

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043370.D
 Acq On : 29 Oct 2019 12:13
 Operator : JU
 Sample : PB124338BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:20:07 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	8.03	152	39156	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	156930	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111623	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	257673	20.00	ng	0.00
76) Chrysene-d12	21.66	240	294508	20.00	ng	0.00
87) Perylene-d12	24.86	264	313663	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	273024	127.77	ng	0.00
7) Phenol-d6	7.22	99	361301	117.52	ng	0.01
23) Nitrobenzene-d5	9.18	82	186401	61.24	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	230844	108.67	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	506964	62.76	ng	0.00
79) Terphenyl-d14	20.00	244	1001505	63.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	29450	35.367	ng	89
3) Pyridine	3.88	79	70908	33.757	ng	95
4) n-Nitrosodimethylamine	3.80	42	45931	43.334	ng	89
6) Aniline	7.35	93	118177	33.369	ng	96
8) 2-Chlorophenol	7.60	128	109729	46.519	ng	97
9) Benzaldehyde	7.16	77	59742	39.541	ng	94
10) Phenol	7.24	94	128221	45.641	ng	100
11) bis(2-Chloroethyl)ether	7.45	93	89565	41.236	ng	100
12) 1,3-Dichlorobenzene	7.92	146	118478	40.089	ng	97
13) 1,4-Dichlorobenzene	8.06	146	121189	40.530	ng	99
14) 1,2-Dichlorobenzene	8.38	146	115997	39.731	ng	95
15) Benzyl Alcohol	8.27	79	95509	44.235	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	121936	38.608	ng	97
17) 2-Methylphenol	8.48	107	92011	44.927	ng	96
18) Hexachloroethane	9.11	117	43784	40.586	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	79562	40.049	ng	98
20) 3+4-Methylphenols	8.81	107	119412	42.521	ng	94
22) Acetophenone	8.84	105	154809	38.521	ng	# 99
24) Nitrobenzene	9.23	77	120083	41.412	ng	97
25) Isophorone	9.75	82	222222	39.931	ng	98
26) 2-Nitrophenol	9.94	139	60620	43.302	ng	92
27) 2,4-Dimethylphenol	10.01	122	98871	49.276	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	118996	38.742	ng	93
29) 2,4-Dichlorophenol	10.49	162	113977	44.334	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	131300	40.522	ng	96
31) Naphthalene	10.88	128	336633	42.260	ng	98
32) Benzoic acid	10.18	122	49111	35.061	ng	97
33) 4-Chloroaniline	11.00	127	72597	22.233	ng	96
34) Hexachlorobutadiene	11.16	225	92033	38.423	ng	94
35) Caprolactam	11.76	113	20870	23.571	ng	# 76
36) 4-Chloro-3-methylphenol	12.13	107	118913	42.404	ng	100
37) 2-Methylnaphthalene	12.48	142	254209	41.592	ng	97
38) 1-Methylnaphthalene	12.70	142	239916	41.256	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	163036	39.466	ng	99

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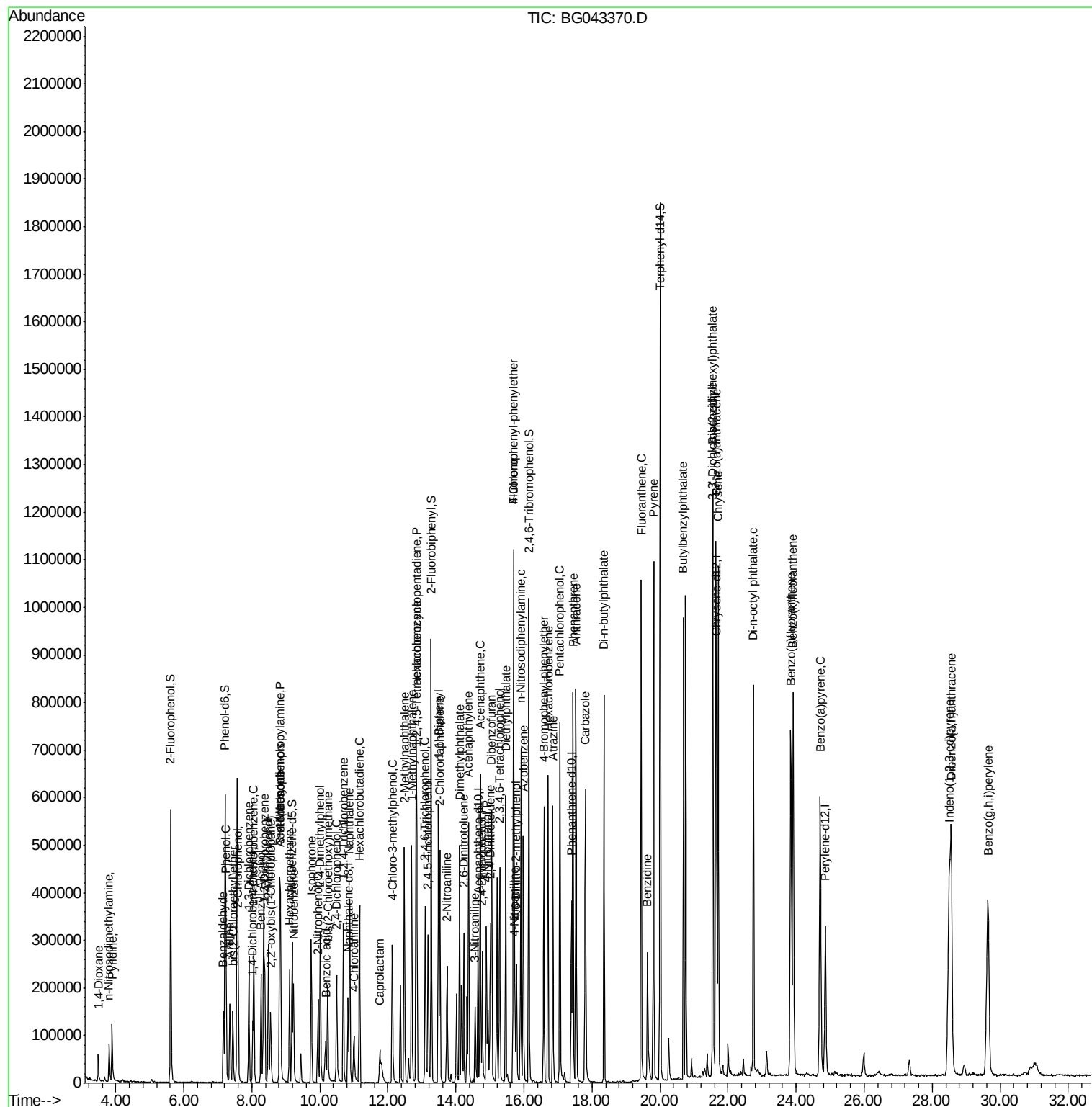
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	181932	83.838	ng	96
43) 2,4,6-Trichlorophenol	13.09	196	102878	42.288	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	106268	43.207	ng	94
46) 1,1'-Biphenyl	13.48	154	338878	39.907	ng	99
47) 2-Chloronaphthalene	13.53	162	262682	40.656	ng	99
48) 2-Nitroaniline	13.74	65	75939	39.325	ng	98
49) Acenaphthylene	14.37	152	424752	42.240	ng	97
50) Dimethylphthalate	14.11	163	338894	39.197	ng	99
51) 2,6-Dinitrotoluene	14.23	165	75041	39.951	ng	96
52) Acenaphthene	14.72	154	250448	40.841	ng	97
53) 3-Nitroaniline	14.56	138	52406	28.898	ng	# 90
54) 2,4-Dinitrophenol	14.77	184	78444	68.074	ng	94
55) Dibenzofuran	15.05	168	405398	40.766	ng	98
56) 4-Nitrophenol	14.90	139	110092	90.591	ng	91
57) 2,4-Dinitrotoluene	15.01	165	110108	41.019	ng	# 97
58) Fluorene	15.70	166	337605	40.477	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	111355	42.614	ng	98
60) Diethylphthalate	15.47	149	342453	39.420	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	195358	40.150	ng	97
62) 4-Nitroaniline	15.73	138	71040	37.931	ng	98
63) Azobenzene	15.98	77	284919	40.524	ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	65131	42.951	ng	93
66) n-Nitrosodiphenylamine	15.91	169	298567	41.041	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	137567	39.671	ng	98
68) Hexachlorobenzene	16.70	284	154327	38.771	ng	98
69) Atrazine	16.85	200	130715	51.710	ng	97
70) Pentachlorophenol	17.05	266	172737	95.237	ng	95
71) Phenanthrene	17.44	178	545756	41.361	ng	99
72) Anthracene	17.53	178	568211	43.041	ng	99
73) Carbazole	17.80	167	513273	42.934	ng	97
74) Di-n-butylphthalate	18.35	149	608306	41.935	ng	98
75) Fluoranthene	19.44	202	742761	43.179	ng	100
77) Benzidine	19.63	184	243251	41.041	ng	98
78) Pyrene	19.81	202	750388	41.163	ng	99
80) Butylbenzylphthalate	20.69	149	281866	40.812	ng	98
81) Benzo(a)anthracene	21.64	228	777416	42.141	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	262865	36.840	ng	100
83) Chrysene	21.71	228	757824	41.345	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	415290	42.330	ng	99
85) Di-n-octyl phthalate	22.74	149	704363	42.318	ng	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	987512	42.921	ng	# 98
88) Benzo(b)fluoranthene	23.85	252	826475	46.523	ng	99
89) Benzo(k)fluoranthene	23.91	252	824334	46.093	ng	99
90) Benzo(a)pyrene	24.71	252	760561	44.833	ng	100
91) Dibenzo(a,h)anthracene	28.56	278	830031	47.835	ng	99
92) Benzo(g,h,i)perylene	29.64	276	831051	48.554	ng	98

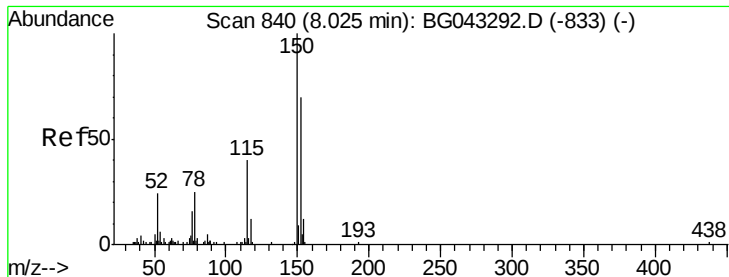
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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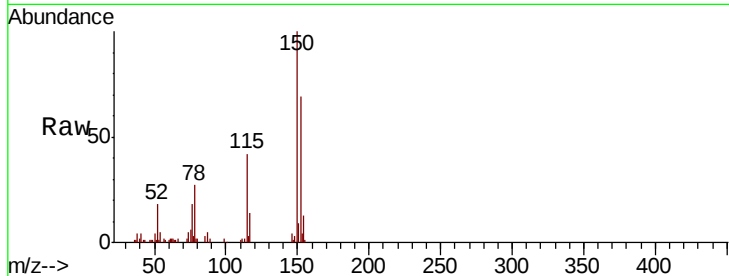


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	113.6	170.4
115	61.0	45.9	68.9

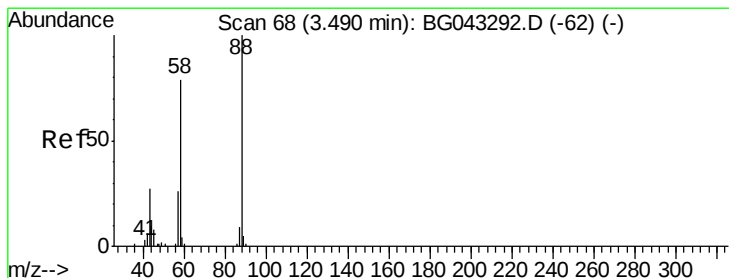
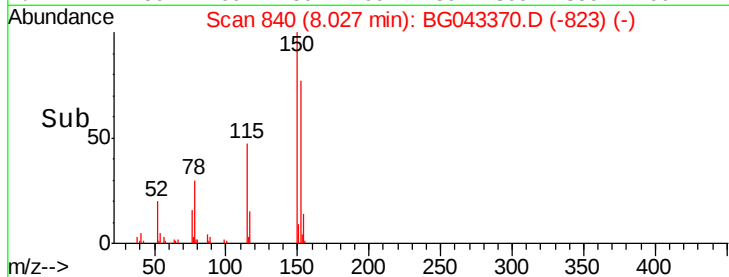
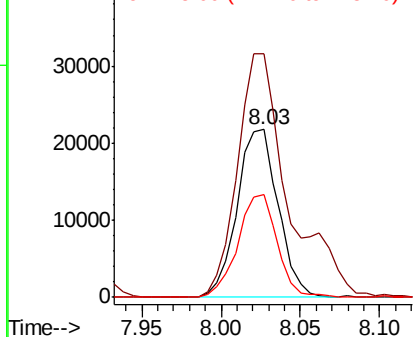


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

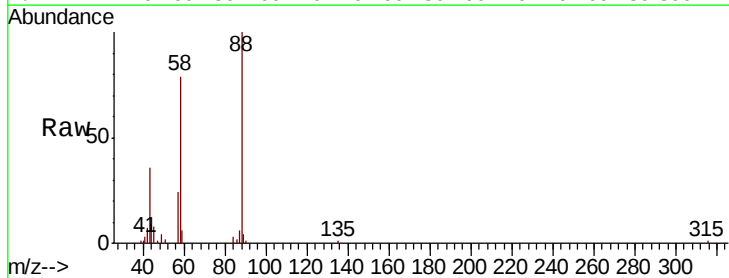
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.367 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	60.2	90.2
43	32.8	22.7	34.1

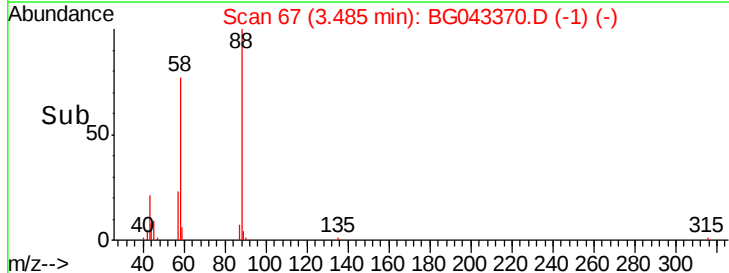
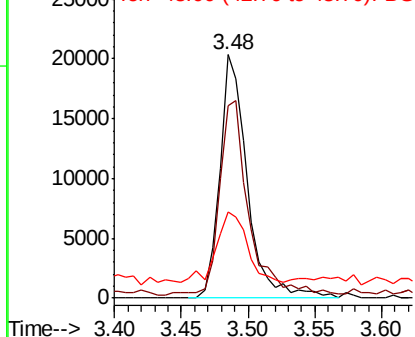


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.757 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

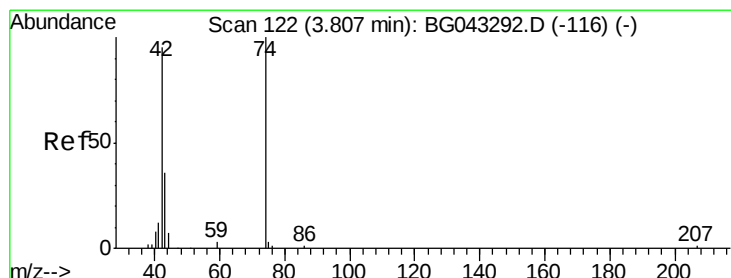
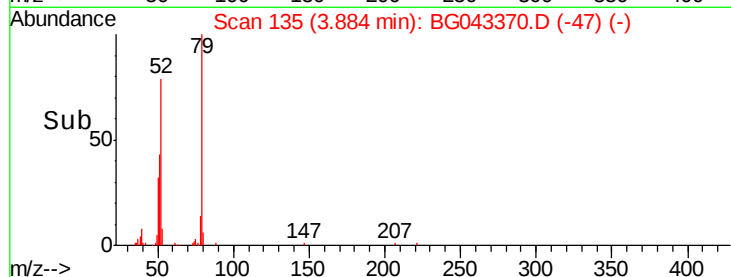
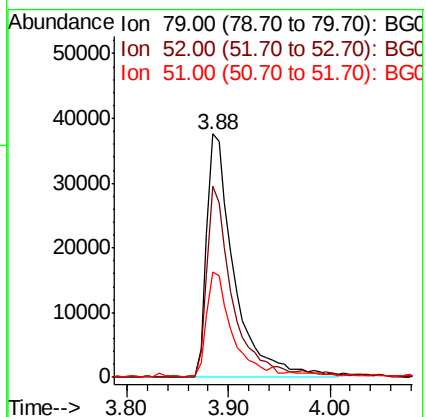
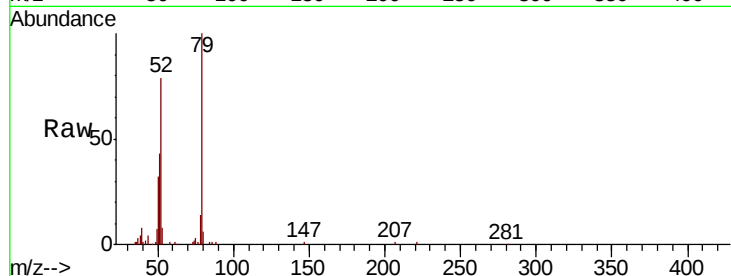
Tot Ion: 79 Resp: 70908

Ion Ratio Lower Upper

79 100

52 78.8 59.7 89.5

51 43.5 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 43.334 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

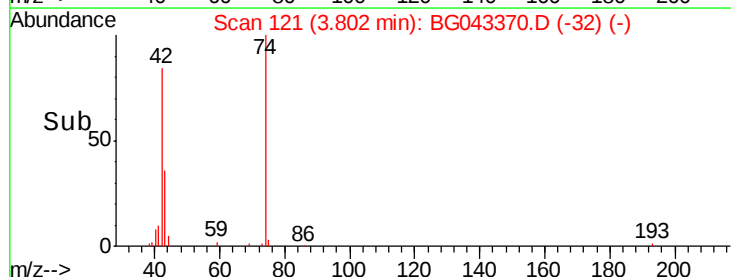
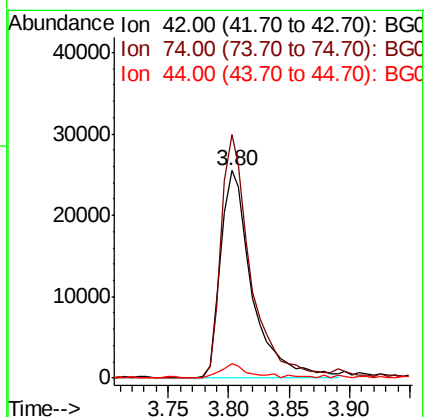
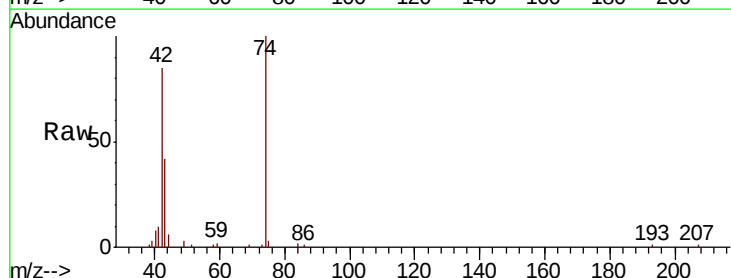
Tgt Ion: 42 Resp: 45931

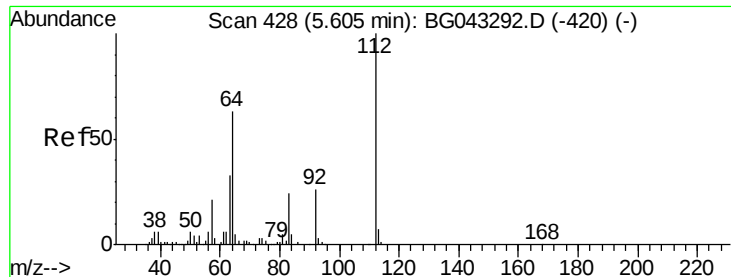
Ion Ratio Lower Upper

42 100

74 117.2 84.2 126.2

44 6.8 6.0 9.0





#5

2-Fluorophenol

Concen: 127.771 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

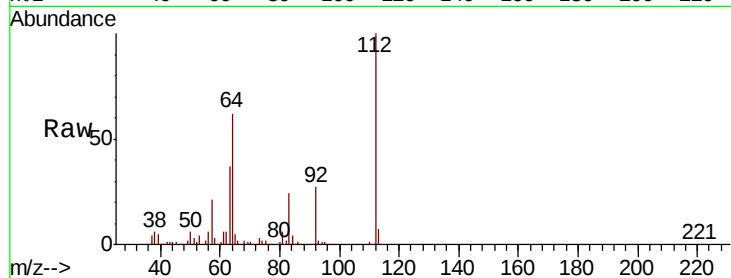
Tot Ion:112 Resp: 273024

Ion Ratio Lower Upper

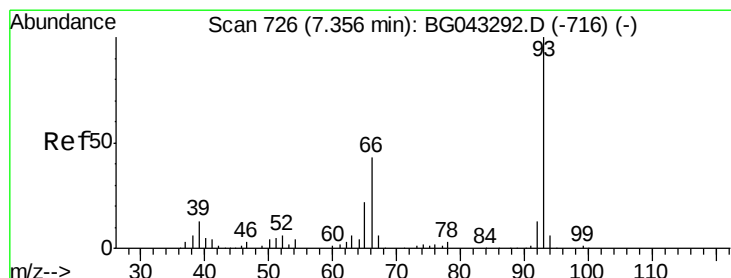
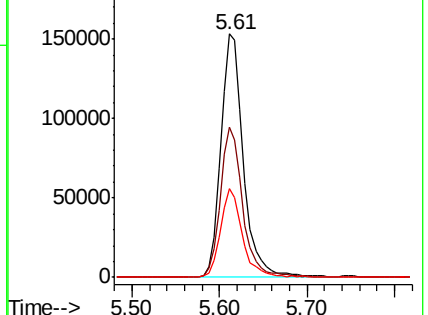
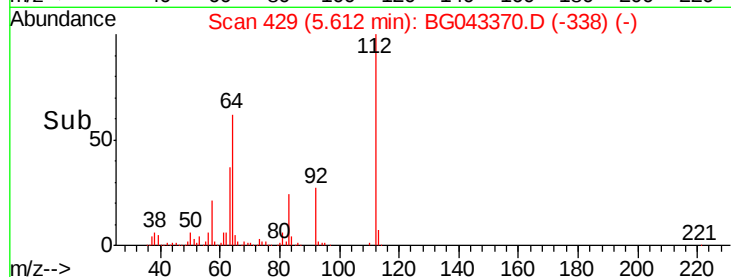
112 100

64 61.9 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: 33.369 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

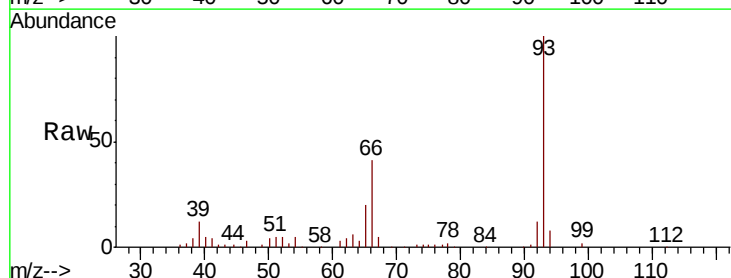
Tgt Ion: 93 Resp: 118177

Ion Ratio Lower Upper

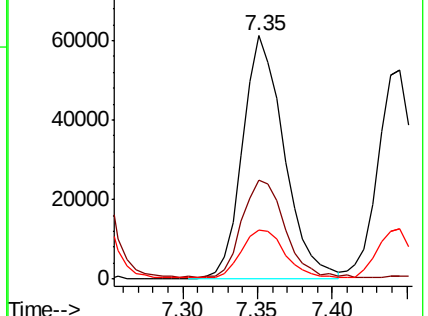
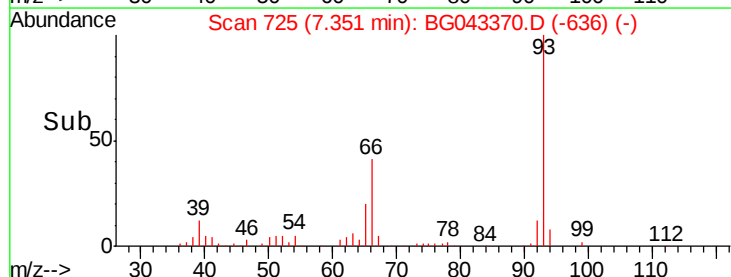
93 100

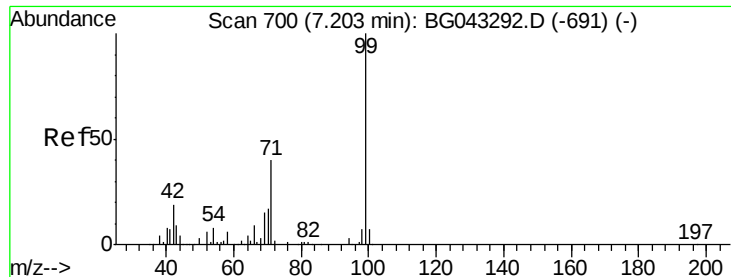
66 40.7 34.5 51.7

65 20.1 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: 117.520 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampled :

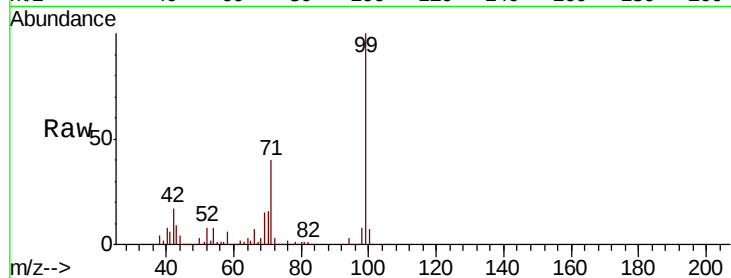
Tot Ion: 99 Resp: 361301

Ion Ratio Lower Upper

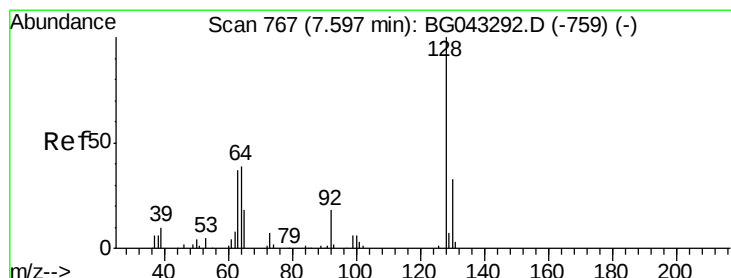
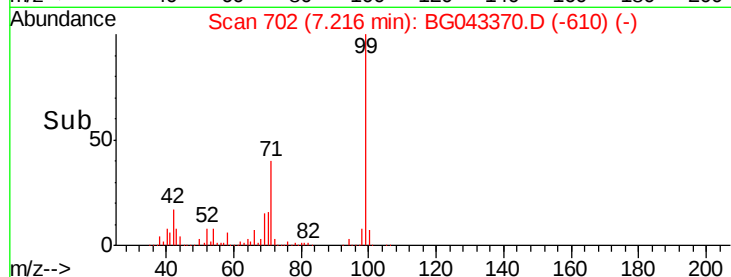
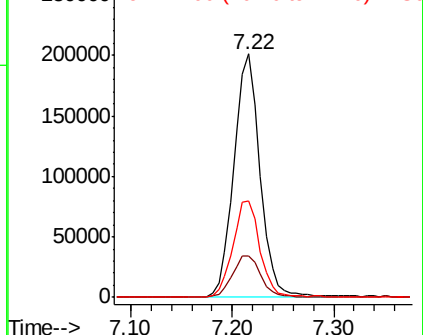
99 100

42 16.9 14.9 22.3

71 39.8 32.2 48.2



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



#8

2-Chlorophenol

Concen: 46.519 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

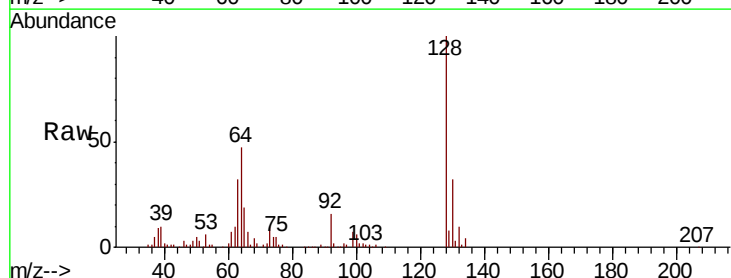
Tgt Ion: 128 Resp: 109729

Ion Ratio Lower Upper

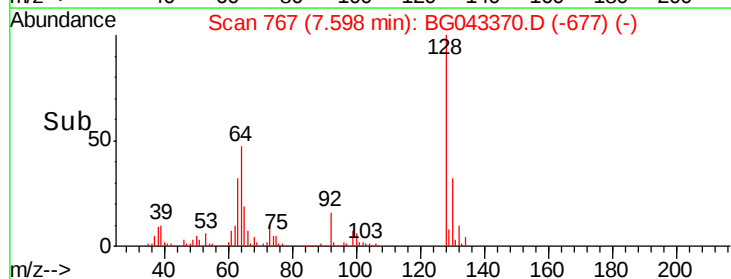
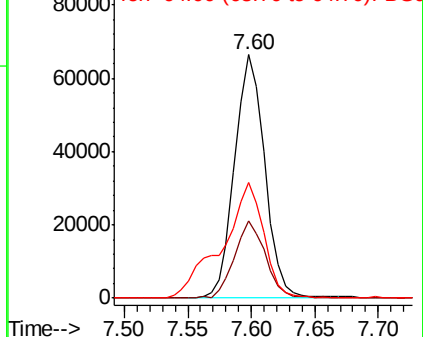
128 100

130 31.7 12.9 52.9

64 47.3 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: 39.541 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

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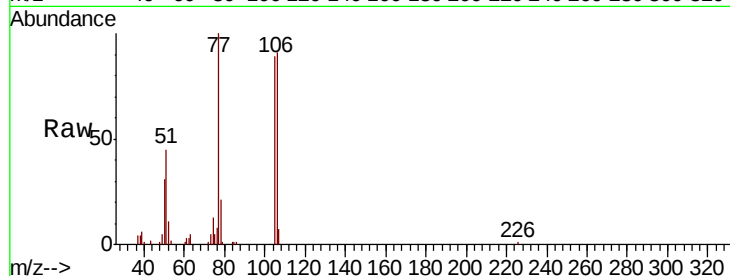
Tot Ion: 77 Resp: 59742

