

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043352.D
 Acq On : 28 Oct 2019 16:22
 Operator : JU
 Sample : PB124295BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124295BS

Quant Time: Oct 29 13:17:20 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	36521	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152538	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	110406	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	258908	20.00	ng	0.00
76) Chrysene-d12	21.67	240	300517	20.00	ng	0.00
87) Perylene-d12	24.86	264	321899	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	260314	130.61	ng	0.00
7) Phenol-d6	7.22	99	356266	124.24	ng	0.02
23) Nitrobenzene-d5	9.19	82	182662	61.74	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	232956	110.88	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	499965	62.57	ng	0.00
79) Terphenyl-d14	20.00	244	1020466	63.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29691	38.229	ng	# 93
3) Pyridine	3.89	79	68136	34.778	ng	94
4) n-Nitrosodimethylamine	3.80	42	42918	43.412	ng	# 93
6) Aniline	7.35	93	116589	35.295	ng	98
8) 2-Chlorophenol	7.60	128	105985	48.174	ng	94
9) Benzaldehyde	7.16	77	60851	43.181	ng	93
10) Phenol	7.24	94	126335	48.214	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	83095	41.017	ng	95
12) 1,3-Dichlorobenzene	7.91	146	113219	41.074	ng	96
13) 1,4-Dichlorobenzene	8.06	146	116225	41.674	ng	97
14) 1,2-Dichlorobenzene	8.38	146	115057	42.253	ng	99
15) Benzyl Alcohol	8.27	79	90048	44.715	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	117755	39.975	ng	100
17) 2-Methylphenol	8.49	107	87416	45.763	ng	97
18) Hexachloroethane	9.11	117	42127	41.867	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	76958	41.534	ng	95
20) 3+4-Methylphenols	8.82	107	118065	45.074	ng	89
22) Acetophenone	8.85	105	147391	37.731	ng	98
24) Nitrobenzene	9.23	77	116161	41.213	ng	98
25) Isophorone	9.75	82	212725	39.325	ng	97
26) 2-Nitrophenol	9.94	139	60409	44.394	ng	97
27) 2,4-Dimethylphenol	10.01	122	96345	49.399	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	116429	38.997	ng	99
29) 2,4-Dichlorophenol	10.49	162	112896	45.178	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	126424	40.141	ng	97
31) Naphthalene	10.88	128	321728	41.552	ng	98
32) Benzoic acid	10.17	122	51003	36.841	ng	94
33) 4-Chloroaniline	11.00	127	67475	21.260	ng	95
34) Hexachlorobutadiene	11.17	225	88422	37.979	ng	98
35) Caprolactam	11.77	113	34234	39.778	ng	# 79
36) 4-Chloro-3-methylphenol	12.13	107	116822	42.858	ng	98
37) 2-Methylnaphthalene	12.48	142	242733	40.858	ng	97
38) 1-Methylnaphthalene	12.70	142	233679	41.340	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	157669	38.588	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	196642	91.616	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	101455	42.163	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	112889	46.405	nq	96
46) 1,1'-Biphenyl	13.49	154	330478	39.347	nq	98
47) 2-Chloronaphthalene	13.53	162	256532	40.142	nq	99
48) 2-Nitroaniline	13.74	65	77553	40.603	nq	99
49) Acenaphthylene	14.37	152	414340	41.659	nq	98
50) Dimethylphthalate	14.10	163	345059	40.350	nq	98
51) 2,6-Dinitrotoluene	14.22	165	77295	41.605	nq	97
52) Acenaphthene	14.72	154	245375	40.455	nq	99
53) 3-Nitroaniline	14.56	138	50173	27.972	nq	93
54) 2,4-Dinitrophenol	14.77	184	90202	77.956	nq	99
55) Dibenzofuran	15.05	168	408491	41.530	nq	99
56) 4-Nitrophenol	14.90	139	113209	94.182	nq	95
57) 2,4-Dinitrotoluene	15.01	165	113102	42.599	nq	# 92
58) Fluorene	15.70	166	337883	40.957	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	111080	42.977	nq	# 98
60) Diethylphthalate	15.46	149	342438	39.852	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	194390	40.391	nq	97
62) 4-Nitroaniline	15.73	138	69860	37.712	nq	96
63) Azobenzene	15.98	77	282444	40.615	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	70533	46.291	nq	96
66) n-Nitrosodiphenylamine	15.90	169	304720	41.687	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	140701	40.381	nq	96
68) Hexachlorobenzene	16.71	284	153813	38.457	nq	97
69) Atrazine	16.85	200	130862	51.522	nq	94
70) Pentachlorophenol	17.05	266	178139	97.747	nq	98
71) Phenanthrene	17.44	178	550368	41.512	nq	99
72) Anthracene	17.53	178	560958	42.289	nq	98
73) Carbazole	17.81	167	507458	42.245	nq	99
74) Di-n-butylphthalate	18.35	149	610485	41.885	nq	98
75) Fluoranthene	19.44	202	741354	42.891	nq	99
77) Benzidine	19.63	184	242666	40.123	nq	99
78) Pyrene	19.81	202	762385	40.985	nq	100
80) Butylbenzylphthalate	20.69	149	281134	39.892	nq	98
81) Benzo(a)anthracene	21.64	228	787478	41.833	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	258788	35.544	nq	98
83) Chrysene	21.71	228	765778	40.944	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	413668	41.322	nq	99
85) Di-n-octyl phthalate	22.75	149	710088	41.808	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	991184	42.219	nq	99
88) Benzo(b)fluoranthene	23.85	252	827072	45.365	nq	99
89) Benzo(k)fluoranthene	23.92	252	844079	45.990	nq	97
90) Benzo(a)pyrene	24.71	252	771921	44.339	nq	98
91) Dibenzo(a,h)anthracene	28.58	278	842794	47.328	nq	99
92) Benzo(g,h,i)perylene	29.65	276	836109	47.600	nq	99

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

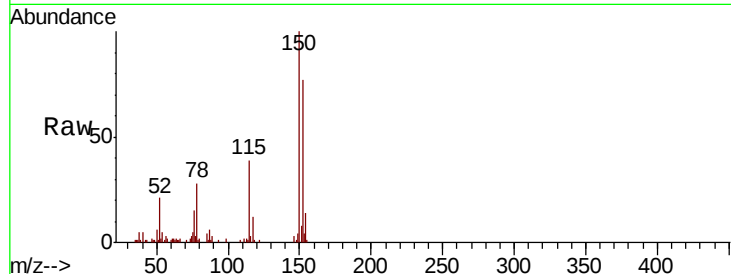


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB124295BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	130.3	113.6	170.4
115	50.7	45.9	68.9

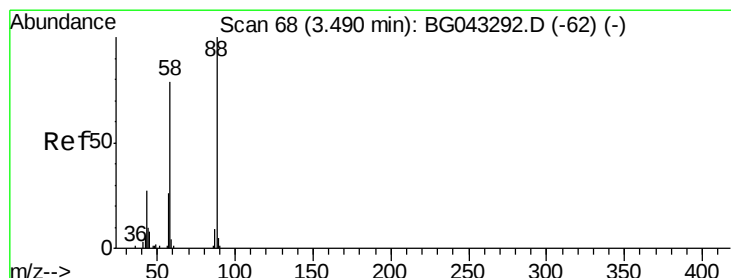
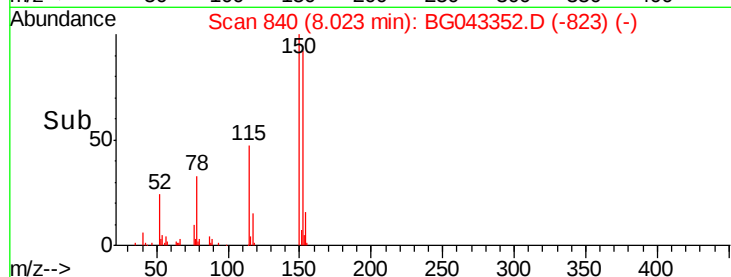
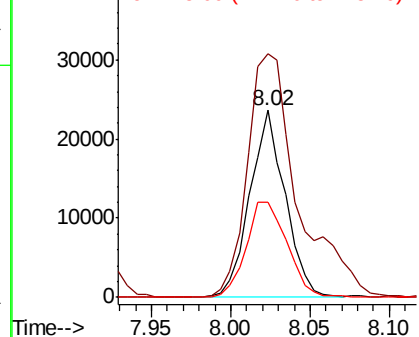


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

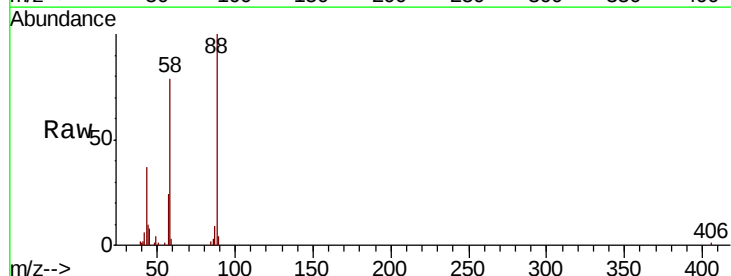
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.229 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	60.2	90.2
43	35.4	22.7	34.1

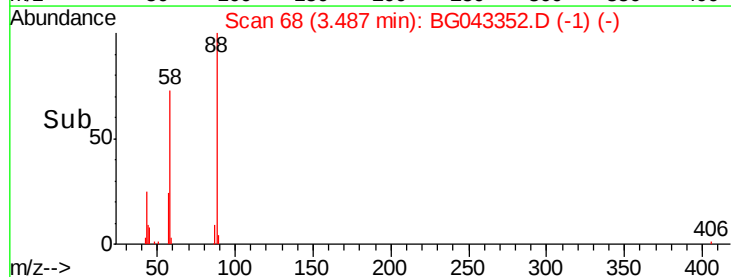
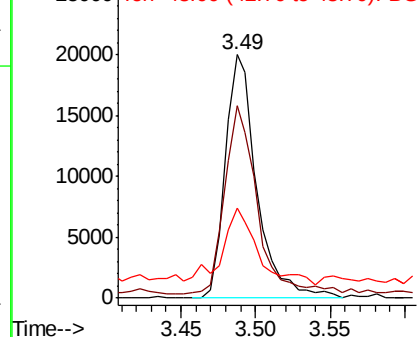


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.778 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

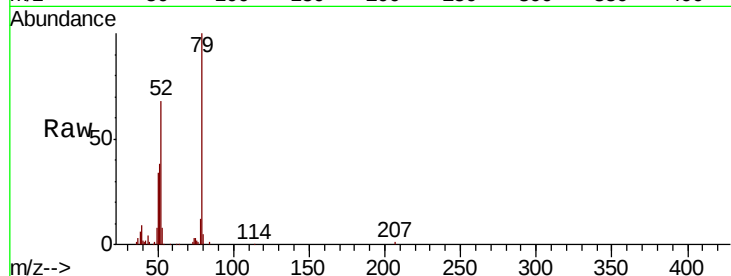
Tot Ion: 79 Resp: 68136

Ion Ratio Lower Upper

79 100

52 68.1 59.7 89.5

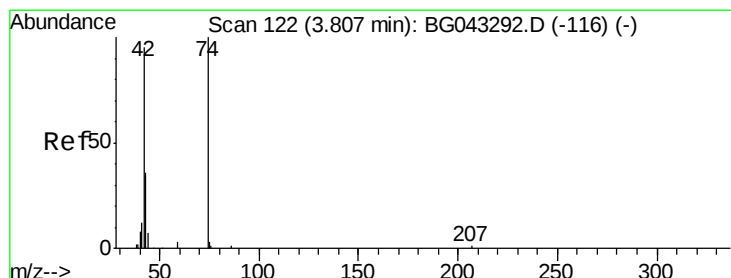
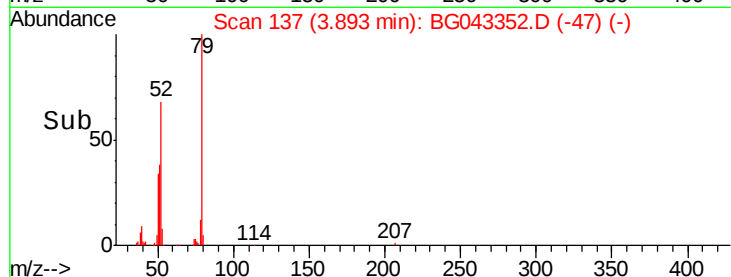
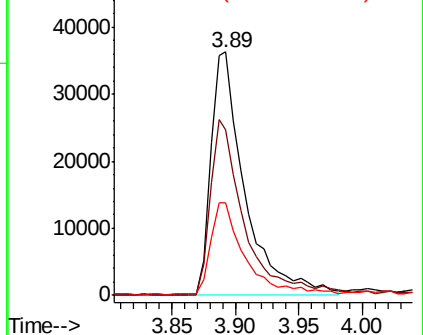
51 38.2 31.8 47.6



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: 43.412 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

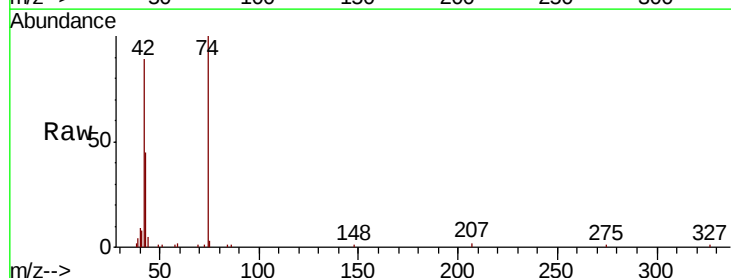
Tgt Ion: 42 Resp: 42918

Ion Ratio Lower Upper

42 100

74 112.7 84.2 126.2

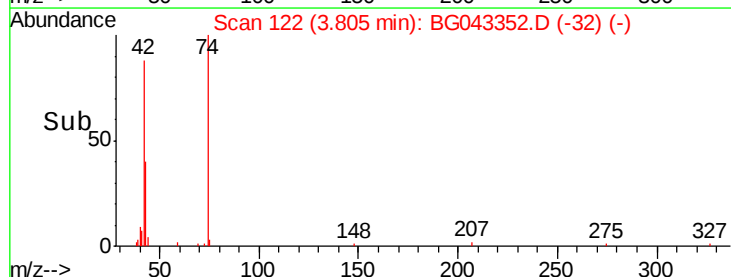
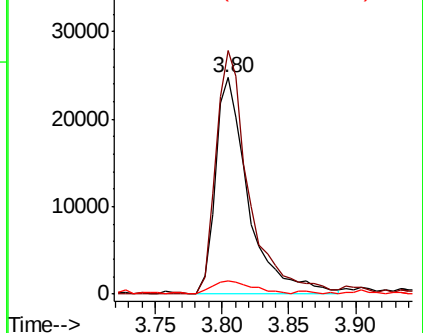
44 6.0 6.0 9.0#

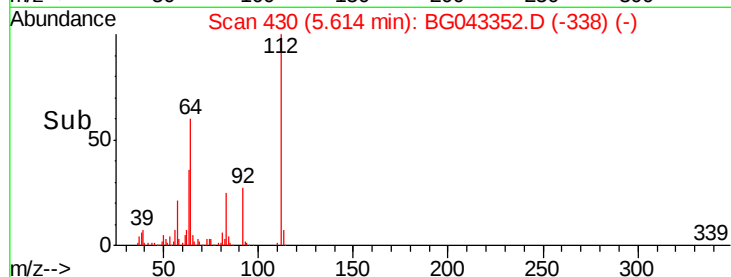
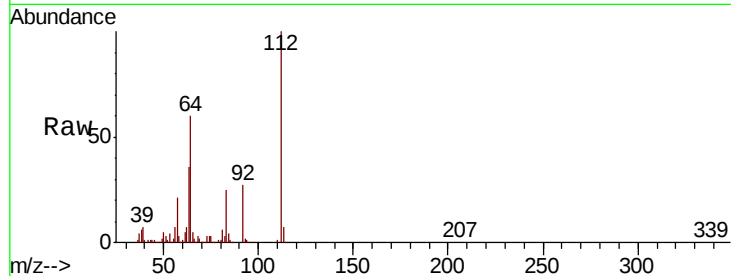
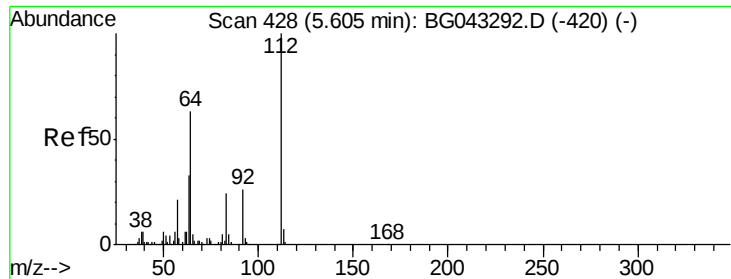


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

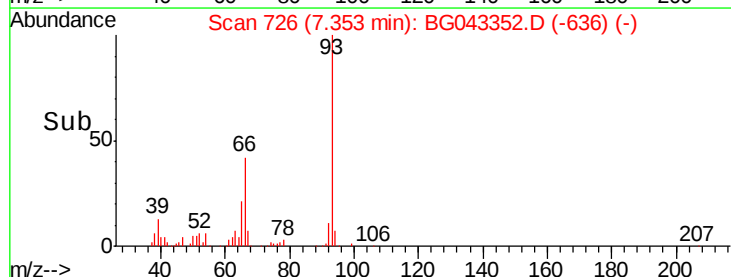
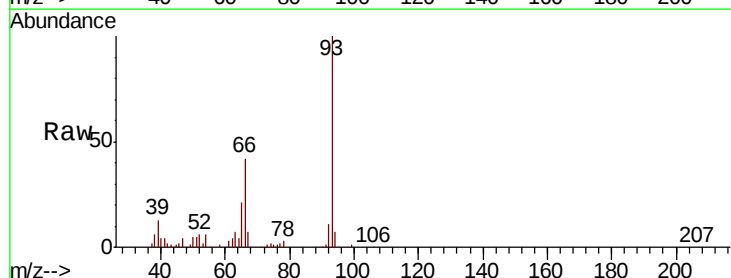
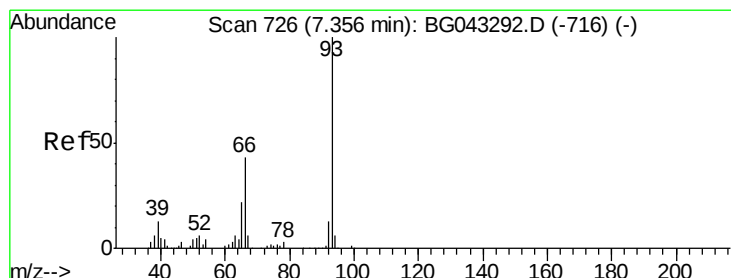
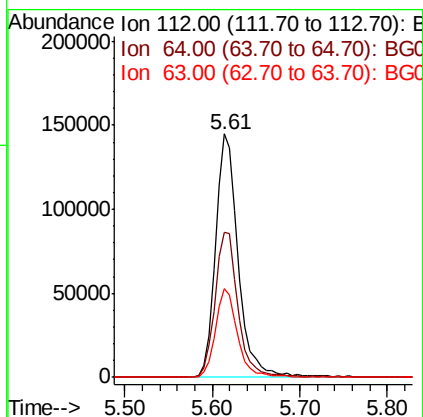




#5
2-Fluorophenol
Concen: 130.613 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

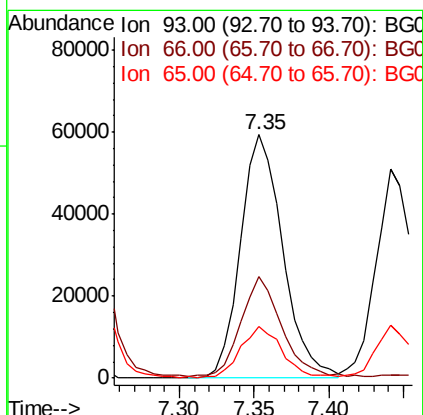
Instrument :
BNA_G
ClientSampleId :
PB124295BS

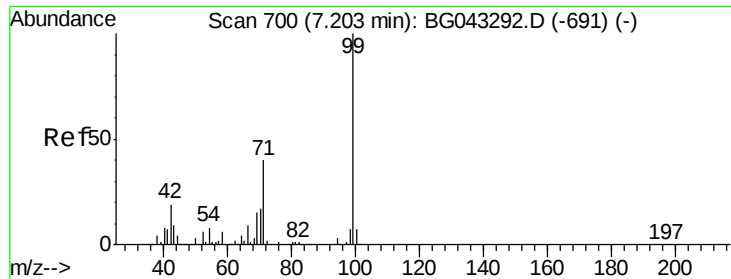
Tot Ion:112 Resp: 260314
Ion Ratio Lower Upper
112 100
64 59.8 50.2 75.2
63 36.4 26.7 40.1



#6
Aniline
Concen: 35.295 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion: 93 Resp: 116589
Ion Ratio Lower Upper
93 100
66 41.8 34.5 51.7
65 21.0 18.0 27.0





#7

Phenol-d6

Concen: 124.243 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

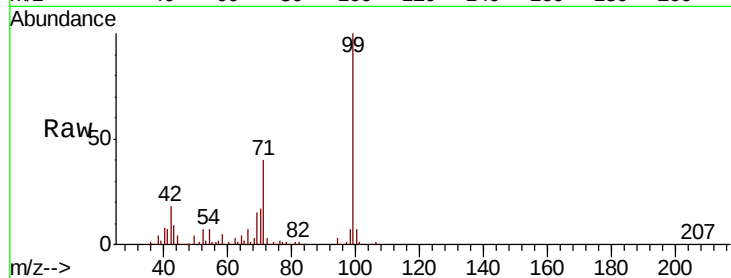
Tot Ion: 99 Resp: 356266

Ion Ratio Lower Upper

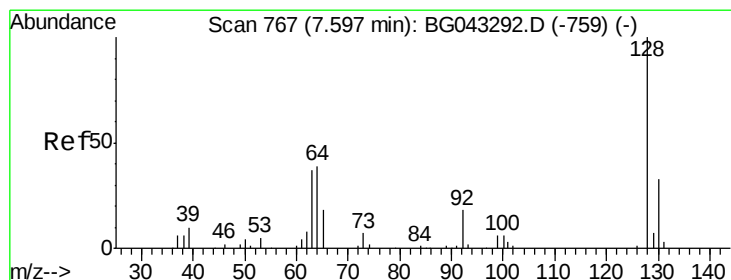
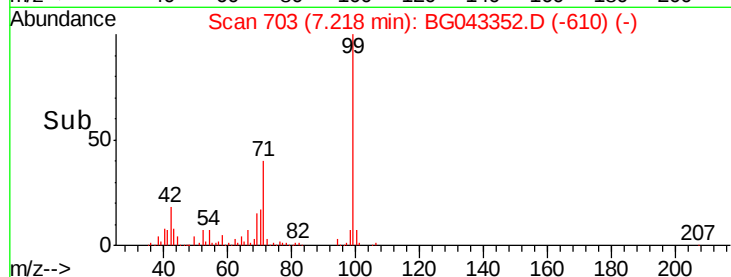
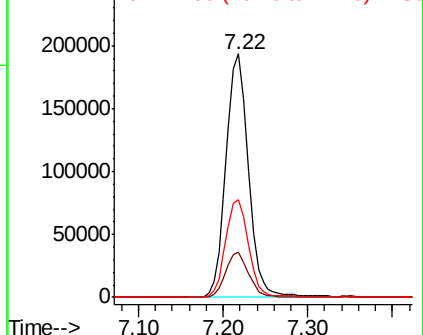
99 100

42 18.3 14.9 22.3

71 40.3 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: 48.174 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

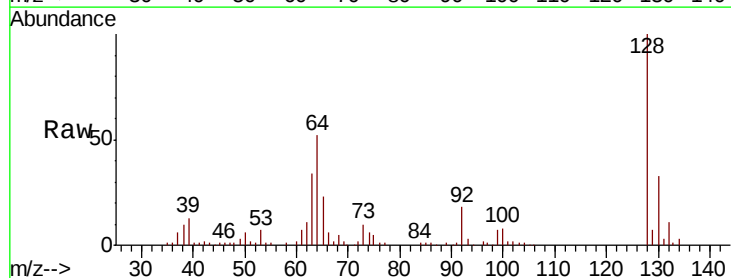
Tgt Ion: 128 Resp: 105985

Ion Ratio Lower Upper

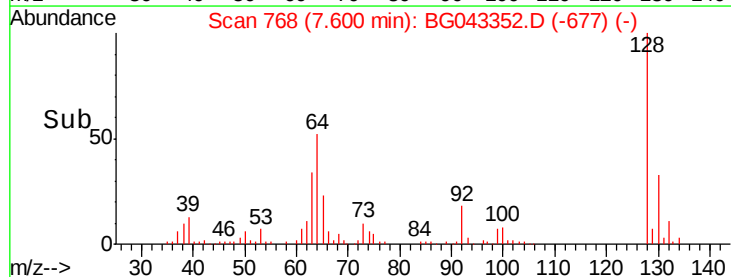
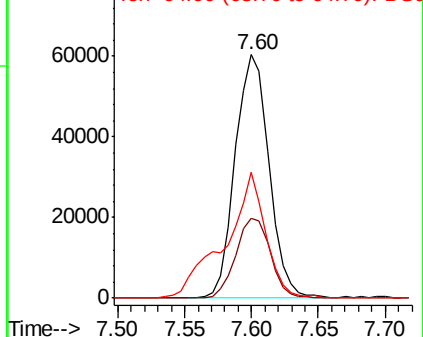
128 100

