

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043428.D
 Acq On : 31 Oct 2019 10:12
 Operator : JU
 Sample : PB124413BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 11:23:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33419	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135687	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	112578	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	261110	20.00	ng	0.00
76) Chrysene-d12	21.67	240	298186	20.00	ng	0.00
87) Perylene-d12	24.86	264	349312	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	231155	126.75	ng	0.00
7) Phenol-d6	7.21	99	315638	120.29	ng	0.00
23) Nitrobenzene-d5	9.19	82	158162	60.09	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	207692	96.95	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	431985	53.02	ng	0.00
79) Terphenyl-d14	20.00	244	865305	54.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	28280	39.792	ng	86
3) Pyridine	3.89	79	68288	38.091	ng	95
4) n-Nitrosodimethylamine	3.80	42	39642	43.821	ng	# 98
6) Aniline	7.35	93	94050	31.115	ng	99
8) 2-Chlorophenol	7.59	128	92687	46.040	ng	97
9) Benzaldehyde	7.16	77	49364	38.281	ng	88
10) Phenol	7.24	94	113079	47.161	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	70730	38.154	ng	89
12) 1,3-Dichlorobenzene	7.91	146	100980	40.034	ng	98
13) 1,4-Dichlorobenzene	8.06	146	103586	40.590	ng	99
14) 1,2-Dichlorobenzene	8.38	146	101013	40.539	ng	98
15) Benzyl Alcohol	8.27	79	81694	44.332	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105592	39.173	ng	99
17) 2-Methylphenol	8.48	107	80037	45.789	ng	95
18) Hexachloroethane	9.11	117	35859	38.946	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	69105	40.757	ng	97
20) 3+4-Methylphenols	8.81	107	105037	43.823	ng	93
22) Acetophenone	8.85	105	133723	38.484	ng	96
24) Nitrobenzene	9.23	77	105899	42.238	ng	99
25) Isophorone	9.74	82	188086	39.088	ng	99
26) 2-Nitrophenol	9.94	139	53729	44.388	ng	92
27) 2,4-Dimethylphenol	10.01	122	89122	51.371	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	105268	39.638	ng	96
29) 2,4-Dichlorophenol	10.49	162	99032	44.552	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	109196	38.976	ng	94
31) Naphthalene	10.88	128	293365	42.594	ng	99
32) Benzoic acid	10.17	122	39753	33.401	ng	98
33) 4-Chloroaniline	11.00	127	56133	19.883	ng	97
34) Hexachlorobutadiene	11.16	225	76451	36.915	ng	94
35) Caprolactam	11.75	113	20377	26.617	ng	# 81
36) 4-Chloro-3-methylphenol	12.12	107	104374	43.047	ng	98
37) 2-Methylnaphthalene	12.48	142	220893	41.800	ng	99
38) 1-Methylnaphthalene	12.69	142	211141	41.992	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	142982	34.318	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	167927	76.728	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	90772	36.995	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	98587	39.744	nq	97
46) 1,1'-Biphenyl	13.48	154	298441	34.847	nq	98
47) 2-Chloronaphthalene	13.53	162	225705	34.637	nq	99
48) 2-Nitroaniline	13.73	65	68616	35.231	nq	100
49) Acenaphthylene	14.37	152	373303	36.809	nq	99
50) Dimethylphthalate	14.10	163	300926	34.510	nq	98
51) 2,6-Dinitrotoluene	14.22	165	70453	37.190	nq	97
52) Acenaphthene	14.72	154	218609	35.346	nq	96
53) 3-Nitroaniline	14.56	138	42296	23.125	nq	95
54) 2,4-Dinitrophenol	14.76	184	62628	55.405	nq	96
55) Dibenzofuran	15.05	168	363289	36.222	nq	99
56) 4-Nitrophenol	14.89	139	96784	78.964	nq	94
57) 2,4-Dinitrotoluene	15.01	165	98560	36.405	nq	97
58) Fluorene	15.70	166	306597	36.447	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	102036	38.717	nq	# 98
60) Diethylphthalate	15.46	149	305137	34.826	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	176293	35.924	nq	97
62) 4-Nitroaniline	15.73	138	63633	33.688	nq	95
63) Azobenzene	15.98	77	260735	36.770	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	56453	36.738	nq	91
66) n-Nitrosodiphenylamine	15.90	169	273994	37.168	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	123907	35.261	nq	99
68) Hexachlorobenzene	16.71	284	139891	34.682	nq	95
69) Atrazine	16.85	200	115660	45.152	nq	98
70) Pentachlorophenol	17.05	266	150519	81.895	nq	94
71) Phenanthrene	17.44	178	491211	36.738	nq	99
72) Anthracene	17.53	178	515752	38.553	nq	99
73) Carbazole	17.80	167	449031	37.066	nq	99
74) Di-n-butylphthalate	18.35	149	529624	36.031	nq	98
75) Fluoranthene	19.44	202	649844	37.280	nq	99
77) Benzidine	19.63	184	211586	35.258	nq	98
78) Pyrene	19.81	202	655430	35.511	nq	100
80) Butylbenzylphthalate	20.69	149	240598	34.407	nq	99
81) Benzo(a)anthracene	21.64	228	683715	36.605	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	196665	27.223	nq	99
83) Chrysene	21.71	228	665860	35.880	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	356838	35.923	nq	97
85) Di-n-octyl phthalate	22.75	149	615713	36.535	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	860140	36.924	nq	100
88) Benzo(b)fluoranthene	23.85	252	724096	36.600	nq	97
89) Benzo(k)fluoranthene	23.92	252	712754	35.787	nq	99
90) Benzo(a)pyrene	24.71	252	666387	35.273	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	726350	37.588	nq	95
92) Benzo(g,h,i)perylene	29.64	276	726931	38.137	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

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BNA_G

ClientSampleId :

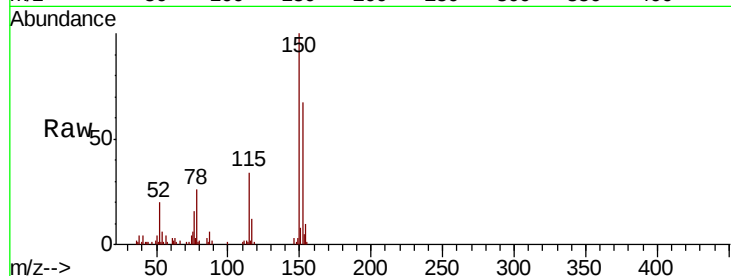
Tot Ion:152 Resp: 33419

Ion Ratio Lower Upper

152 100

150 148.5 113.6 170.4

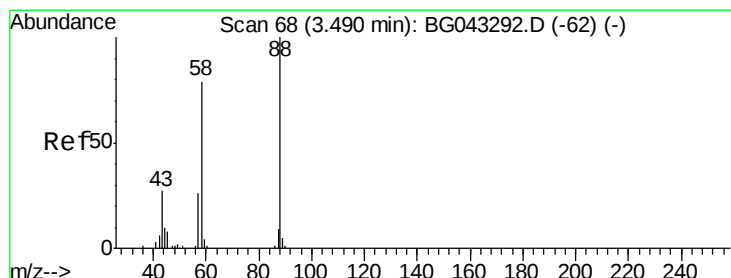
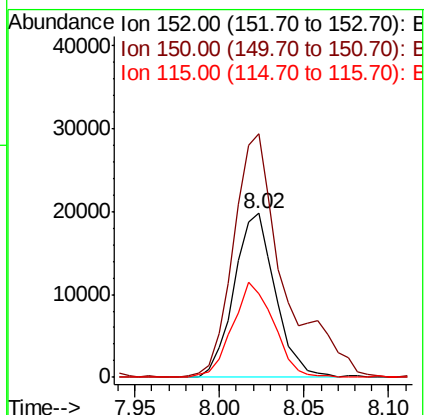
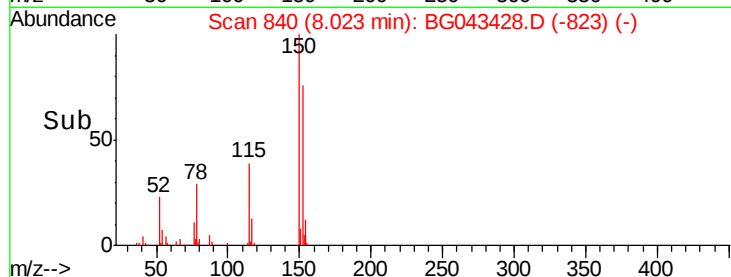
115 50.7 45.9 68.9



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: 39.792 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

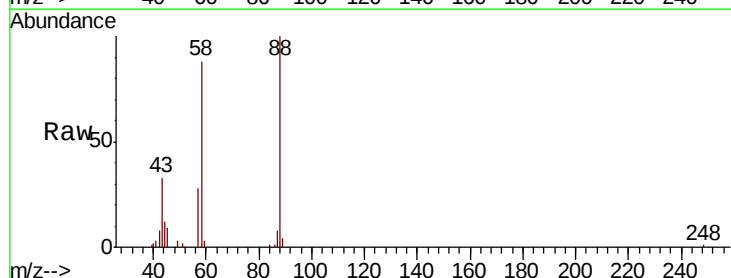
Tgt Ion: 88 Resp: 28280

Ion Ratio Lower Upper

88 100

58 90.2 60.2 90.2

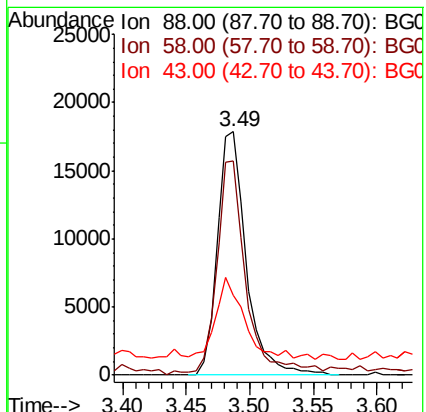
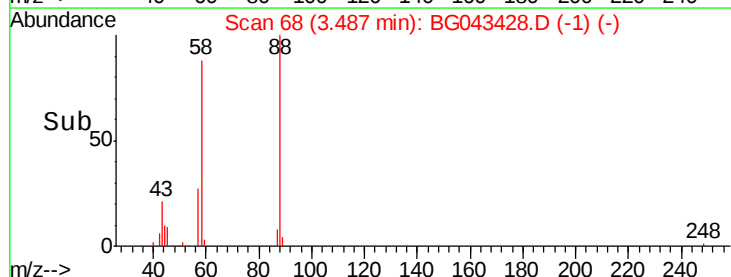
43 30.6 22.7 34.1



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: 38.091 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampled :

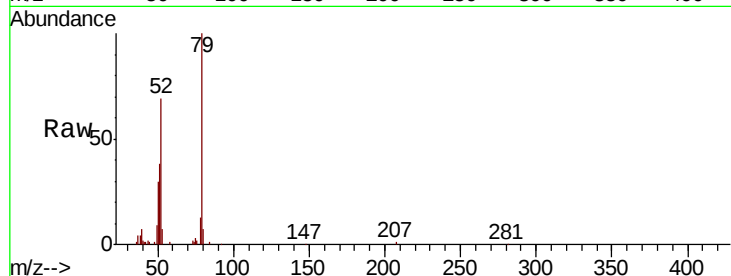
Tot Ion: 79 Resp: 68288

Ion Ratio Lower Upper

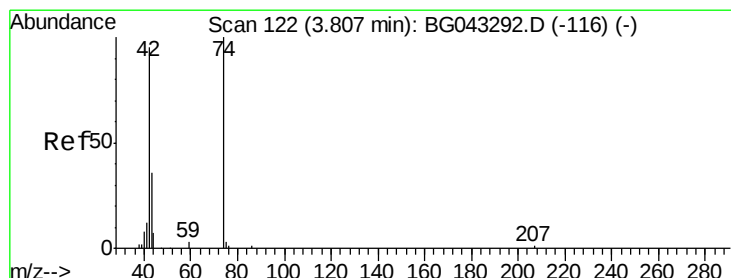
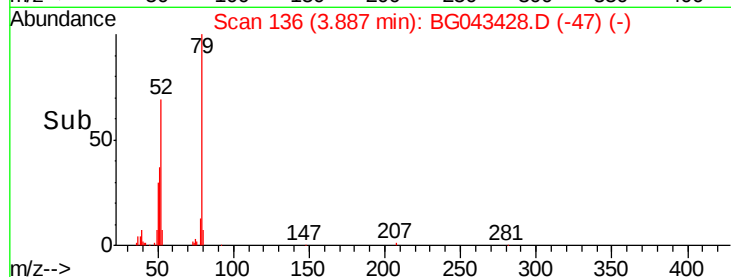
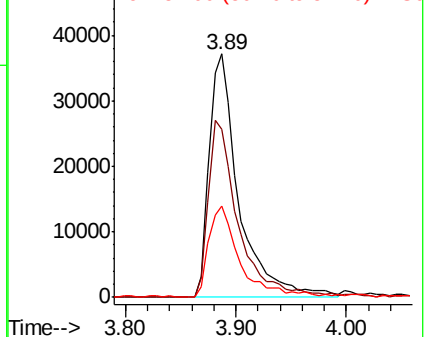
79 100

52 69.1 59.7 89.5

51 37.7 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 43.821 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

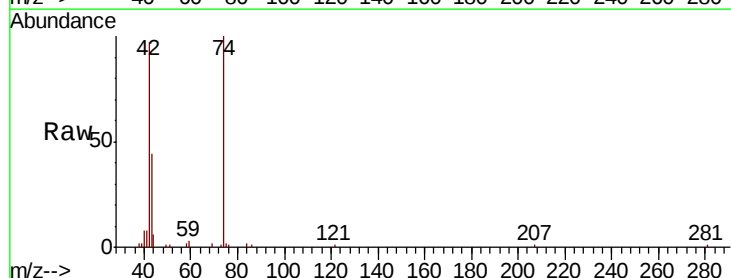
Tgt Ion: 42 Resp: 39642

Ion Ratio Lower Upper

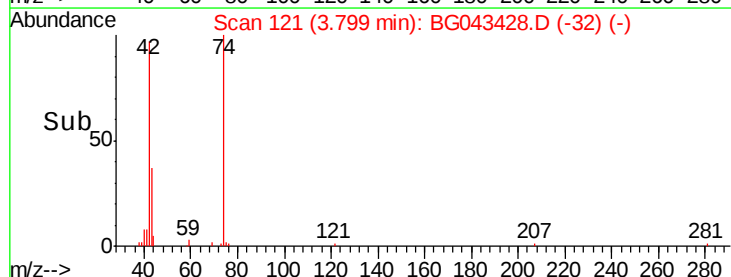
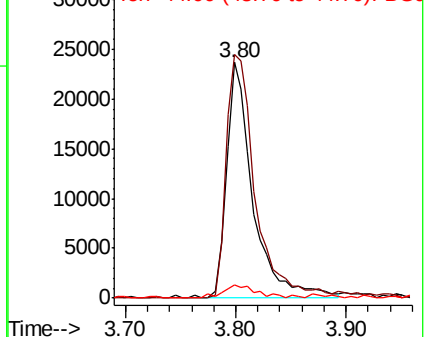
42 100

74 103.3 84.2 126.2

44 5.8 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.748 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampled :

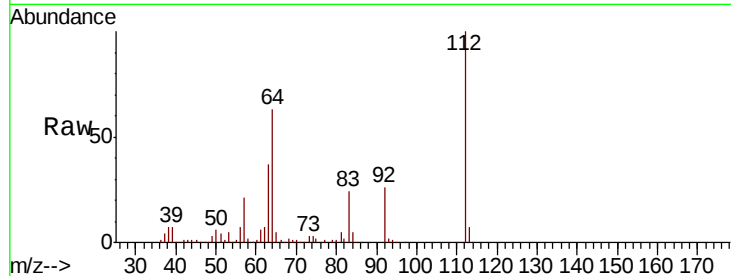
Tot Ion:112 Resp: 231155

Ion Ratio Lower Upper

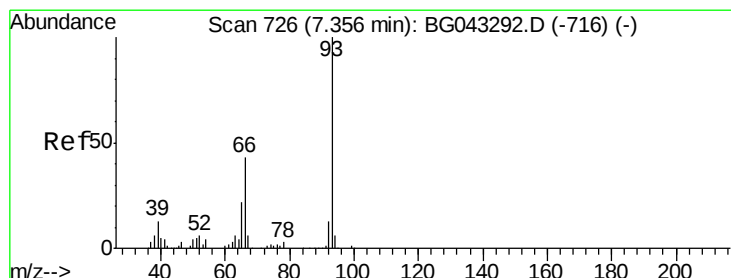
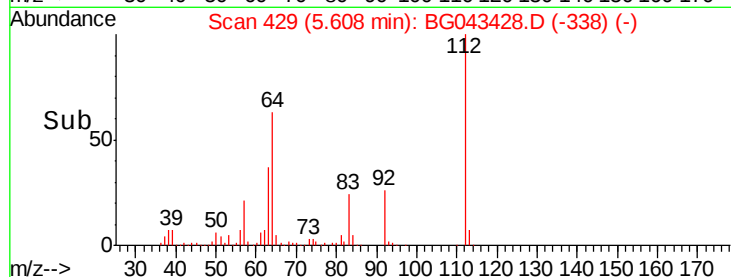
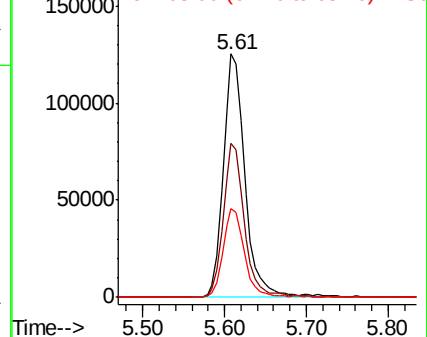
112 100

64 63.2 50.2 75.2

63 36.6 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: 31.115 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

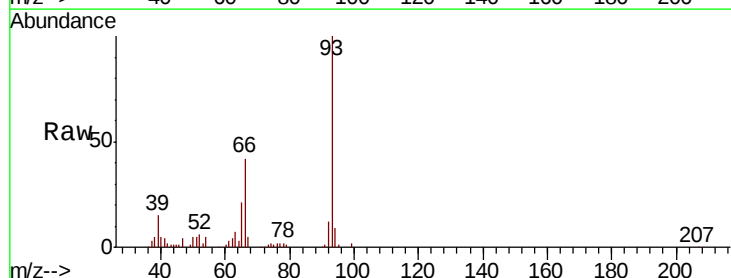
Tgt Ion: 93 Resp: 94050

Ion Ratio Lower Upper

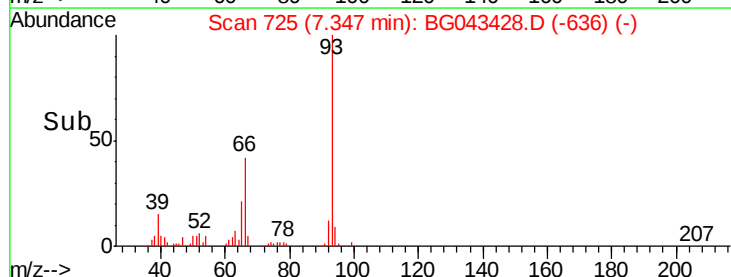
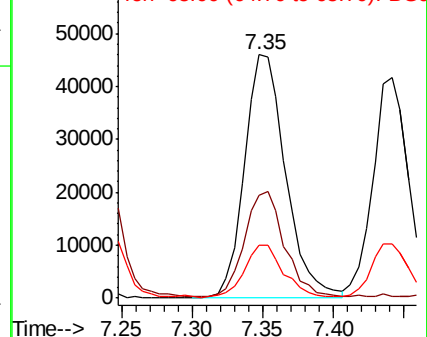
93 100

66 42.4 34.5 51.7

65 21.5 18.0 27.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.292 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

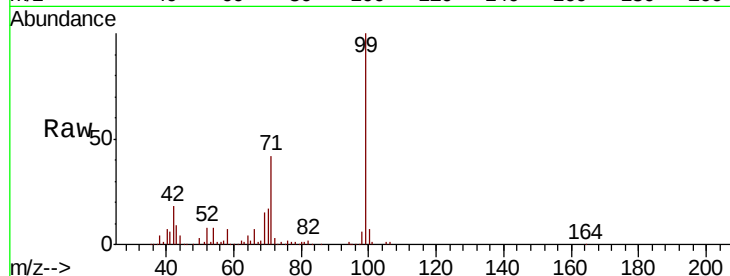
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 315638

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	41.9	32.2	48.2

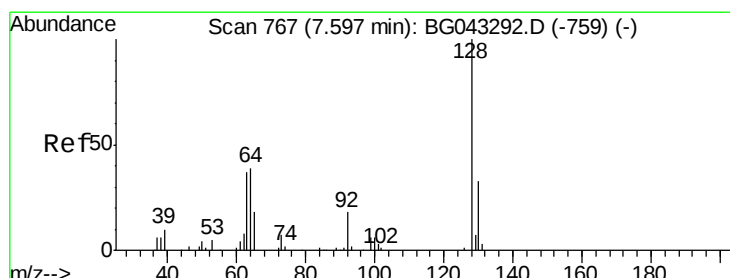
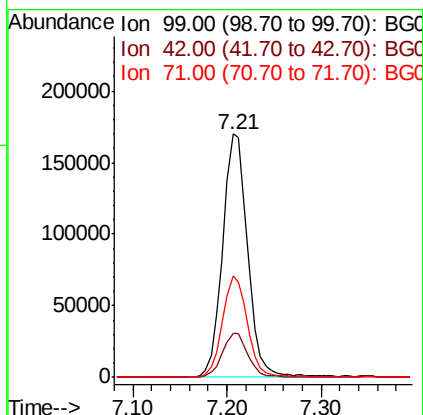
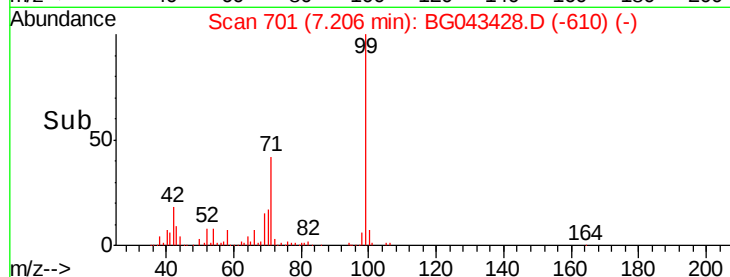


Abundance

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: 46.040 ng

RT: 7.59 min Scan# 767

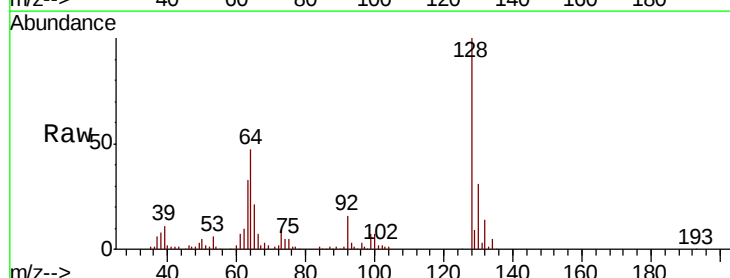
Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Tgt Ion:128 Resp: 92687

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.9	52.9
64	46.8	24.9	64.9

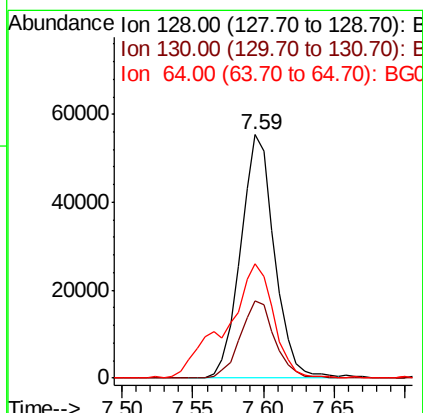
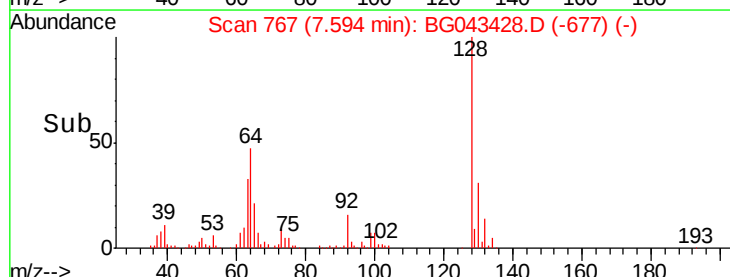


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 38.281 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

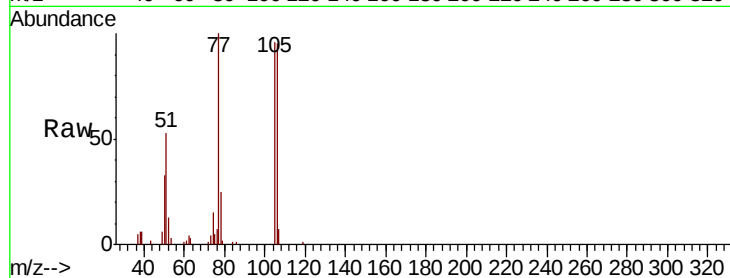
Tot Ion: 77 Resp: 49364

Ion Ratio Lower Upper

77 100

105 95.5 68.7 108.7

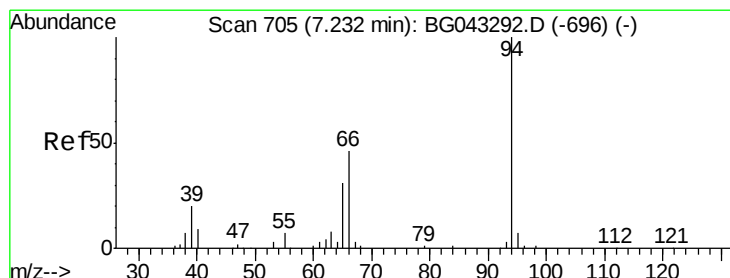
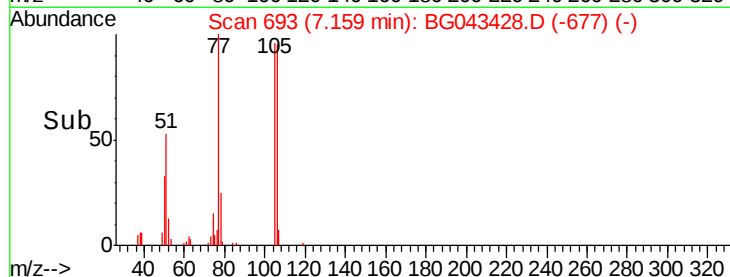
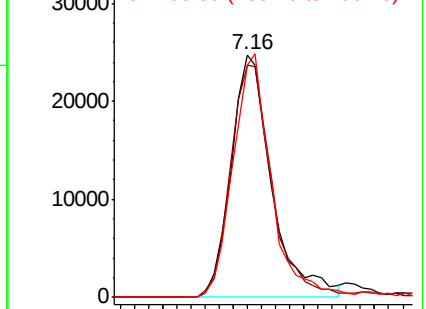
106 95.4 60.5 100.5



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: 47.161 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

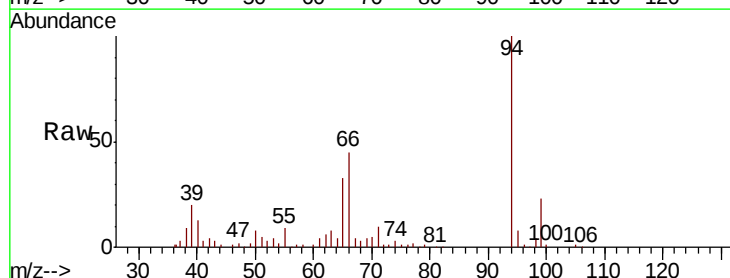
Tgt Ion: 94 Resp: 113079

Ion Ratio Lower Upper

94 100

65 33.3 11.1 51.1

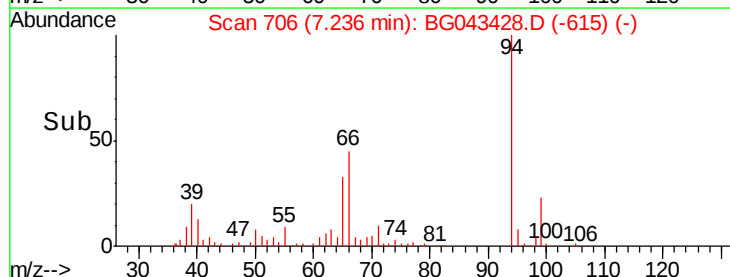
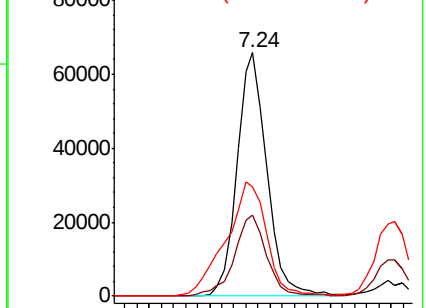
66 45.0 27.8 67.8