Ion Ratio Lower Upper

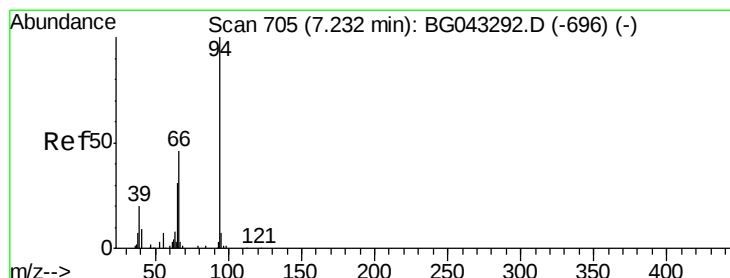
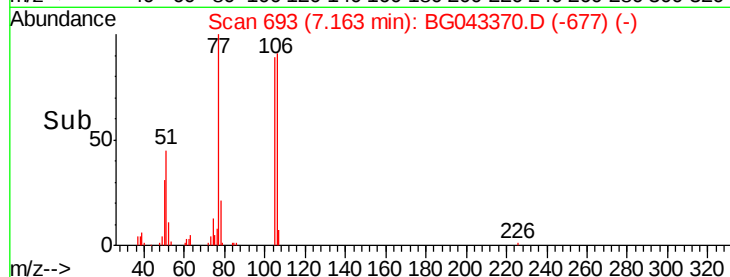
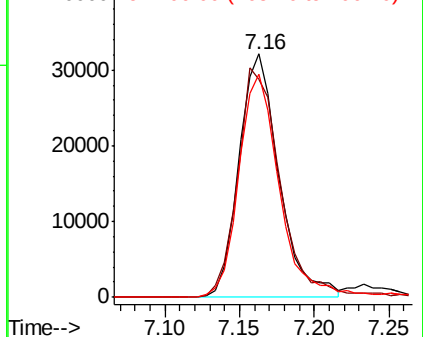
77 100

105 89.4 68.7 108.7

106 91.4 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: 45.641 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

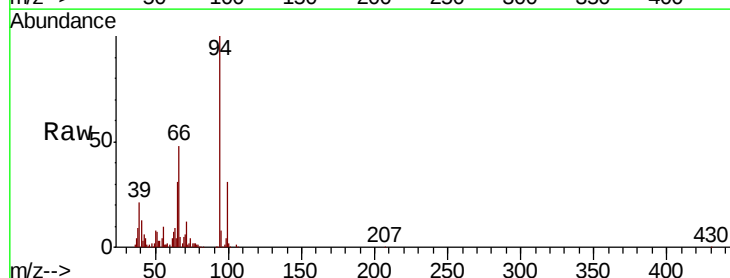
Tgt Ion: 94 Resp: 128221

Ion Ratio Lower Upper

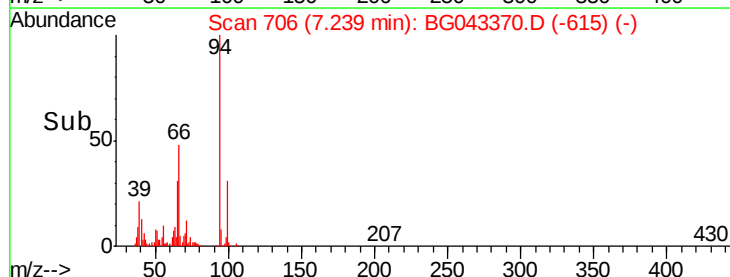
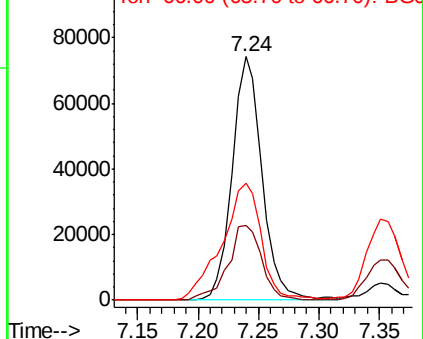
94 100

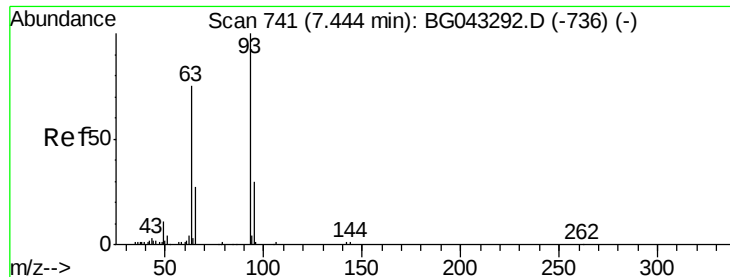
65 30.9 11.1 51.1

66 47.9 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

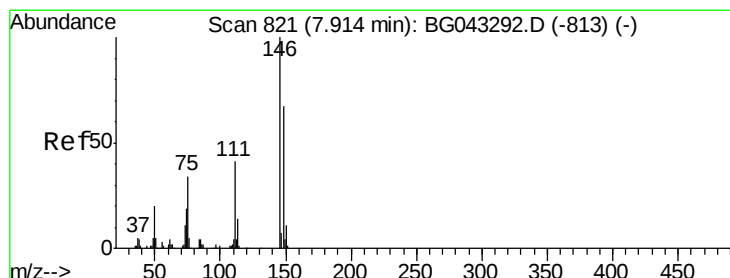
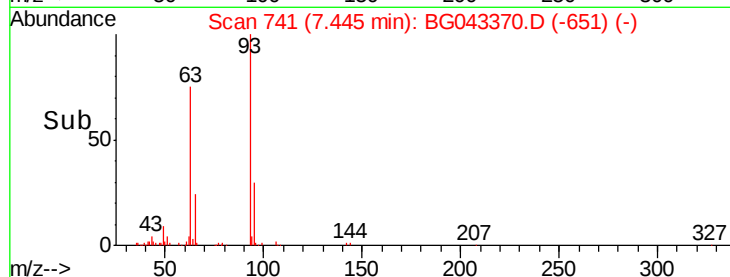
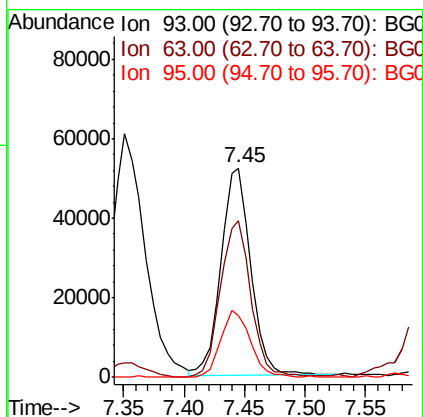
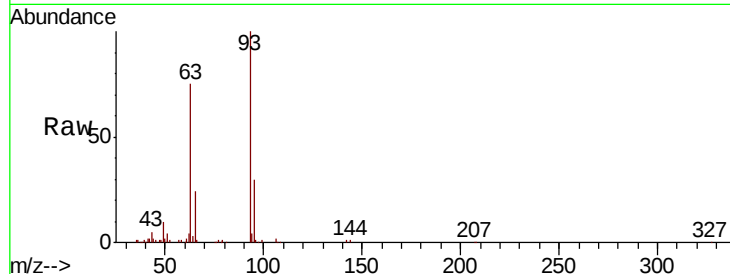




#11
 bis(2-Chloroethyl)ether
 Concen: 41.236 ng
 RT: 7.45 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

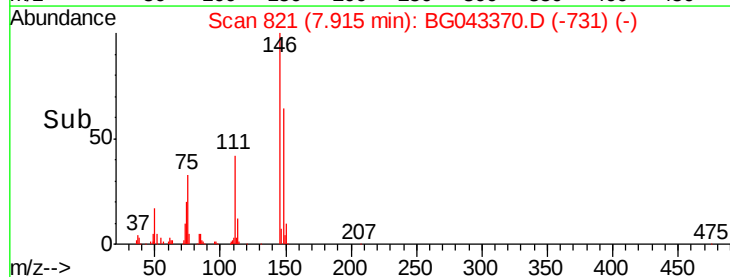
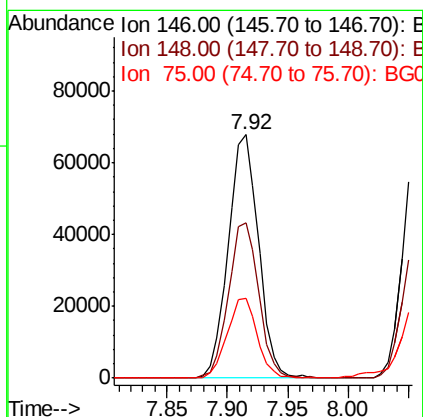
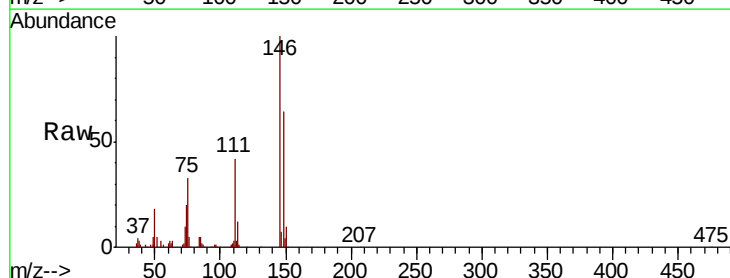
Instrument :
 BNA_G
 ClientSampleId :

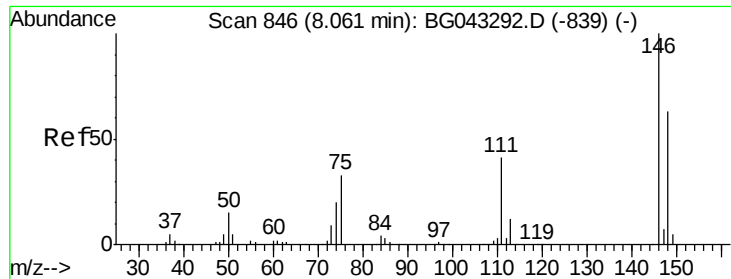
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	54.6	94.6
95	29.6	9.7	49.7



#12
 1,3-Dichlorobenzene
 Concen: 40.089 ng
 RT: 7.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.4	80.2
75	32.5	27.0	40.4

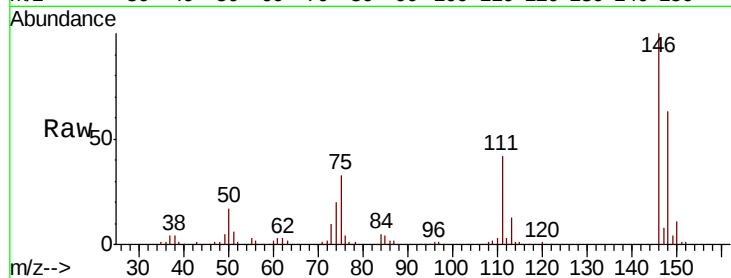




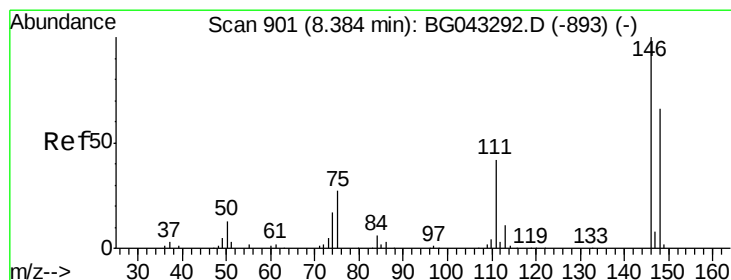
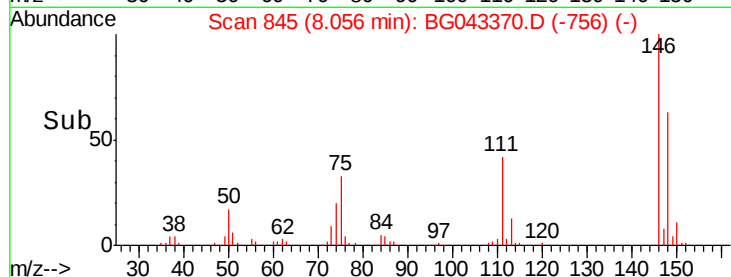
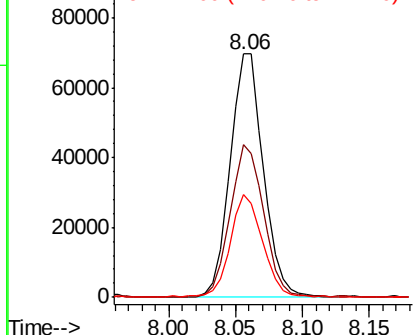
#13
 1,4-Dichlorobenzene
 Concen: 40.530 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 121189
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.7 76.1
 111 42.5 33.0 49.6

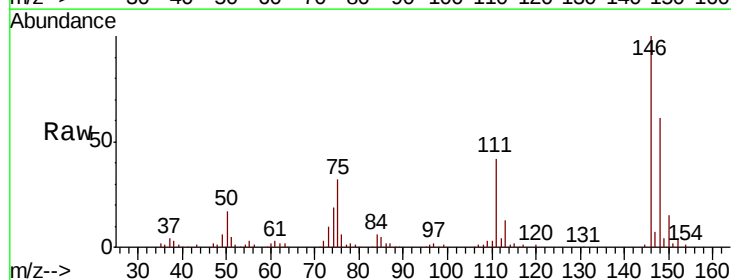


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

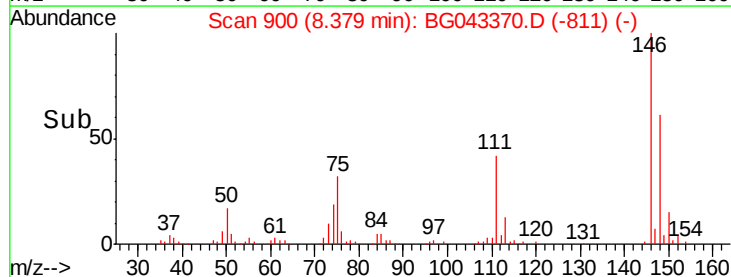
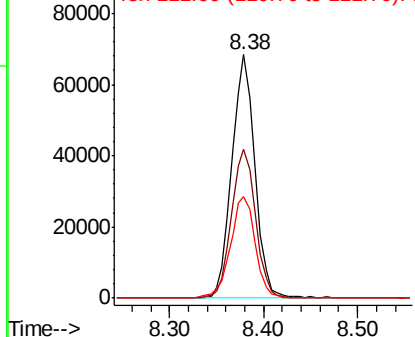


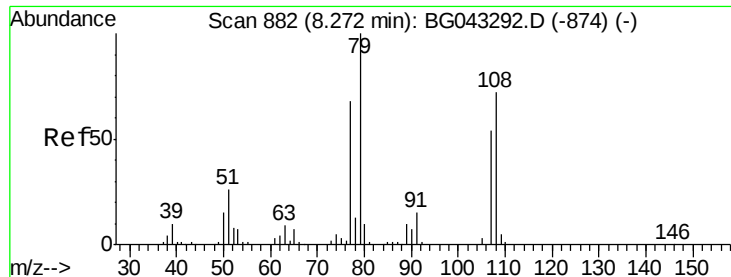
#14
 1,2-Dichlorobenzene
 Concen: 39.731 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion:146 Resp: 115997
 Ion Ratio Lower Upper
 146 100
 148 61.4 53.0 79.4
 111 41.5 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: 44.235 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

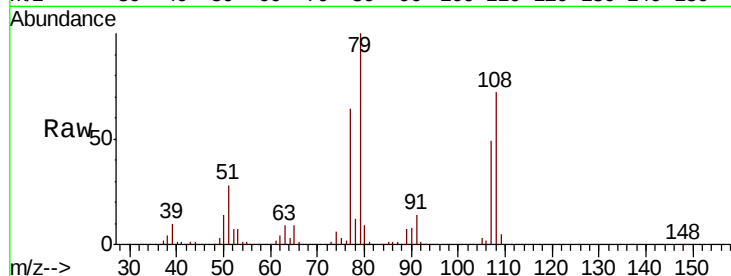
Tot Ion: 79 Resp: 95509

Ion Ratio Lower Upper

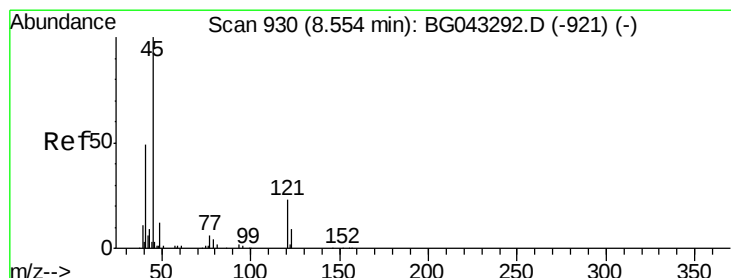
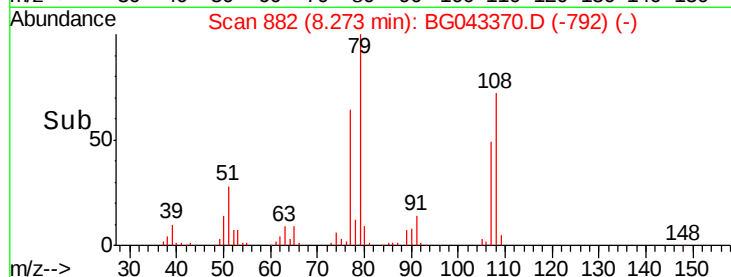
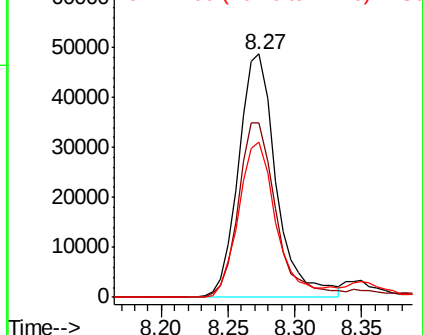
79 100

108 71.8 57.3 85.9

77 63.9 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: 38.608 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

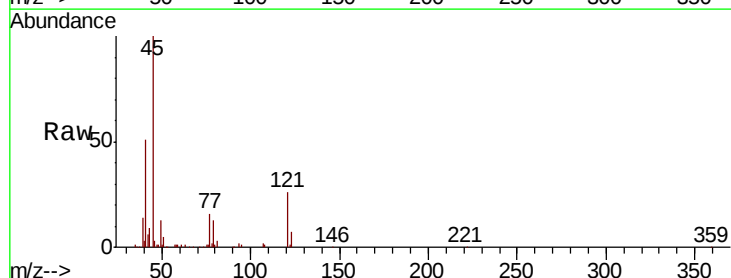
Tgt Ion: 45 Resp: 121936

Ion Ratio Lower Upper

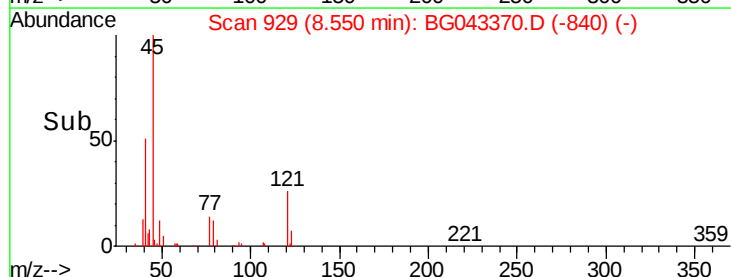
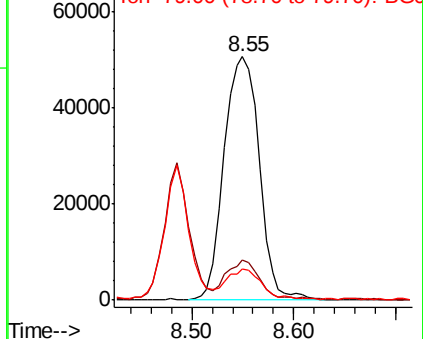
45 100

77 16.3 0.0 34.2

79 12.9 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: 44.927 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 92011

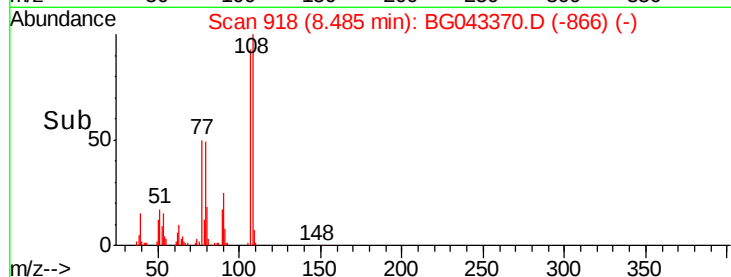
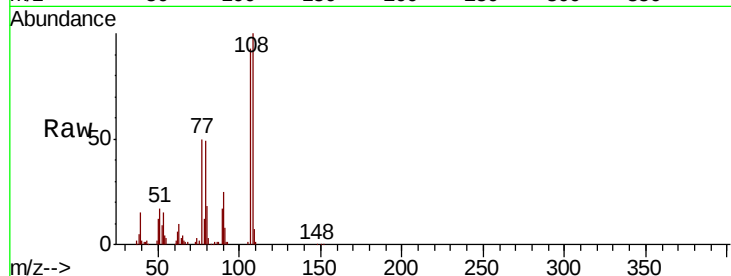
Ion Ratio Lower Upper

107 100

108 107.4 91.3 136.9

77 53.8 43.0 64.6

79 52.7 43.4 65.2



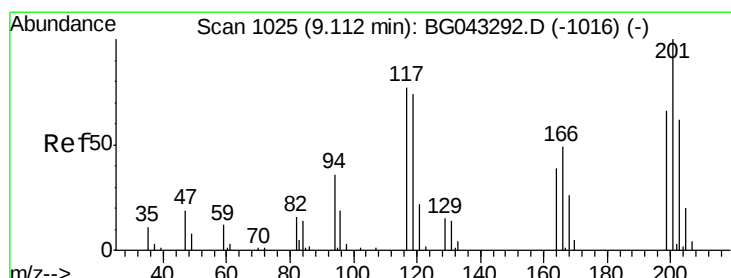
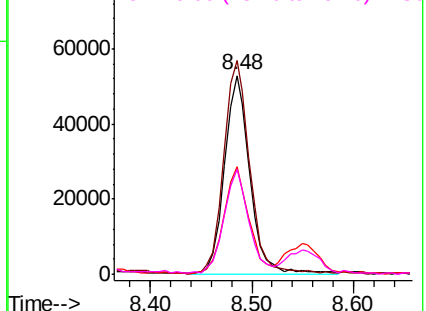
Abundance

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: 40.586 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

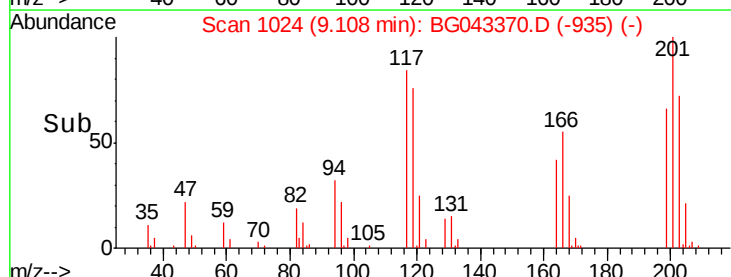
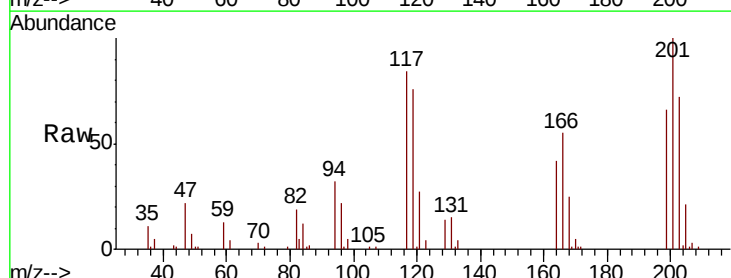
Tgt Ion:117 Resp: 43784

Ion Ratio Lower Upper

117 100

119 90.5 77.3 115.9

201 119.1 104.2 156.4

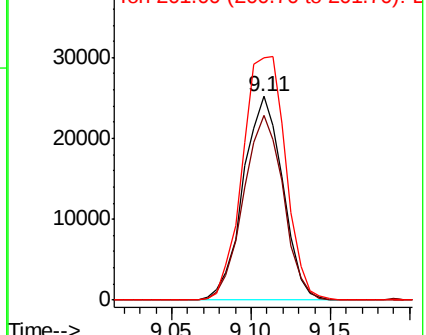


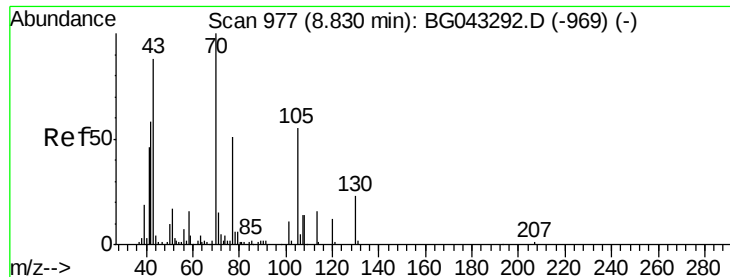
Abundance

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

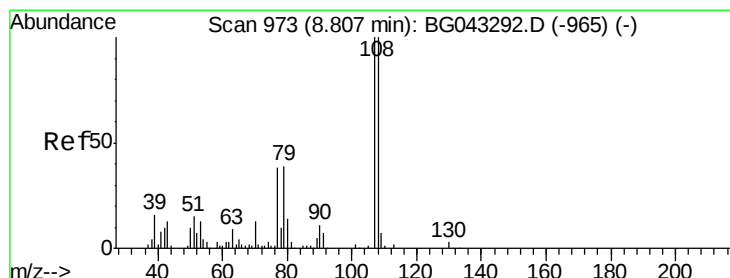
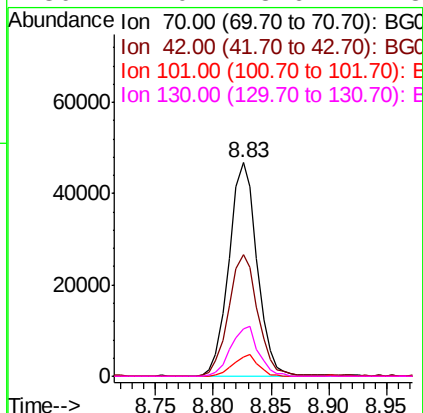
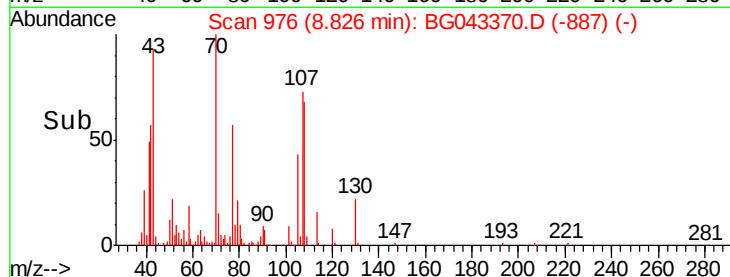
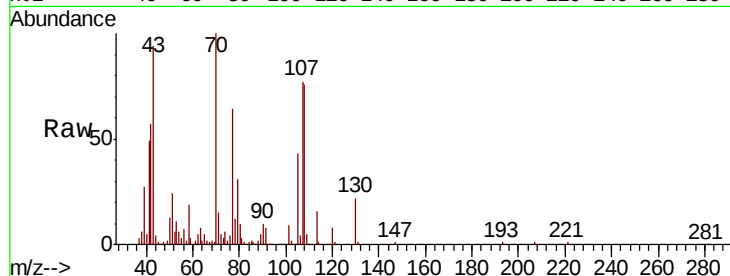




#19
n-Nitroso-di-n-propylamine
Concen: 40.049 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

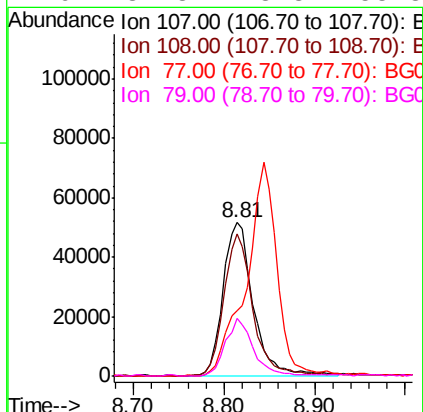
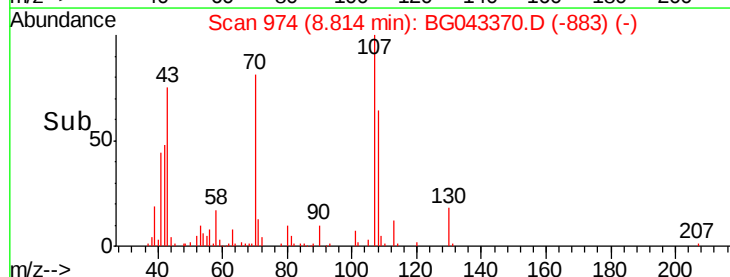
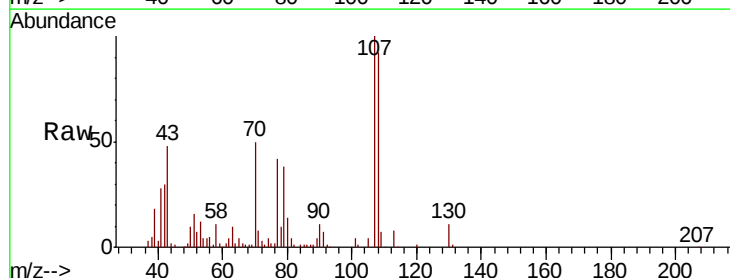
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	79562
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.2	69.2
101	9.3	8.6	13.0
130	22.0	18.6	27.8



#20
3+4-Methylphenols
Concen: 42.521 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion:	107	Resp:	119412
Ion	Ratio	Lower	Upper
107	100		
108	92.2	80.3	120.3
77	42.4	18.2	58.2
79	37.8	18.8	58.8