130 32.6 12.9 52.9

64 51.9 24.9 64.9



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





#9

Benzaldehyde

Concen: 43.181 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

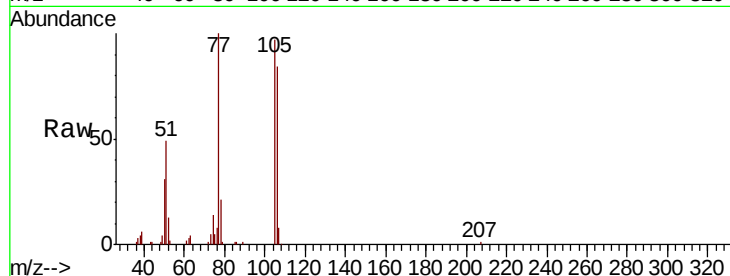
Tot Ion: 77 Resp: 60851

Ion Ratio Lower Upper

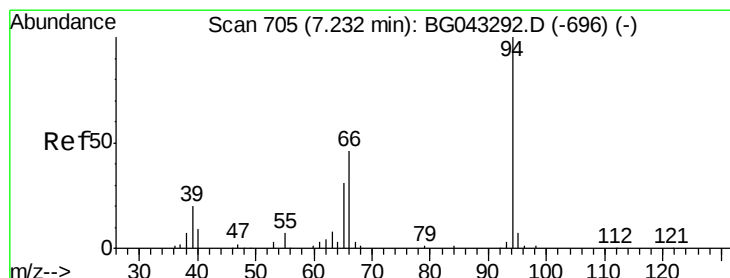
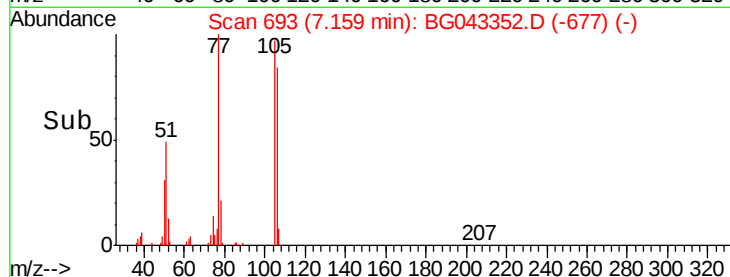
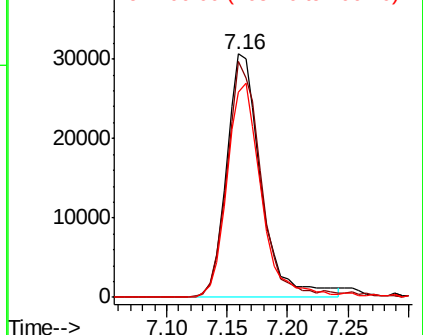
77 100

105 96.8 68.7 108.7

106 84.5 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: 48.214 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

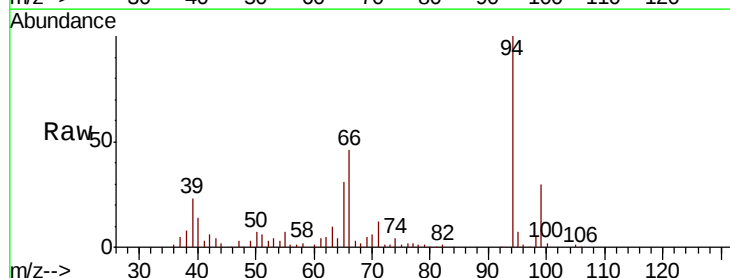
Tgt Ion: 94 Resp: 126335

Ion Ratio Lower Upper

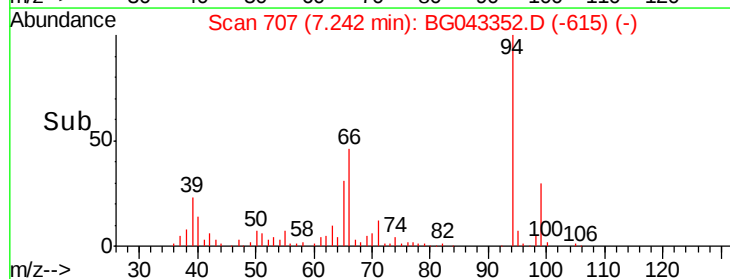
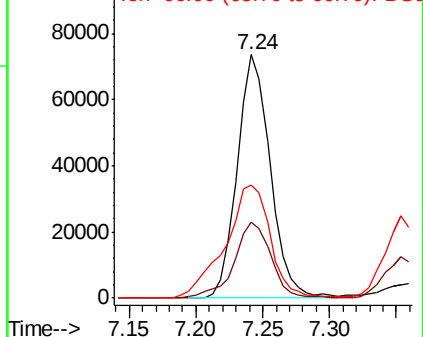
94 100

65 31.1 11.1 51.1

66 46.3 27.8 67.8



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

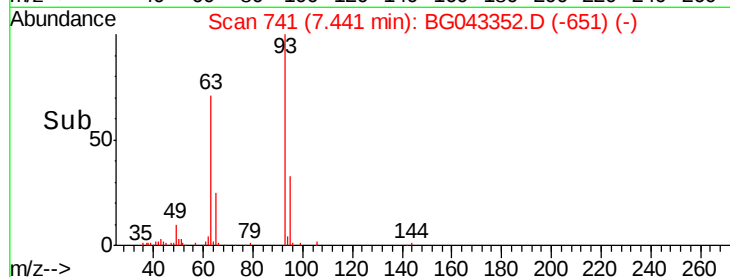
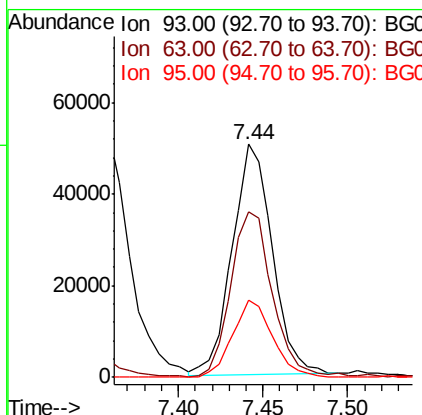
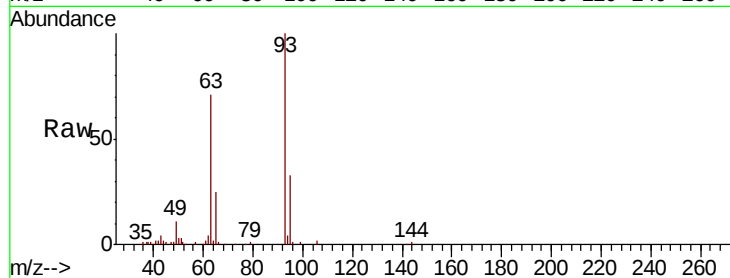




#11
bis(2-Chloroethyl)ether
Concen: 41.017 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

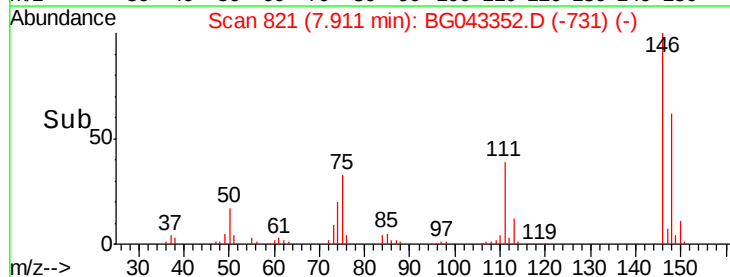
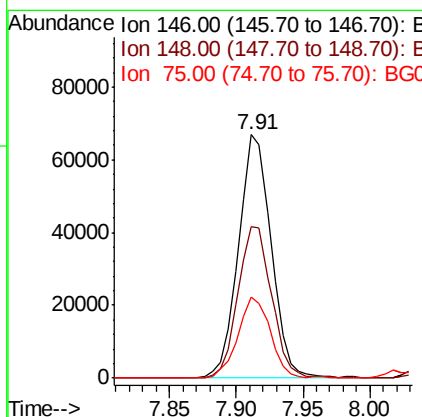
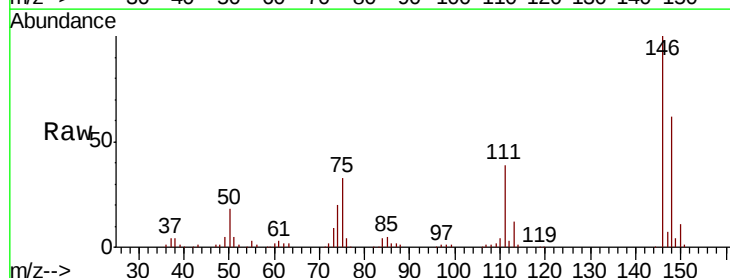
Instrument :
BNA_G
ClientSampleId :
PB124295BS

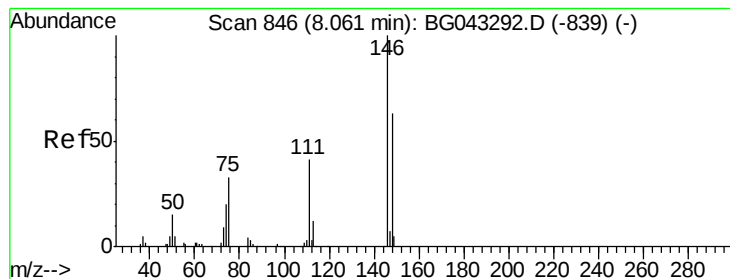
Tot Ion	93	Resp	83095
Ion Ratio	100		
Lower	54.6		
Upper	94.6		
95	33.2	9.7	49.7



#12
1,3-Dichlorobenzene
Concen: 41.074 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion	146	Resp	113219
Ion Ratio	100		
Lower	53.4		
Upper	80.2		
148	62.3	27.0	40.4
75	33.1		





#13

1,4-Dichlorobenzene

Concen: 41.674 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

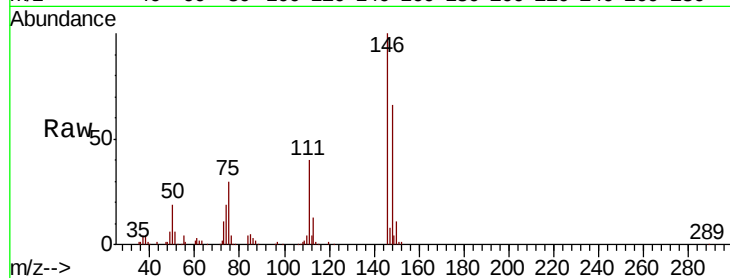
Tot Ion:146 Resp: 116225

Ion Ratio Lower Upper

146 100

148 66.3 50.7 76.1

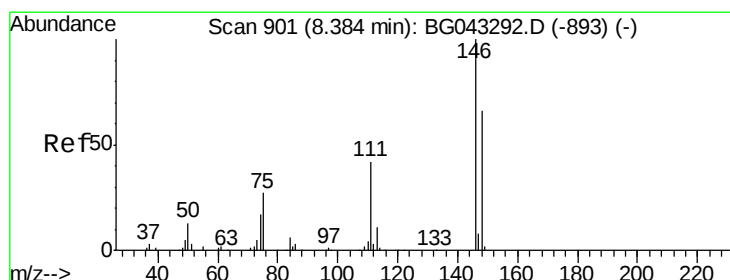
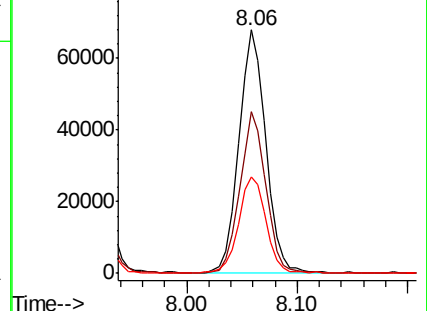
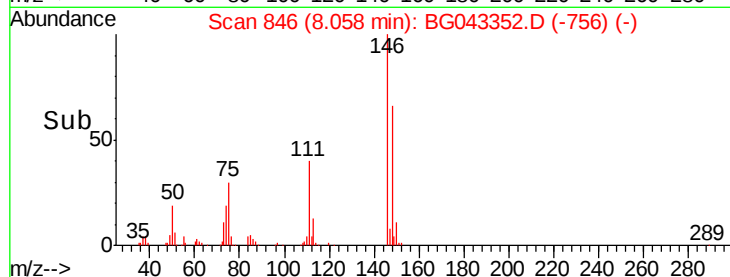
111 39.8 33.0 49.6



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: 42.253 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

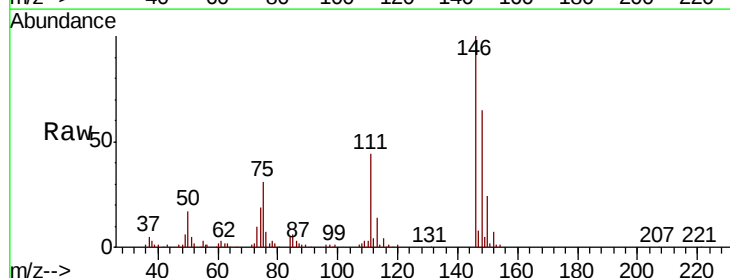
Tgt Ion:146 Resp: 115057

Ion Ratio Lower Upper

146 100

148 65.1 53.0 79.4

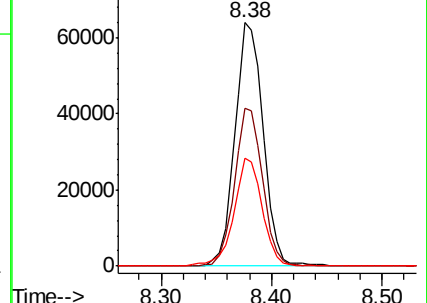
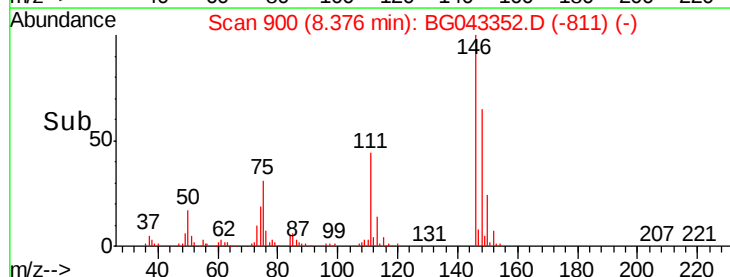
111 44.1 34.5 51.7

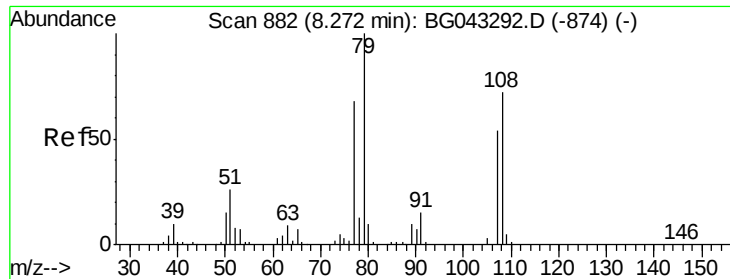


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.715 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

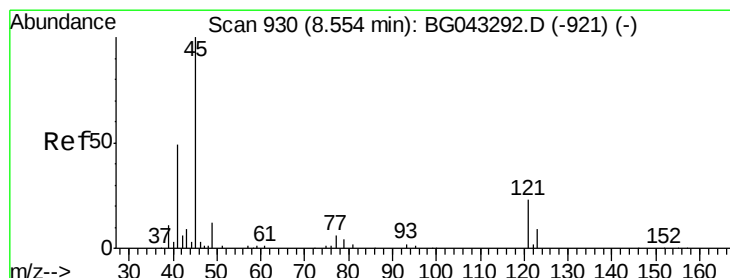
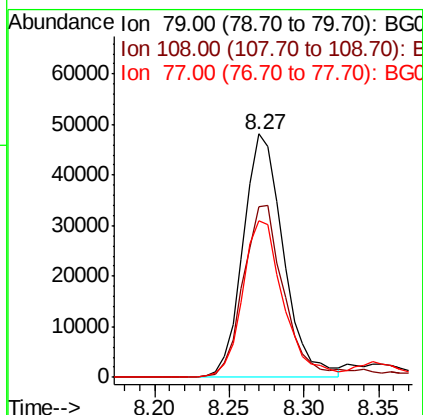
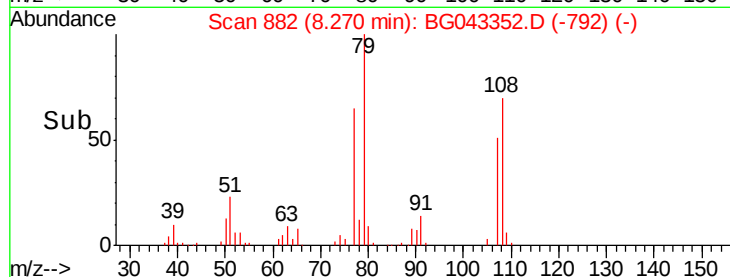
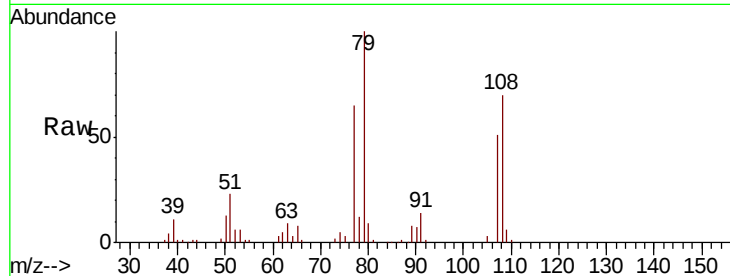
Tot Ion: 79 Resp: 90048

Ion Ratio Lower Upper

79 100

108 70.0 57.3 85.9

77 64.5 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.975 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

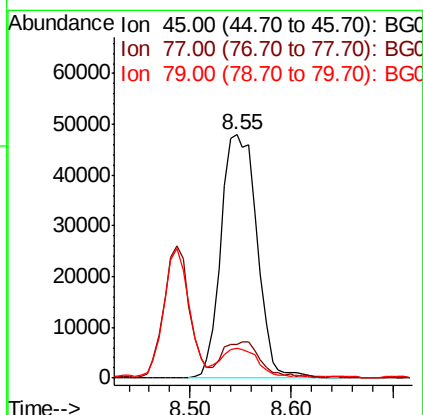
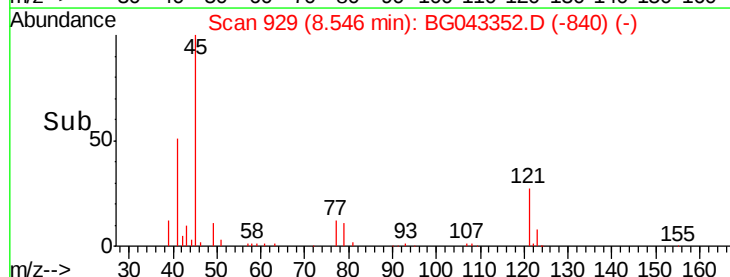
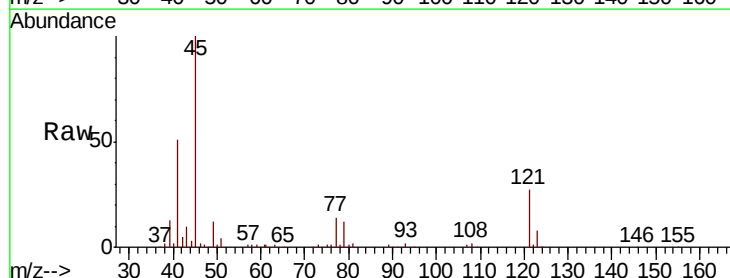
Tgt Ion: 45 Resp: 117755

Ion Ratio Lower Upper

45 100

77 14.0 0.0 34.2

79 12.2 0.0 32.3





#17

2-Methylphenol

Concen: 45.763 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

Tot Ion:107 Resp: 87416

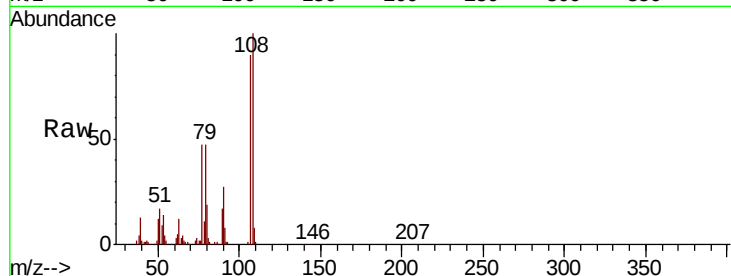
Ion Ratio Lower Upper

107 100

108 110.9 91.3 136.9

77 52.5 43.0 64.6

79 51.7 43.4 65.2

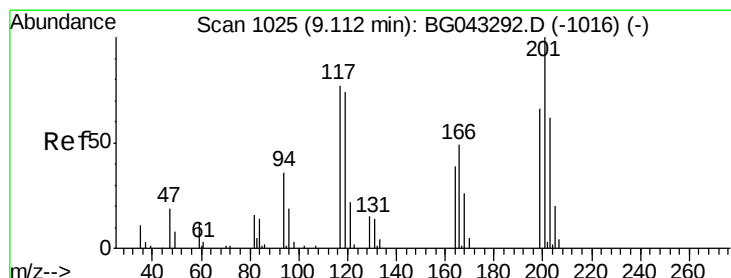
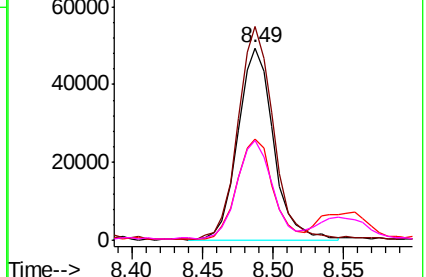
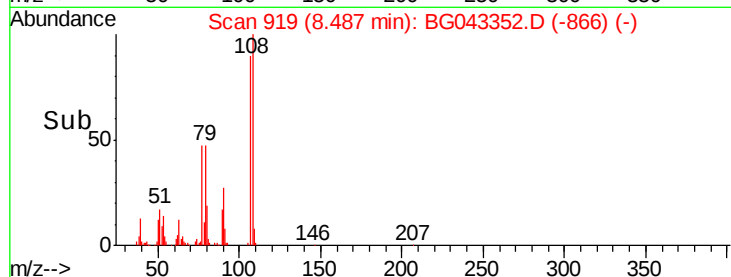


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.867 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

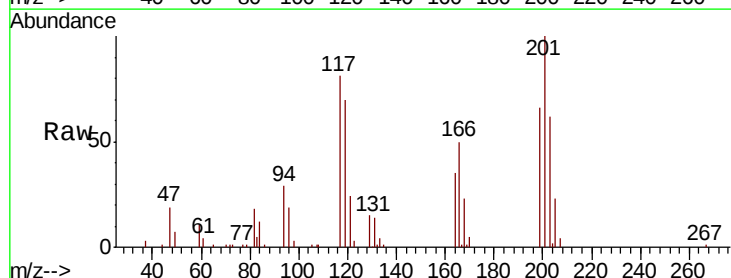
Tgt Ion:117 Resp: 42127

Ion Ratio Lower Upper

117 100

119 86.7 77.3 115.9

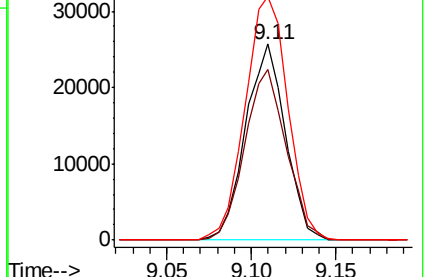
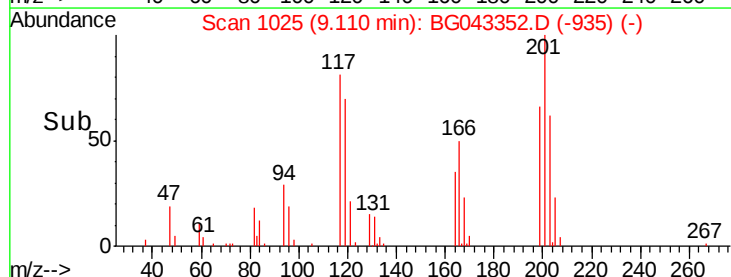
201 124.1 104.2 156.4