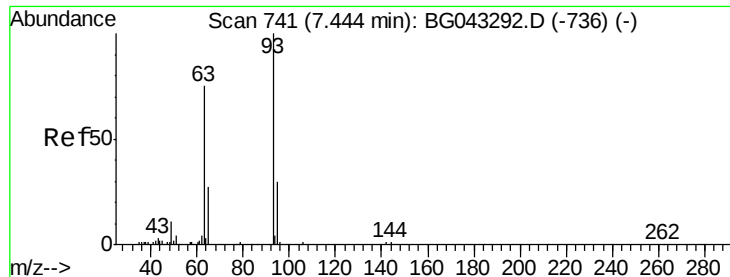


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

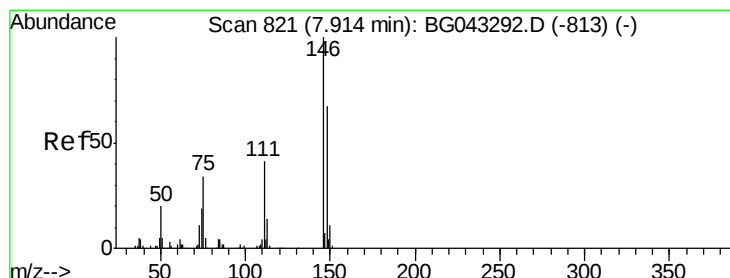
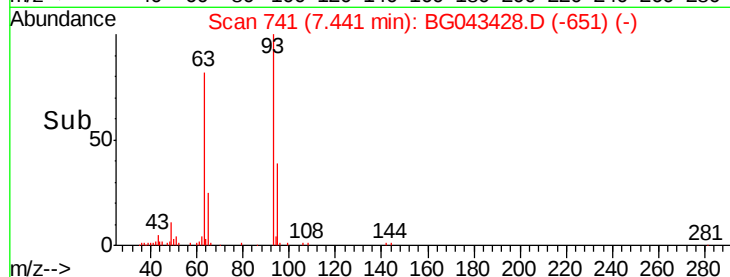
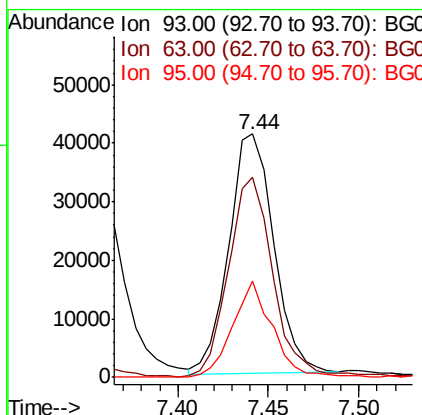
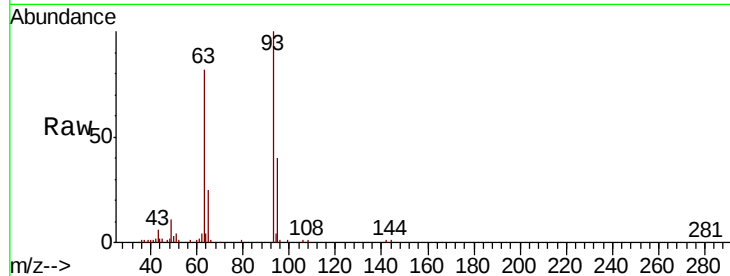




#11
bis(2-Chloroethyl)ether
Concen: 38.154 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

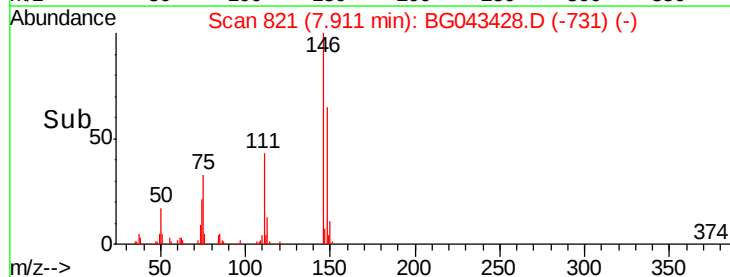
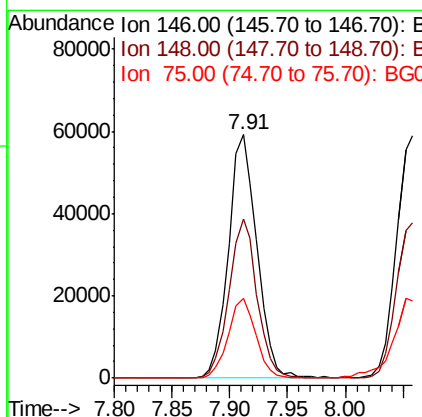
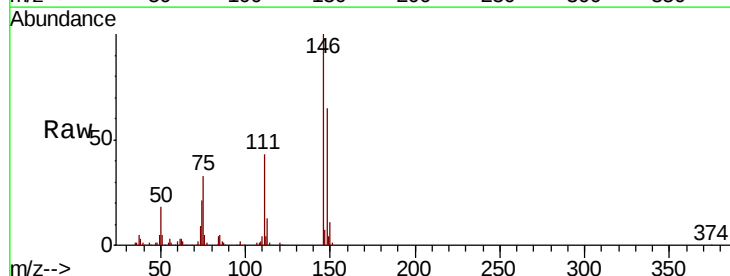
Instrument :
BNA_G
ClientSampleId :

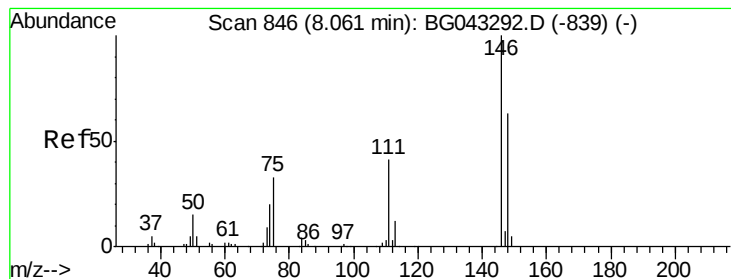
Tot Ion: 93 Resp: 70730
Ion Ratio Lower Upper
93 100
63 82.1 54.6 94.6
95 39.5 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 40.034 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion: 146 Resp: 100980
Ion Ratio Lower Upper
146 100
148 65.4 53.4 80.2
75 32.8 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 40.590 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampled :

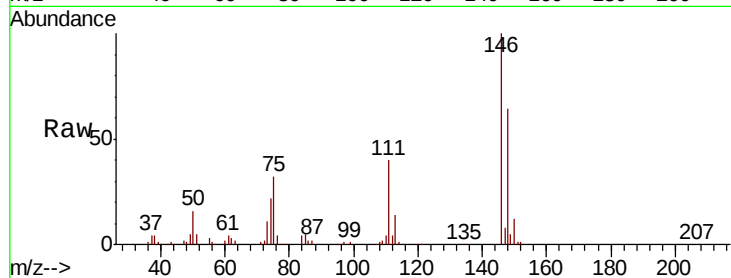
Tot Ion:146 Resp: 103586

Ion Ratio Lower Upper

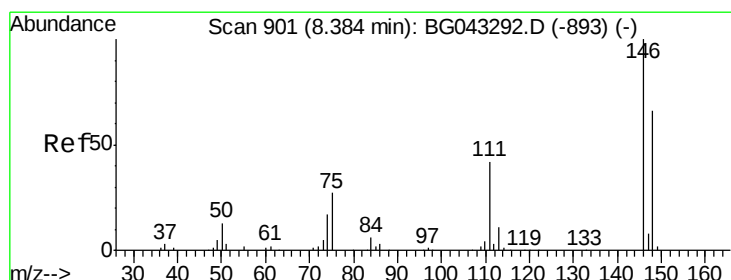
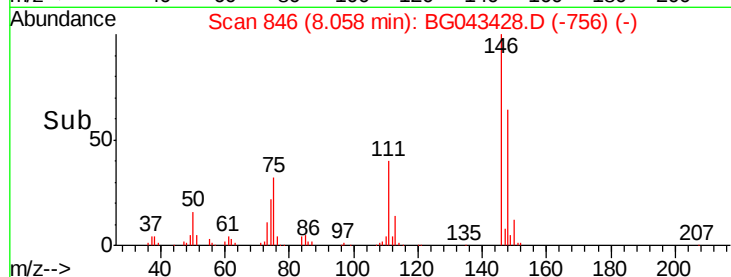
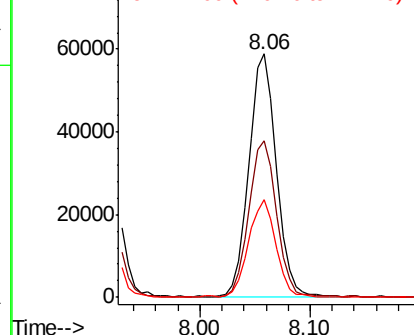
146 100

148 64.3 50.7 76.1

111 40.1 33.0 49.6



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



#14

1,2-Dichlorobenzene

Concen: 40.539 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

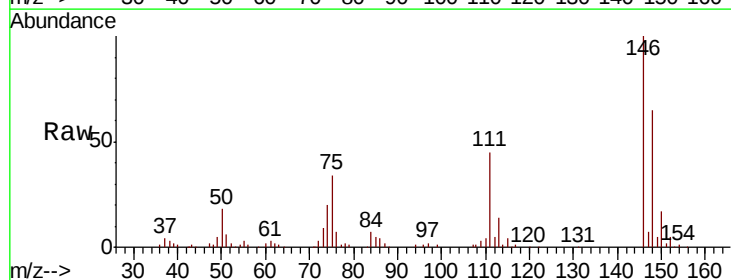
Tgt Ion:146 Resp: 101013

Ion Ratio Lower Upper

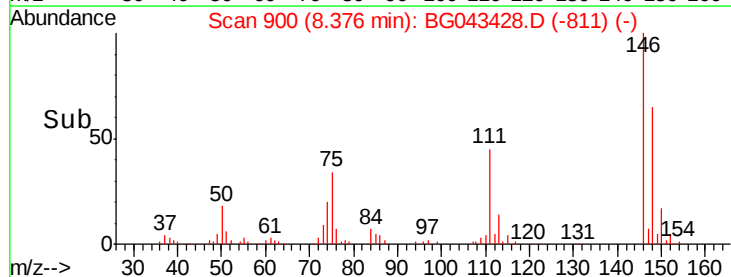
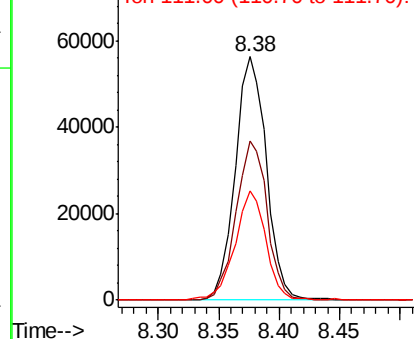
146 100

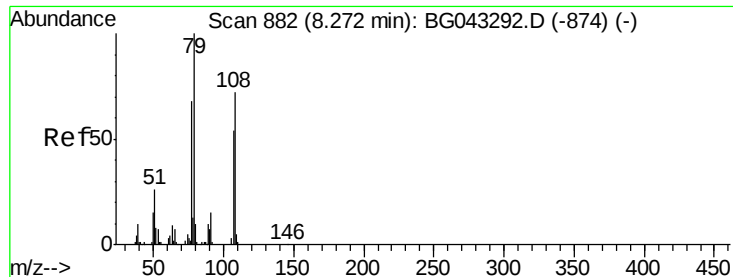
148 65.2 53.0 79.4

111 45.0 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: 44.332 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampled :

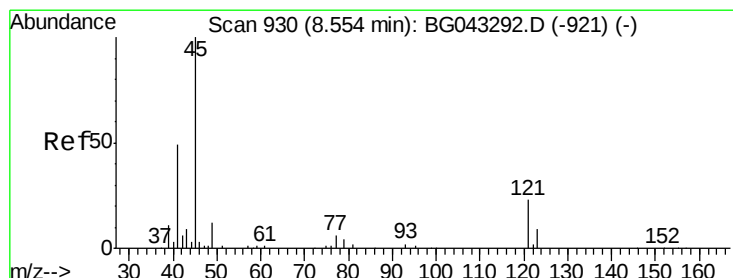
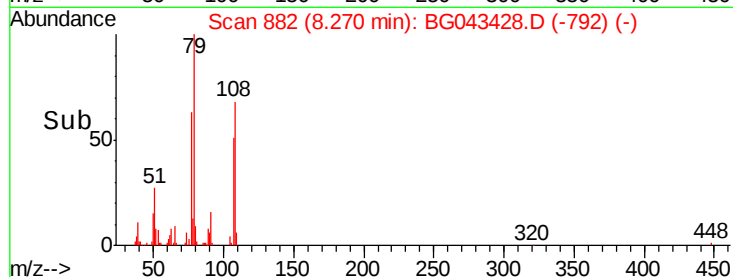
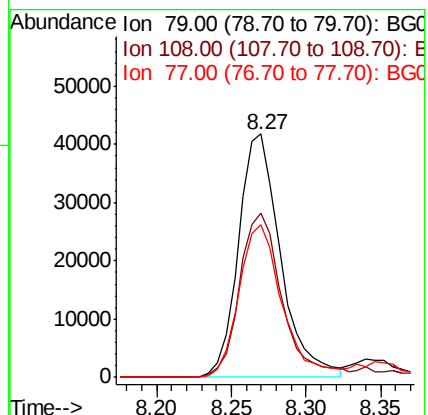
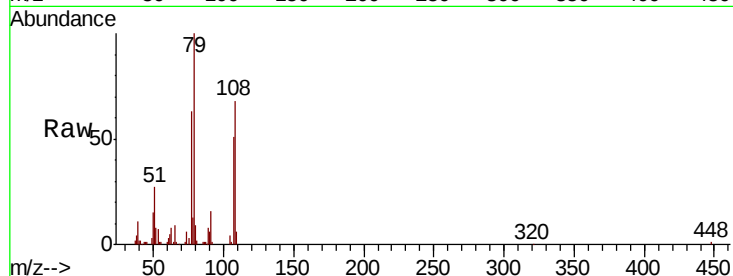
Tot Ion: 79 Resp: 81694

Ion Ratio Lower Upper

79 100

108 67.6 57.3 85.9

77 62.6 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.173 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

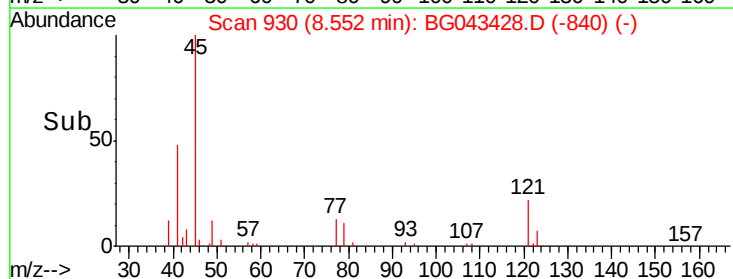
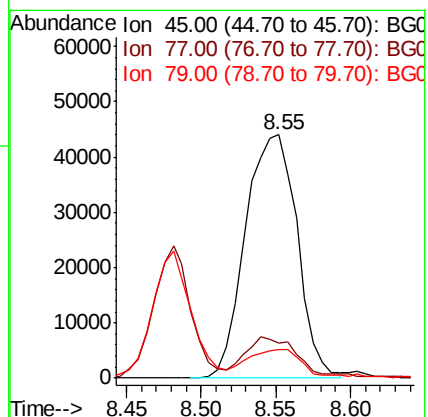
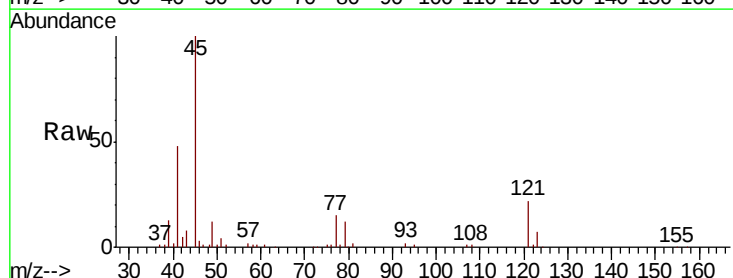
Tgt Ion: 45 Resp: 105592

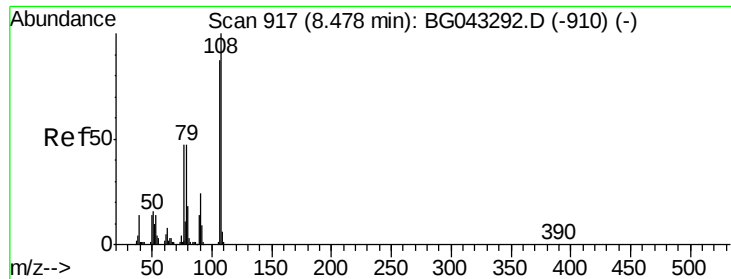
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.2

79 11.6 0.0 32.3





#17

2-Methylphenol

Concen: 45.789 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 80037

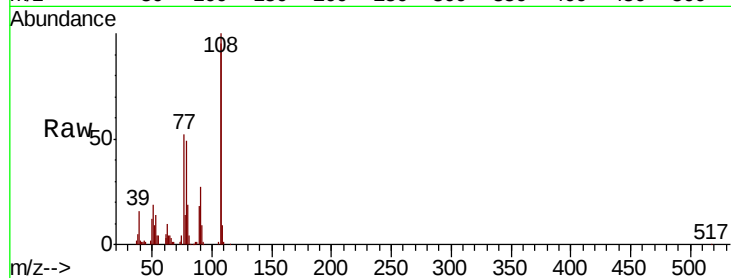
Ion Ratio Lower Upper

107 100

108 104.9 91.3 136.9

77 54.1 43.0 64.6

79 51.7 43.4 65.2

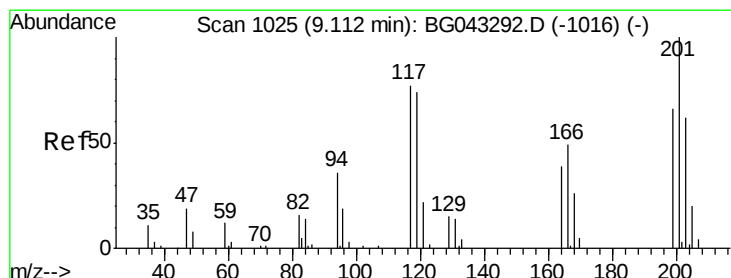
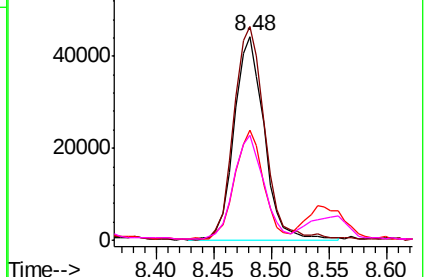
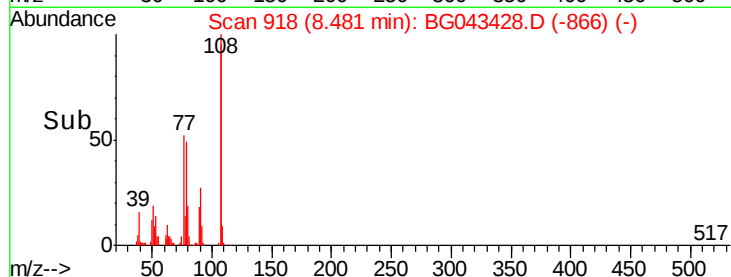


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.946 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

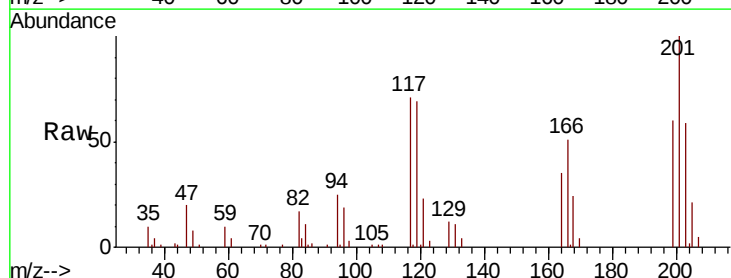
Tgt Ion:117 Resp: 35859

Ion Ratio Lower Upper

117 100

119 97.2 77.3 115.9

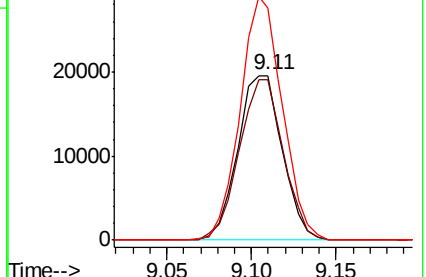
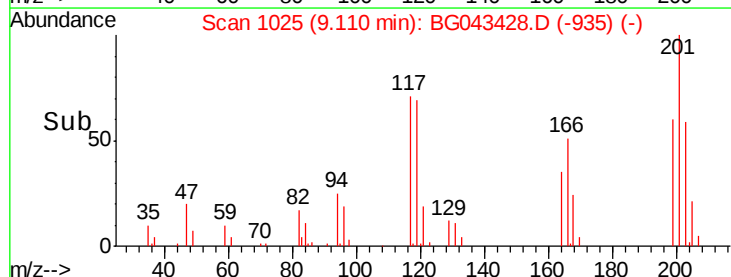
201 141.3 104.2 156.4

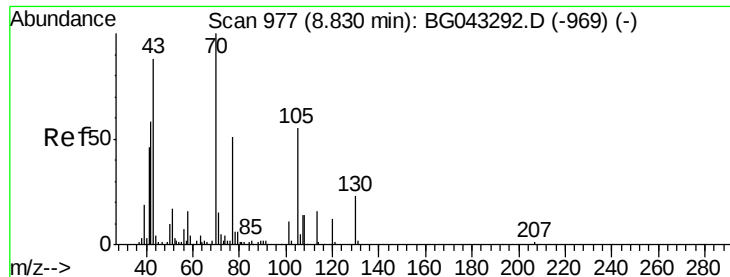


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

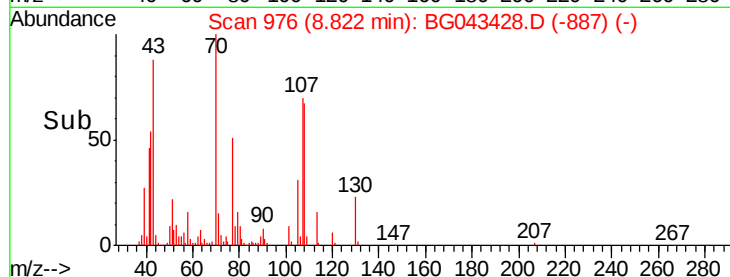
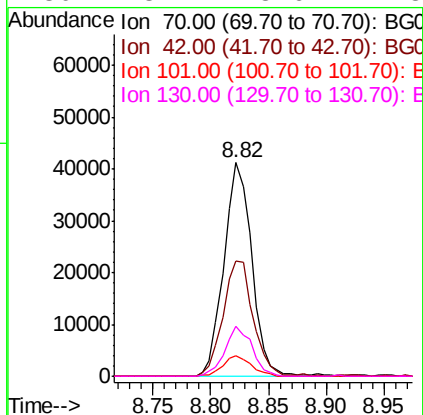
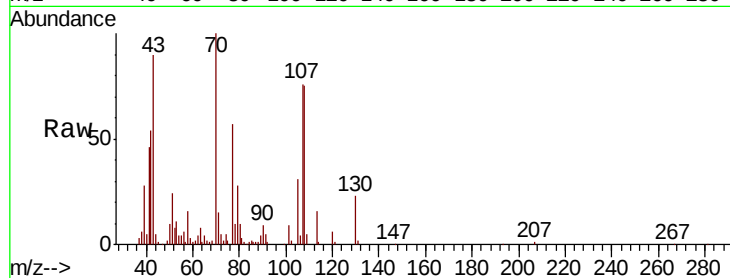




#19
n-Nitroso-di-n-propylamine
Concen: 40.757 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

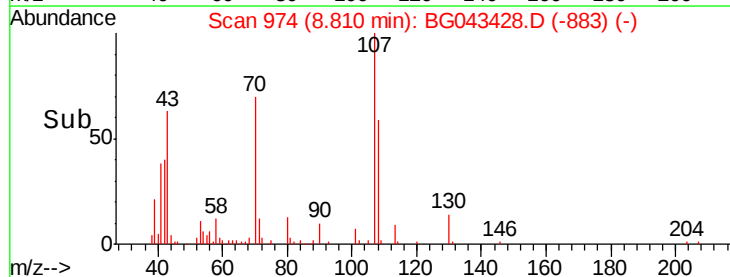
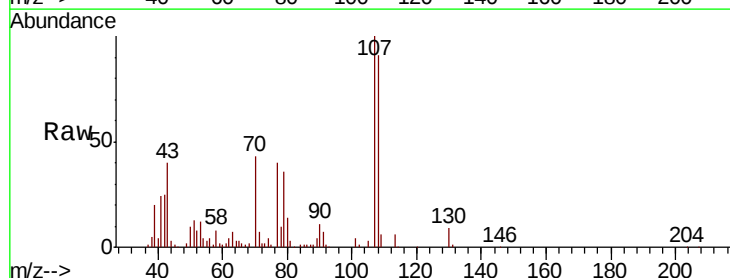
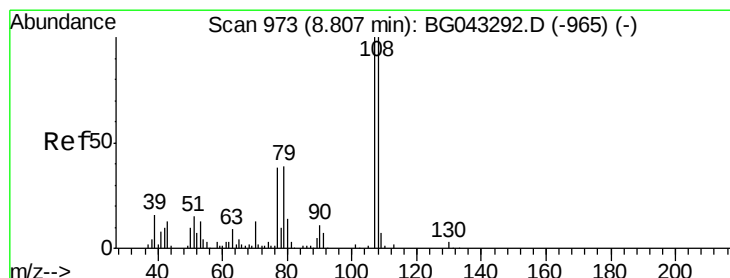
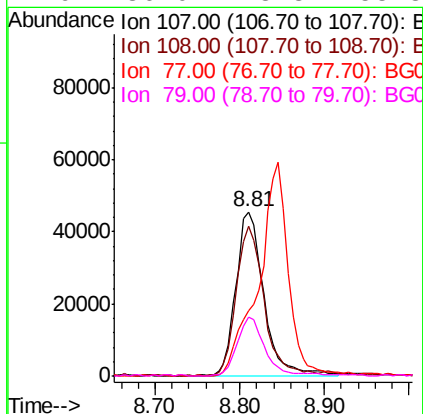
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	69105
Ion	Ratio	Lower	Upper
70	100		
42	54.2	46.2	69.2
101	9.4	8.6	13.0
130	23.2	18.6	27.8



#20
3+4-Methylphenols
Concen: 43.823 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion:	107	Resp:	105037
Ion	Ratio	Lower	Upper
107	100		
108	91.0	80.3	120.3
77	39.9	18.2	58.2
79	36.0	18.8	58.8

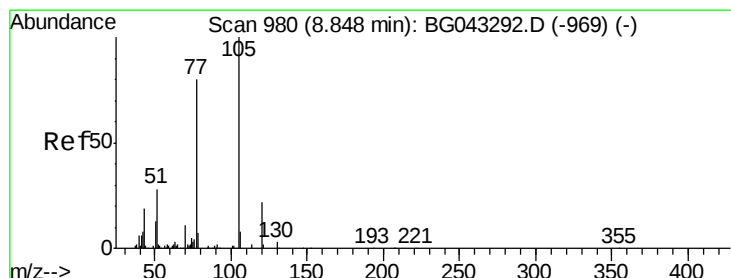
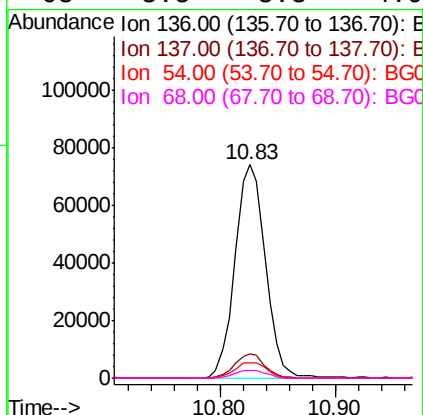
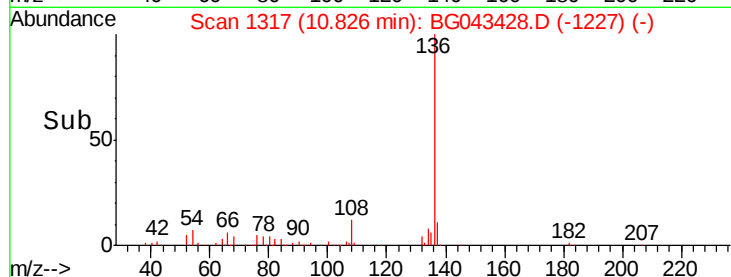
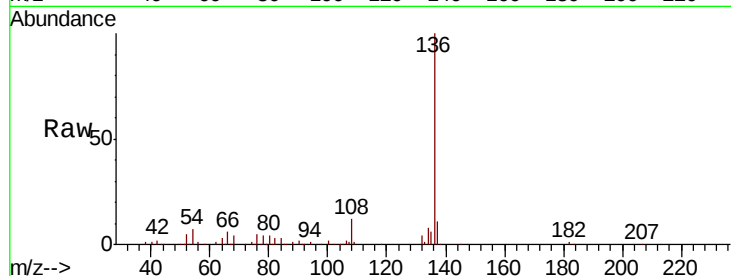