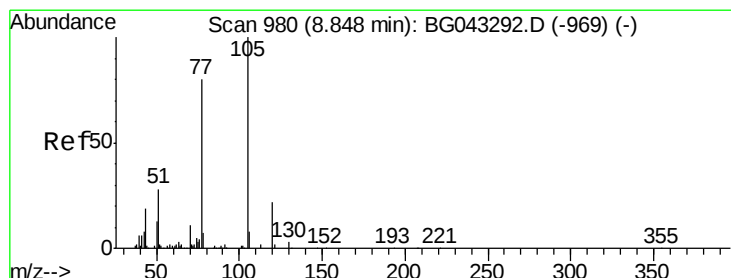
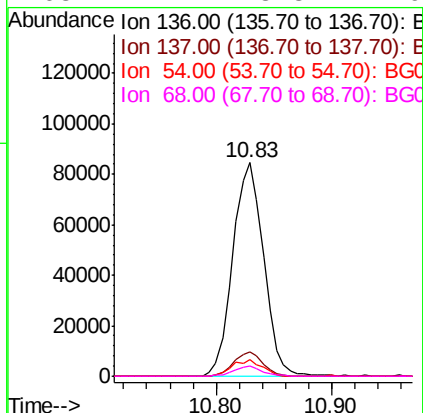
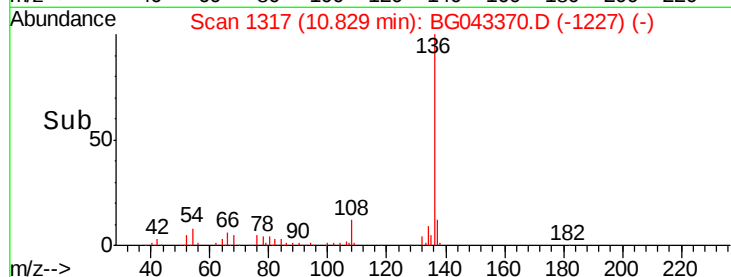
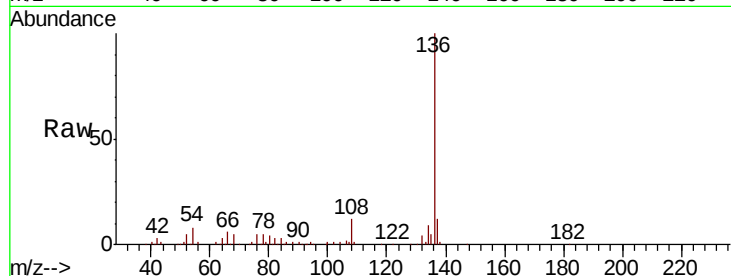




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

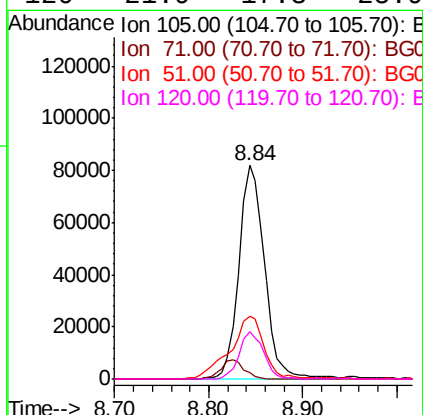
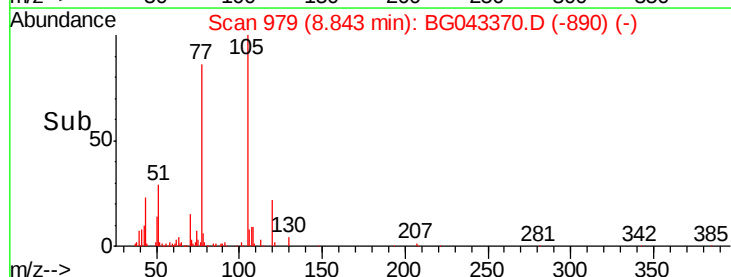
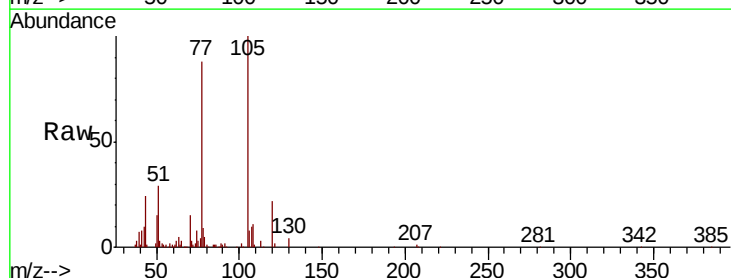
Instrument :
BNA_G
ClientSampleId :

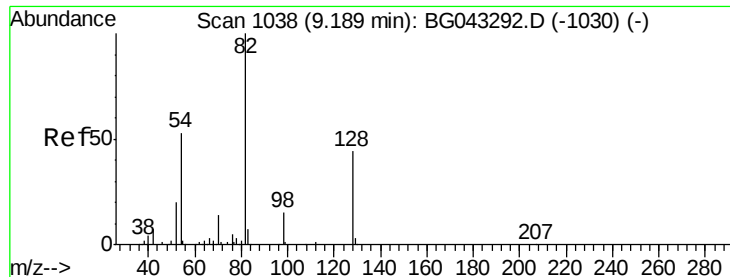
Tot Ion:136	Resp:	156930
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.2	12.2
54 7.6	5.4	8.2
68 4.7	3.3	4.9



#22
Acetophenone
Concen: 38.521 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt	Ion:105	Resp:	154809
Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.5	2.3#
51	29.2	23.9	35.9
120	21.9	17.3	25.9

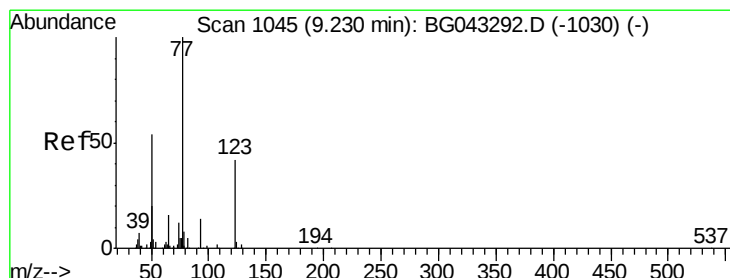
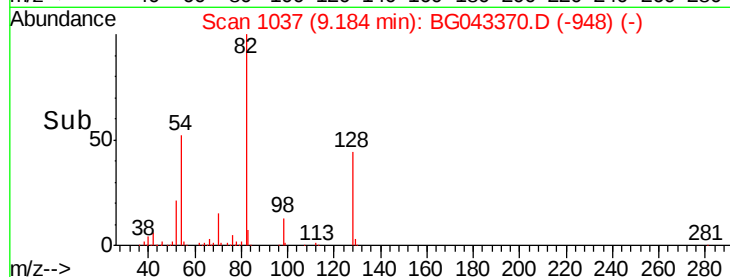
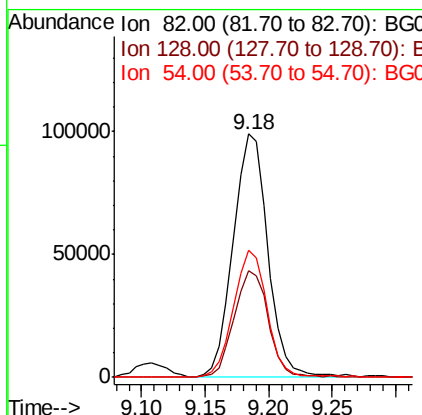
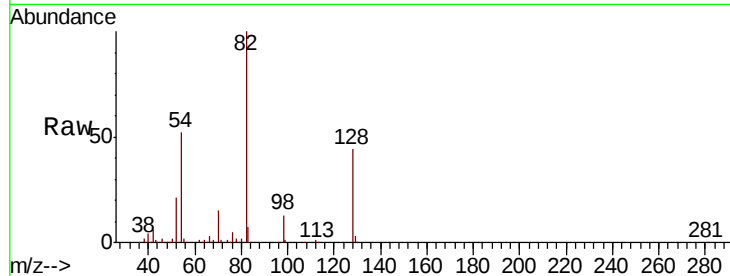




#23
 Nitrobenzene-d5
 Concen: 61.236 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

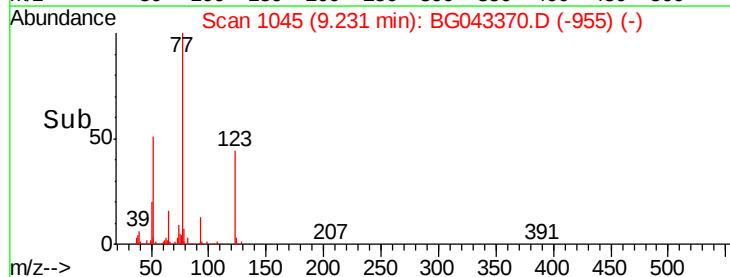
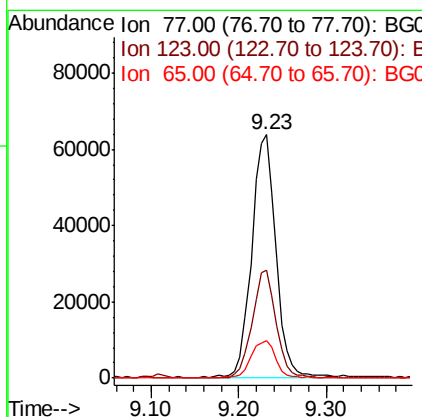
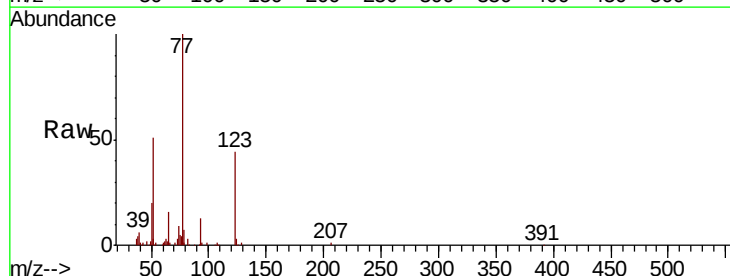
Instrument :
 BNA_G
 ClientSampleId :

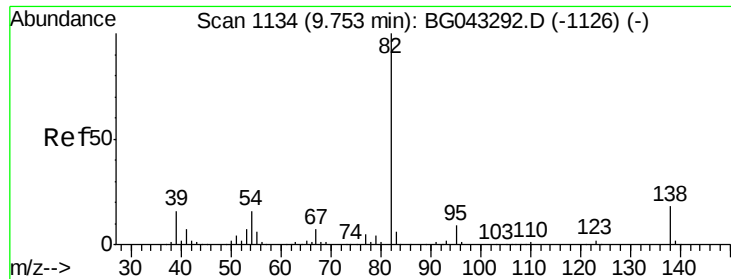
Tot Ion	82	Resp	186401
Ion Ratio	Lower	Upper	
82	100		
128	43.7	35.3	52.9
54	52.3	42.3	63.5



#24
 Nitrobenzene
 Concen: 41.412 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	77	Resp	120083
Ion Ratio	Lower	Upper	
77	100		
123	44.3	33.8	50.8
65	15.5	13.0	19.4

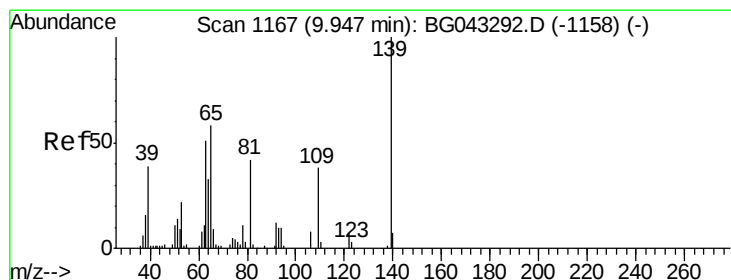
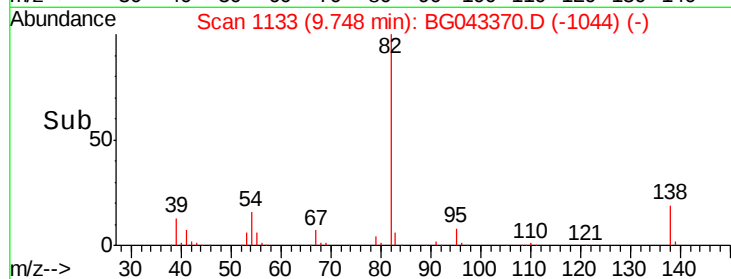
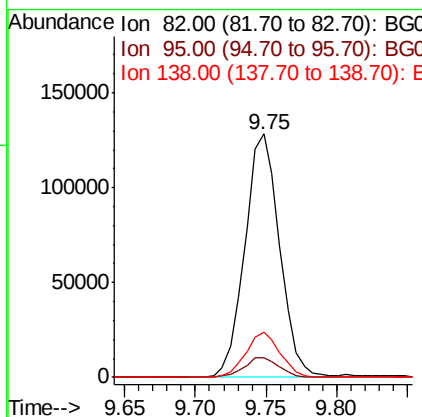
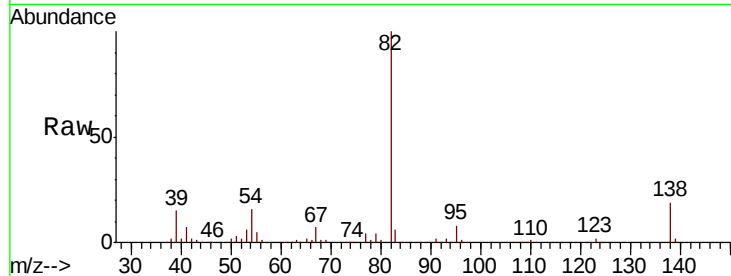




#25
Isophorone
Concen: 39.931 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

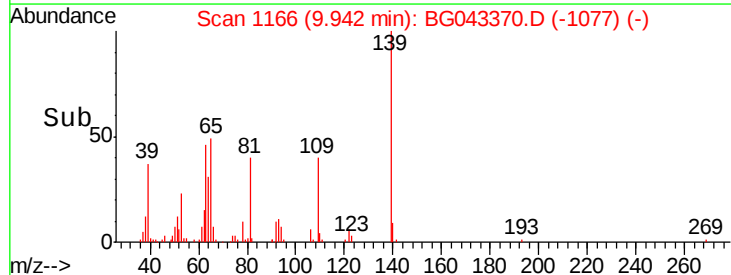
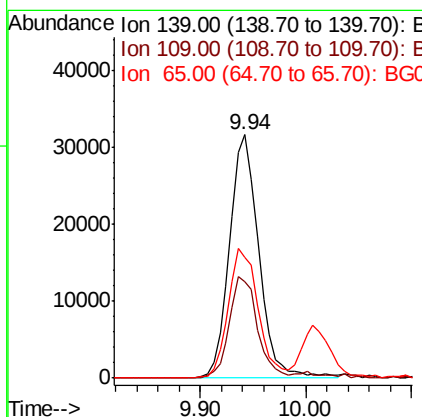
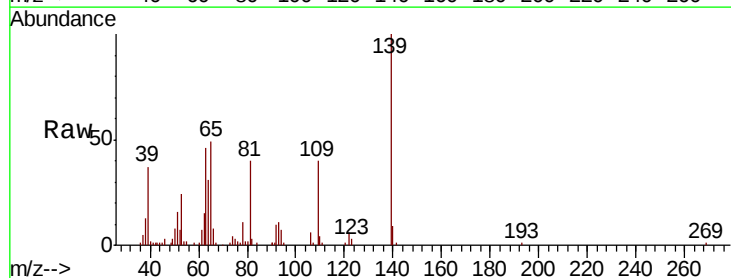
Instrument :
BNA_G
ClientSampleId :

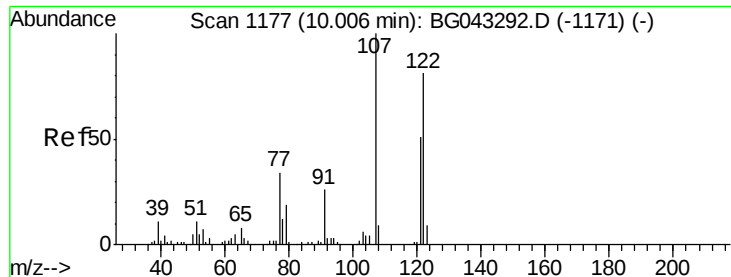
Tot Ion: 82 Resp: 222222
Ion Ratio Lower Upper
82 100
95 7.9 6.9 10.3
138 18.5 14.2 21.2



#26
2-Nitrophenol
Concen: 43.302 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion: 139 Resp: 60620
Ion Ratio Lower Upper
139 100
109 39.8 30.1 45.1
65 49.4 46.1 69.1

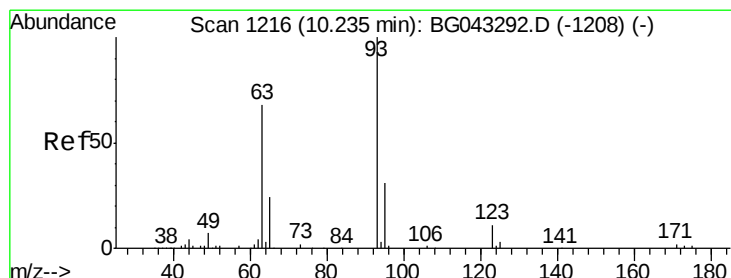
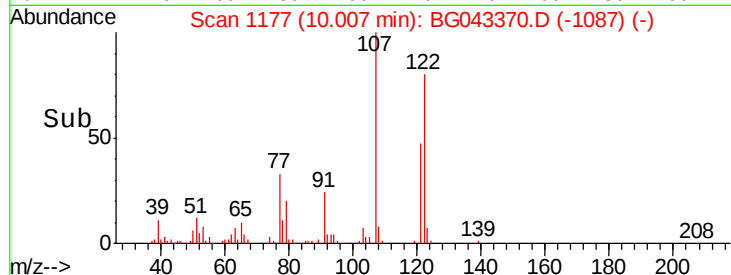
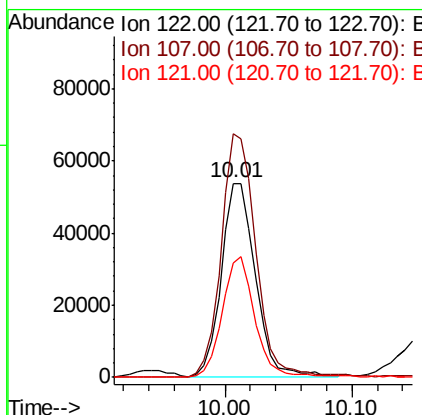
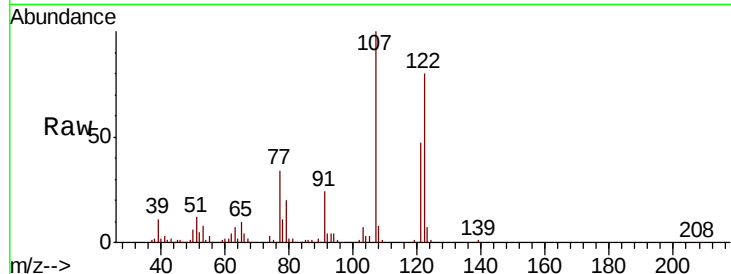




#27
 2,4-Dimethylphenol
 Concen: 49.276 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

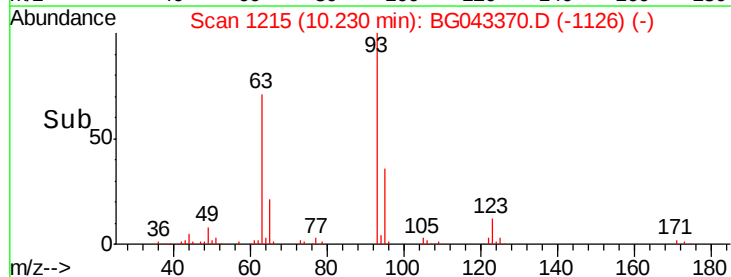
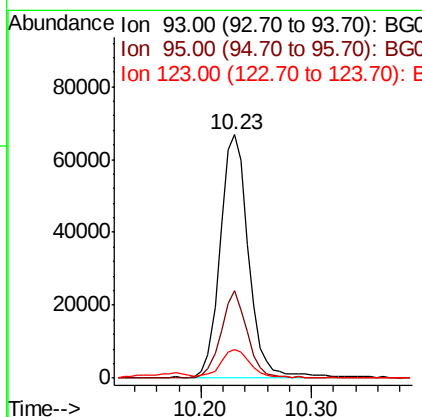
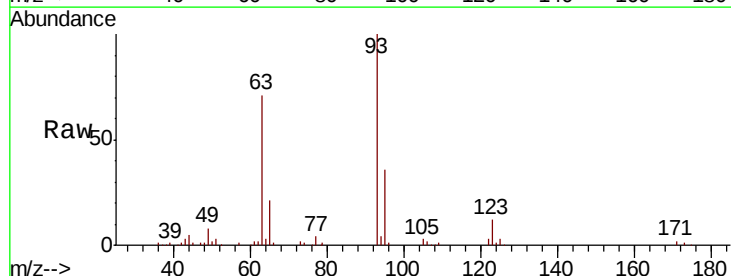
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 98871
 Ion Ratio Lower Upper
 122 100
 107 125.7 98.6 147.8
 121 59.0 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.742 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion: 93 Resp: 118996
 Ion Ratio Lower Upper
 93 100
 95 35.8 24.9 37.3
 123 11.9 8.9 13.3

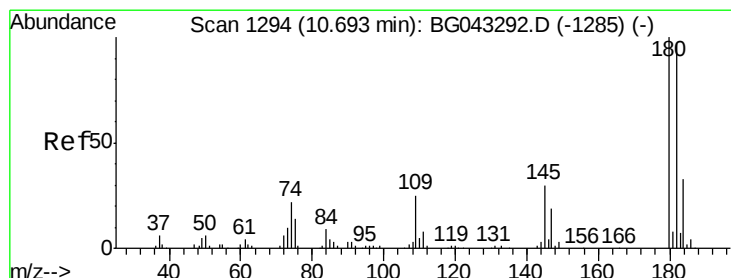
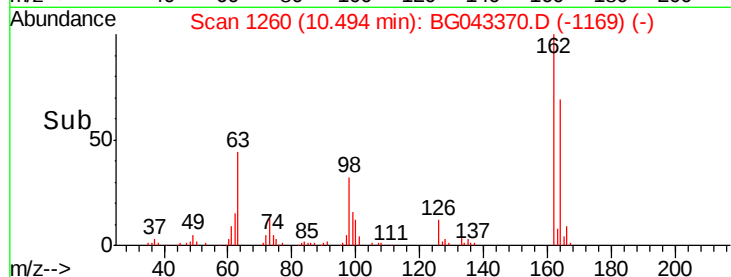
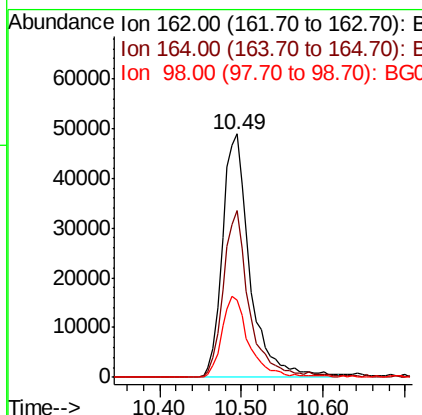
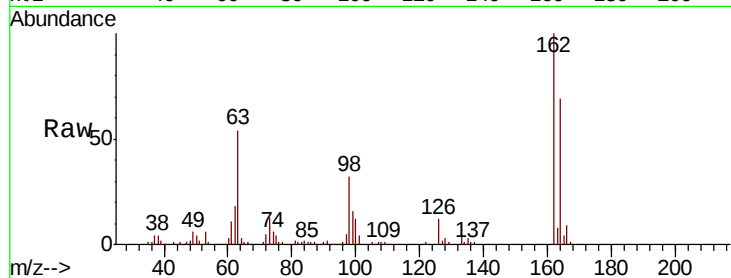




#29
2,4-Dichlorophenol
Concen: 44.334 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

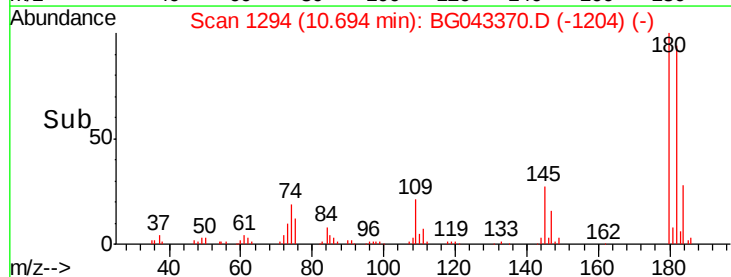
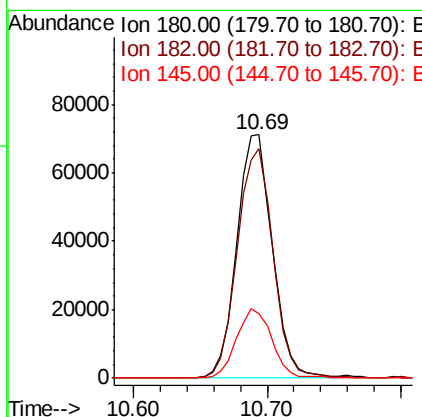
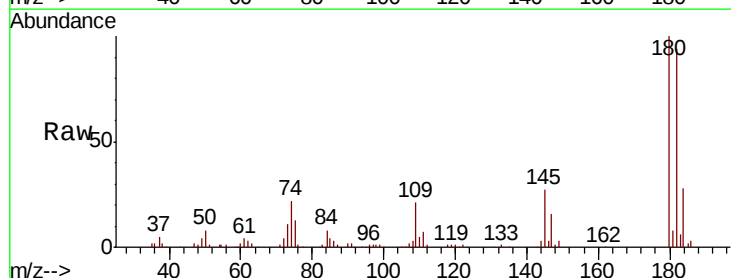
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	37.3	77.3
98	31.7	11.8	51.8



#30
1,2,4-Trichlorobenzene
Concen: 40.522 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.8	116.8
145	26.7	23.6	35.4

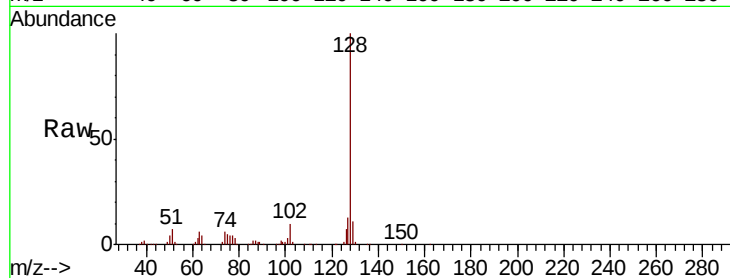




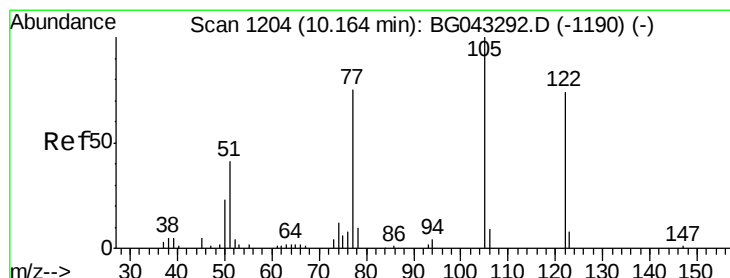
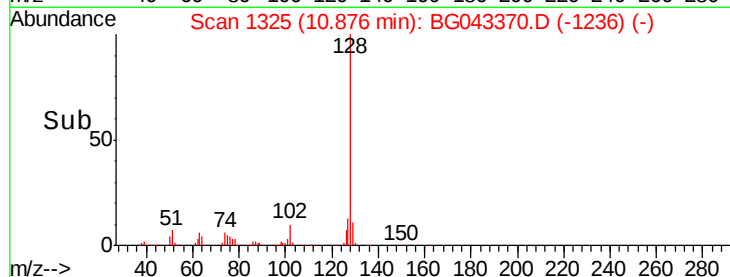
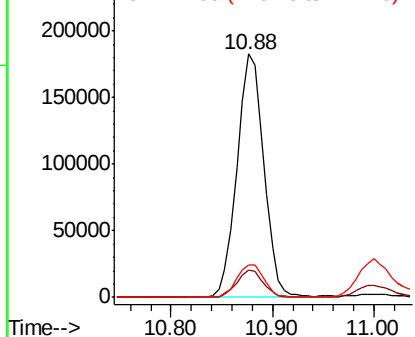
#31
Naphthalene
Concen: 42.260 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.4	11.5	17.3

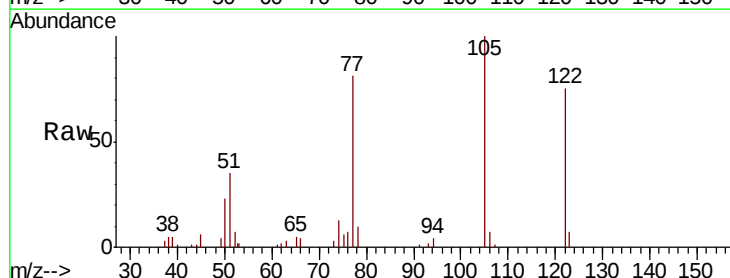


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

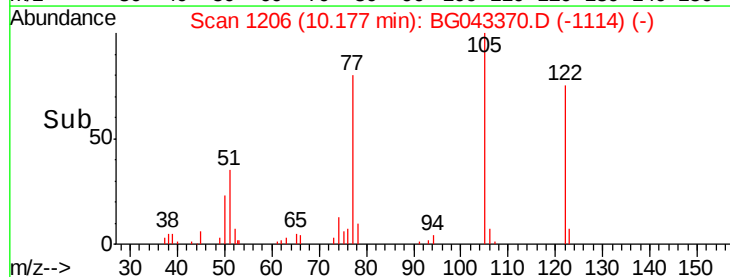
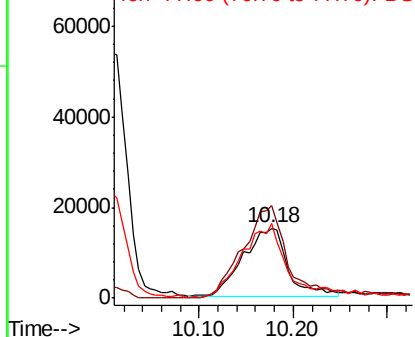