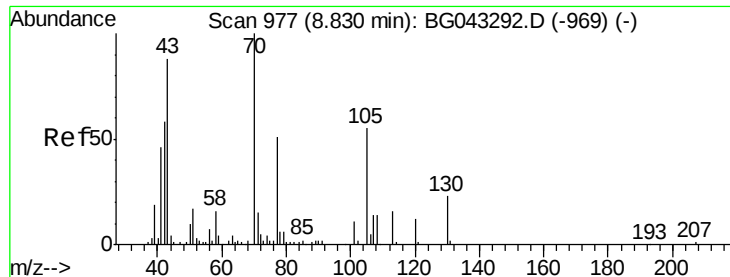


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

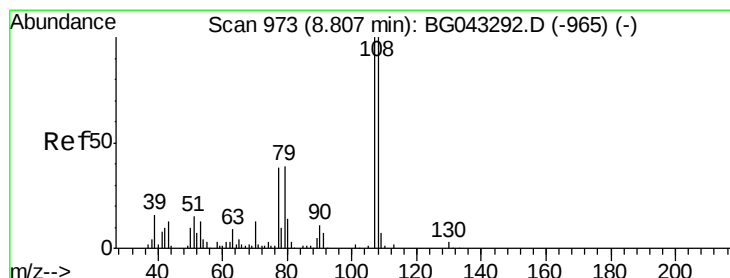
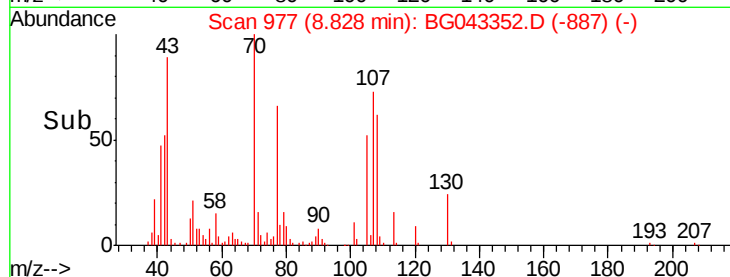
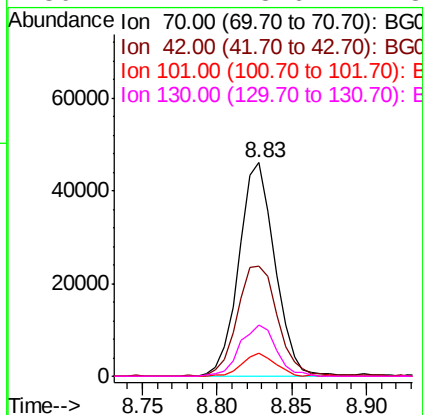
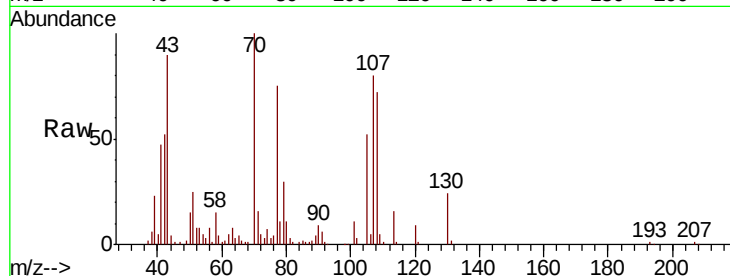




#19
n-Nitroso-di-n-propylamine
Concen: 41.534 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

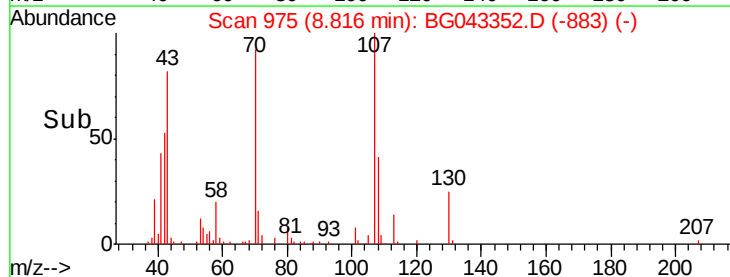
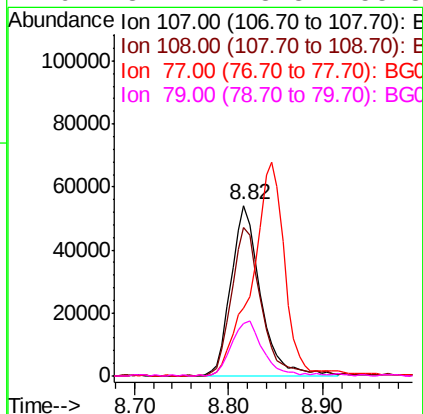
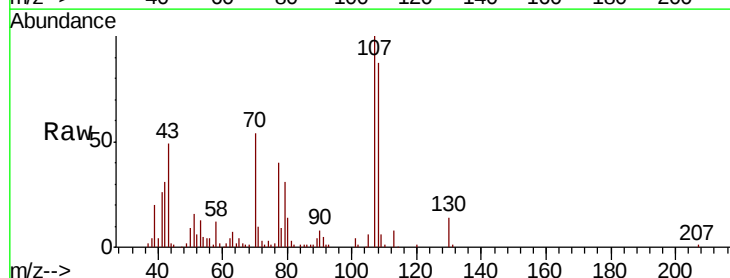
Instrument :
BNA_G
ClientSampleId :
PB124295BS

Tot Ion:	70	Resp:	76958
Ion	Ratio	Lower	Upper
70	100		
42	51.8	46.2	69.2
101	10.9	8.6	13.0
130	24.1	18.6	27.8



#20
3+4-Methylphenols
Concen: 45.074 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:	107	Resp:	118065
Ion	Ratio	Lower	Upper
107	100		
108	87.2	80.3	120.3
77	39.8	18.2	58.2
79	31.2	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

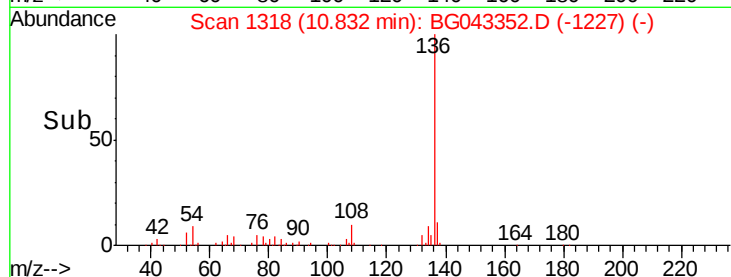
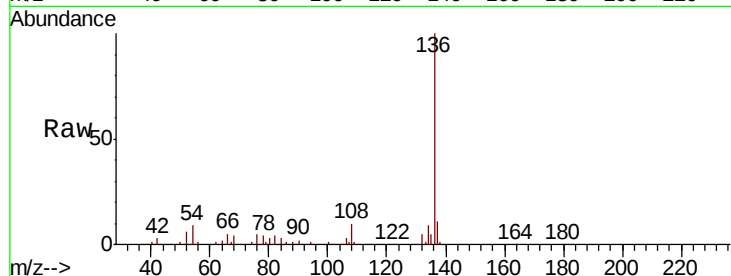
ClientSampleId :

PB124295BS

Tot Ion:136 Resp: 152538

Ion Ratio Lower Upper

136	100		
137	10.9	8.2	12.2
54	9.3	5.4	8.2#
68	3.7	3.3	4.9



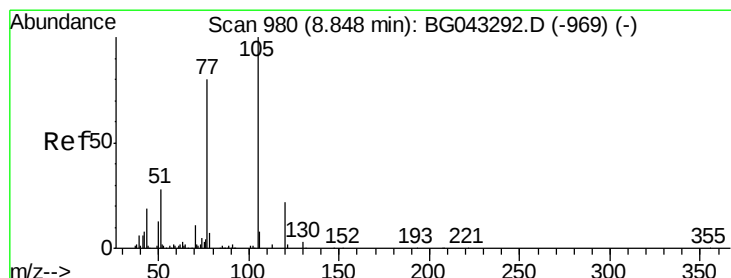
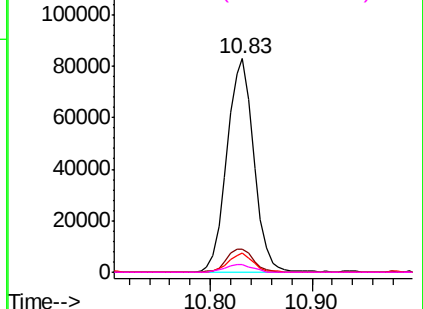
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.731 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

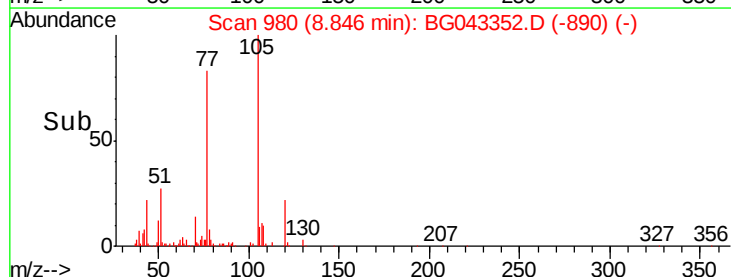
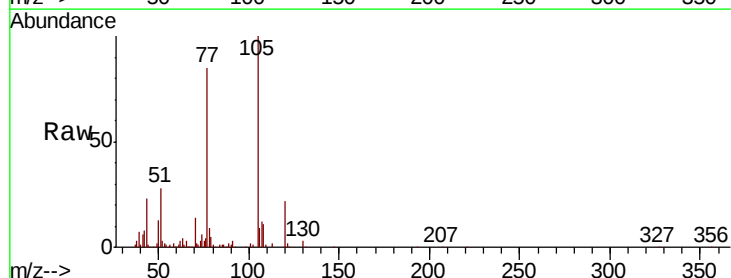
Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Tgt Ion:105 Resp: 147391

Ion Ratio Lower Upper

105	100		
71	2.0	1.5	2.3
51	28.3	23.9	35.9
120	21.9	17.3	25.9



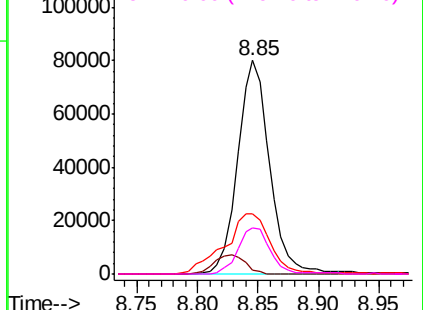
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

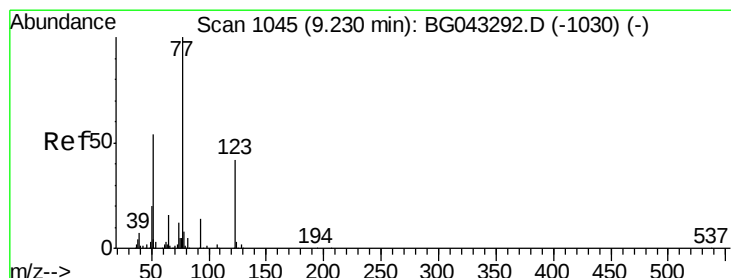
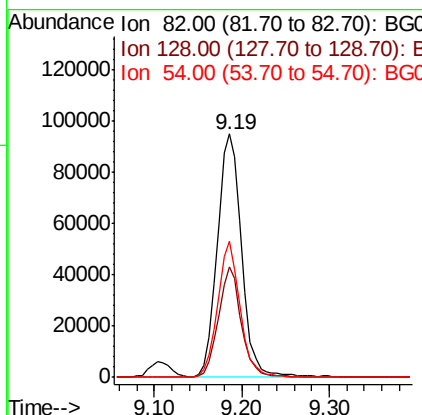
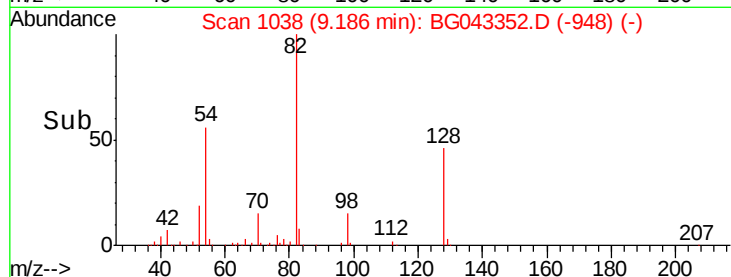
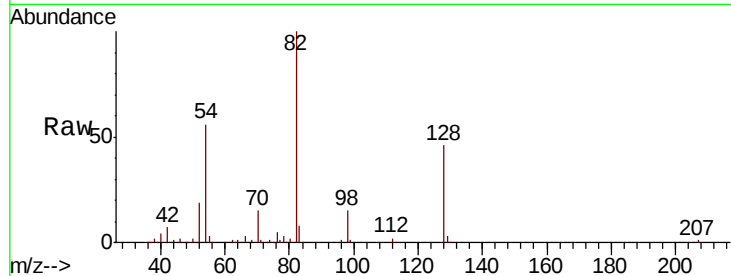




#23
Nitrobenzene-d5
Concen: 61.736 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

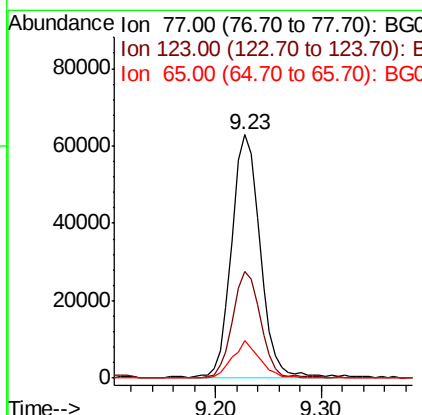
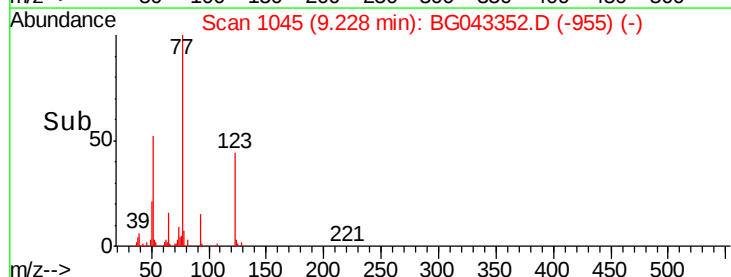
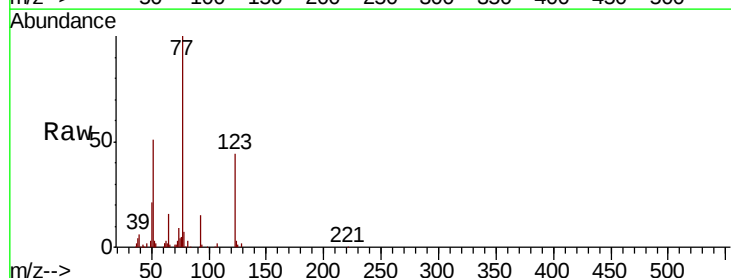
Instrument :
BNA_G
ClientSampleId :
PB124295BS

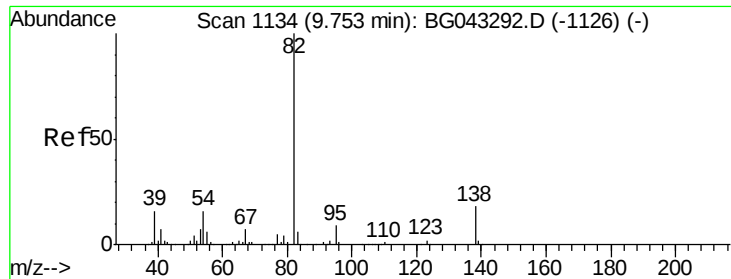
Tot Ion: 82 Resp: 182662
Ion Ratio Lower Upper
82 100
128 45.6 35.3 52.9
54 55.7 42.3 63.5



#24
Nitrobenzene
Concen: 41.213 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion: 77 Resp: 116161
Ion Ratio Lower Upper
77 100
123 43.7 33.8 50.8
65 15.7 13.0 19.4





#25

Isophorone

Concen: 39.325 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

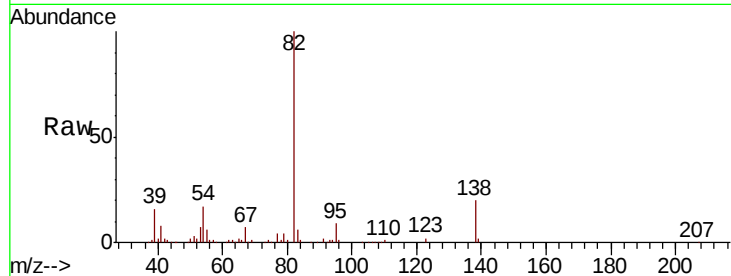
Tot Ion: 82 Resp: 212725

Ion Ratio Lower Upper

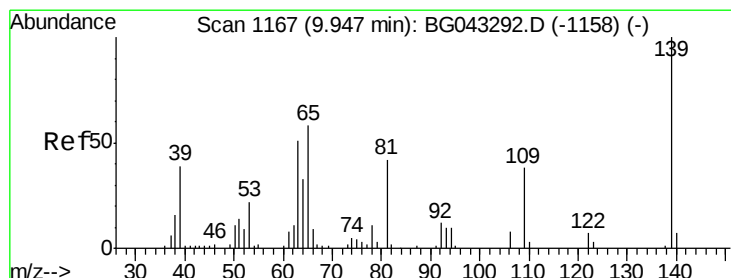
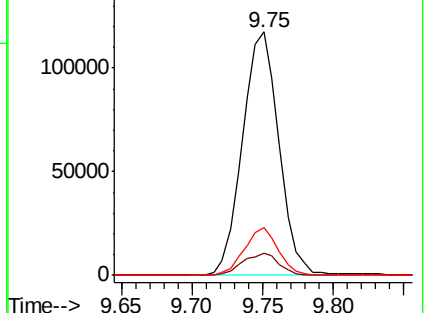
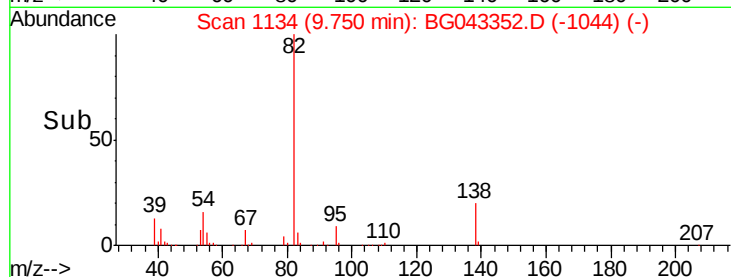
82 100

95 9.2 6.9 10.3

138 19.6 14.2 21.2



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



#26

2-Nitrophenol

Concen: 44.394 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

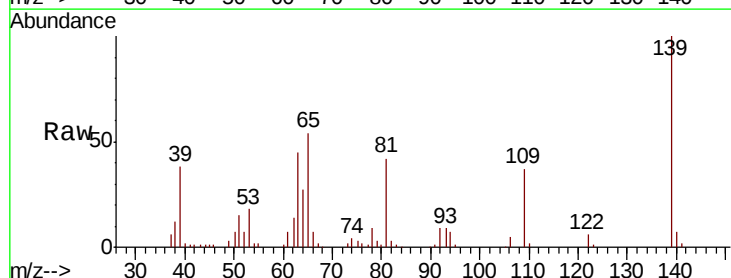
Tgt Ion: 139 Resp: 60409

Ion Ratio Lower Upper

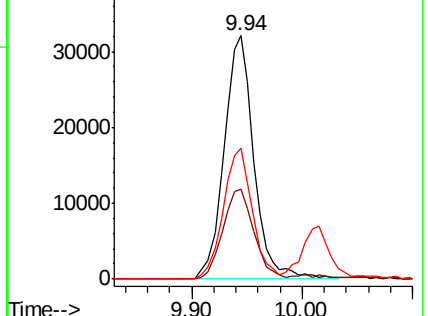
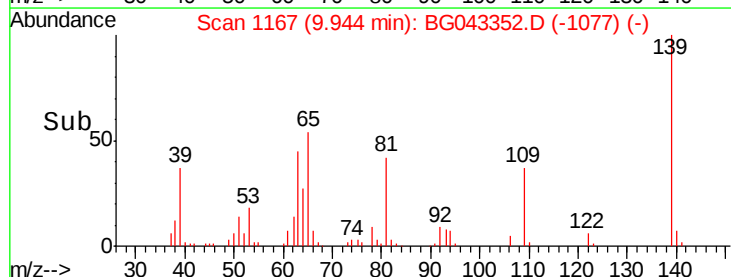
139 100

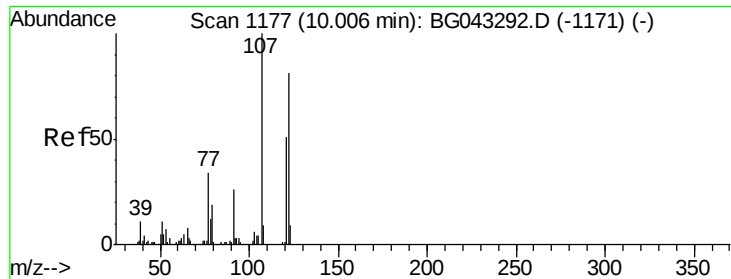
109 36.8 30.1 45.1

65 54.0 46.1 69.1



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

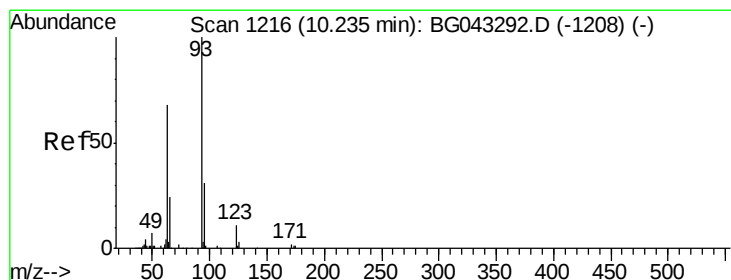
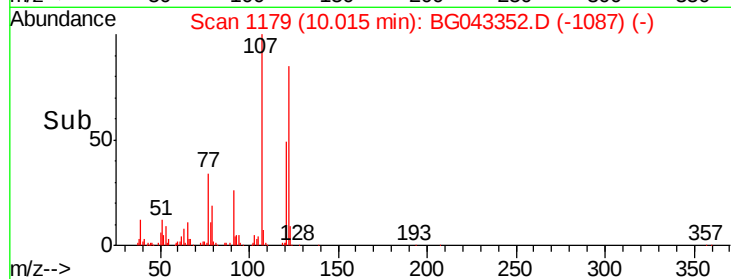
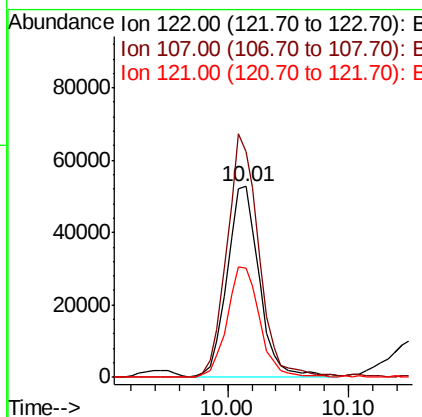
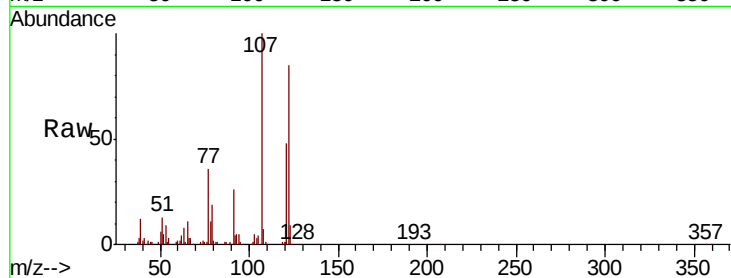




#27
 2,4-Dimethylphenol
 Concen: 49.399 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BG043352.D
 Acq: 28 Oct 2019 16:22

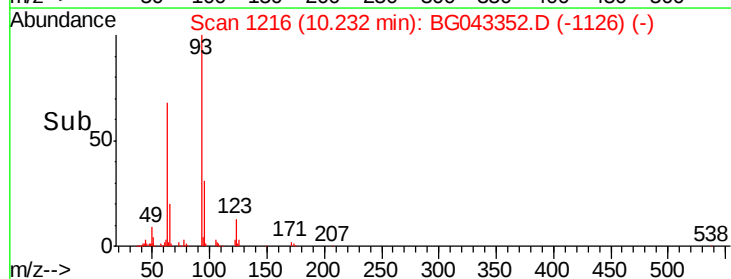
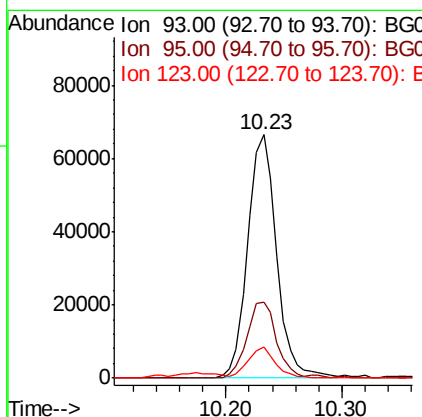
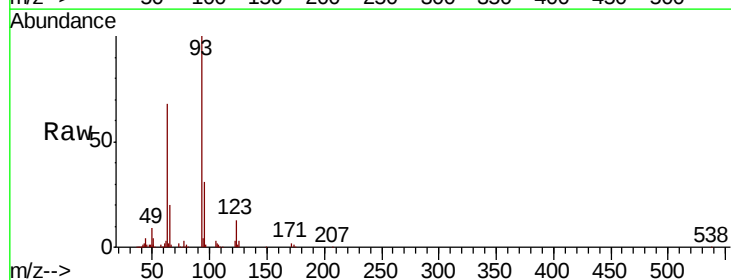
Instrument :
 BNA_G
 ClientSampleId :
 PB124295BS