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

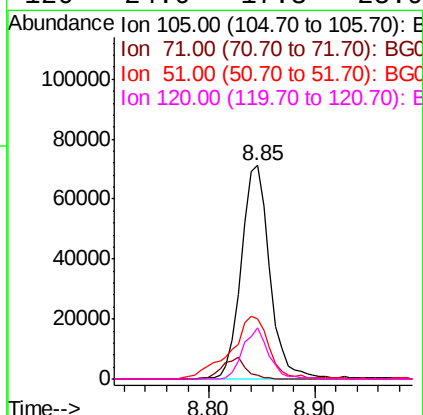
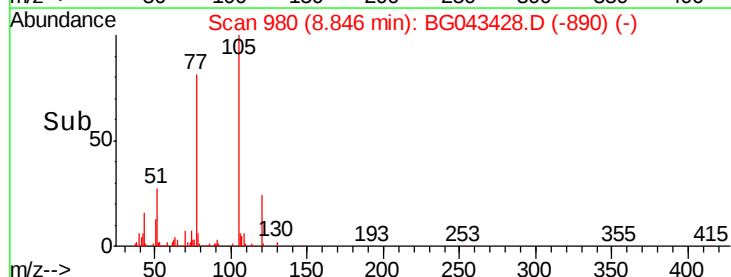
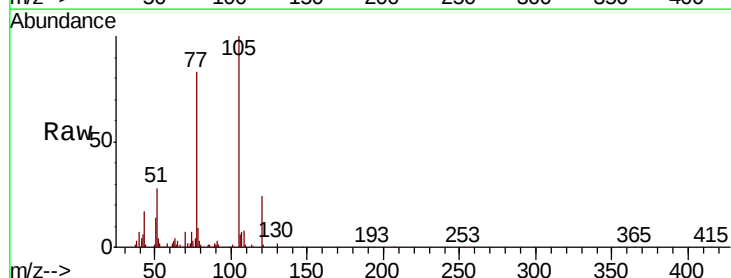
Instrument :
BNA_G
ClientSampleId :

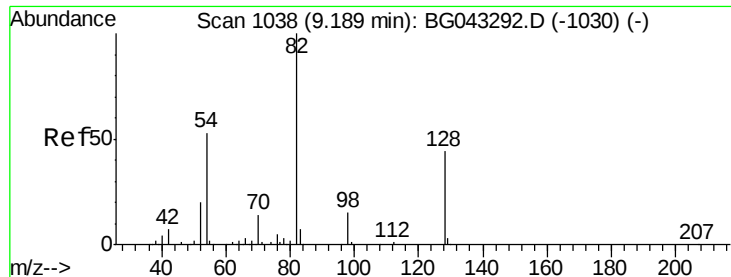
Tot Ion:136	Resp:	135687
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.2	12.2
54 7.0	5.4	8.2
68 3.5	3.3	4.9



#22
Acetophenone
Concen: 38.484 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt	Ion:105	Resp:	133723
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.5	2.3
51	27.9	23.9	35.9
120	24.0	17.3	25.9

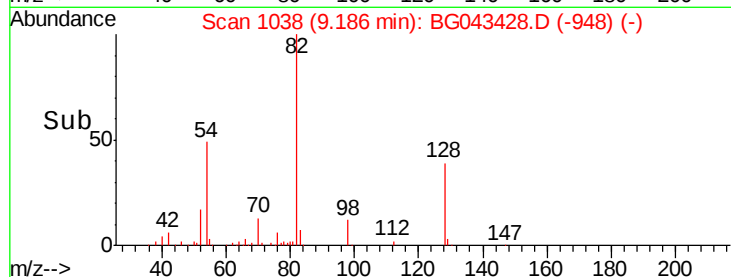
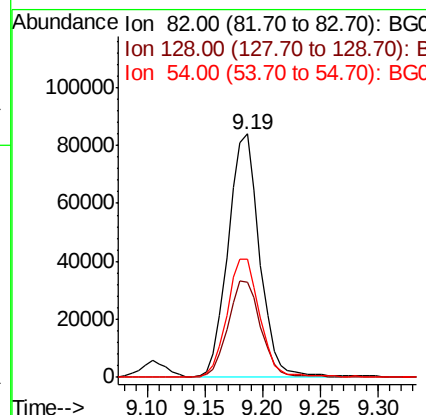
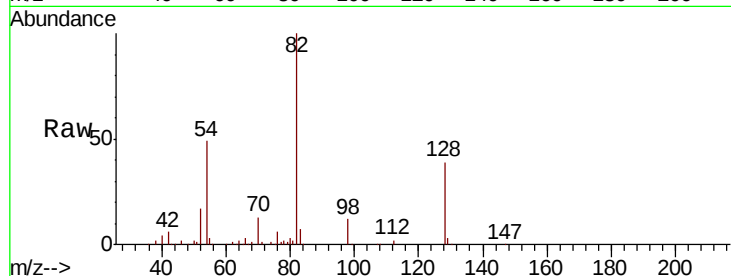




#23
 Nitrobenzene-d5
 Concen: 60.094 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

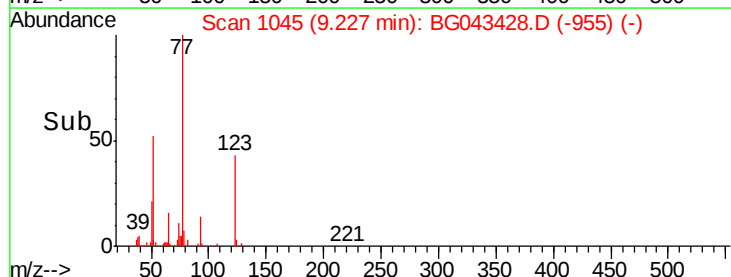
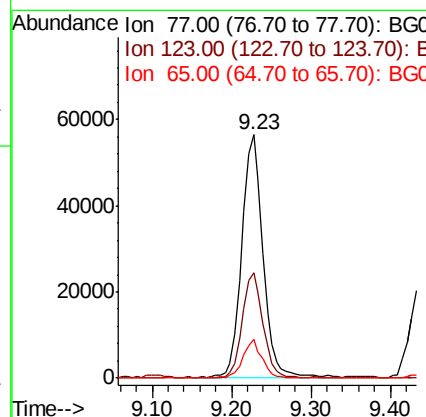
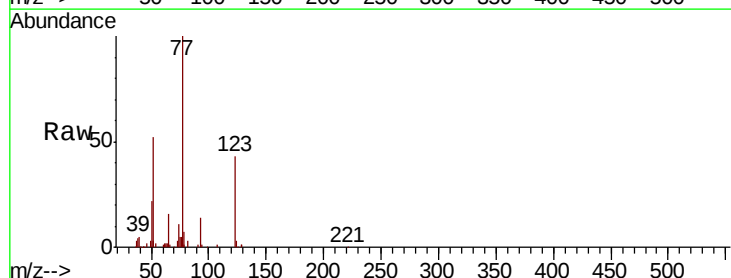
Instrument :
 BNA_G
 ClientSampled :

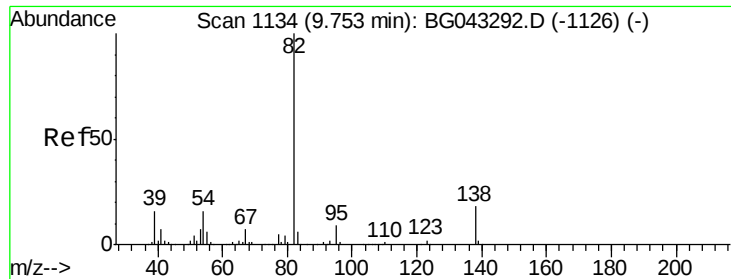
Tot Ion	82	Resp	158162
Ion Ratio	100	Lower	Upper
128	39.1	35.3	52.9
54	48.7	42.3	63.5



#24
 Nitrobenzene
 Concen: 42.238 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Tgt Ion	77	Resp	105899
Ion Ratio	100	Lower	Upper
123	43.0	33.8	50.8
65	15.9	13.0	19.4





#25

Isophorone

Concen: 39.088 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampled :

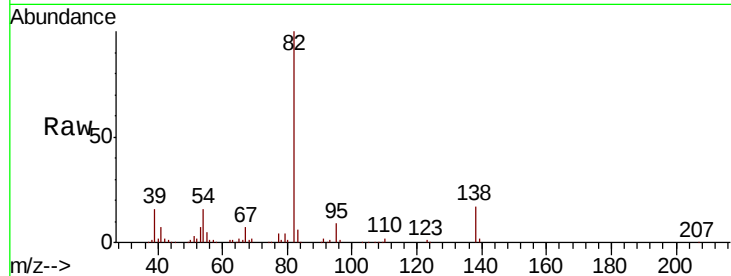
Tot Ion: 82 Resp: 188086

Ion Ratio Lower Upper

82 100

95 9.3 6.9 10.3

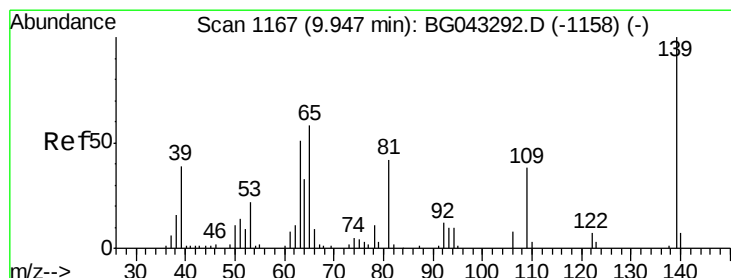
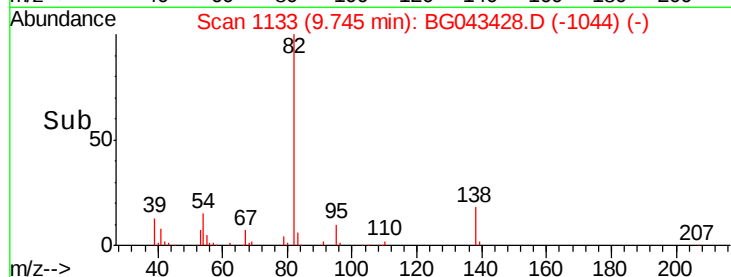
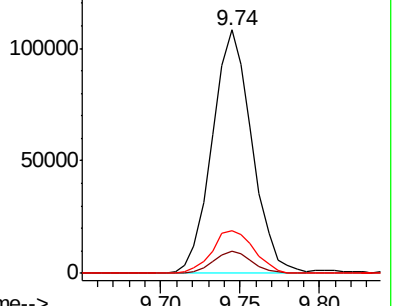
138 17.4 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BG043428.D (-1126) (-)

Ion 95.00 (94.70 to 95.70): BG043428.D (-1126) (-)

Ion 138.00 (137.70 to 138.70): BG043428.D (-1126) (-)



#26

2-Nitrophenol

Concen: 44.388 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

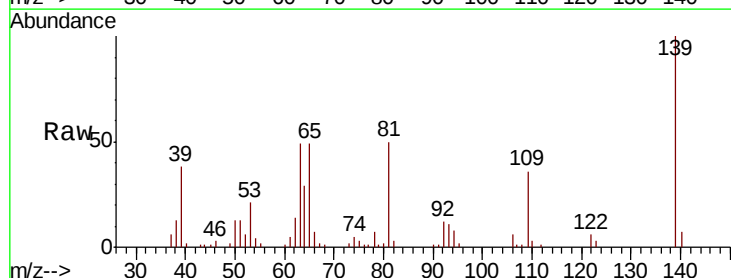
Tgt Ion: 139 Resp: 53729

Ion Ratio Lower Upper

139 100

109 35.7 30.1 45.1

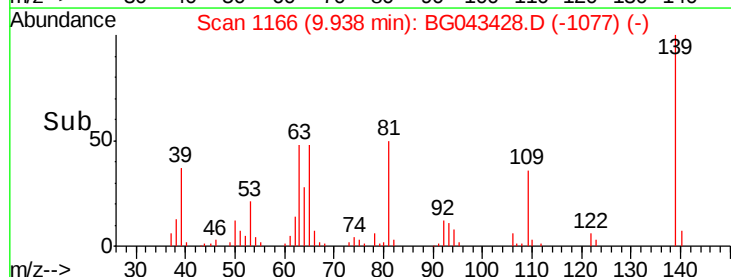
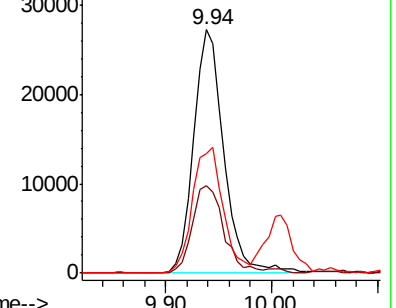
65 48.9 46.1 69.1

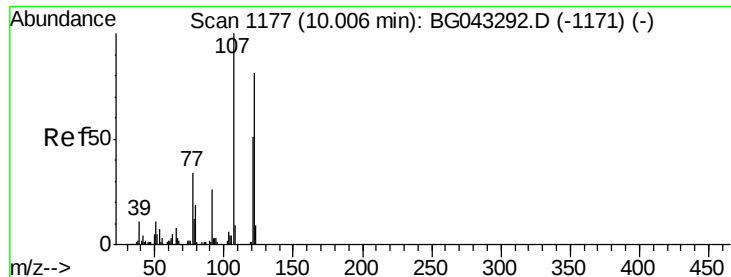


Abundance Ion 139.00 (138.70 to 139.70): BG043428.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG043428.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG043428.D (-1158) (-)

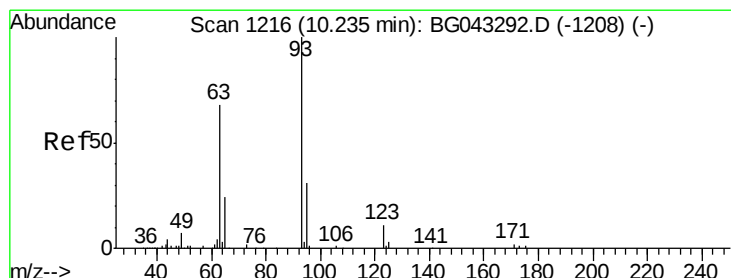
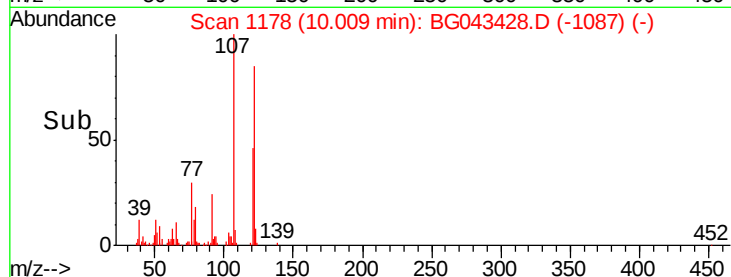
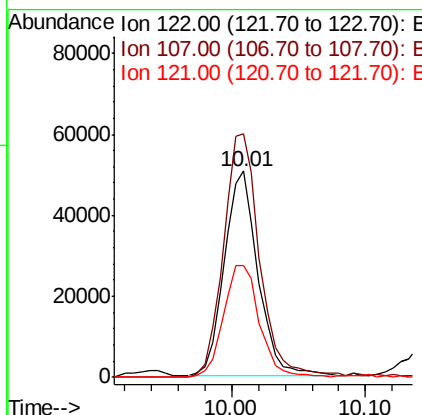
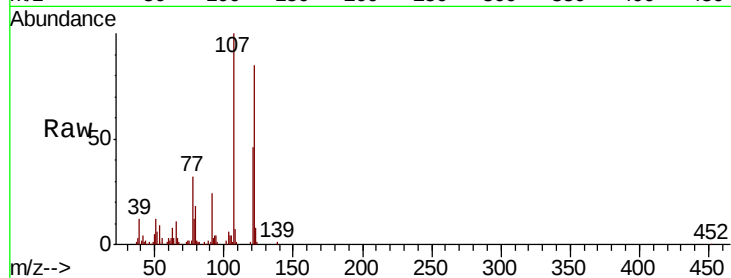




#27
2,4-Dimethylphenol
Concen: 51.371 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

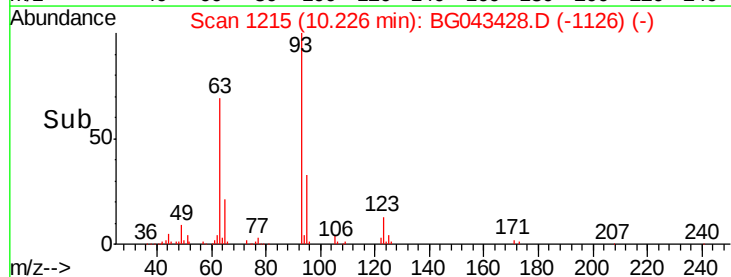
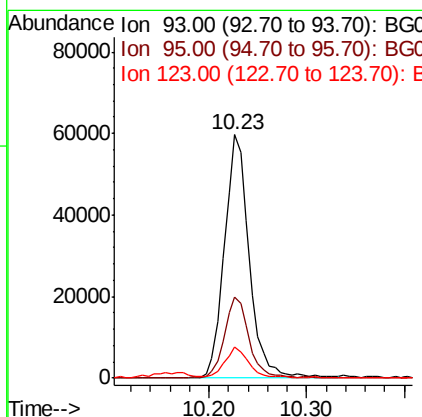
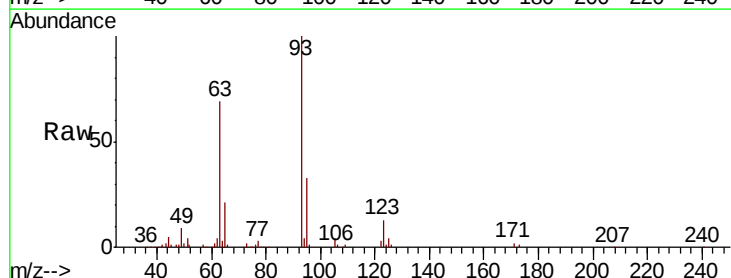
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 89122
Ion Ratio Lower Upper
122 100
107 118.1 98.6 147.8
121 54.4 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.638 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion: 93 Resp: 105268
Ion Ratio Lower Upper
93 100
95 33.1 24.9 37.3
123 12.6 8.9 13.3

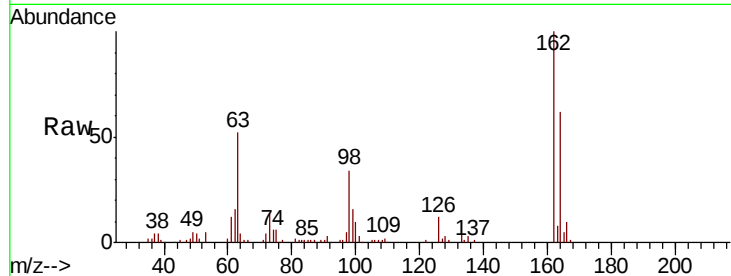




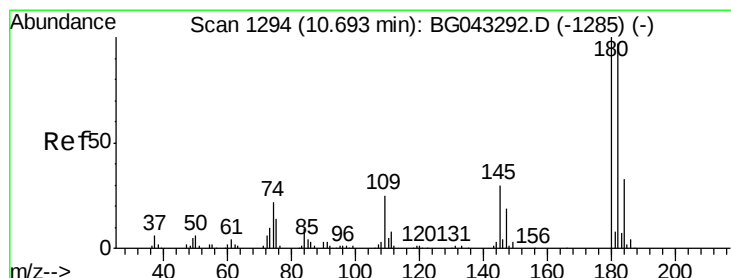
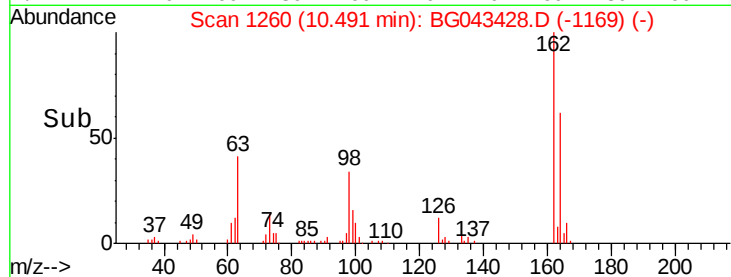
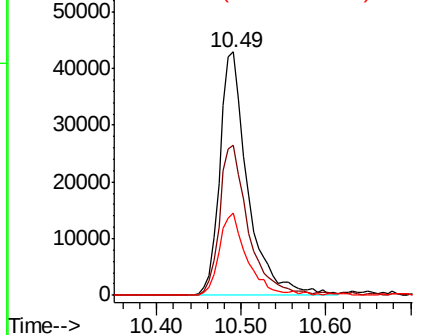
#29
 2,4-Dichlorophenol
 Concen: 44.552 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	37.3	77.3
98	33.7	11.8	51.8

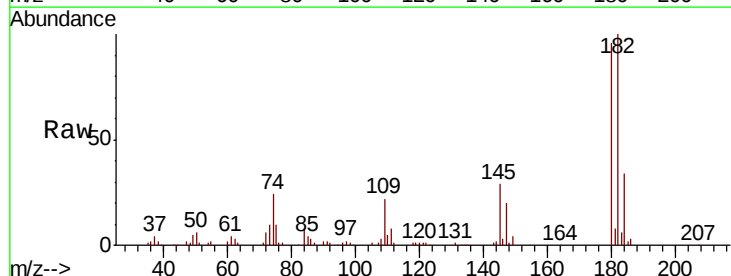


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

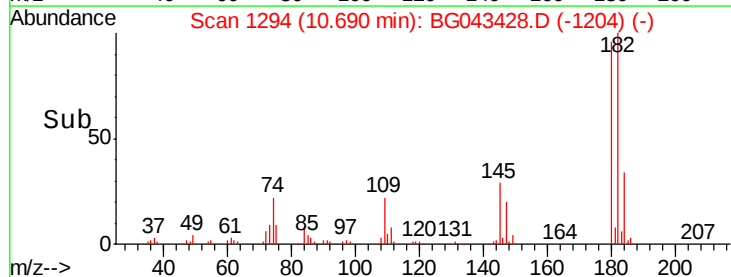
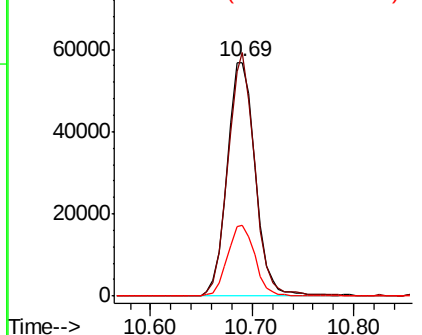


#30
 1,2,4-Trichlorobenzene
 Concen: 38.976 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.3	77.8	116.8
145	30.3	23.6	35.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

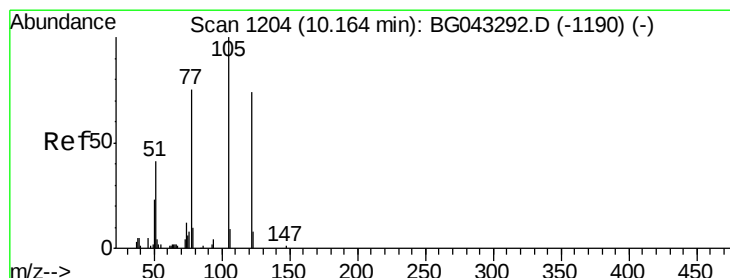
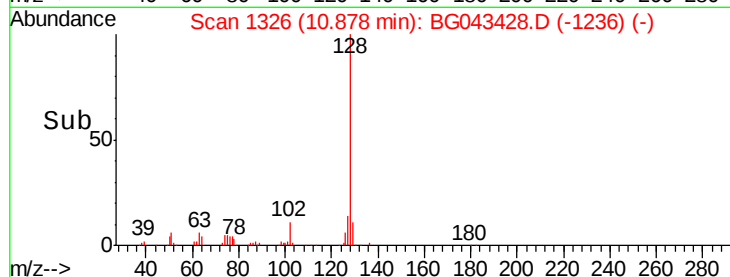
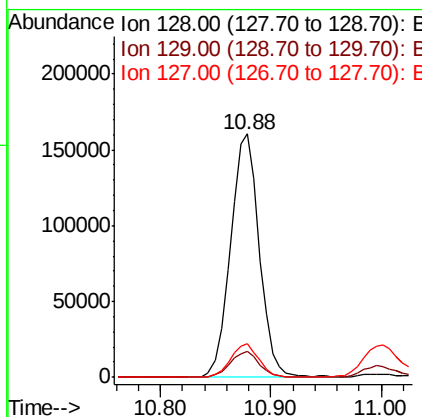
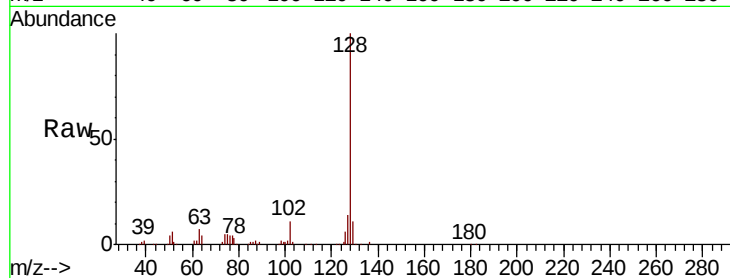




#31
Naphthalene
Concen: 42.594 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

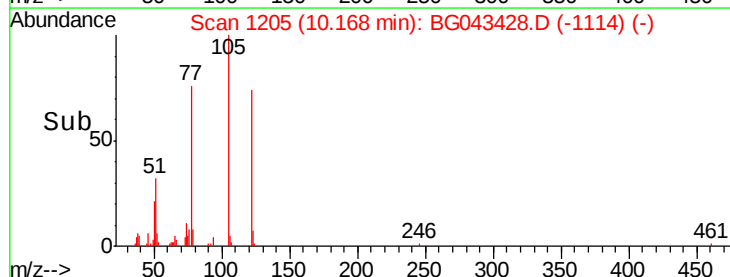
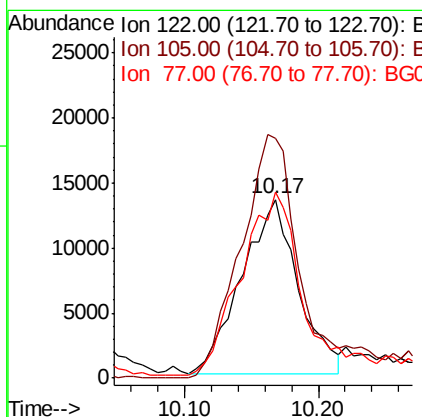
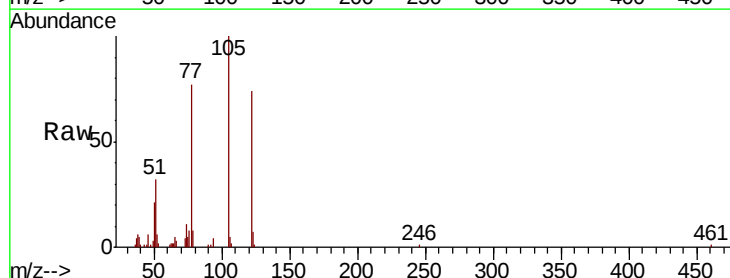
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.8	11.5	17.3



#32
Benzoic acid
Concen: 33.401 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	112.4	152.4
77	104.0	82.7	122.7

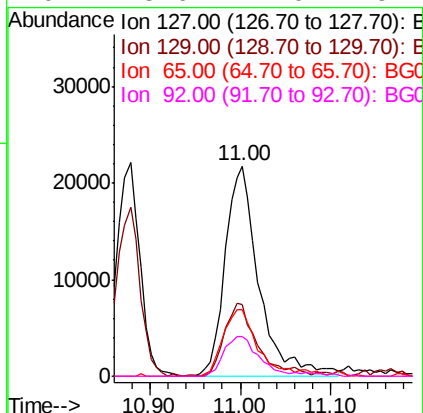
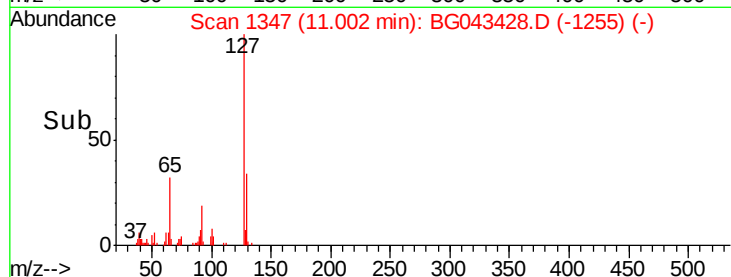
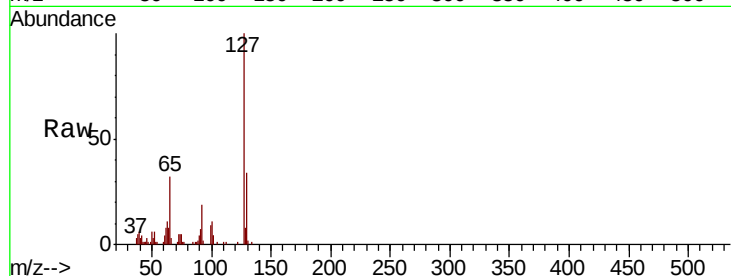




#33
4-Chloroaniline
Concen: 19.883 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