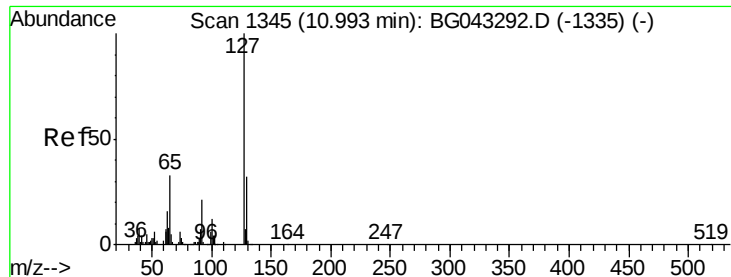
#32
Benzoic acid
Concen: 35.061 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.0	112.4	152.4
77	108.0	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

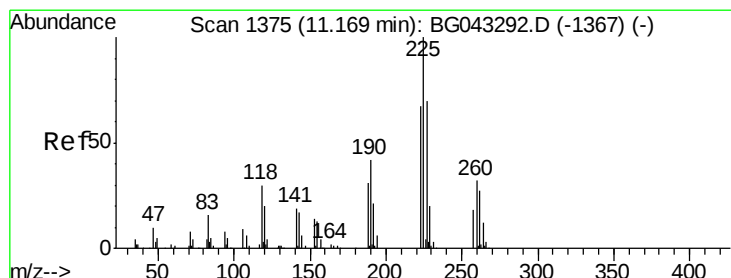
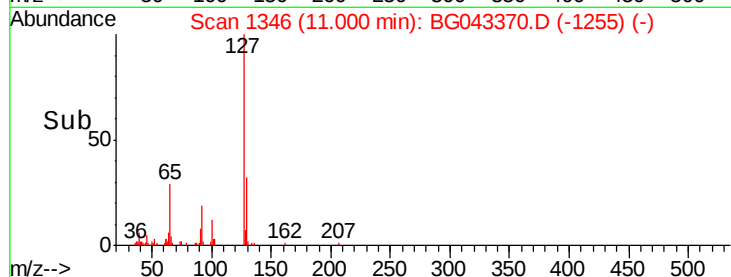
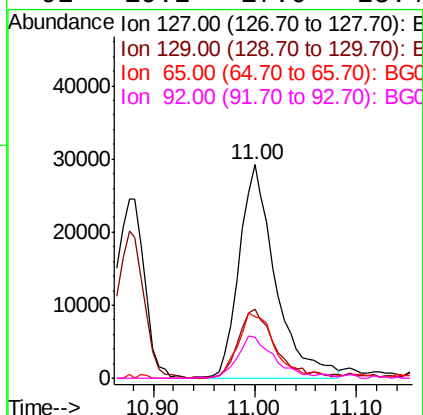
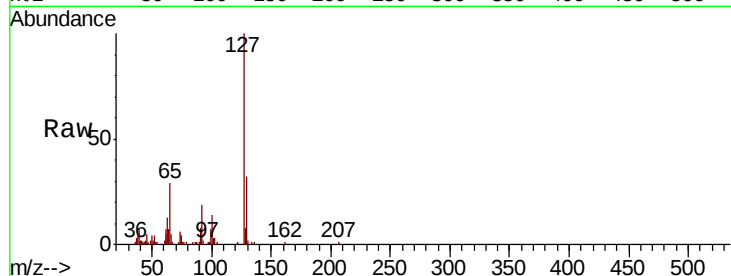




#33
4-Chloroaniline
Concen: 22.233 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

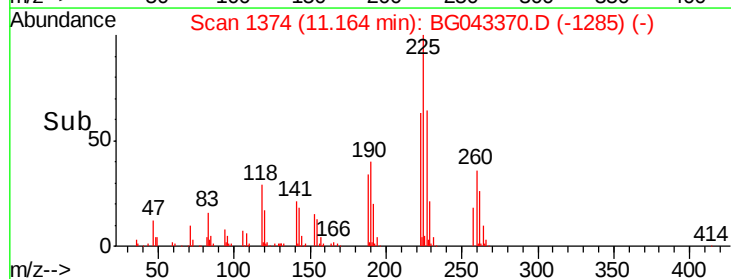
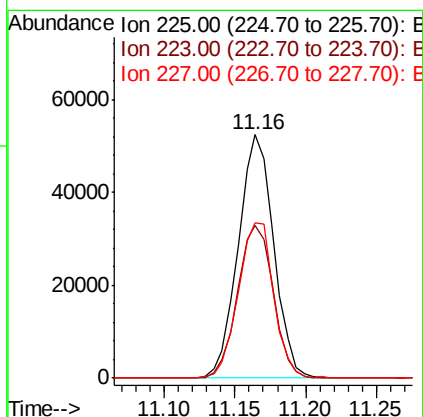
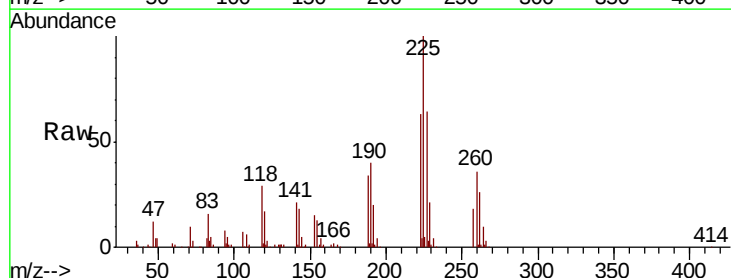
Instrument :
BNA_G
ClientSampleId :

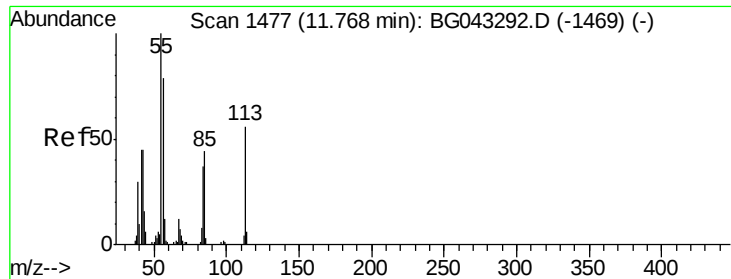
Tot Ion:127	Resp:	72597	
Ion Ratio	Lower	Upper	
127 100			
129 32.2	25.8	38.8	
65 29.0	26.2	39.2	
92 19.2	17.0	25.4	



#34
Hexachlorobutadiene
Concen: 38.423 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt	Ion:225	Resp:	92033
Ion	Ratio	Lower	Upper
225	100		
223	62.8	53.2	79.8
227	63.6	56.2	84.2





#35

Caprolactam

Concen: 23.571 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

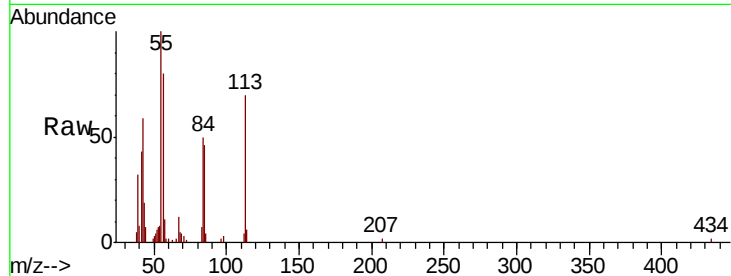
Tot Ion:113 Resp: 20870

Ion Ratio Lower Upper

113 100

55 143.7 158.9 198.9#

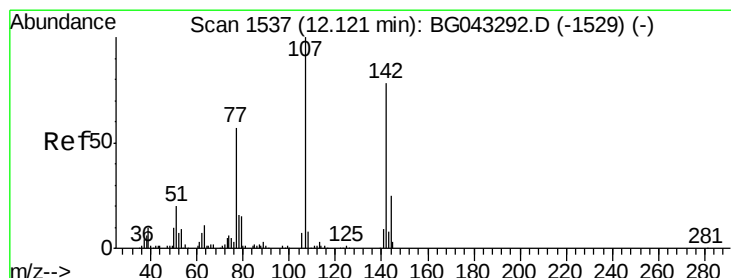
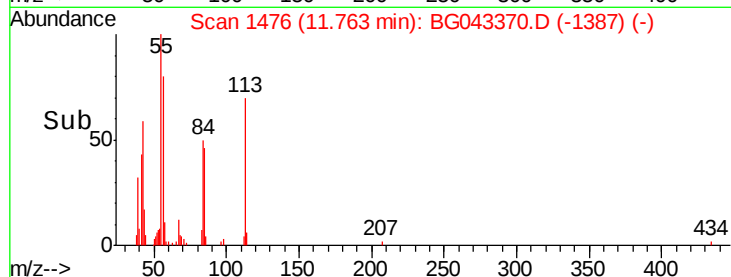
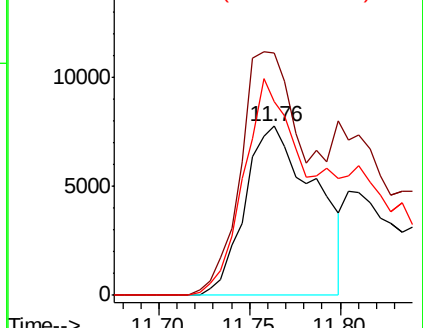
56 114.4 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.404 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

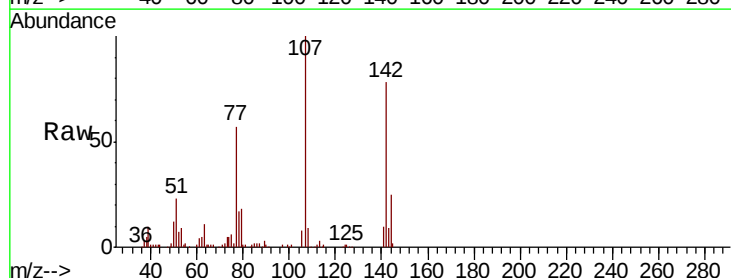
Tgt Ion:107 Resp: 118913

Ion Ratio Lower Upper

107 100

144 25.3 19.9 29.9

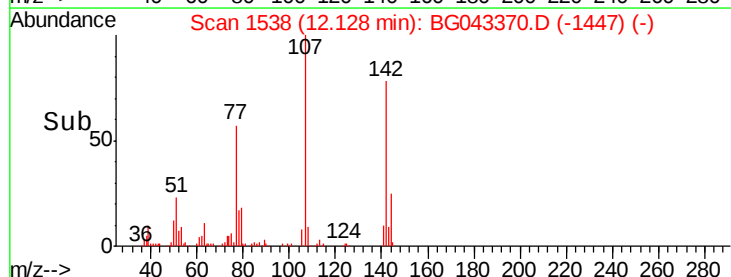
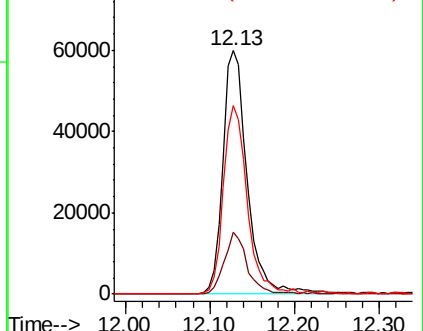
142 77.6 62.1 93.1



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

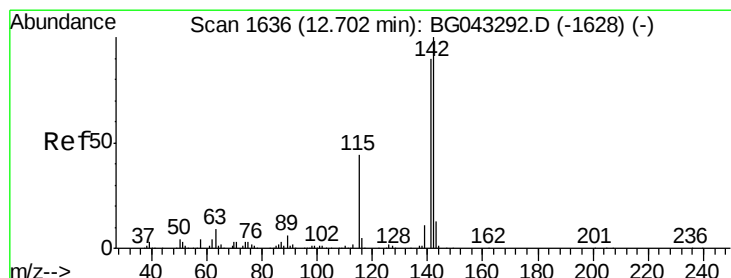
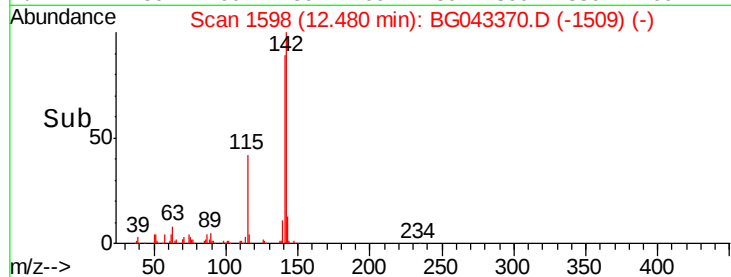
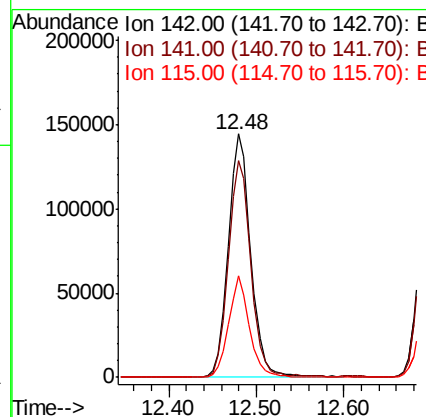
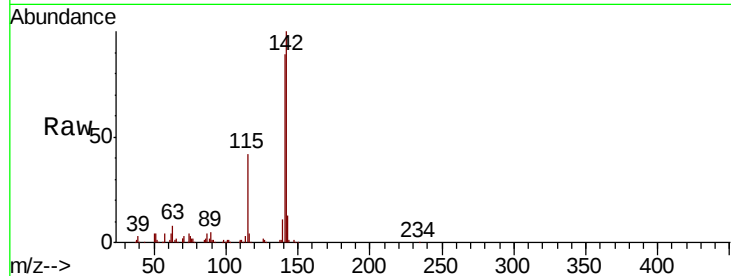




#37
2-Methylnaphthalene
Concen: 41.592 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

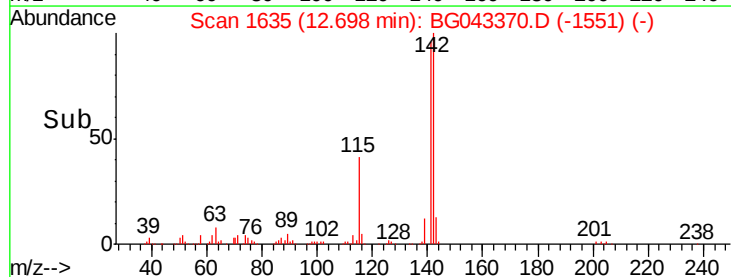
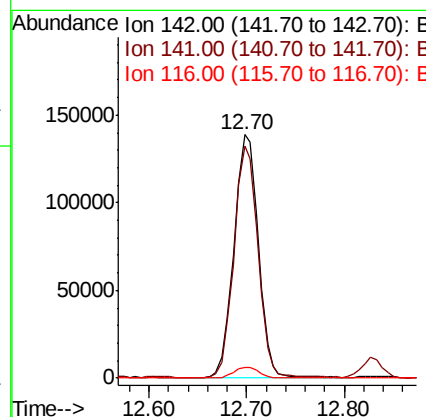
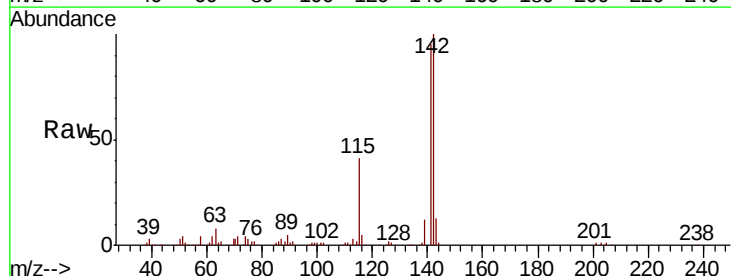
Instrument :
BNA_G
ClientSampleId :

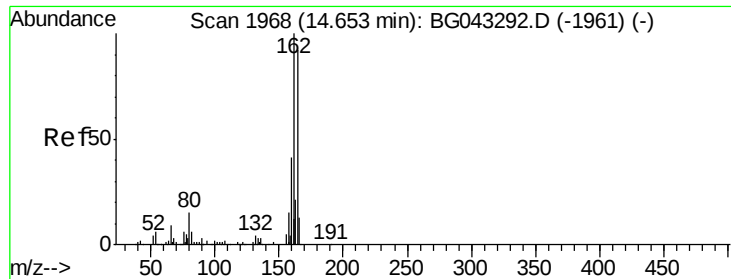
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.7	104.5
115	41.6	30.6	46.0



#38
1-Methylnaphthalene
Concen: 41.256 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	72.3	108.5
116	4.6	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

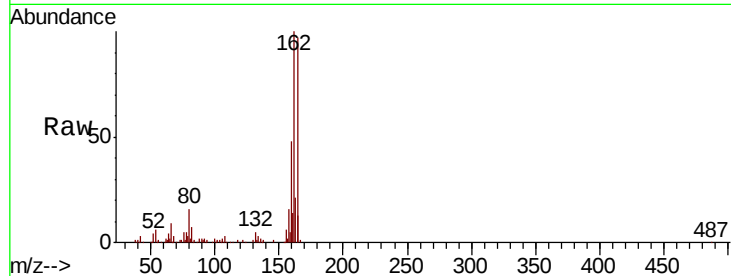
Tot Ion:164 Resp: 111623

Ion Ratio Lower Upper

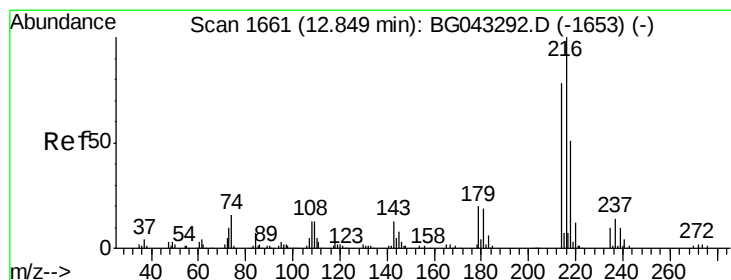
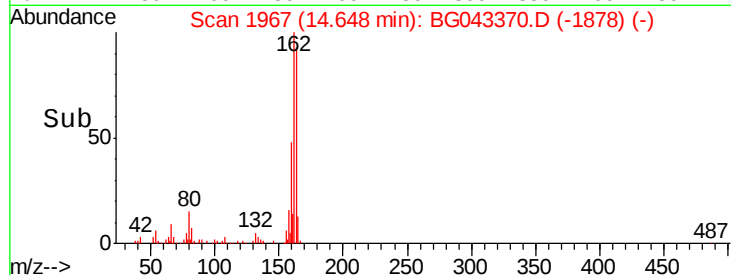
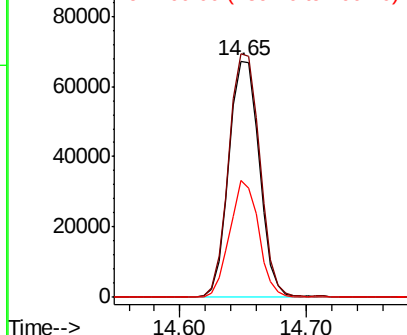
164 100

162 103.1 87.0 130.4

160 49.8 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: 39.466 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:216 Resp: 163036

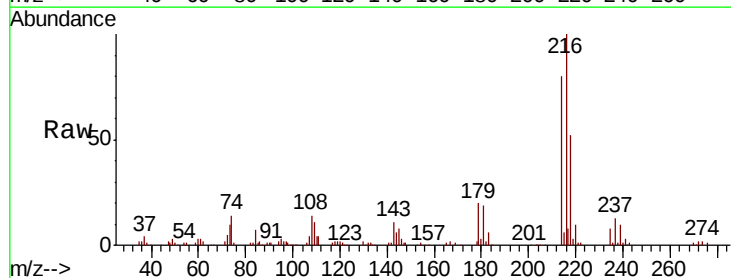
Ion Ratio Lower Upper

216 100

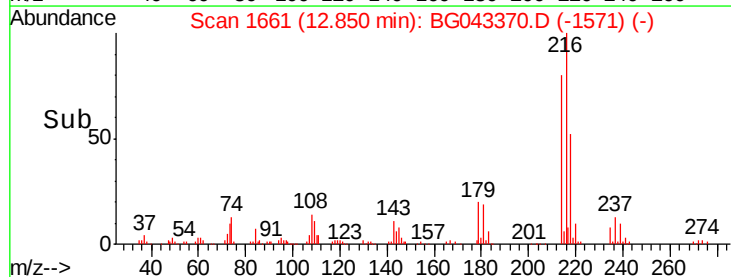
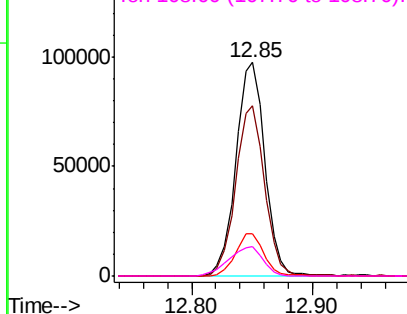
214 79.9 63.5 95.3

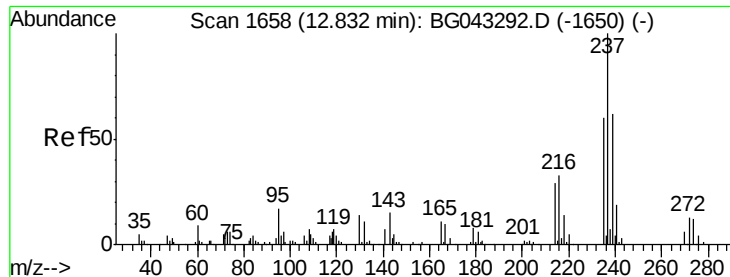
179 19.4 16.2 24.2

108 16.3 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: 83.838 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

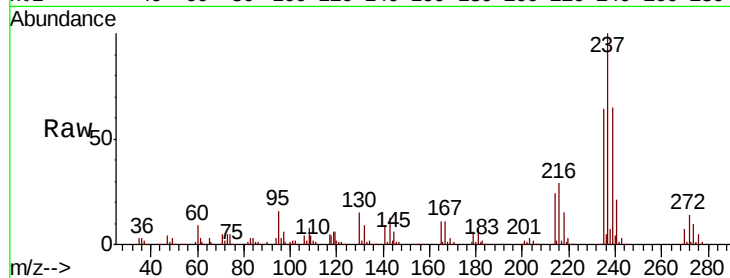
Tot Ion:237 Resp: 181932

Ion Ratio Lower Upper

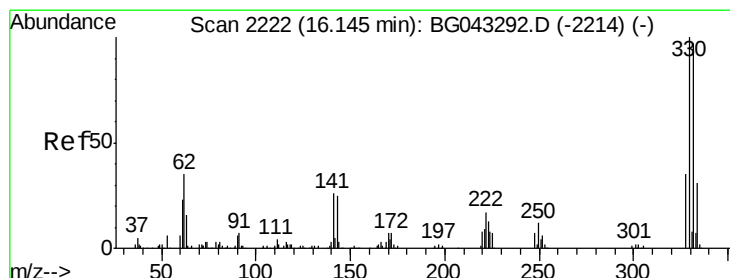
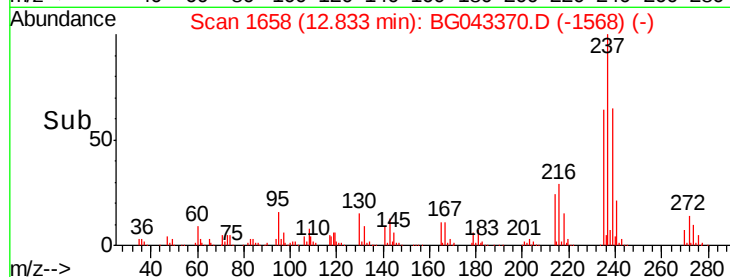
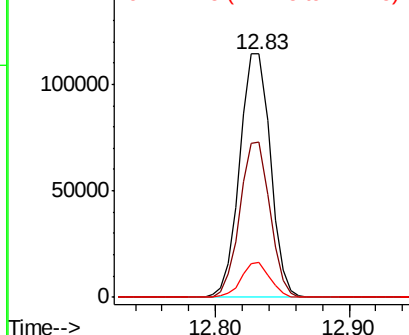
237 100

235 63.5 40.3 80.3

272 14.2 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: 108.674 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

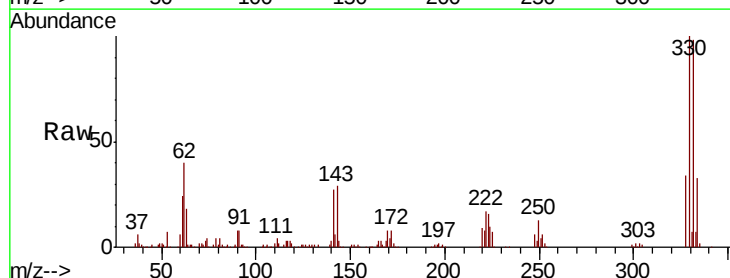
Tgt Ion:330 Resp: 230844

Ion Ratio Lower Upper

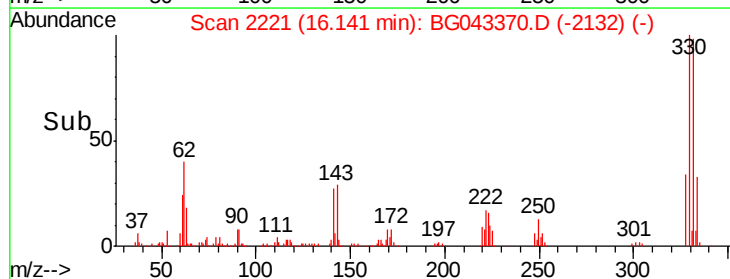
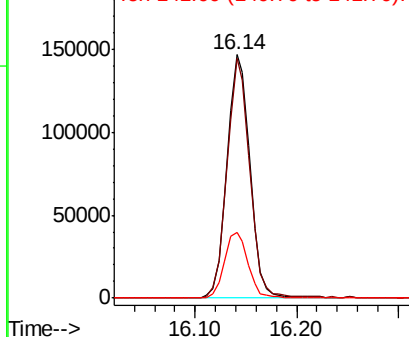
330 100

332 97.6 76.4 114.6

141 27.8 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

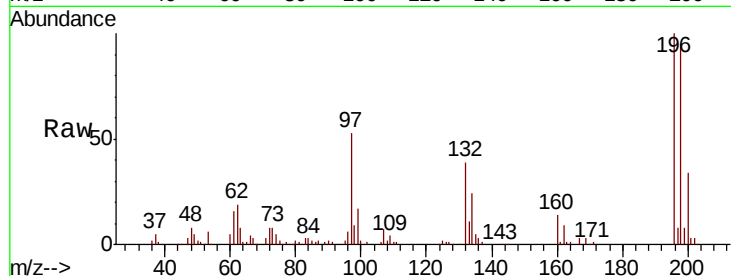




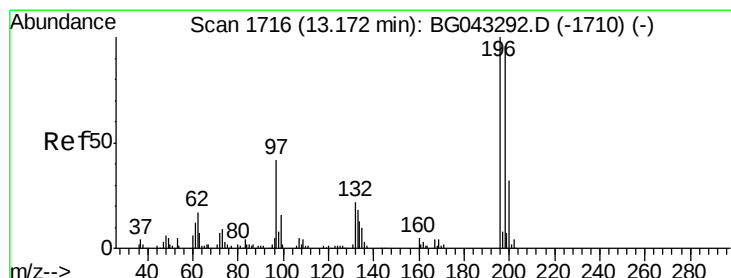
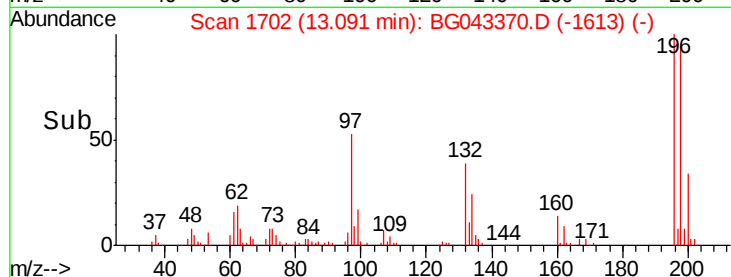
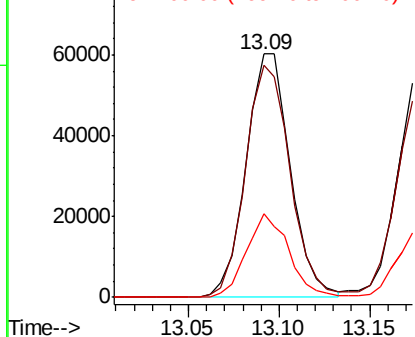
#43
 2,4,6-Trichlorophenol
 Concen: 42.288 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 102878
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.0 115.4
 200 34.2 27.4 41.2

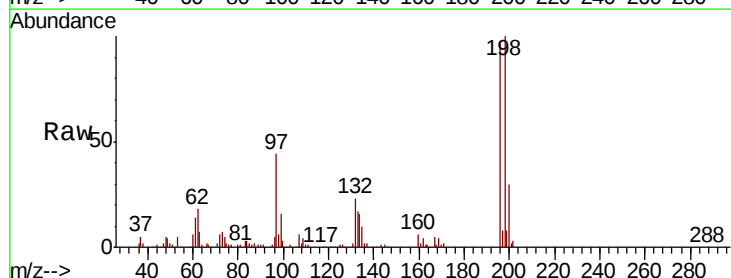


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

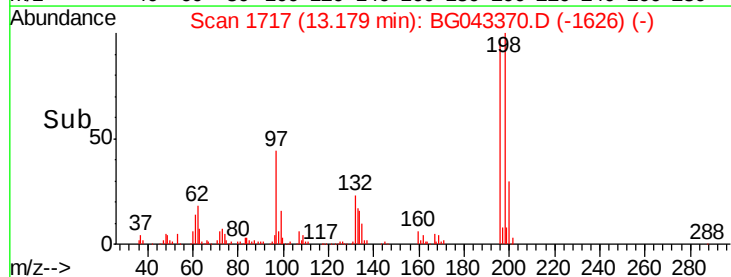
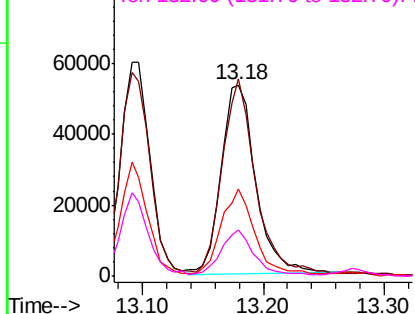