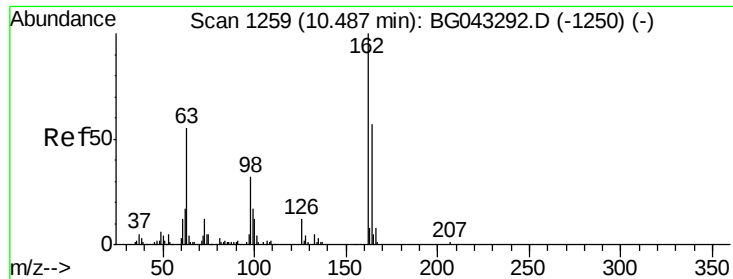
Tot Ion:122 Resp: 96345
 Ion Ratio Lower Upper
 122 100
 107 118.1 98.6 147.8
 121 57.3 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.997 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043352.D
 Acq: 28 Oct 2019 16:22

Tgt Ion: 93 Resp: 116429
 Ion Ratio Lower Upper
 93 100
 95 31.0 24.9 37.3
 123 12.8 8.9 13.3

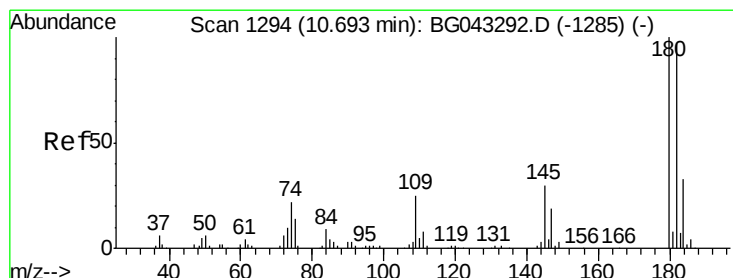
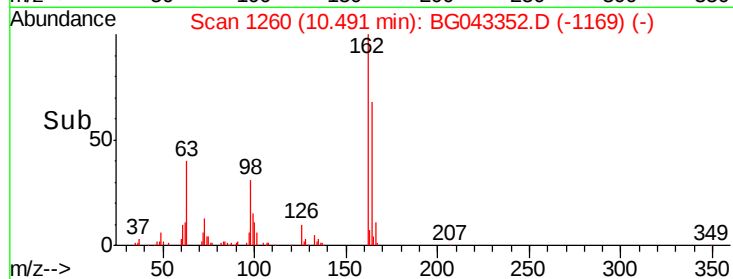
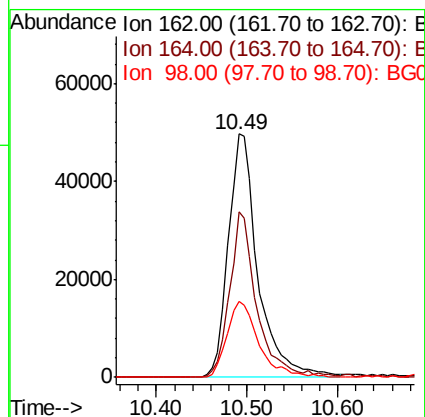
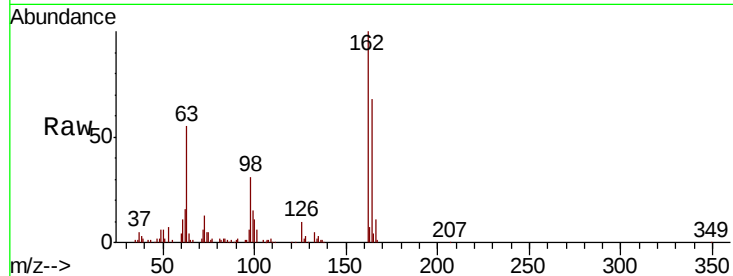




#29
2,4-Dichlorophenol
Concen: 45.178 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

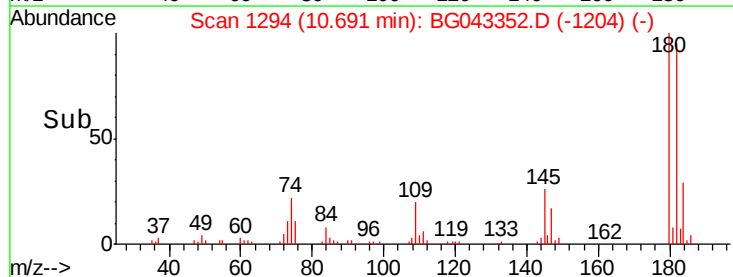
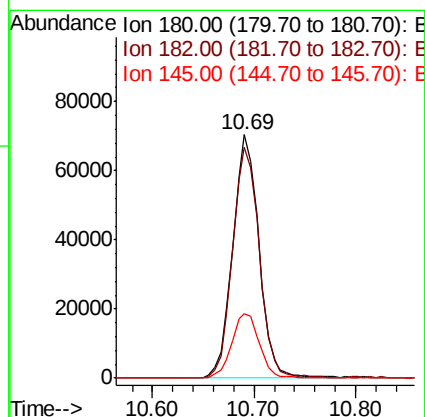
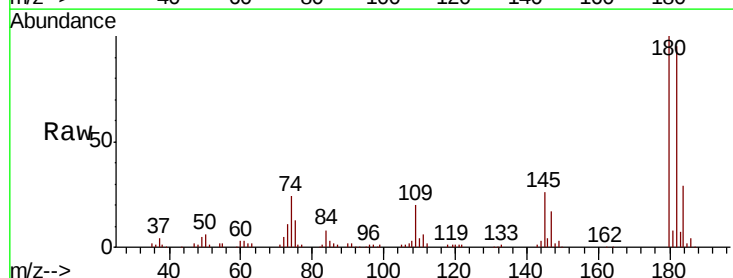
Instrument :
BNA_G
ClientSampleId :
PB124295BS

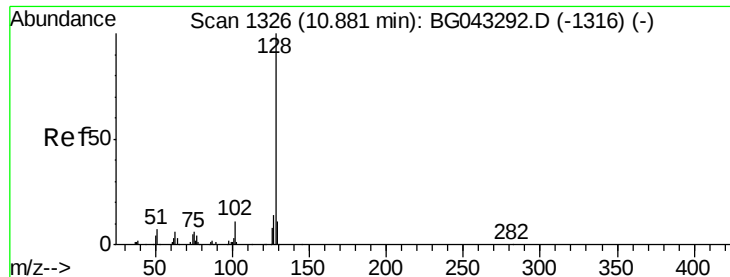
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	37.3	77.3
98	31.4	11.8	51.8



#30
1,2,4-Trichlorobenzene
Concen: 40.141 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.8	116.8
145	26.4	23.6	35.4

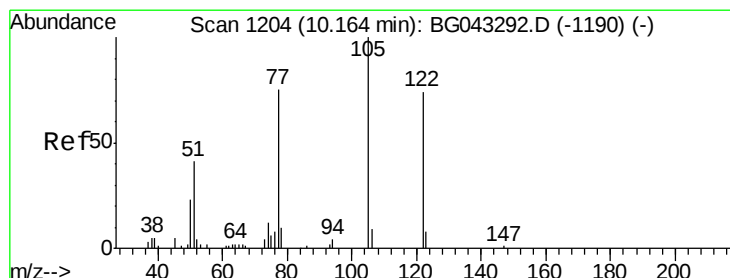
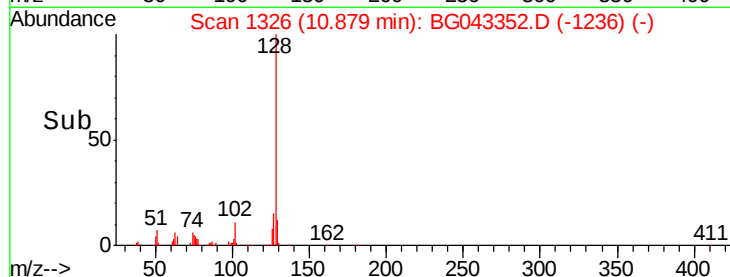
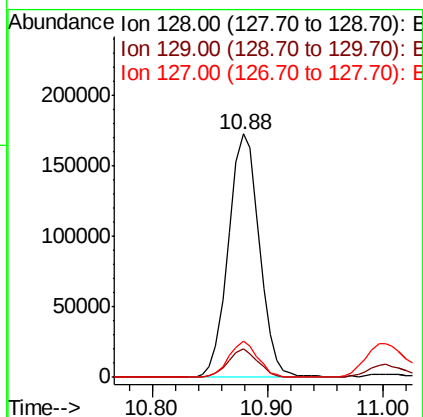
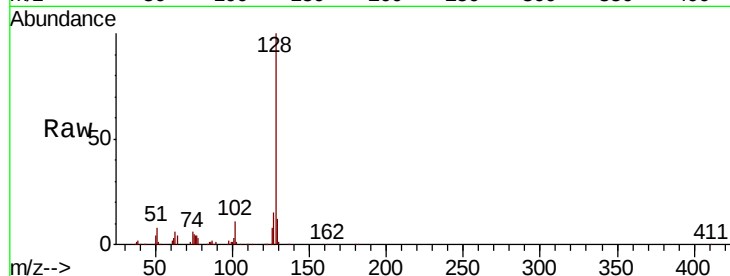




#31
Naphthalene
Concen: 41.552 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

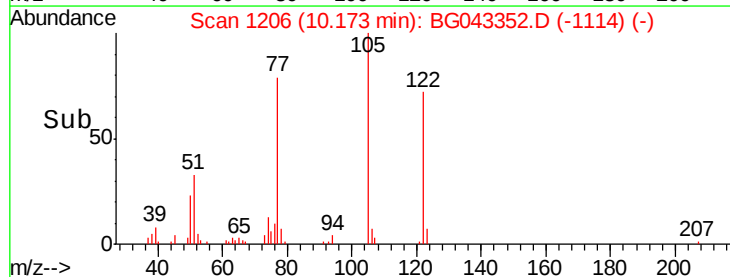
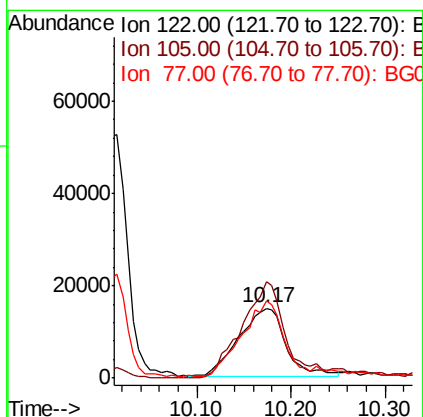
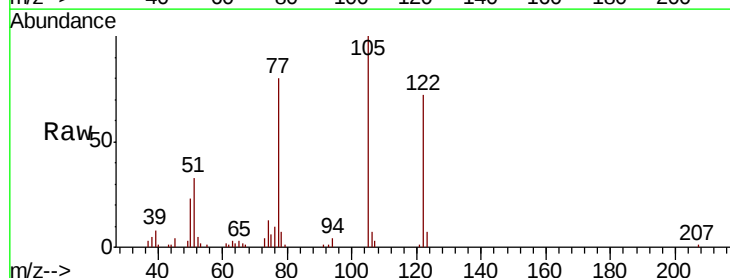
Instrument :
BNA_G
ClientSampleId :
PB124295BS

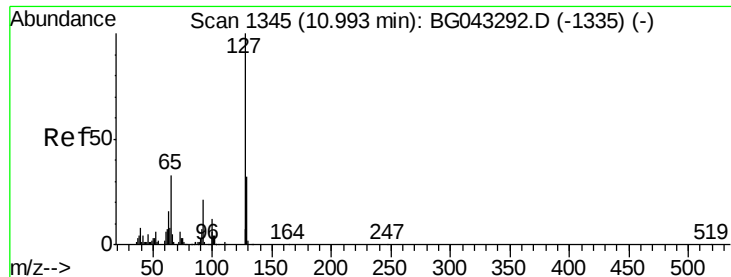
Tot Ion:128 Resp: 321728
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 14.7 11.5 17.3



#32
Benzoic acid
Concen: 36.841 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:122 Resp: 51003
Ion Ratio Lower Upper
122 100
105 138.1 112.4 152.4
77 110.9 82.7 122.7

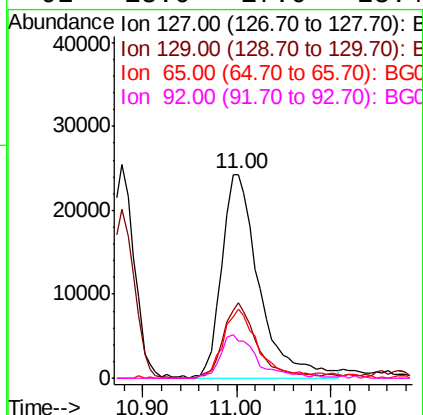
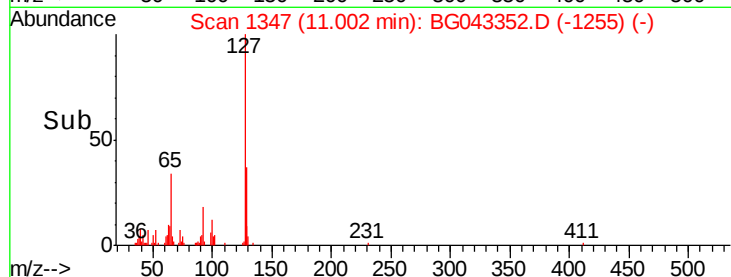
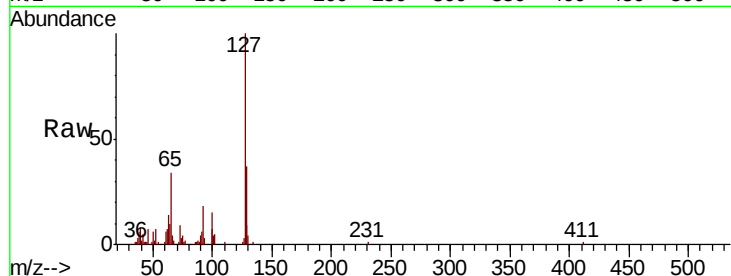




#33
4-Chloroaniline
Concen: 21.260 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

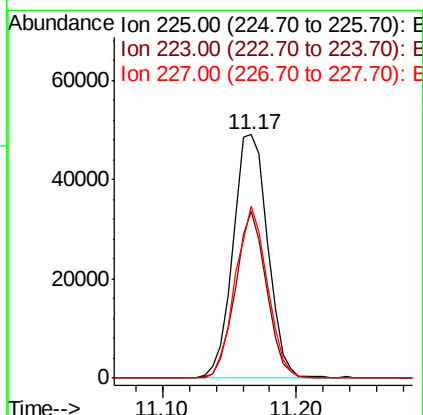
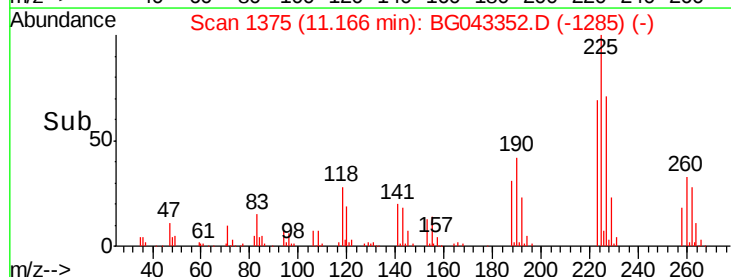
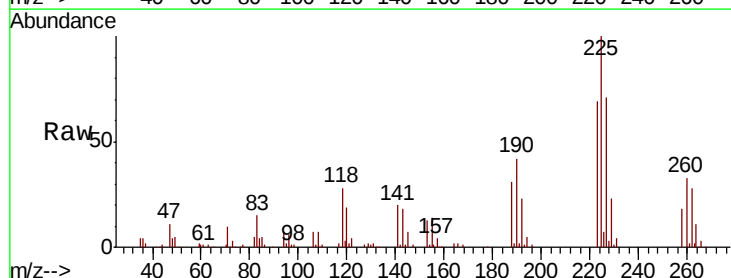
Instrument :
BNA_G
ClientSampleId :
PB124295BS

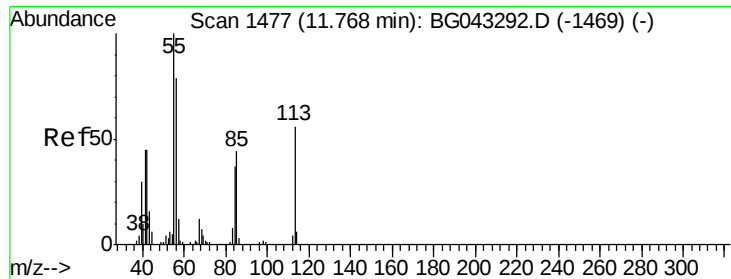
Tot Ion	Ratio	Lower	Upper
127	100		
129	36.8	25.8	38.8
65	33.8	26.2	39.2
92	18.0	17.0	25.4



#34
Hexachlorobutadiene
Concen: 37.979 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.8	53.2	79.8
227	70.7	56.2	84.2





#35

Caprolactam

Concen: 39.778 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

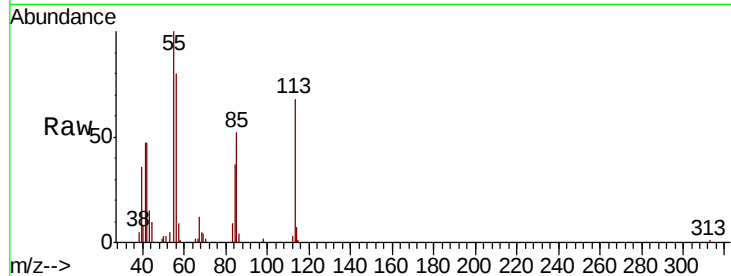
Tot Ion:113 Resp: 34234

Ion Ratio Lower Upper

113 100

55 147.6 158.9 198.9#

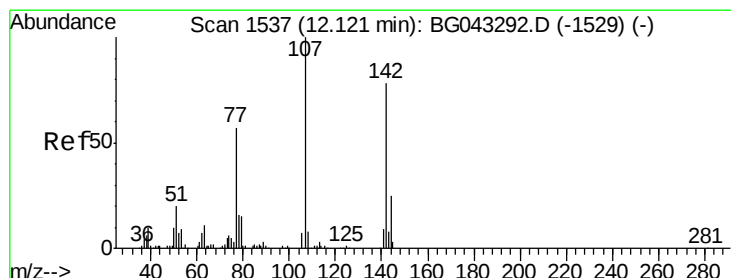
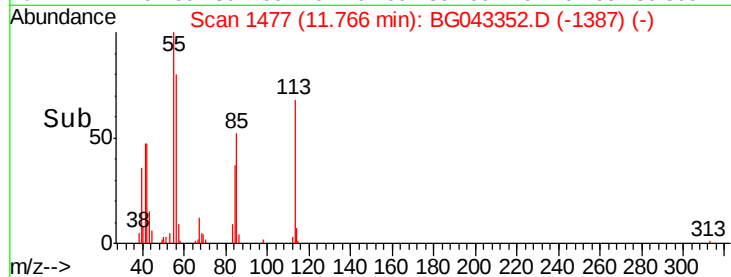
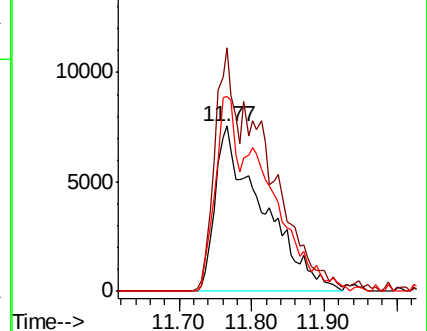
56 118.4 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.858 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

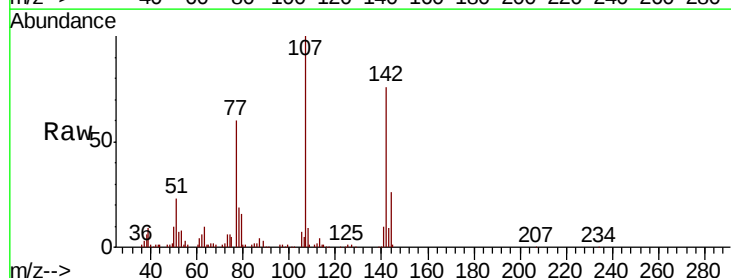
Tgt Ion:107 Resp: 116822

Ion Ratio Lower Upper

107 100

144 26.0 19.9 29.9

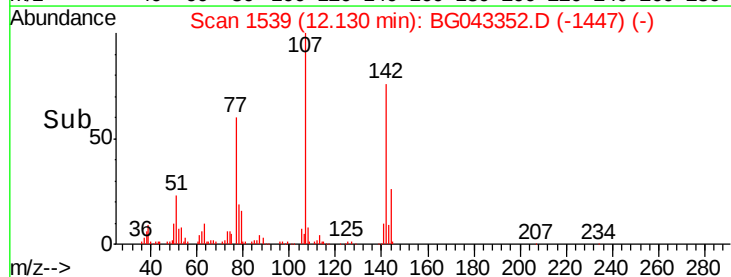
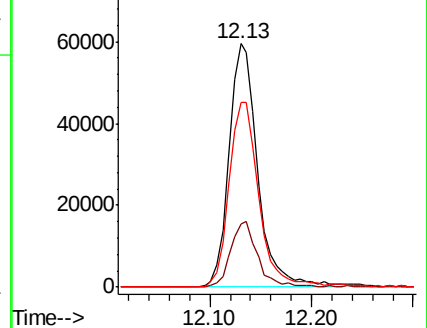
142 75.9 62.1 93.1

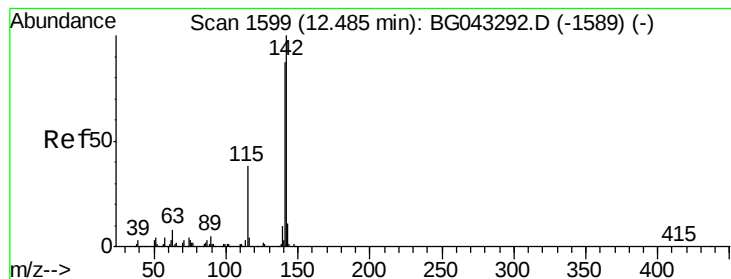


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.858 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

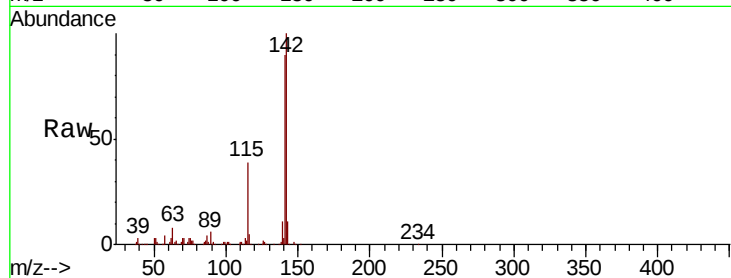
Tot Ion:142 Resp: 242733

Ion Ratio Lower Upper

142 100

141 89.9 69.7 104.5

115 39.3 30.6 46.0

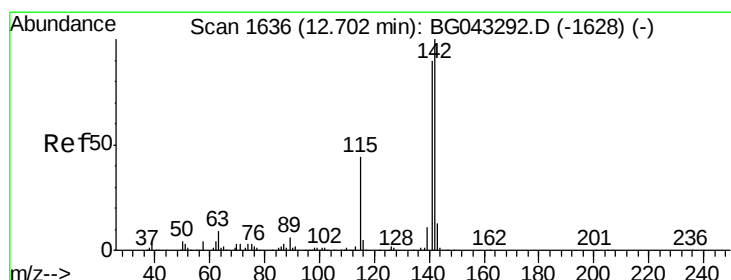
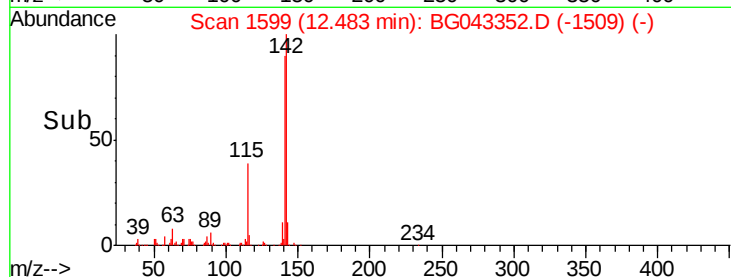
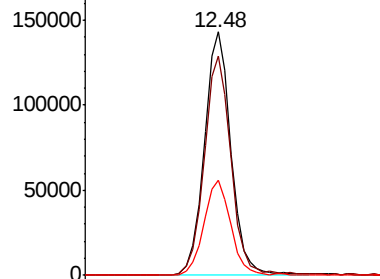


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.340 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

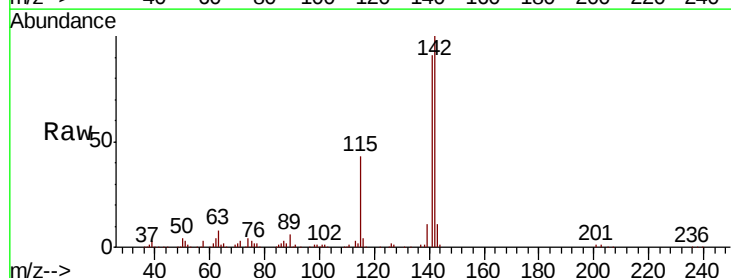
Tgt Ion:142 Resp: 233679

Ion Ratio Lower Upper

142 100

141 91.4 72.3 108.5

116 4.2 3.8 5.6

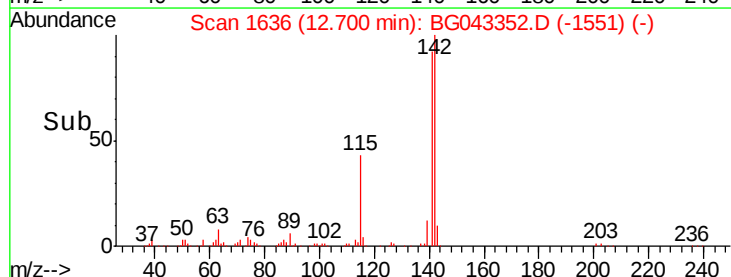
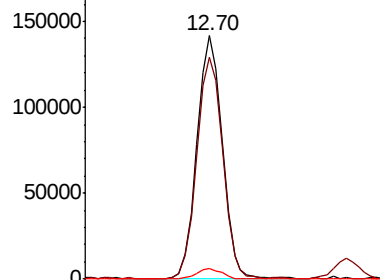


