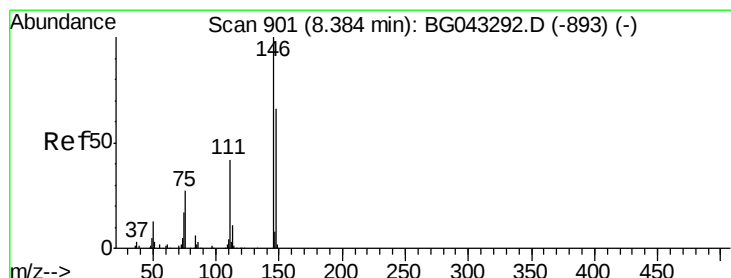
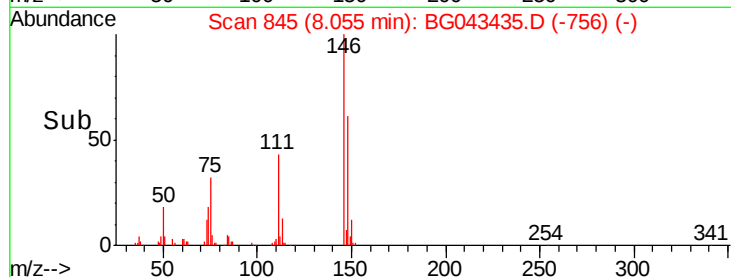
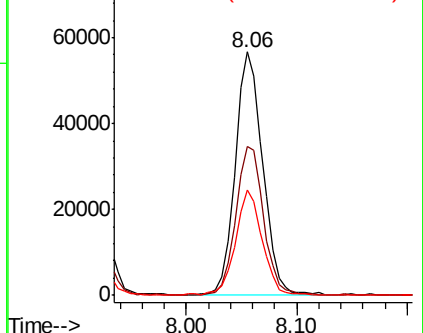
111 43.4 33.0 49.6



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: 40.026 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

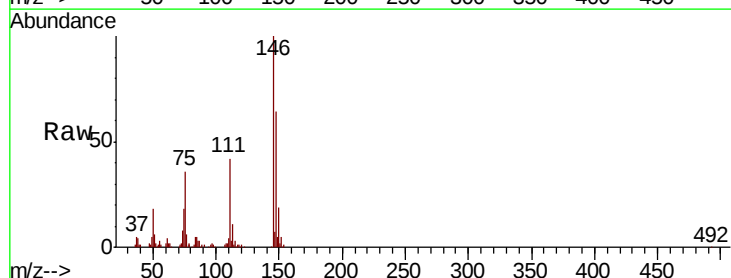
Tgt Ion:146 Resp: 95909

Ion Ratio Lower Upper

146 100

148 63.7 53.0 79.4

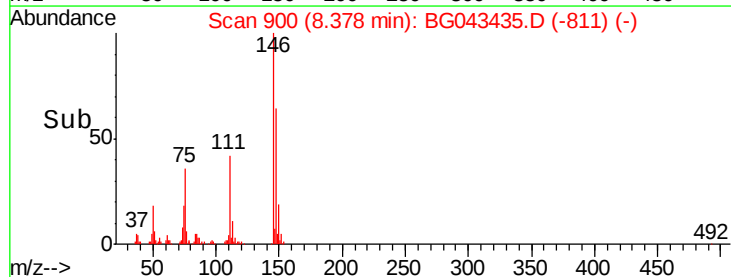
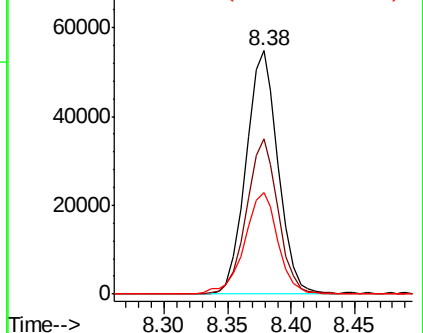
111 41.6 34.5 51.7

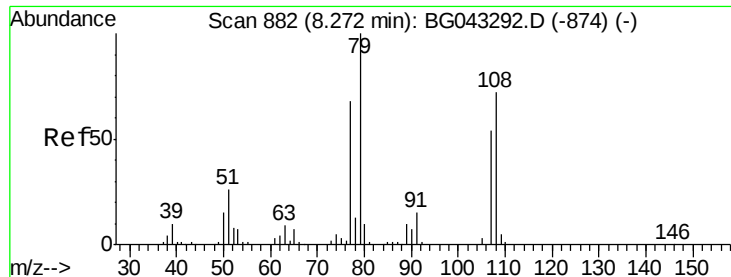


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

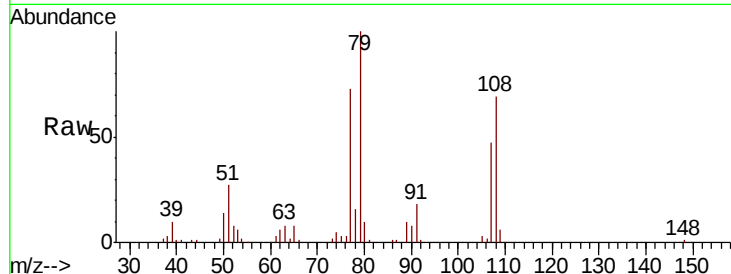




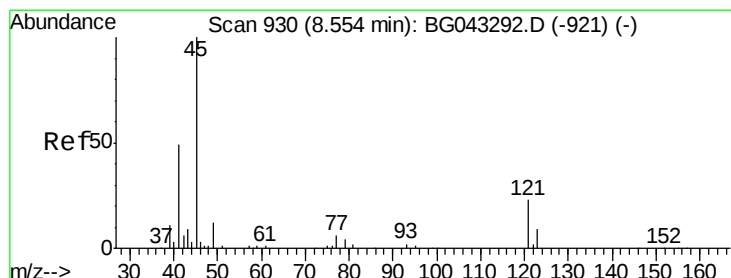
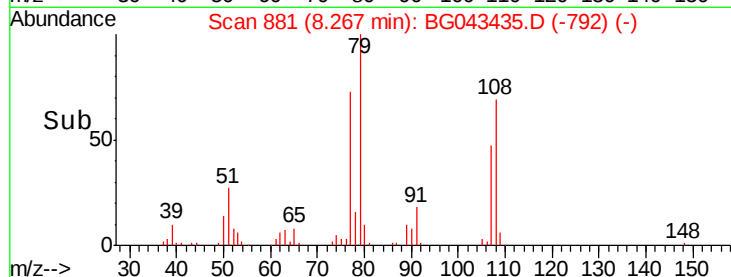
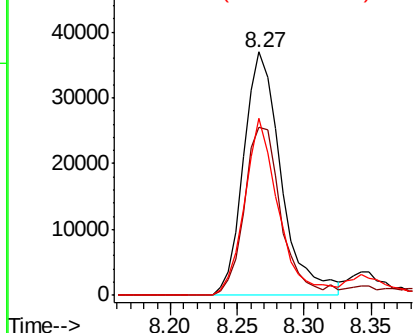
#15
Benzyl Alcohol
Concen: 40.612 ng
RT: 8.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 71969
Ion Ratio Lower Upper
79 100
108 69.2 57.3 85.9
77 72.7 54.6 81.8

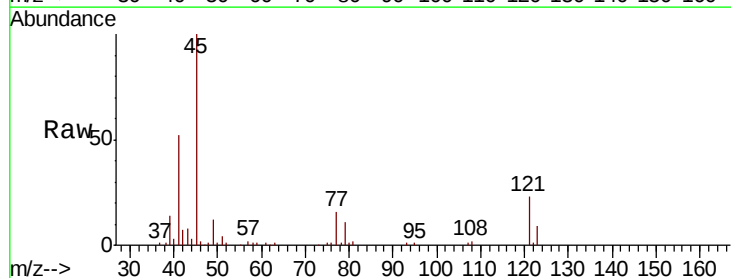


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

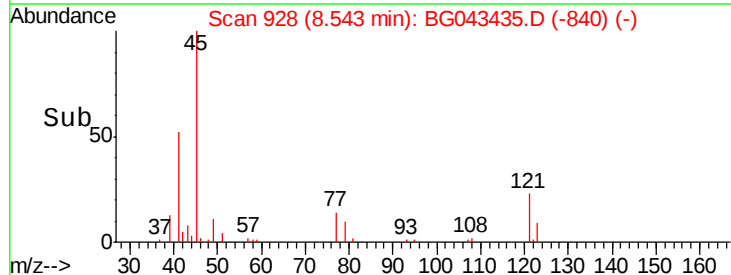
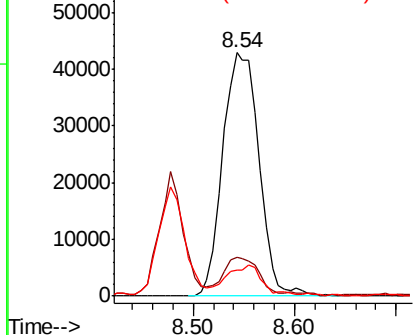


#16
2,2'-oxybis(1-chloropropane)
Concen: 40.970 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion: 45 Resp: 106201
Ion Ratio Lower Upper
45 100
77 15.8 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: 40.306 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 67750

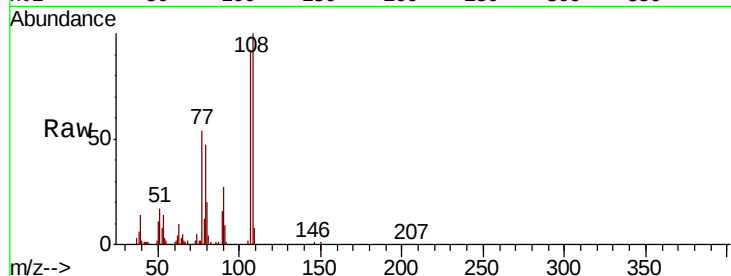
Ion Ratio Lower Upper

107 100

108 109.0 91.3 136.9

77 58.6 43.0 64.6

79 51.3 43.4 65.2

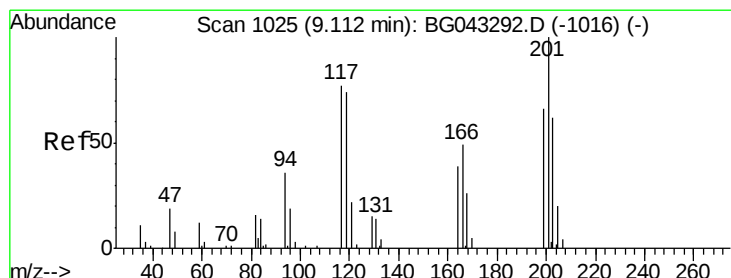
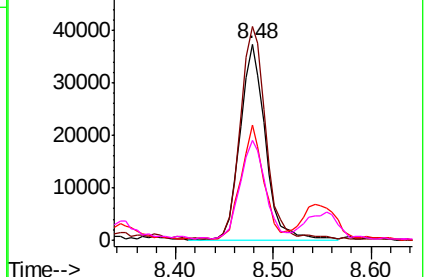
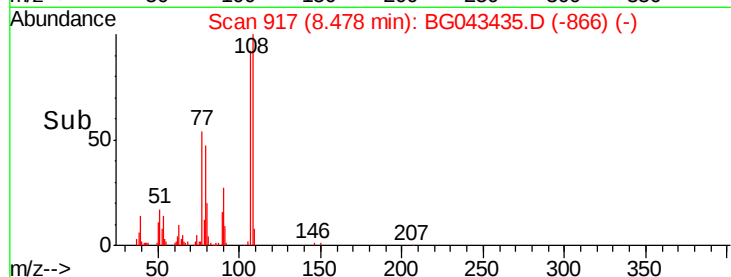


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.278 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

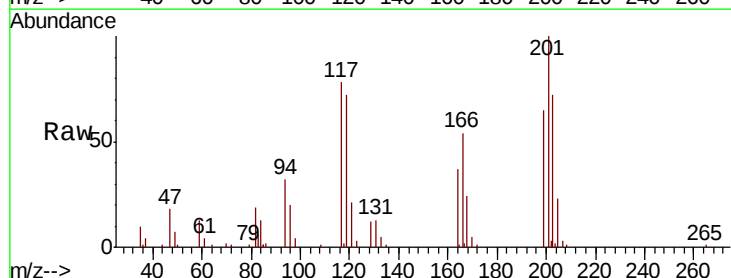
Tgt Ion:117 Resp: 36548

Ion Ratio Lower Upper

117 100

119 92.3 77.3 115.9

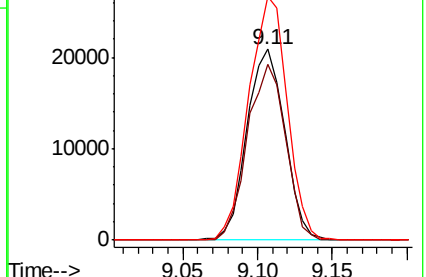
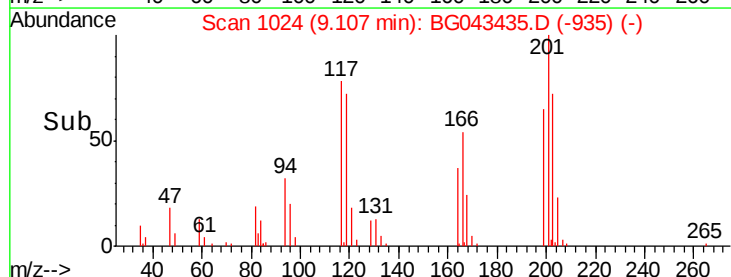
201 127.7 104.2 156.4

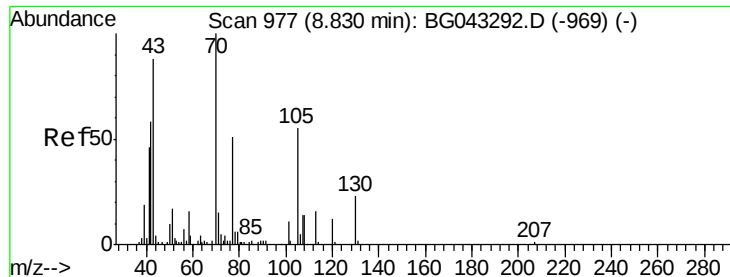


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.661 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 64667

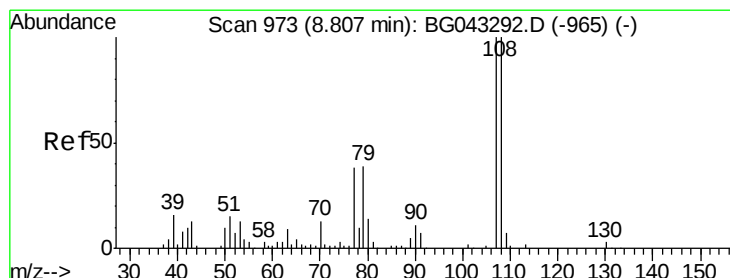
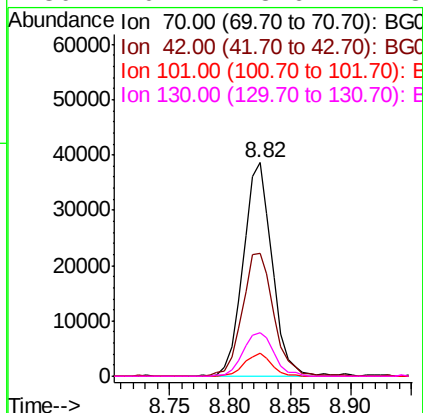
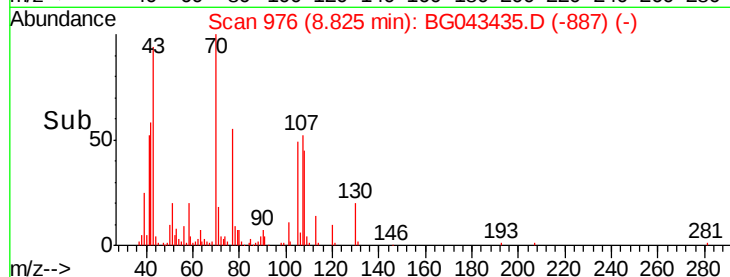
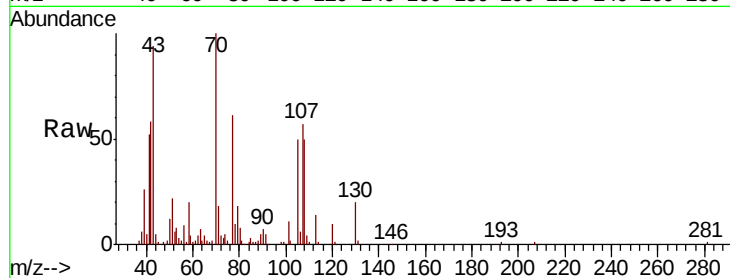
Ion Ratio Lower Upper

70 100

42 57.5 46.2 69.2

101 11.1 8.6 13.0

130 20.2 18.6 27.8



#20

3+4-Methylphenols

Concen: 38.391 ng

RT: 8.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Tgt Ion: 107 Resp: 88489

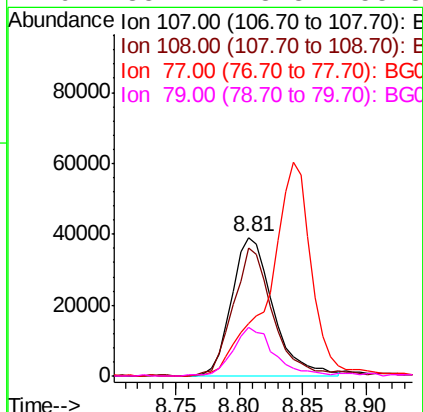
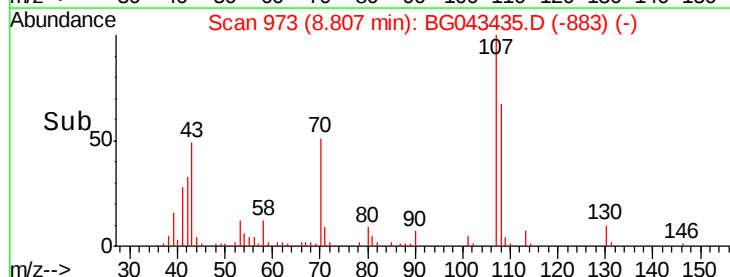
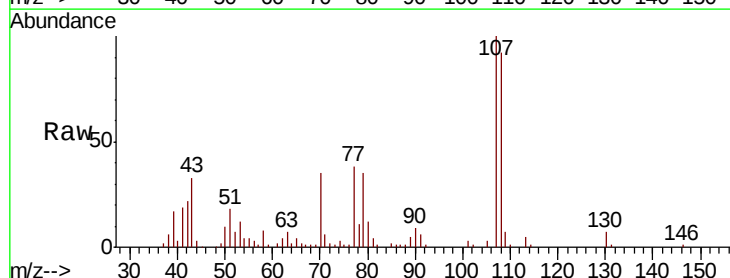
Ion Ratio Lower Upper

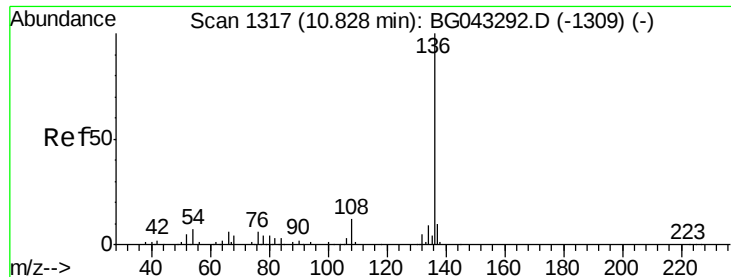
107 100

108 92.1 80.3 120.3

77 37.6 18.2 58.2

79 35.1 18.8 58.8

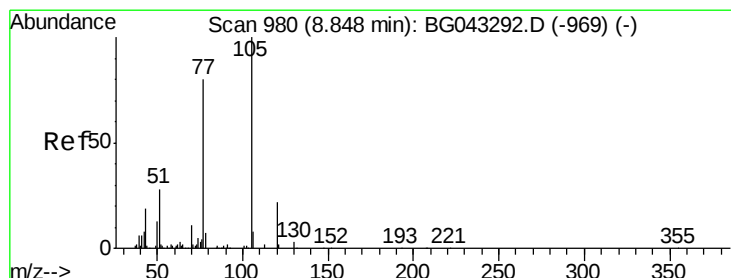
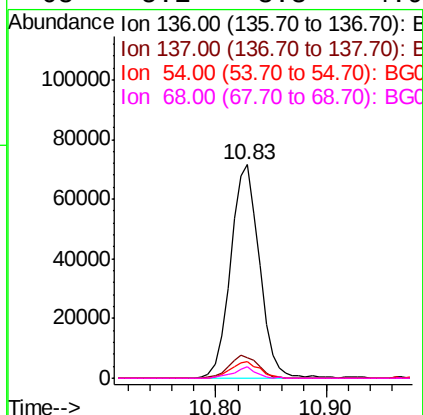
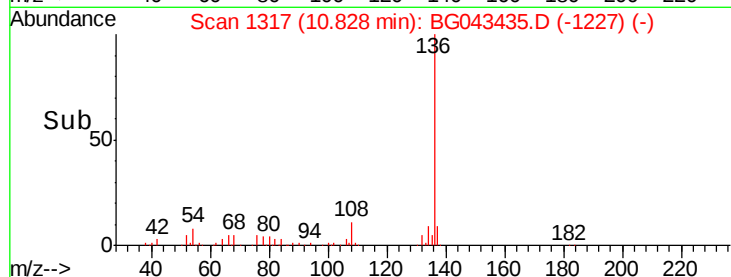
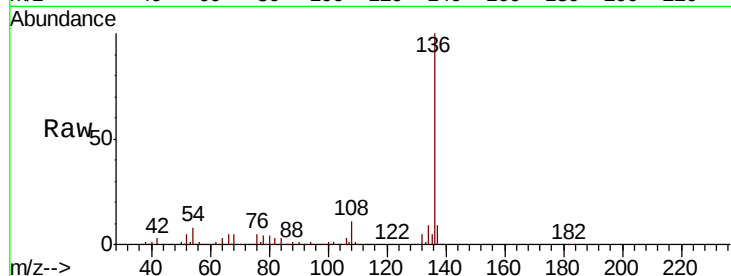




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

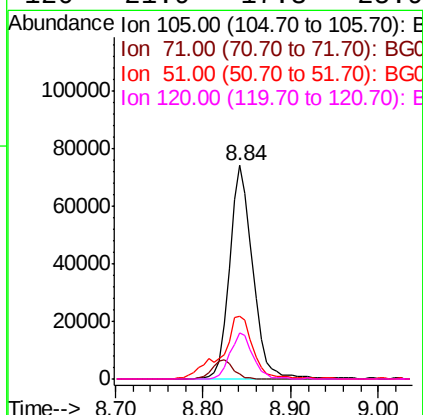
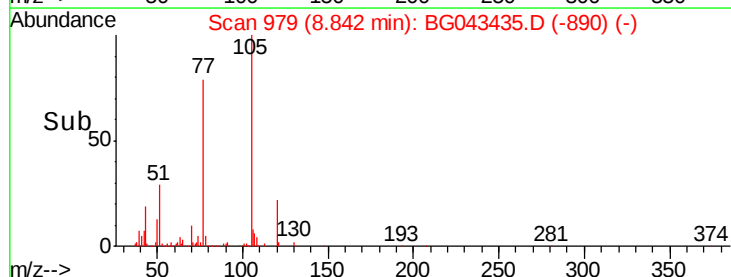
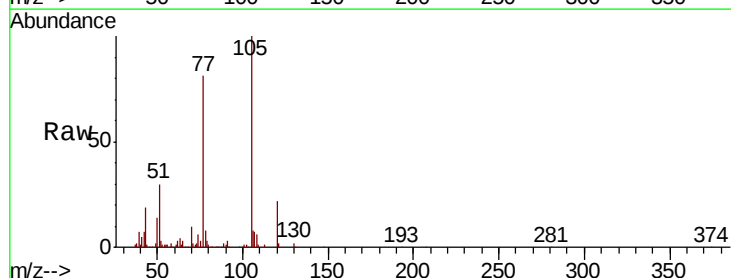
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	131281
Ion	Ratio	Lower Upper
136	100	
137	9.5	8.2 12.2
54	7.7	5.4 8.2
68	5.1	3.3 4.9



#22
Acetophenone
Concen: 39.668 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion:105	Resp:	133362
Ion	Ratio	Lower Upper
105	100	
71	2.2	1.5 2.3
51	29.5	23.9 35.9
120	21.9	17.3 25.9