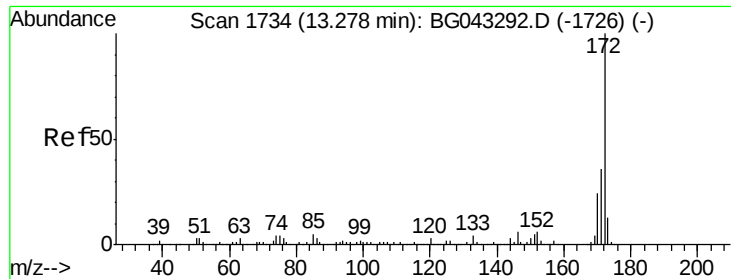
#44
 2,4,5-Trichlorophenol
 Concen: 43.207 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion:196 Resp: 106268
 Ion Ratio Lower Upper
 196 100
 198 102.9 76.6 114.8
 97 45.3 34.1 51.1
 132 24.0 18.2 27.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

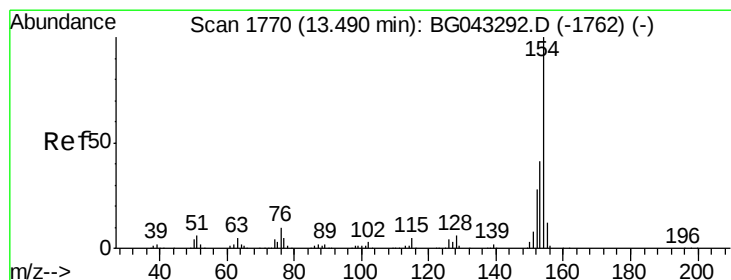
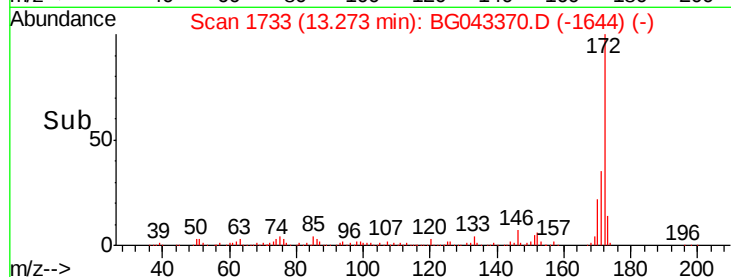
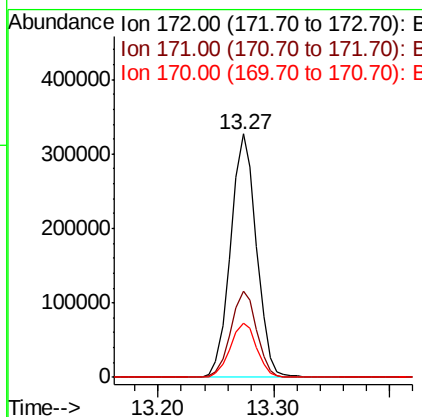
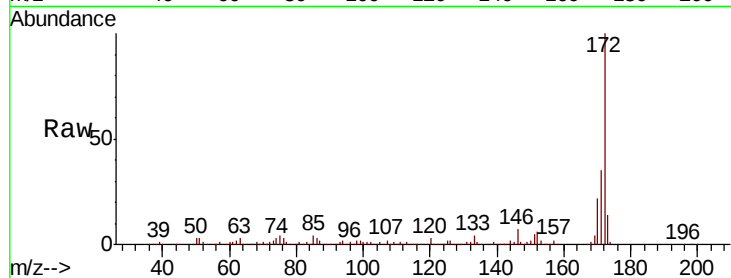




#45
 2-Fluorobiphenyl
 Concen: 62.758 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

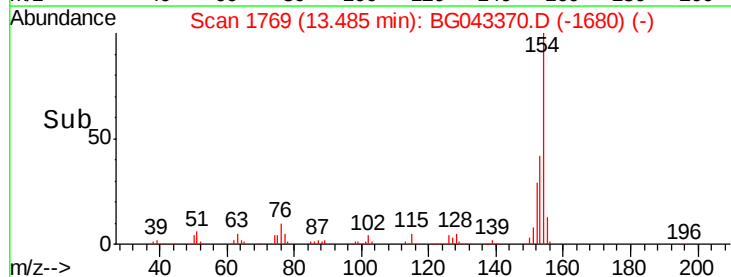
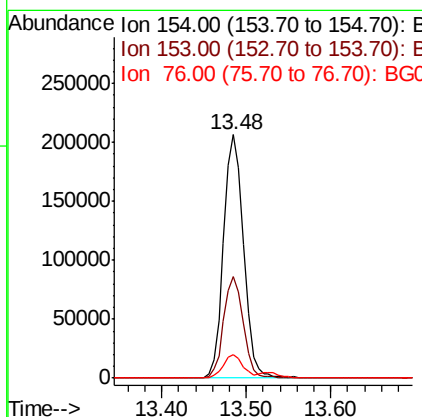
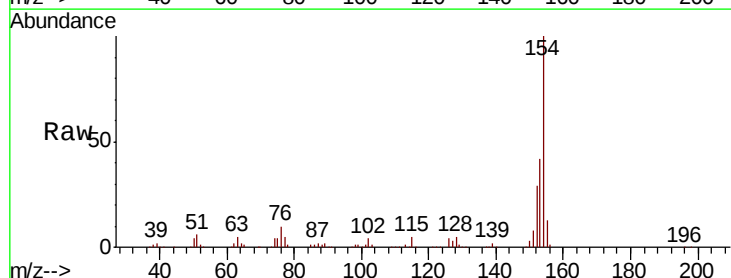
Instrument :
 BNA_G
 ClientSampleId :

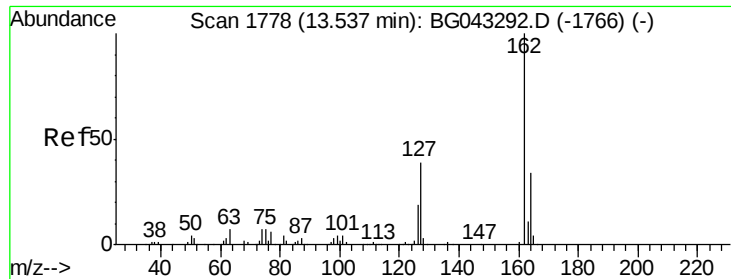
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	22.3	18.8	28.2



#46
 1,1'-Biphenyl
 Concen: 39.907 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.0	61.0
76	9.8	0.0	29.8

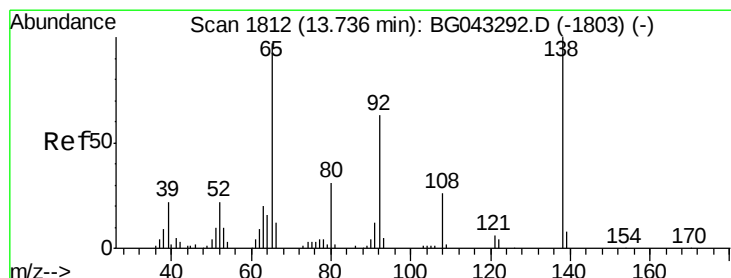
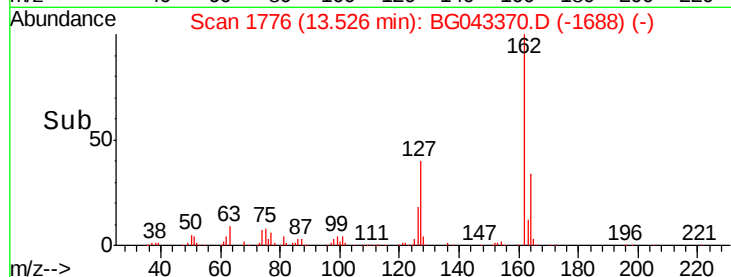
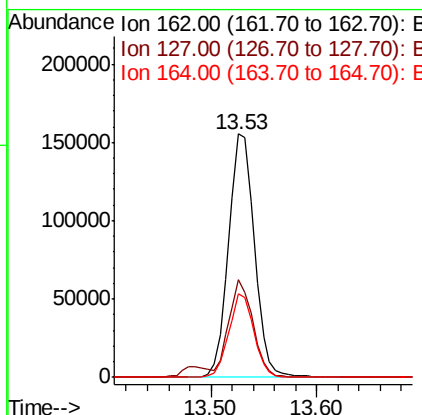
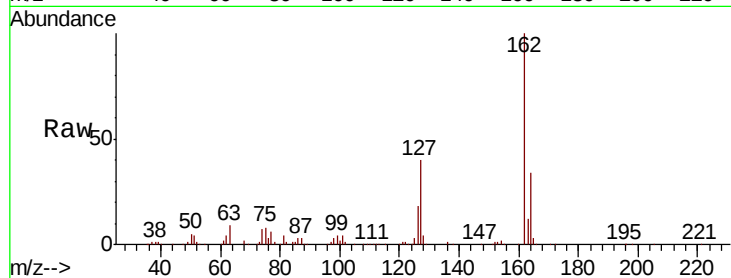




#47
2-Chloronaphthalene
Concen: 40.656 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

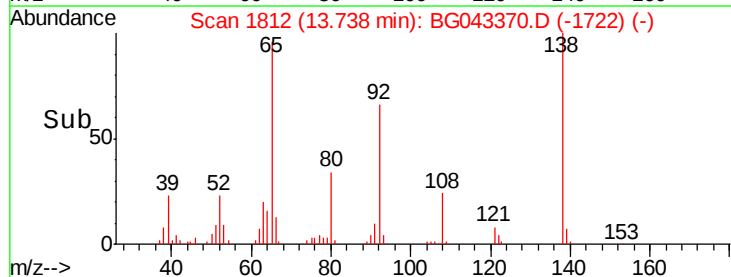
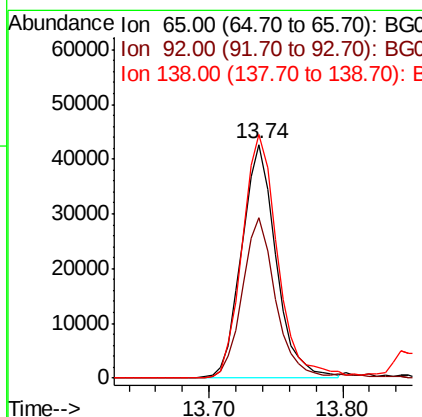
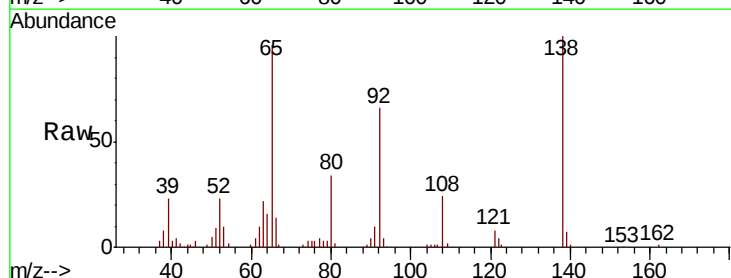
Instrument :
BNA_G
ClientSampleId :

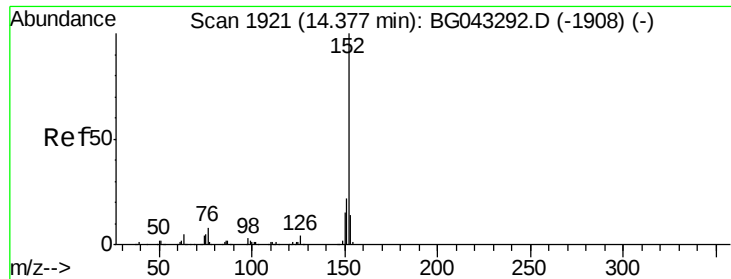
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.3	46.9
164	34.2	26.8	40.2



#48
2-Nitroaniline
Concen: 39.325 ng
RT: 13.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.6	79.0
138	104.2	82.9	124.3





#49

Acenaphthylene

Concen: 42.240 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

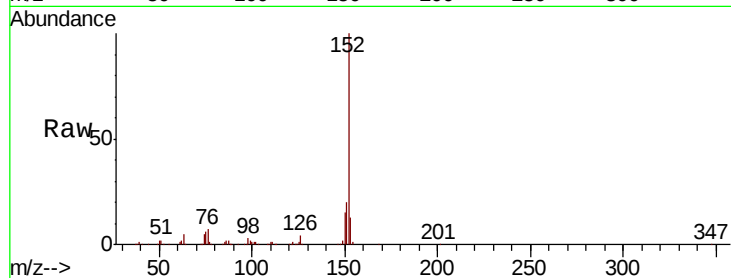
Tot Ion:152 Resp: 424752

Ion Ratio Lower Upper

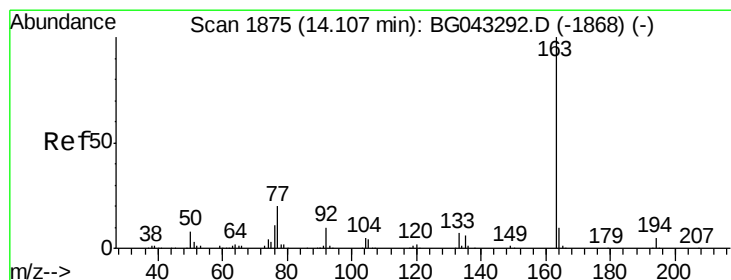
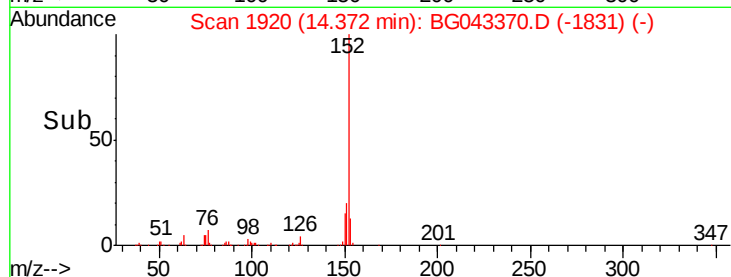
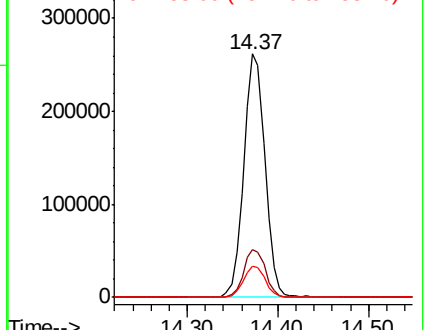
152 100

151 19.7 17.2 25.8

153 13.0 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: 39.197 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

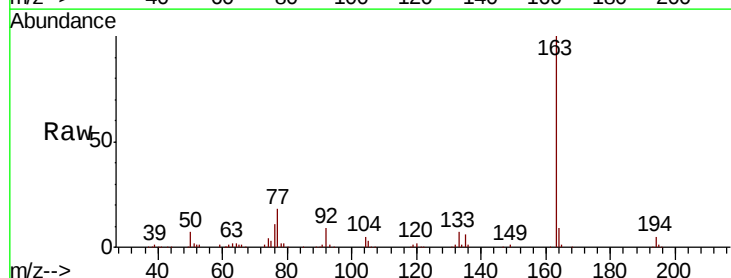
Tgt Ion:163 Resp: 338894

Ion Ratio Lower Upper

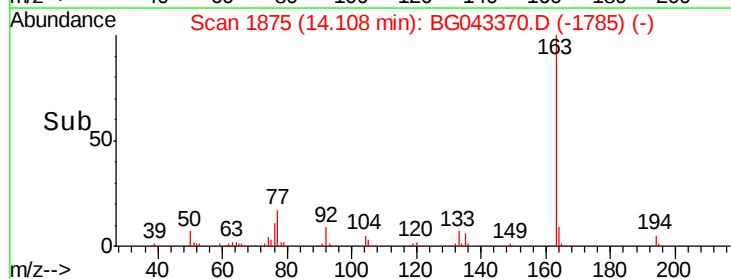
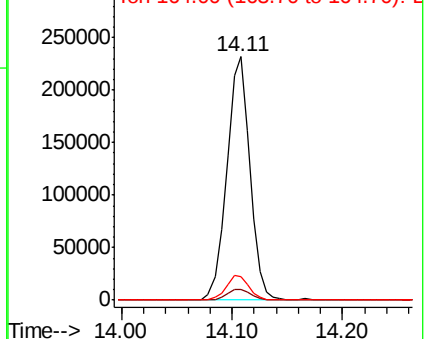
163 100

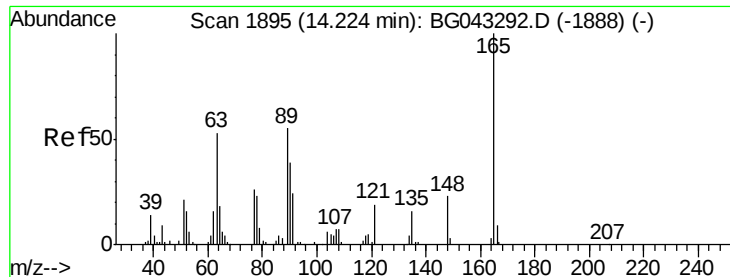
194 4.5 3.7 5.5

164 9.4 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

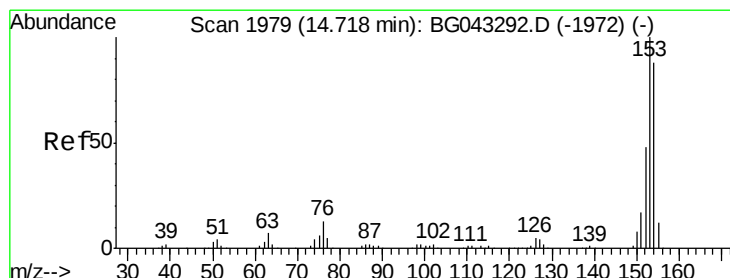
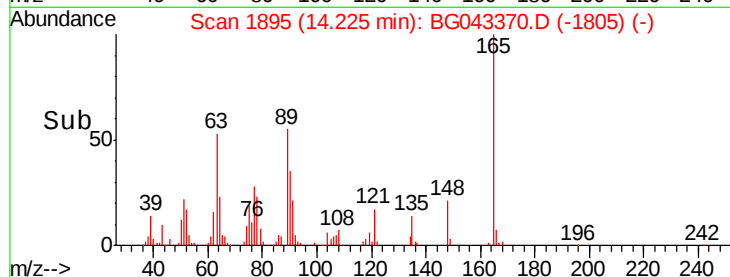
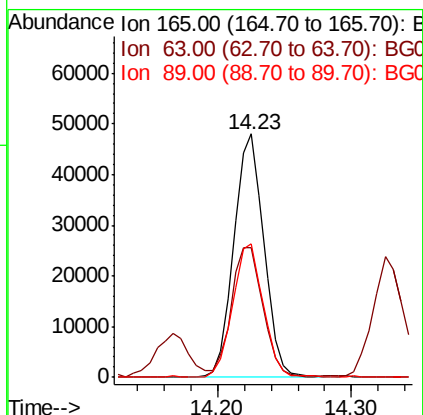
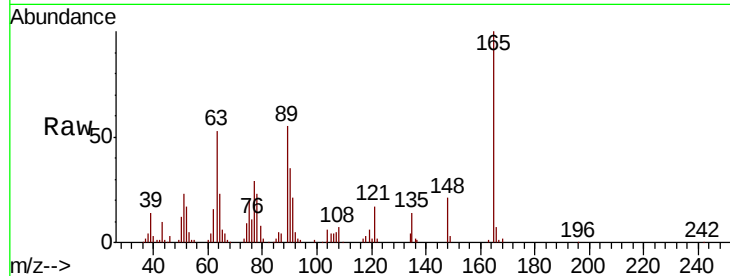




#51
2,6-Dinitrotoluene
Concen: 39.951 ng
RT: 14.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

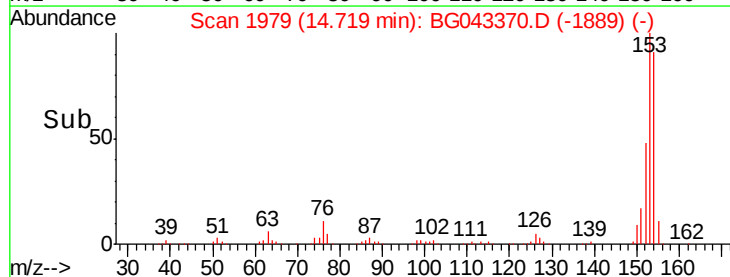
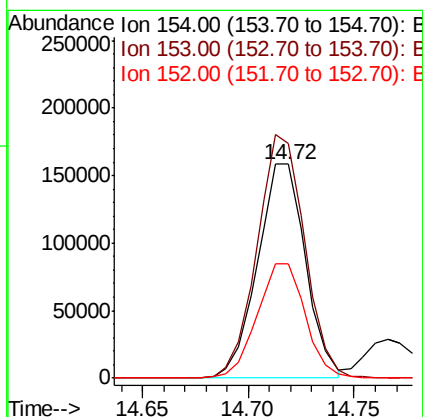
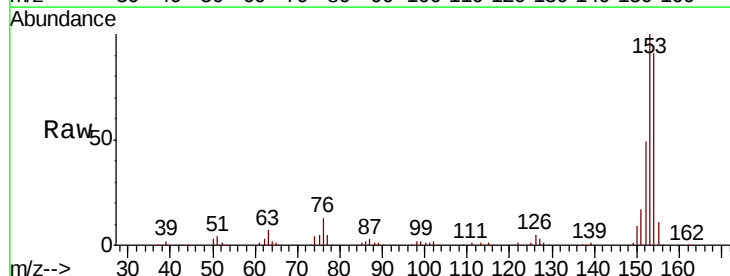
Instrument :
BNA_G
ClientSampleId :

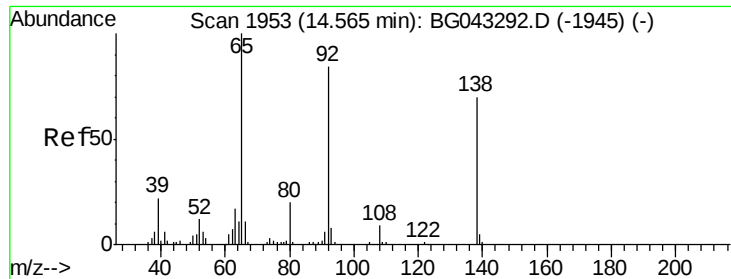
Tot Ion:165 Resp: 75041
Ion Ratio Lower Upper
165 100
63 53.4 47.1 70.7
89 54.7 43.7 65.5



#52
Acenaphthene
Concen: 40.841 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion:154 Resp: 250448
Ion Ratio Lower Upper
154 100
153 109.7 90.9 136.3
152 53.3 43.9 65.9

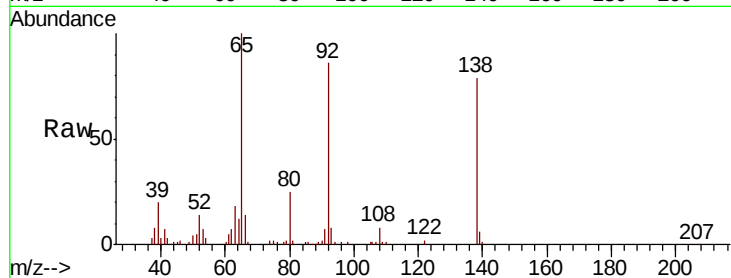




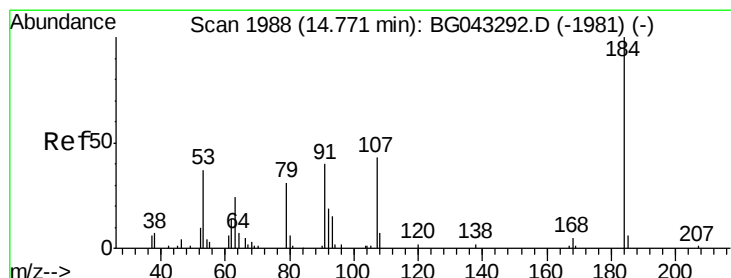
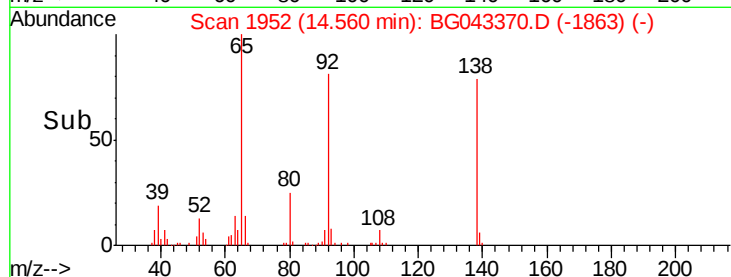
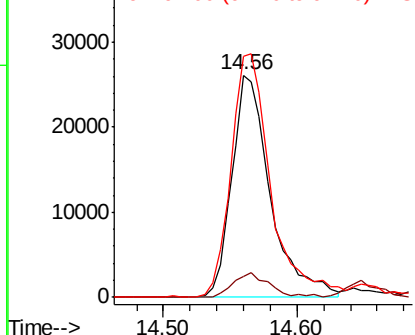
#53
3-Nitroaniline
Concen: 28.898 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 52406
Ion Ratio Lower Upper
138 100
108 9.7 9.8 14.6#
92 108.4 95.8 143.6

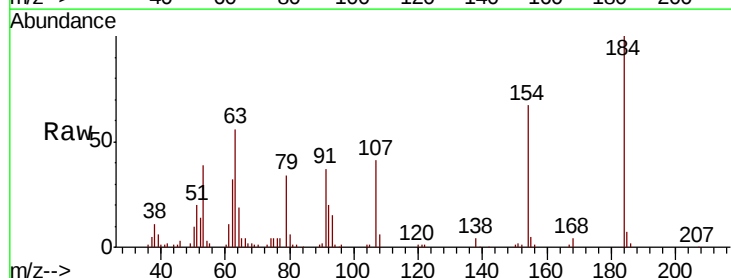


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

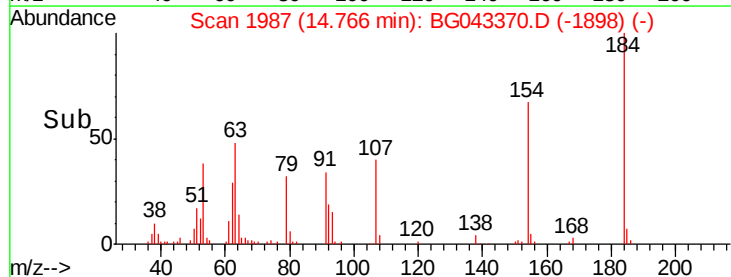
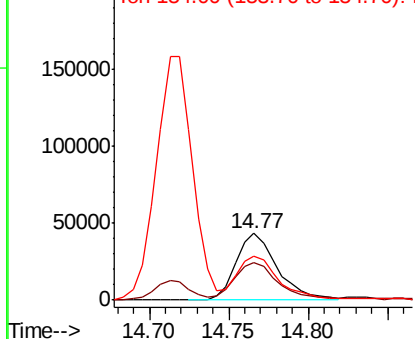


#54
2,4-Dinitrophenol
Concen: 68.074 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion:184 Resp: 78444
Ion Ratio Lower Upper
184 100
63 56.4 48.8 73.2
154 66.5 49.4 74.0



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

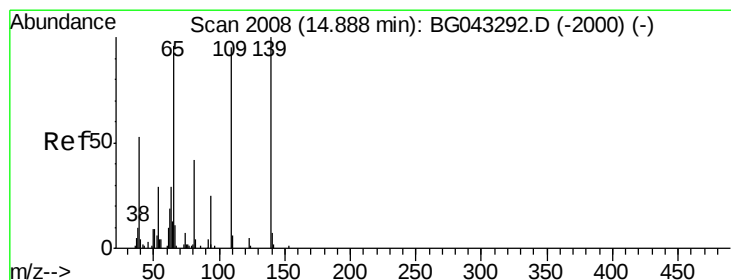
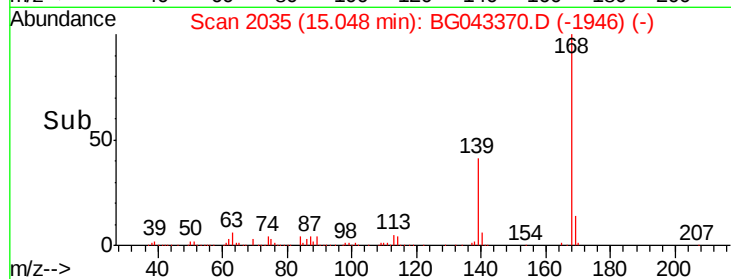
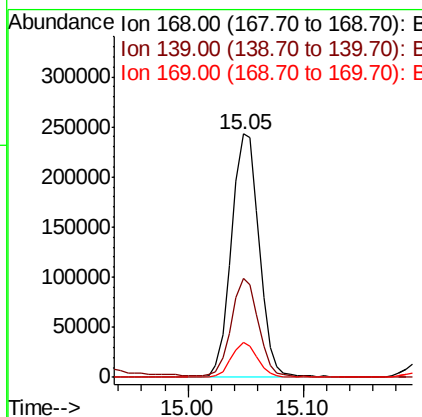
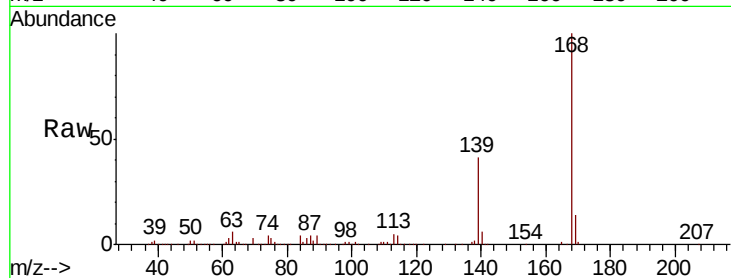




#55
Dibenzenofuran
Concen: 40.766 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

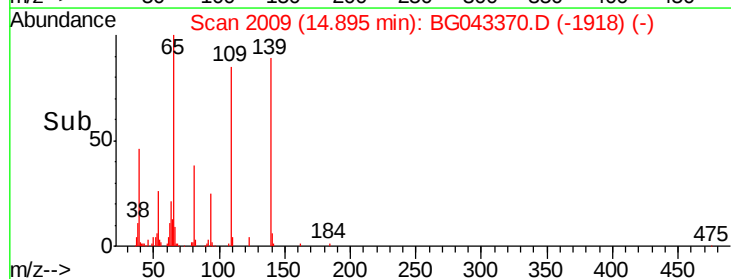
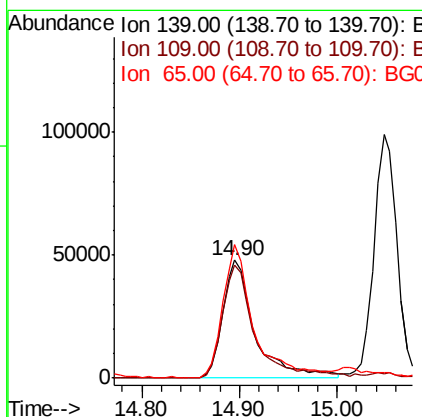
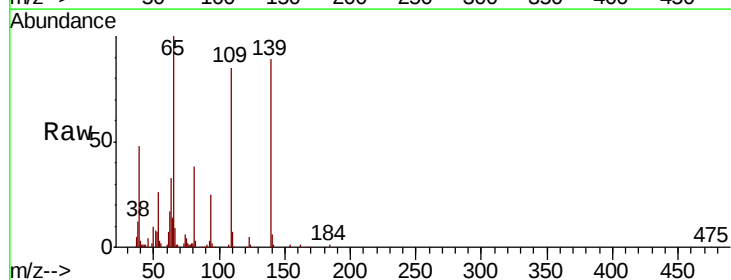
Instrument :
BNA_G
ClientSampleId :