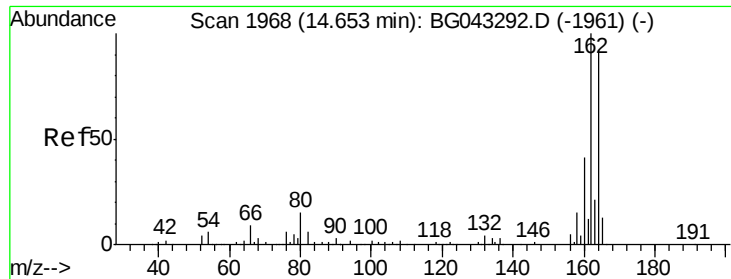
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

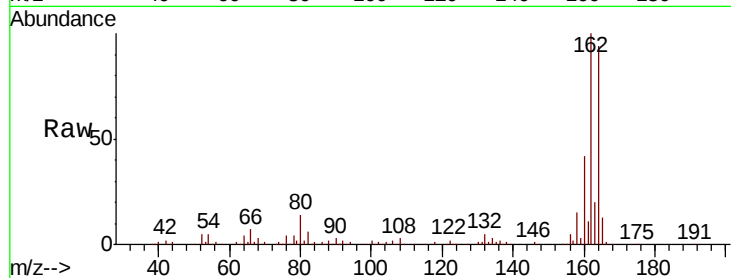
Tot Ion:164 Resp: 110406

Ion Ratio Lower Upper

164 100

162 106.7 87.0 130.4

160 44.6 35.5 53.3

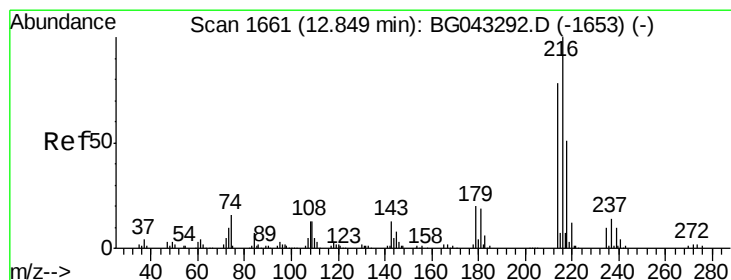
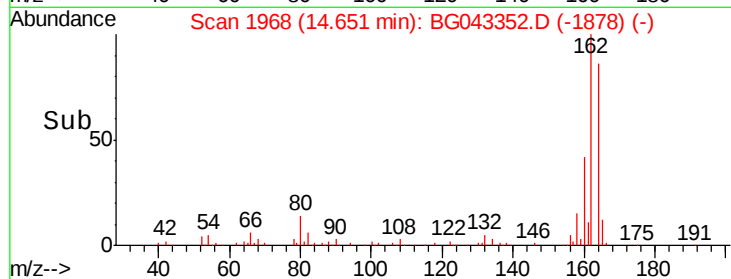
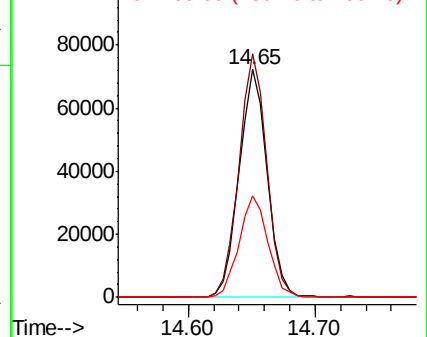


Abundance

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: 38.588 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Tgt Ion:216 Resp: 157669

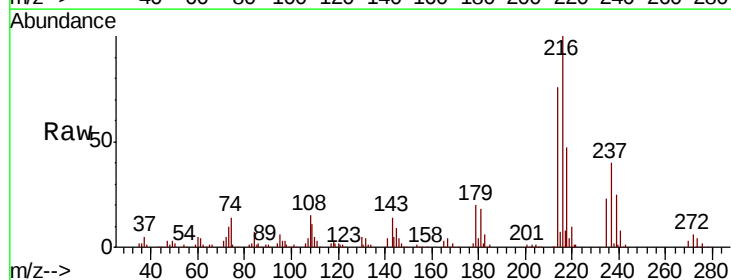
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 20.2 16.2 24.2

108 16.2 11.2 16.8



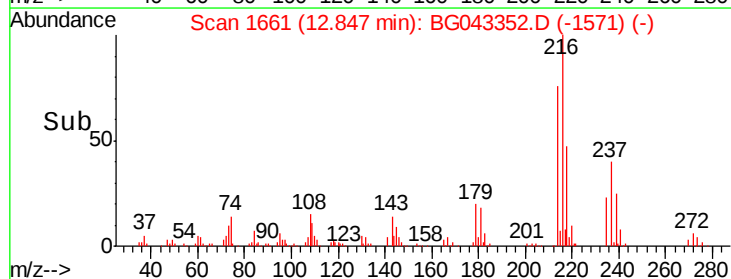
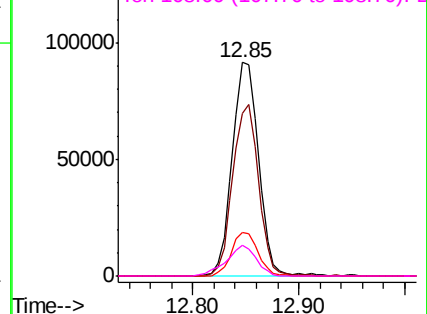
Abundance

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: 91.616 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

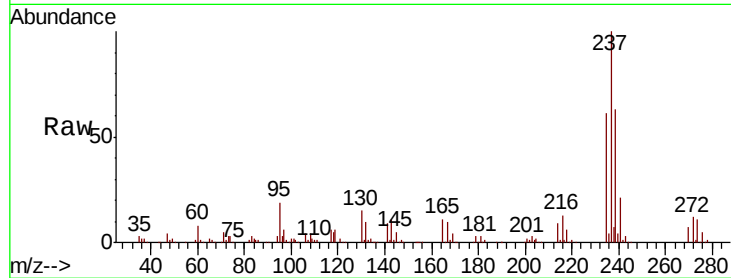
Tot Ion:237 Resp: 196642

Ion Ratio Lower Upper

237 100

235 61.4 40.3 80.3

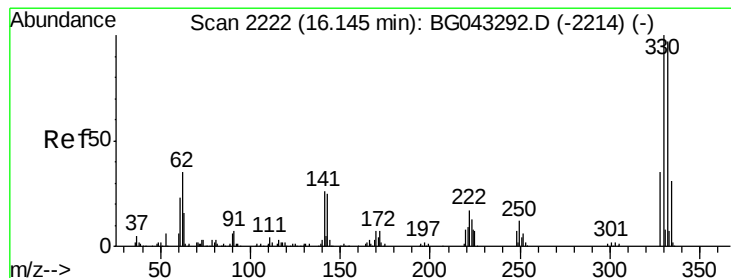
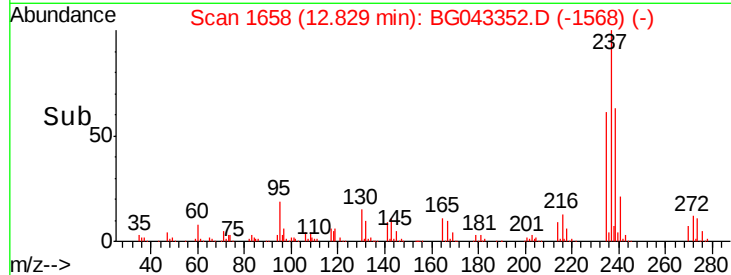
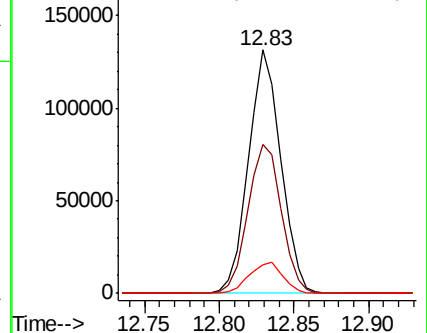
272 11.6 0.0 32.9



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: 110.877 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

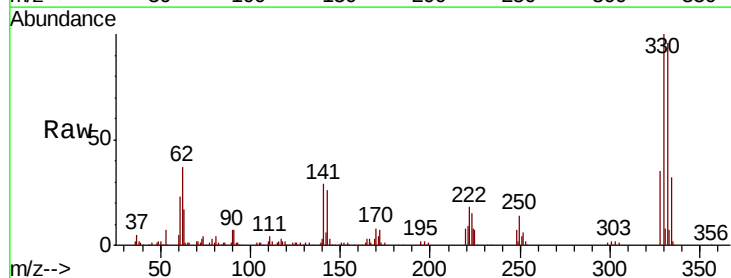
Tgt Ion:330 Resp: 232956

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

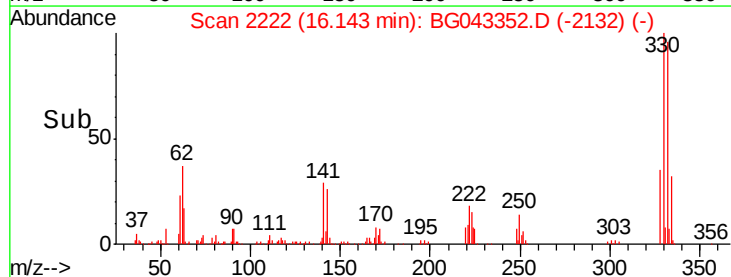
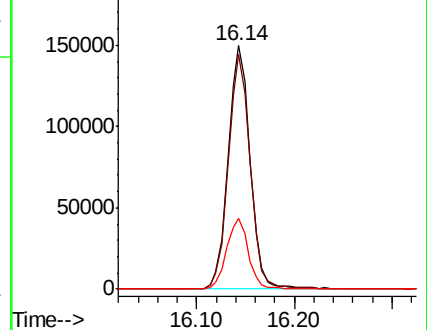
141 28.8 21.4 32.0

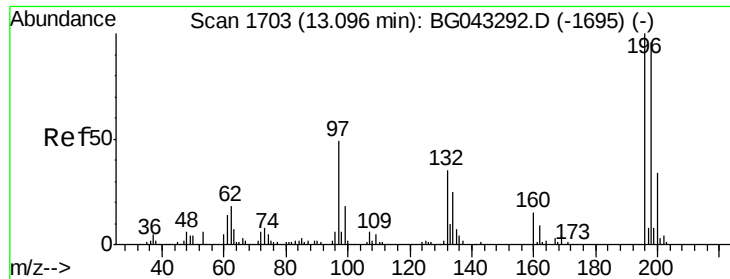


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

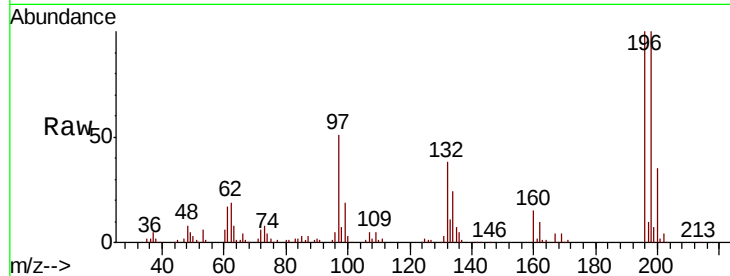




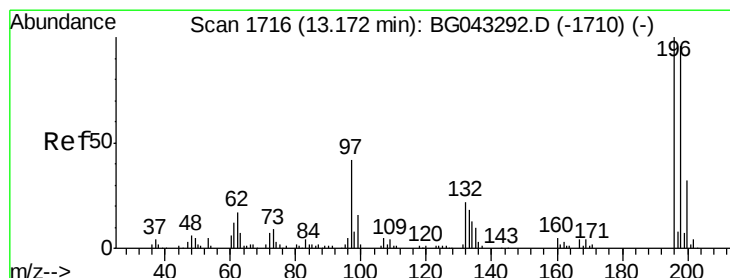
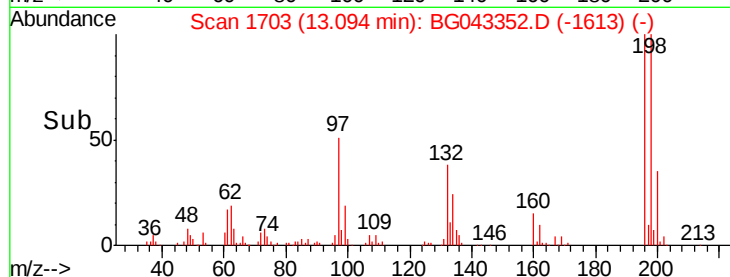
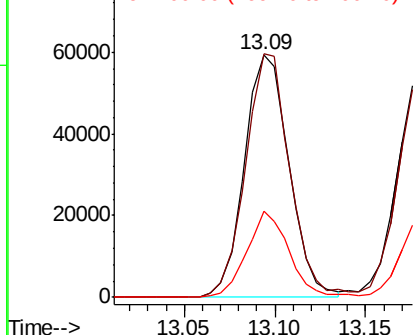
#43
 2,4,6-Trichlorophenol
 Concen: 42.163 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043352.D
 Acq: 28 Oct 2019 16:22

Instrument :
 BNA_G
 ClientSampleID :
 PB124295BS

Tot Ion:196 Resp: 101455
 Ion Ratio Lower Upper
 196 100
 198 100.5 77.0 115.4
 200 35.7 27.4 41.2

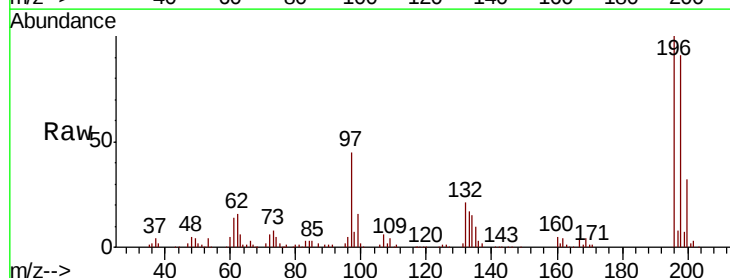


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

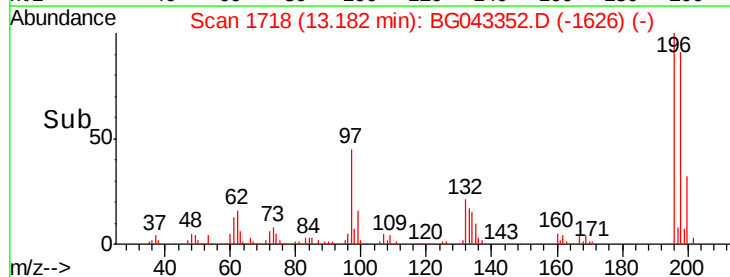
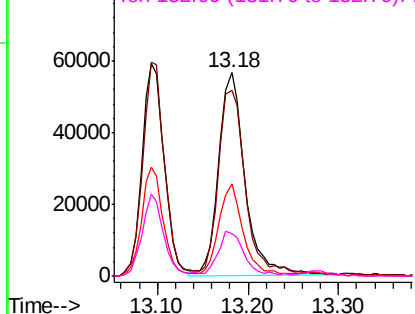


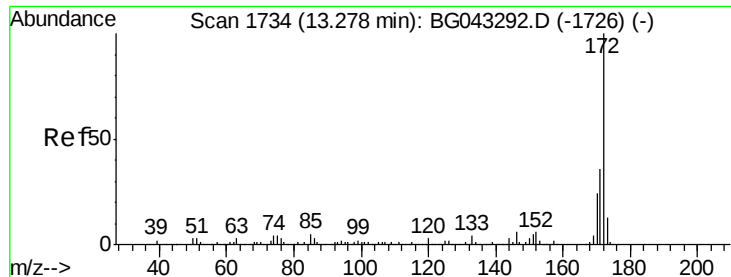
#44
 2,4,5-Trichlorophenol
 Concen: 46.405 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043352.D
 Acq: 28 Oct 2019 16:22

Tgt Ion:196 Resp: 112889
 Ion Ratio Lower Upper
 196 100
 198 91.3 76.6 114.8
 97 45.1 34.1 51.1
 132 20.5 18.2 27.4



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

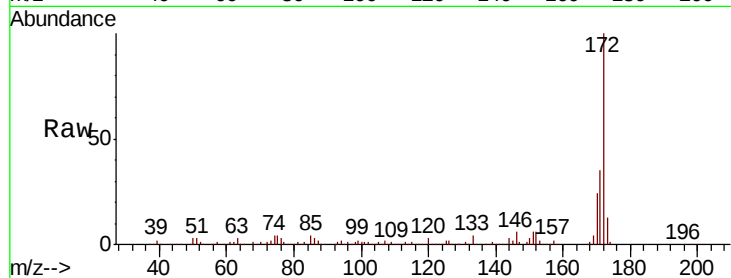




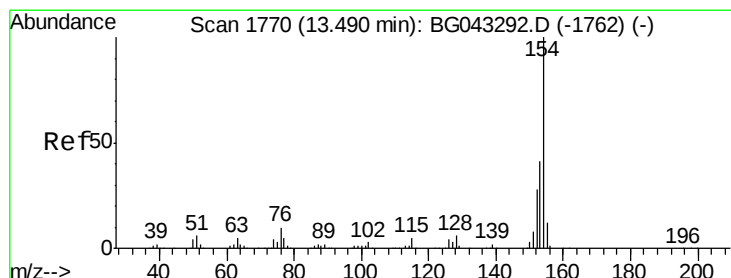
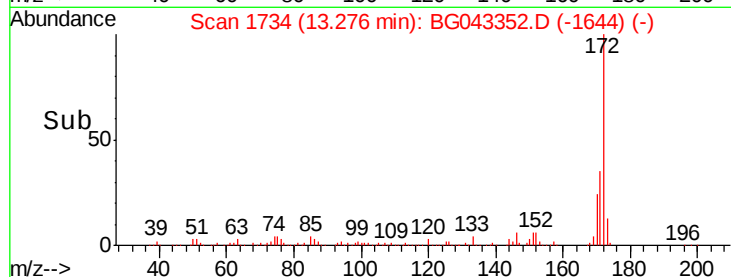
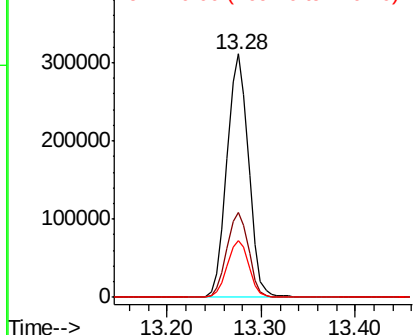
#45
2-Fluorobiphenyl
Concen: 62.574 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB124295BS

Tot Ion:172 Resp: 499965
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.5 18.8 28.2

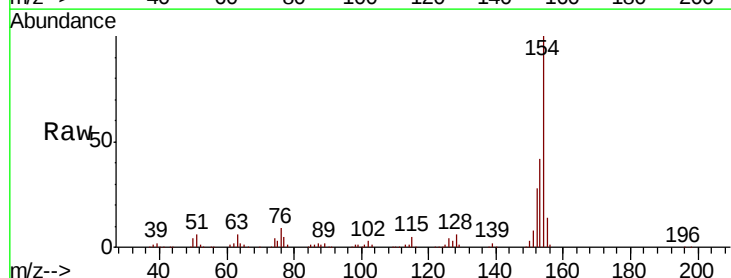


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

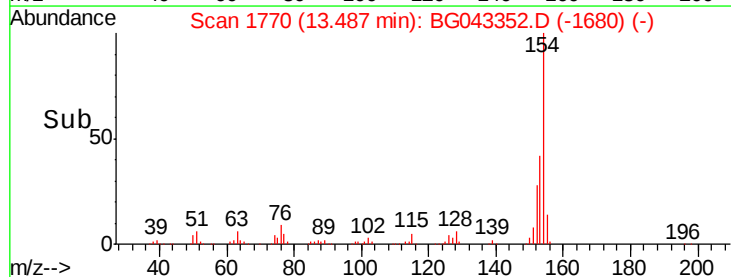
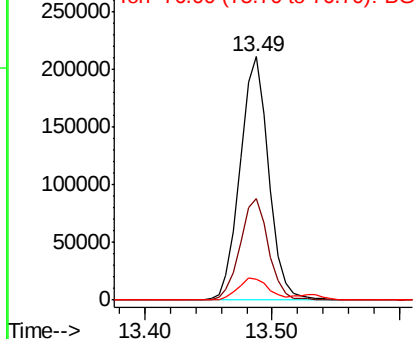


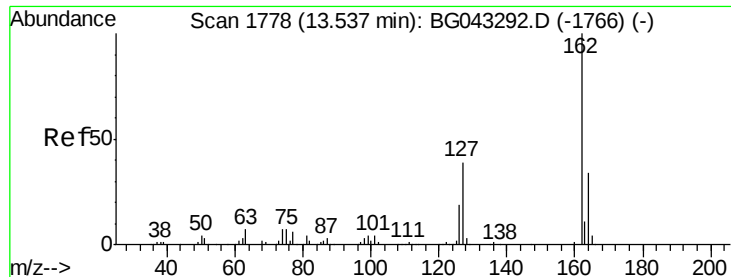
#46
1,1'-Biphenyl
Concen: 39.347 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:154 Resp: 330478
Ion Ratio Lower Upper
154 100
153 41.7 21.0 61.0
76 8.7 0.0 29.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

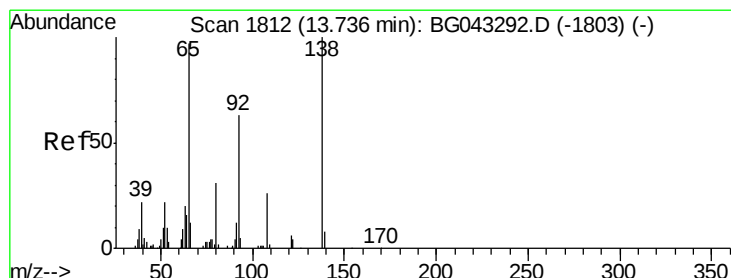
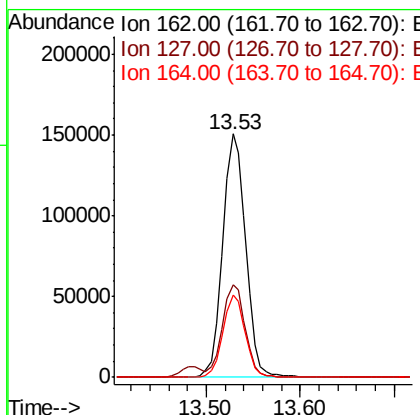
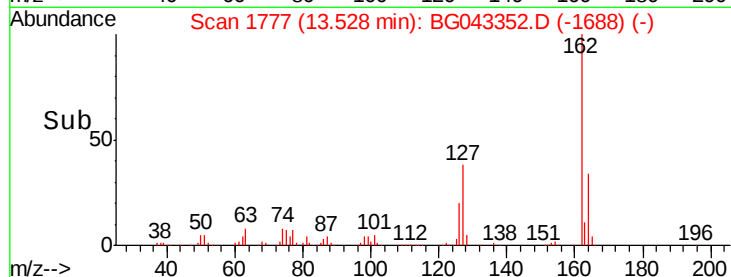
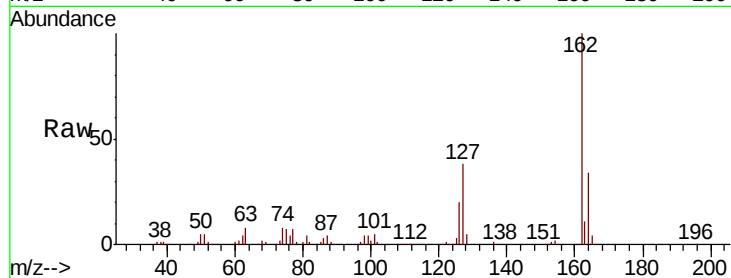




#47
 2-Chloronaphthalene
 Concen: 40.142 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043352.D
 Acq: 28 Oct 2019 16:22