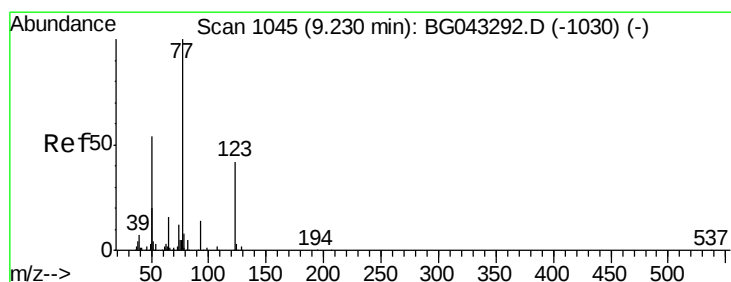
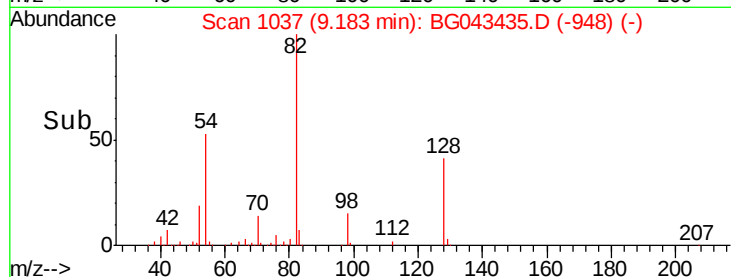
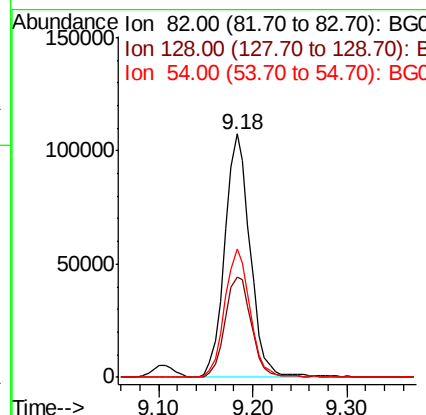
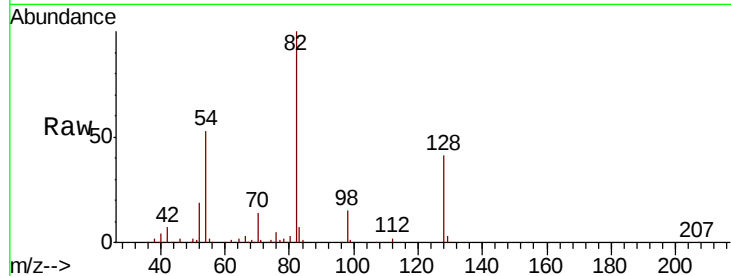




#23
 Nitrobenzene-d5
 Concen: 78.861 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

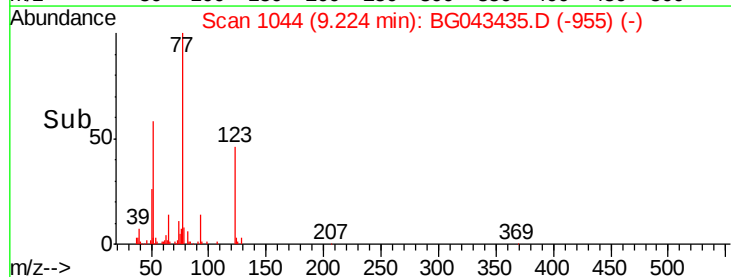
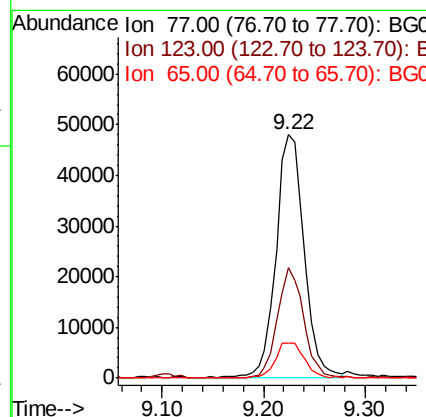
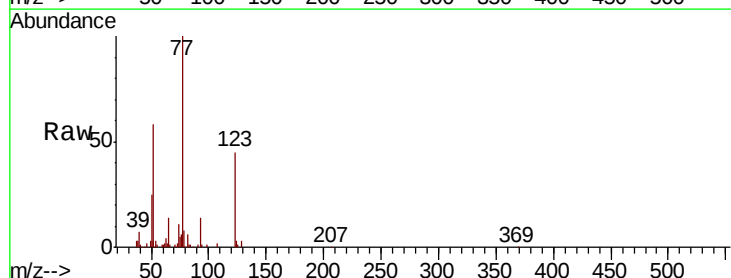
Instrument :
 BNA_G
 ClientSampleID :

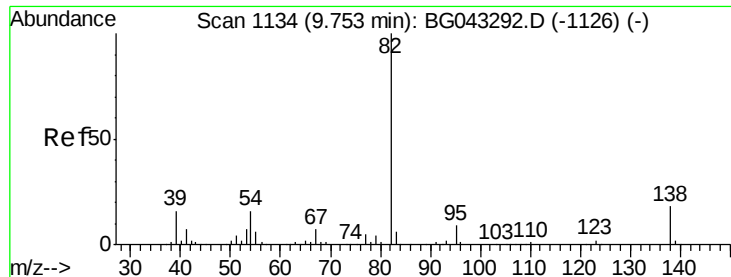
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.3	52.9
54	52.6	42.3	63.5



#24
 Nitrobenzene
 Concen: 38.587 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.8	50.8
65	14.3	13.0	19.4

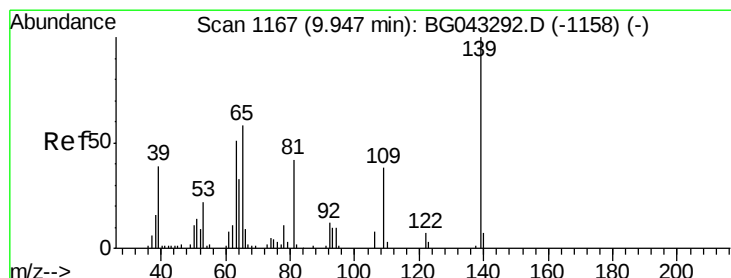
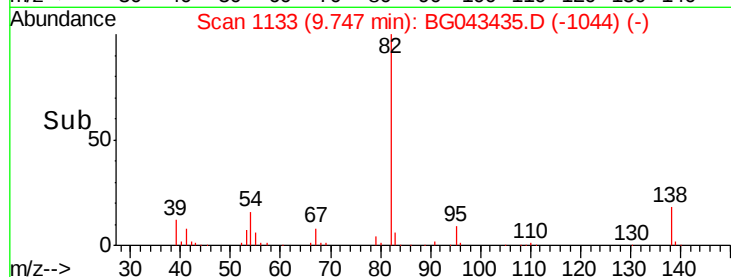
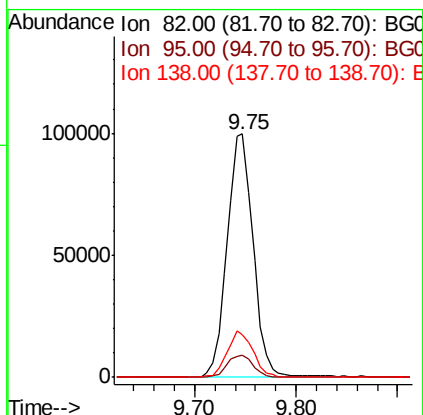
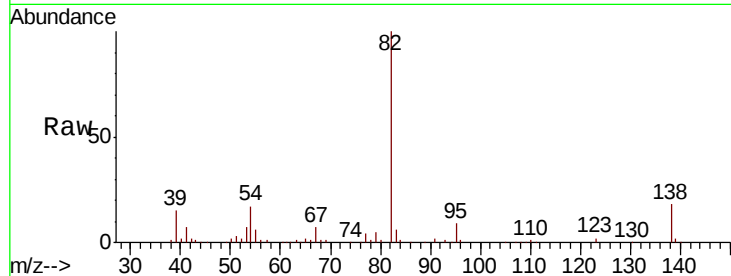




#25
Isophorone
Concen: 38.238 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

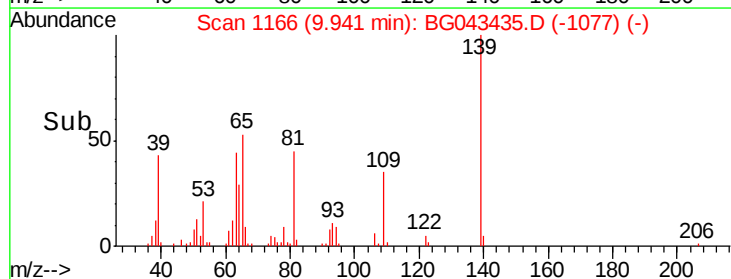
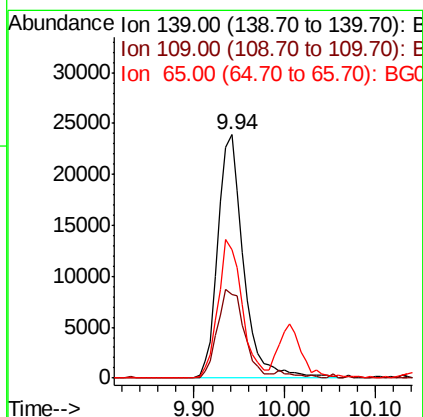
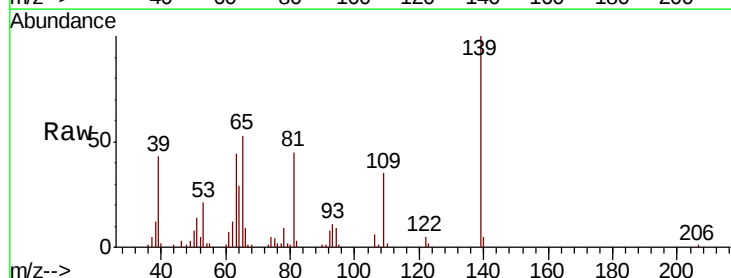
Instrument :
BNA_G
ClientSampled :

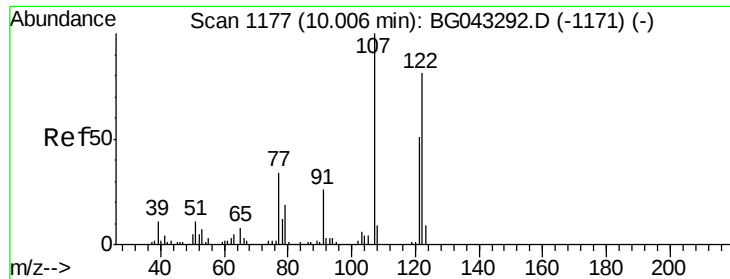
Tot Ion: 82 Resp: 178020
Ion Ratio Lower Upper
82 100
95 9.1 6.9 10.3
138 17.6 14.2 21.2



#26
2-Nitrophenol
Concen: 40.080 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion: 139 Resp: 46939
Ion Ratio Lower Upper
139 100
109 34.6 30.1 45.1
65 52.9 46.1 69.1

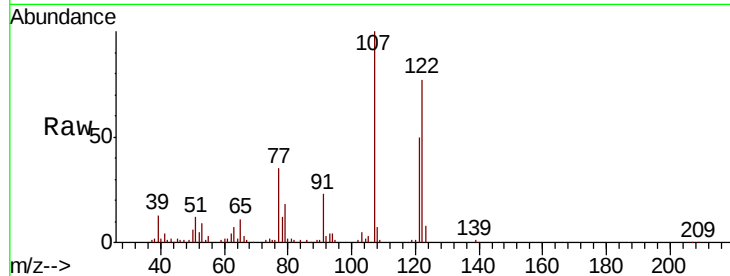




#27
2,4-Dimethylphenol
Concen: 38.519 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.6	98.6	147.8
121	64.2	50.1	75.1

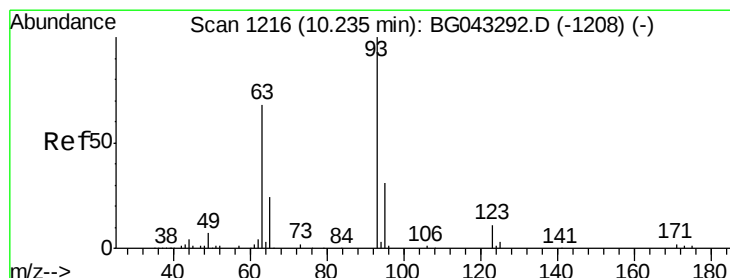
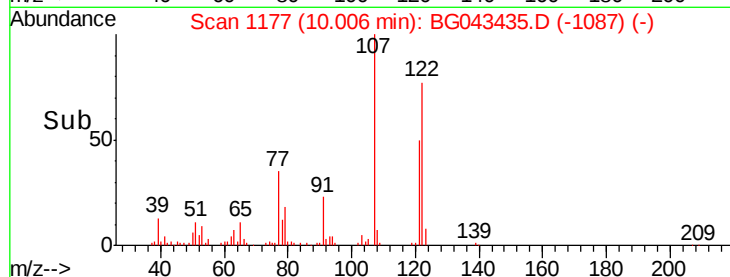
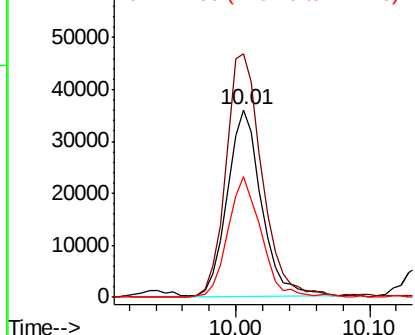


Abundance

Ion 122.00 (121.70 to 122.70): E

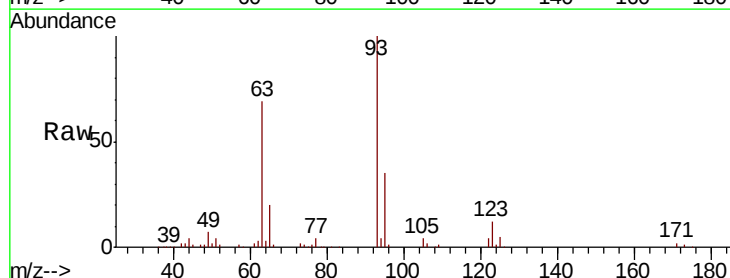
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.173 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.8	24.9	37.3
123	12.1	8.9	13.3

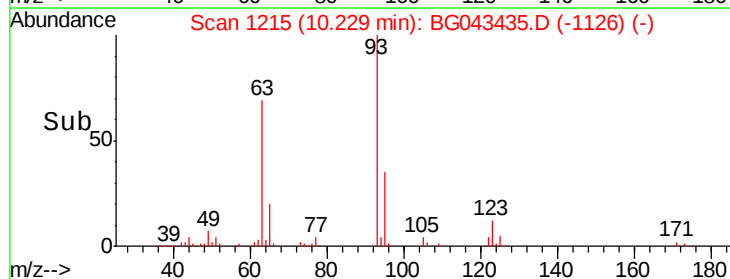
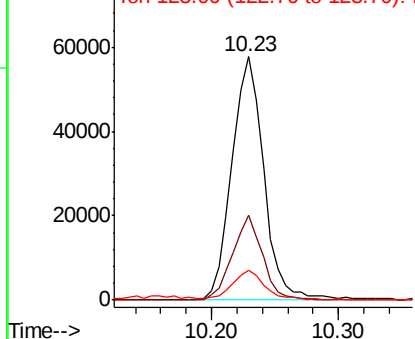


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

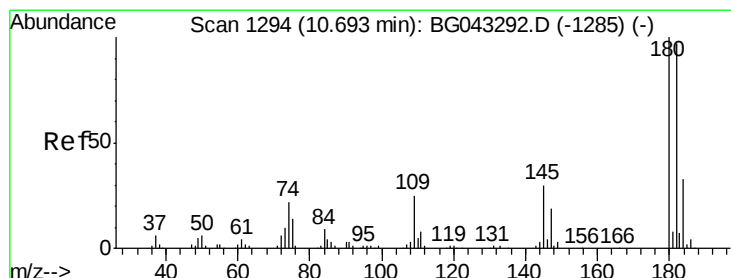
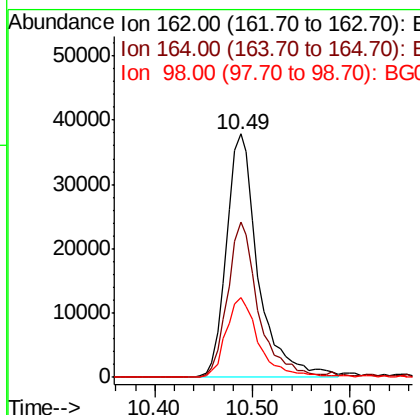
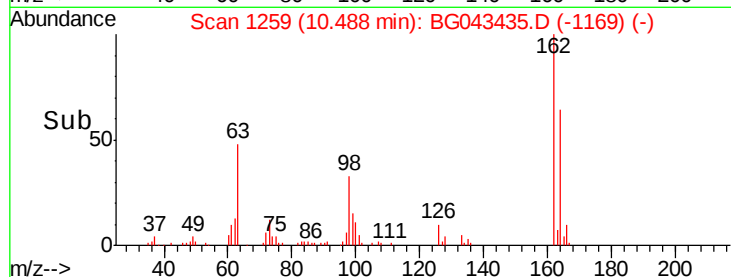
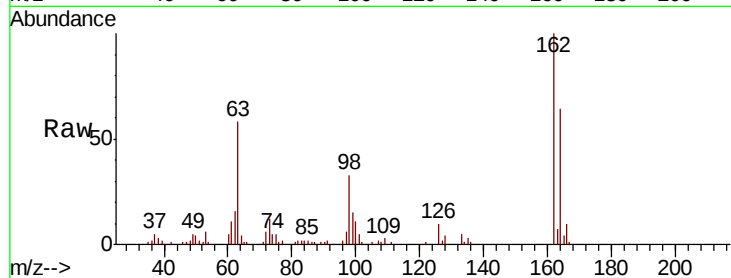




#29
 2,4-Dichlorophenol
 Concen: 39.775 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

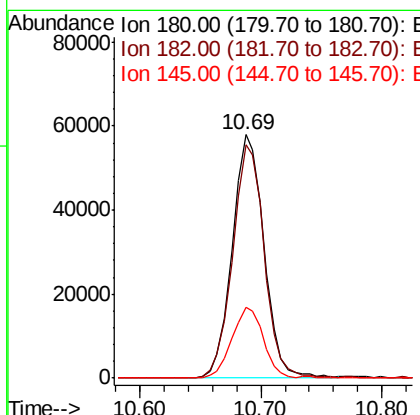
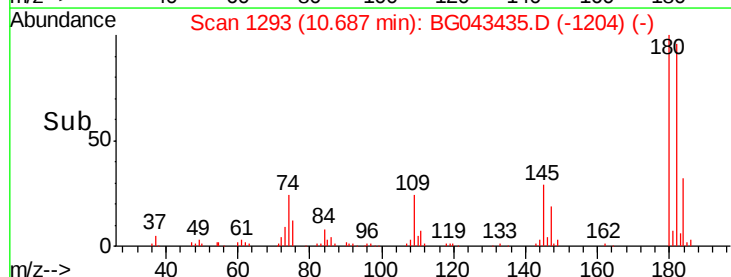
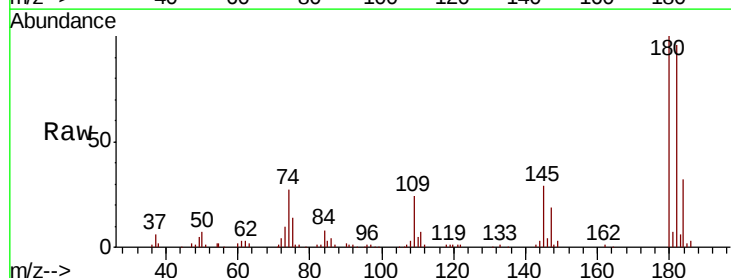
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	37.3	77.3
98	32.5	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.081 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.8	116.8
145	29.0	23.6	35.4

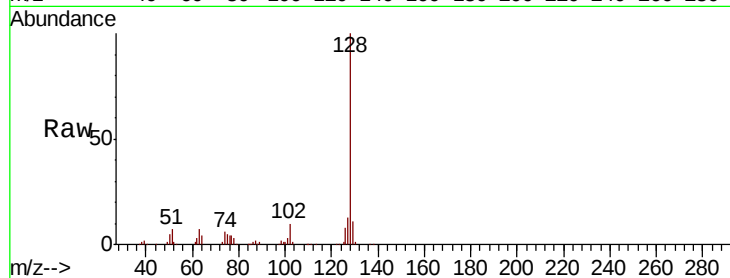




#31
Naphthalene
Concen: 39.695 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.9	11.5	17.3

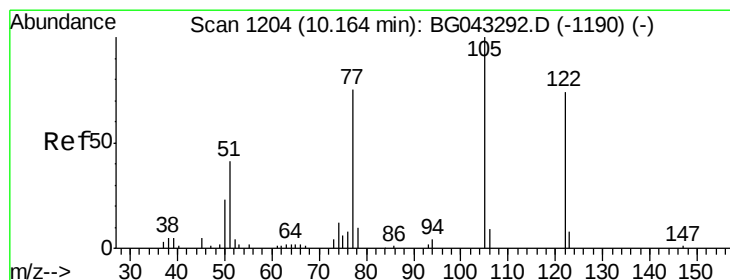
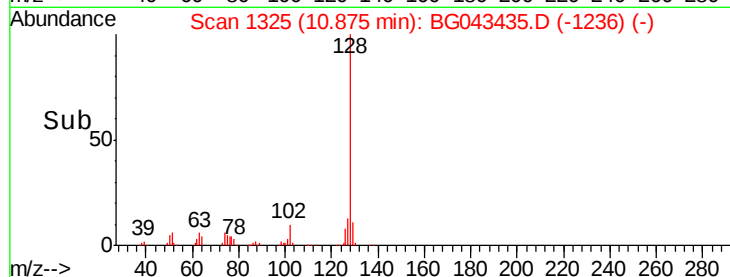
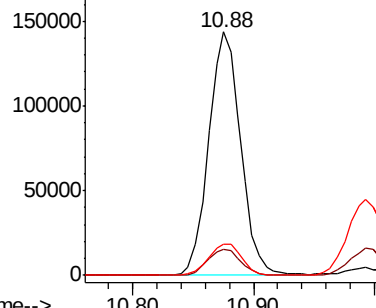


Abundance

Ion 128.00 (127.70 to 128.70): E

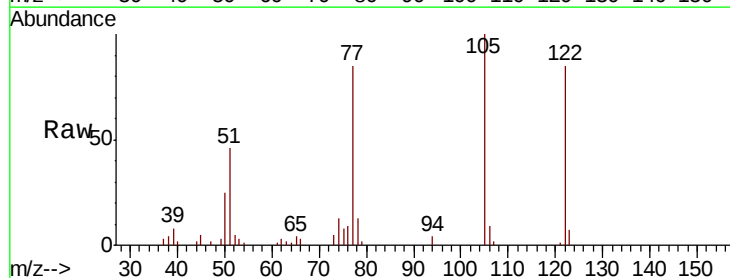
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.768 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	112.4	152.4
77	100.1	82.7	122.7

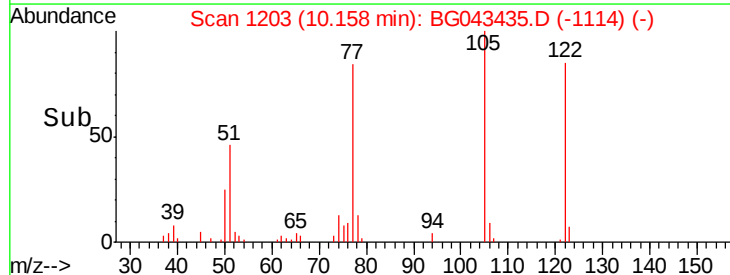
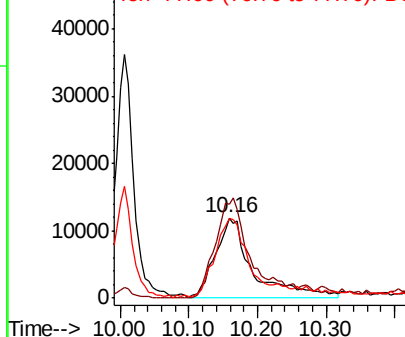


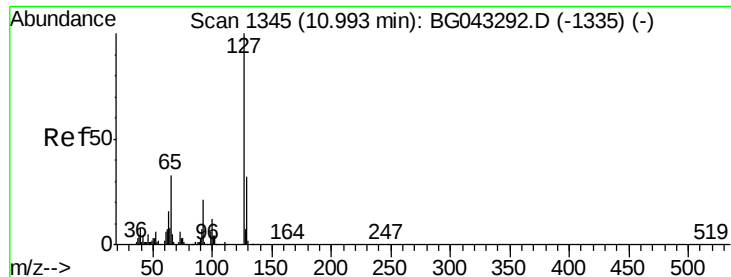
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