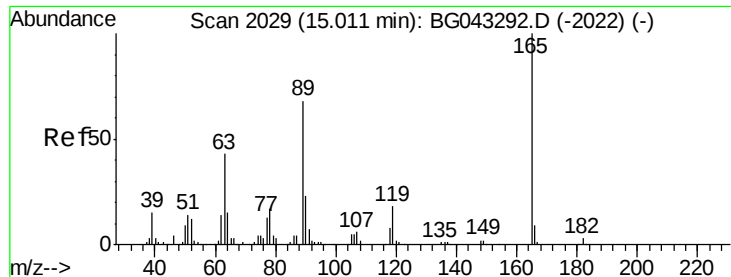
Tot Ion:168 Resp: 405398
Ion Ratio Lower Upper
168 100
139 40.7 31.7 47.5
169 14.2 11.0 16.4



#56
4-Nitrophenol
Concen: 90.591 ng
RT: 14.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion:139 Resp: 110092
Ion Ratio Lower Upper
139 100
109 96.2 75.4 115.4
65 112.9 76.6 116.6

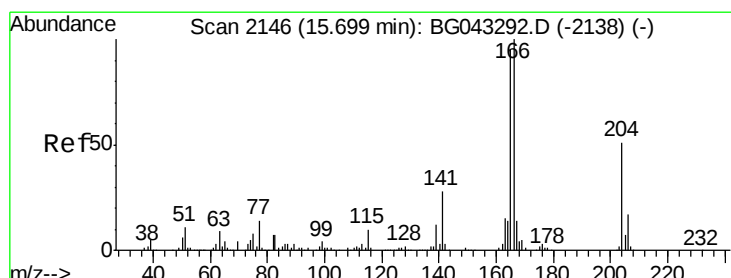
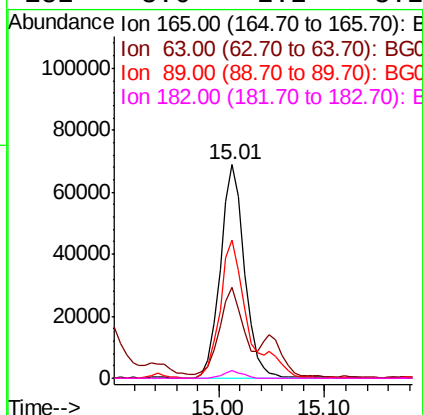
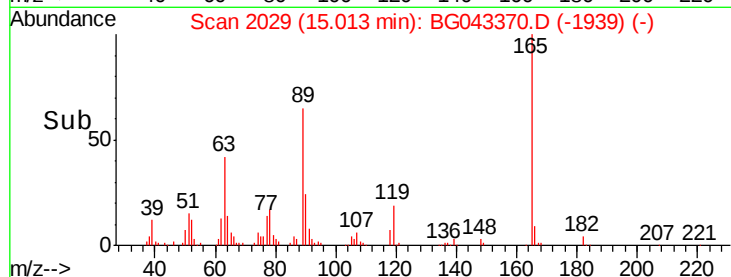
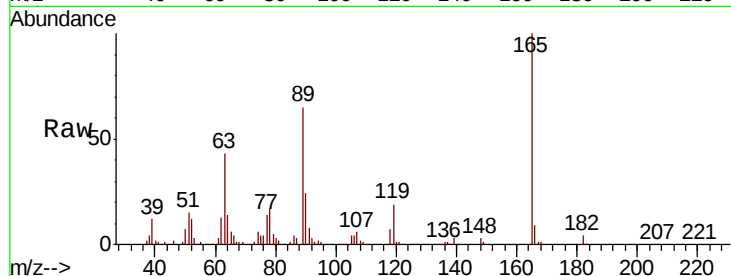




#57
 2,4-Dinitrotoluene
 Concen: 41.019 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

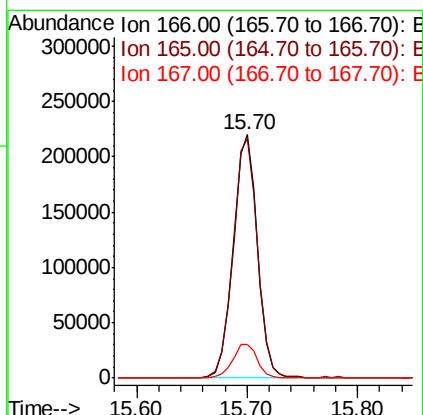
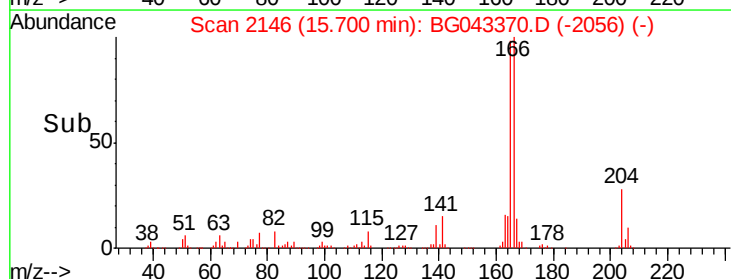
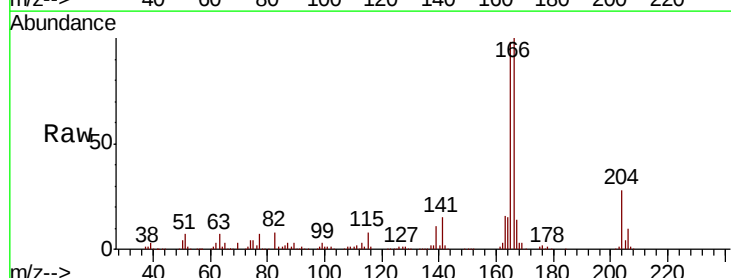
Instrument :
 BNA_G
 ClientSampleId :

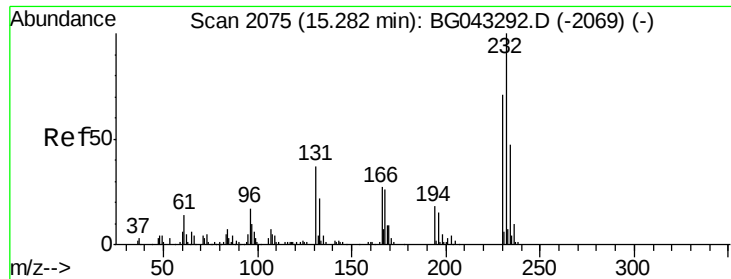
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	35.0	52.6
89	64.5	54.1	81.1
182	3.6	2.2	3.2#



#58
 Fluorene
 Concen: 40.477 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.4	114.6
167	14.0	11.1	16.7

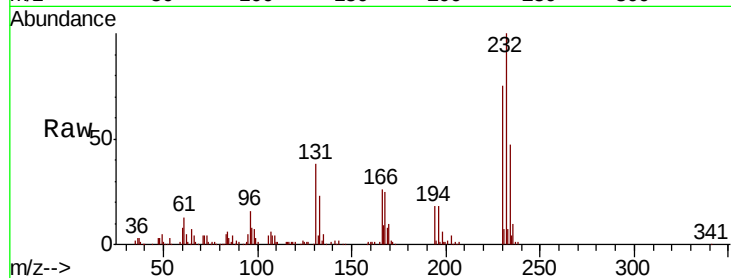




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.614 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.7	28.7	43.1
130	0.7	0.6	0.8
166	27.1	21.1	31.7



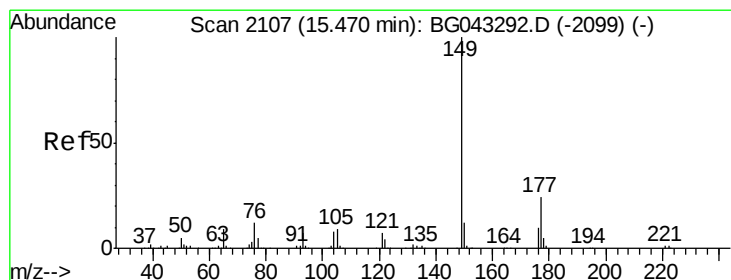
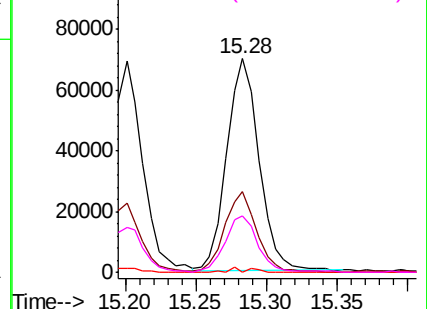
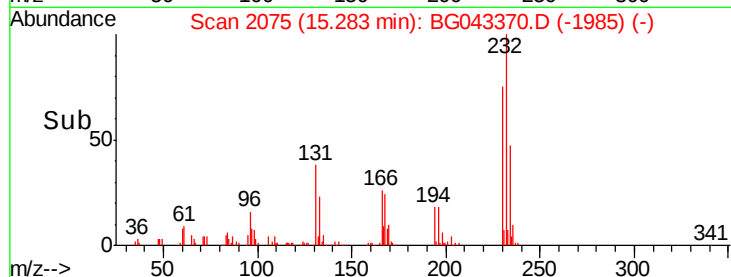
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

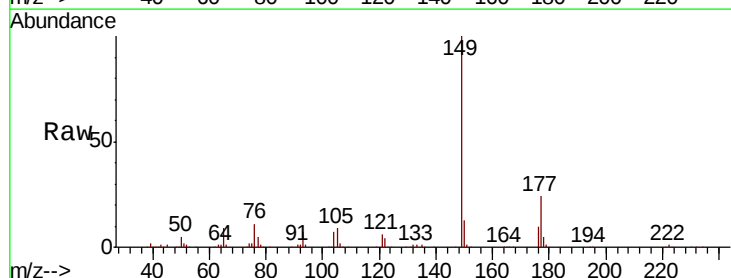
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.420 ng
 RT: 15.47 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.0	28.4
150	12.9	9.4	14.0

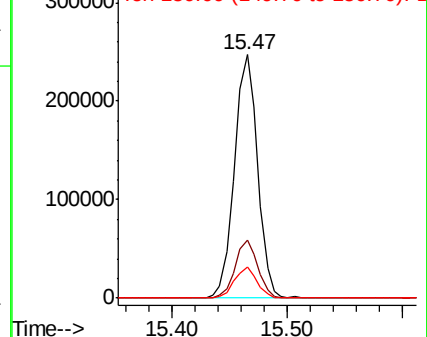
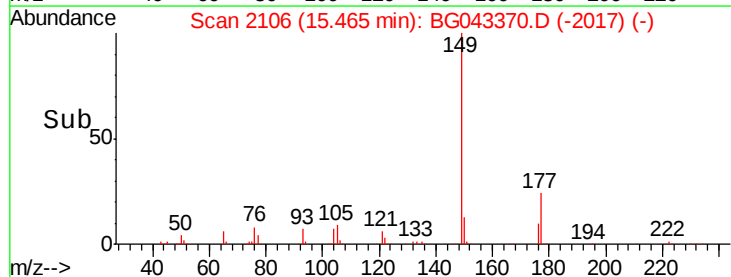


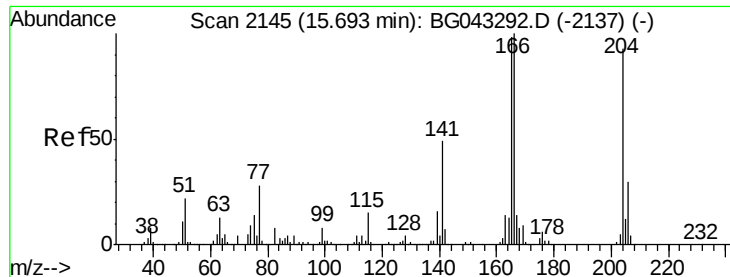
Abundance

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

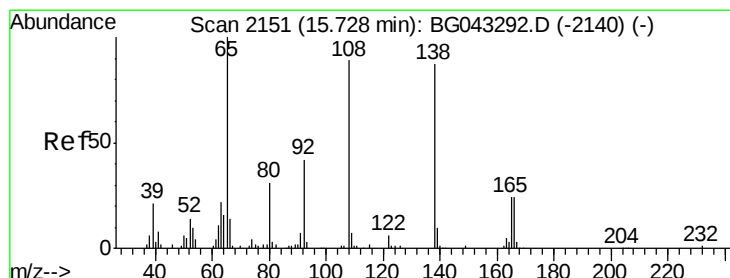
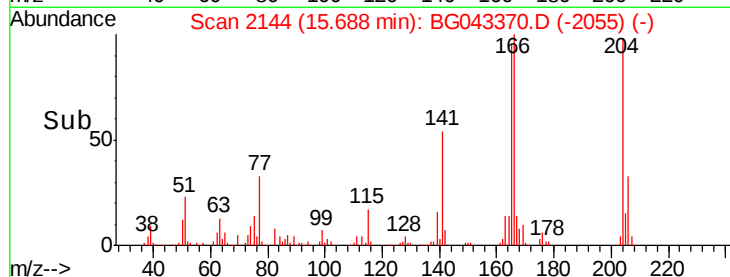
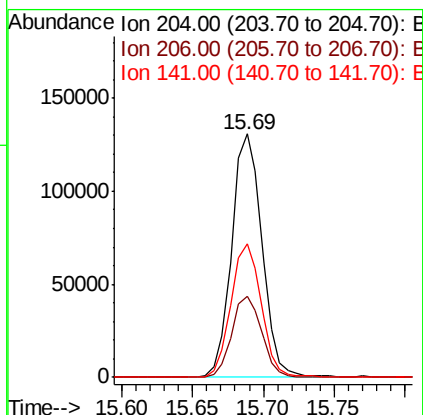
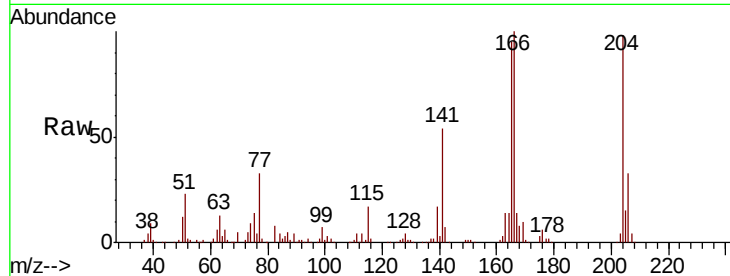




#61
 4-Chlorophenyl-phenylether
 Concen: 40.150 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

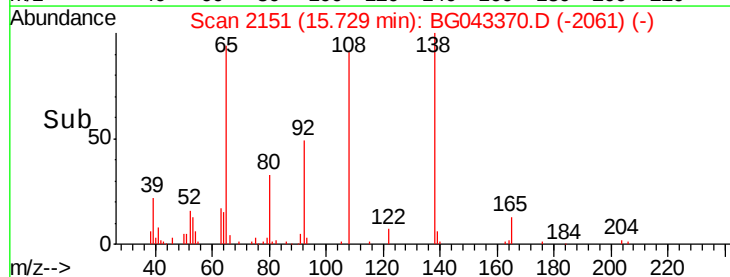
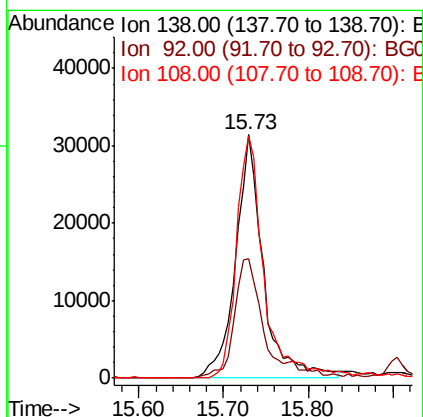
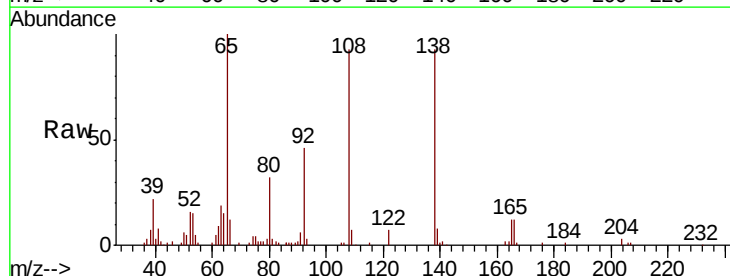
Instrument :
 BNA_G
 ClientSampleId :

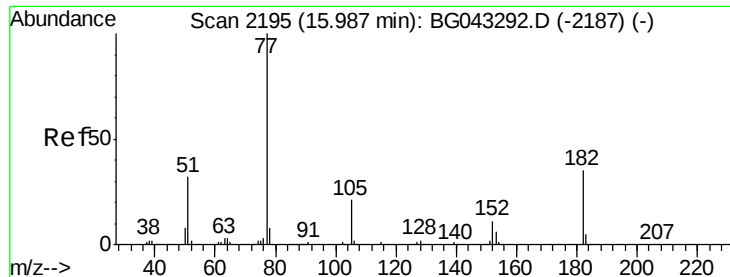
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.7	38.5
141	54.8	42.3	63.5



#62
 4-Nitroaniline
 Concen: 37.931 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	28.8	68.8
108	99.5	82.7	122.7

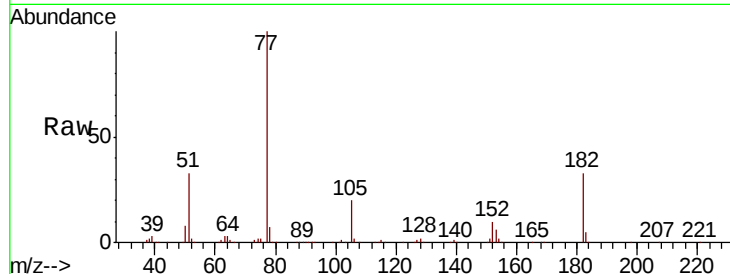




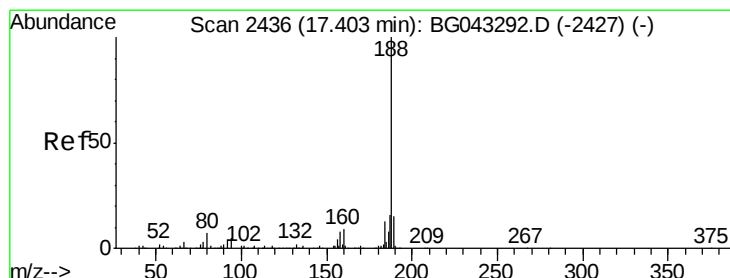
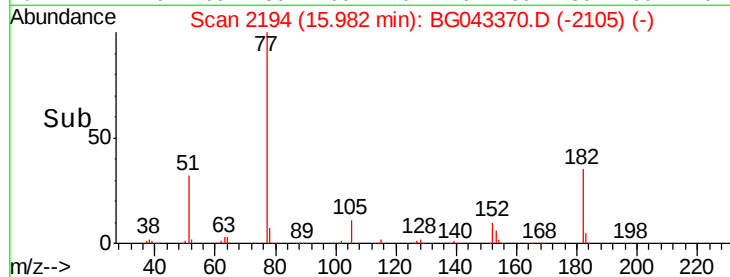
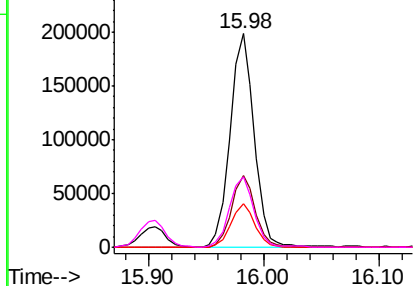
#63
Azobenzene
Concen: 40.524 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	284919
Ion	Ratio	Lower	Upper
77	100		
182	33.4	14.9	54.9
105	20.2	0.6	40.6
51	33.1	12.5	52.5

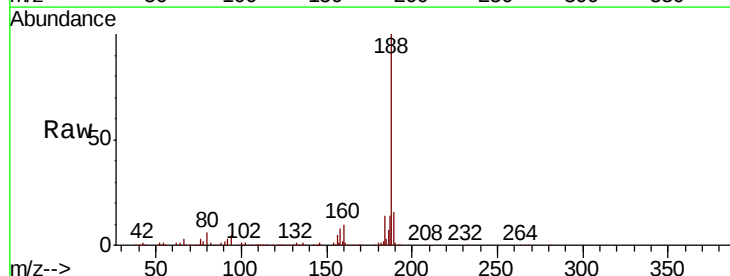


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

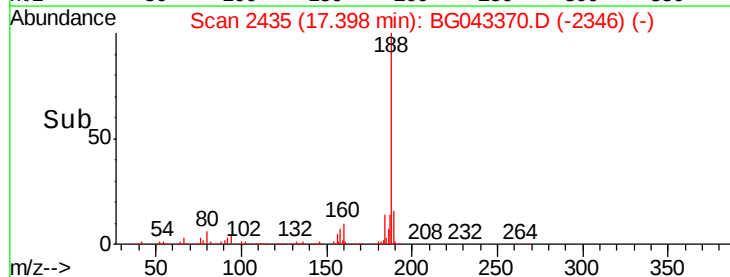
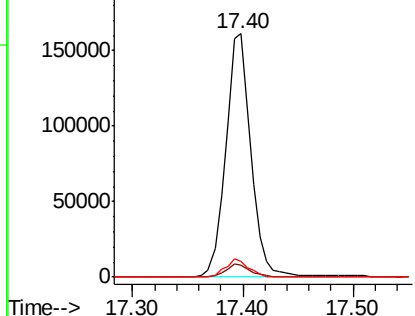


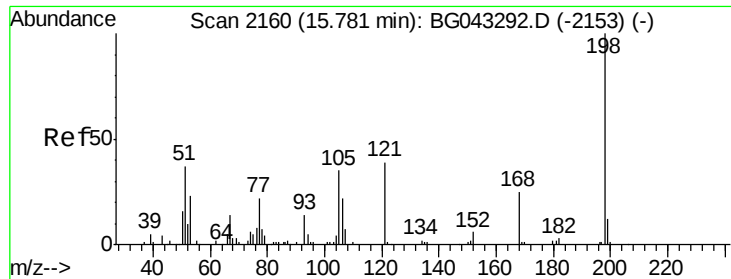
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion:	188	Resp:	257673
Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.2	6.2
80	6.2	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: 42.951 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampled :

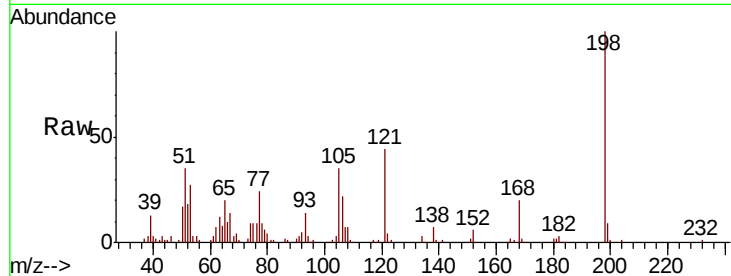
Tot Ion:198 Resp: 65131

Ion Ratio Lower Upper

198 100

51 34.6 21.4 61.4

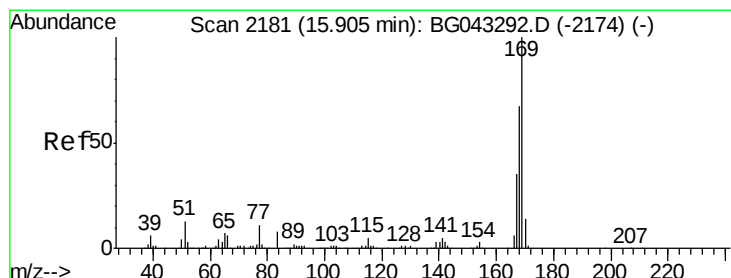
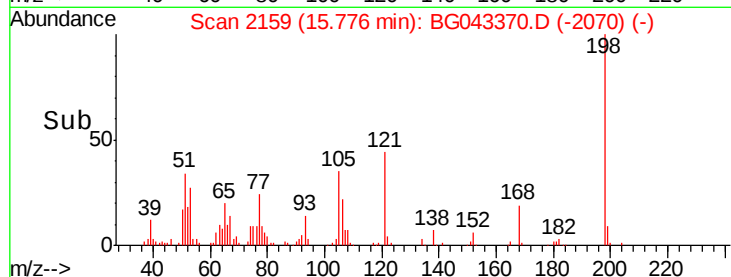
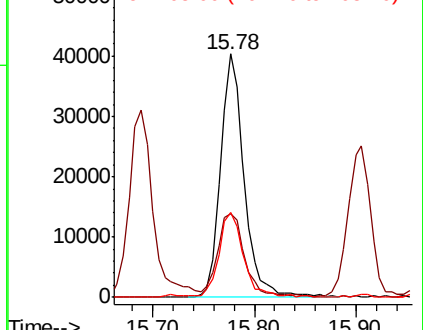
105 35.1 16.5 56.5



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: 41.041 ng

RT: 15.91 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

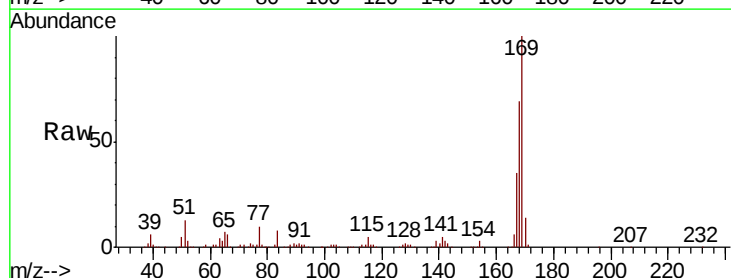
Tgt Ion:169 Resp: 298567

Ion Ratio Lower Upper

169 100

168 69.3 53.9 80.9

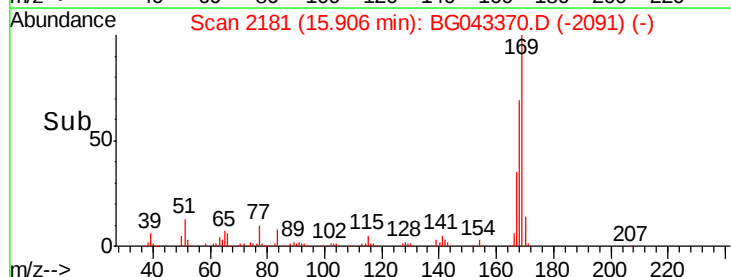
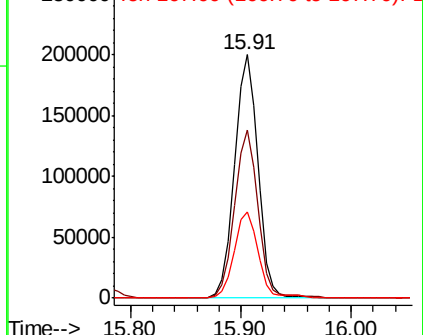
167 35.2 28.3 42.5



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: 39.671 ng

RT: 16.58 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

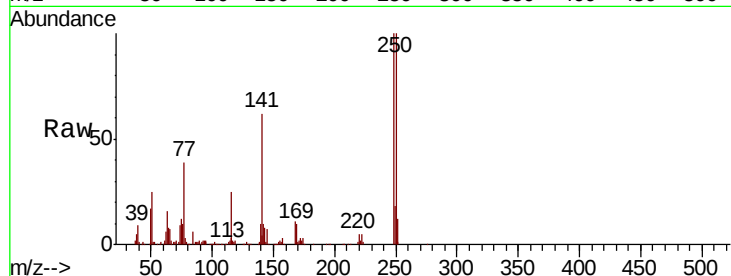
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 137567

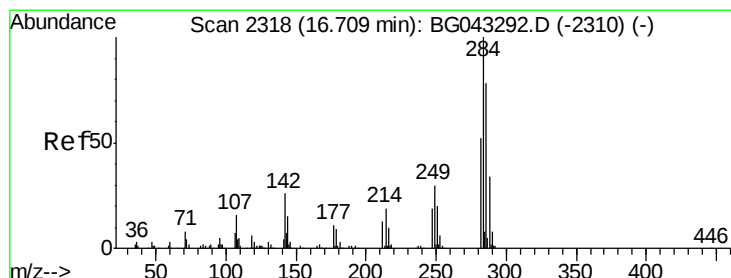
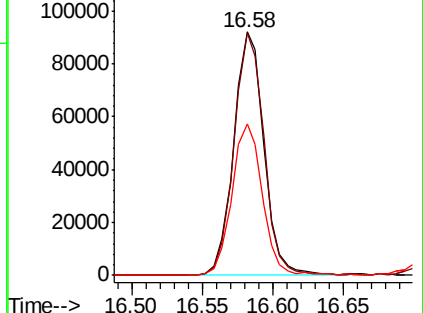
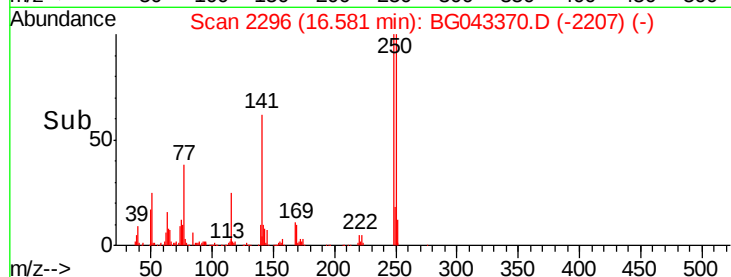
Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.3	118.9
141	62.3	47.9	71.9