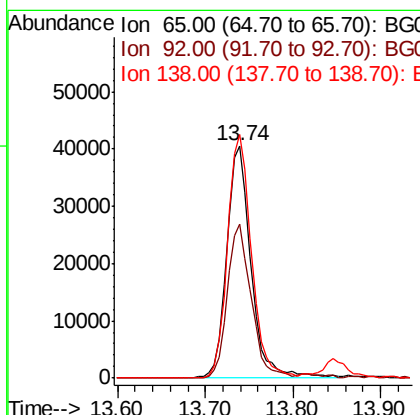
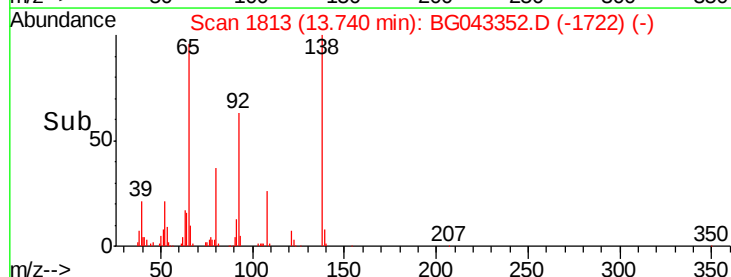
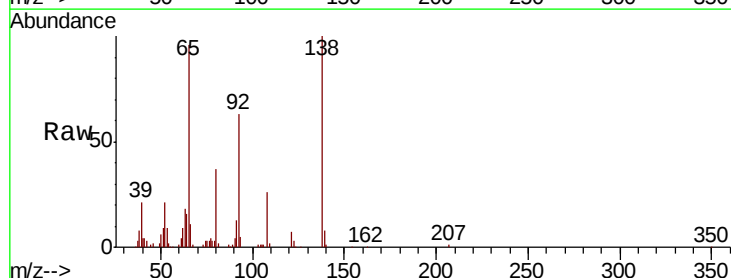
Instrument :
 BNA_G
 ClientSampleId :
 PB124295BS

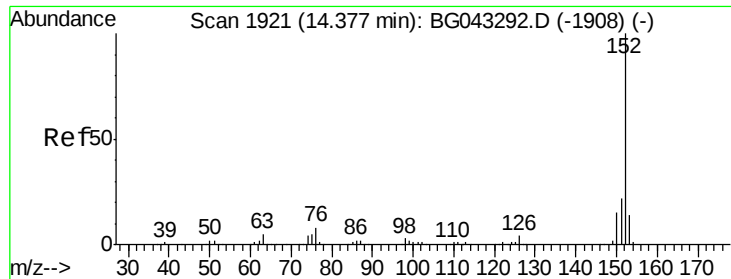
Tot Ion:162 Resp: 256532
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.3 46.9
 164 34.0 26.8 40.2



#48
 2-Nitroaniline
 Concen: 40.603 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043352.D
 Acq: 28 Oct 2019 16:22

Tgt Ion: 65 Resp: 77553
 Ion Ratio Lower Upper
 65 100
 92 66.0 52.6 79.0
 138 104.7 82.9 124.3





#49

Acenaphthylene

Concen: 41.659 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

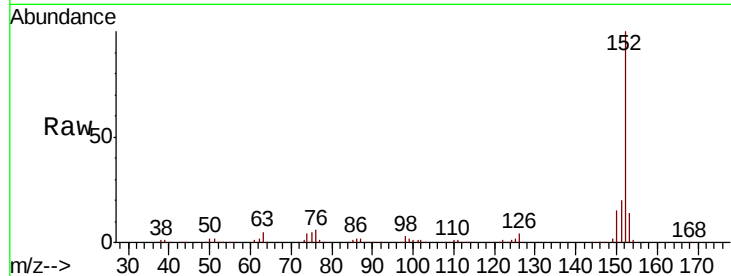
Tot Ion:152 Resp: 414340

Ion Ratio Lower Upper

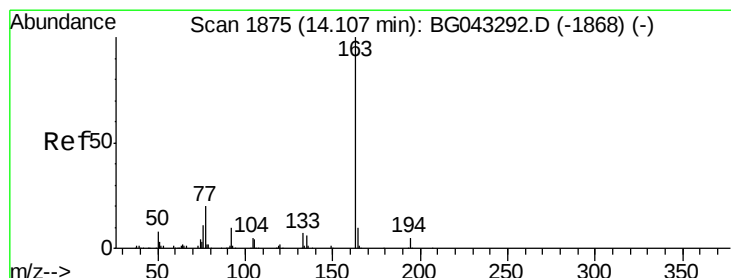
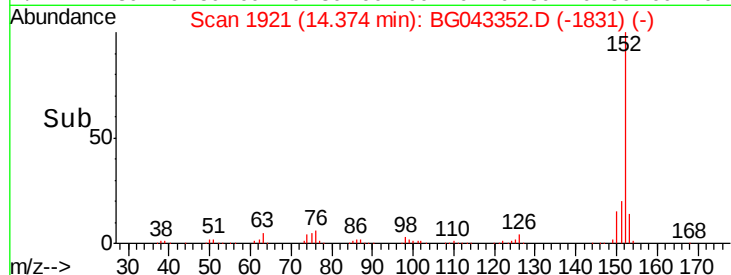
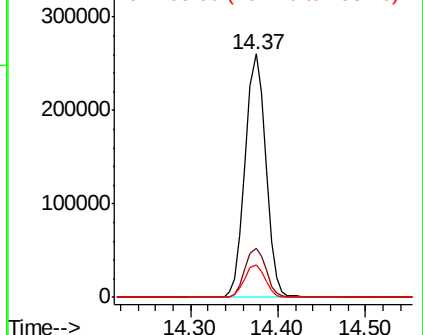
152 100

151 20.0 17.2 25.8

153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.350 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

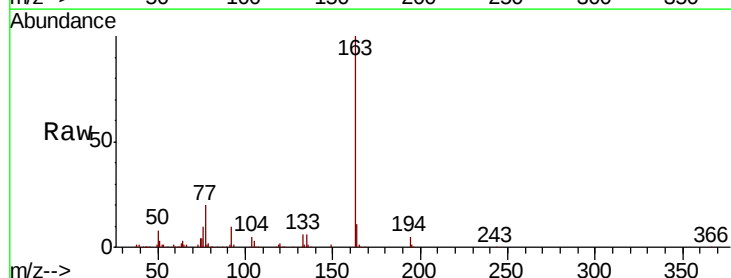
Tgt Ion:163 Resp: 345059

Ion Ratio Lower Upper

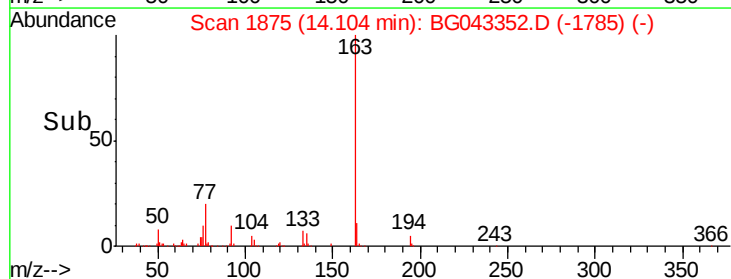
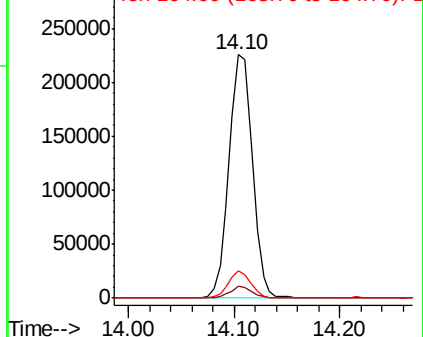
163 100

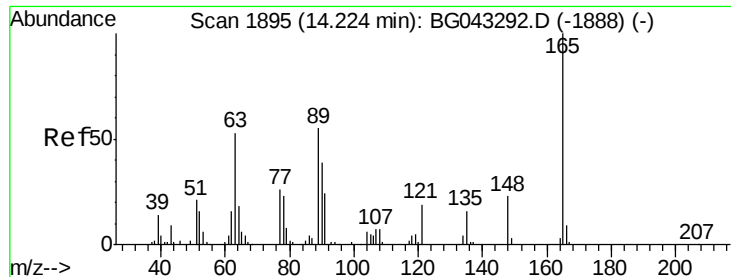
194 5.1 3.7 5.5

164 11.0 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: 41.605 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

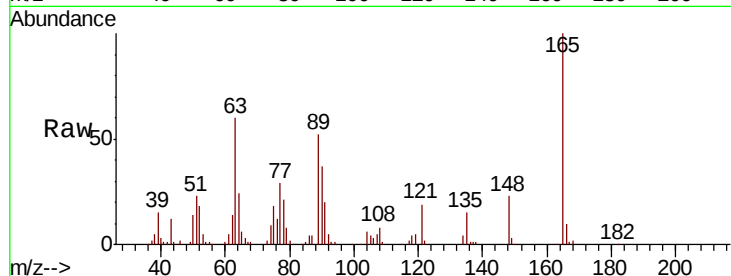
Tot Ion:165 Resp: 77295

Ion Ratio Lower Upper

165 100

63 60.2 47.1 70.7

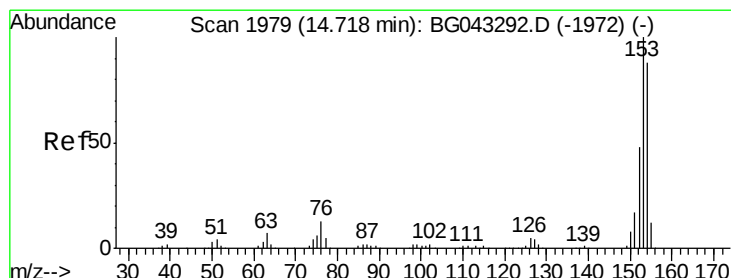
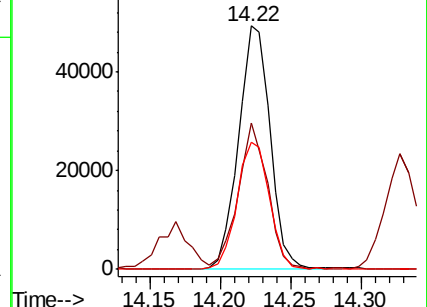
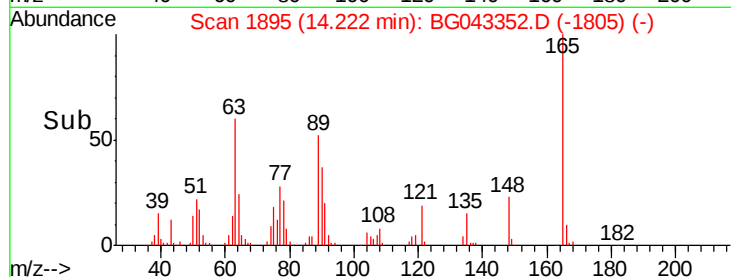
89 52.2 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.455 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

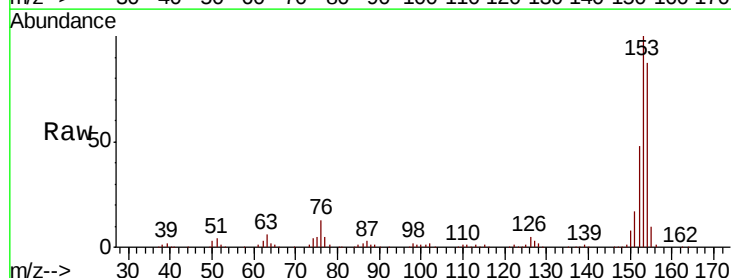
Tgt Ion:154 Resp: 245375

Ion Ratio Lower Upper

154 100

153 114.4 90.9 136.3

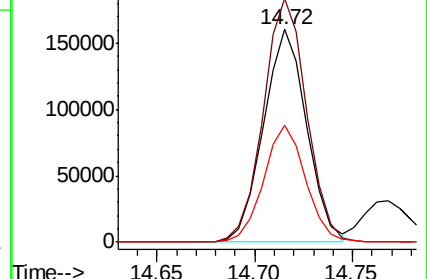
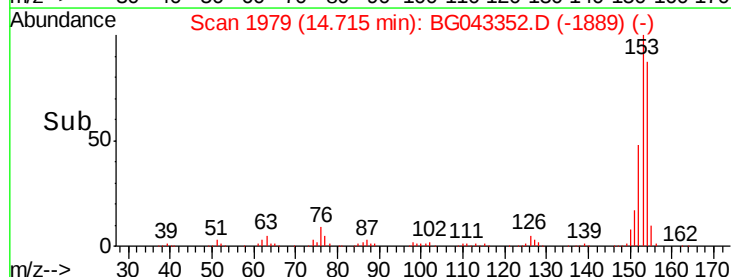
152 54.9 43.9 65.9

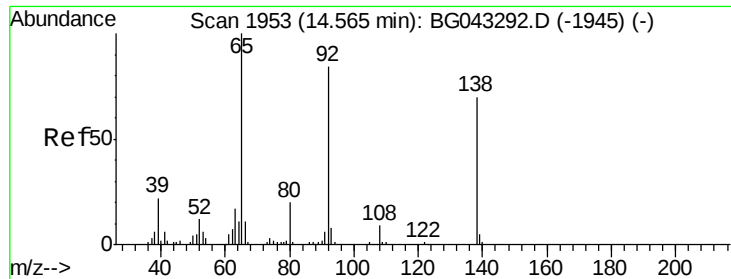


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.972 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

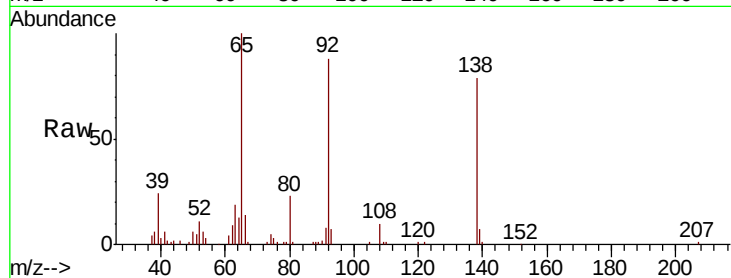
Tot Ion:138 Resp: 50173

Ion Ratio Lower Upper

138 100

108 13.1 9.8 14.6

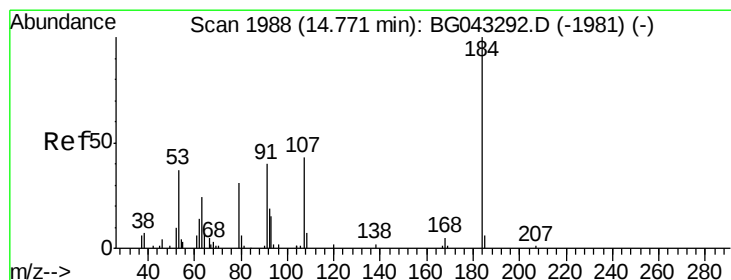
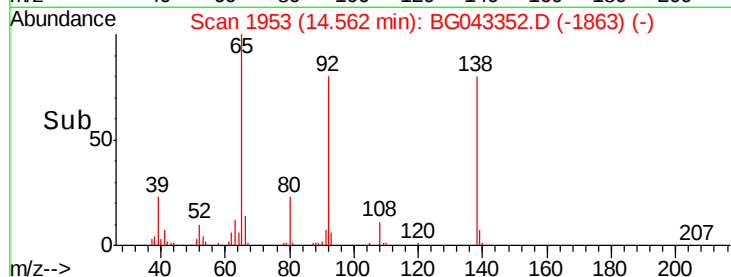
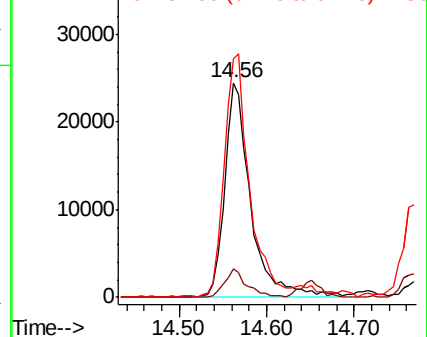
92 110.9 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 77.956 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

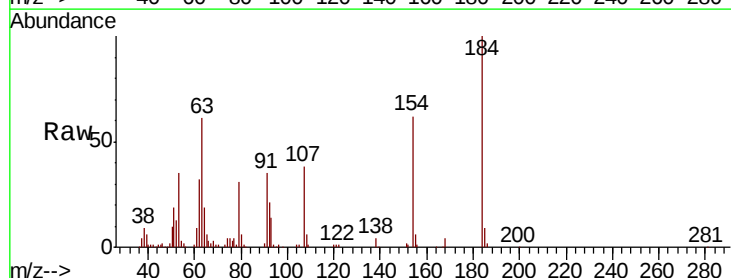
Tgt Ion:184 Resp: 90202

Ion Ratio Lower Upper

184 100

63 60.5 48.8 73.2

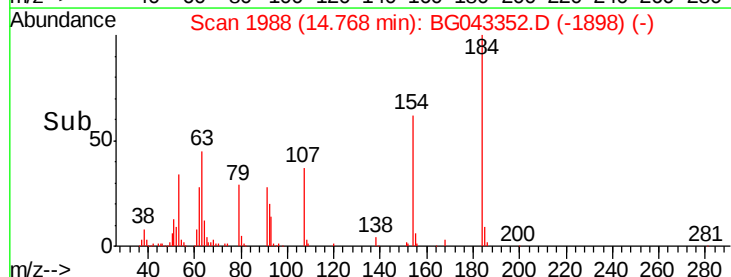
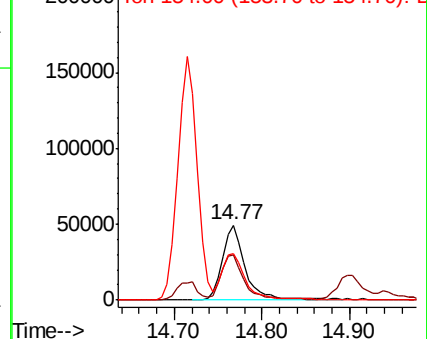
154 62.2 49.4 74.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.530 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

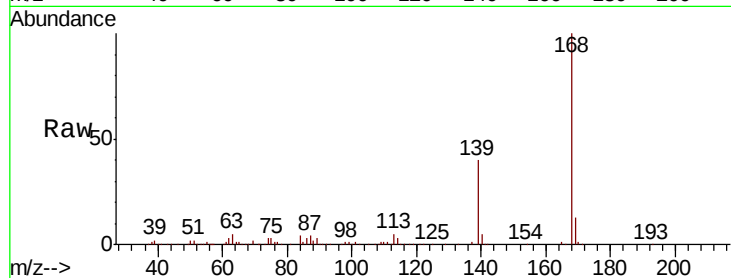
Tot Ion:168 Resp: 408491

Ion Ratio Lower Upper

168 100

139 40.0 31.7 47.5

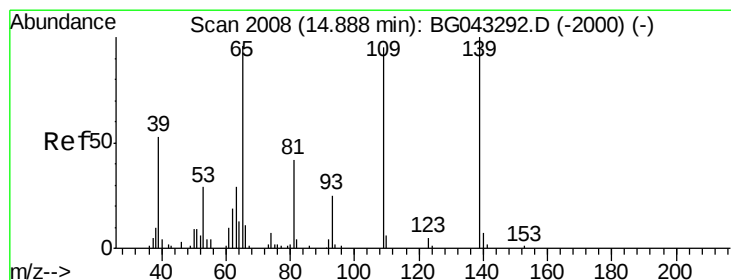
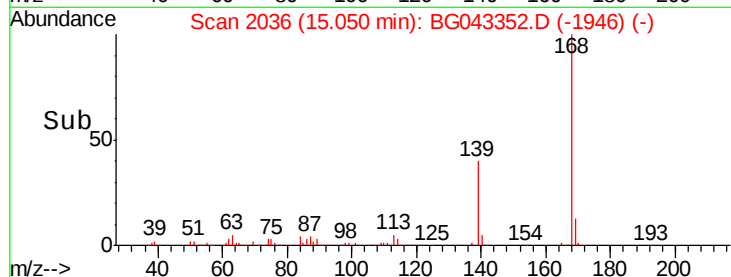
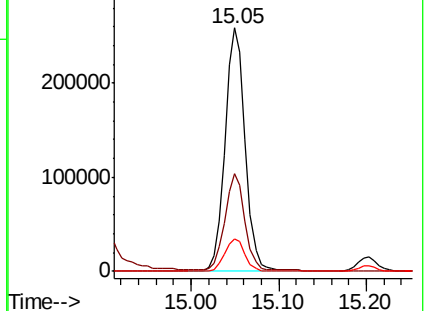
169 13.1 11.0 16.4



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: 94.182 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

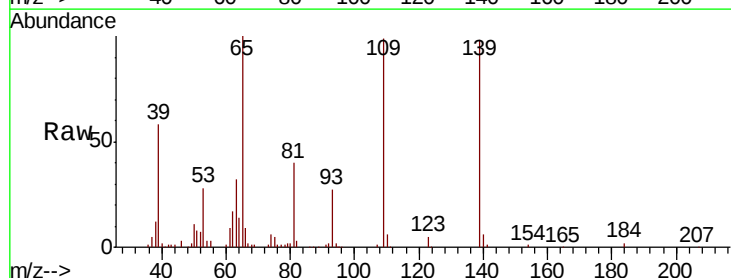
Tgt Ion:139 Resp: 113209

Ion Ratio Lower Upper

139 100

109 100.6 75.4 115.4

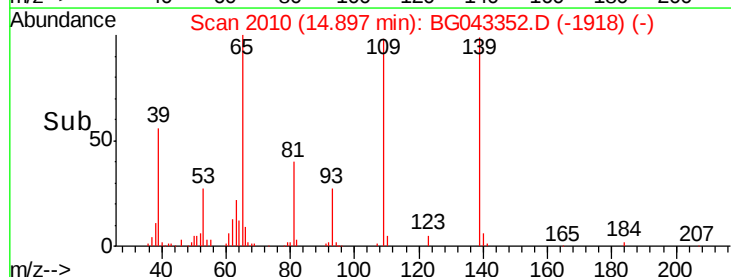
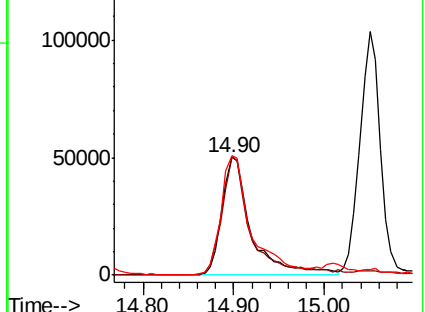
65 101.9 76.6 116.6

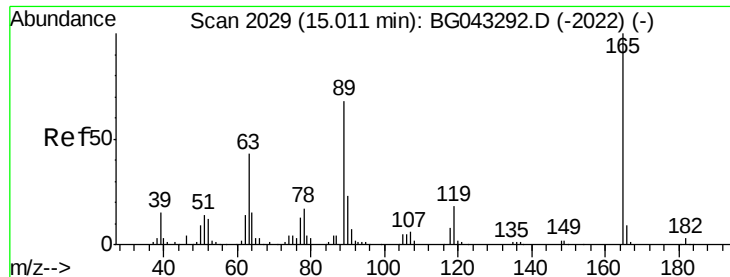


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

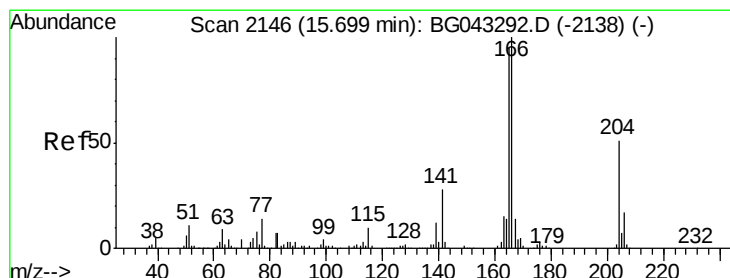
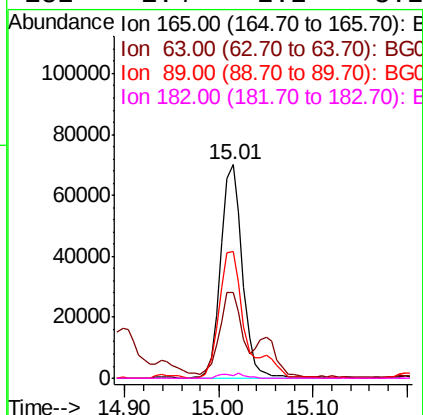
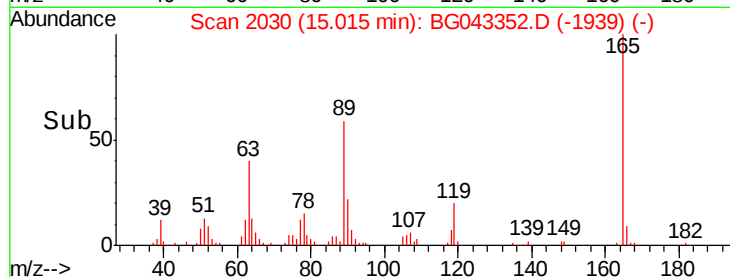
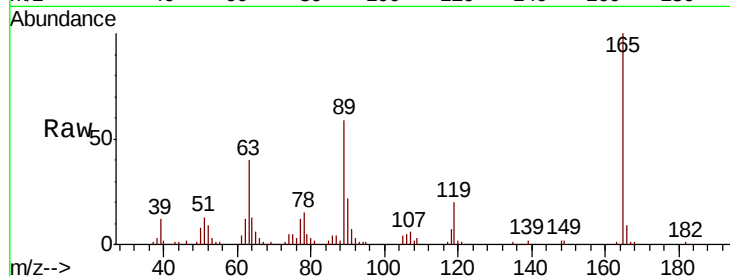




#57
2,4-Dinitrotoluene
Concen: 42.599 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