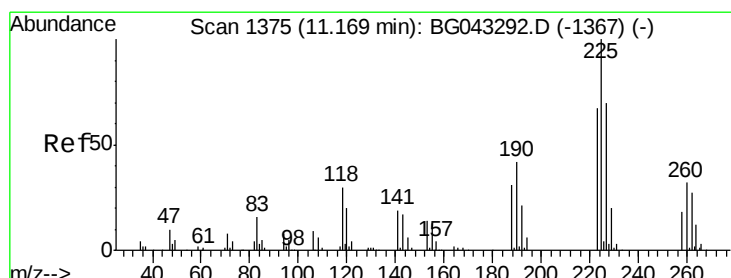
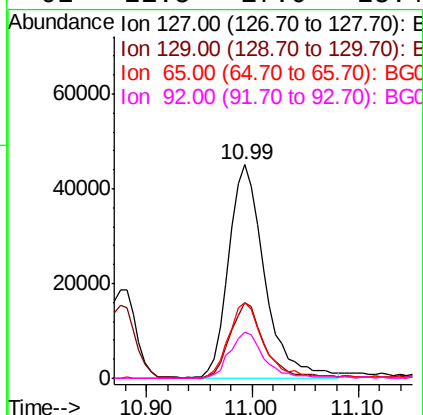
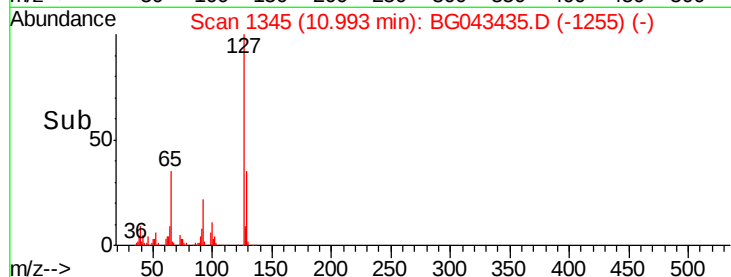
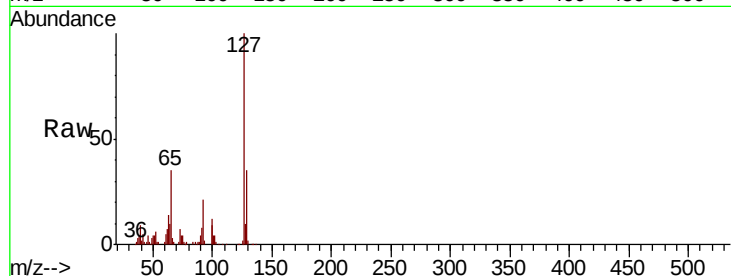




#33
4-Chloroaniline
Concen: 38.975 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

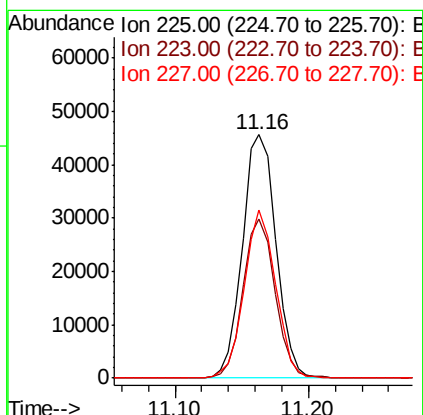
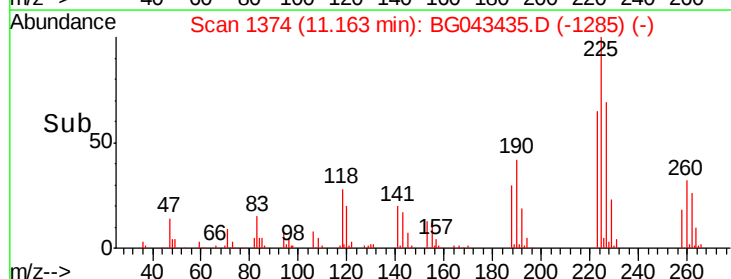
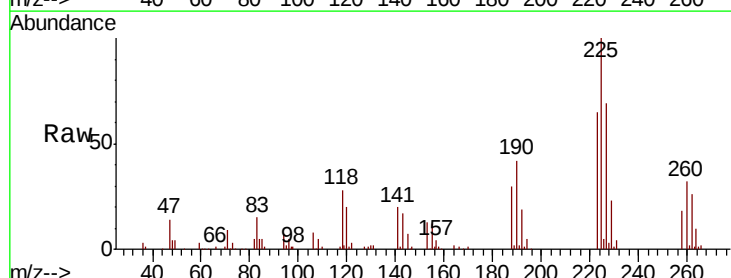
Instrument :
BNA_G
ClientSampleId :

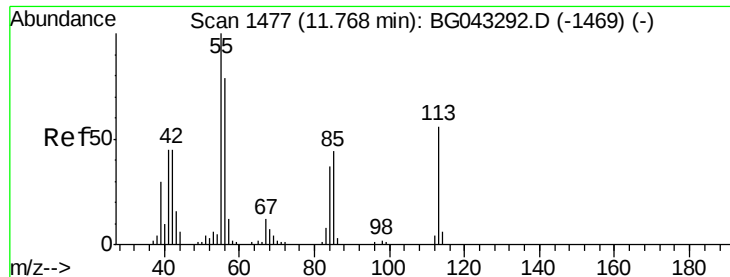
Tot Ion:127	Resp:	106463
Ion Ratio	Lower	Upper
127	100	
129	35.4	25.8 38.8
65	35.3	26.2 39.2
92	21.5	17.0 25.4



#34
Hexachlorobutadiene
Concen: 39.491 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion:225	Resp:	79131
Ion Ratio	Lower	Upper
225	100	
223	65.4	53.2 79.8
227	69.1	56.2 84.2





#35

Caprolactam

Concen: 38.246 ng

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampled :

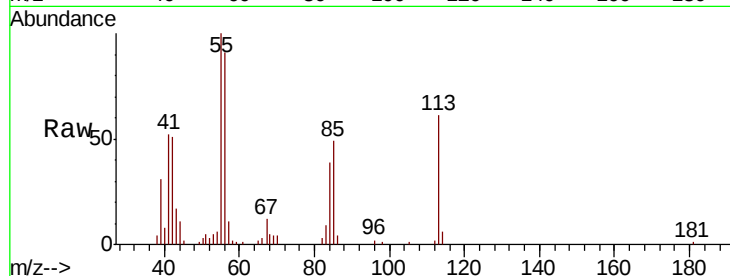
Tot Ion:113 Resp: 28329

Ion Ratio Lower Upper

113 100

55 164.0 158.9 198.9

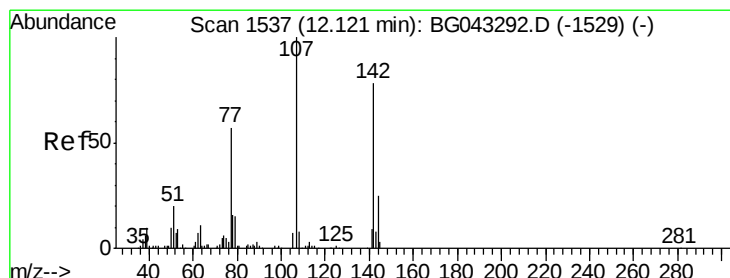
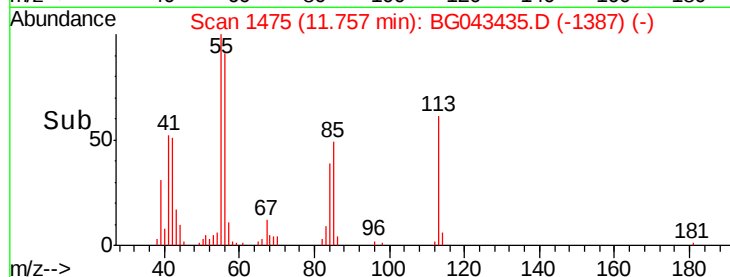
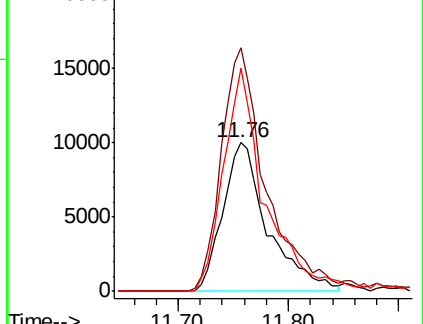
56 149.9 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.202 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

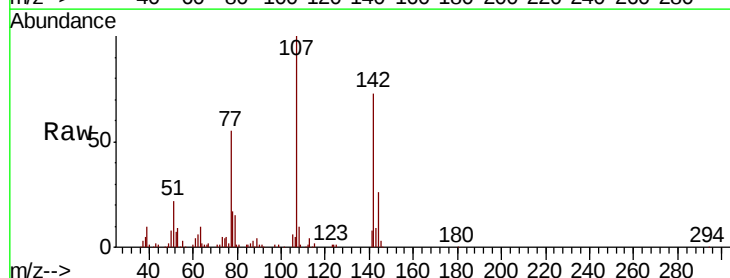
Tgt Ion:107 Resp: 91965

Ion Ratio Lower Upper

107 100

144 25.9 19.9 29.9

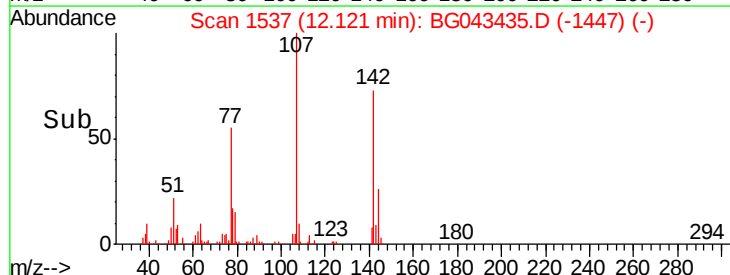
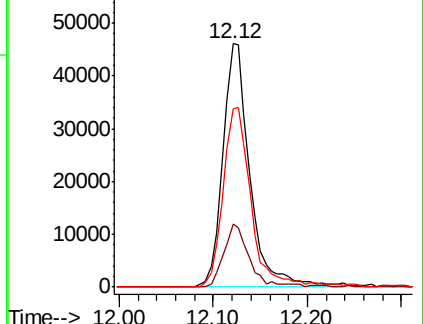
142 73.2 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

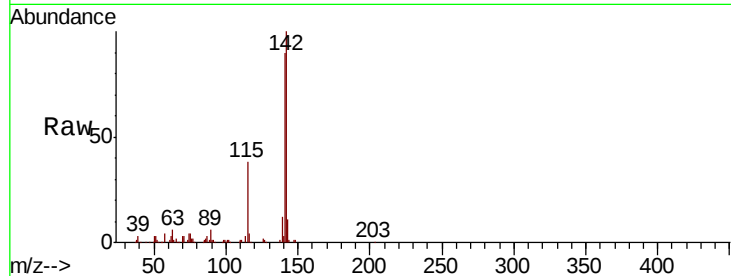




#37
2-Methylnaphthalene
Concen: 38.537 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.7	104.5
115	38.2	30.6	46.0

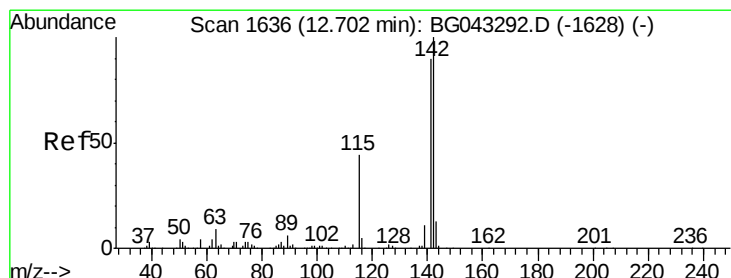
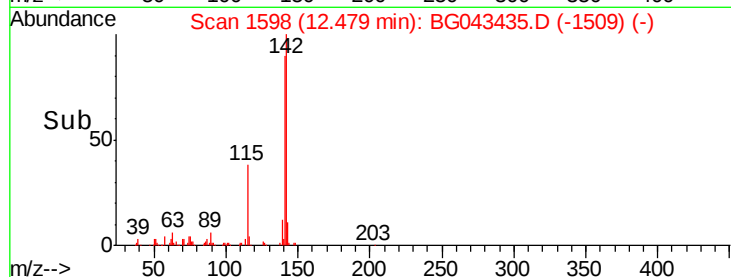
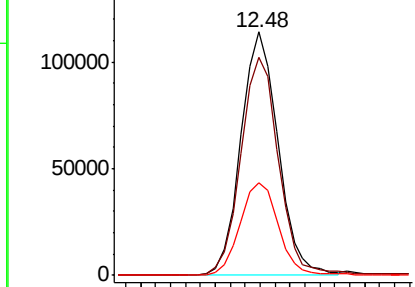


Abundance

Ion 142.00 (141.70 to 142.70): E

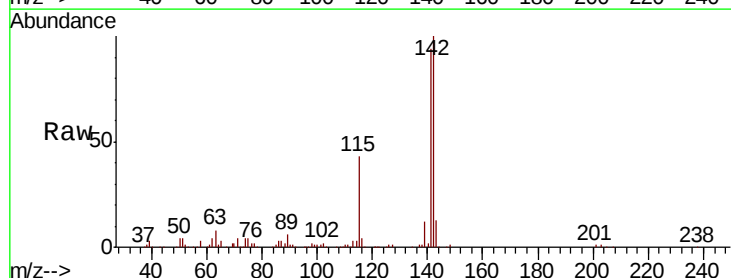
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.054 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.3	108.5
116	4.4	3.8	5.6

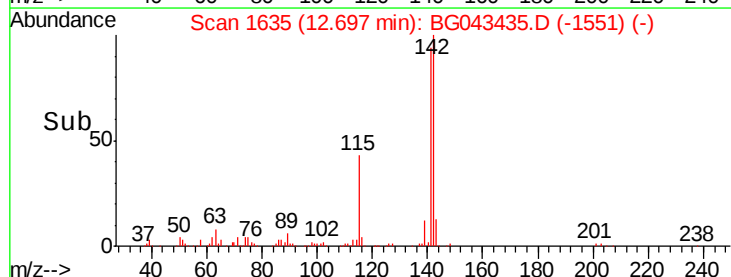
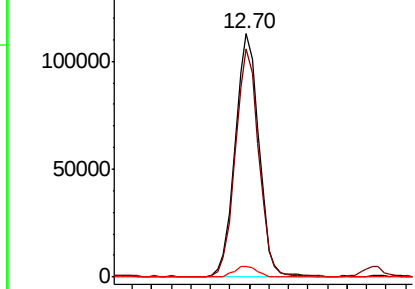


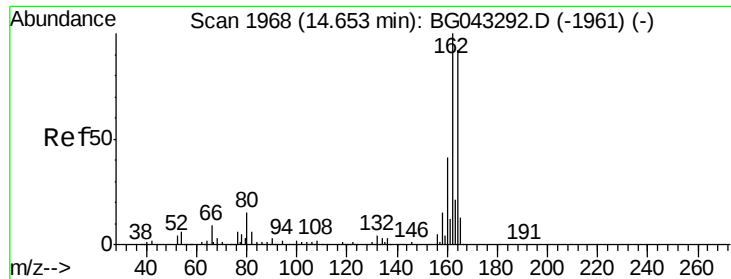
Abundance

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# 1967

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

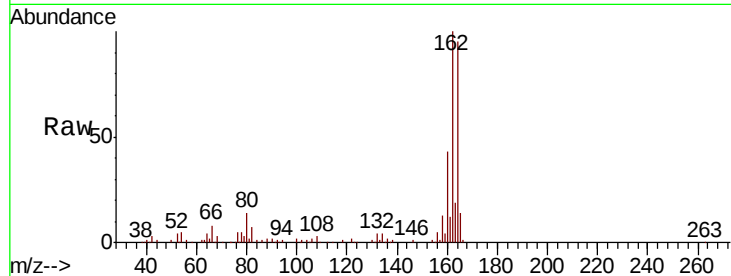
Tot Ion:164 Resp: 94298

Ion Ratio Lower Upper

164 100

162 105.1 87.0 130.4

160 45.3 35.5 53.3

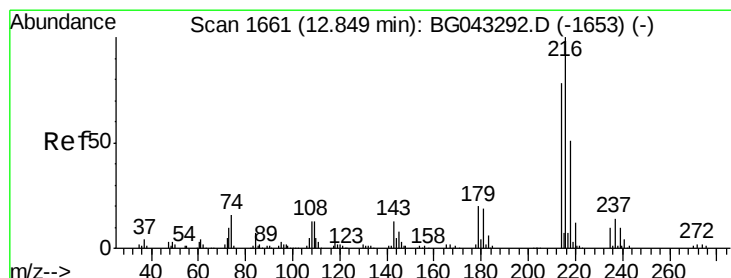
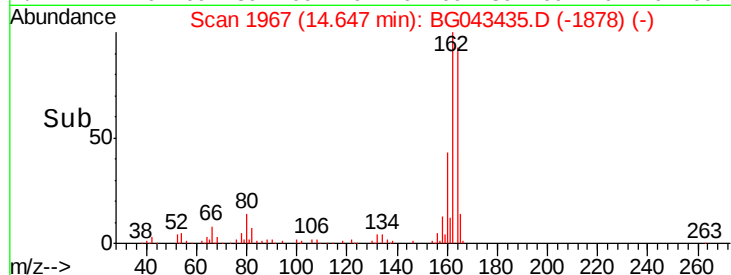
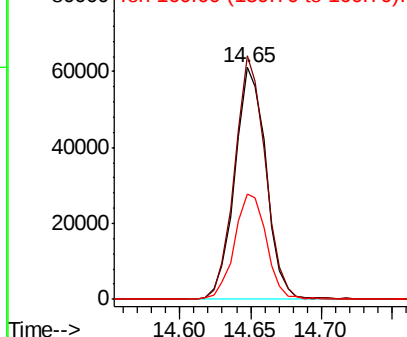


Abundance

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: 41.054 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Tgt Ion:216 Resp: 143271

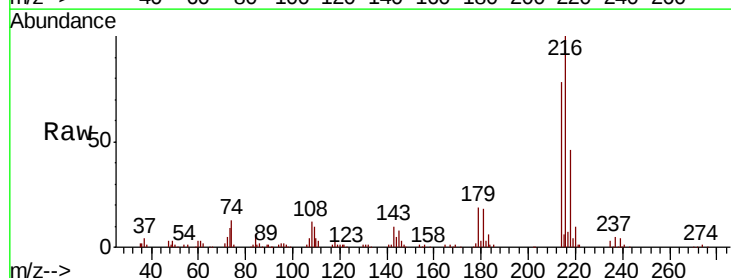
Ion Ratio Lower Upper

216 100

214 77.5 63.5 95.3

179 19.2 16.2 24.2

108 13.8 11.2 16.8



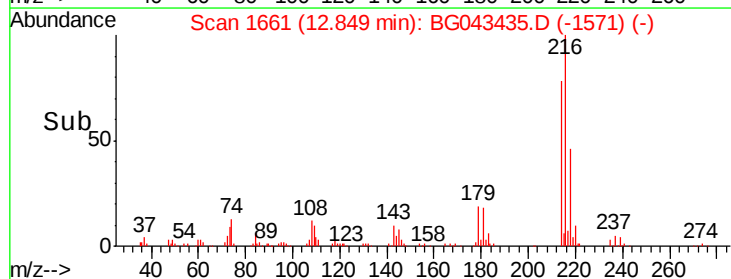
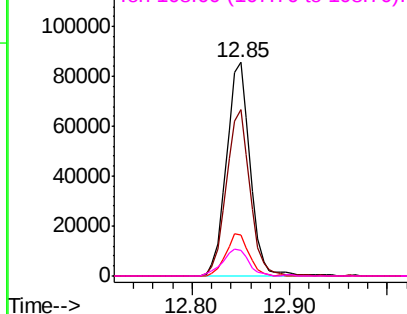
Abundance

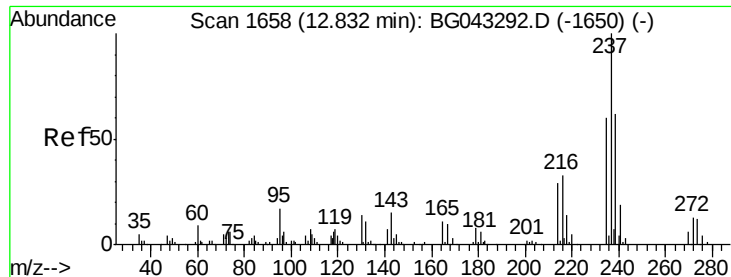
Ion 216.00 (215.70 to 216.70): E

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: 38.008 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

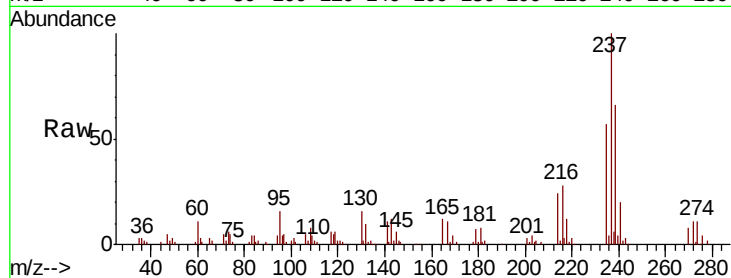
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 69677

Ion	Ratio	Lower	Upper
237	100		
235	56.6	40.3	80.3
272	11.4	0.0	32.9

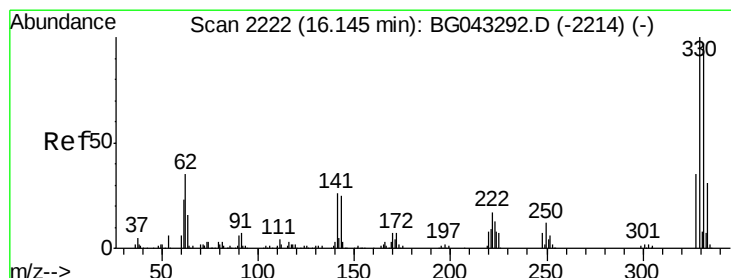
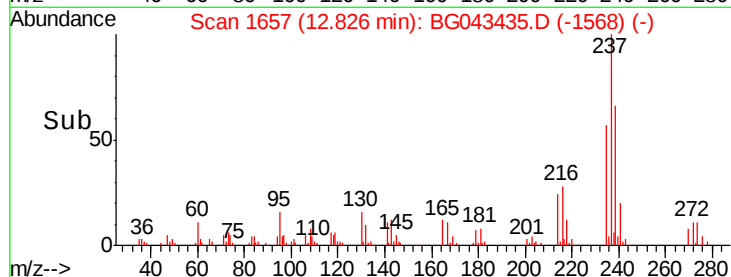
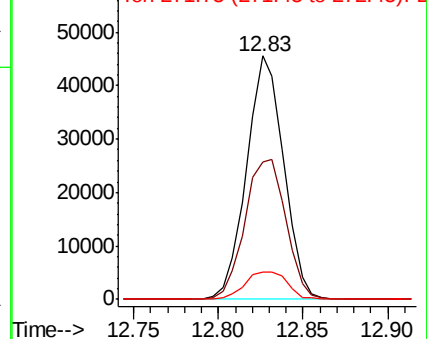


Abundance

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: 77.906 ng

RT: 16.14 min Scan# 2221

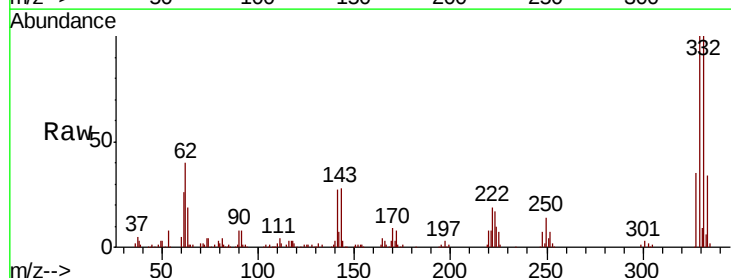
Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Tgt Ion:330 Resp: 139802

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.4	114.6
141	28.5	21.4	32.0

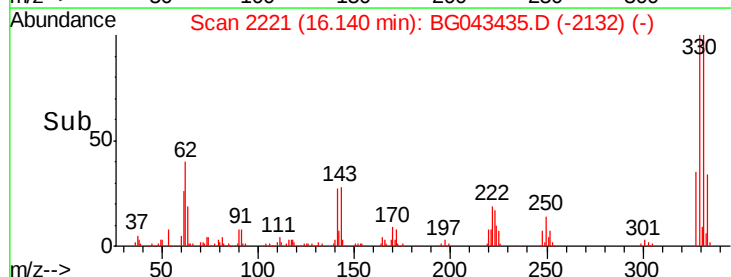
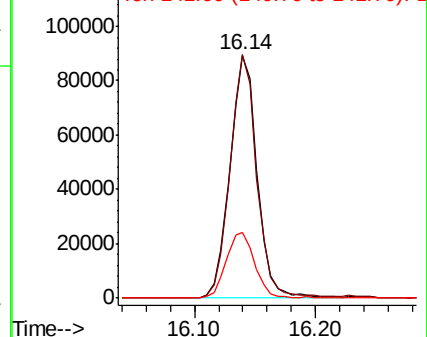