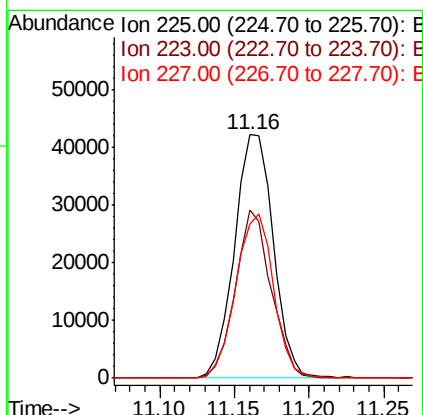
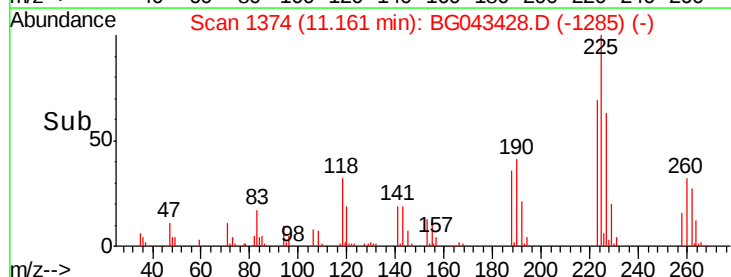
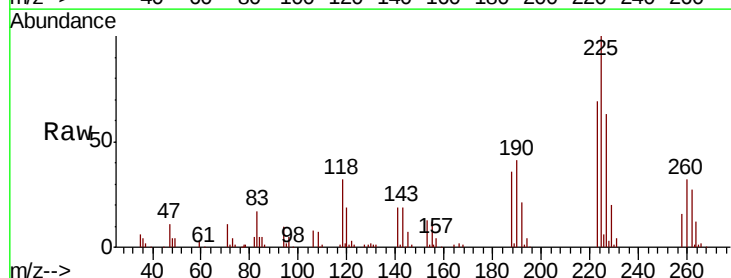
Instrument :
BNA_G
ClientSampleId :

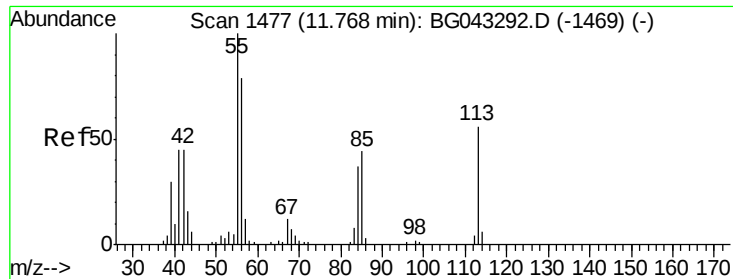
Tot Ion:	127	Resp:	56133
Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.8	38.8
65	31.8	26.2	39.2
92	18.6	17.0	25.4



#34
Hexachlorobutadiene
Concen: 36.915 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion:	225	Resp:	76451
Ion	Ratio	Lower	Upper
225	100		
223	68.9	53.2	79.8
227	63.0	56.2	84.2





#35

Caprolactam

Concen: 26.617 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

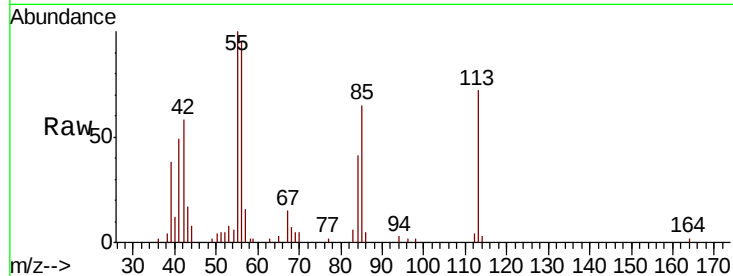
Tot Ion:113 Resp: 20377

Ion Ratio Lower Upper

113 100

55 139.5 158.9 198.9#

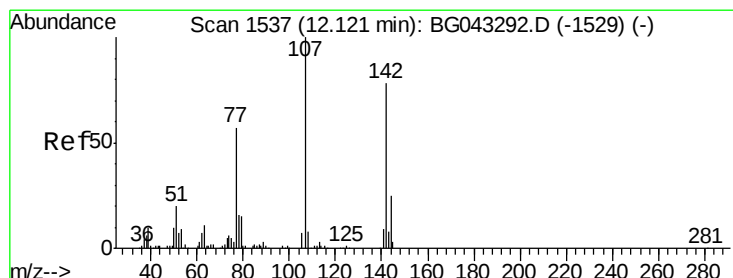
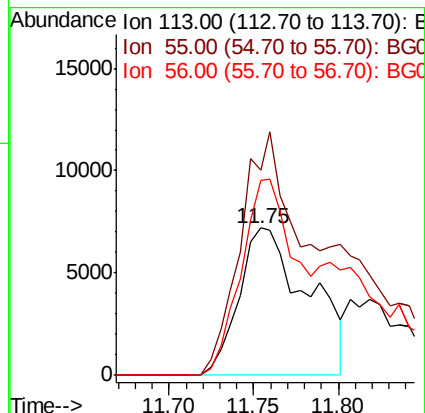
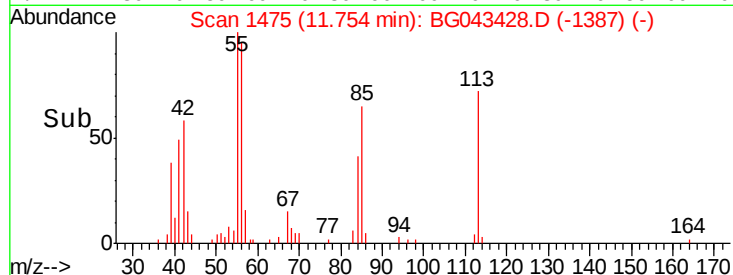
56 132.8 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.047 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

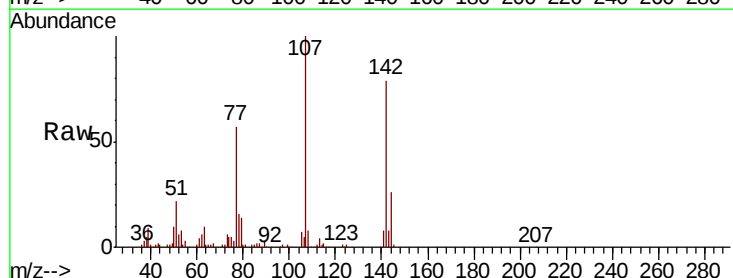
Tgt Ion:107 Resp: 104374

Ion Ratio Lower Upper

107 100

144 26.5 19.9 29.9

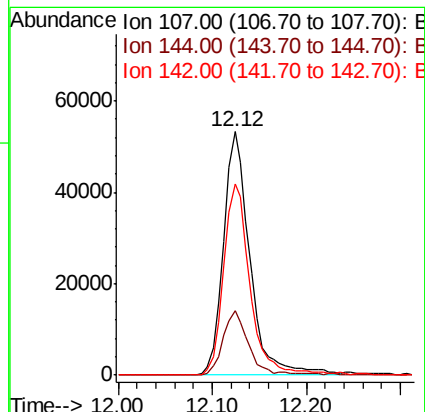
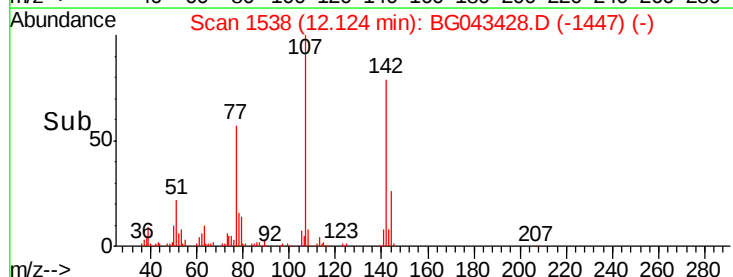
142 78.6 62.1 93.1



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

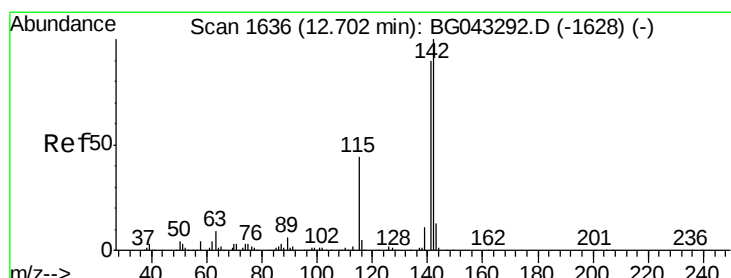
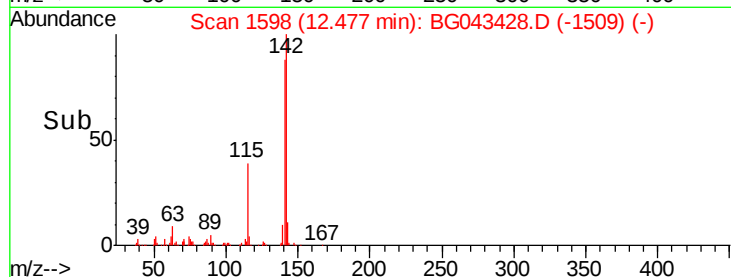
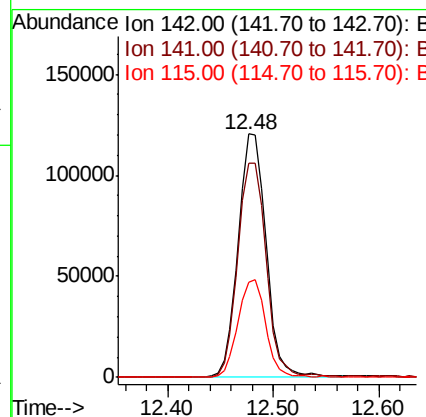
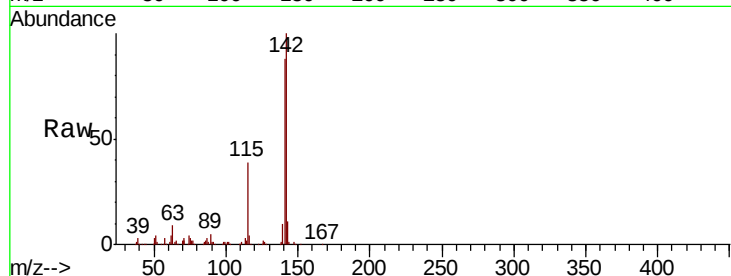




#37
 2-Methylnaphthalene
 Concen: 41.800 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

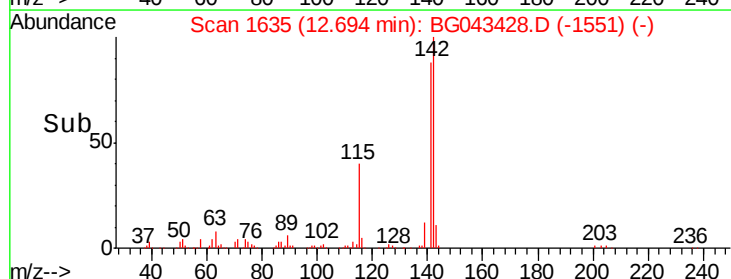
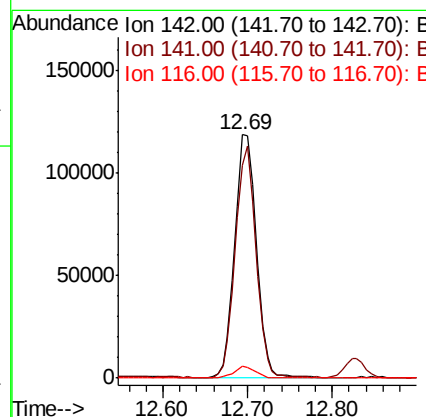
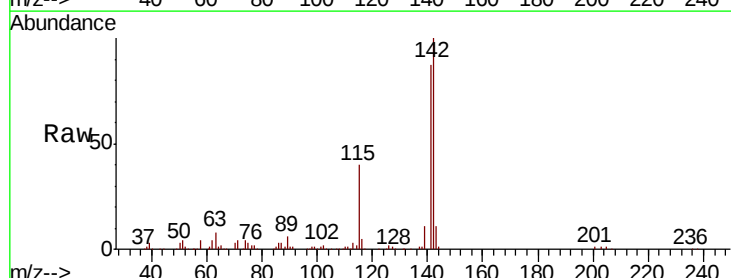
Instrument :
 BNA_G
 ClientSampleId :

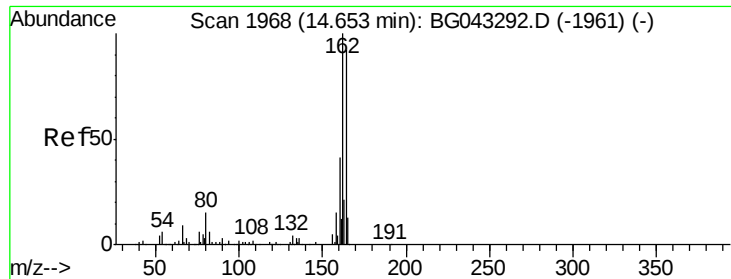
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.7	104.5
115	39.0	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 41.992 ng
 RT: 12.69 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.3	108.5
116	4.8	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

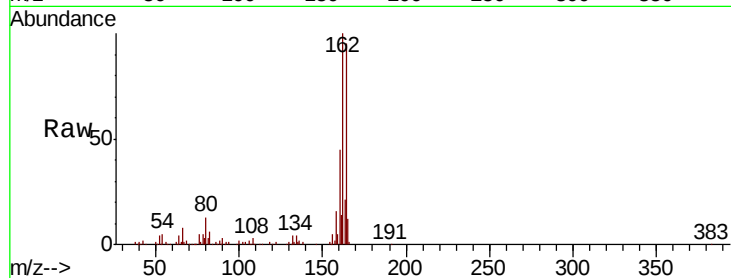
Tot Ion:164 Resp: 112578

Ion Ratio Lower Upper

164 100

162 105.2 87.0 130.4

160 47.0 35.5 53.3

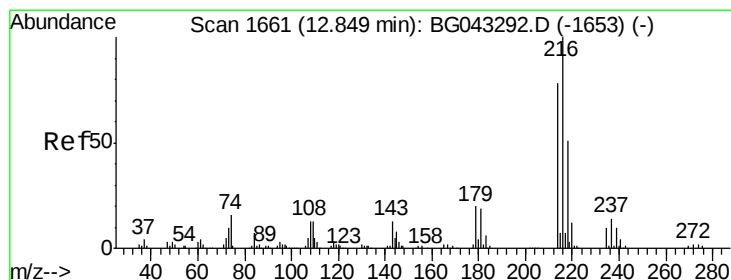
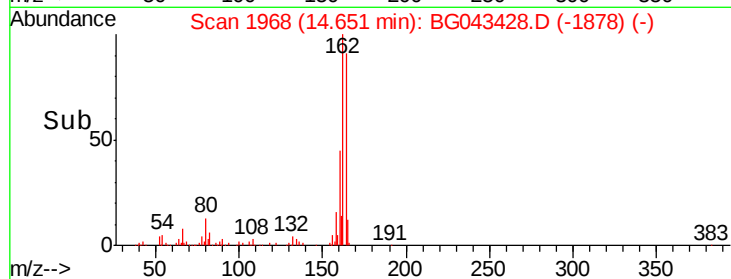
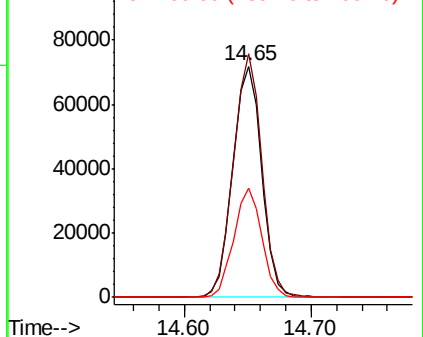


Abundance

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: 34.318 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Tgt Ion:216 Resp: 142982

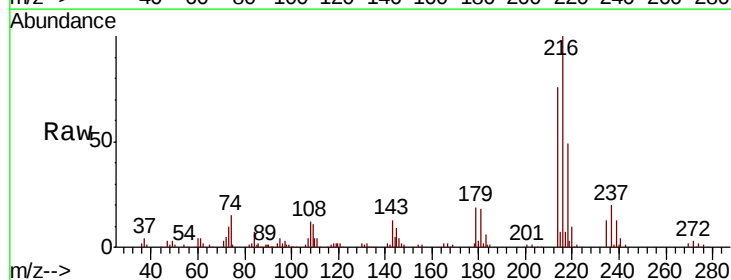
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 19.3 16.2 24.2

108 16.1 11.2 16.8



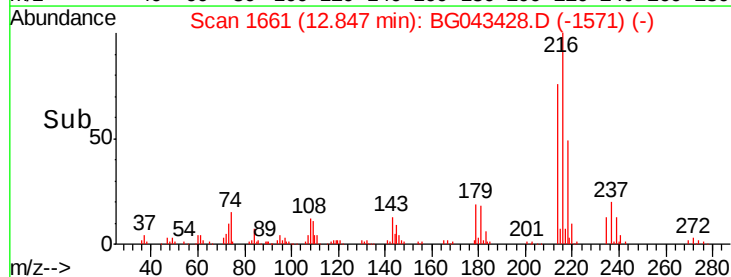
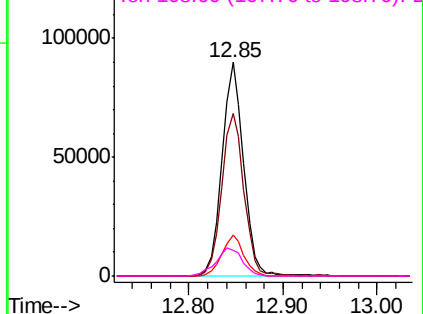
Abundance

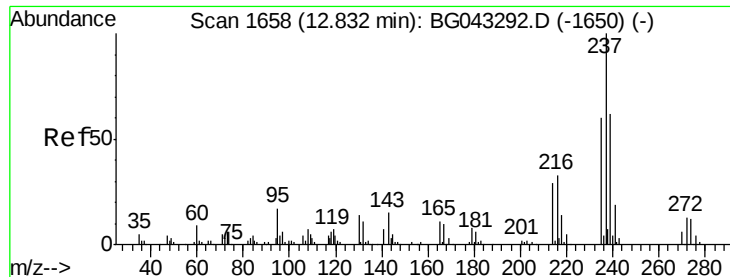
Ion 216.00 (215.70 to 216.70): E

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: 76.728 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

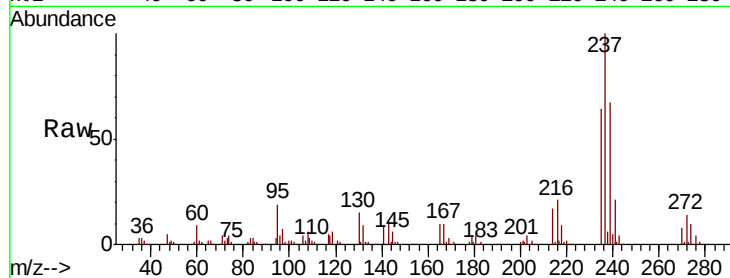
Tot Ion:237 Resp: 167927

Ion Ratio Lower Upper

237 100

235 64.1 40.3 80.3

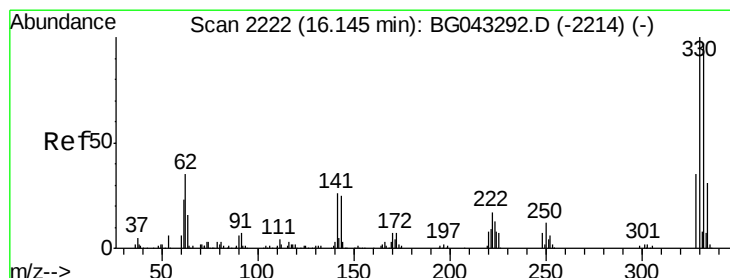
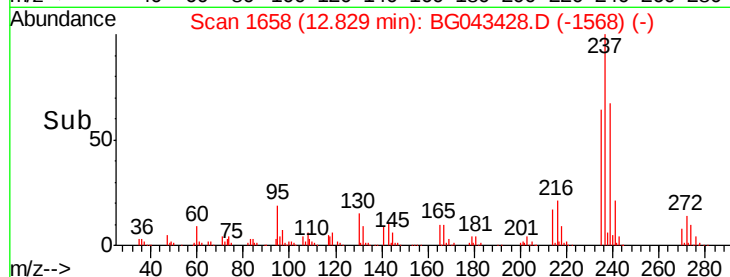
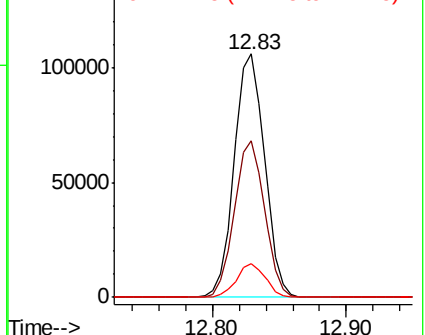
272 14.0 0.0 32.9



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: 96.945 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

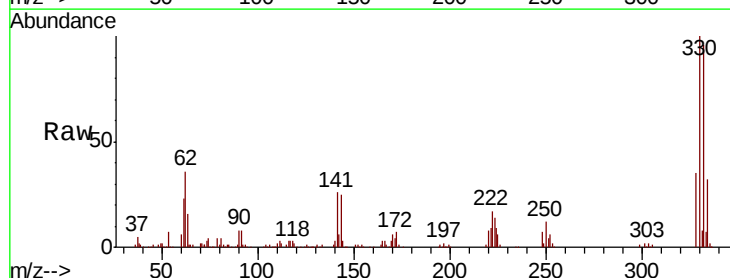
Tgt Ion:330 Resp: 207692

Ion Ratio Lower Upper

330 100

332 96.4 76.4 114.6

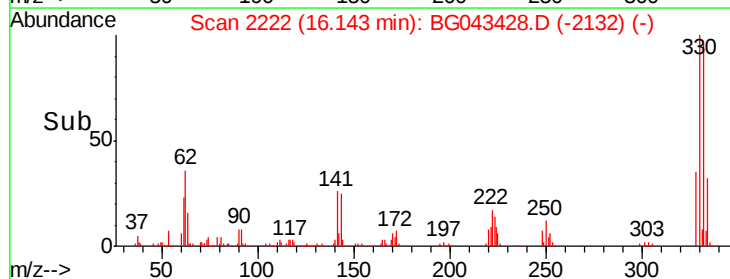
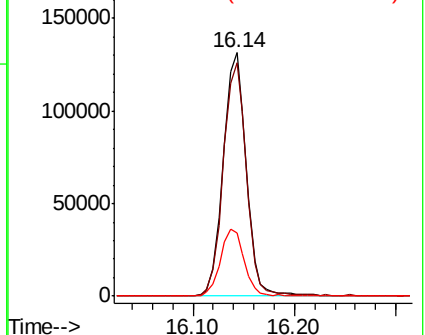
141 28.6 21.4 32.0

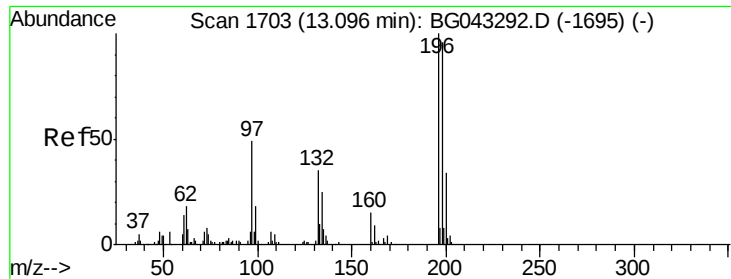


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

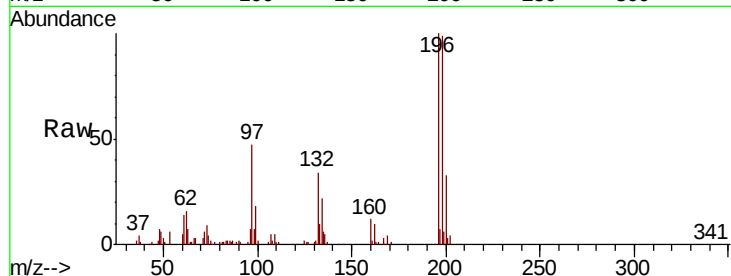




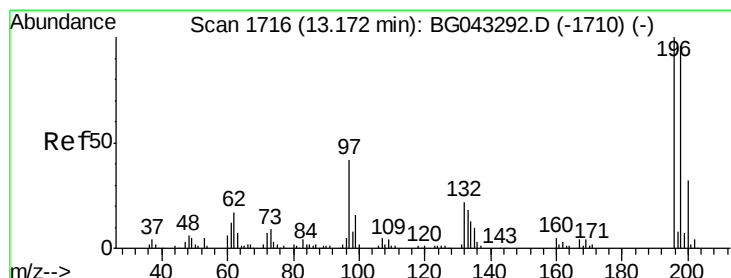
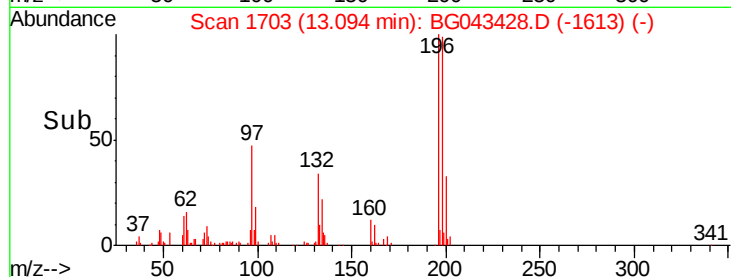
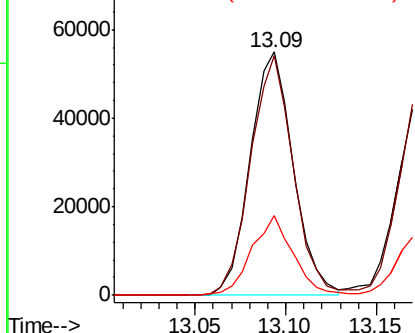
#43
 2,4,6-Trichlorophenol
 Concen: 36.995 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 90772
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.0 115.4
 200 32.7 27.4 41.2

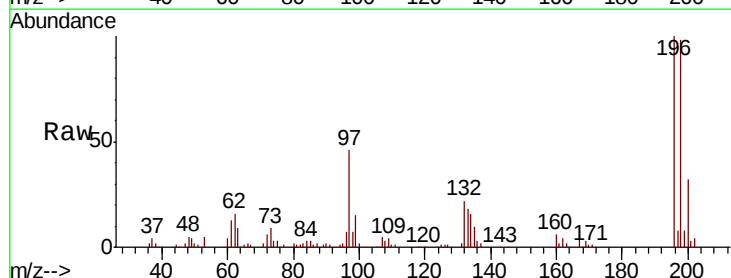


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

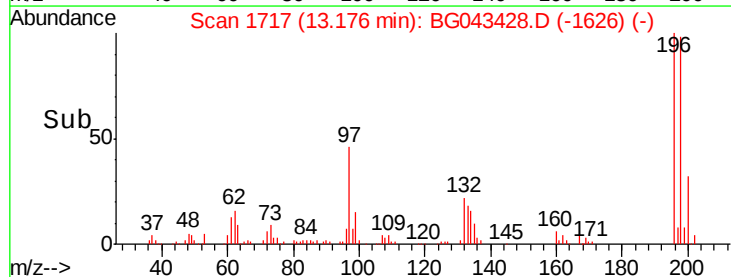
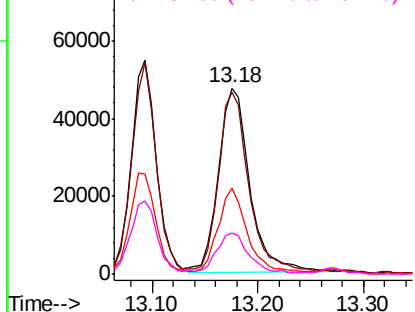


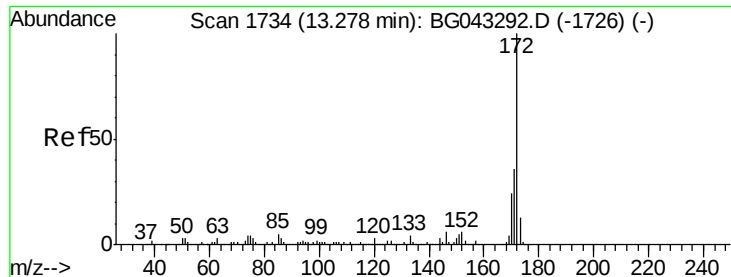
#44
 2,4,5-Trichlorophenol
 Concen: 39.744 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Tgt Ion:196 Resp: 98587
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.6 114.8
 97 46.1 34.1 51.1
 132 22.0 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



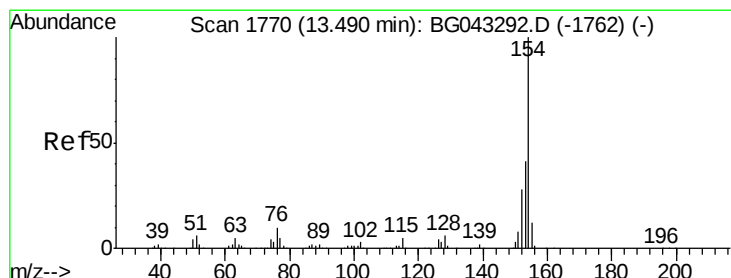
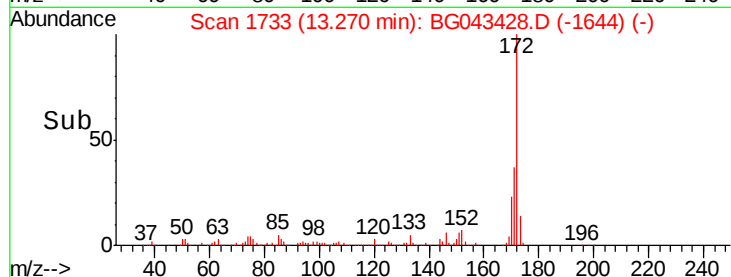
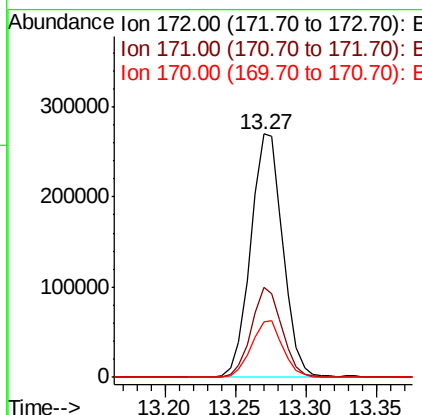
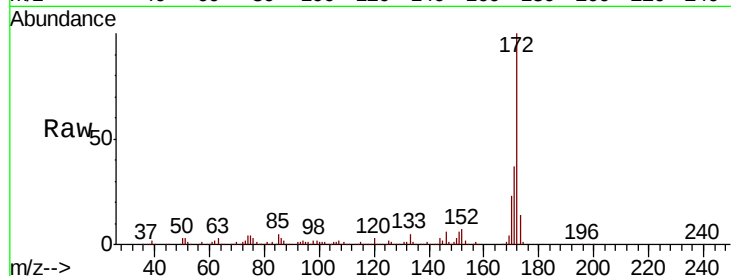