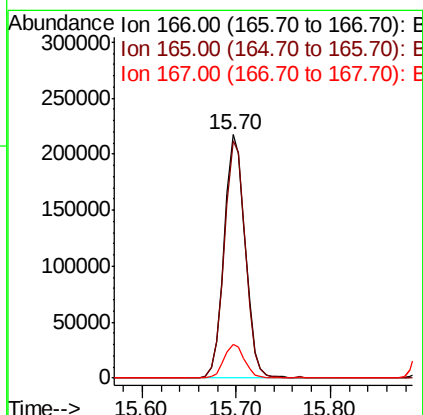
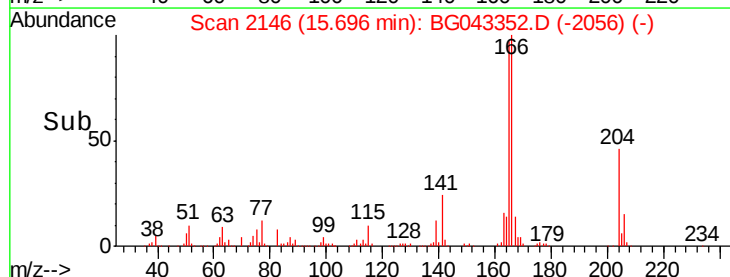
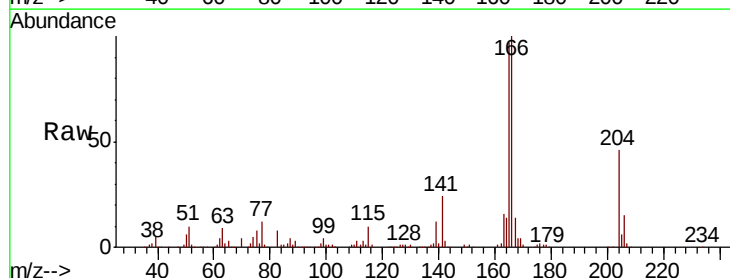
Instrument :
BNA_G
ClientSampleId :
PB124295BS

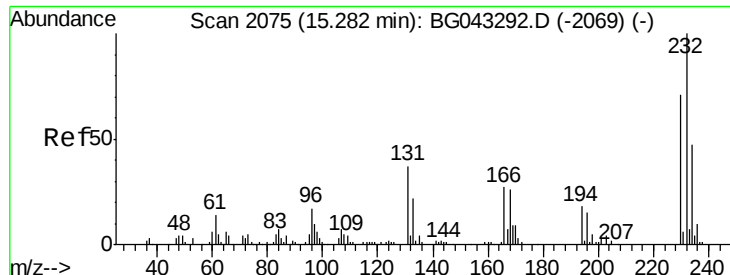
Tot Ion:165 Resp: 113102
Ion Ratio Lower Upper
165 100
63 40.4 35.0 52.6
89 59.1 54.1 81.1
182 1.4 2.2 3.2#



#58
Fluorene
Concen: 40.957 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:166 Resp: 337883
Ion Ratio Lower Upper
166 100
165 97.3 76.4 114.6
167 13.8 11.1 16.7

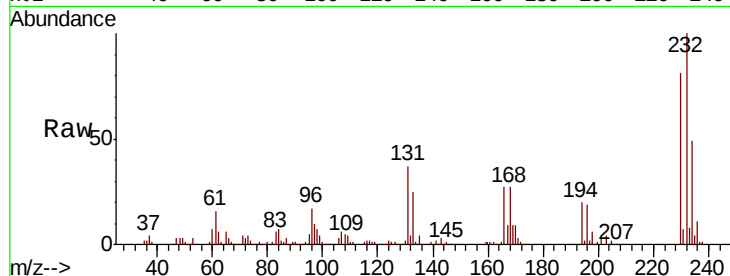




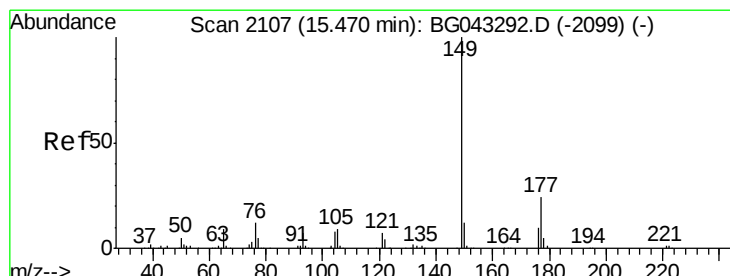
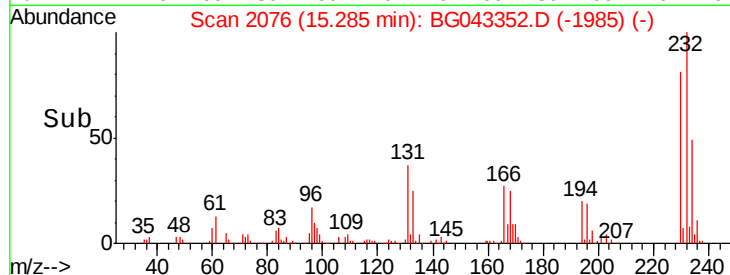
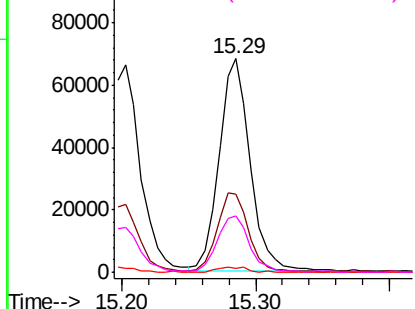
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.977 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB124295BS

Tot Ion:232 Resp: 111080
Ion Ratio Lower Upper
232 100
131 37.8 28.7 43.1
130 2.3 0.6 0.8#
166 27.0 21.1 31.7

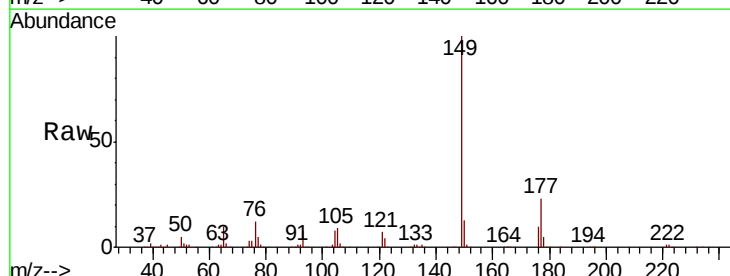


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

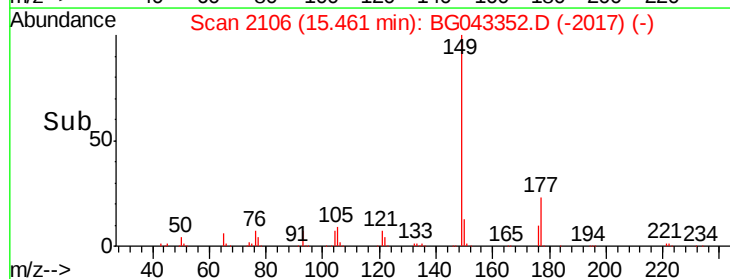
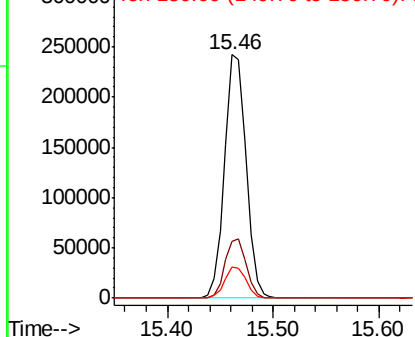


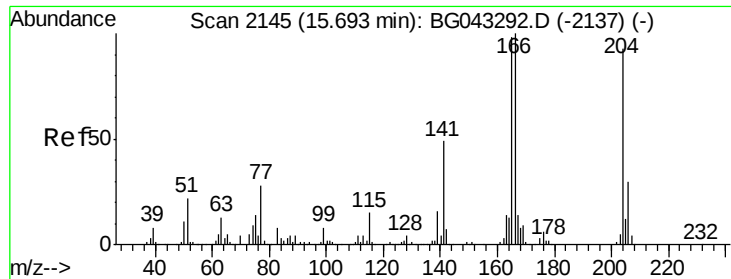
#60
Diethylphthalate
Concen: 39.852 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:149 Resp: 342438
Ion Ratio Lower Upper
149 100
177 23.1 19.0 28.4
150 12.5 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

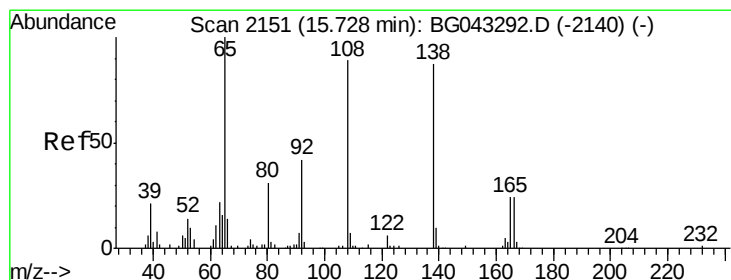
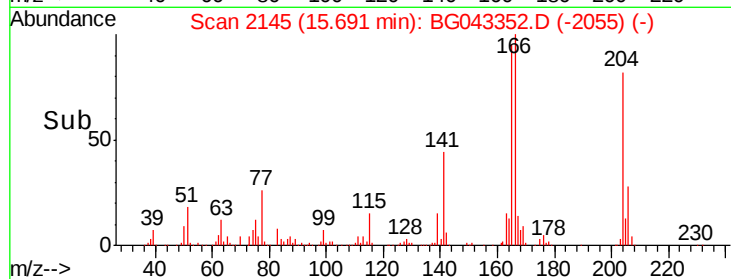
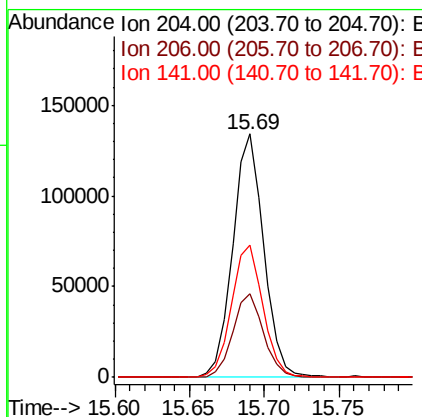
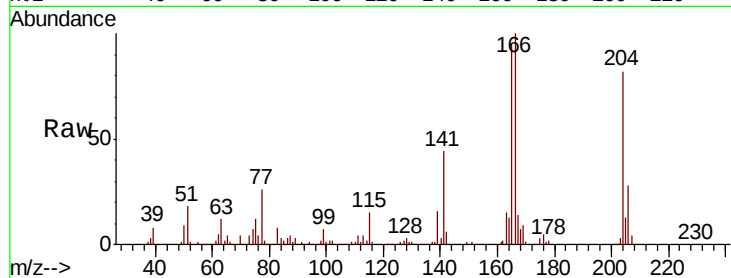




#61
 4-Chlorophenyl-phenylether
 Concen: 40.391 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043352.D
 Acq: 28 Oct 2019 16:22

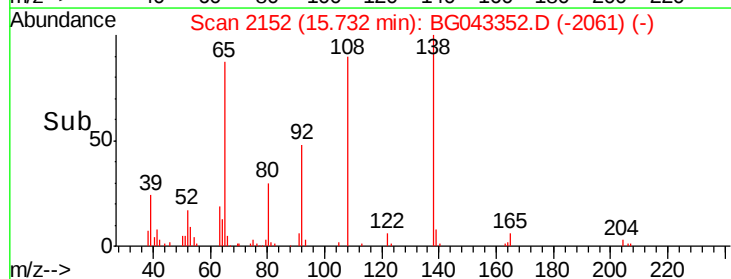
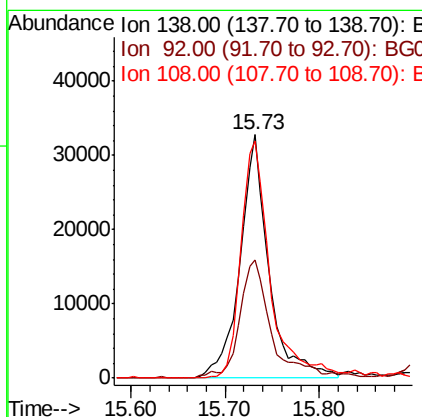
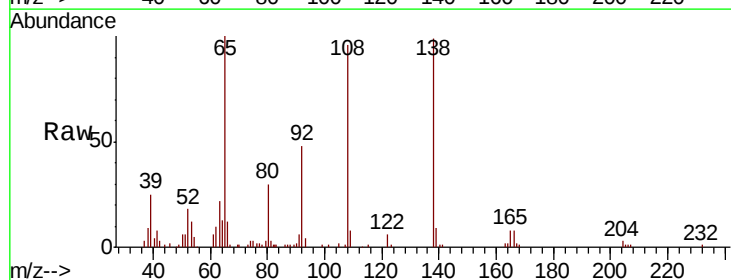
Instrument :
 BNA_G
 ClientSampleId :
 PB124295BS

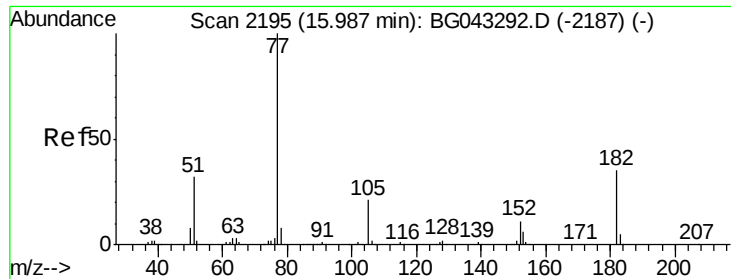
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.7	38.5
141	54.2	42.3	63.5



#62
 4-Nitroaniline
 Concen: 37.712 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG043352.D
 Acq: 28 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.8	68.8
108	97.2	82.7	122.7





#63

Azobenzene

Concen: 40.615 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

Tot Ion: 77 Resp: 282444

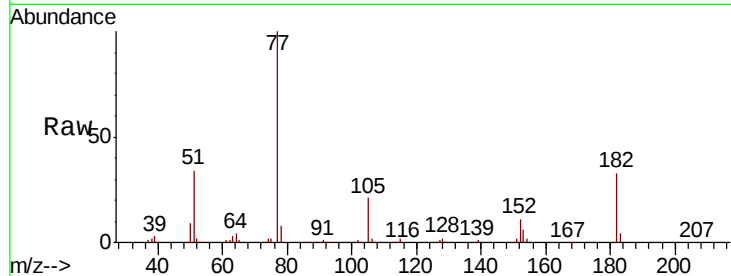
Ion Ratio Lower Upper

77 100

182 33.0 14.9 54.9

105 20.8 0.6 40.6

51 33.9 12.5 52.5

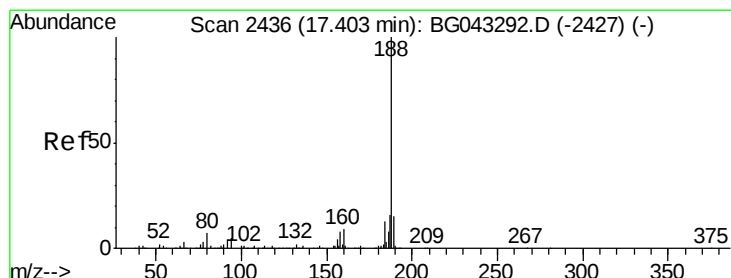
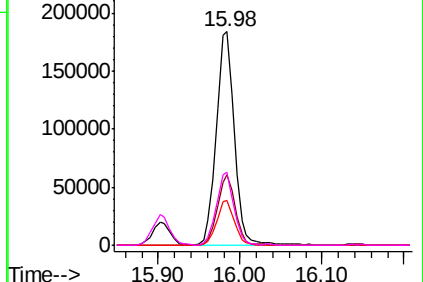
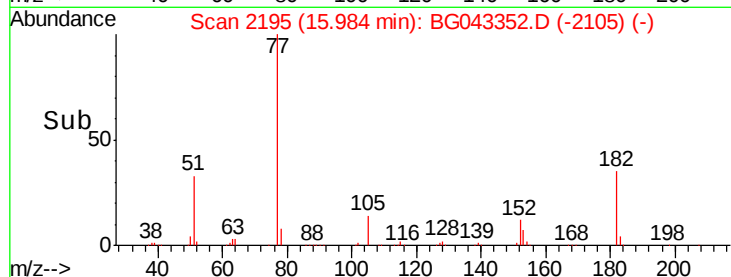


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

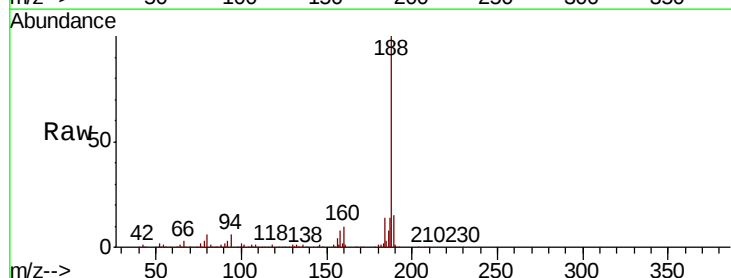
Tgt Ion: 188 Resp: 258908

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

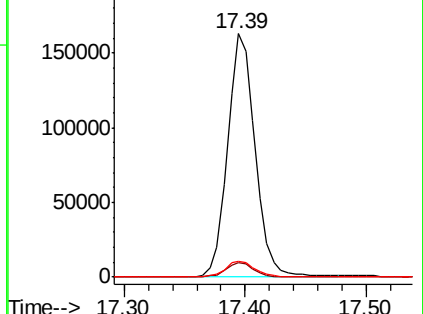
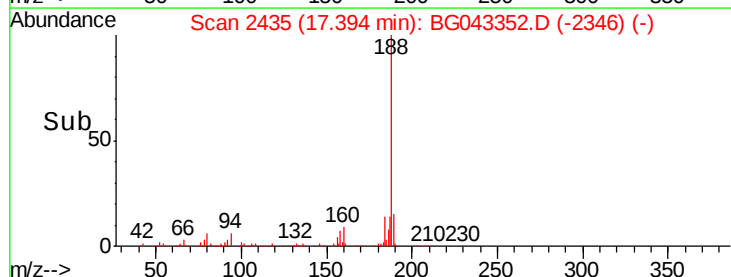
80 6.4 5.2 7.8

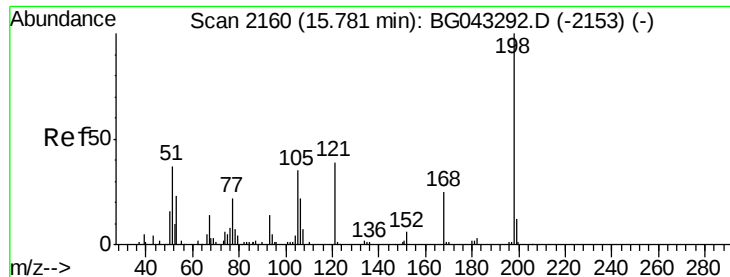


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 46.291 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

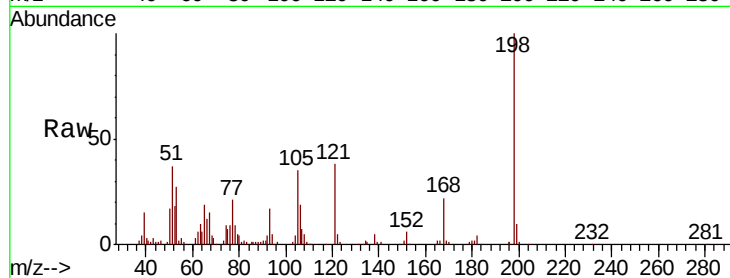
Tot Ion:198 Resp: 70533

Ion Ratio Lower Upper

198 100

51 37.4 21.4 61.4

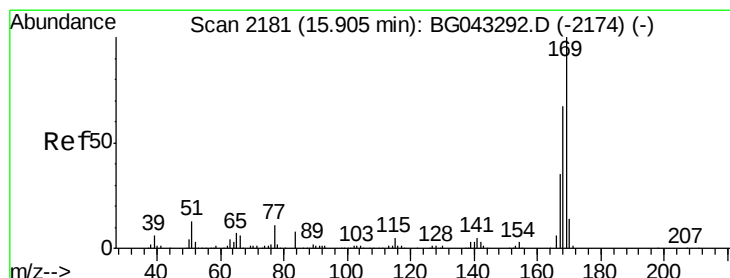
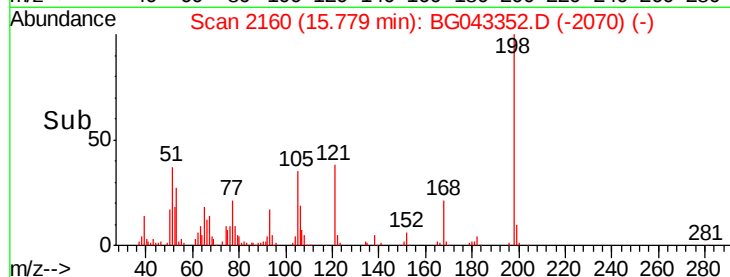
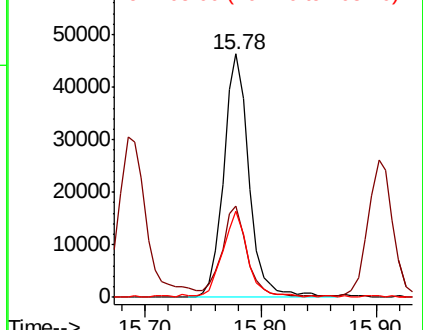
105 35.3 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.687 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

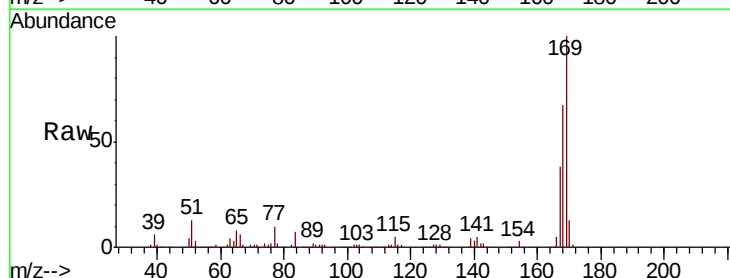
Tgt Ion:169 Resp: 304720

Ion Ratio Lower Upper

169 100

168 67.1 53.9 80.9

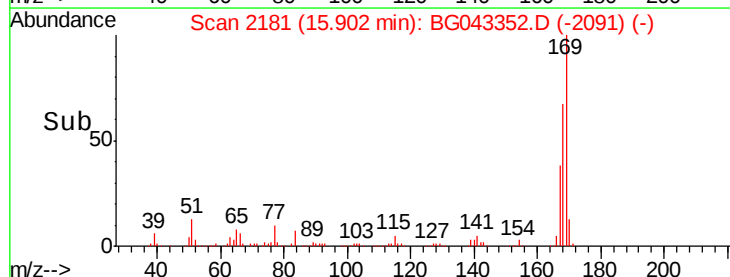
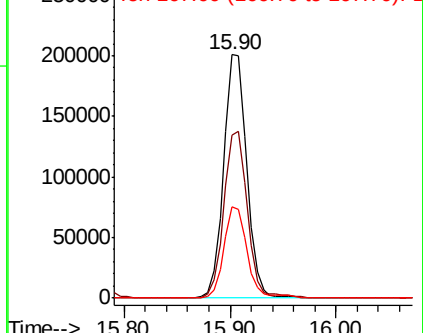
167 37.6 28.3 42.5



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

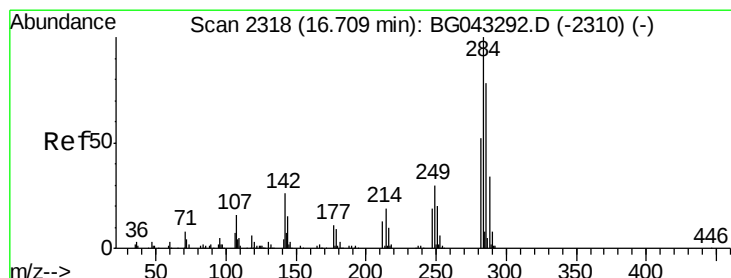
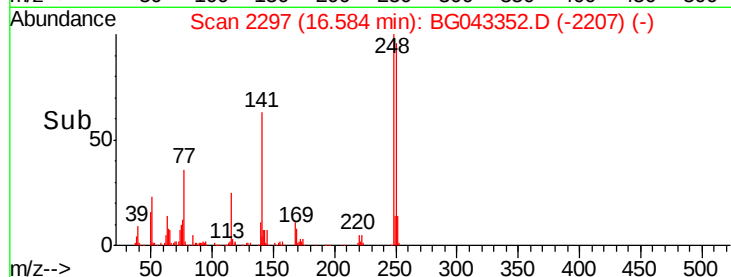
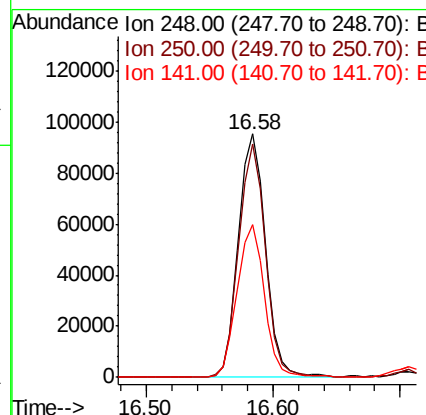
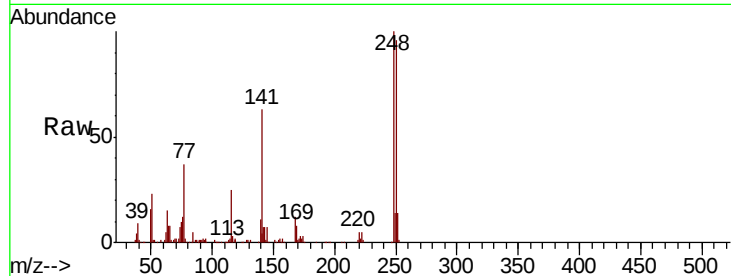