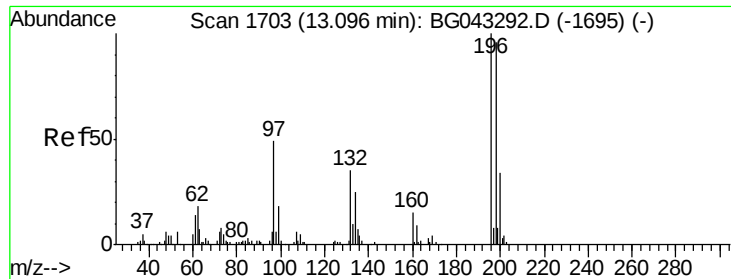
Abundance

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

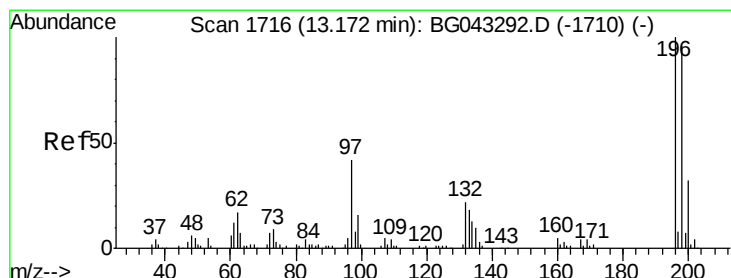
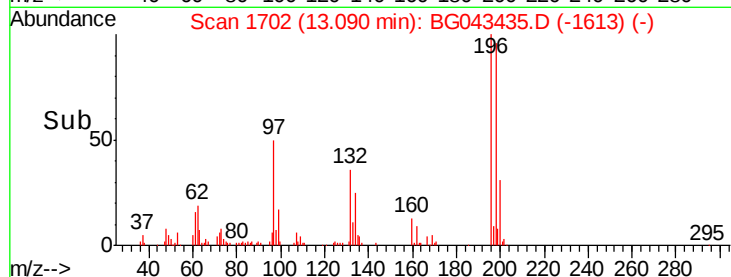
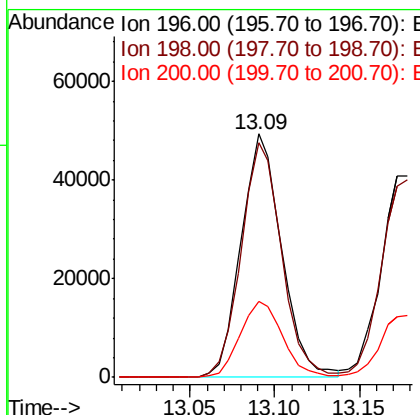
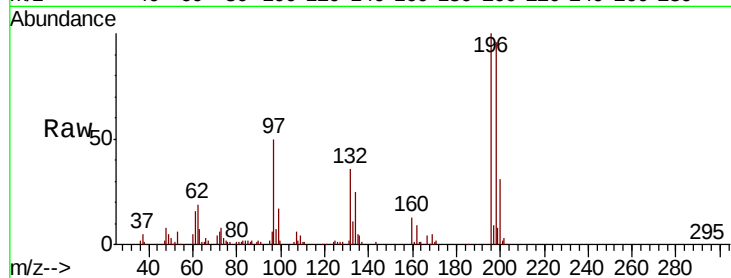




#43
 2,4,6-Trichlorophenol
 Concen: 40.105 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

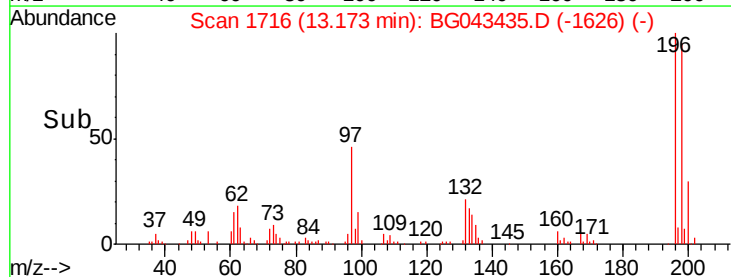
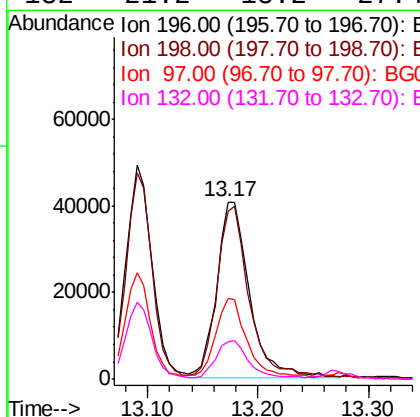
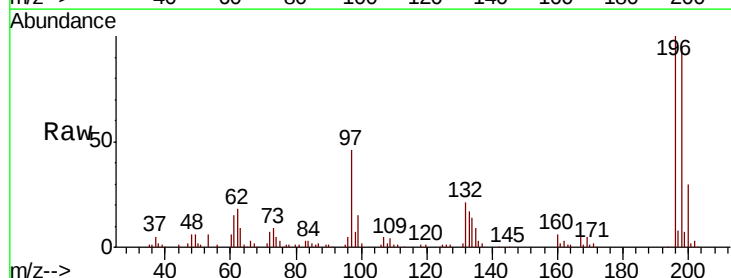
Instrument :
 BNA_G
 ClientSampleId :

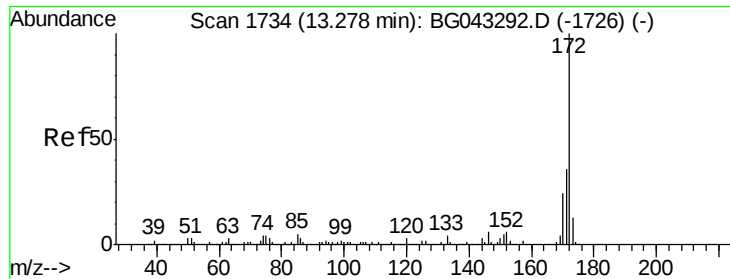
Tot Ion:196 Resp: 82424
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.0 115.4
 200 31.4 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 40.624 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

Tgt Ion:196 Resp: 84406
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 114.8
 97 45.5 34.1 51.1
 132 21.2 18.2 27.4

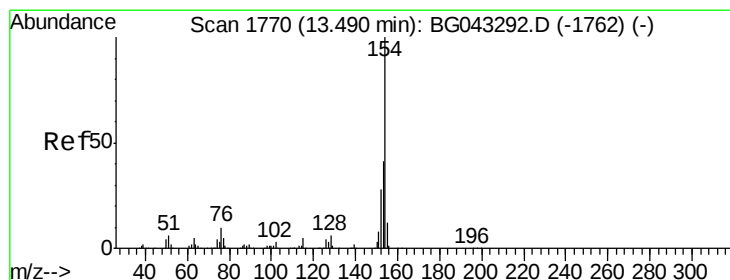
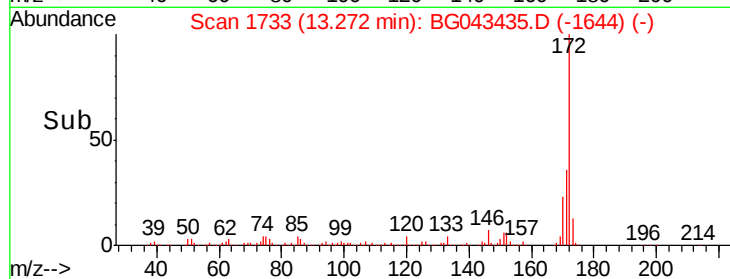
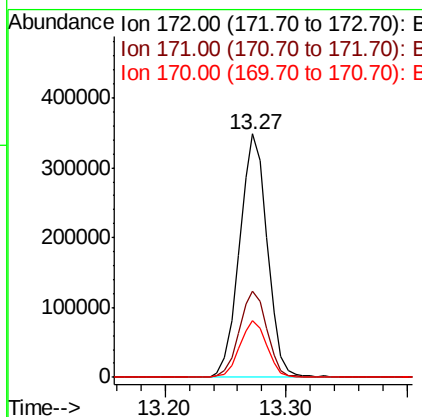
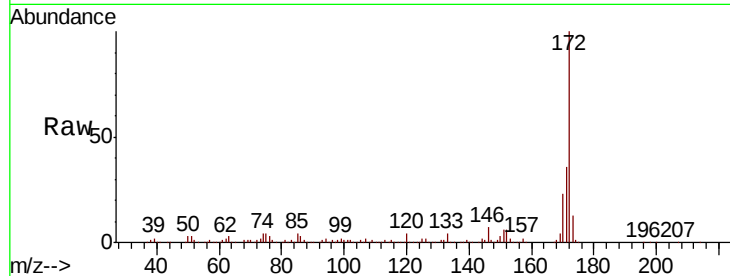




#45
2-Fluorobiphenyl
Concen: 81.751 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

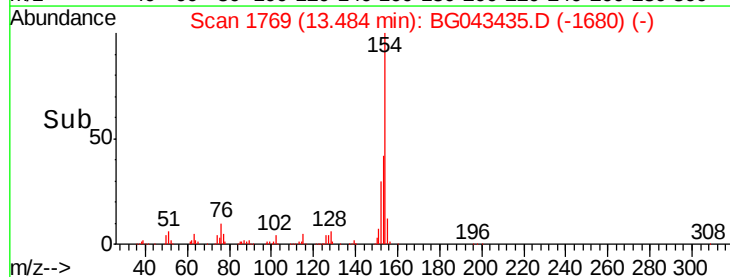
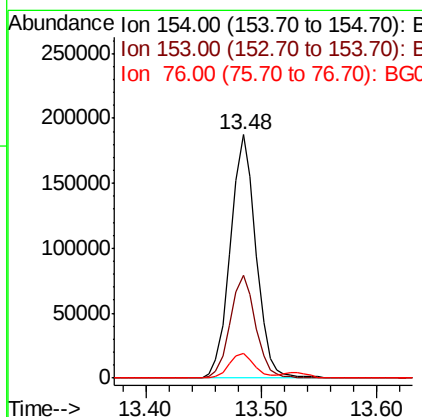
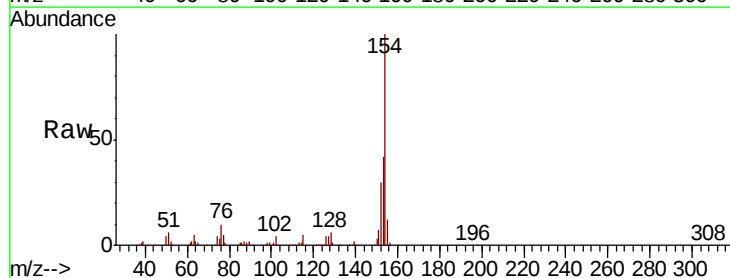
Instrument :
BNA_G
ClientSampleId :

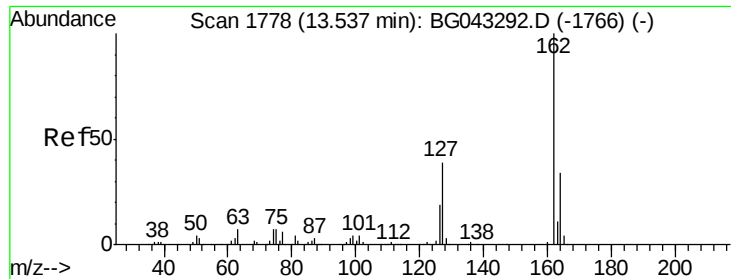
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	18.8	28.2



#46
1,1'-Biphenyl
Concen: 40.234 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.0	61.0
76	10.2	0.0	29.8

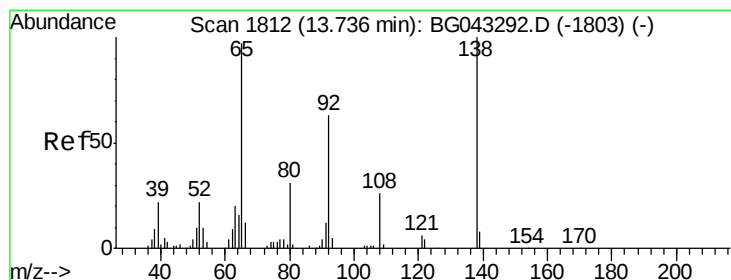
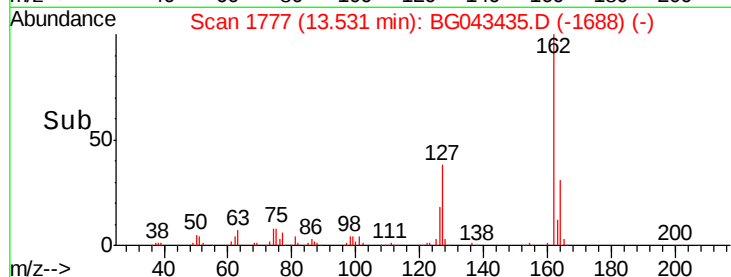
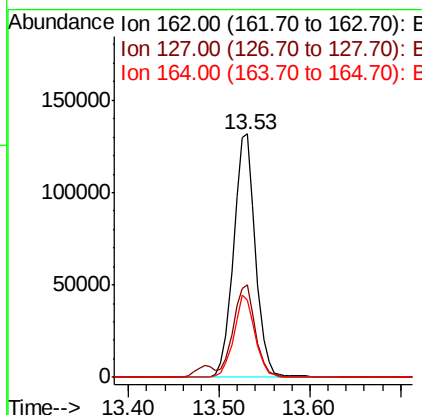
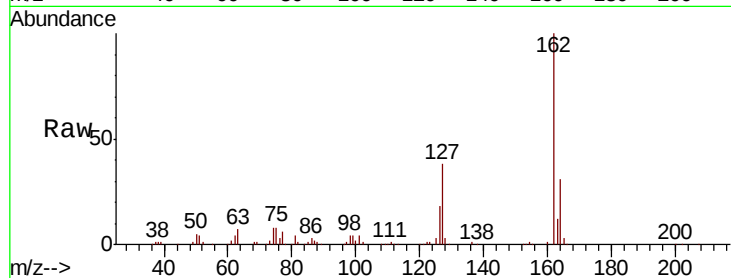




#47
 2-Chloronaphthalene
 Concen: 40.722 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

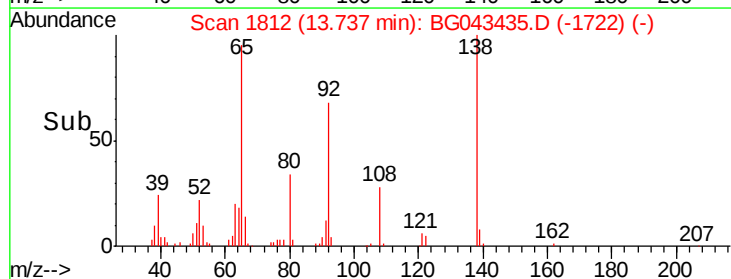
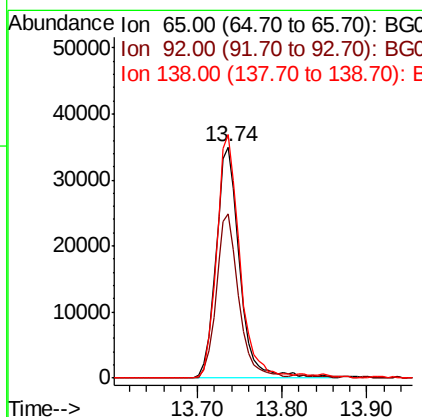
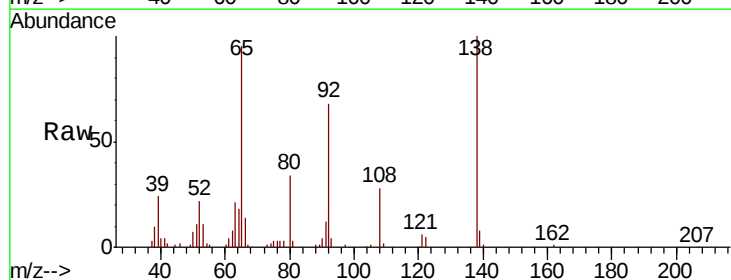
Instrument :
 BNA_G
 ClientSampleId :

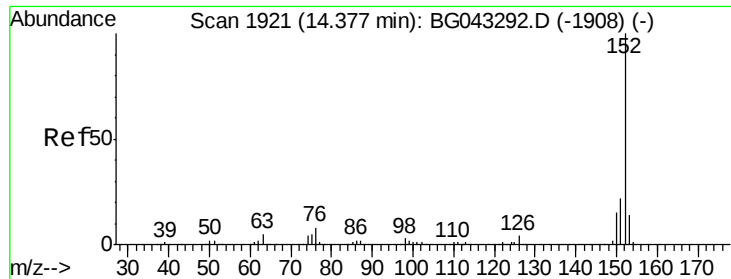
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.3	46.9
164	31.5	26.8	40.2



#48
 2-Nitroaniline
 Concen: 42.063 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	52.6	79.0
138	105.4	82.9	124.3





#49

Acenaphthylene

Concen: 40.337 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

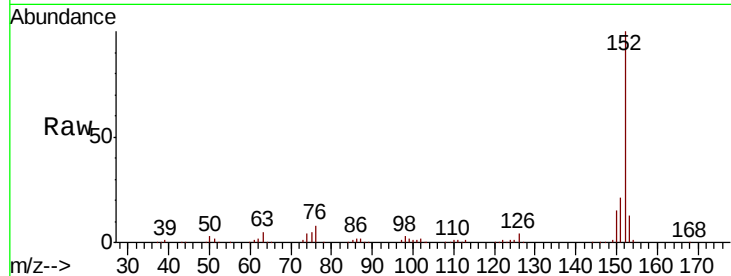
Tot Ion:152 Resp: 342658

Ion Ratio Lower Upper

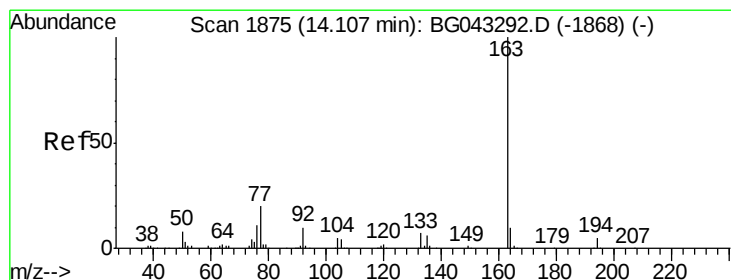
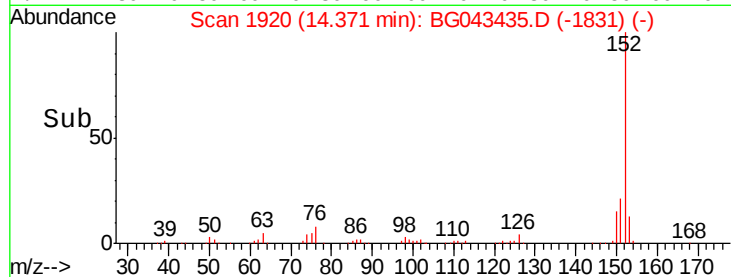
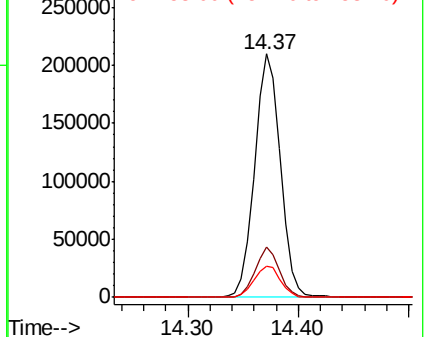
152 100

151 20.6 17.2 25.8

153 12.5 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: 39.964 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

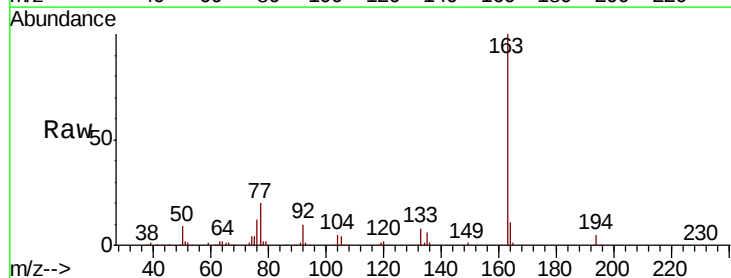
Tgt Ion:163 Resp: 291895

Ion Ratio Lower Upper

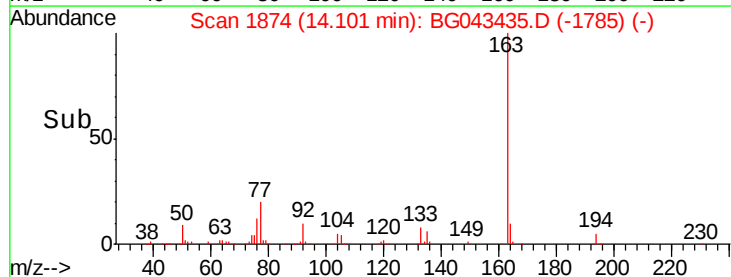
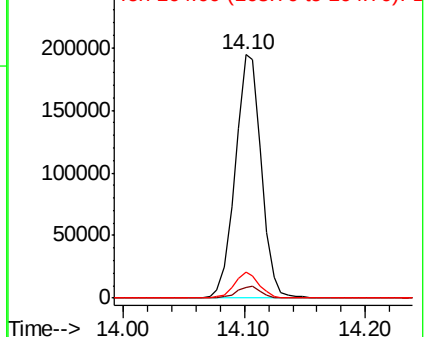
163 100

194 4.6 3.7 5.5

164 10.5 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: 39.981 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

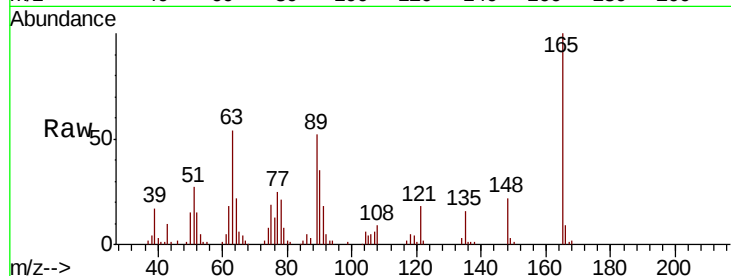
Tot Ion:165 Resp: 63441

Ion Ratio Lower Upper

165 100

63 54.3 47.1 70.7

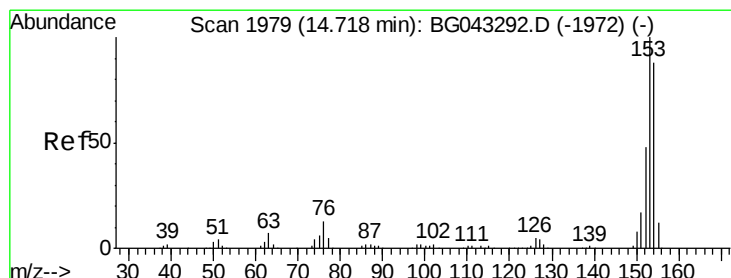
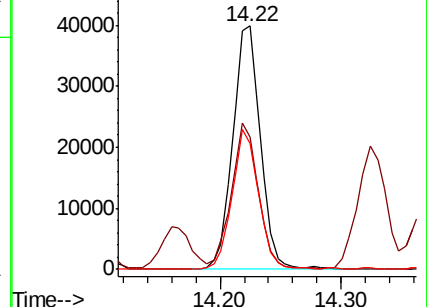
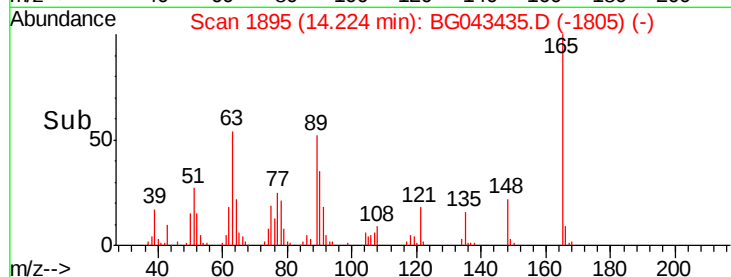
89 51.5 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.063 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