#45
 2-Fluorobiphenyl
 Concen: 53.023 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 431985

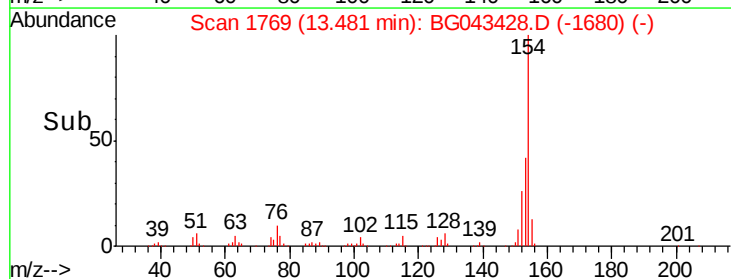
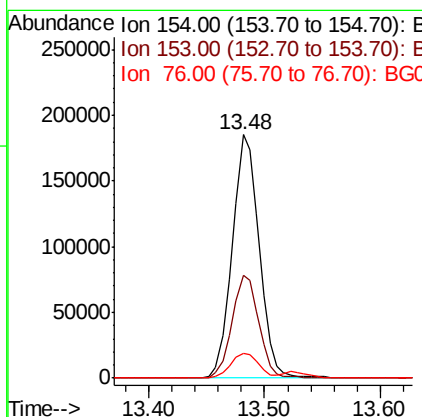
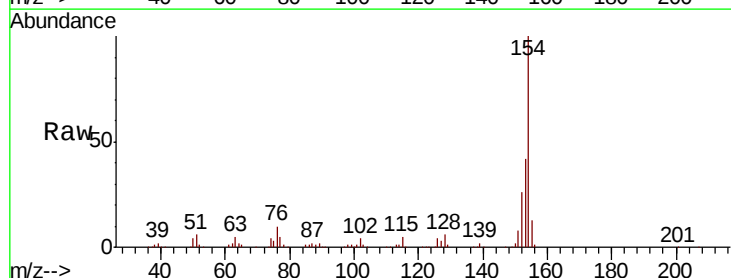
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.5	42.7
170	23.0	18.8	28.2

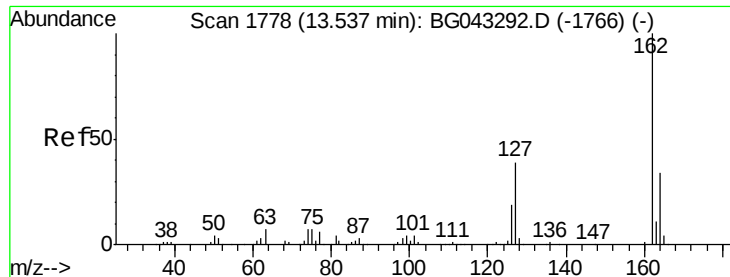


#46
 1,1'-Biphenyl
 Concen: 34.847 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Tgt Ion:154 Resp: 298441

Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.0	61.0
76	10.0	0.0	29.8

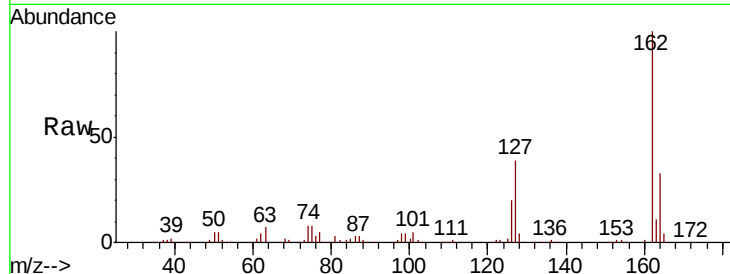




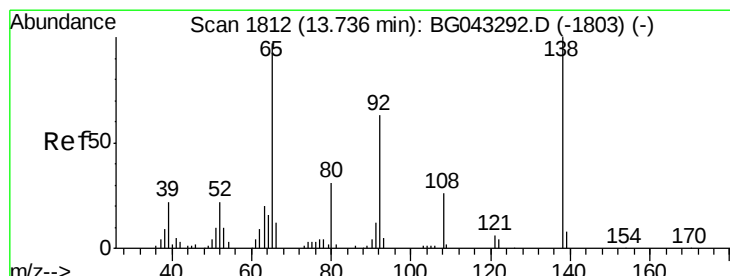
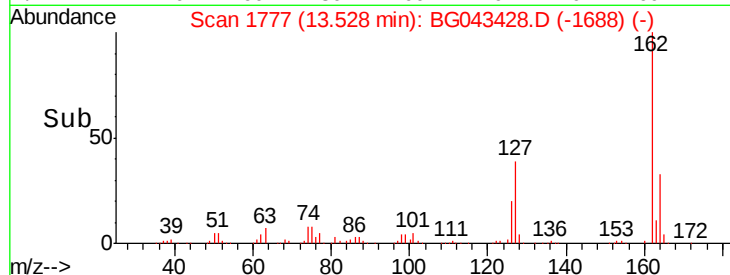
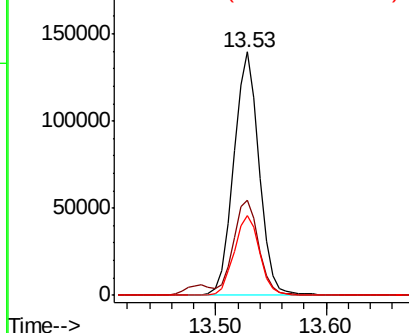
#47
2-Chloronaphthalene
Concen: 34.637 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.3	46.9
164	32.5	26.8	40.2

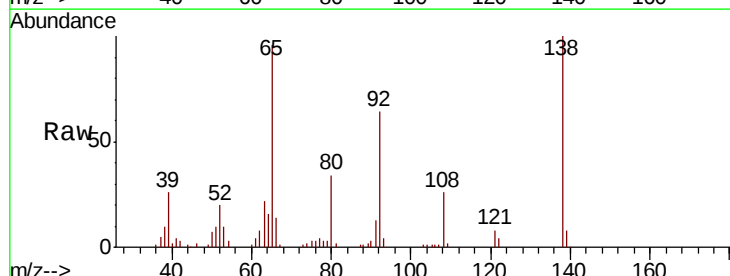


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

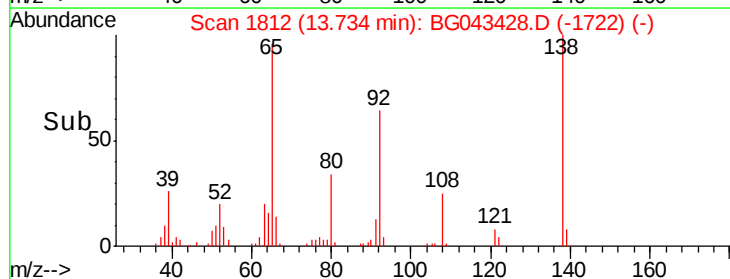
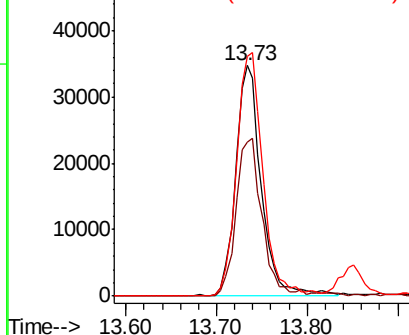


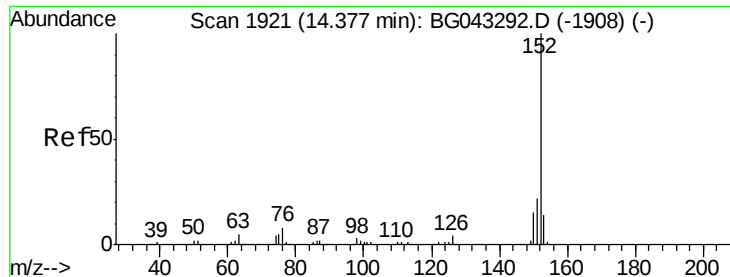
#48
2-Nitroaniline
Concen: 35.231 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.6	79.0
138	103.8	82.9	124.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.809 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

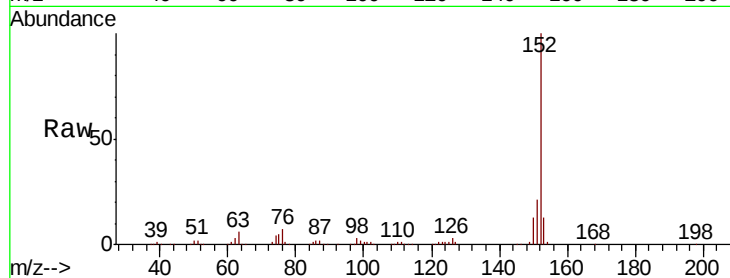
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 373303

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	13.1	11.0	16.6

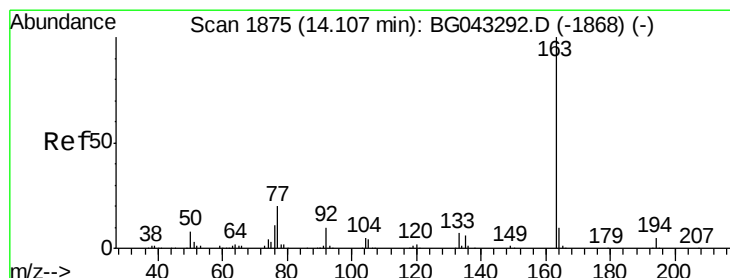
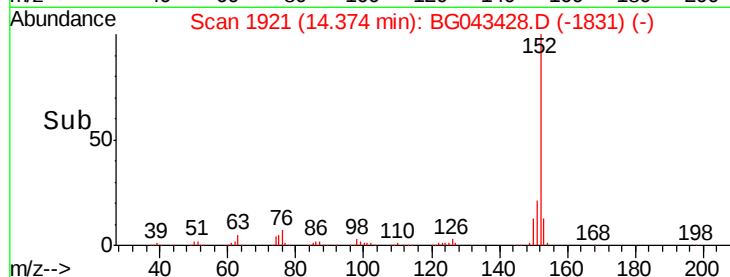
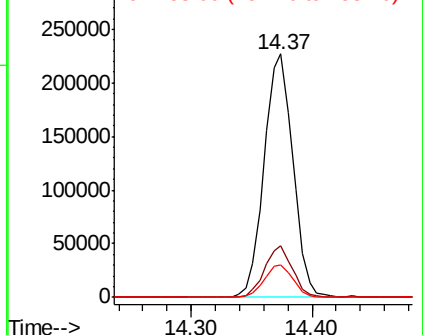


Abundance

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: 34.510 ng

RT: 14.10 min Scan# 1875

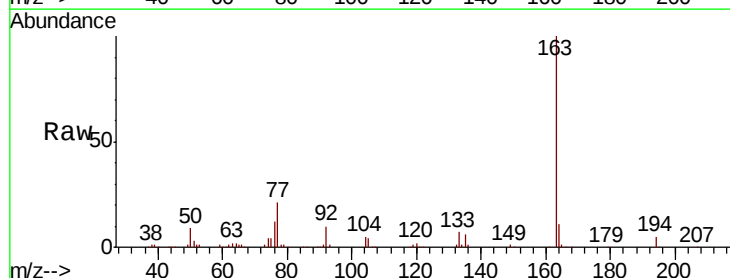
Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Tgt Ion:163 Resp: 300926

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.7	5.5
164	10.9	8.1	12.1

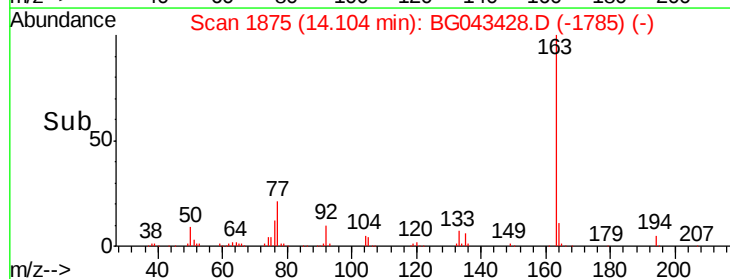
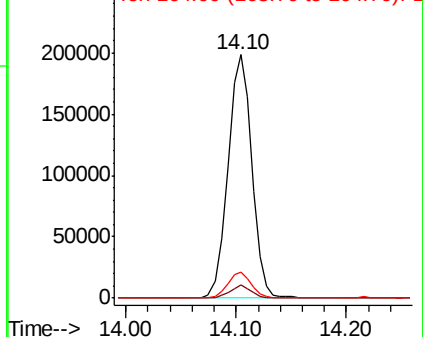


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

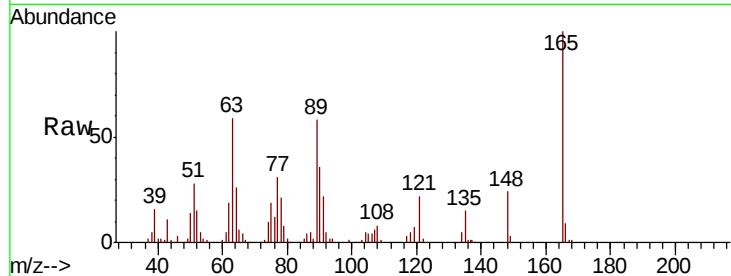




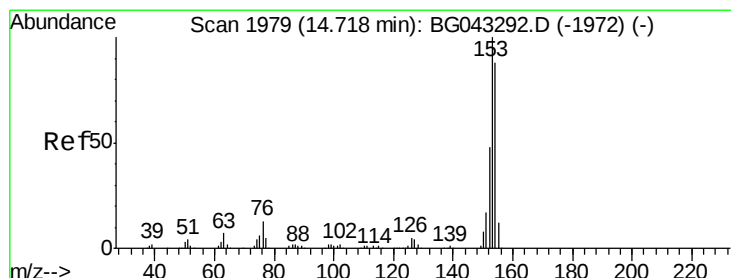
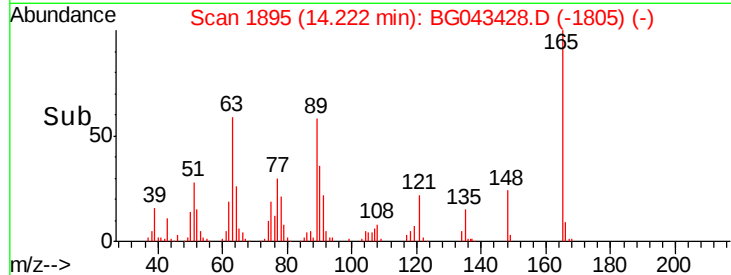
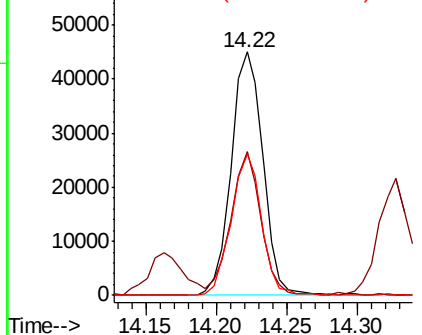
#51
 2,6-Dinitrotoluene
 Concen: 37.190 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 70453
 Ion Ratio Lower Upper
 165 100
 63 59.2 47.1 70.7
 89 58.2 43.7 65.5

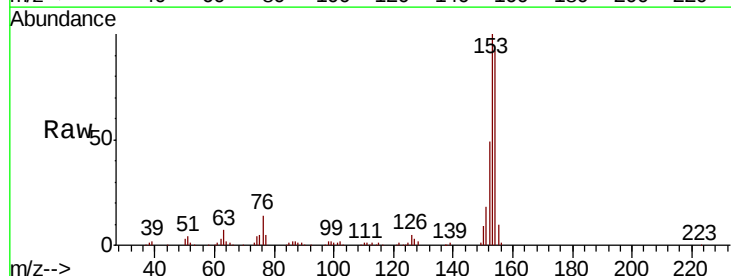


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

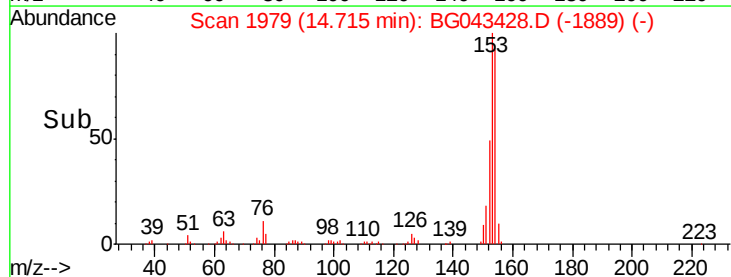
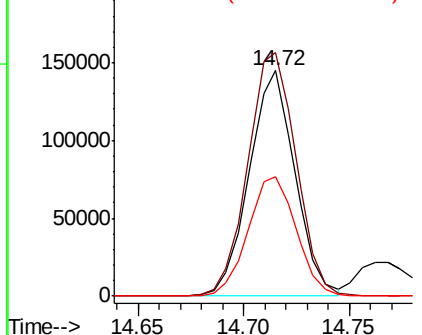


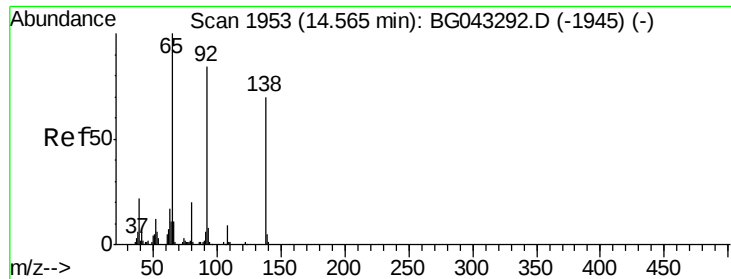
#52
 Acenaphthene
 Concen: 35.346 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Tgt Ion:154 Resp: 218609
 Ion Ratio Lower Upper
 154 100
 153 108.1 90.9 136.3
 152 52.9 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

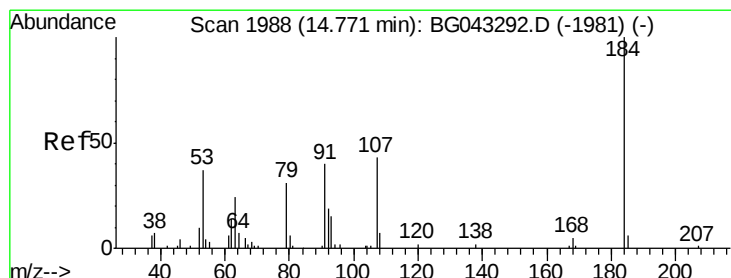
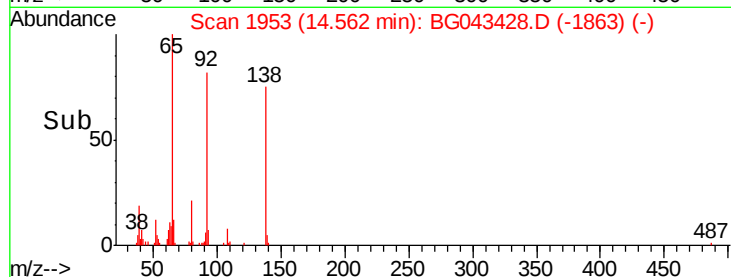
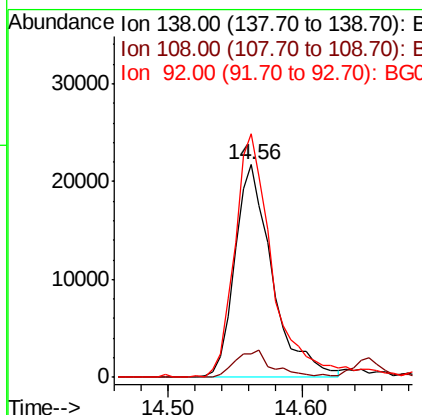
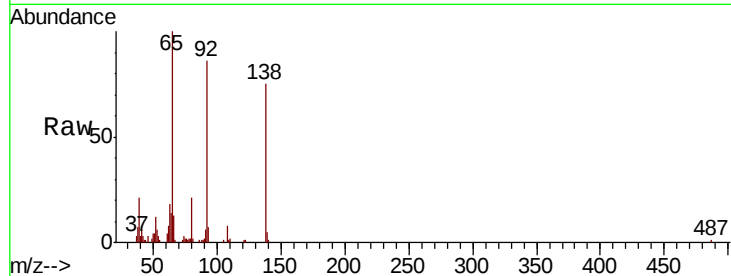




#53
3-Nitroaniline
Concen: 23.125 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

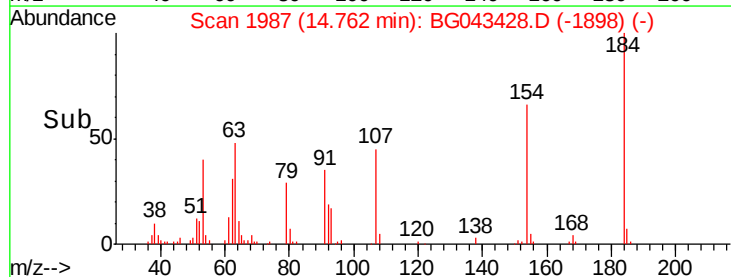
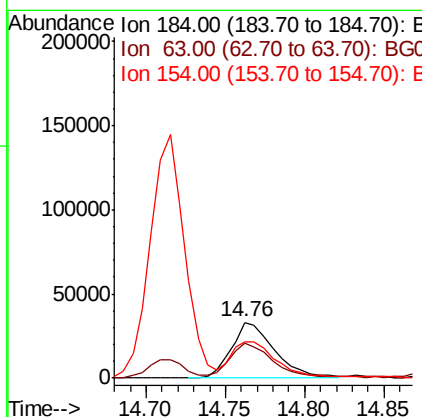
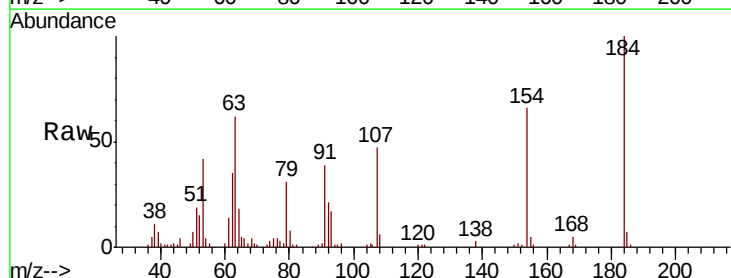
Instrument :
BNA_G
ClientSampleId :

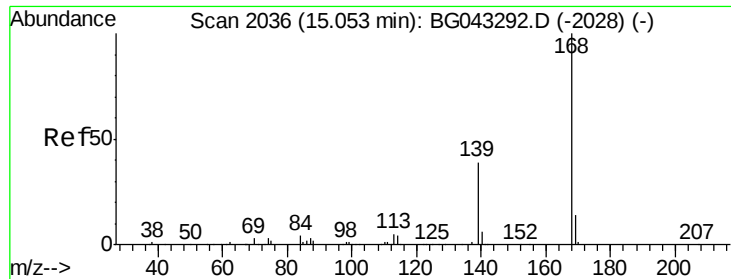
Tot Ion:138 Resp: 42296
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.6
92 114.4 95.8 143.6



#54
2,4-Dinitrophenol
Concen: 55.405 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion:184 Resp: 62628
Ion Ratio Lower Upper
184 100
63 62.3 48.8 73.2
154 66.0 49.4 74.0





#55

Dibenzenofuran

Concen: 36.222 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

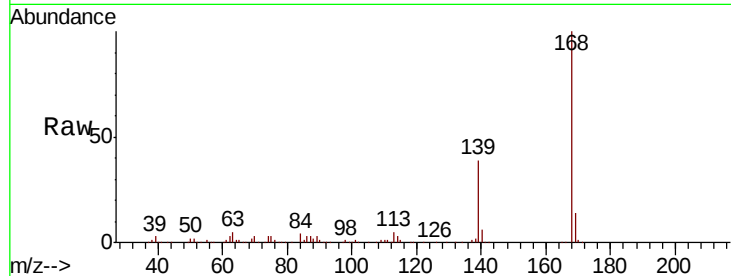
Tot Ion:168 Resp: 363289

Ion Ratio Lower Upper

168 100

139 38.7 31.7 47.5

169 14.2 11.0 16.4

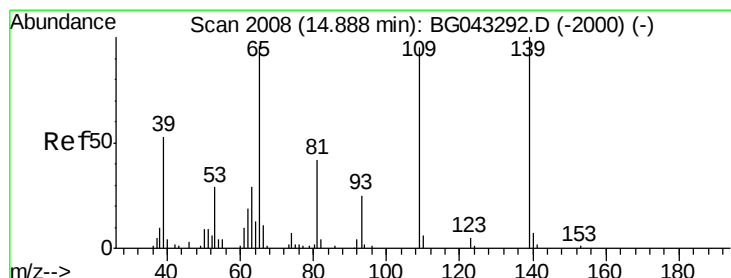
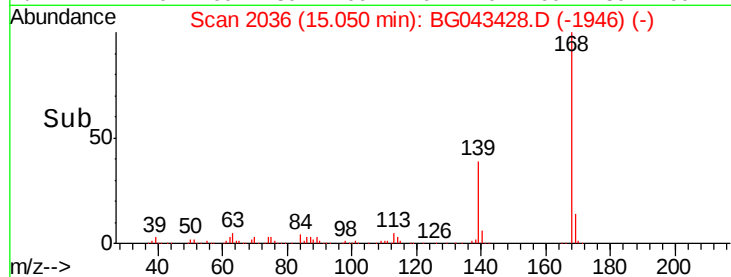
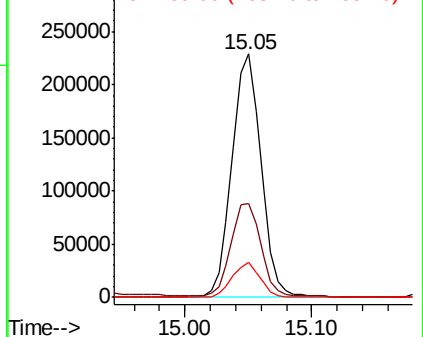


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.964 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

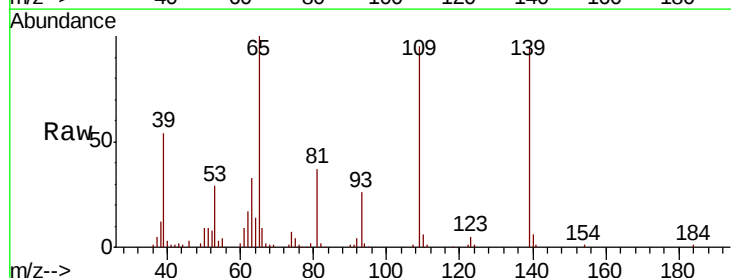
Tgt Ion:139 Resp: 96784

Ion Ratio Lower Upper

139 100

109 99.1 75.4 115.4

65 104.8 76.6 116.6

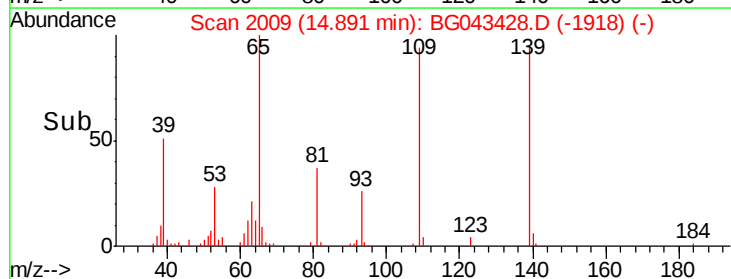
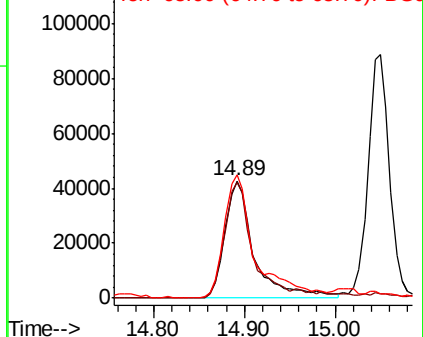


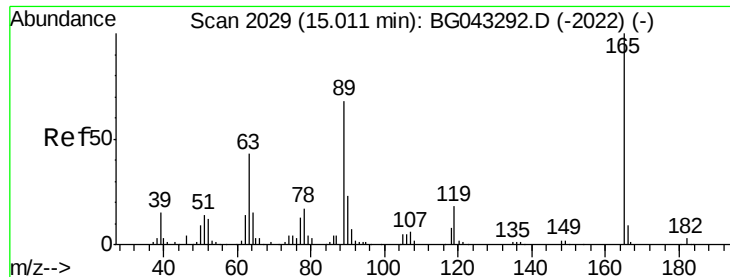
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