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: 38.771 ng

RT: 16.70 min Scan# 2317

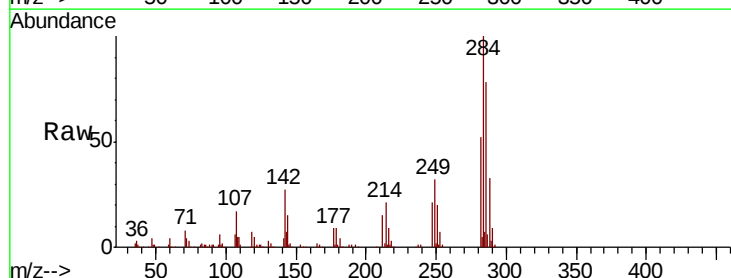
Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:284 Resp: 154327

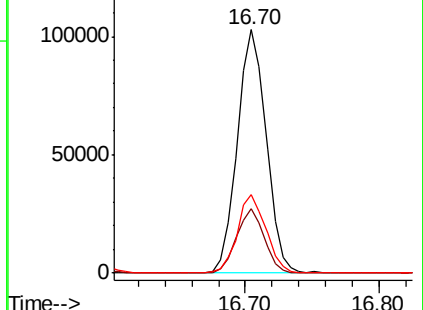
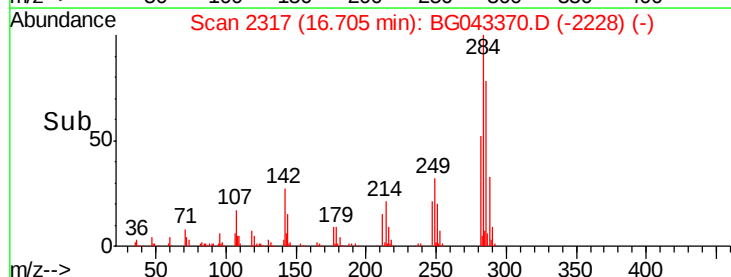
Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.1	31.7
249	32.1	24.4	36.6

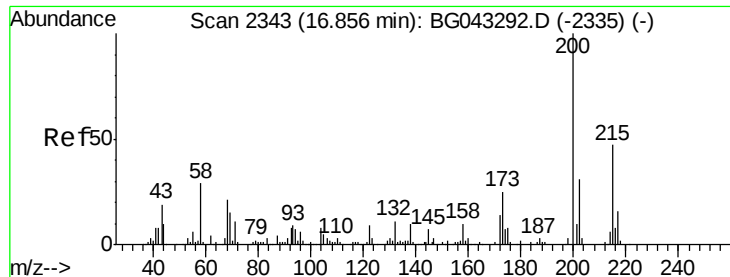


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 51.710 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

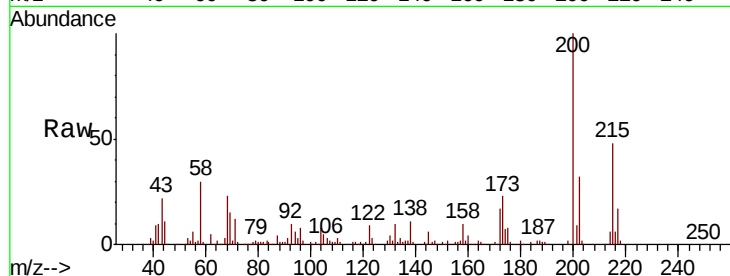
Tot Ion:200 Resp: 130715

Ion Ratio Lower Upper

200 100

173 22.8 5.1 45.1

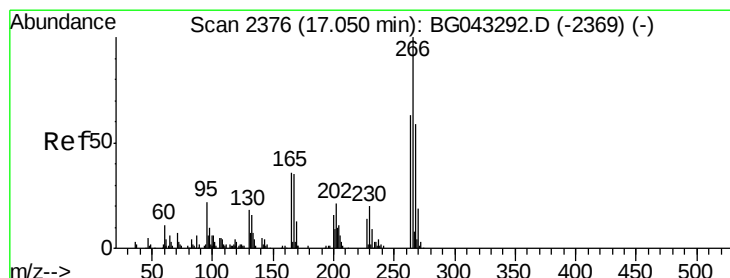
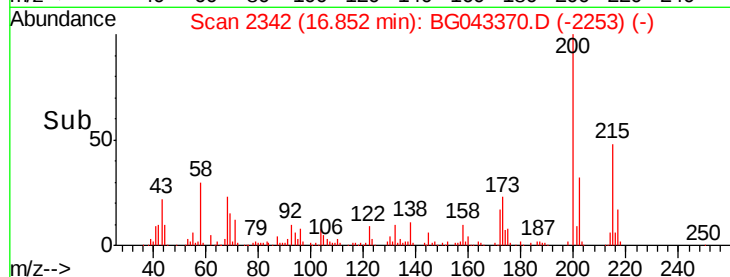
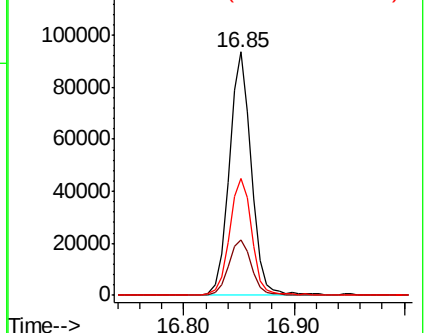
215 48.1 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 95.237 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

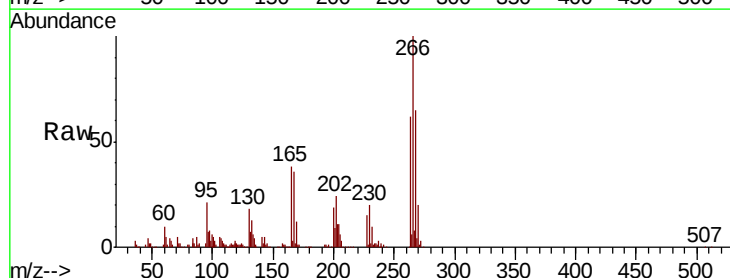
Tgt Ion:266 Resp: 172737

Ion Ratio Lower Upper

266 100

268 64.5 47.1 70.7

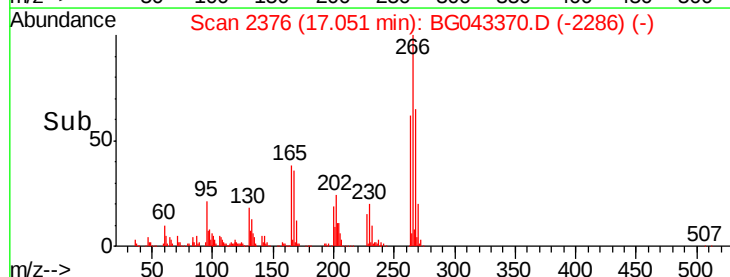
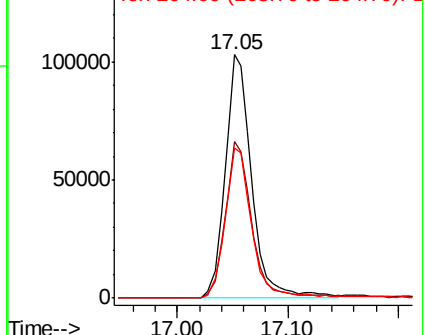
264 61.6 50.4 75.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

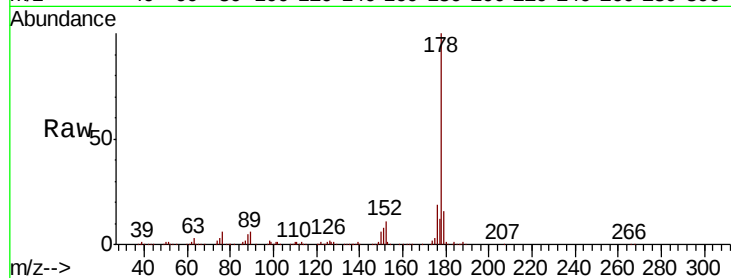




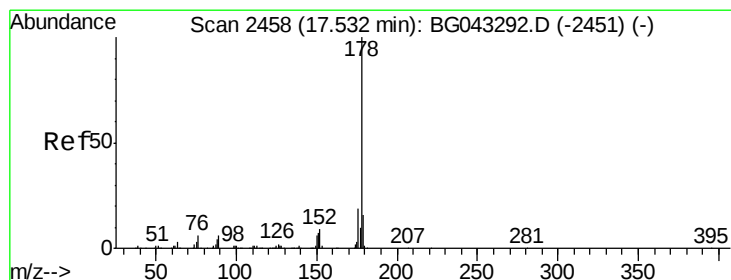
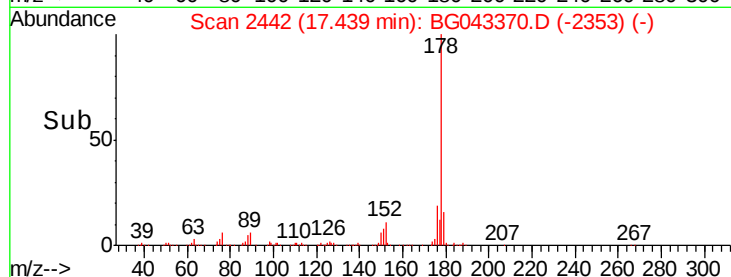
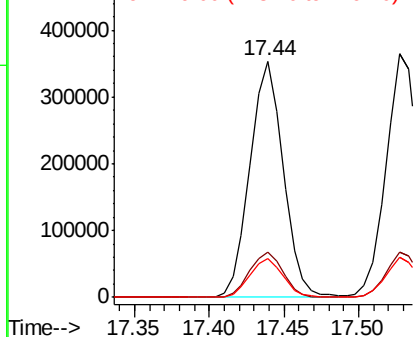
#71
Phenanthrene
Concen: 41.361 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampled :

Tot Ion	178	Resp	545756
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	16.2	13.1	19.7

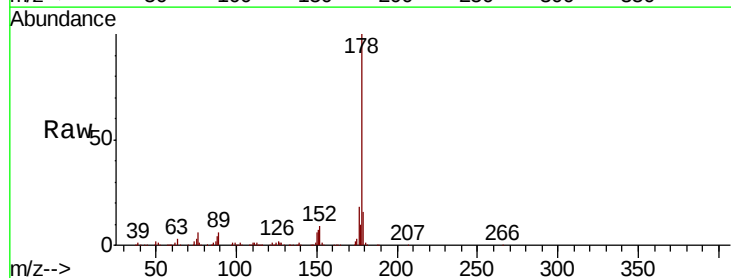


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

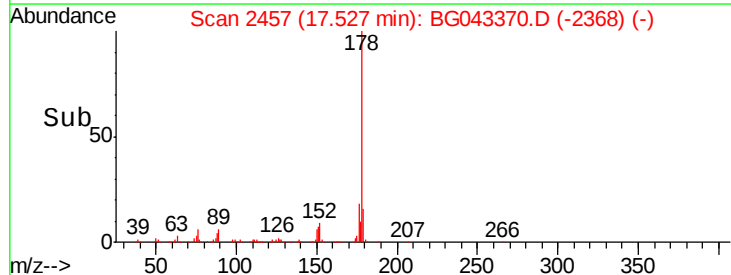
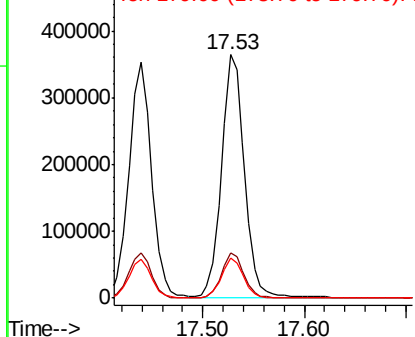


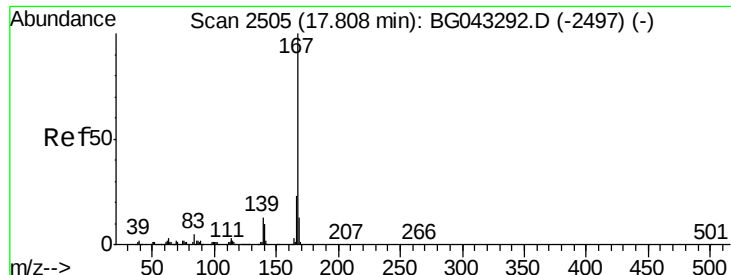
#72
Anthracene
Concen: 43.041 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	178	Resp	568211
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.1	22.7
179	16.4	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.934 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

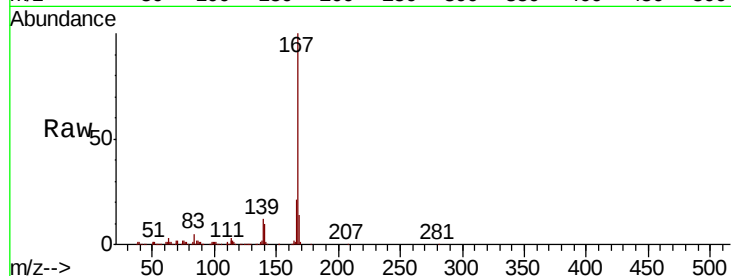
Tot Ion:167 Resp: 513273

Ion Ratio Lower Upper

167 100

166 21.5 18.4 27.6

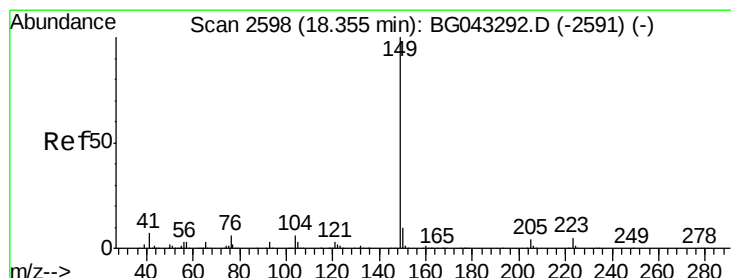
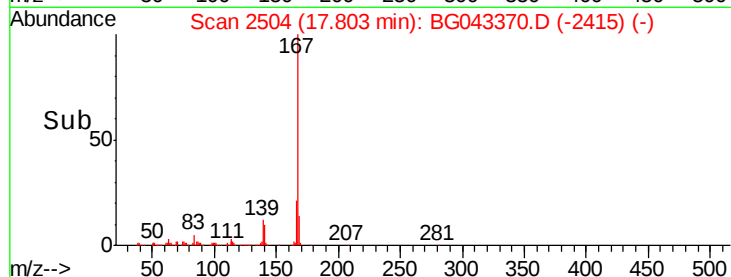
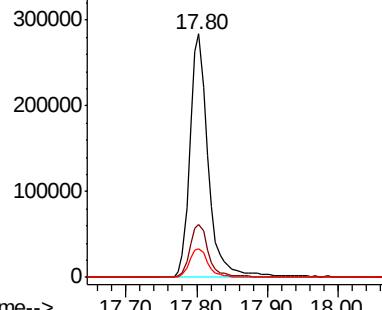
139 12.0 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.935 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

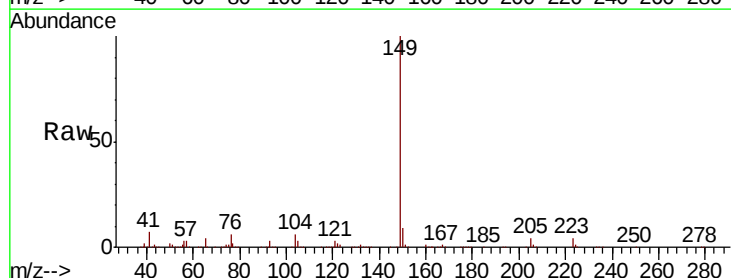
Tgt Ion:149 Resp: 608306

Ion Ratio Lower Upper

149 100

150 9.2 8.0 12.0

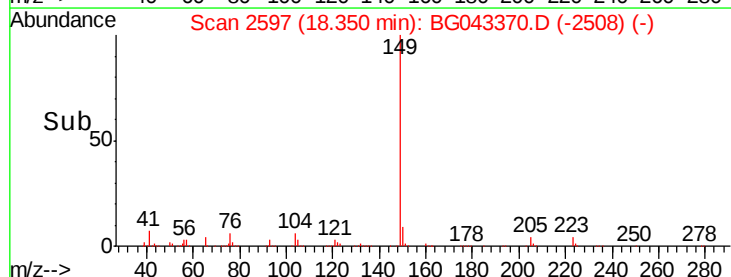
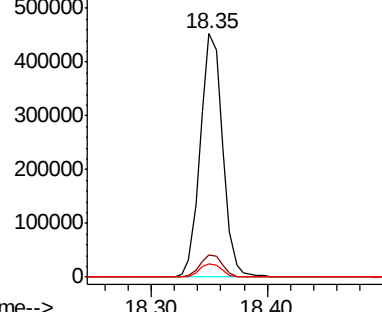
104 5.5 4.7 7.1

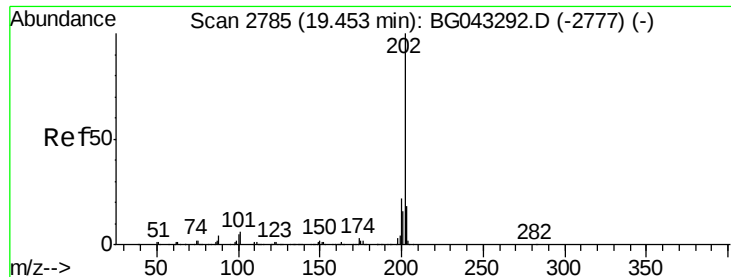


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.179 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG043370.D

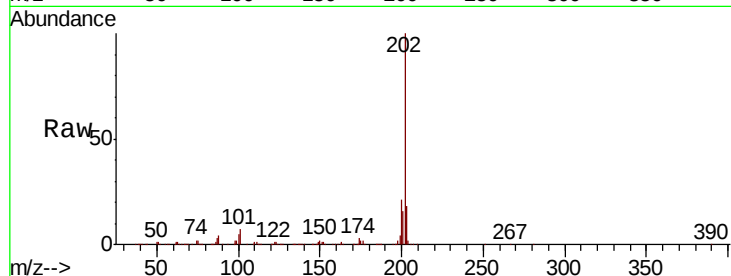
Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

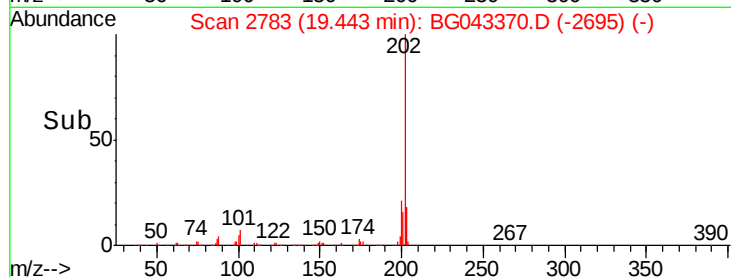
ClientSampleId :

Tot Ion:	202	Resp:	742761
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	26.0
203	18.2	0.0	38.2

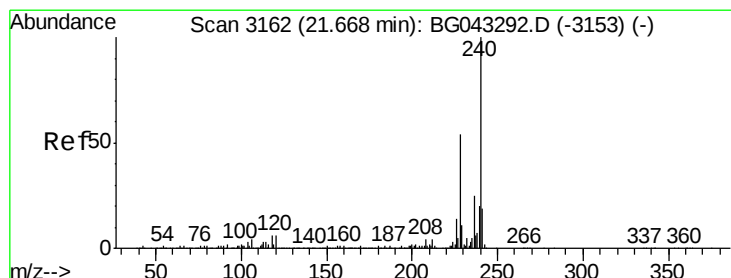


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.44



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

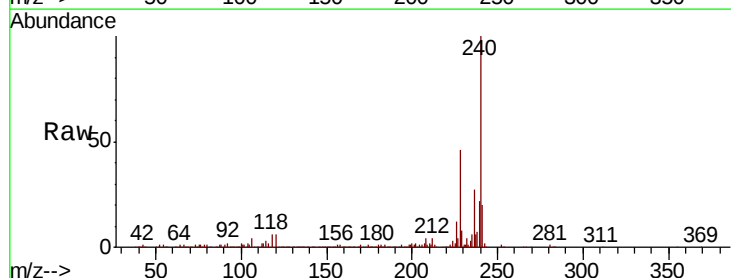
RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG043370.D

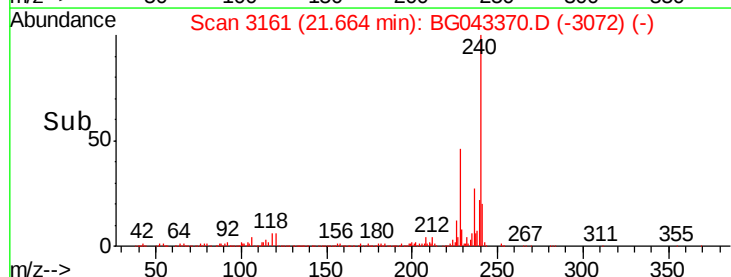
Acq: 29 Oct 2019 12:13

Tgt Ion:	240	Resp:	294508
Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	7.0
236	27.3	20.2	30.4

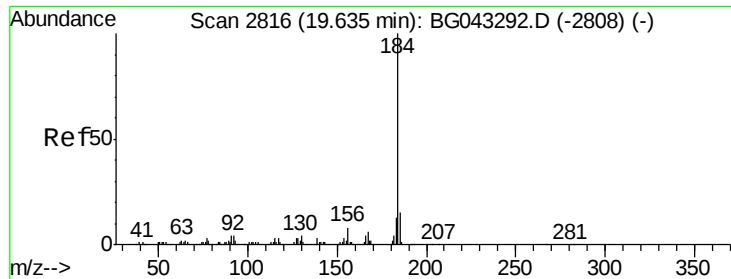


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.66



Time-->



#77

Benzidine

Concen: 41.041 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

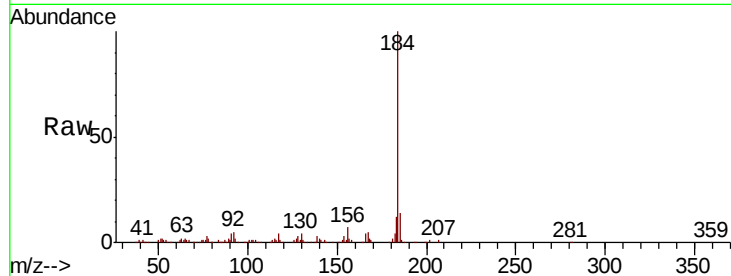
Tot Ion:184 Resp: 243251

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

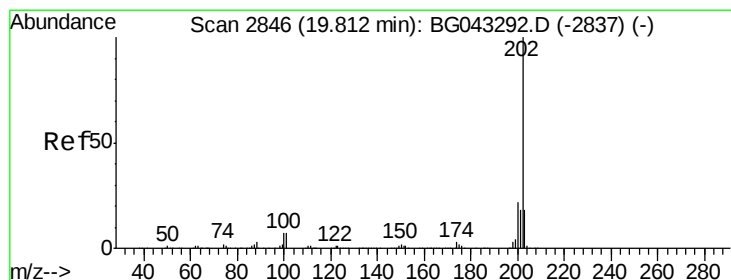
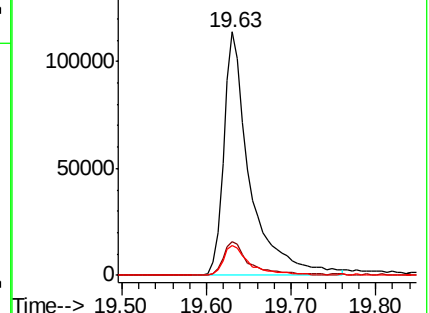
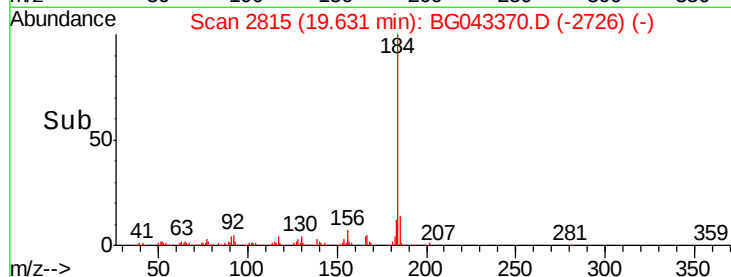
183 12.5 10.6 16.0



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: 41.163 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

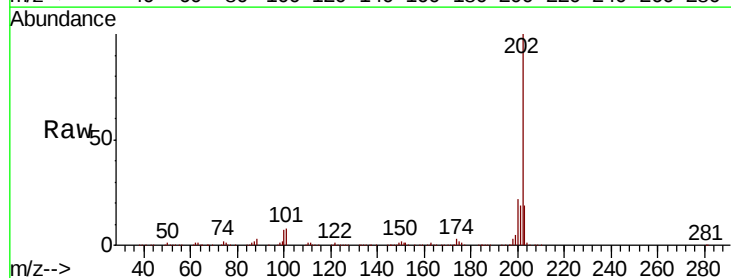
Tgt Ion:202 Resp: 750388

Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

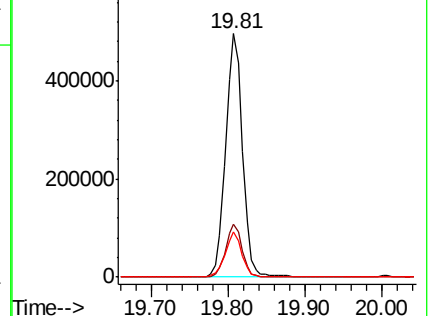
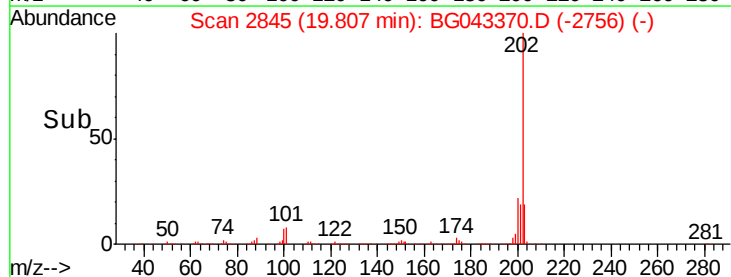
203 18.6 14.5 21.7

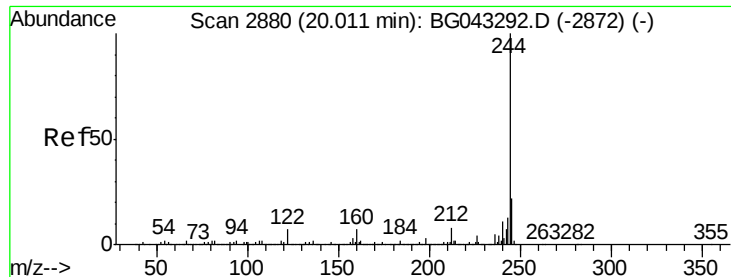


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.797 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

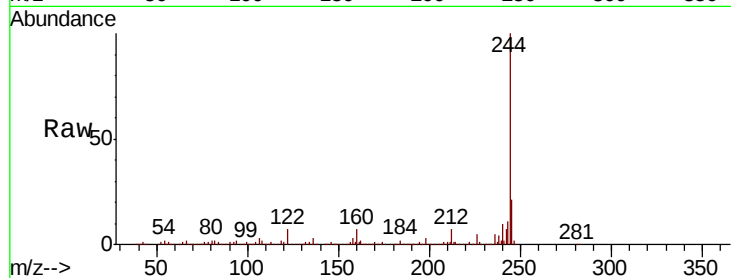
Tot Ion:244 Resp: 1001505

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

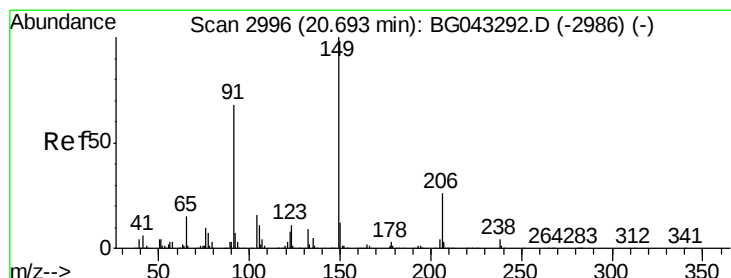
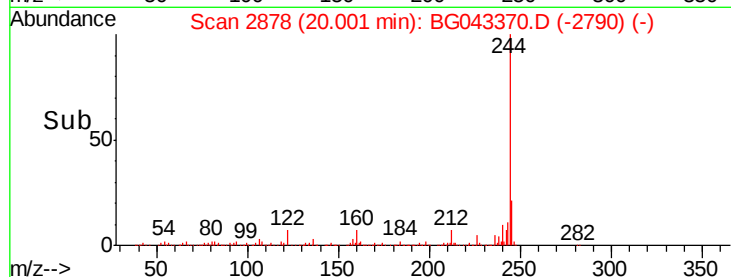
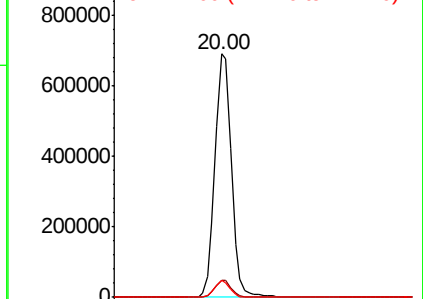
122 7.1 5.3 7.9



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: 40.812 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

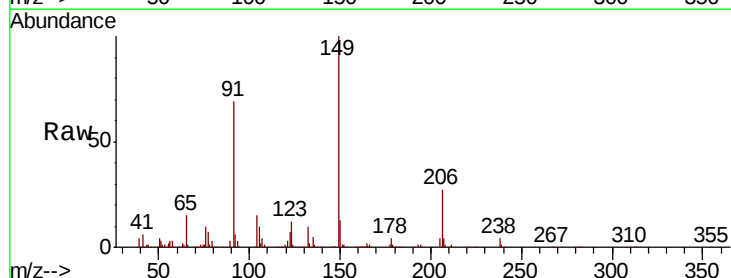
Tgt Ion:149 Resp: 281866

Ion Ratio Lower Upper

149 100

91 69.4 54.6 82.0

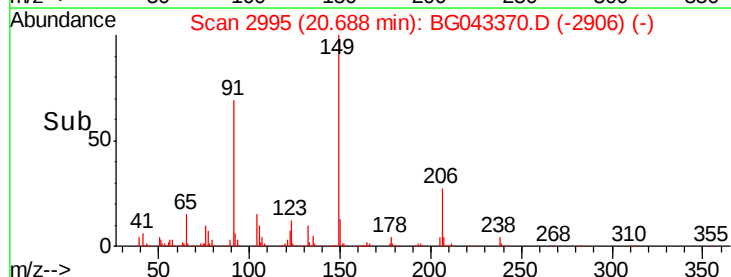
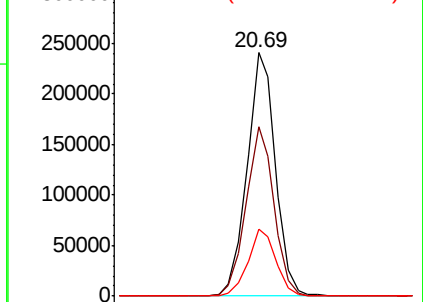
206 27.3 20.5 30.7