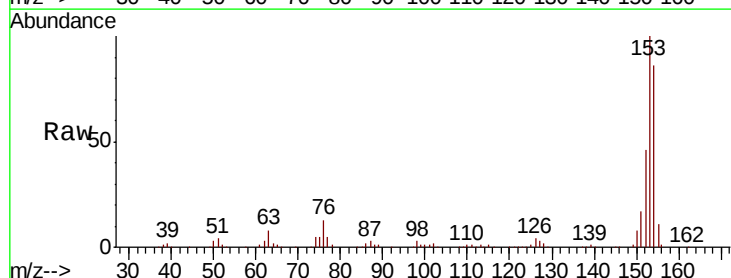
Tgt Ion:154 Resp: 207548

Ion Ratio Lower Upper

154 100

153 115.8 90.9 136.3

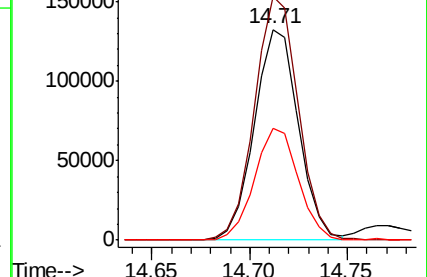
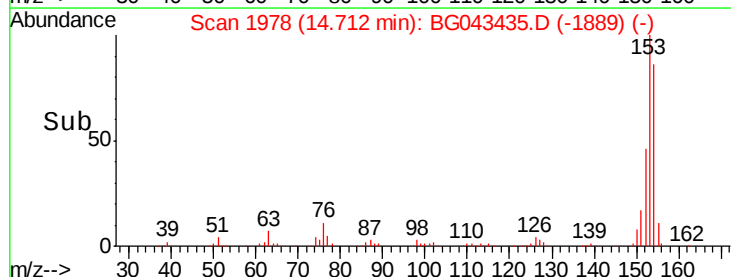
152 53.1 43.9 65.9

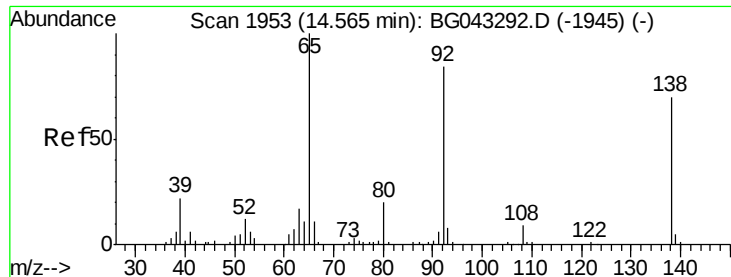


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.811 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

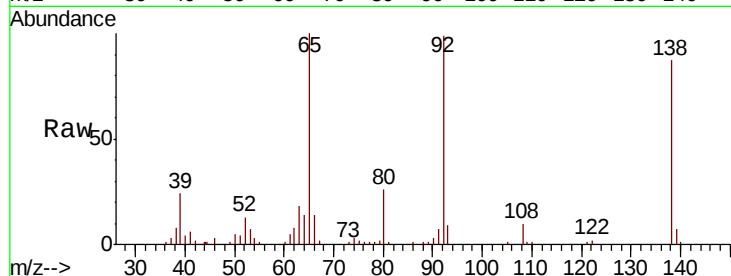
Tot Ion:138 Resp: 62523

Ion Ratio Lower Upper

138 100

108 11.8 9.8 14.6

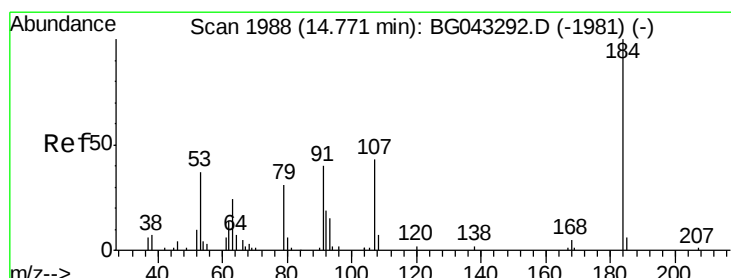
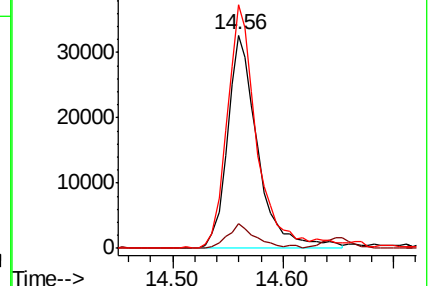
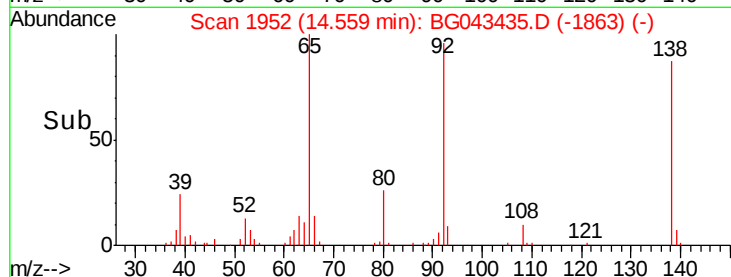
92 114.1 95.8 143.6



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: 34.230 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

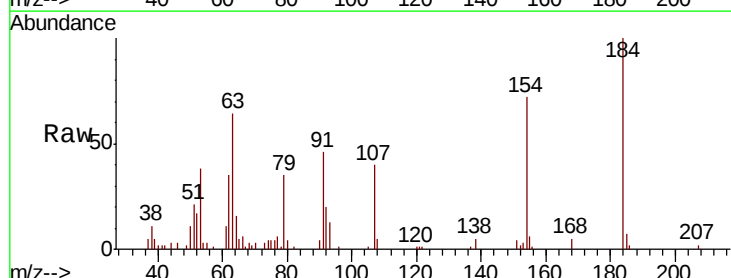
Tgt Ion:184 Resp: 29375

Ion Ratio Lower Upper

184 100

63 63.8 48.8 73.2

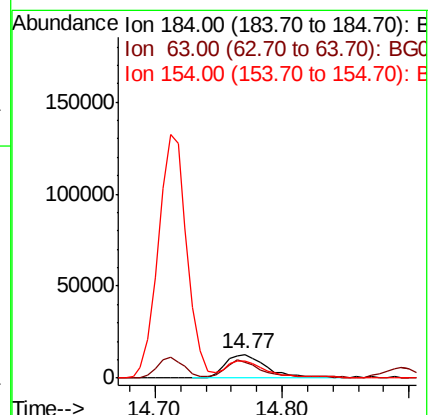
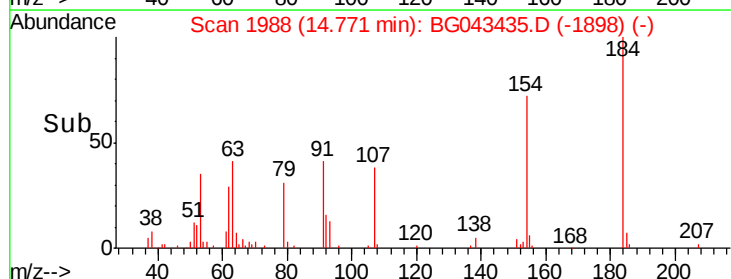
154 72.2 49.4 74.0



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

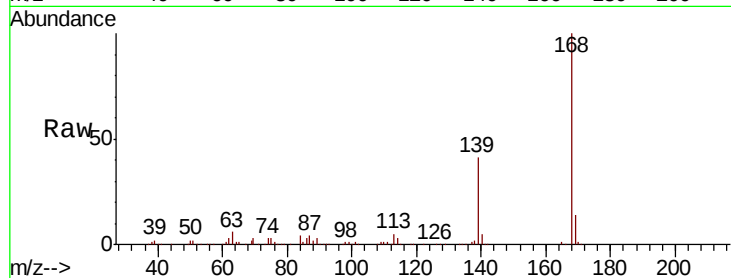




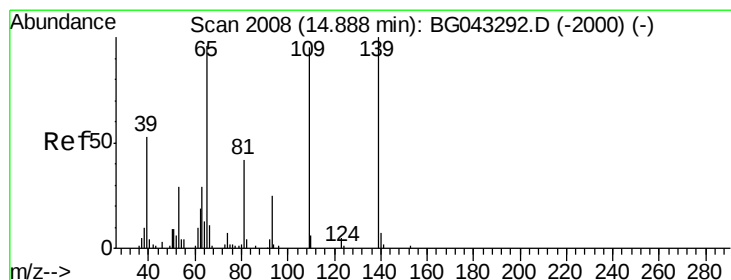
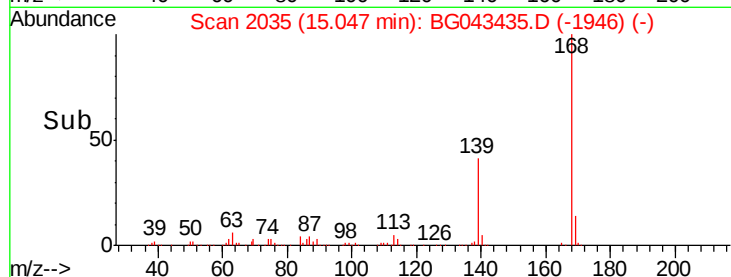
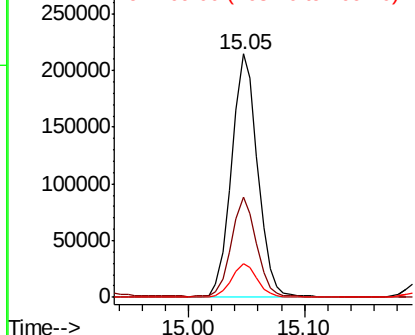
#55
Dibenzofuran
Concen: 40.098 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 336868
Ion Ratio Lower Upper
168 100
139 41.1 31.7 47.5
169 13.6 11.0 16.4

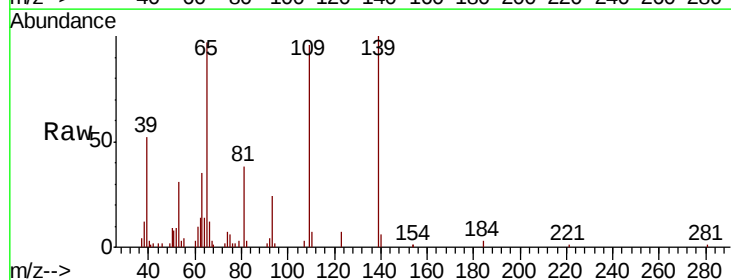


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

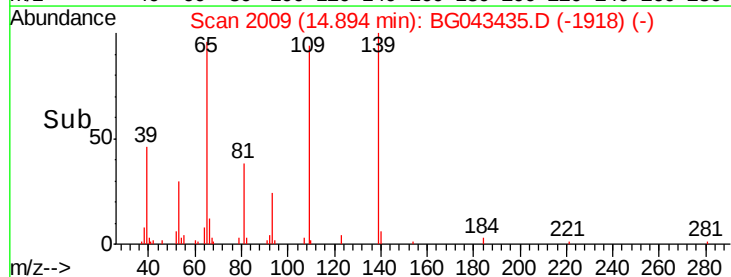
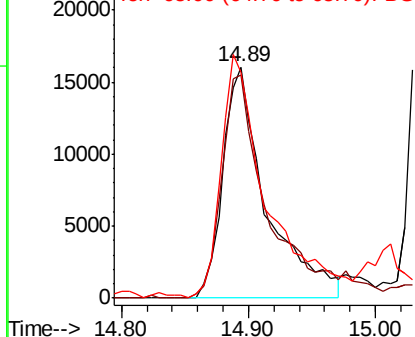


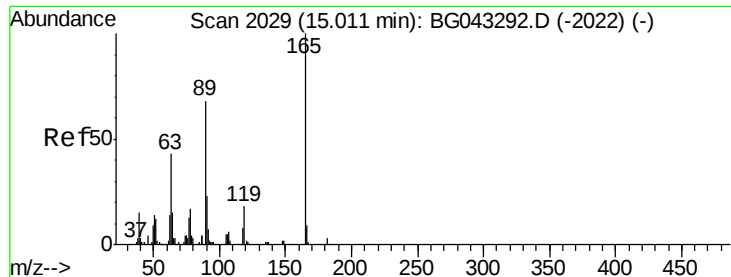
#56
4-Nitrophenol
Concen: 37.099 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion:139 Resp: 38088
Ion Ratio Lower Upper
139 100
109 96.5 75.4 115.4
65 97.4 76.6 116.6



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

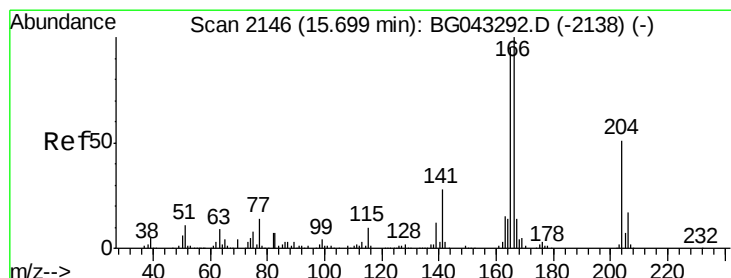
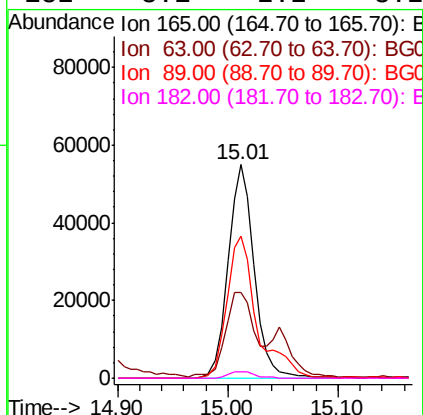
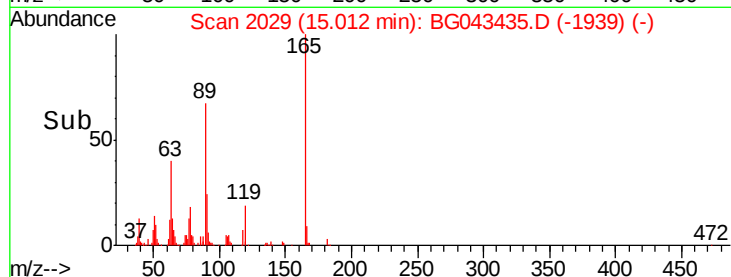
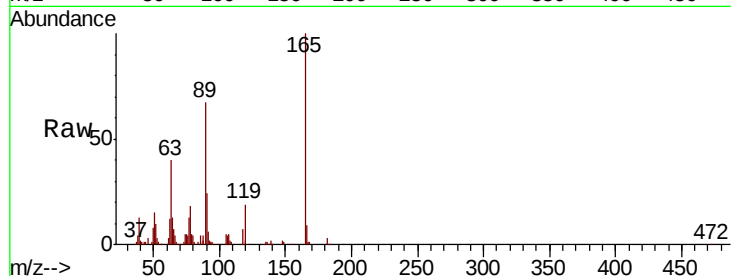




#57
2,4-Dinitrotoluene
Concen: 40.030 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

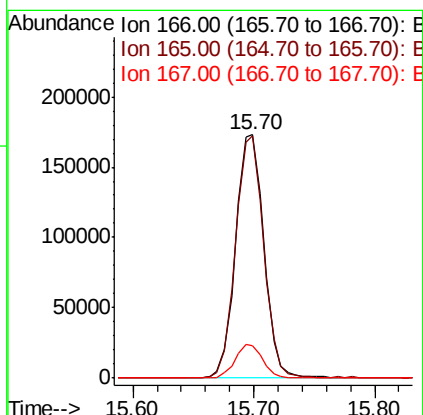
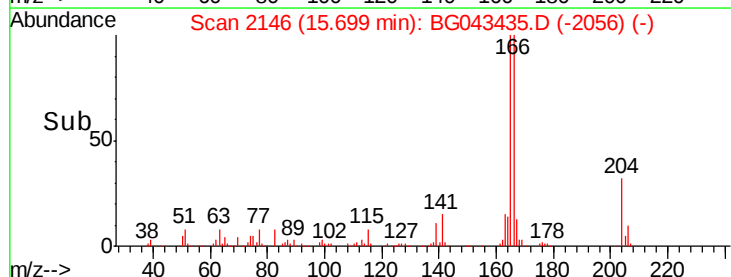
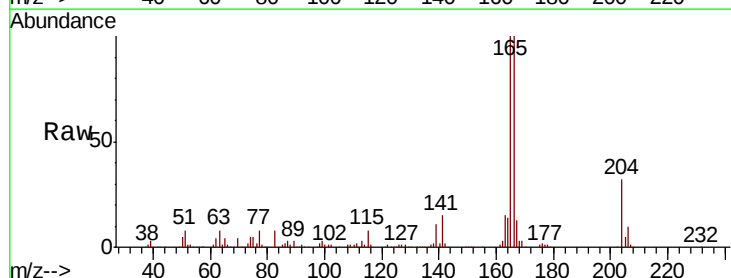
Instrument :
BNA_G
ClientSampleId :

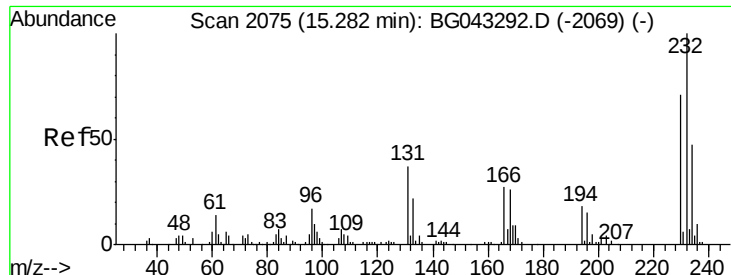
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	35.0	52.6
89	66.6	54.1	81.1
182	3.1	2.2	3.2



#58
Fluorene
Concen: 40.181 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	76.4	114.6
167	13.2	11.1	16.7

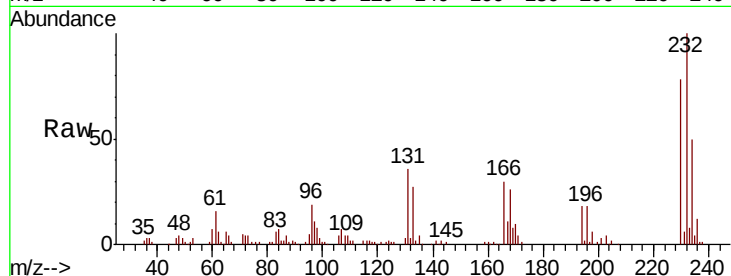




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.487 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.6	28.7	43.1
130	2.0	0.6	0.8
166	26.9	21.1	31.7



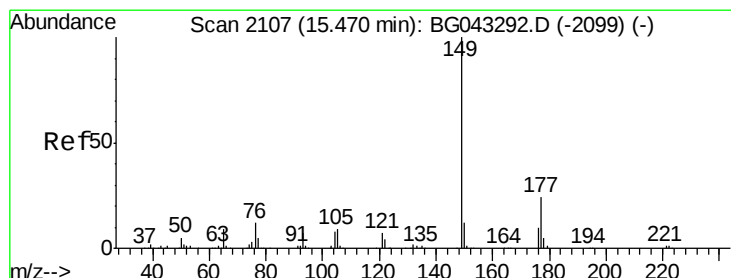
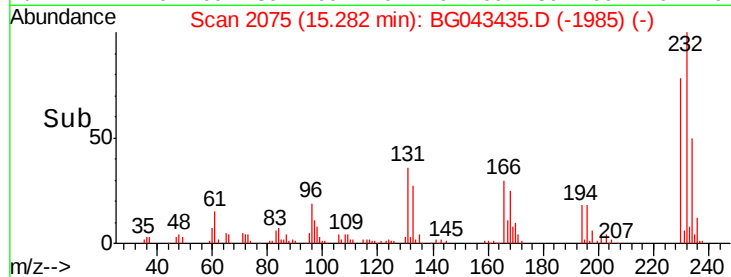
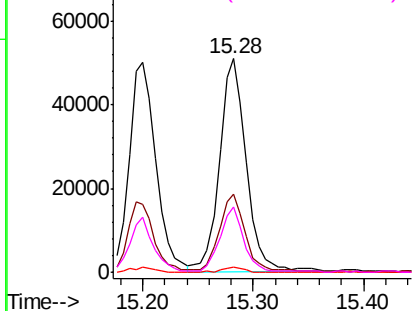
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

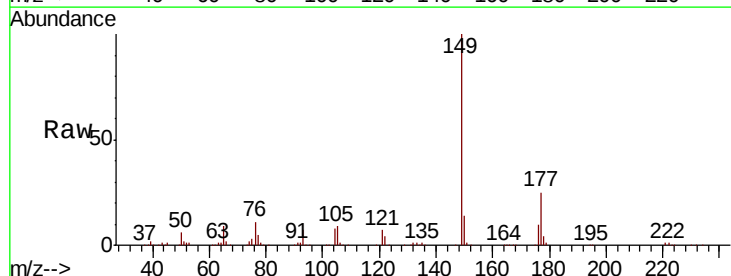
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.620 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.0	28.4
150	13.6	9.4	14.0

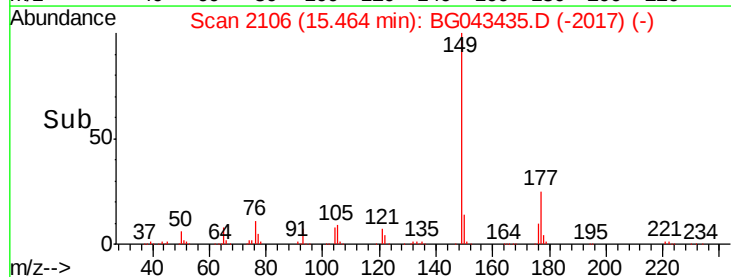
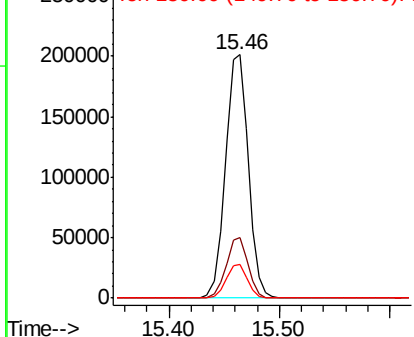


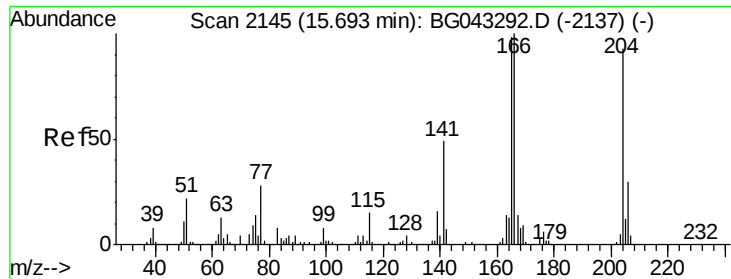
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

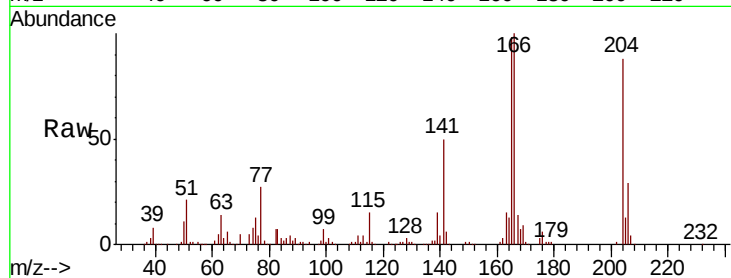




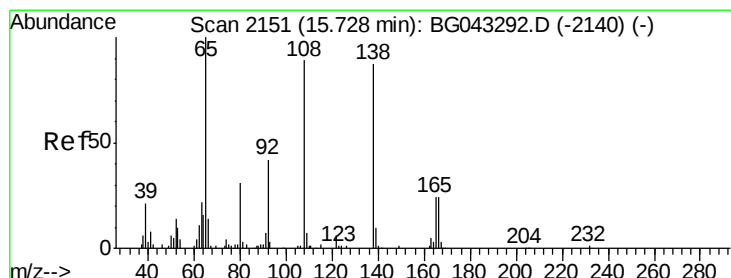
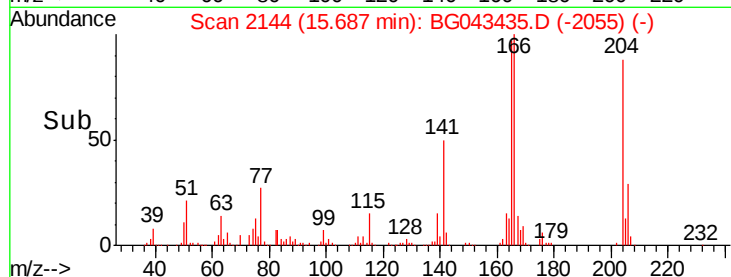
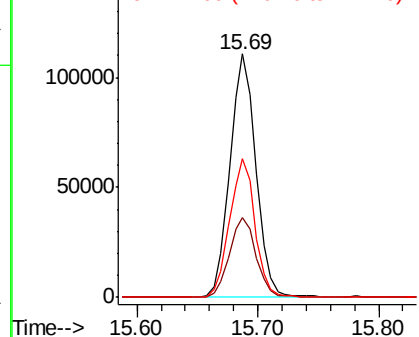
#61
4-Chlorophenyl-phenylether
Concen: 40.158 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 165068
Ion Ratio Lower Upper
204 100
206 33.0 25.7 38.5
141 57.1 42.3 63.5