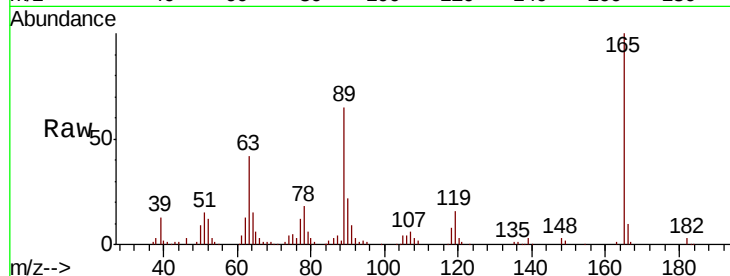




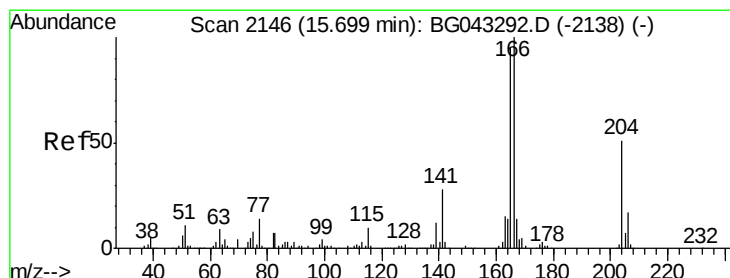
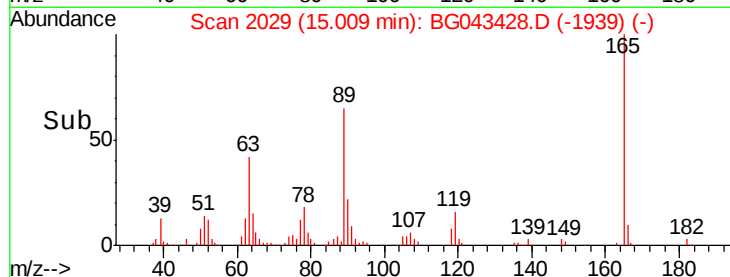
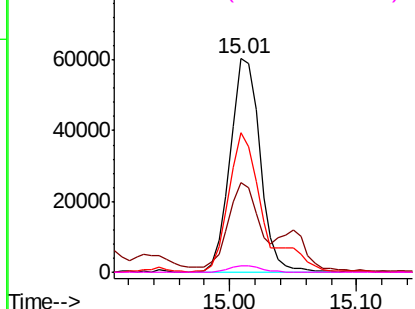
#57
2,4-Dinitrotoluene
Concen: 36.405 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	35.0	52.6
89	65.3	54.1	81.1
182	3.1	2.2	3.2

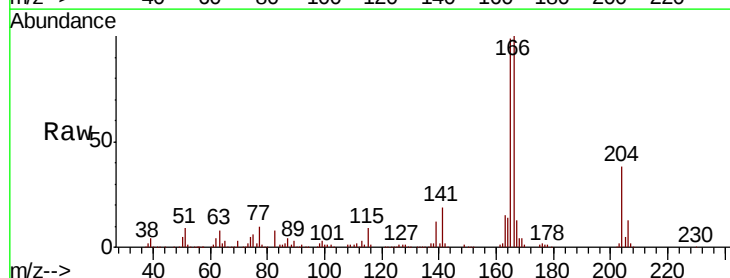


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

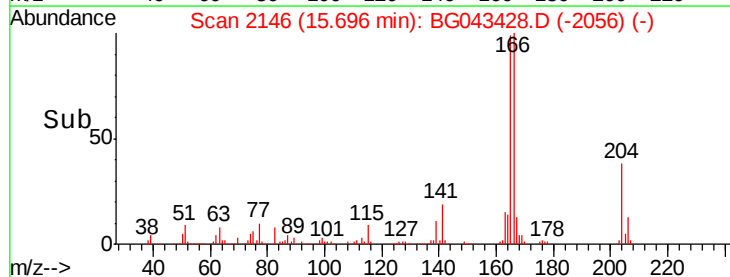
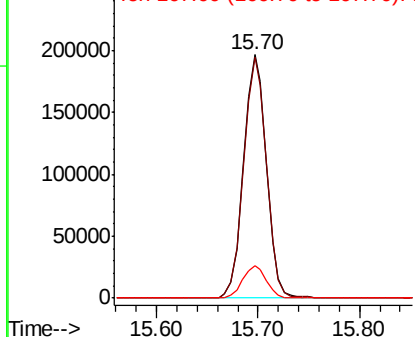


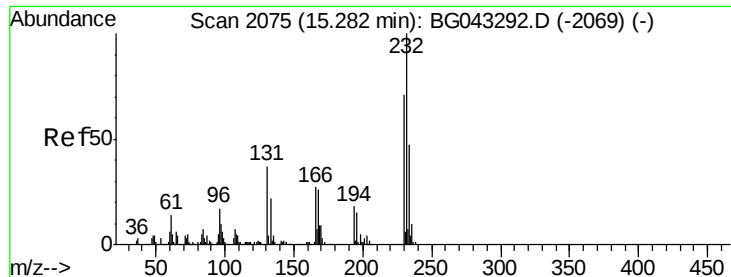
#58
Fluorene
Concen: 36.447 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.4	114.6
167	13.4	11.1	16.7



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

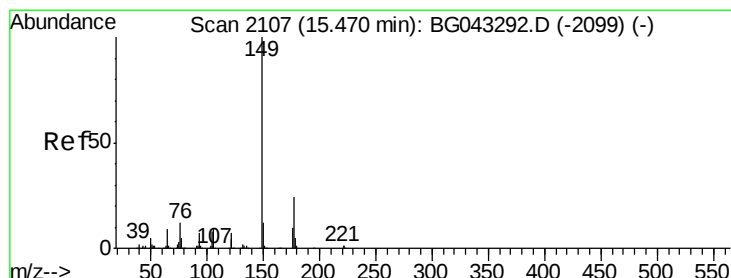
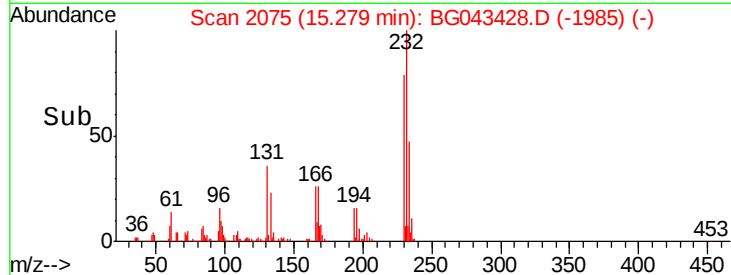
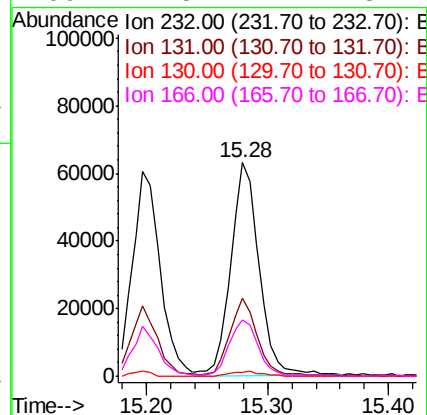
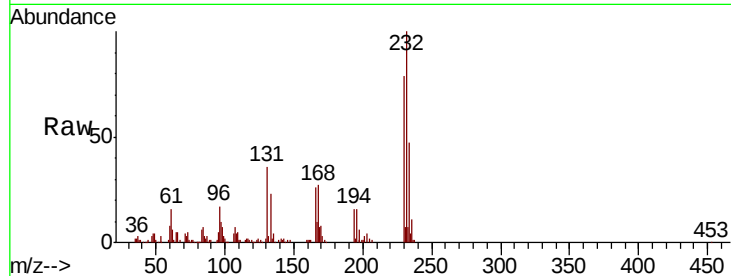




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.717 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

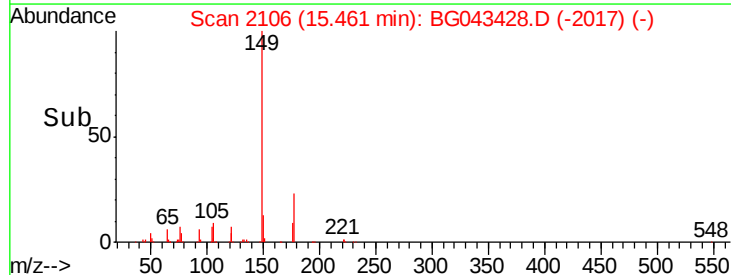
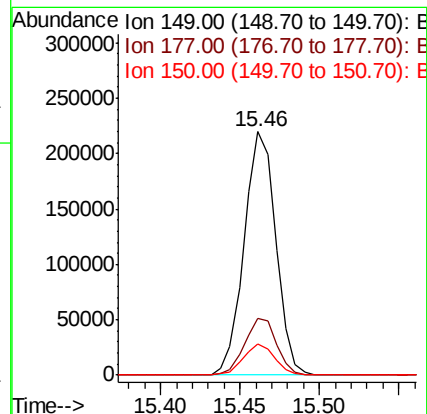
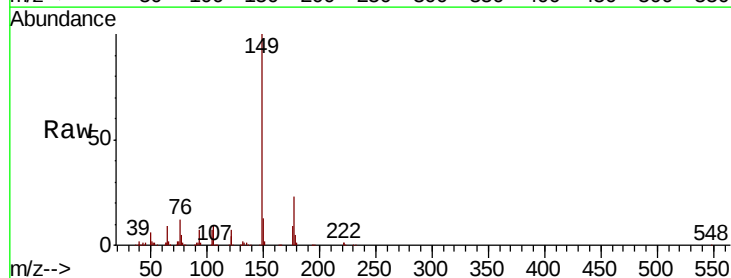
Instrument :
 BNA_G
 ClientSampleId :

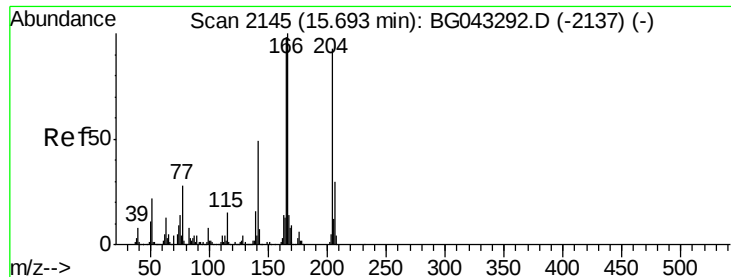
Tot Ion:	232	Resp:	102036
Ion	Ratio	Lower	Upper
232	100		
131	34.7	28.7	43.1
130	2.3	0.6	0.8#
166	27.8	21.1	31.7



#60
 Diethylphthalate
 Concen: 34.826 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043428.D
 Acq: 31 Oct 2019 10:12

Tgt Ion:	149	Resp:	305137
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	12.7	9.4	14.0

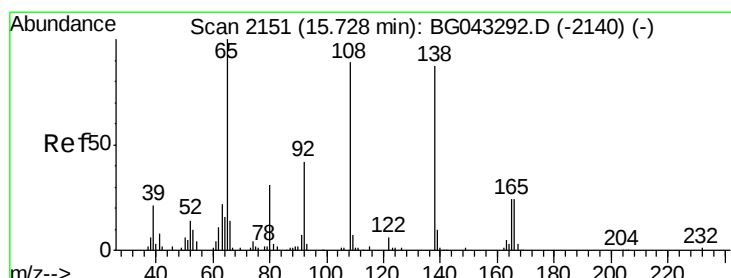
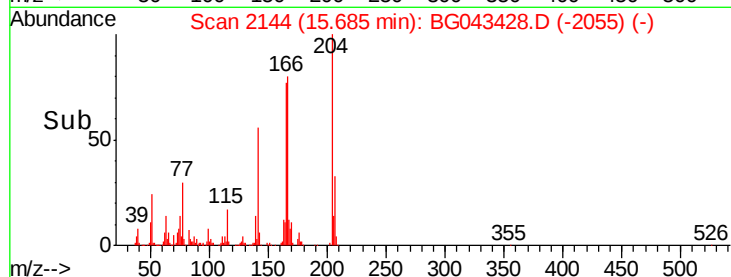
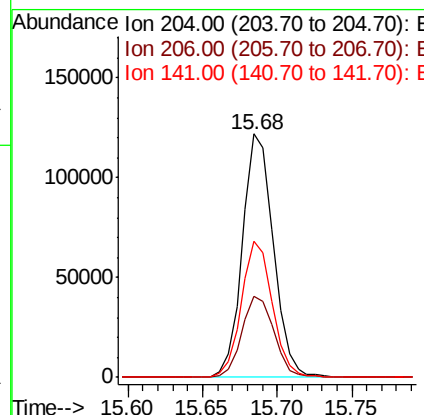
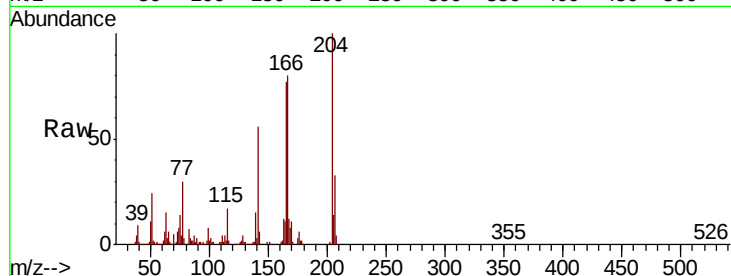




#61
4-Chlorophenyl-phenylether
Concen: 35.924 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

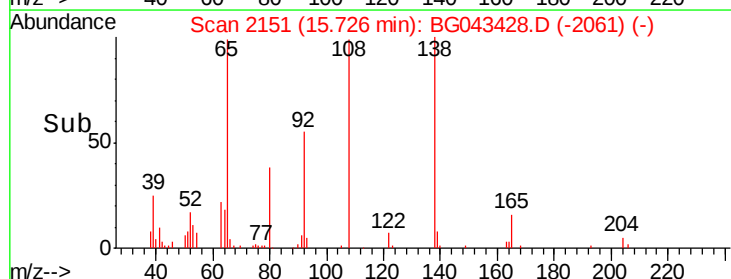
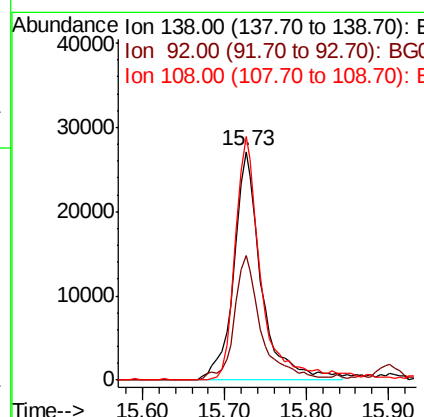
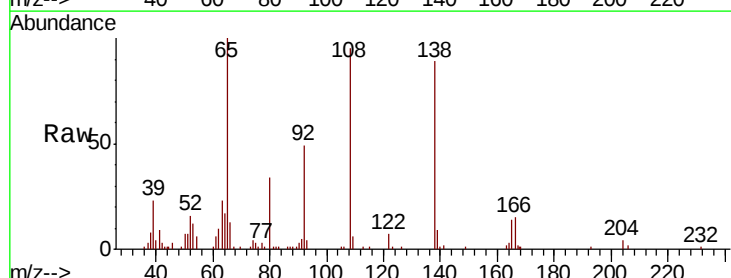
Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 176293
Ion Ratio Lower Upper
204 100
206 33.5 25.7 38.5
141 55.8 42.3 63.5



#62
4-Nitroaniline
Concen: 33.688 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion:138 Resp: 63633
Ion Ratio Lower Upper
138 100
92 54.8 28.8 68.8
108 106.5 82.7 122.7

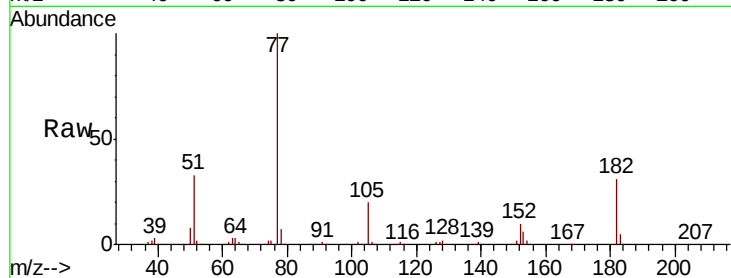




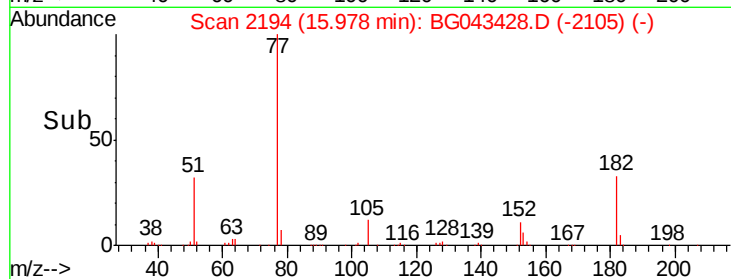
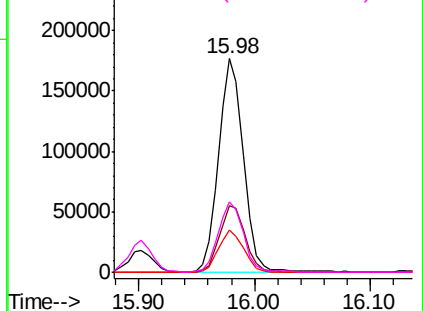
#63
Azobenzene
Concen: 36.770 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	260735
Ion	Ratio	Lower	Upper
77	100		
182	31.5	14.9	54.9
105	20.0	0.6	40.6
51	33.2	12.5	52.5

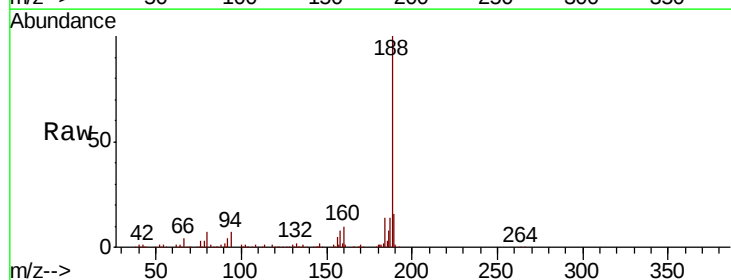


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

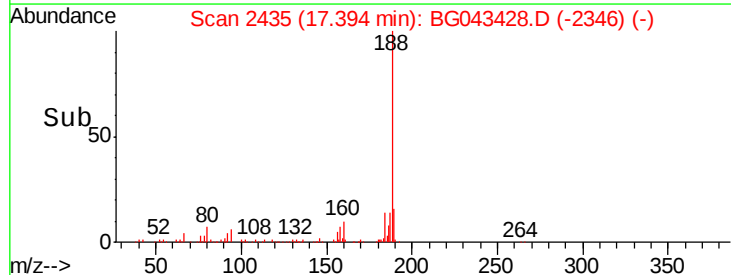
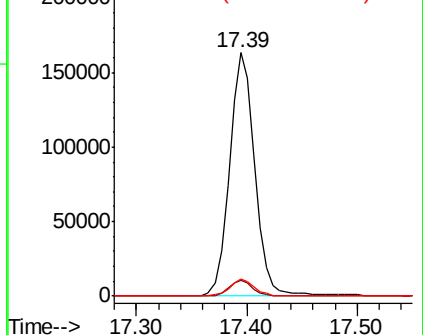


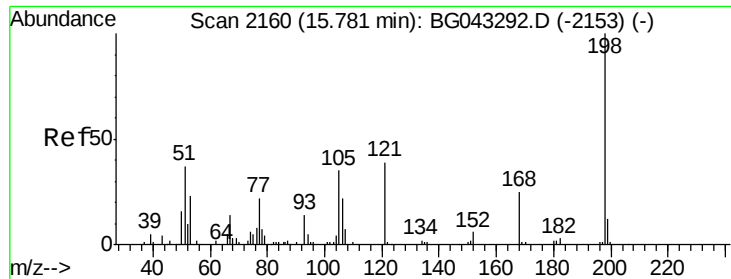
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion:	188	Resp:	261110
Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.2	6.2#
80	7.1	5.2	7.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.738 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

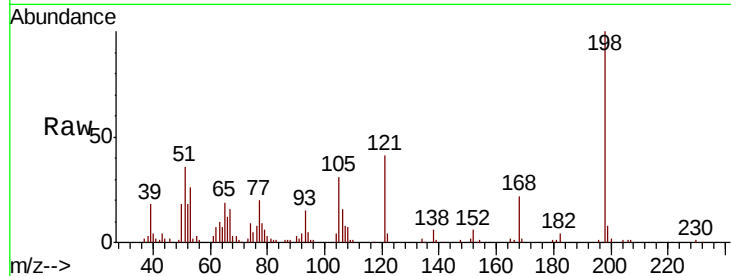
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 56453

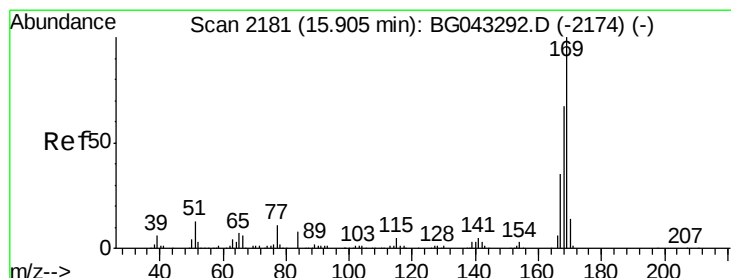
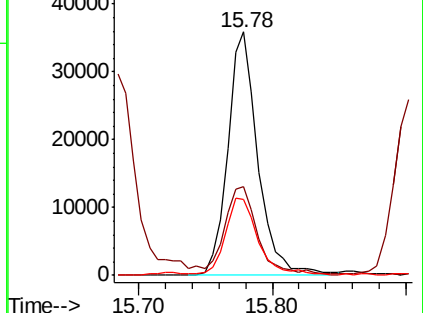
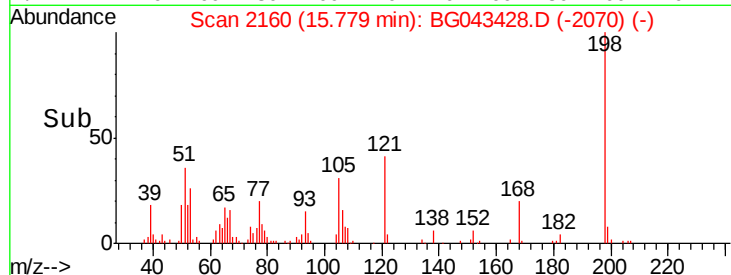
Ion	Ratio	Lower	Upper
198	100		
51	36.3	21.4	61.4
105	31.0	16.5	56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043428.D (-2091) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.168 ng

RT: 15.90 min Scan# 2181

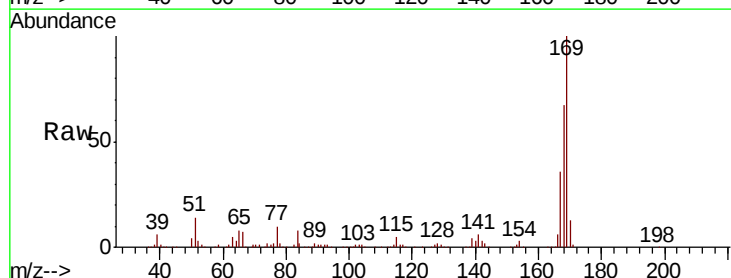
Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Tgt Ion:169 Resp: 273994

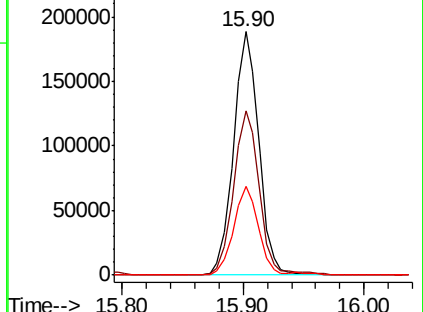
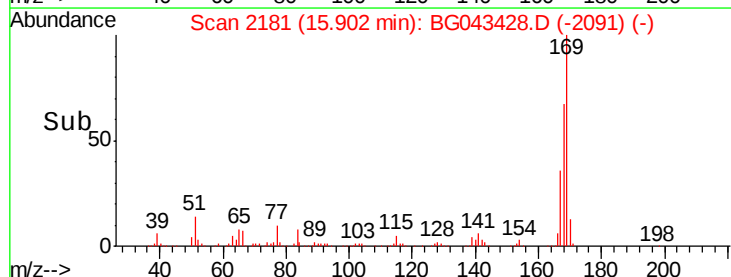
Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.9	80.9
167	36.3	28.3	42.5



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

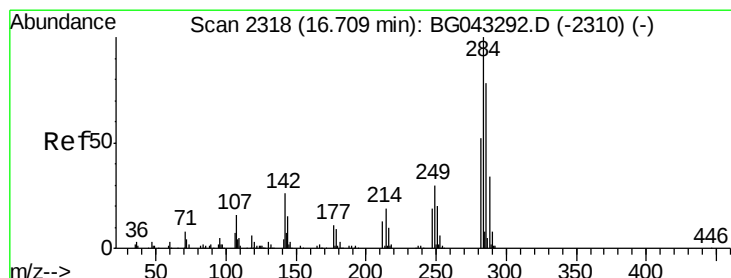
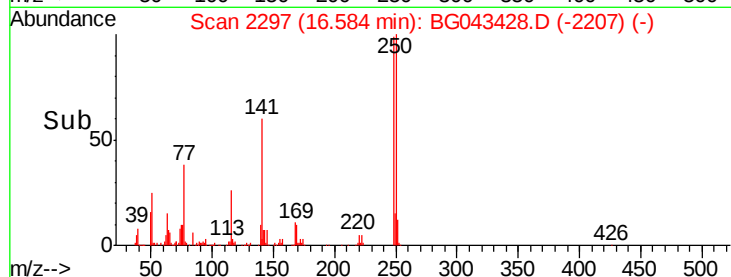
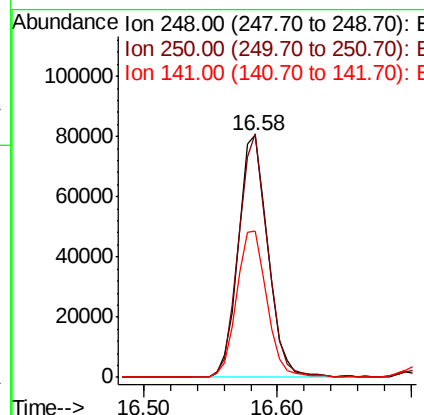
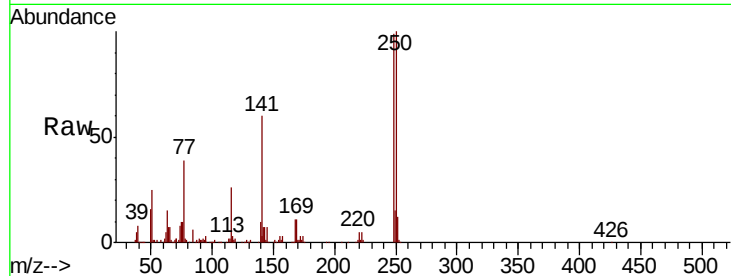




#67
4-Bromophenyl-phenylether
Concen: 35.261 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

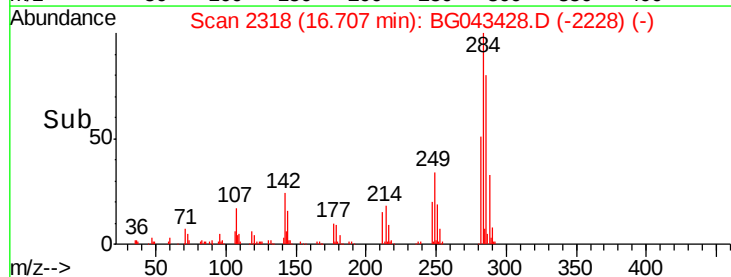
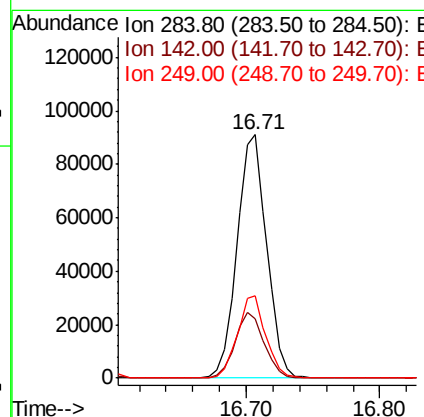
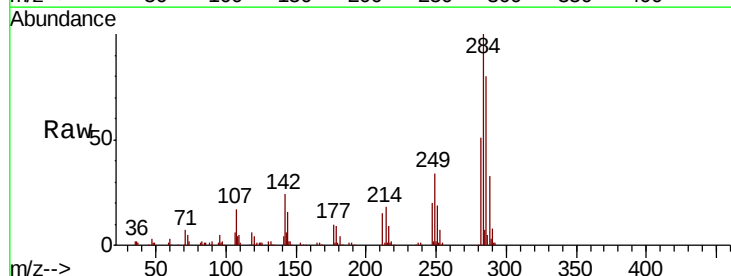
Instrument :
BNA_G
ClientSampleId :