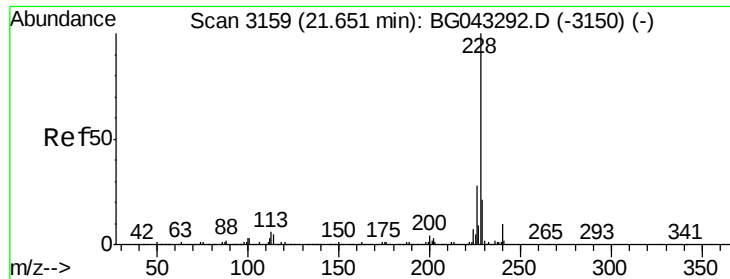


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

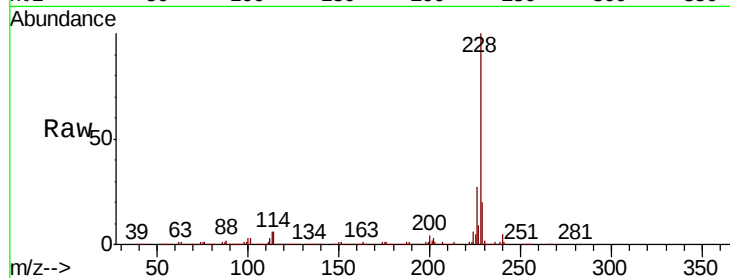




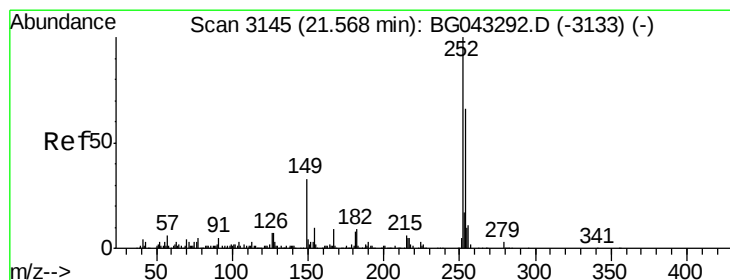
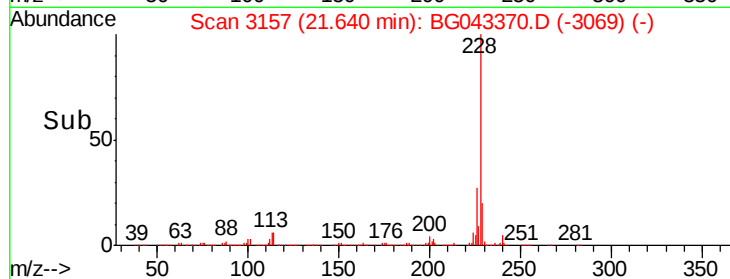
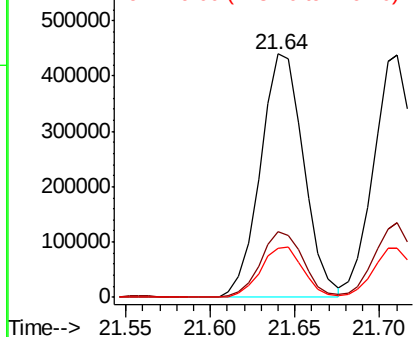
#81
Benzo(a)anthracene
Concen: 42.141 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 777416
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 20.2 16.9 25.3

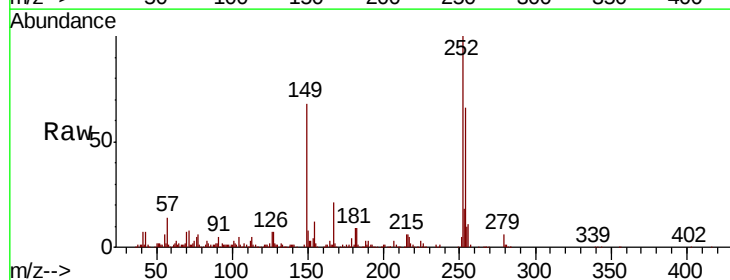


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

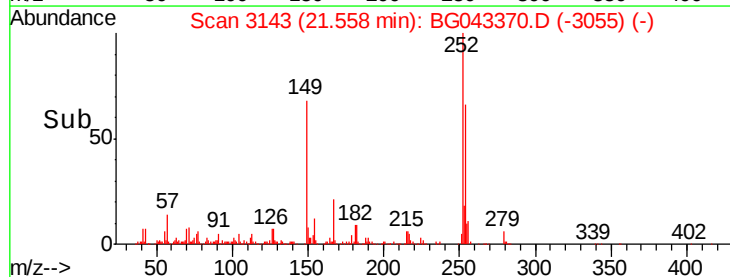
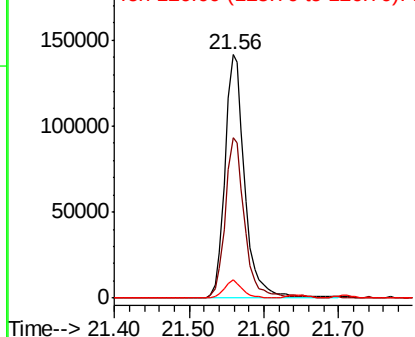


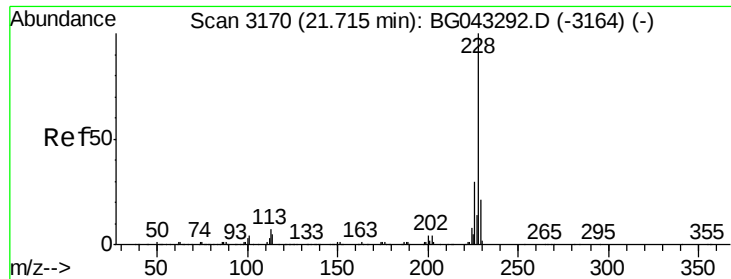
#82
3,3'-Dichlorobenzidine
Concen: 36.840 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion:252 Resp: 262865
Ion Ratio Lower Upper
252 100
254 65.8 52.7 79.1
126 7.4 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: 41.345 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampled :

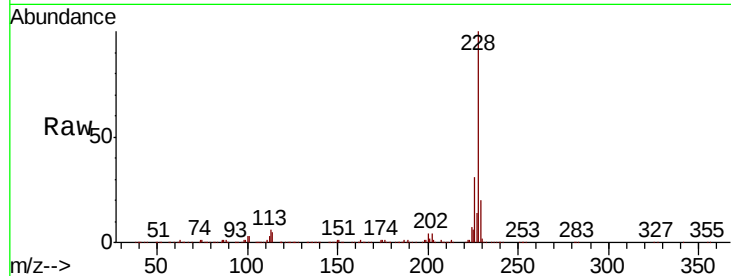
Tot Ion:228 Resp: 757824

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

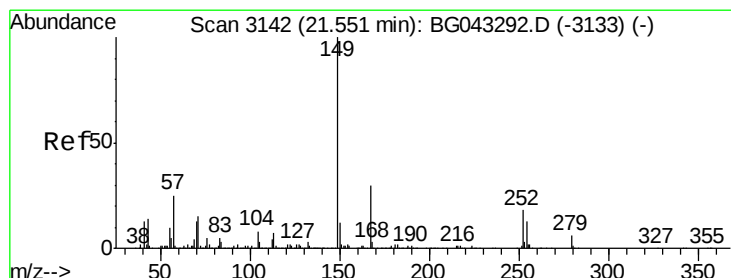
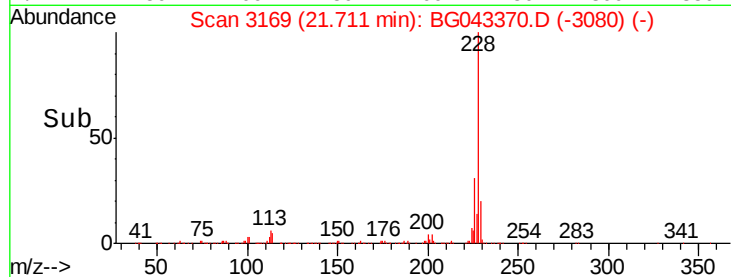
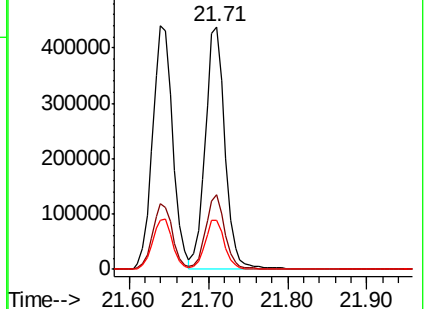
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.330 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

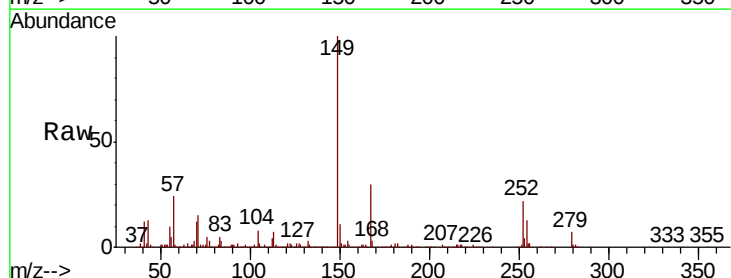
Tgt Ion:149 Resp: 415290

Ion Ratio Lower Upper

149 100

167 30.2 23.9 35.9

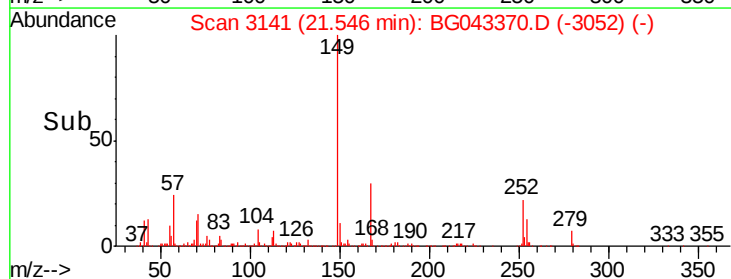
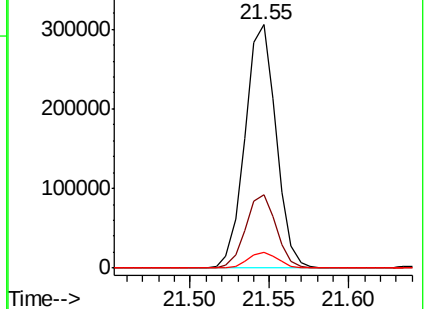
279 6.7 4.8 7.2

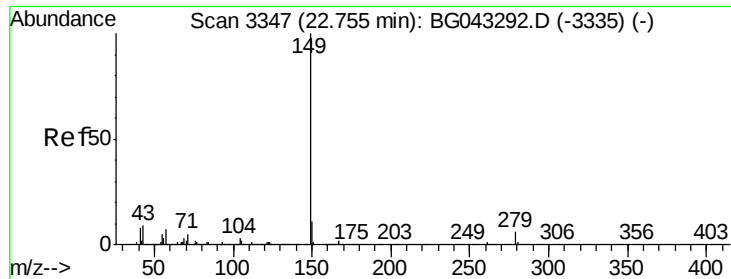


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.318 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

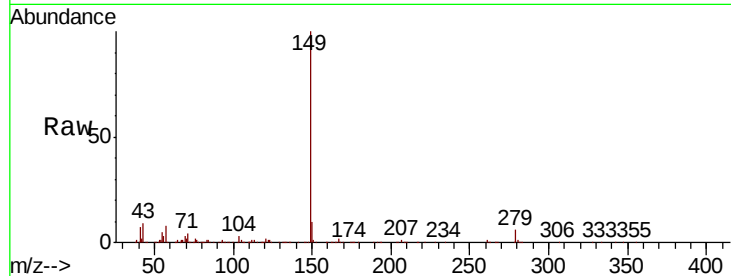
Tot Ion:149 Resp: 704363

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

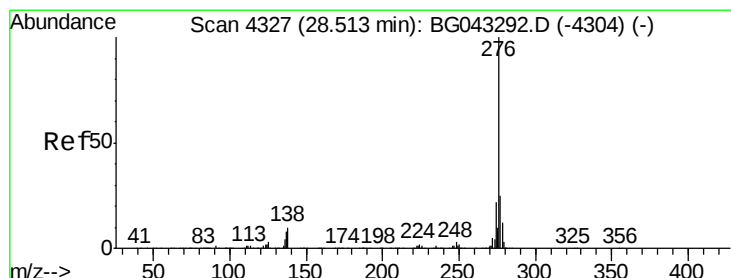
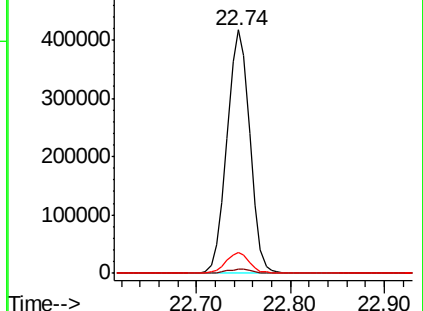
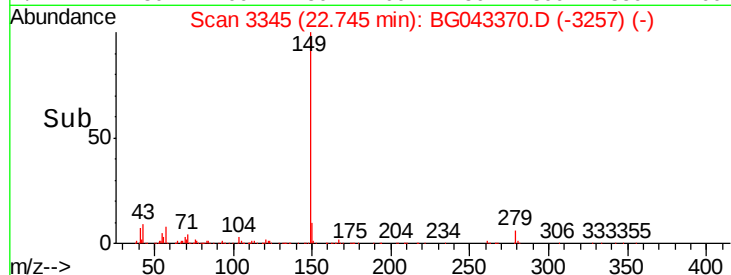
43 8.7 6.9 10.3



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: 42.921 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

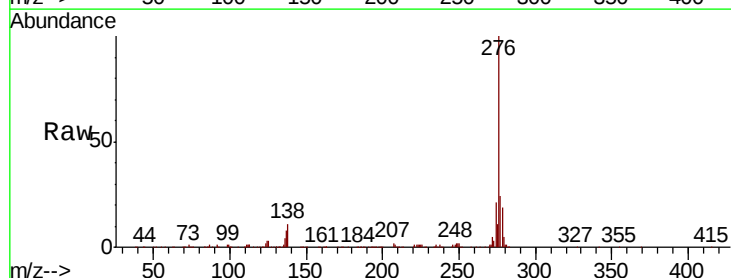
Tgt Ion:276 Resp: 987512

Ion Ratio Lower Upper

276 100

138 7.1 7.2 10.8#

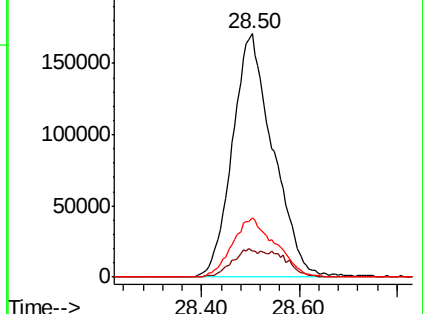
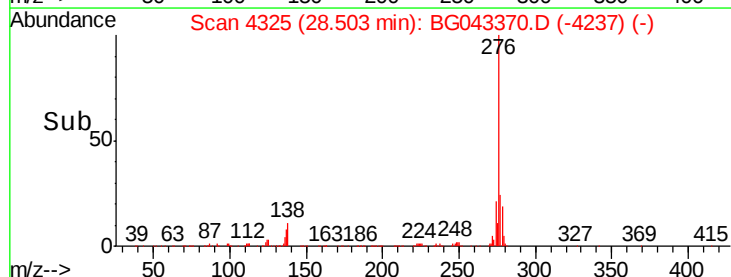
277 25.7 20.9 31.3

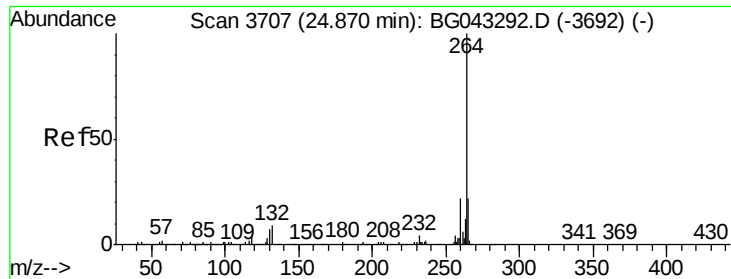


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampleId :

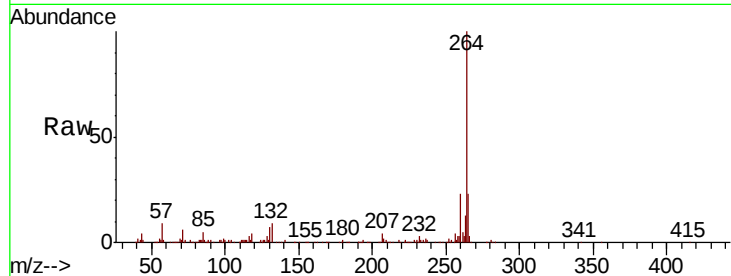
Tot Ion:264 Resp: 313663

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

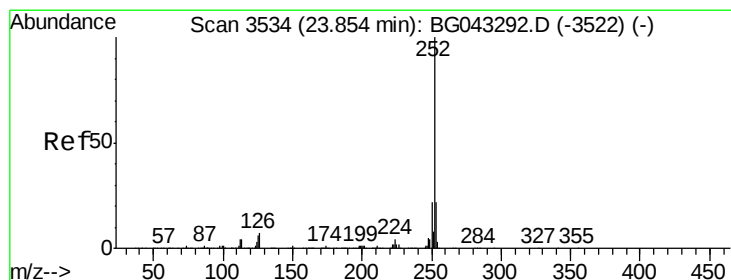
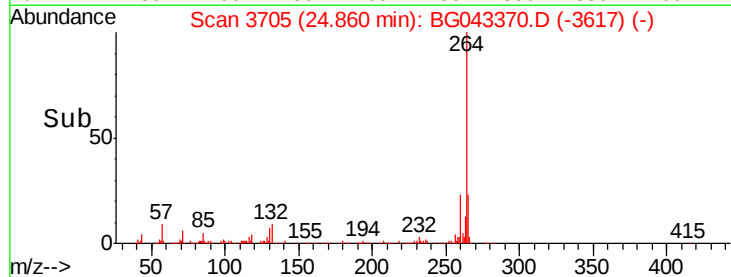
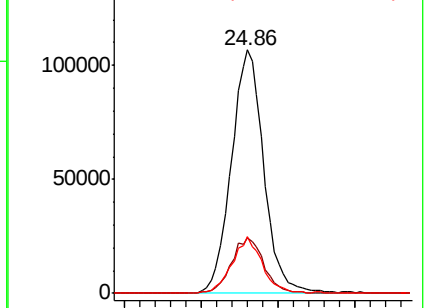
265 23.1 17.4 26.2



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: 46.523 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

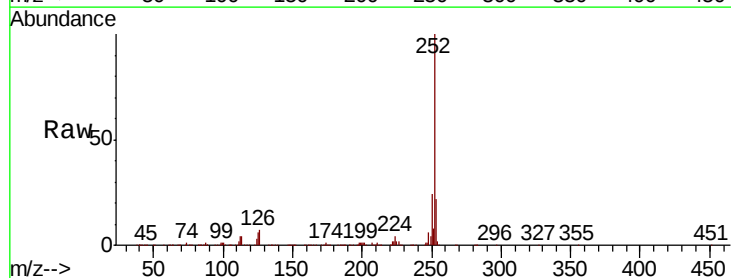
Tgt Ion:252 Resp: 826475

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

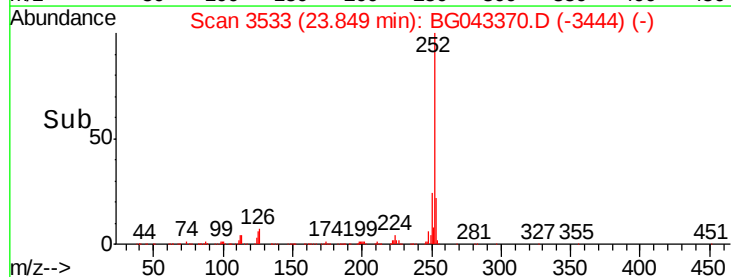
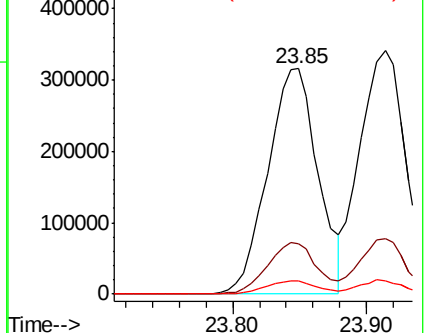
125 5.9 5.0 7.6

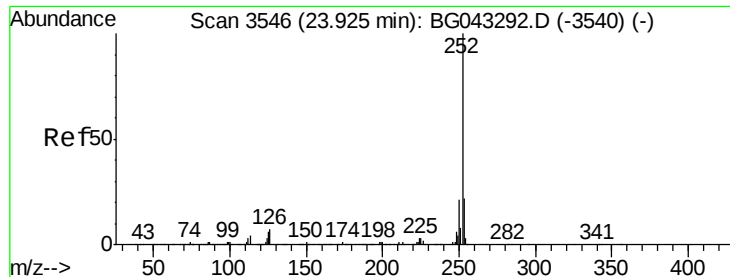


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

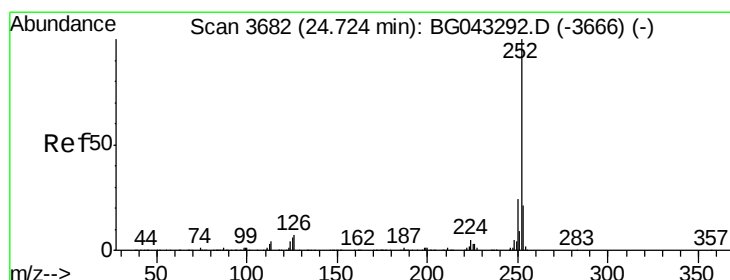
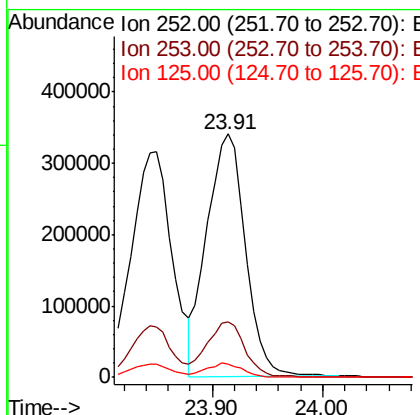
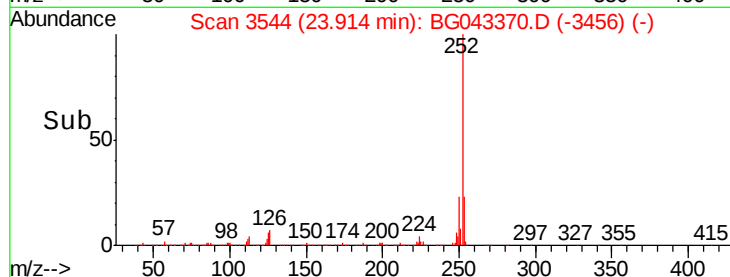
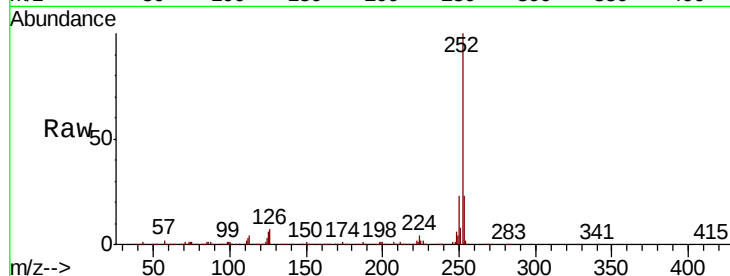




#89
Benzo(k)fluoranthene
Concen: 46.093 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

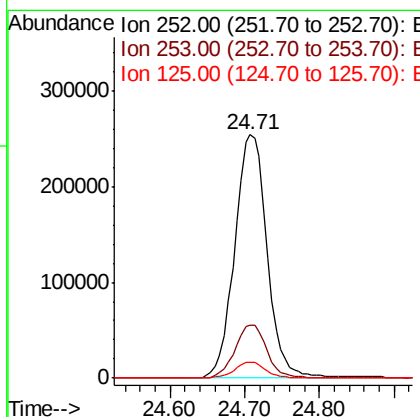
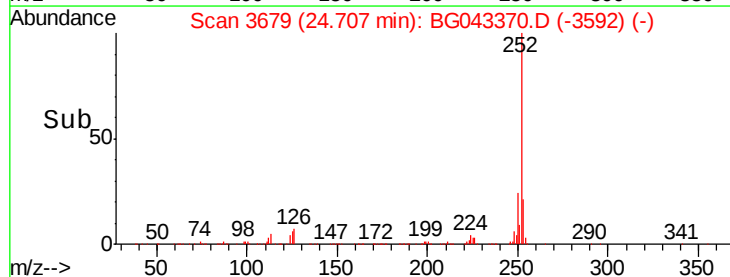
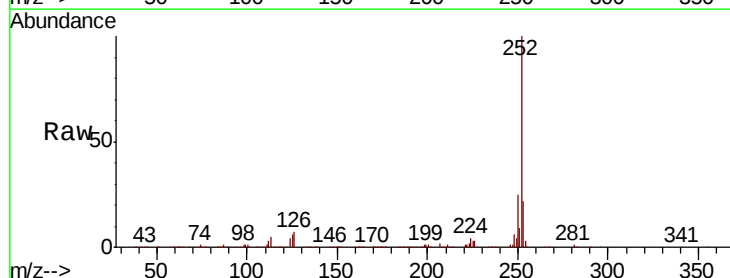
Instrument :
BNA_G
ClientSampleId :

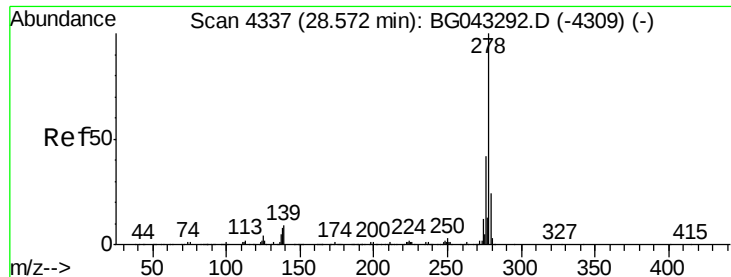
Tot Ion:252 Resp: 824334
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 5.6 4.5 6.7



#90
Benzo(a)pyrene
Concen: 44.833 ng
RT: 24.71 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion:252 Resp: 760561
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 6.4 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 47.835 ng

RT: 28.56 min Scan# 4334

Delta R.T. -0.02 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

ClientSampled :

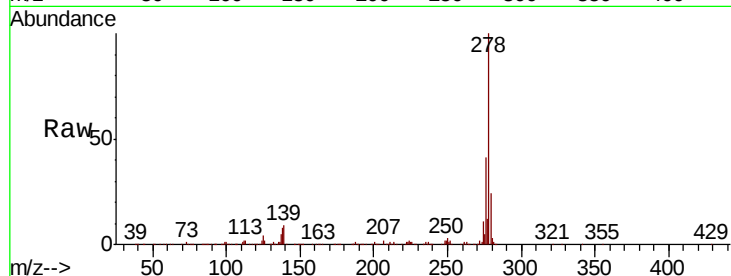
Tot Ion:278 Resp: 830031

Ion Ratio Lower Upper

278 100

139 9.3 6.8 10.2

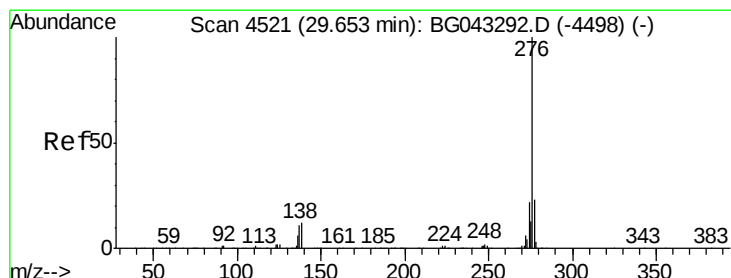
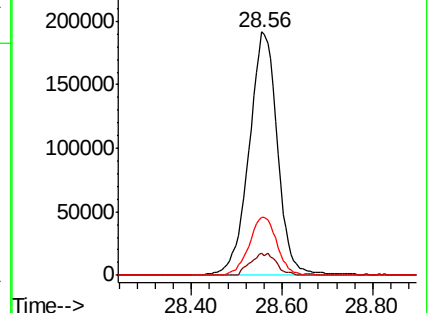
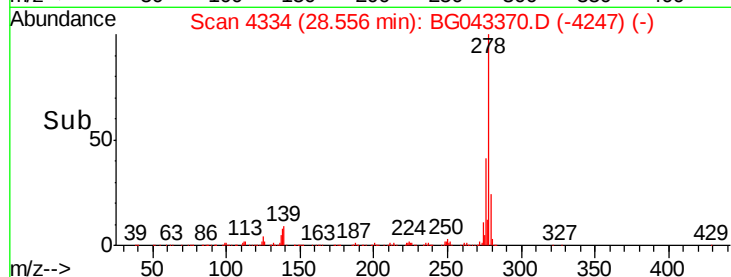
279 24.0 19.0 28.6



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: 48.554 ng

RT: 29.64 min Scan# 4518

Delta R.T. -0.02 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

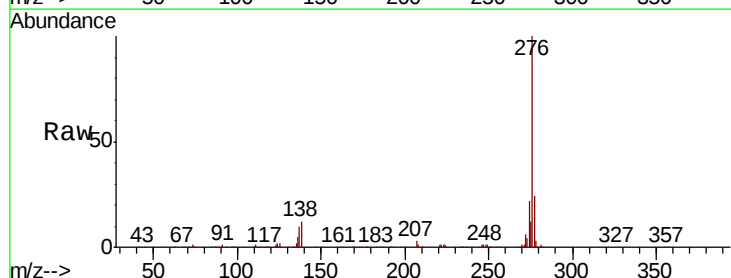
Tgt Ion:276 Resp: 831051

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 11.6 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