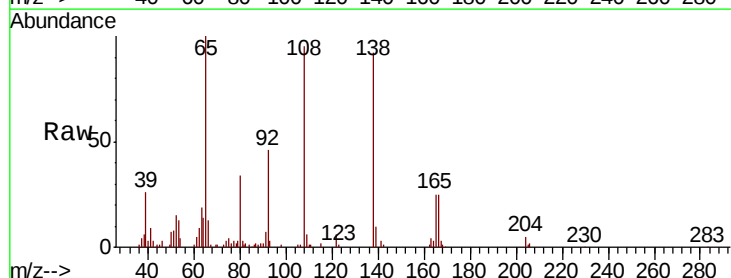


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

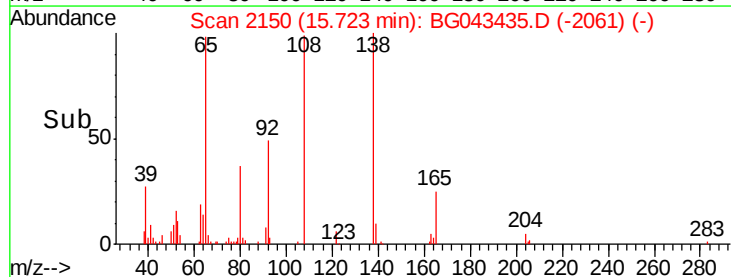
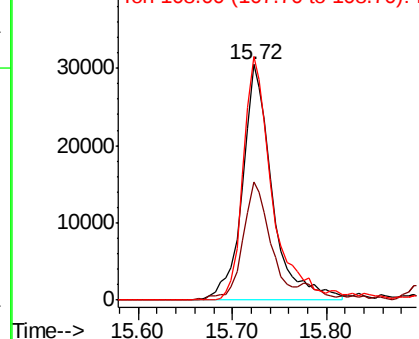


#62
4-Nitroaniline
Concen: 42.316 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion:138 Resp: 66952
Ion Ratio Lower Upper
138 100
92 50.3 28.8 68.8
108 103.3 82.7 122.7



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

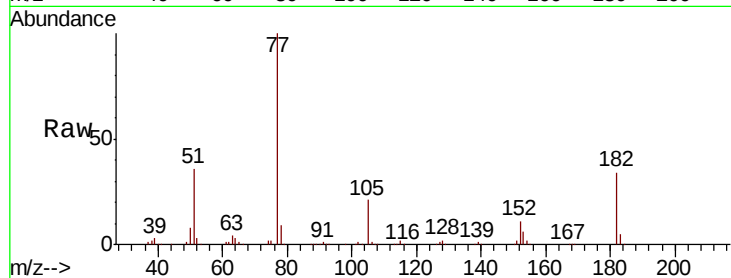




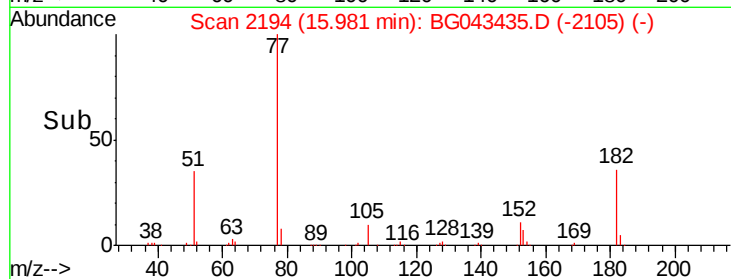
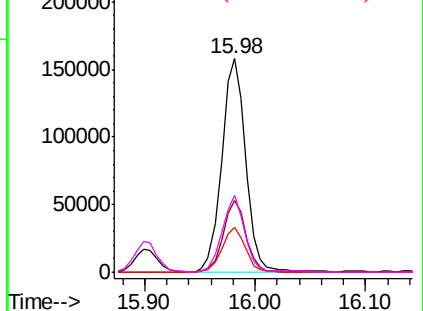
#63
Azobenzene
Concen: 40.050 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	237881
Ion	Ratio	Lower	Upper
77	100		
182	33.6	14.9	54.9
105	20.8	0.6	40.6
51	35.9	12.5	52.5

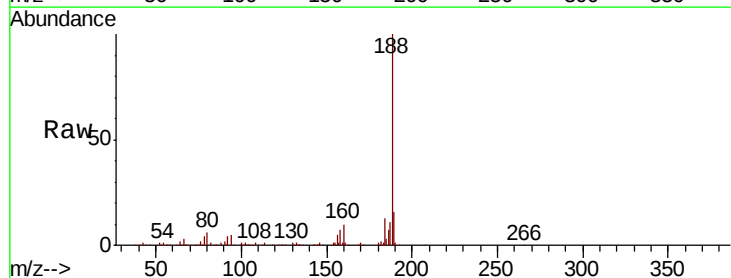


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

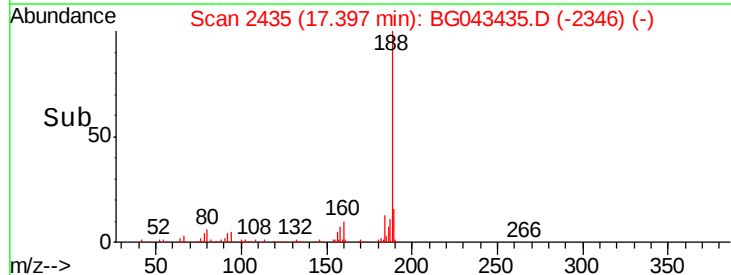
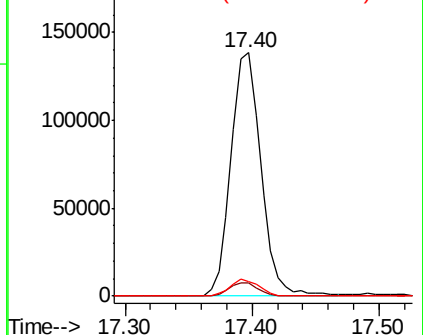


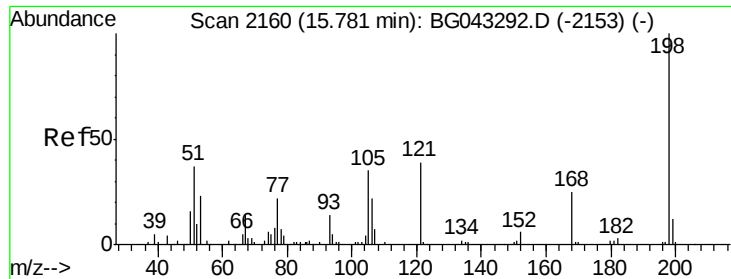
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion:	188	Resp:	227250
Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	6.1	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: 39.293 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

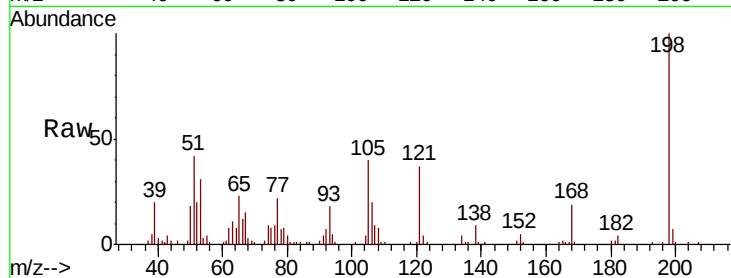
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 52549

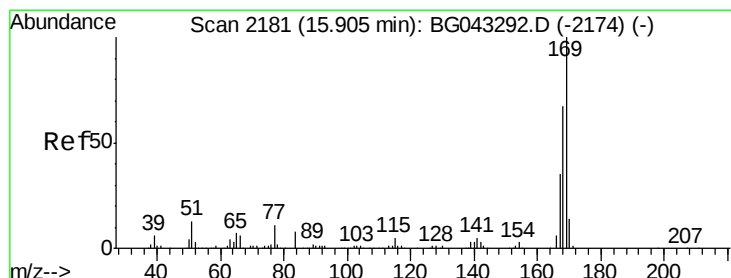
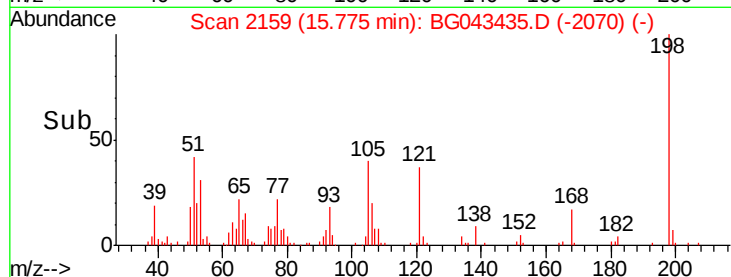
Ion	Ratio	Lower	Upper
198	100		
51	42.5	21.4	61.4
105	39.6	16.5	56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.766 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

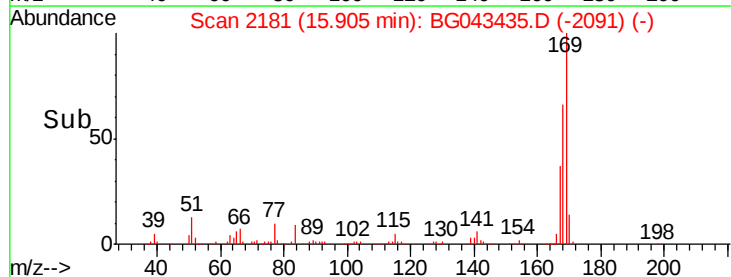
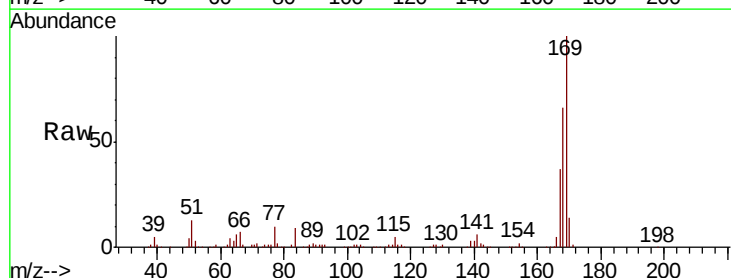
Tgt Ion:169 Resp: 248719

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.9	80.9
167	36.9	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

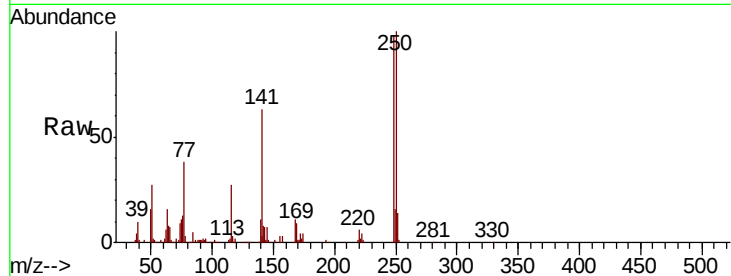




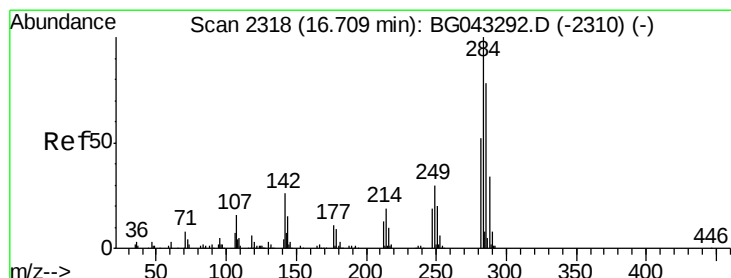
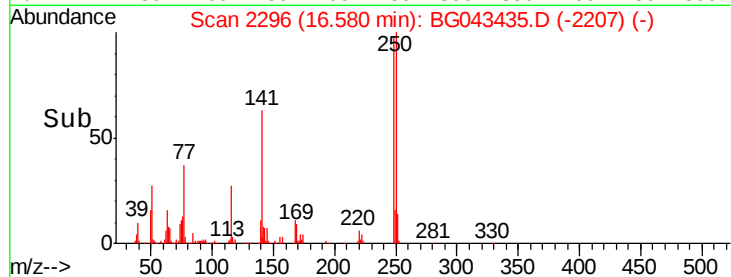
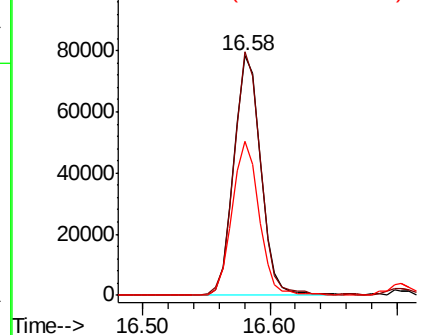
#67
4-Bromophenyl-phenylether
Concen: 37.610 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 115023
Ion Ratio Lower Upper
248 100
250 101.7 79.3 118.9
141 64.2 47.9 71.9

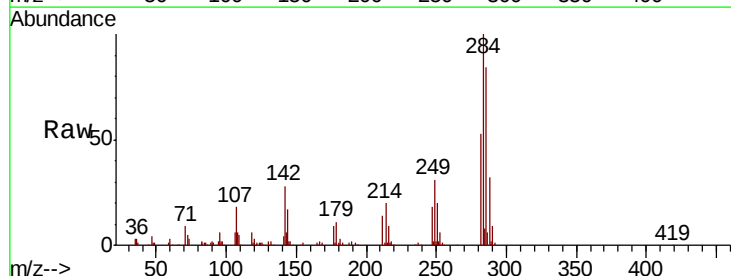


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

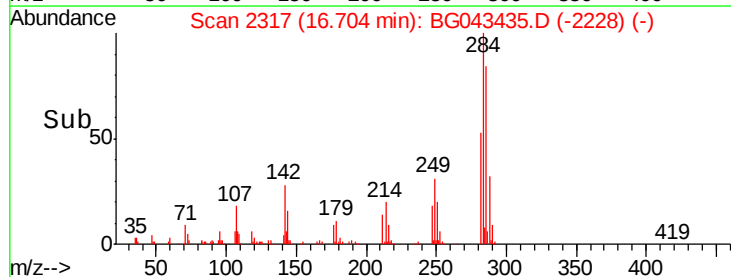
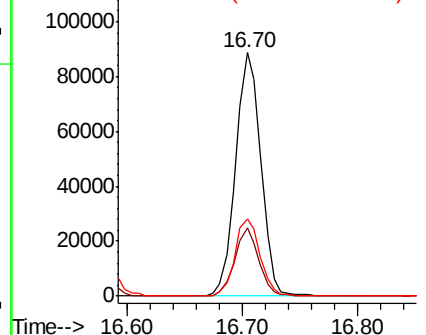


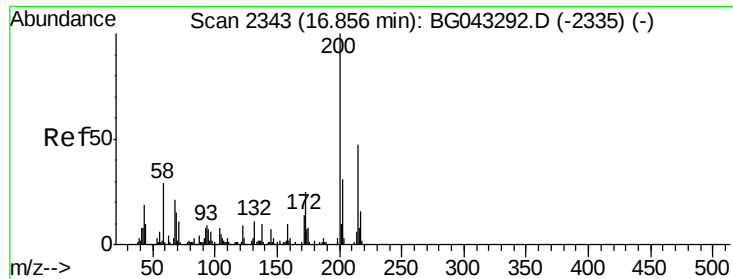
#68
Hexachlorobenzene
Concen: 38.205 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion:284 Resp: 134120
Ion Ratio Lower Upper
284 100
142 27.8 21.1 31.7
249 31.5 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

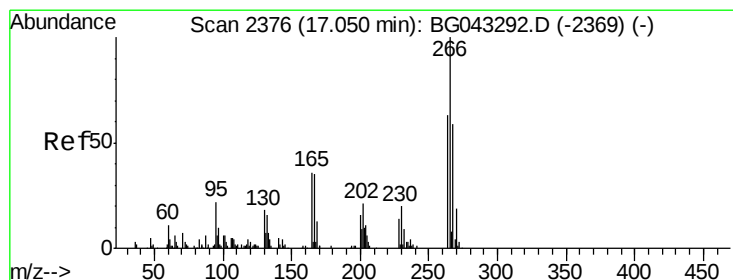
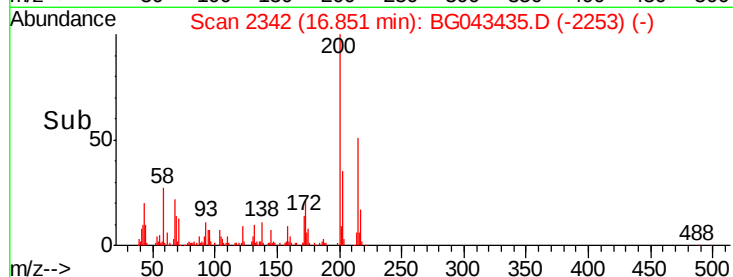
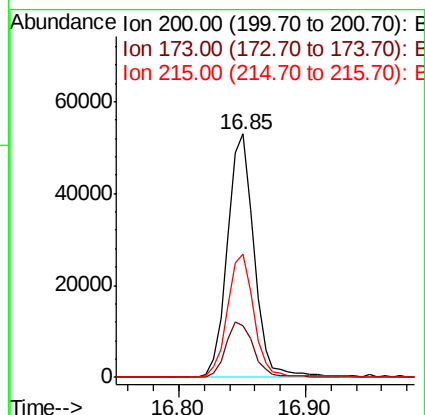
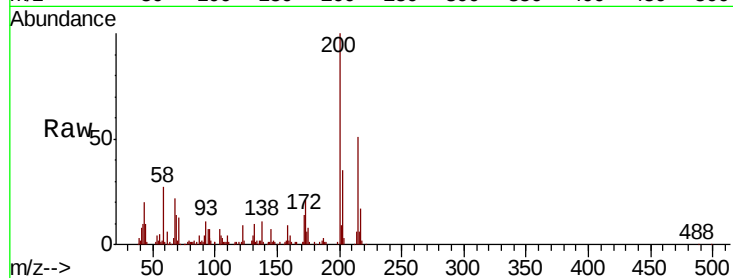




#69
Atrazine
Concen: 34.447 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

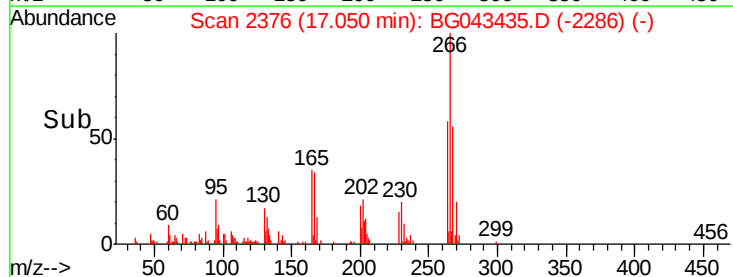
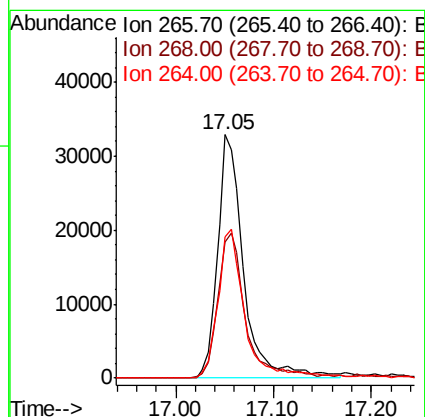
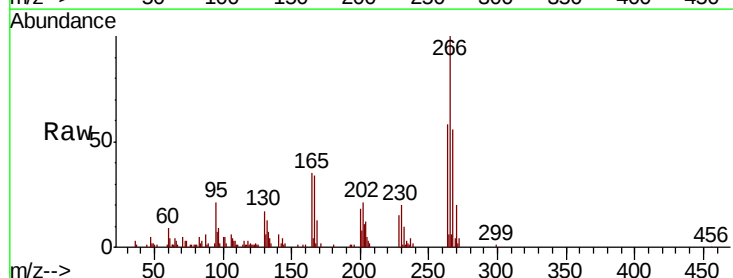
Instrument :
BNA_G
ClientSampleId :

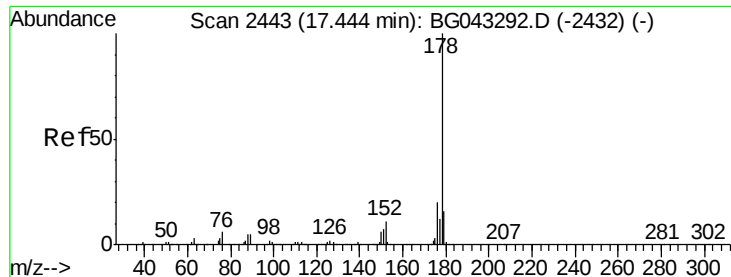
Tot Ion	Ratio	Lower	Upper
200	100		
173	21.4	5.1	45.1
215	50.8	26.6	66.6



#70
Pentachlorophenol
Concen: 38.029 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	55.8	47.1	70.7
264	58.1	50.4	75.6

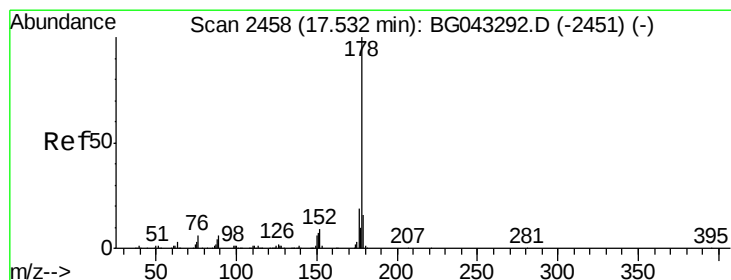
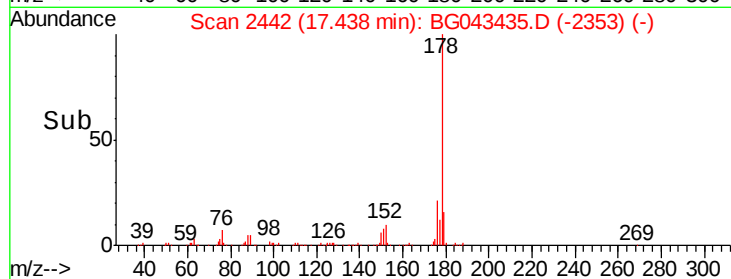
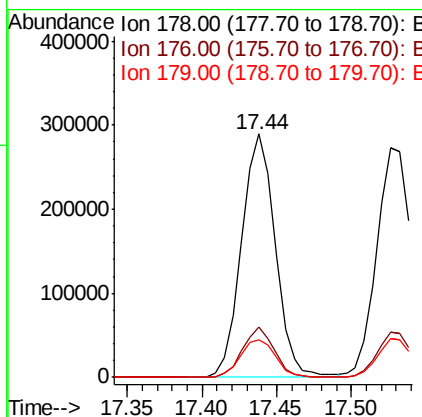
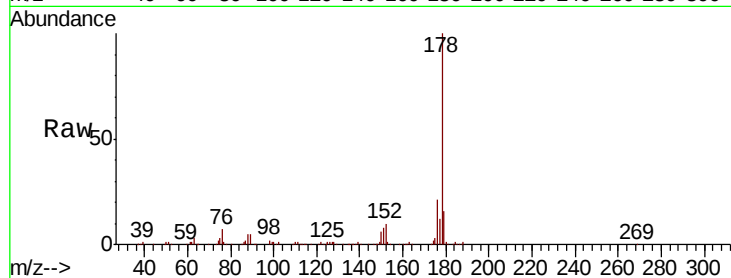




#71
Phenanthrene
Concen: 38.979 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

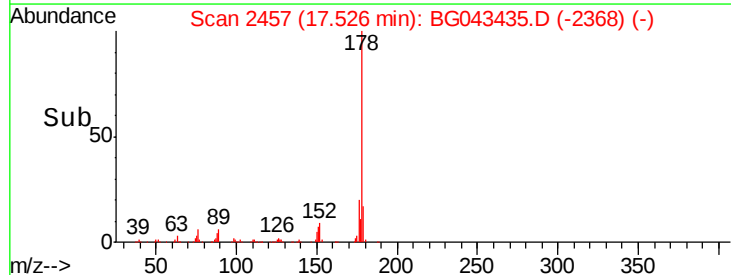
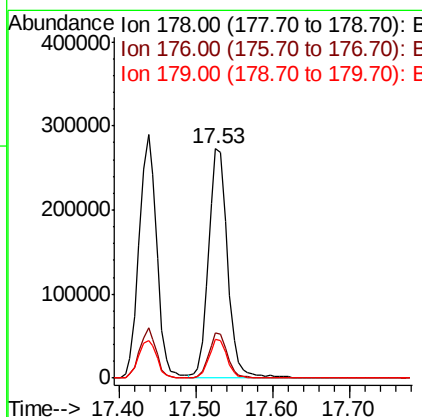
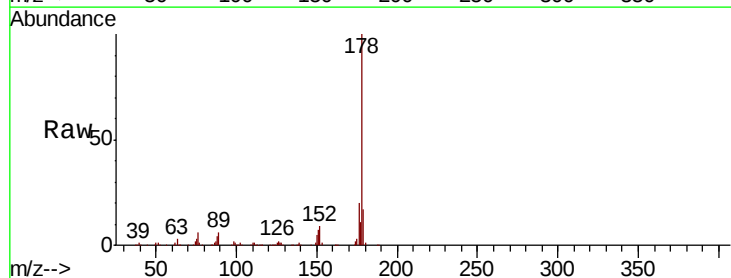
Instrument :
BNA_G
ClientSampleId :