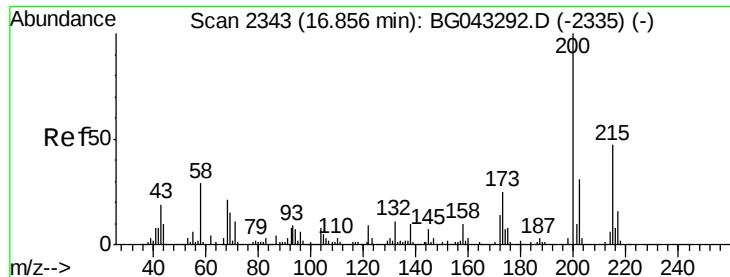
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	79.3	118.9
141	60.4	47.9	71.9



#68
Hexachlorobenzene
Concen: 34.682 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.2	21.1	31.7
249	33.6	24.4	36.6





#69

Atrazine

Concen: 45.152 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampled :

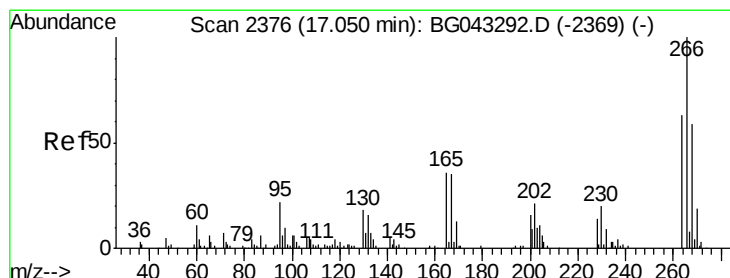
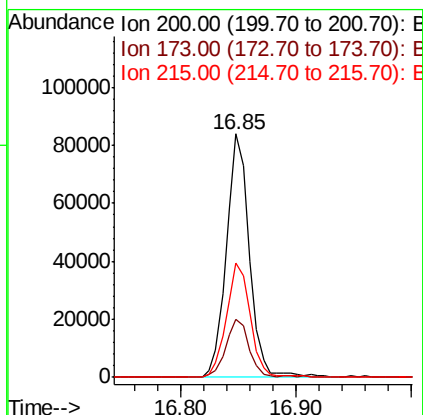
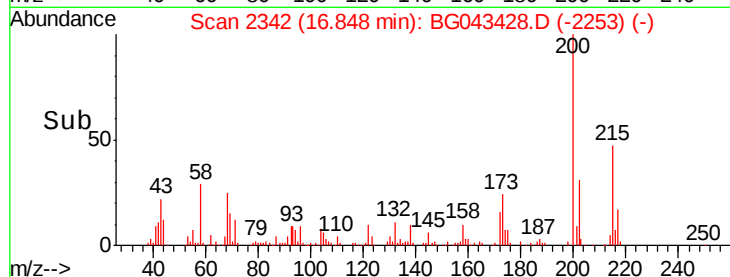
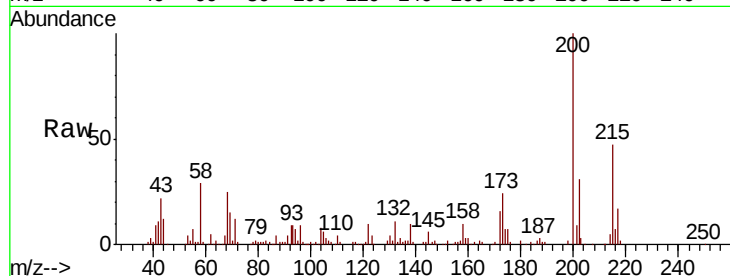
Tot Ion:200 Resp: 115660

Ion Ratio Lower Upper

200 100

173 23.6 5.1 45.1

215 47.2 26.6 66.6



#70

Pentachlorophenol

Concen: 81.895 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

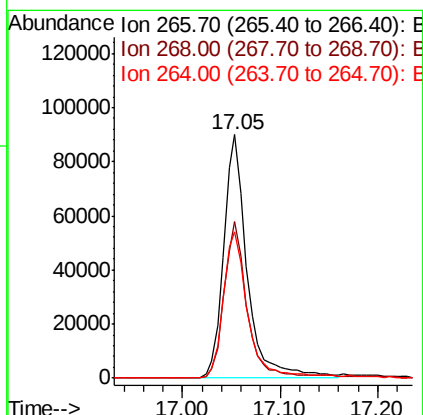
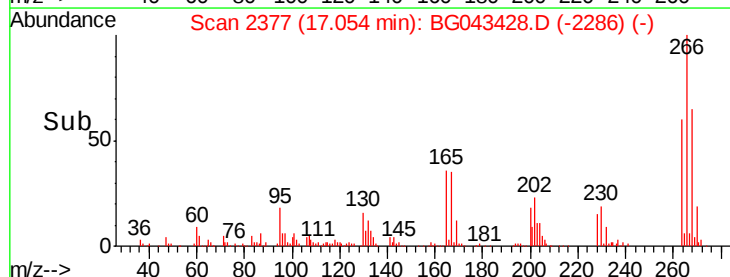
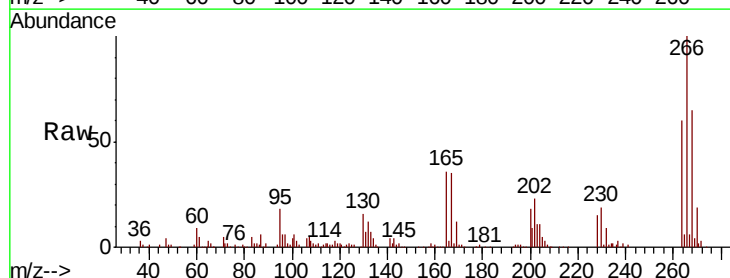
Tgt Ion:266 Resp: 150519

Ion Ratio Lower Upper

266 100

268 64.5 47.1 70.7

264 59.9 50.4 75.6

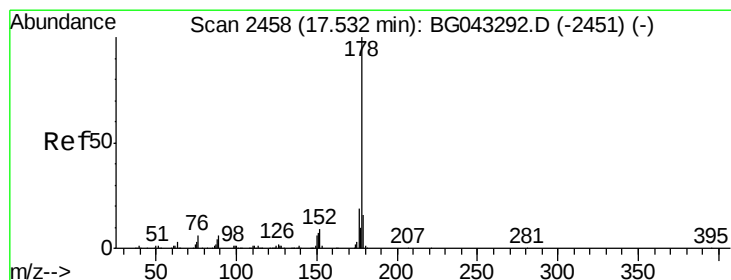
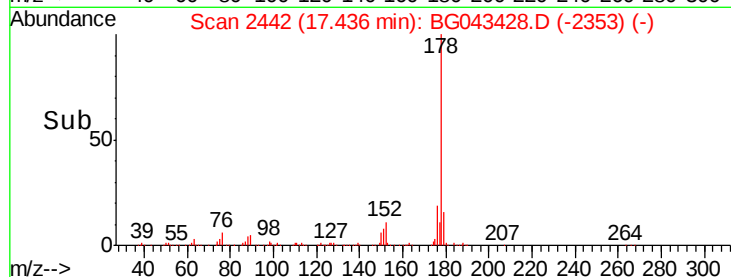
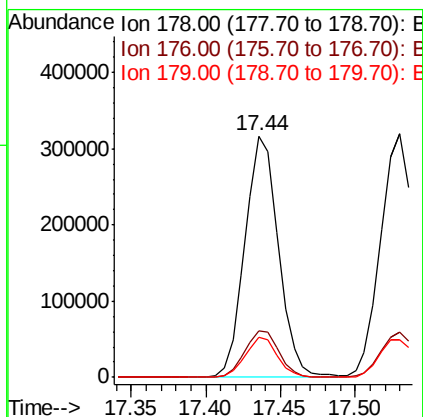
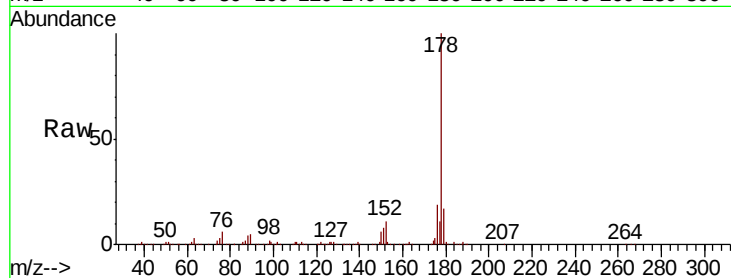




#71
Phenanthrene
Concen: 36.738 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

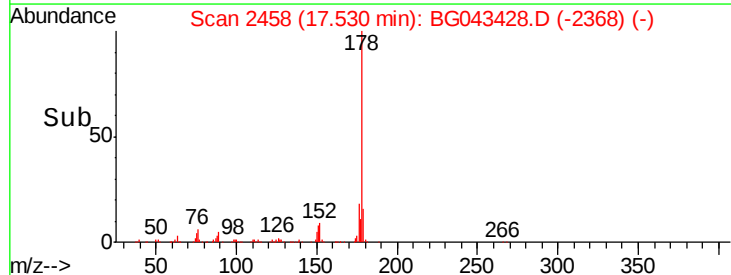
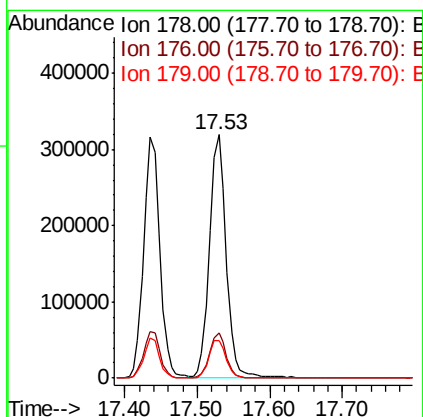
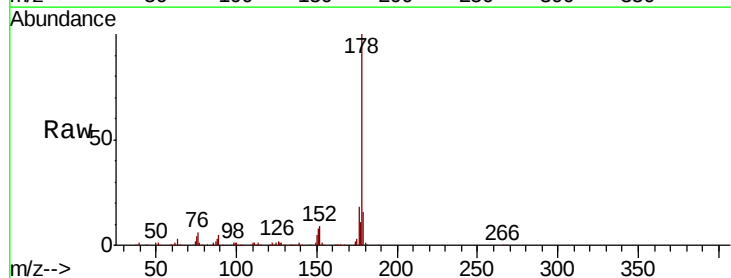
Instrument :
BNA_G
ClientSampleId :

Tot Ion	178	Resp	491211
Ion Ratio	100	Lower	Upper
176	19.1	15.8	23.8
179	16.5	13.1	19.7



#72
Anthracene
Concen: 38.553 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion	178	Resp	515752
Ion Ratio	100	Lower	Upper
176	18.4	15.1	22.7
179	15.5	13.0	19.6





#73

Carbazole

Concen: 37.066 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

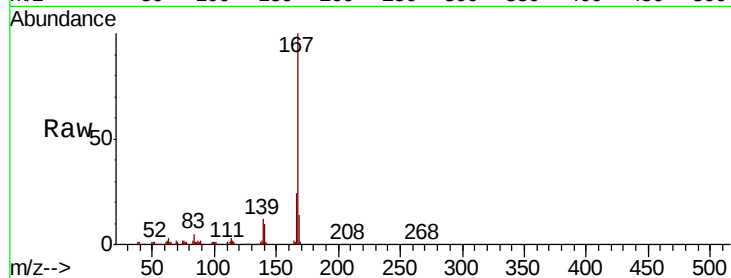
Tot Ion:167 Resp: 449031

Ion Ratio Lower Upper

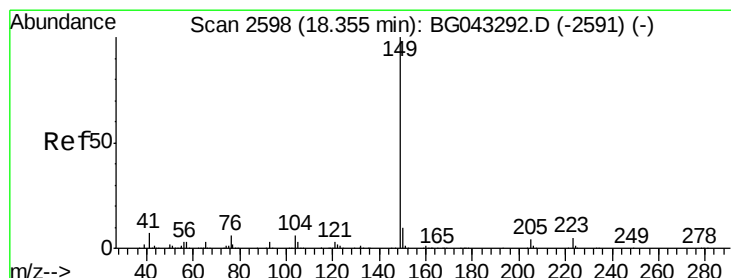
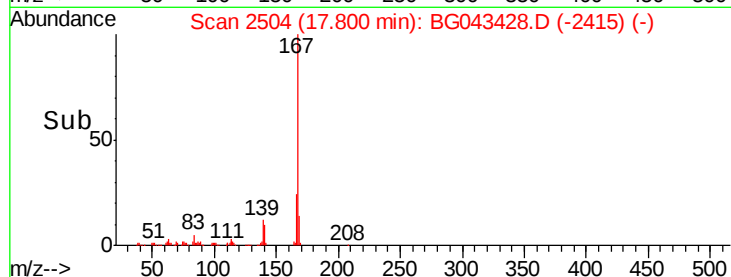
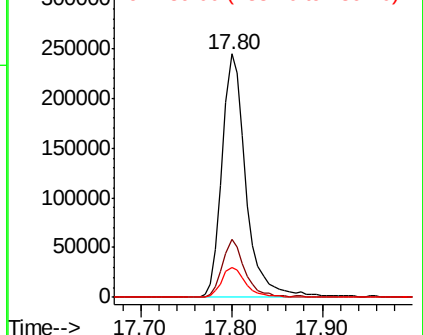
167 100

166 23.7 18.4 27.6

139 12.2 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: 36.031 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

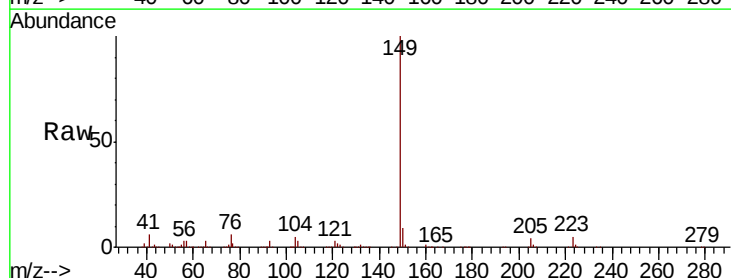
Tgt Ion:149 Resp: 529624

Ion Ratio Lower Upper

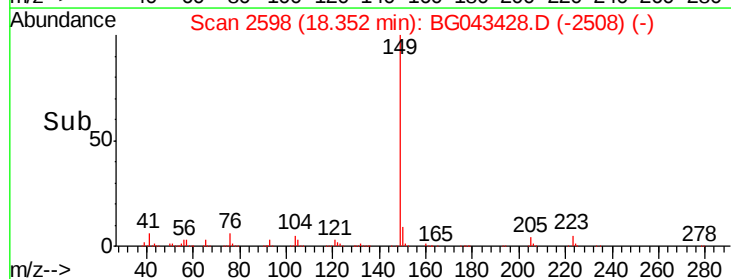
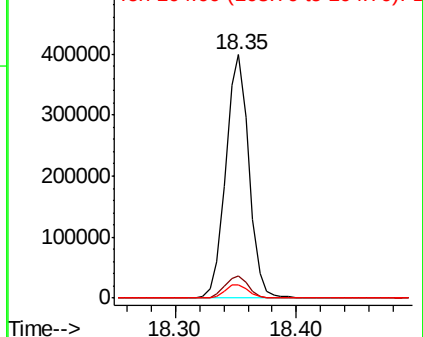
149 100

150 9.3 8.0 12.0

104 5.4 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: 37.280 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

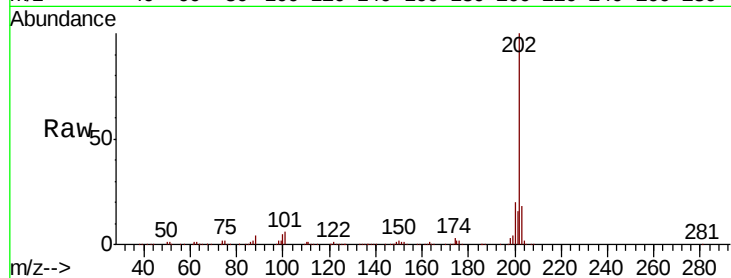
Tot Ion:202 Resp: 649844

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.0

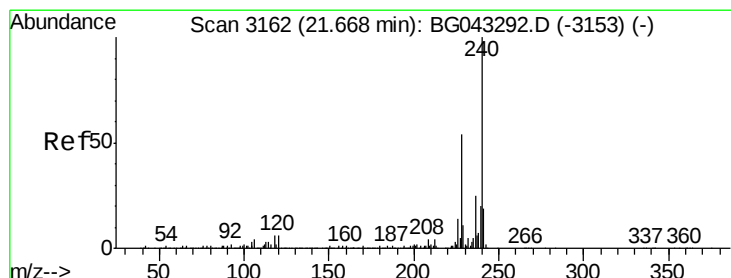
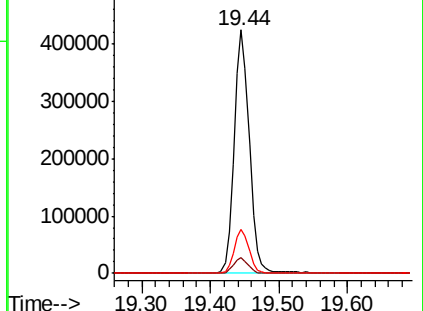
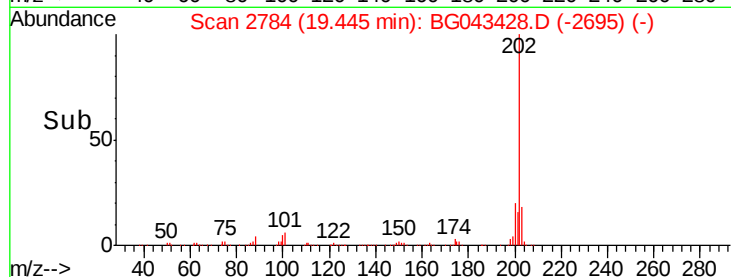
203 17.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

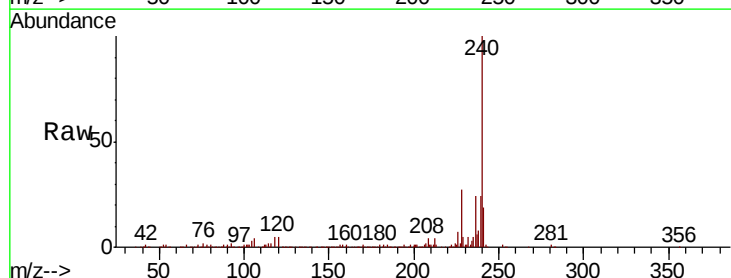
Tgt Ion:240 Resp: 298186

Ion Ratio Lower Upper

240 100

120 5.2 4.6 7.0

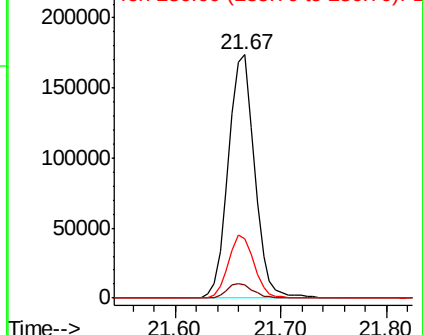
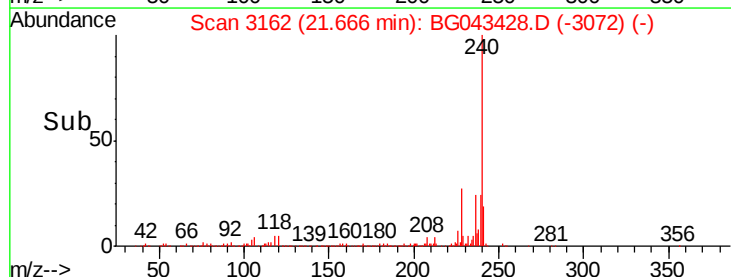
236 24.2 20.2 30.4

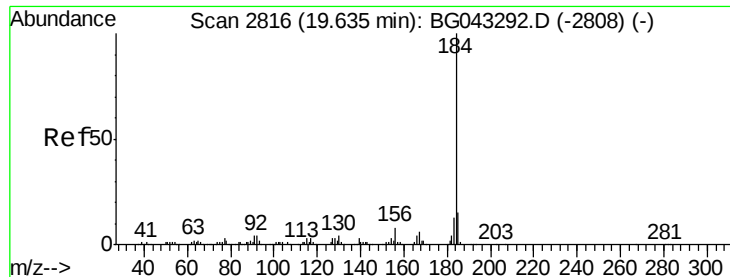


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.258 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

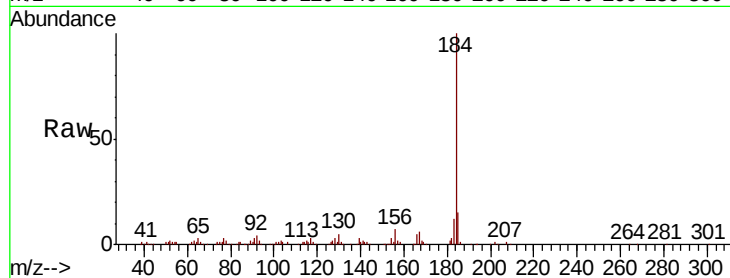
Tot Ion:184 Resp: 211586

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

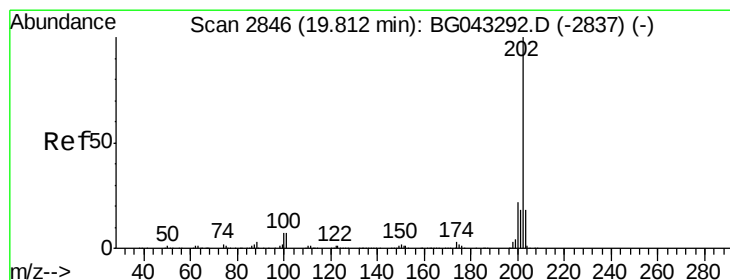
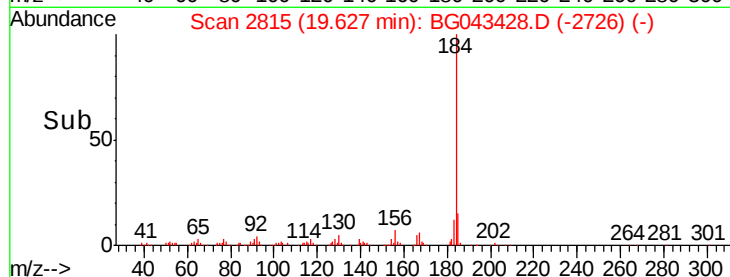
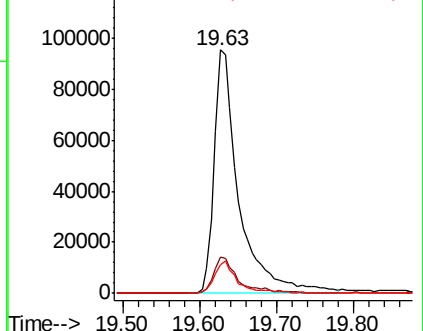
183 11.7 10.6 16.0



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: 35.511 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

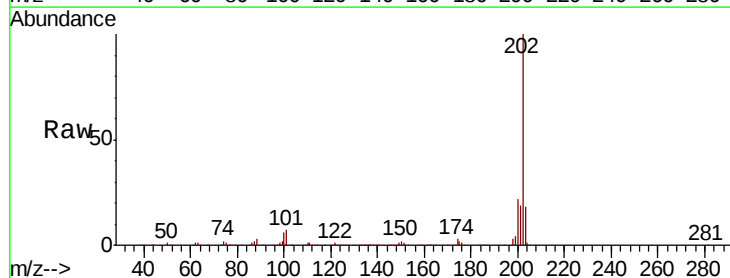
Tgt Ion:202 Resp: 655430

Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

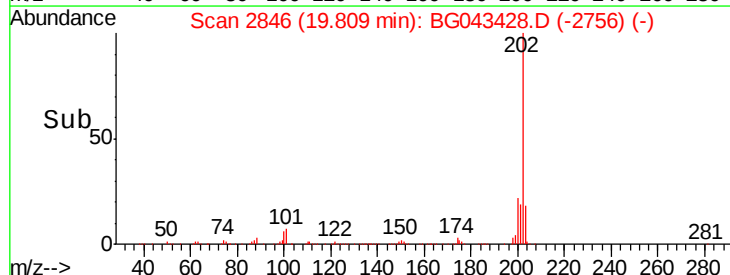
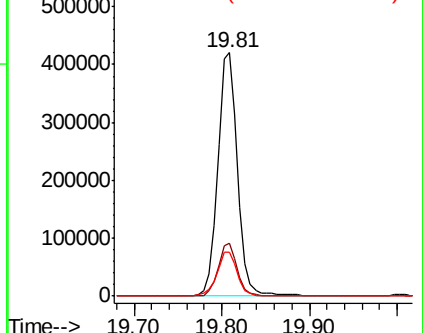
203 18.2 14.5 21.7

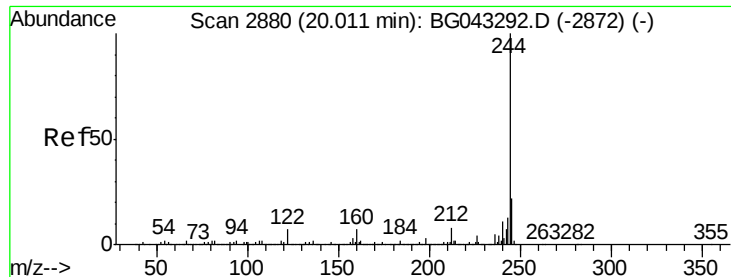


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 54.441 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

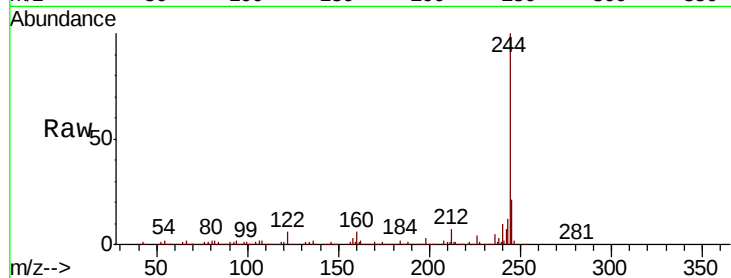
Tot Ion:244 Resp: 865305

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

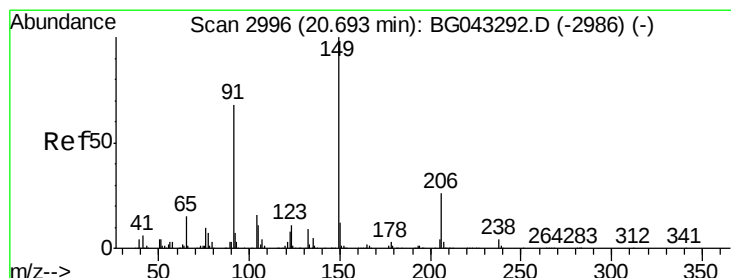
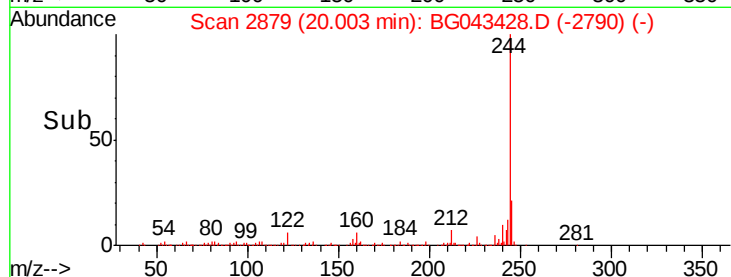
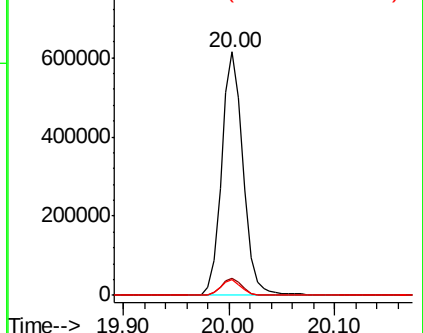
122 6.2 5.3 7.9



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: 34.407 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

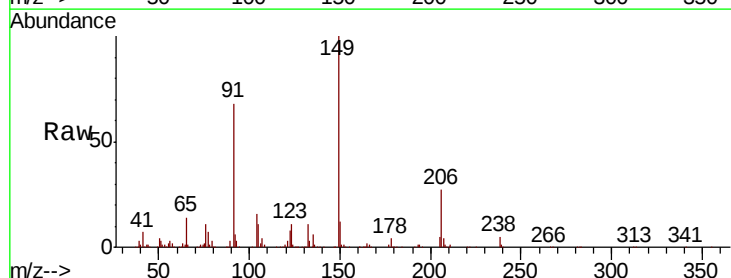
Tgt Ion:149 Resp: 240598

Ion Ratio Lower Upper

149 100

91 67.8 54.6 82.0

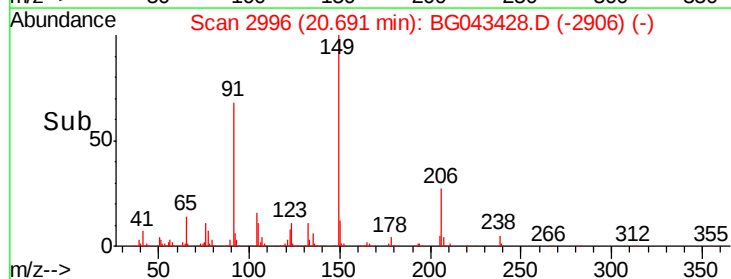
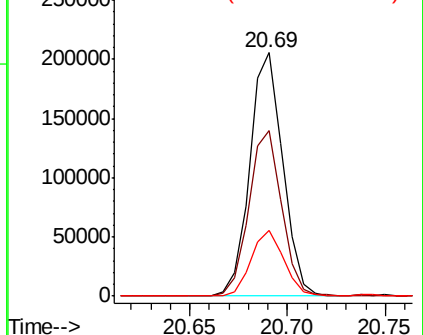
206 27.2 20.5 30.7