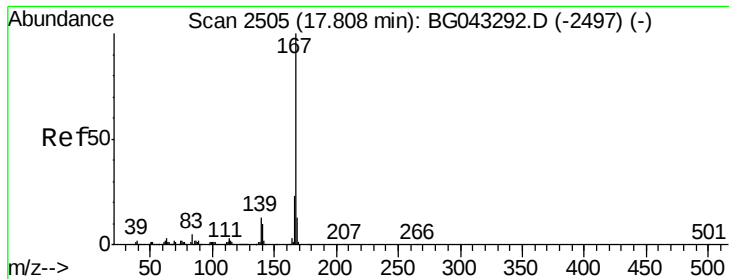
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	15.5	13.1	19.7



#72
Anthracene
Concen: 39.535 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.8	13.0	19.6

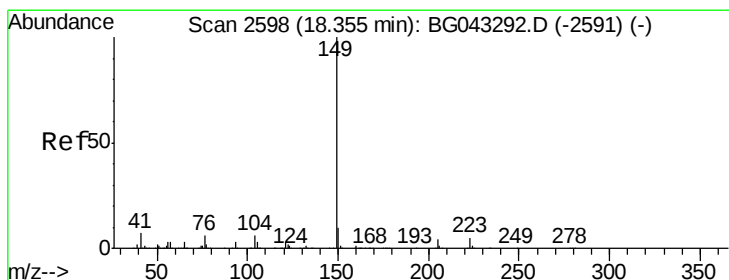
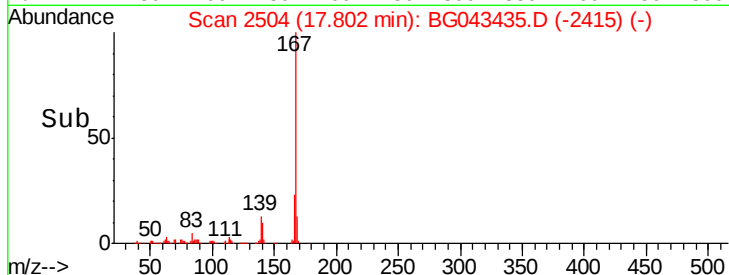
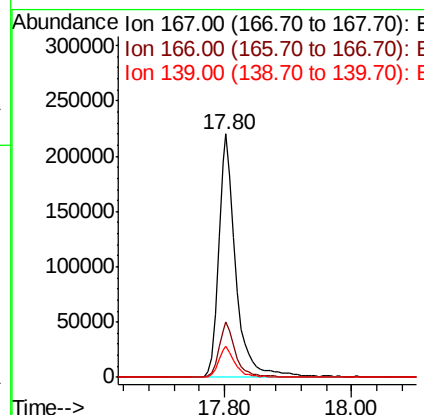
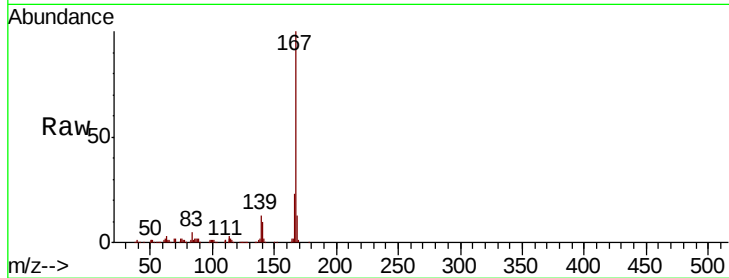




#73
 Carbazole
 Concen: 39.960 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

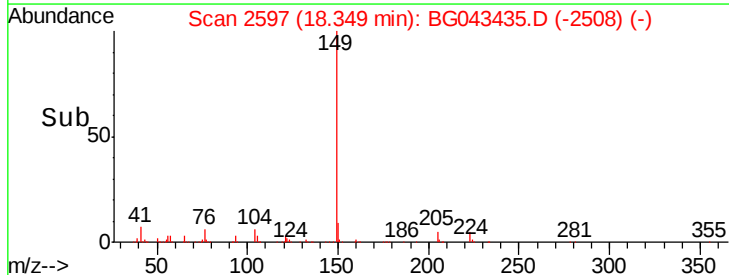
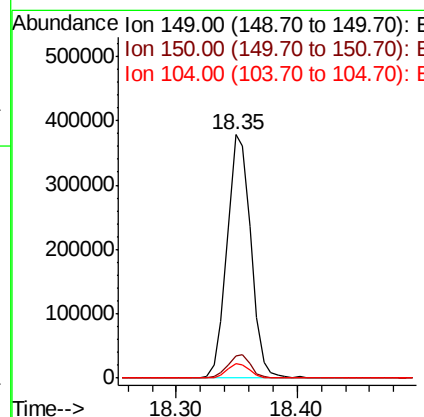
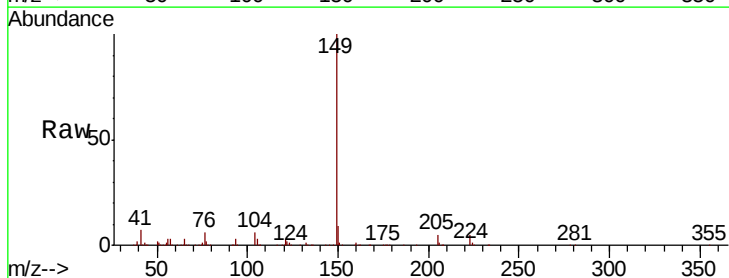
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	12.7	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 40.351 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG043435.D
 Acq: 31 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.0	12.0
104	6.1	4.7	7.1





#75

Fluoranthene

Concen: 40.517 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampled :

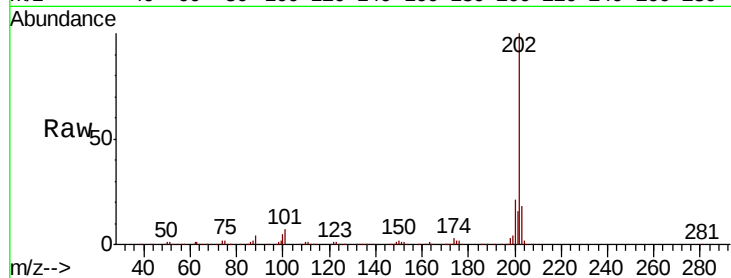
Tot Ion:202 Resp: 614679

Ion Ratio Lower Upper

202 100

101 7.2 0.0 26.0

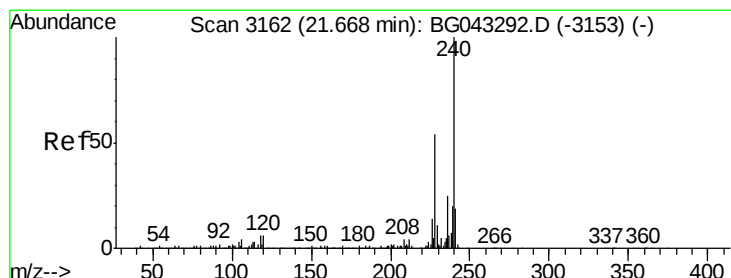
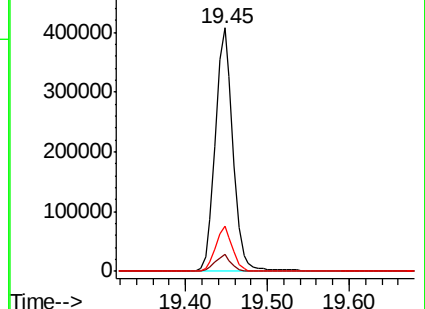
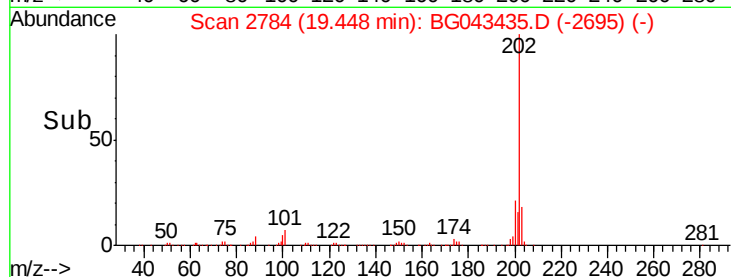
203 18.4 0.0 38.2



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: BG043435.D

Acq: 31 Oct 2019 15:49

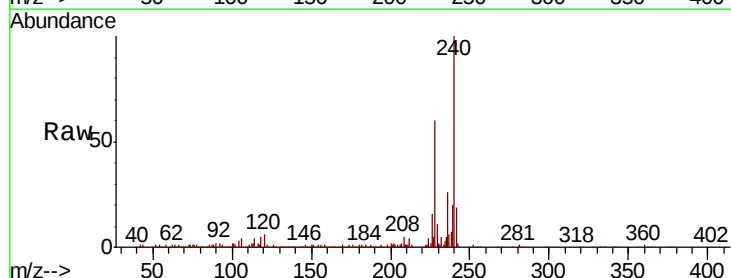
Tgt Ion:240 Resp: 264538

Ion Ratio Lower Upper

240 100

120 6.2 4.6 7.0

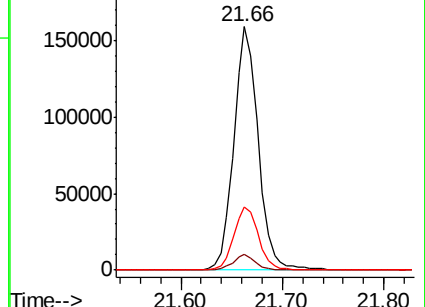
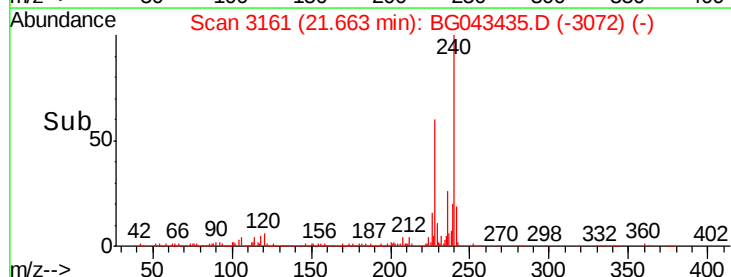
236 25.7 20.2 30.4



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: 42.923 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

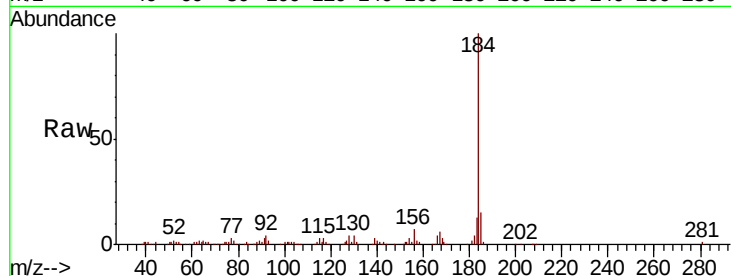
Tot Ion:184 Resp: 228518

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

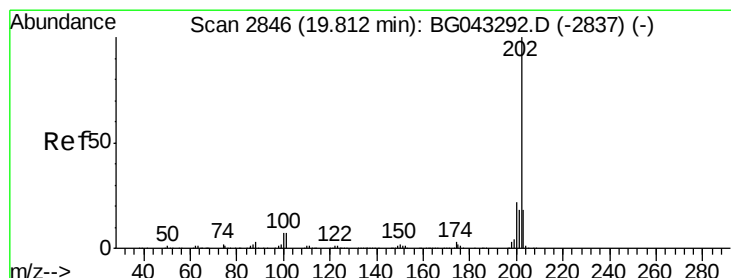
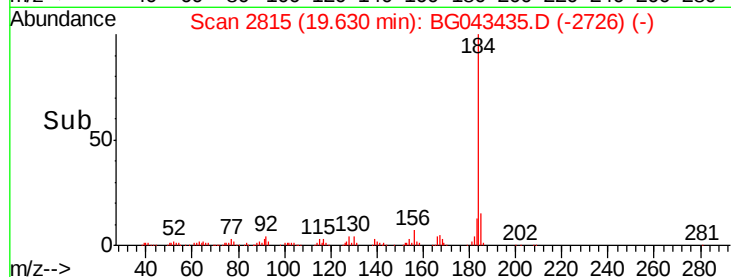
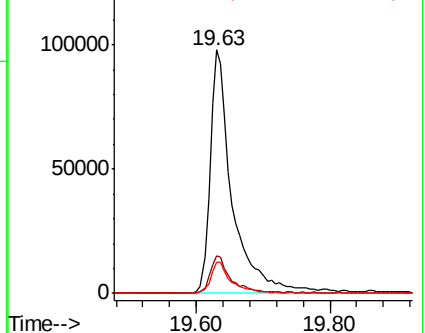
183 12.9 10.6 16.0



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: 38.548 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

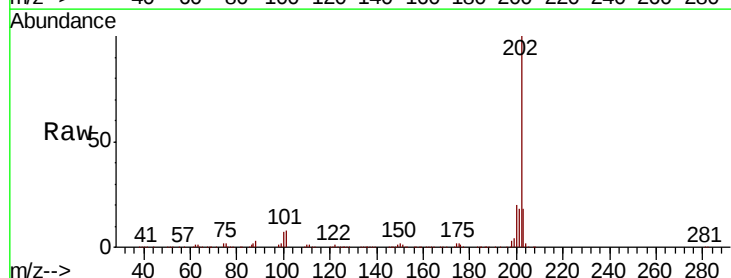
Tgt Ion:202 Resp: 631213

Ion Ratio Lower Upper

202 100

200 20.0 17.3 25.9

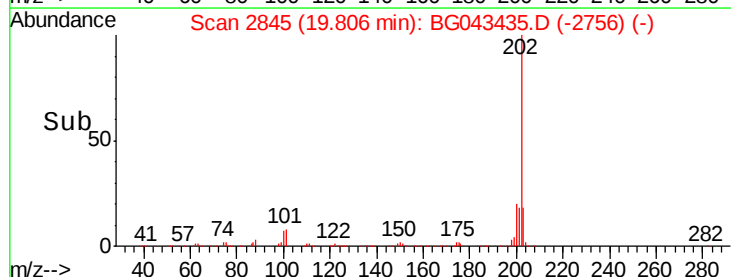
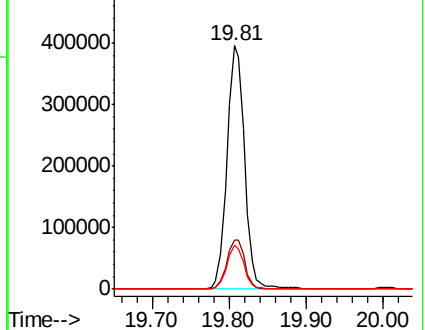
203 18.2 14.5 21.7

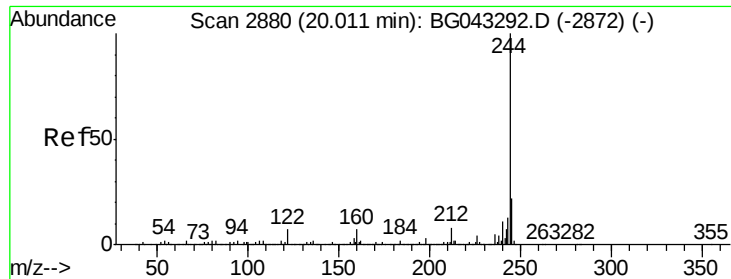


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.204 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampled :

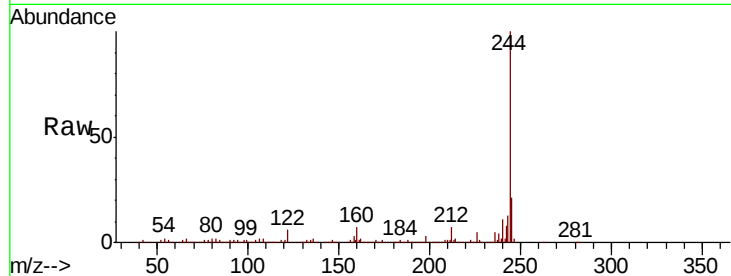
Tot Ion:244 Resp: 1130939

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

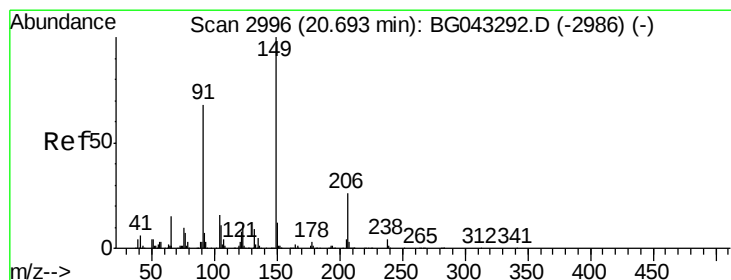
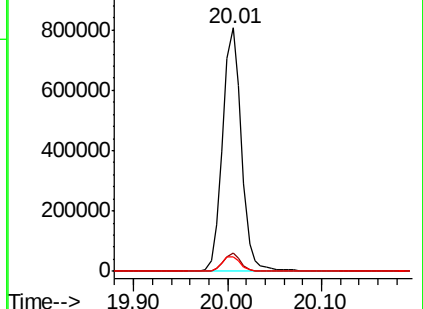
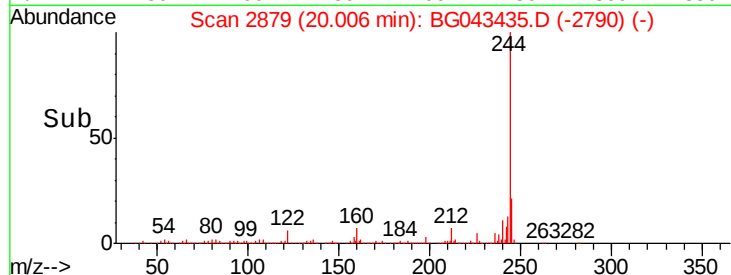
122 6.0 5.3 7.9



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: 39.860 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

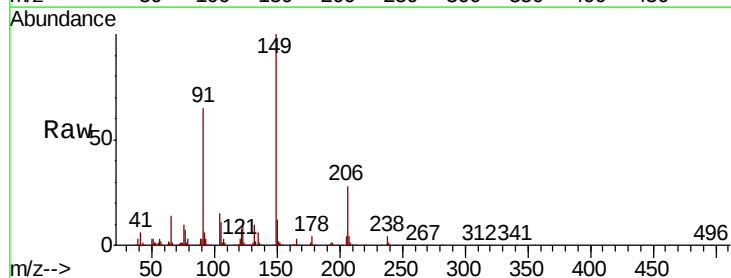
Tgt Ion:149 Resp: 247280

Ion Ratio Lower Upper

149 100

91 65.3 54.6 82.0

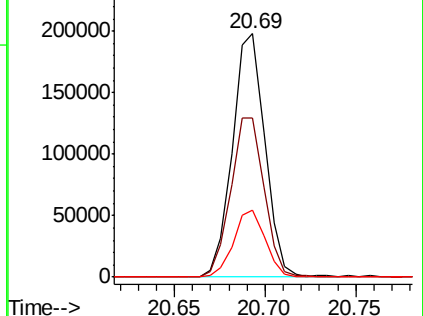
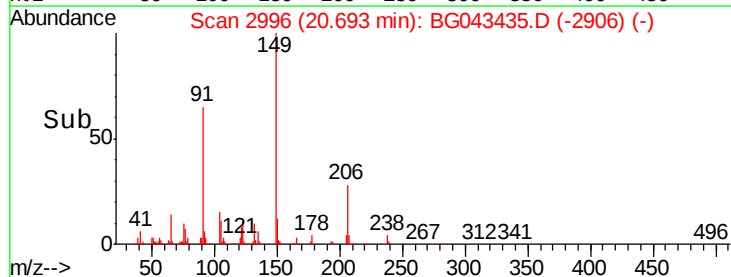
206 27.7 20.5 30.7

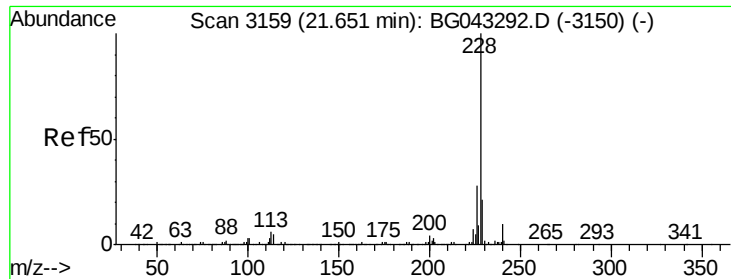


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

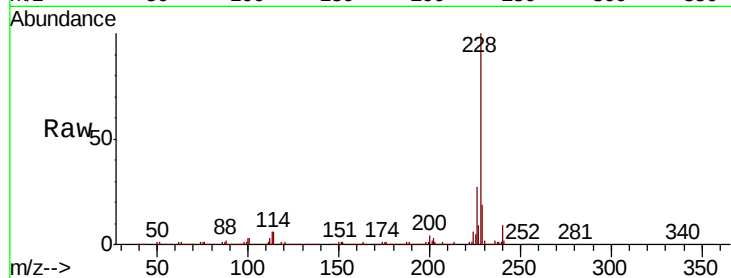




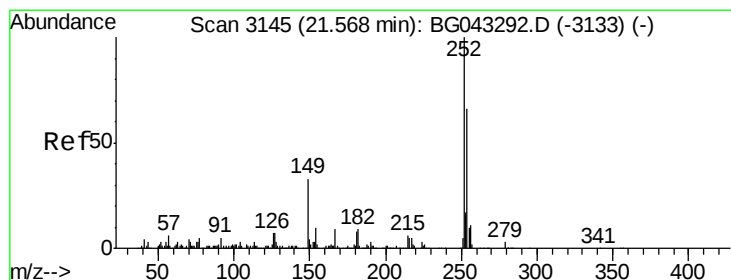
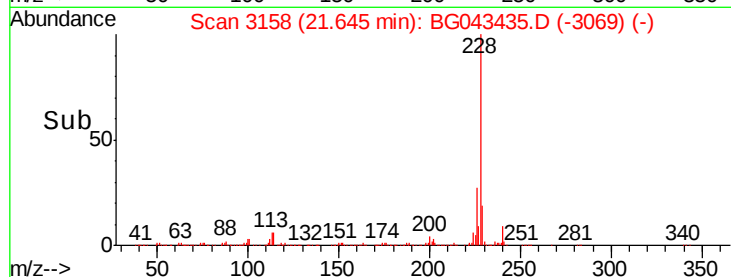
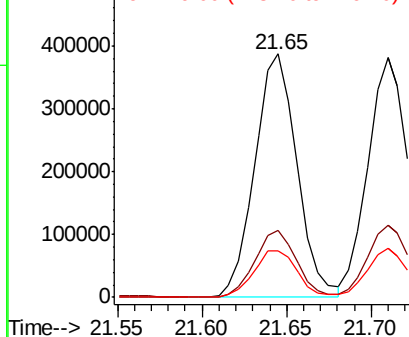
#81
Benzo(a)anthracene
Concen: 40.572 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 672304
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.2 16.9 25.3

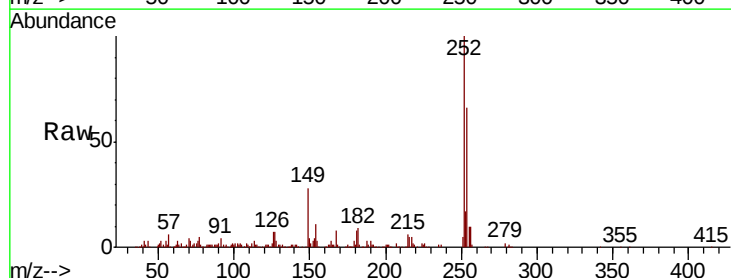


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

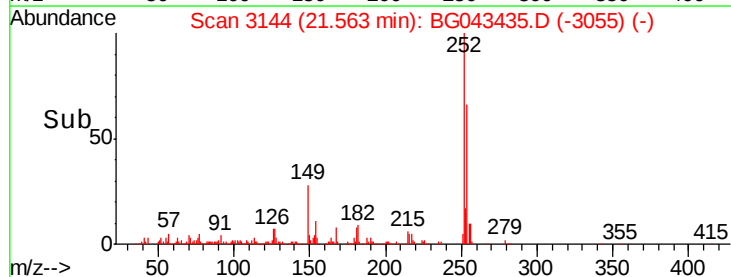
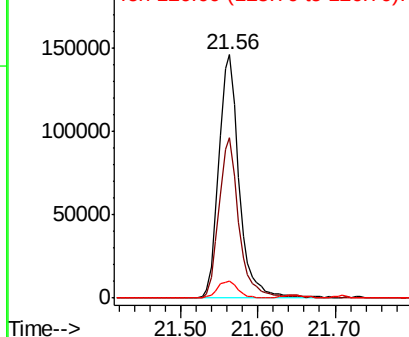


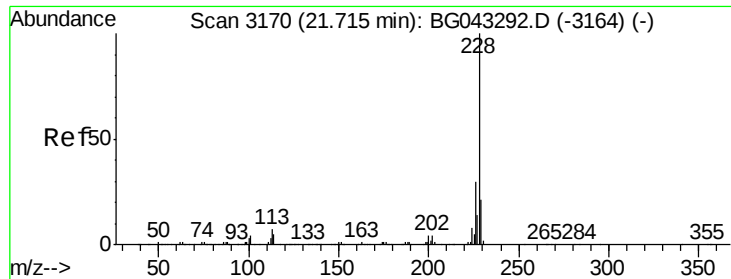
#82
3,3'-Dichlorobenzidine
Concen: 41.819 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043435.D
Acq: 31 Oct 2019 15:49

Tgt Ion:252 Resp: 268023
Ion Ratio Lower Upper
252 100
254 65.8 52.7 79.1
126 7.2 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: 39.641 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

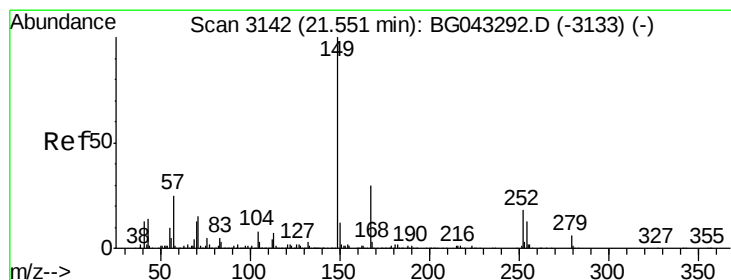
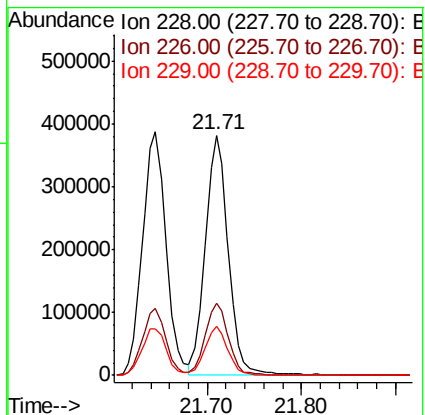
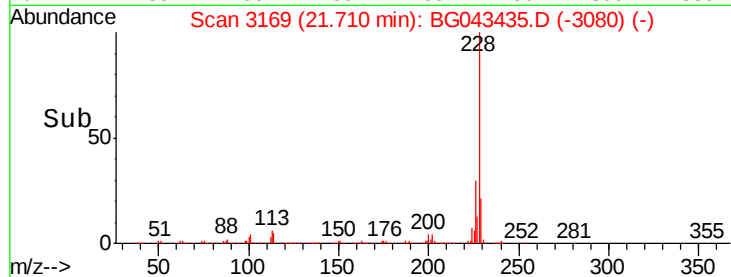
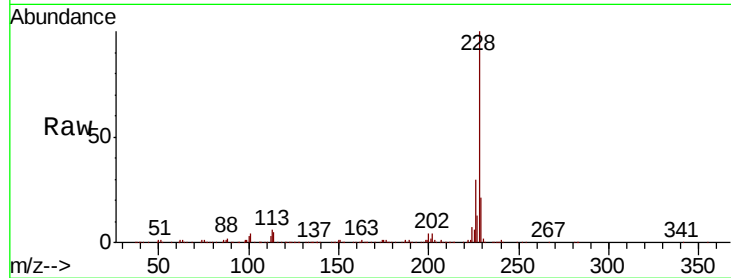
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 652655

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	20.5	16.3	24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.699 ng

RT: 21.55 min Scan# 3141

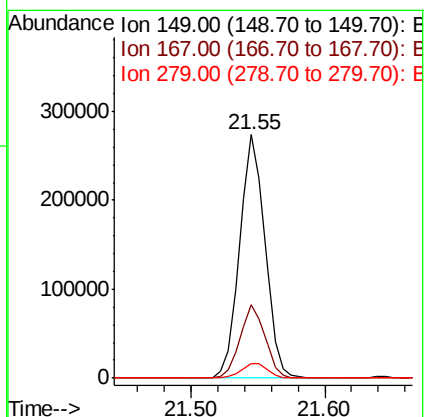
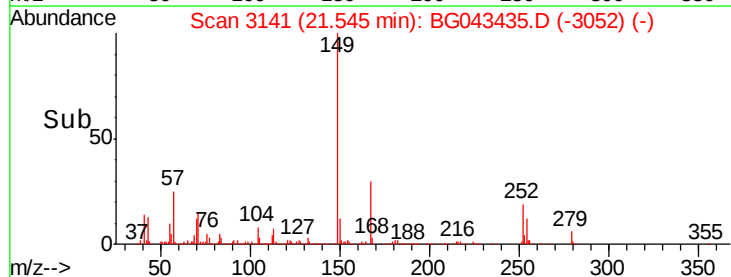
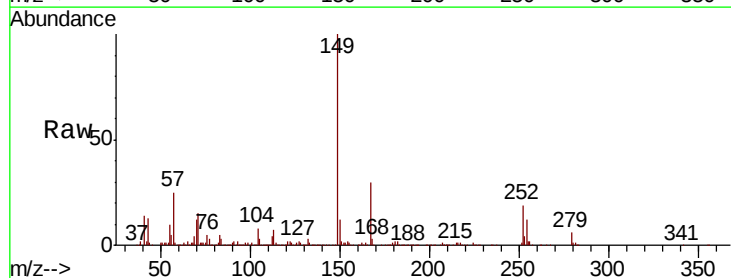
Delta R.T. -0.01 min

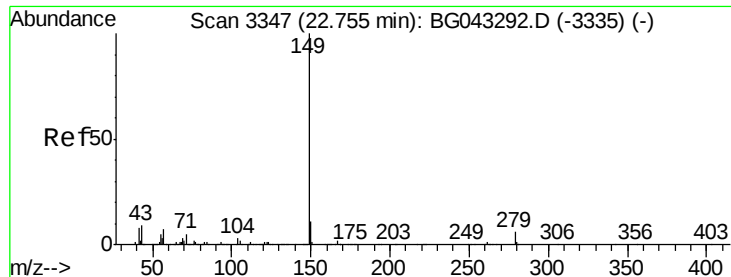
Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Tgt Ion:149 Resp: 358659

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.9	35.9
279	6.2	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 40.879 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampled :

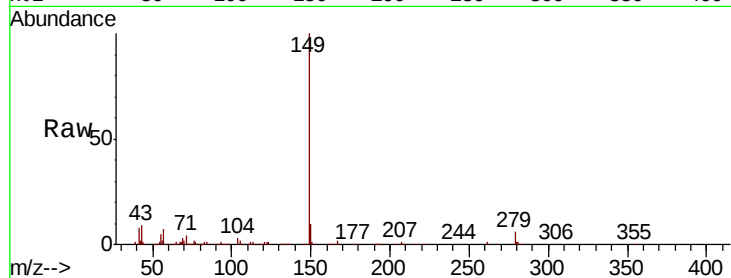
Tot Ion:149 Resp: 611180

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

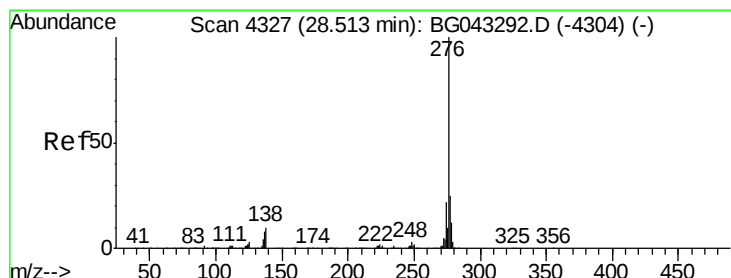
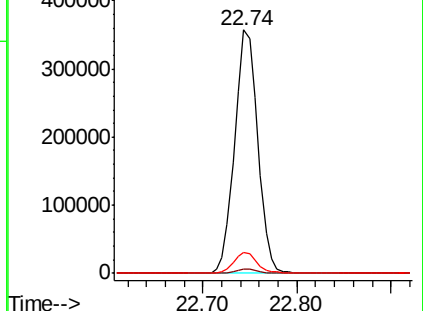
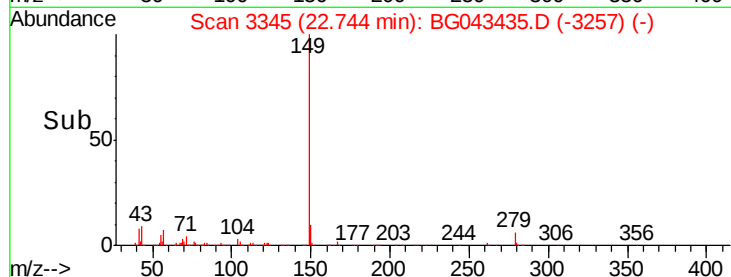
43 8.9 6.9 10.3



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: 41.233 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

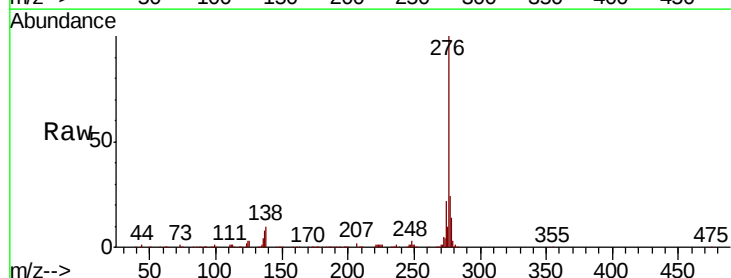
Tgt Ion:276 Resp: 852146

Ion Ratio Lower Upper

276 100

138 5.6 7.2 10.8#

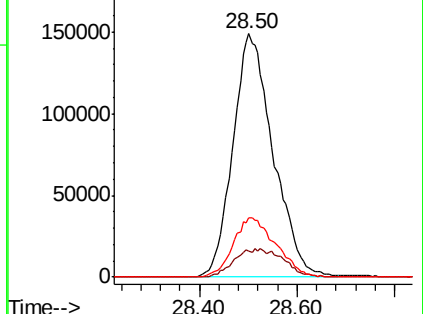
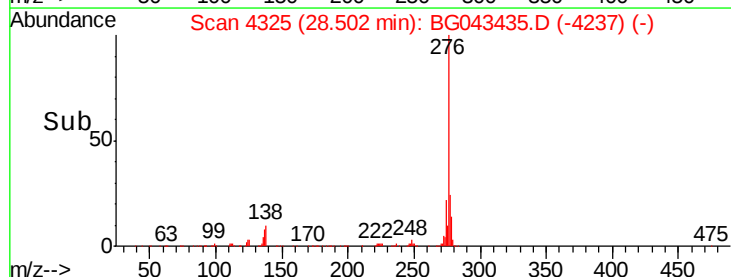
277 25.8 20.9 31.3



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# 3706

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampled :

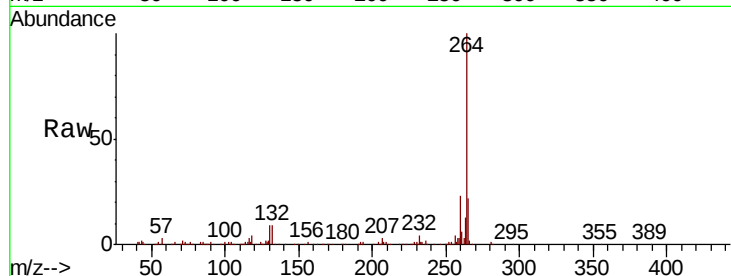
Tot Ion:264 Resp: 312754

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

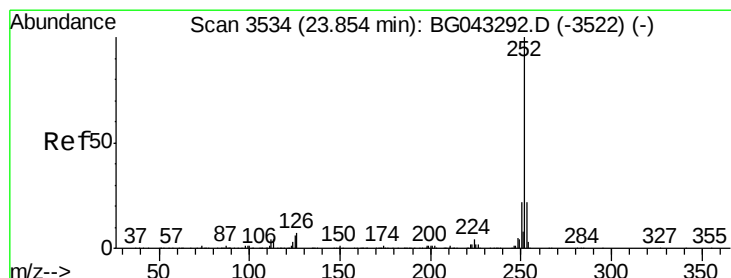
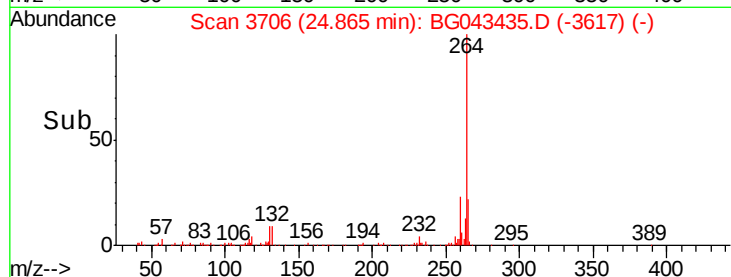
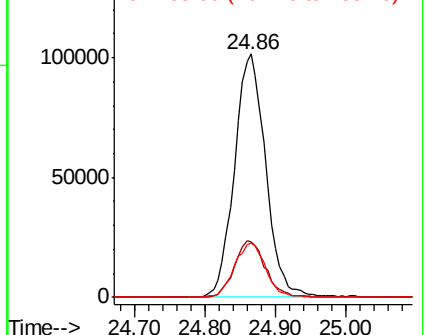
265 22.5 17.4 26.2



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: 39.496 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

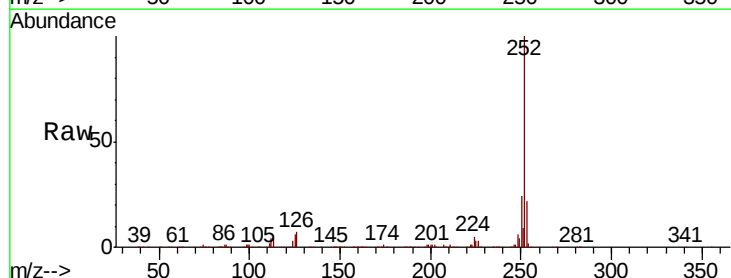
Tgt Ion:252 Resp: 699609

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

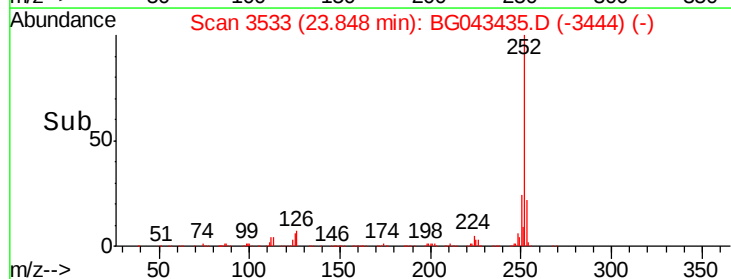
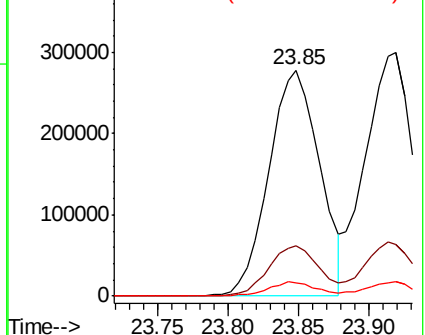
125 5.7 5.0 7.6

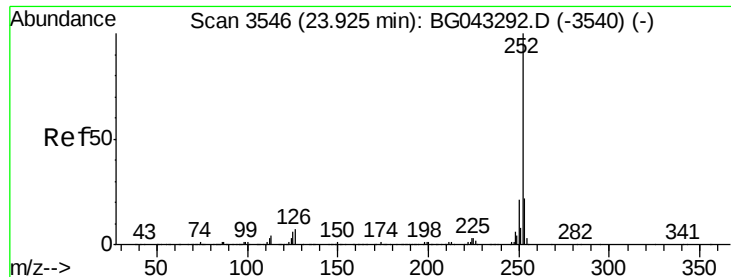


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.300 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

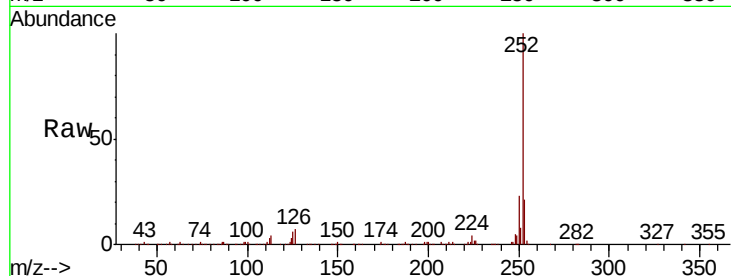
Tot Ion:252 Resp: 736476

Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

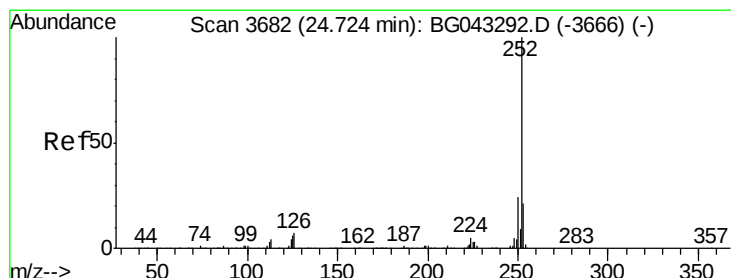
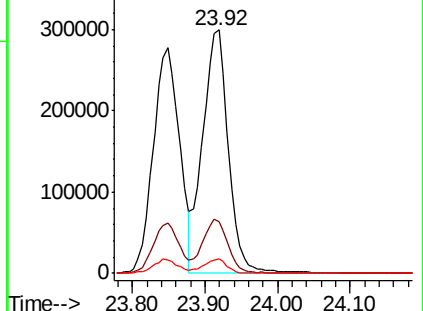
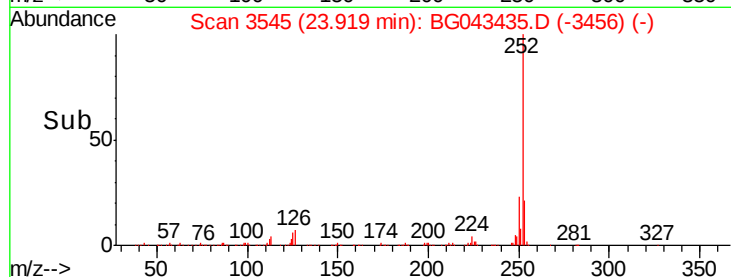
125 5.8 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.370 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

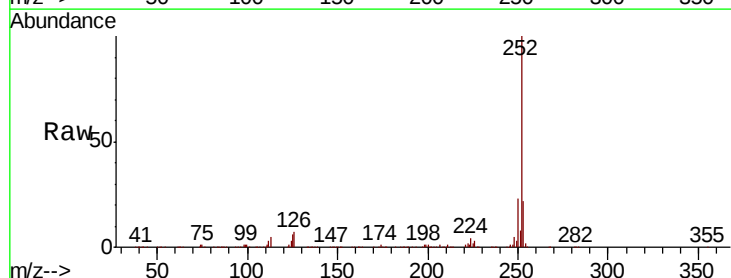
Tgt Ion:252 Resp: 682862

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

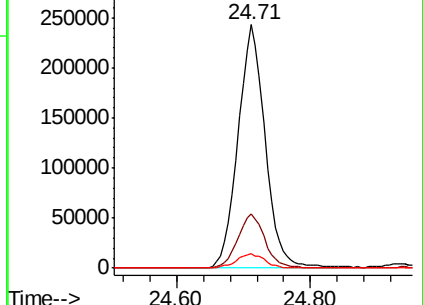
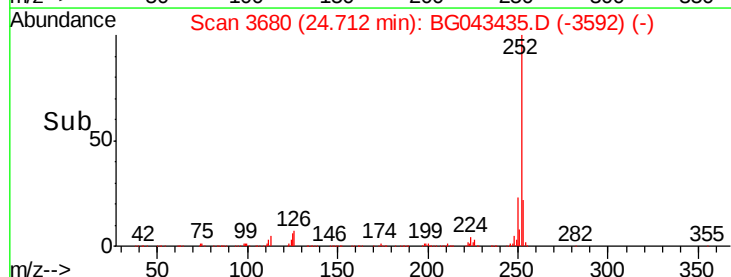
125 5.9 5.0 7.6

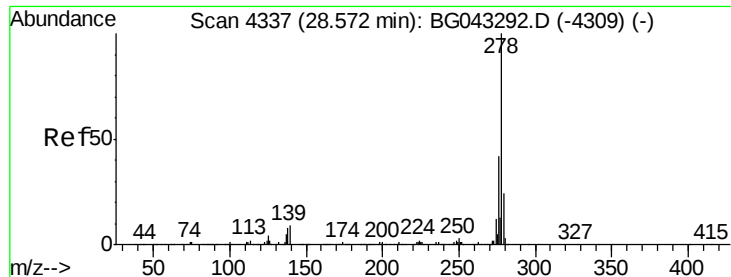


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.359 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.02 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

Instrument :

BNA_G

ClientSampleId :

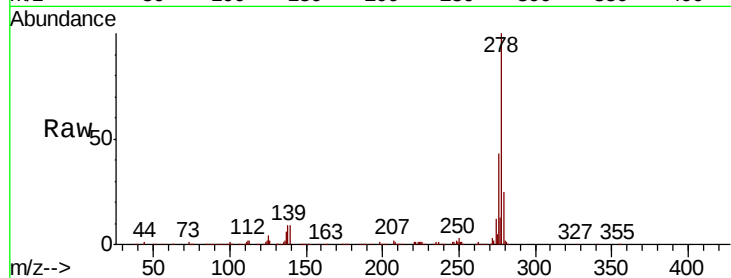
Tot Ion:278 Resp: 715582

Ion Ratio Lower Upper

278 100

139 8.9 6.8 10.2

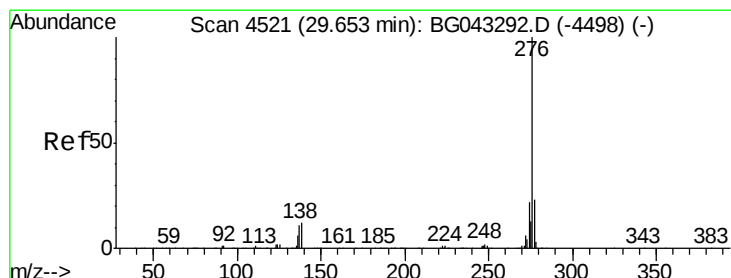
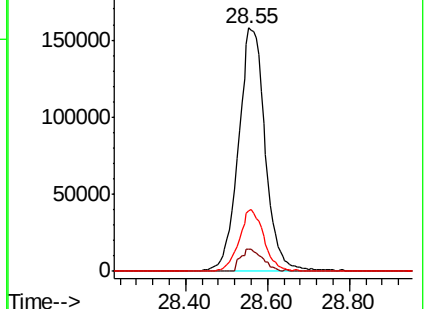
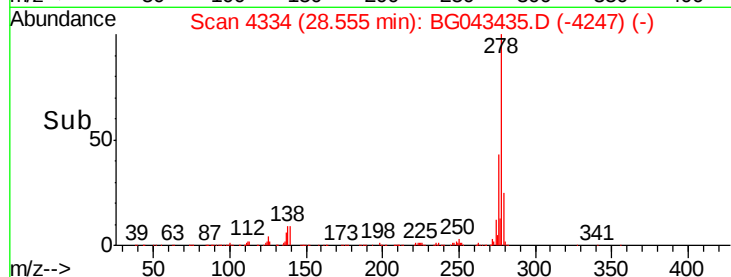
279 24.9 19.0 28.6



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: 40.210 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043435.D

Acq: 31 Oct 2019 15:49

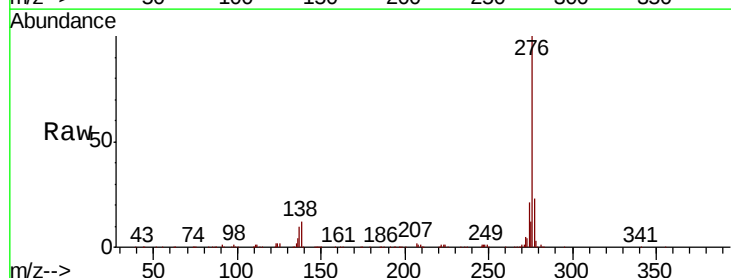
Tgt Ion:276 Resp: 686229

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 12.3 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