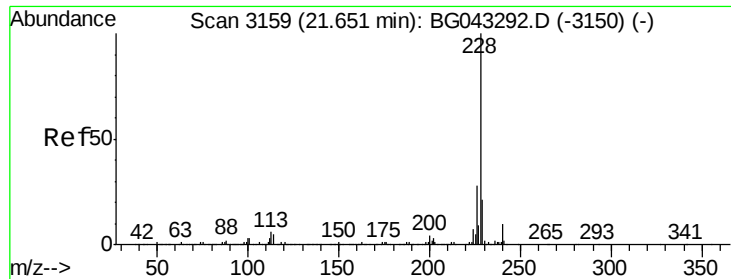


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

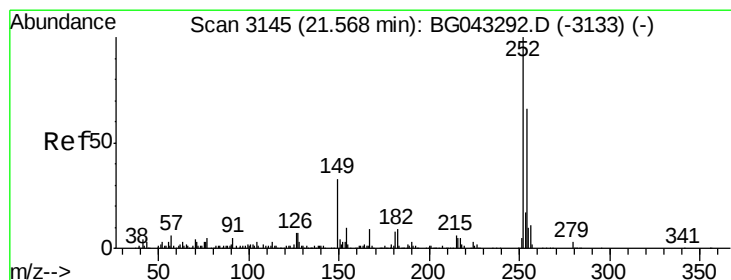
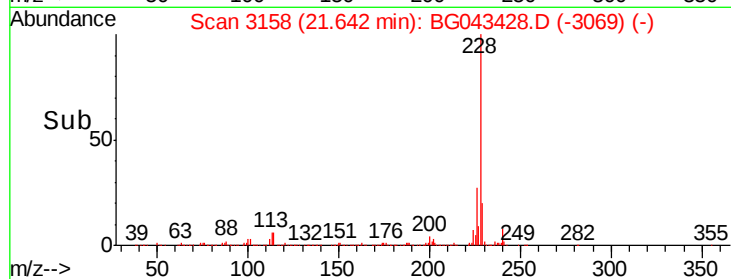
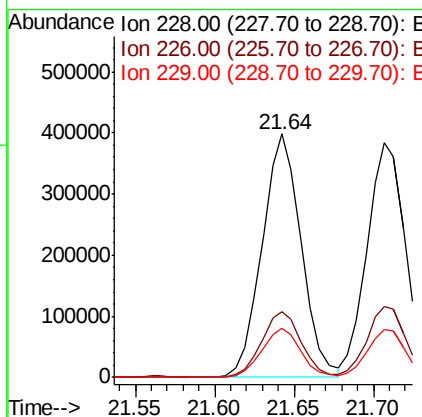
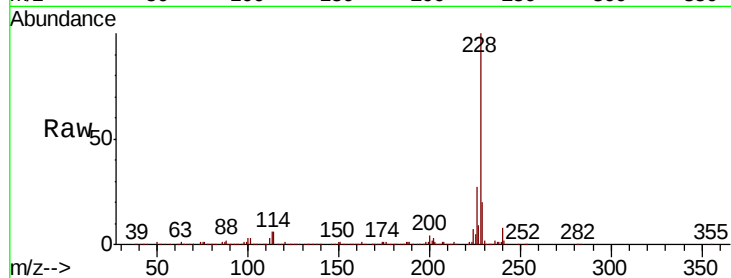




#81
Benzo(a)anthracene
Concen: 36.605 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

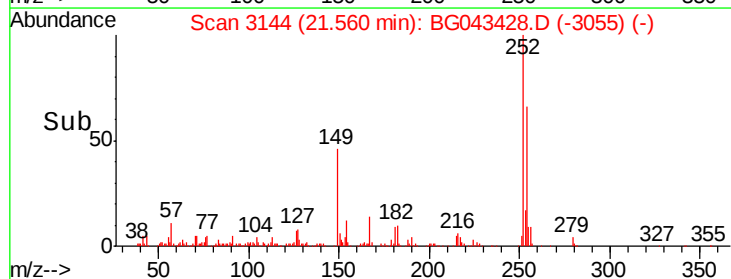
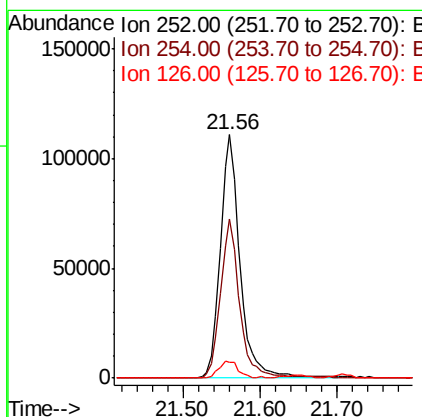
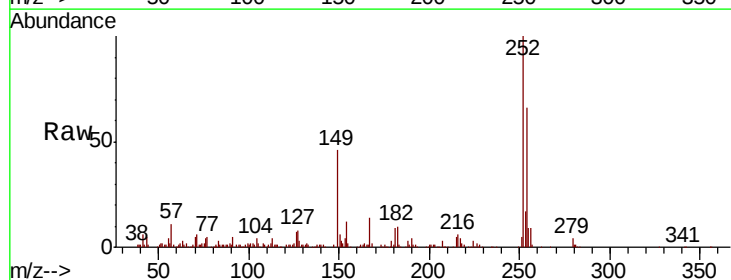
Instrument :
BNA_G
ClientSampled :

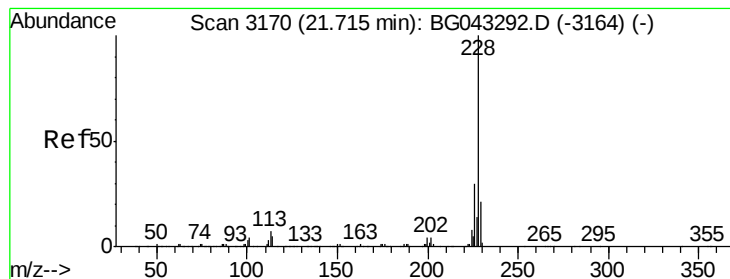
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.4
229	20.3	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 27.223 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.7	79.1
126	6.7	5.6	8.4





#83

Chrvsene

Concen: 35.880 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

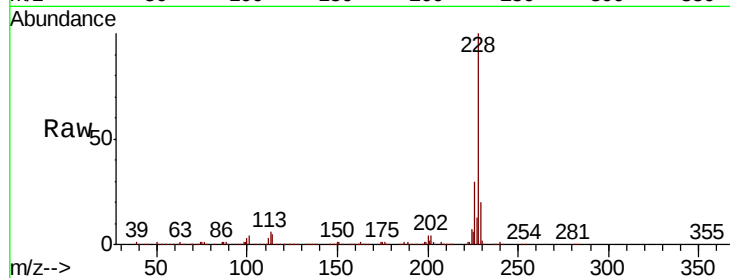
Tot Ion:228 Resp: 665860

Ion Ratio Lower Upper

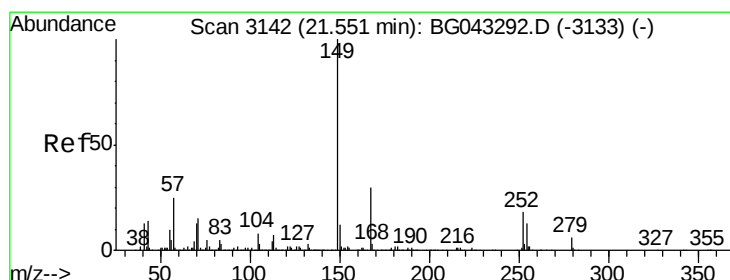
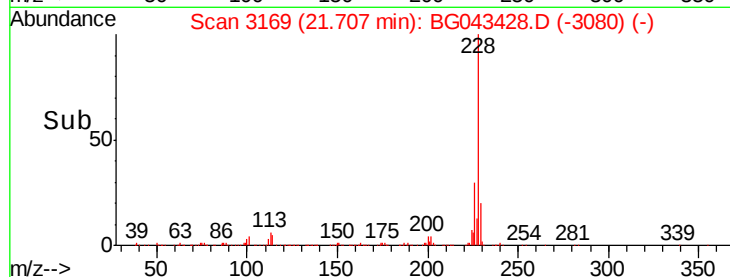
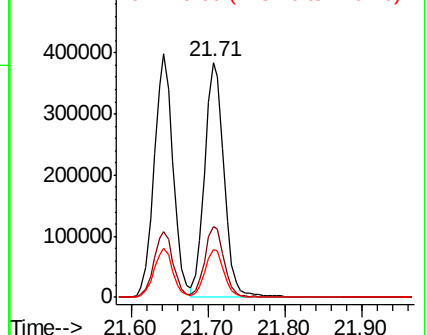
228 100

226 30.0 23.8 35.8

229 20.1 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: 35.923 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

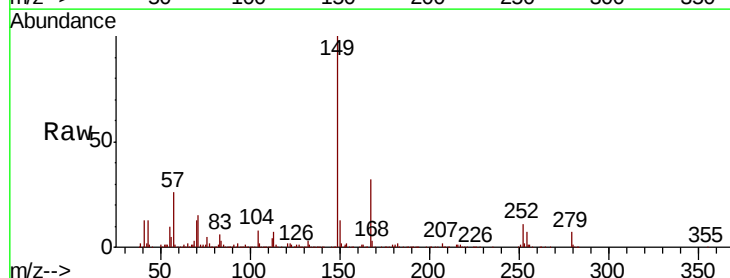
Tgt Ion:149 Resp: 356838

Ion Ratio Lower Upper

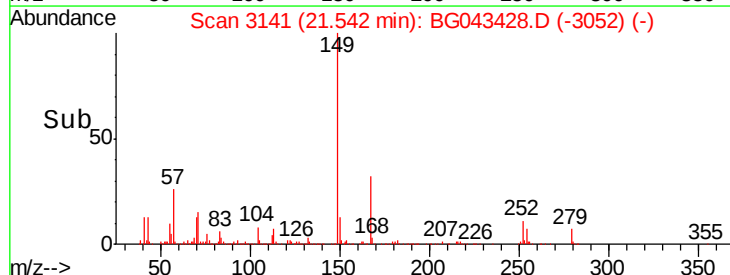
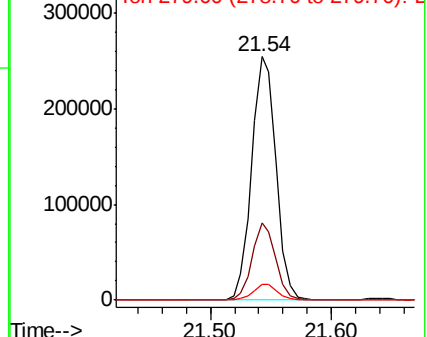
149 100

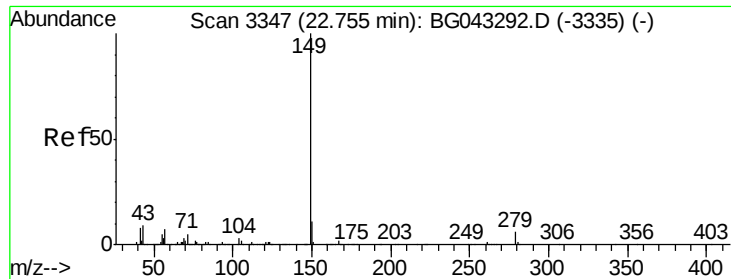
167 31.8 23.9 35.9

279 6.6 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: 36.535 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043428.D

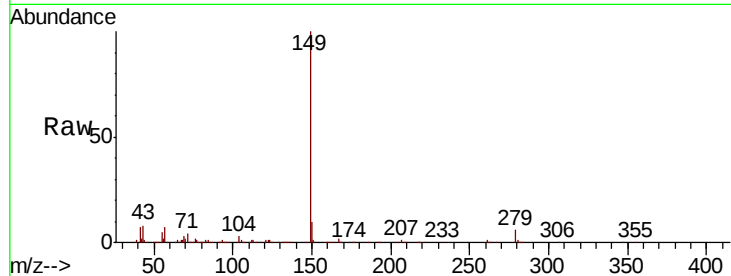
Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	615713
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.4 2.0
43	8.7	6.9 10.3

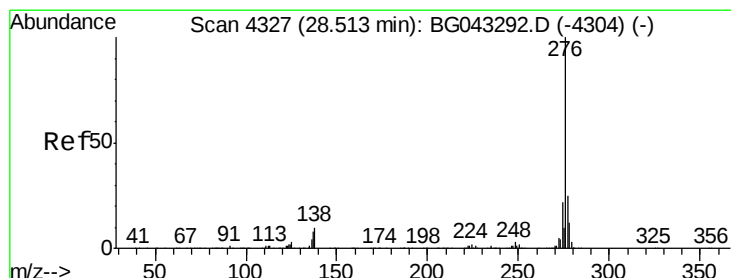
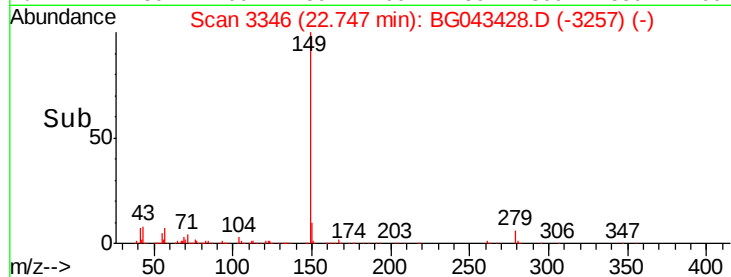
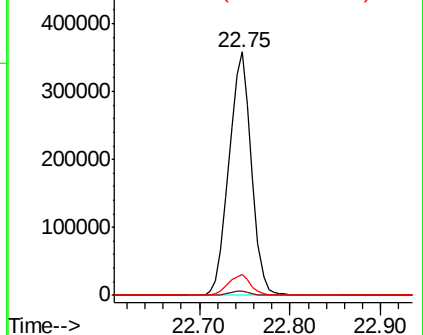


Abundance

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: 36.924 ng

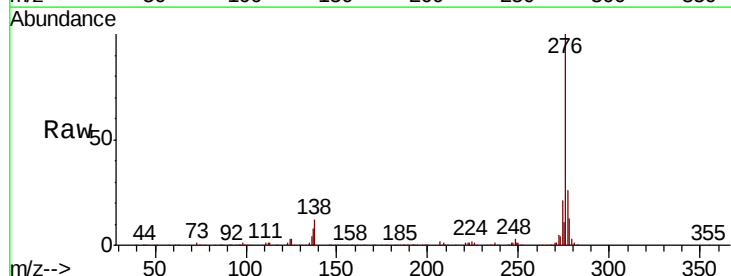
RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Tgt Ion:276	Resp:	860140
Ion Ratio	Lower	Upper
276	100	
138	9.0	7.2 10.8
277	26.1	20.9 31.3

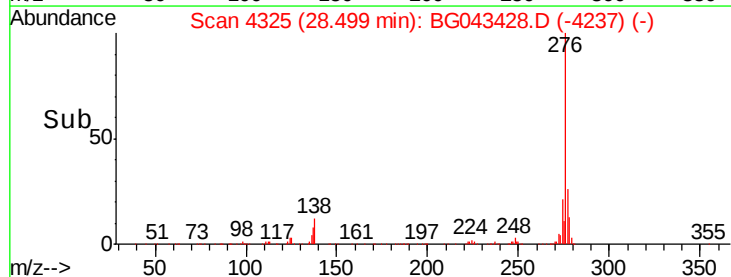
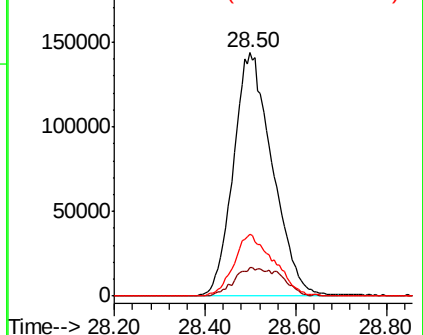


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

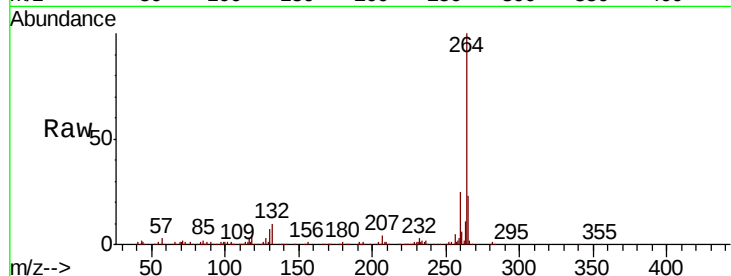
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 349312

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.9	26.9
265	22.6	17.4	26.2

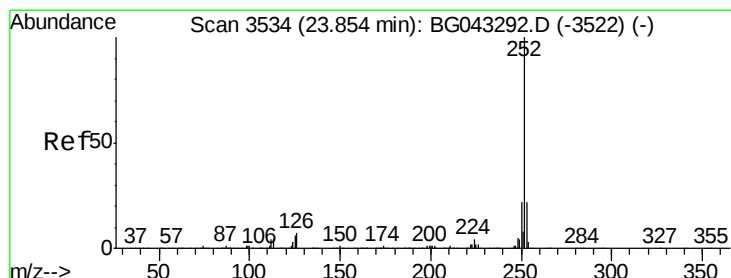
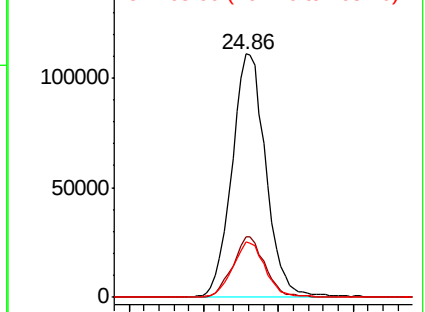
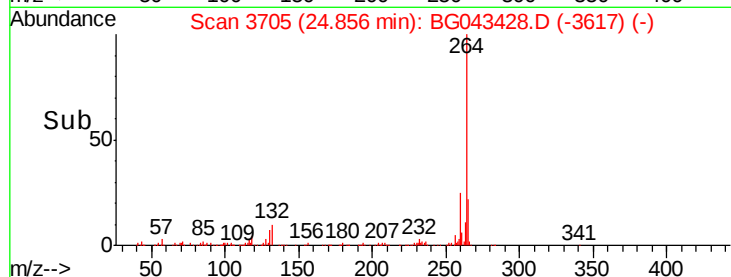


Abundance

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: 36.600 ng

RT: 23.85 min Scan# 3533

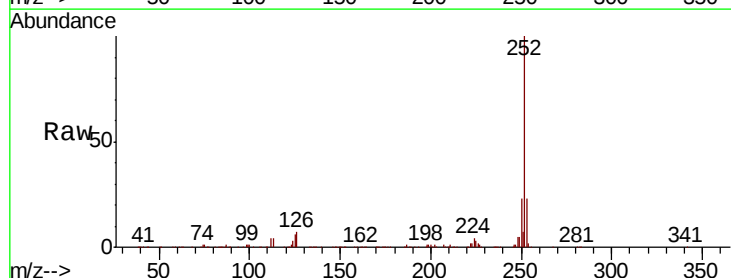
Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Tgt Ion:252 Resp: 724096

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	5.6	5.0	7.6

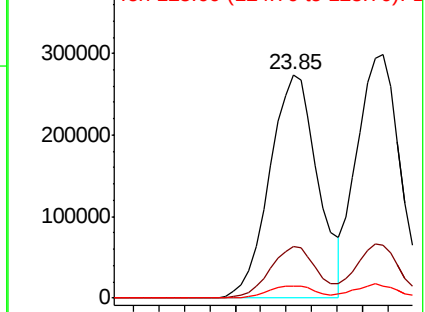
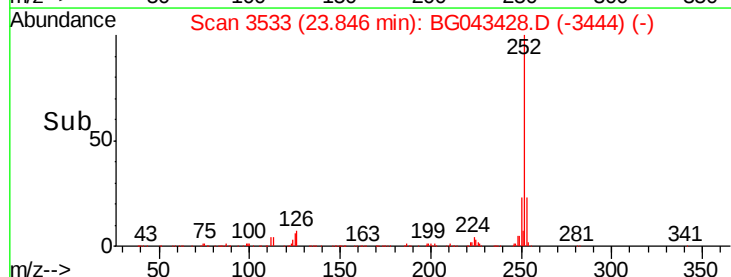


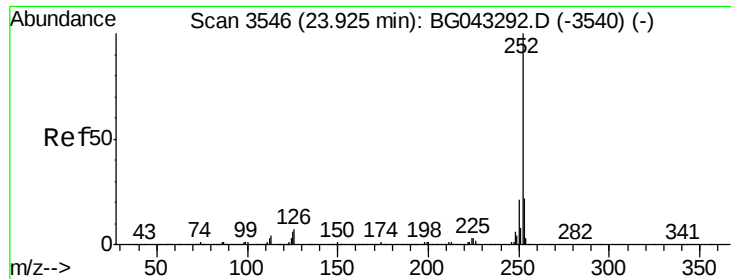
Abundance

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

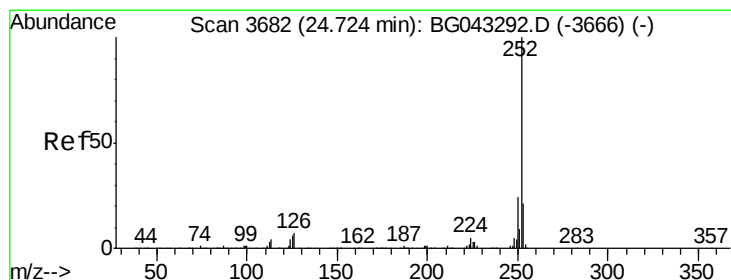
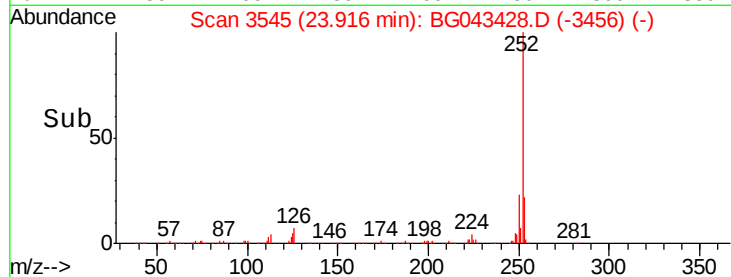
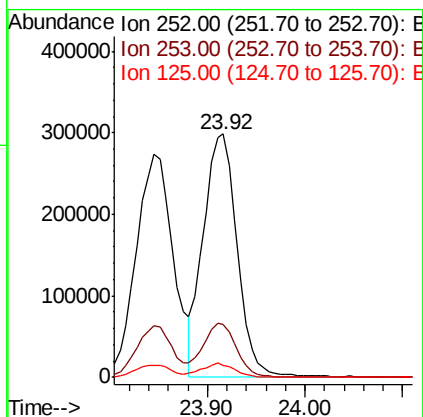
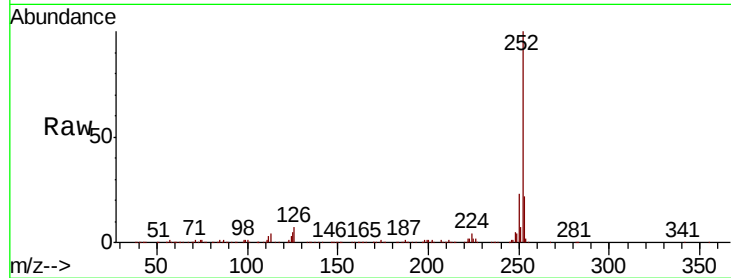




#89
Benzo(k)fluoranthene
Concen: 35.787 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

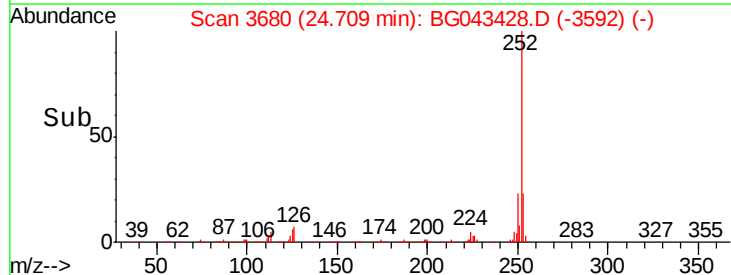
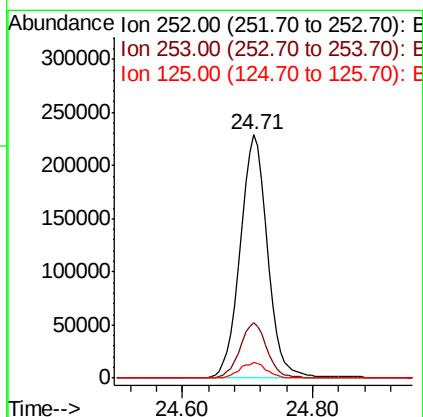
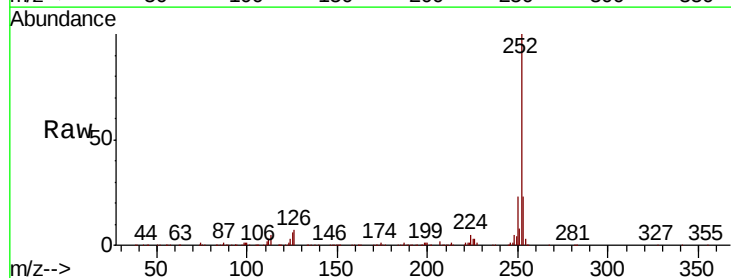
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	5.1	4.5	6.7



#90
Benzo(a)pyrene
Concen: 35.273 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043428.D
Acq: 31 Oct 2019 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	6.5	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 37.588 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

Instrument :

BNA_G

ClientSampleId :

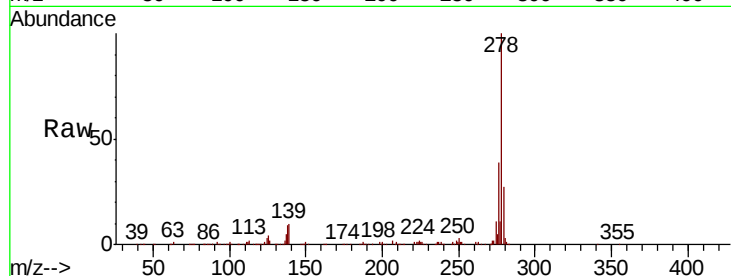
Tot Ion:278 Resp: 726350

Ion Ratio Lower Upper

278 100

139 9.7 6.8 10.2

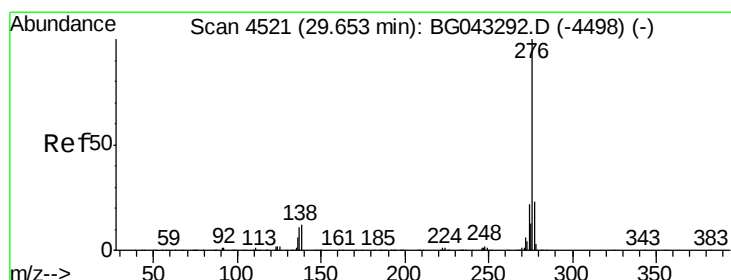
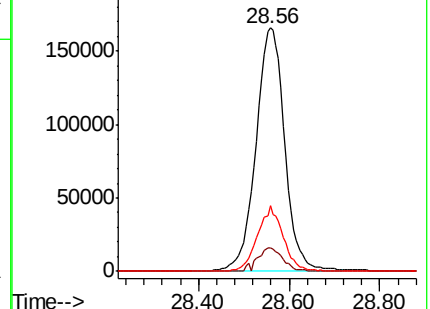
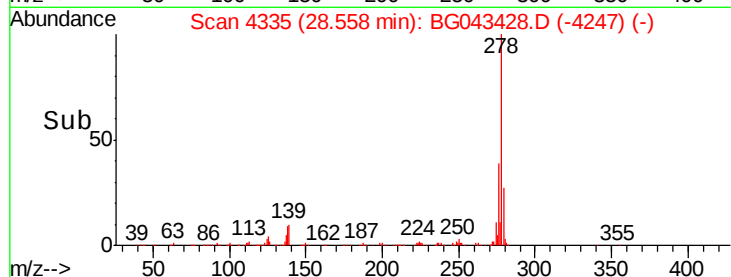
279 26.8 19.0 28.6



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: 38.137 ng

RT: 29.64 min Scan# 4519

Delta R.T. -0.01 min

Lab File: BG043428.D

Acq: 31 Oct 2019 10:12

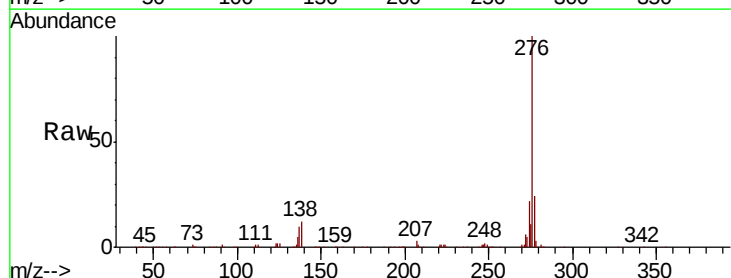
Tgt Ion:276 Resp: 726931

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 11.8 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