#67
4-Bromophenyl-phenylether
Concen: 40.381 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

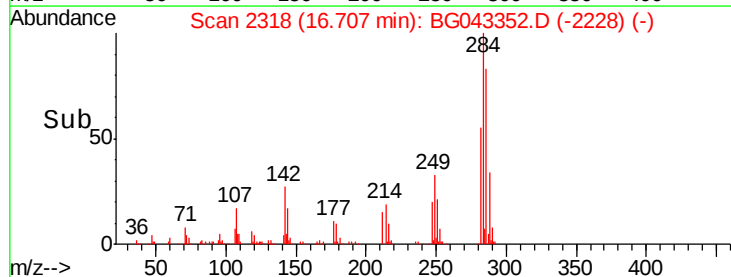
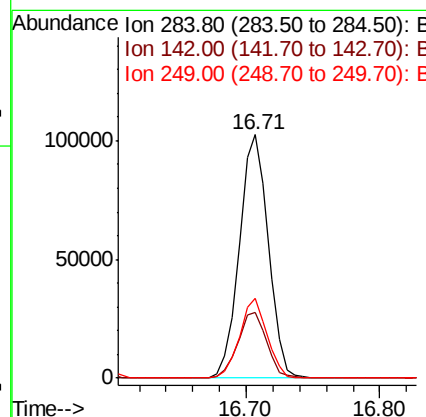
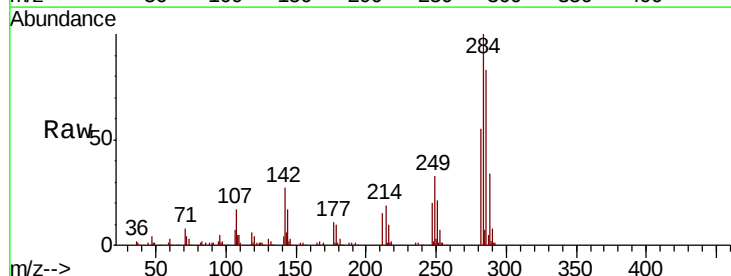
Instrument :
BNA_G
ClientSampleId :
PB124295BS

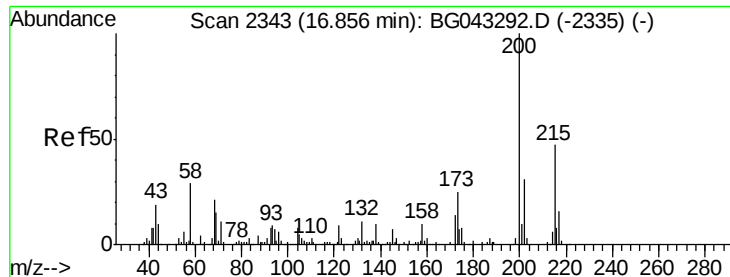
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.3	118.9
141	62.9	47.9	71.9



#68
Hexachlorobenzene
Concen: 38.457 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	21.1	31.7
249	32.9	24.4	36.6





#69

Atrazine

Concen: 51.522 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

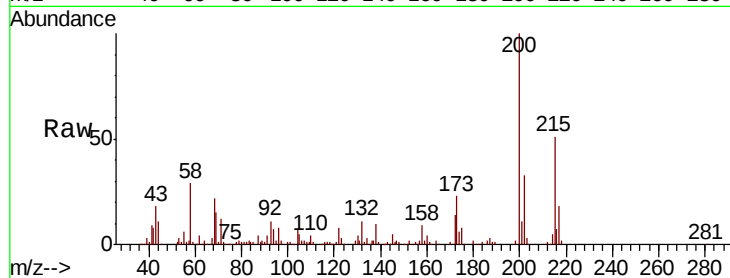
Tot Ion:200 Resp: 130862

Ion Ratio Lower Upper

200 100

173 22.6 5.1 45.1

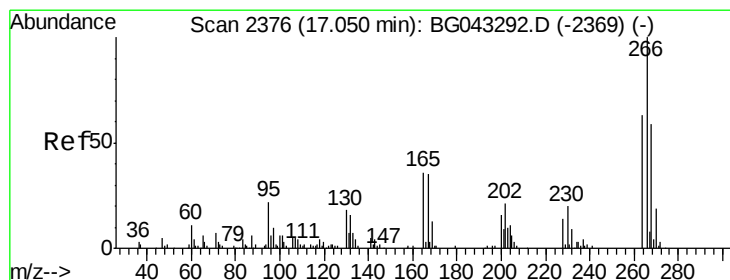
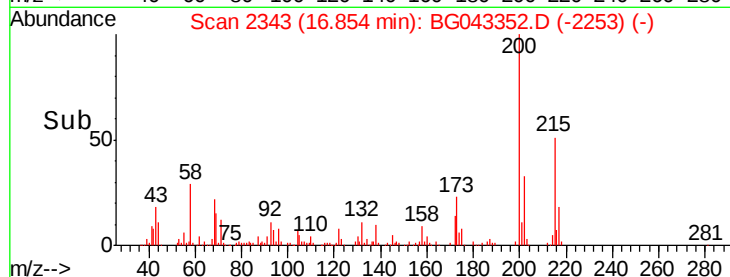
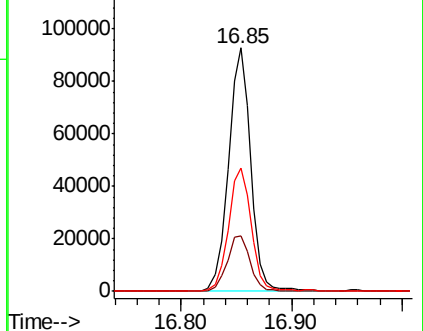
215 50.8 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.747 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

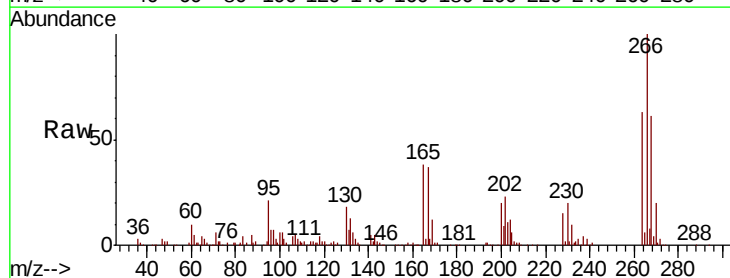
Tgt Ion:266 Resp: 178139

Ion Ratio Lower Upper

266 100

268 61.2 47.1 70.7

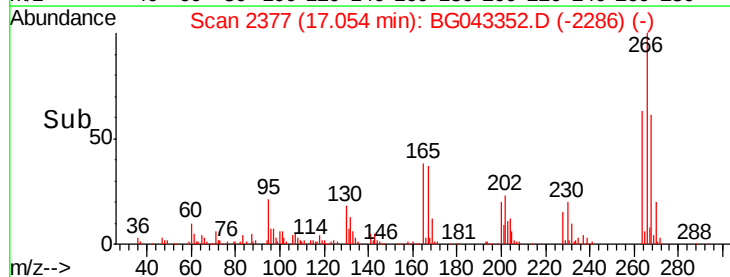
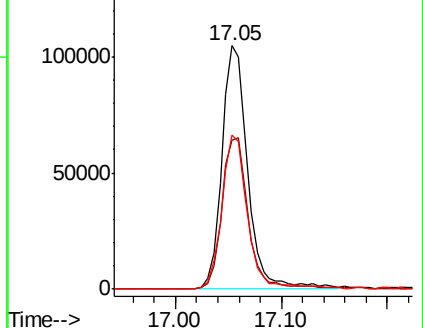
264 63.1 50.4 75.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

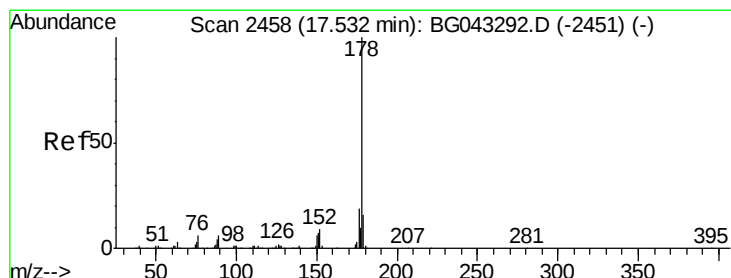
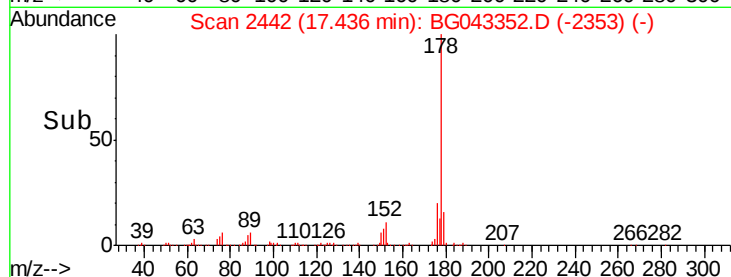
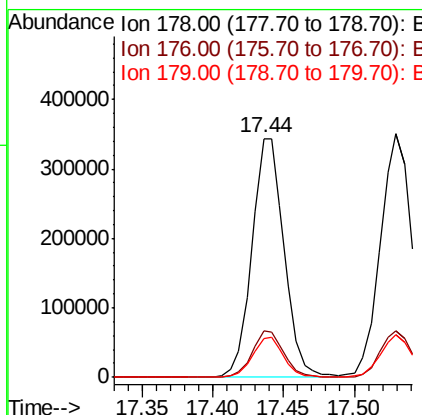
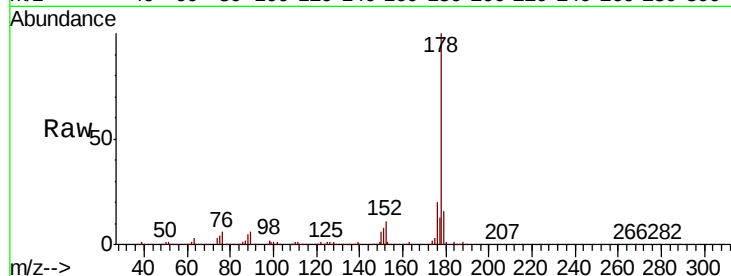




#71
Phenanthrene
Concen: 41.512 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

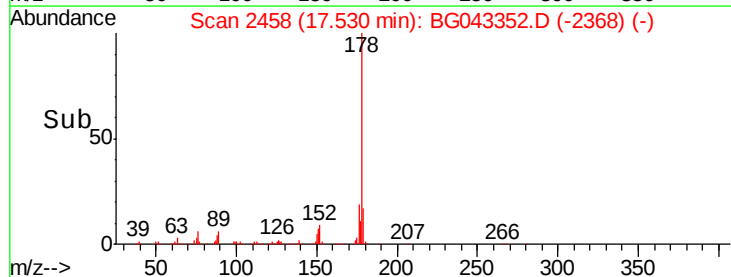
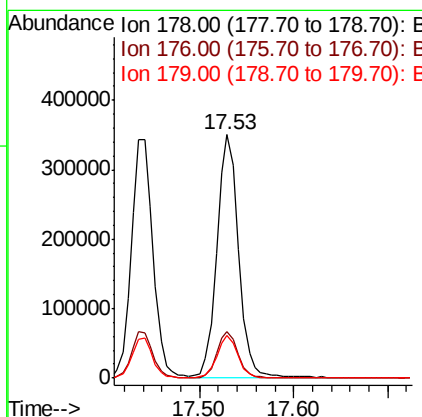
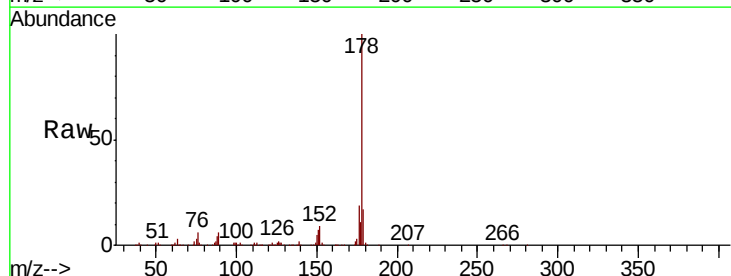
Instrument :
BNA_G
ClientSampleId :
PB124295BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	13.1	19.7



#72
Anthracene
Concen: 42.289 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	17.4	13.0	19.6





#73

Carbazole

Concen: 42.245 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

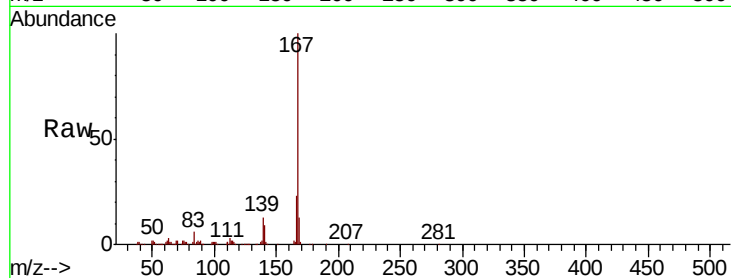
Tot Ion:167 Resp: 507458

Ion Ratio Lower Upper

167 100

166 22.6 18.4 27.6

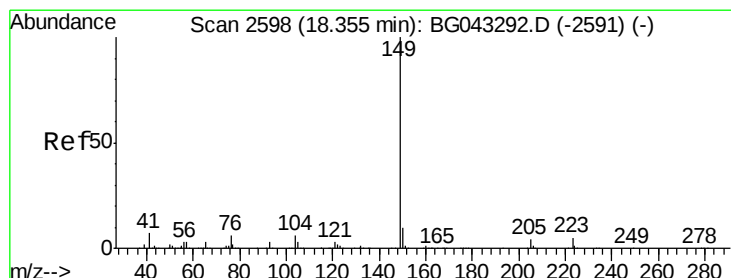
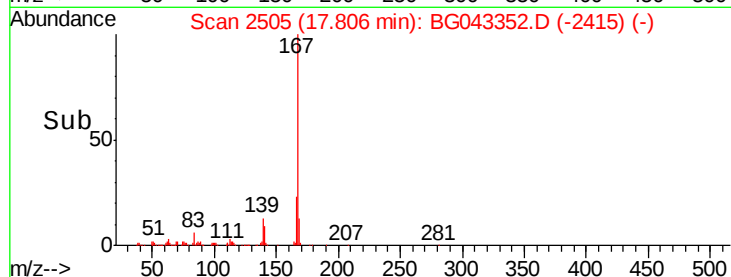
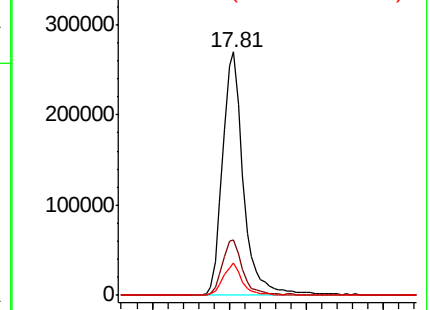
139 13.2 10.2 15.4



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: 41.885 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

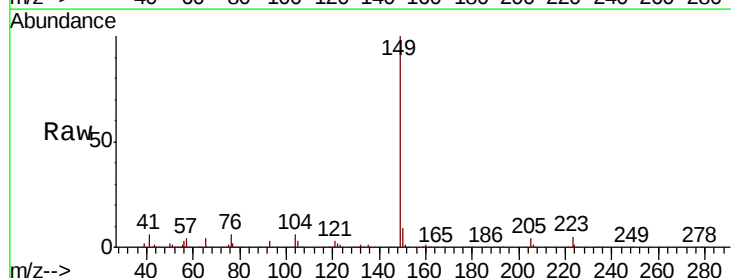
Tgt Ion:149 Resp: 610485

Ion Ratio Lower Upper

149 100

150 9.1 8.0 12.0

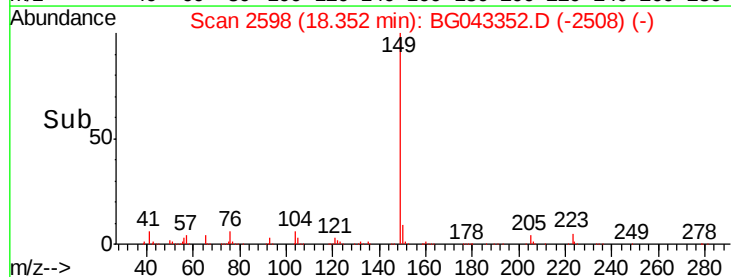
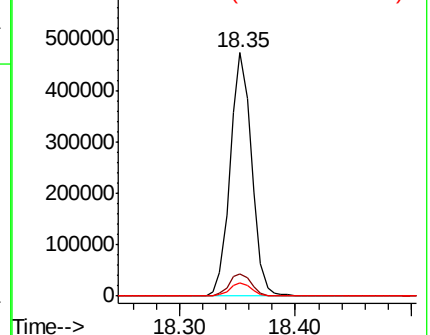
104 5.7 4.7 7.1

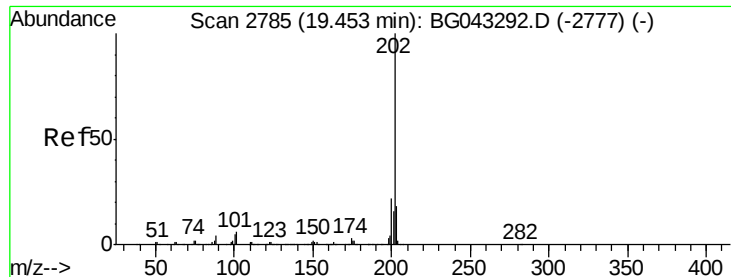


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.891 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

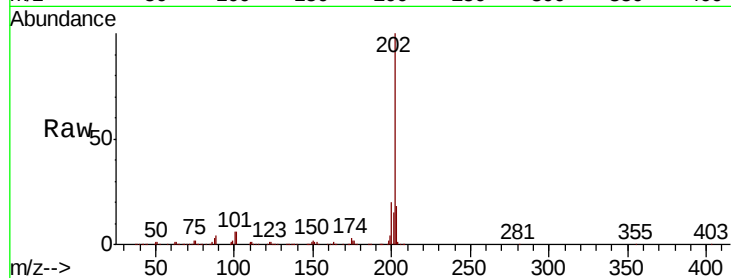
Tot Ion:202 Resp: 741354

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.0

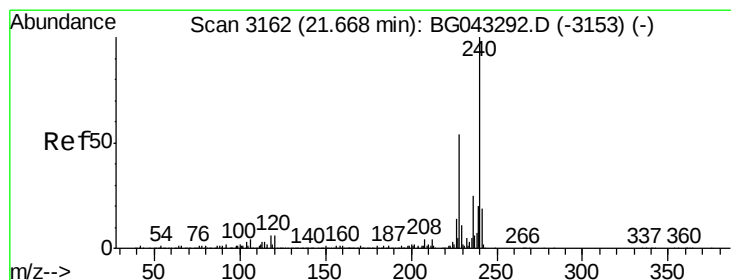
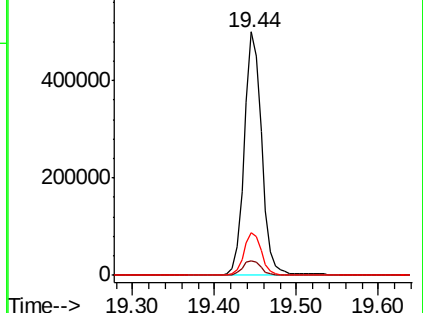
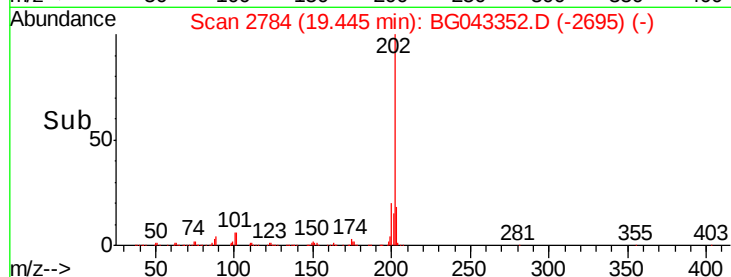
203 17.8 0.0 38.2



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: BG043352.D

Acq: 28 Oct 2019 16:22

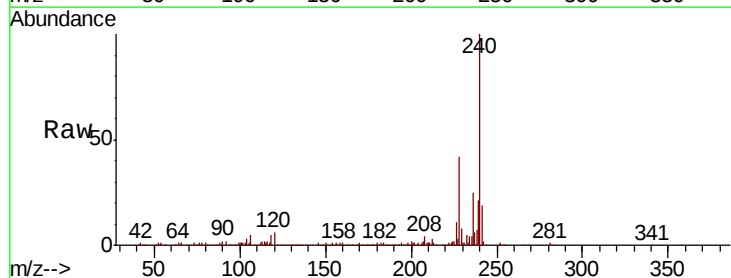
Tgt Ion:240 Resp: 300517

Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

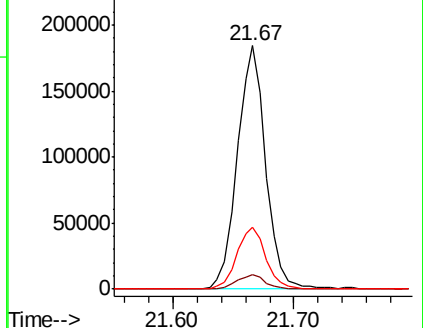
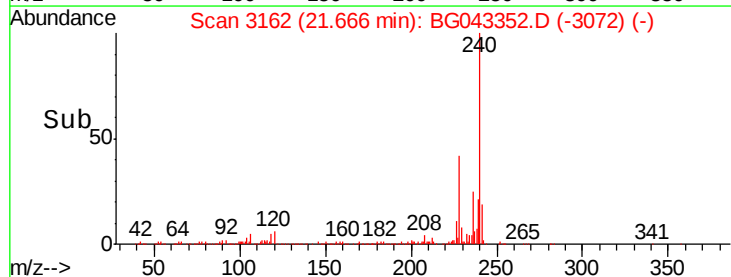
236 25.3 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.123 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

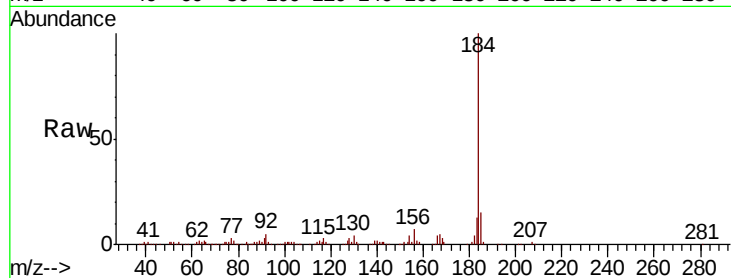
Tot Ion:184 Resp: 242666

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

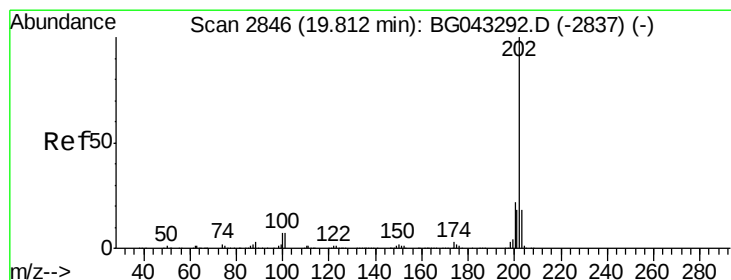
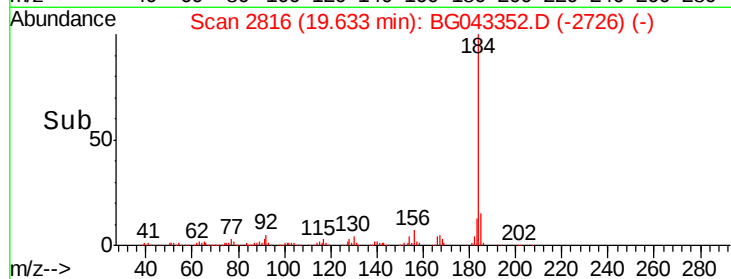
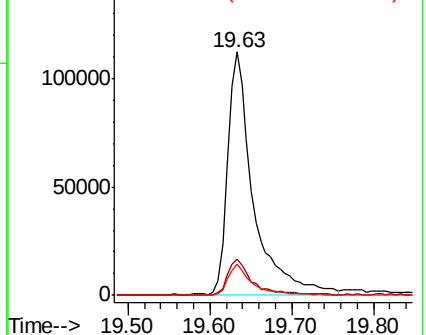
183 13.0 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.985 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

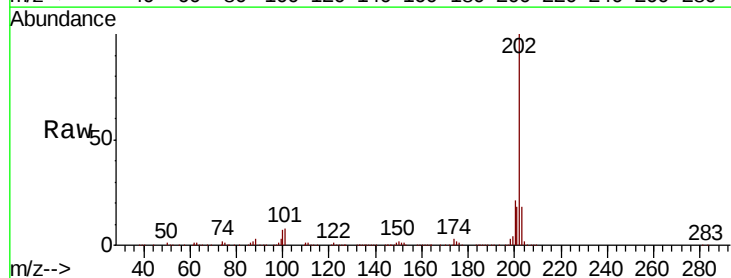
Tgt Ion:202 Resp: 762385

Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

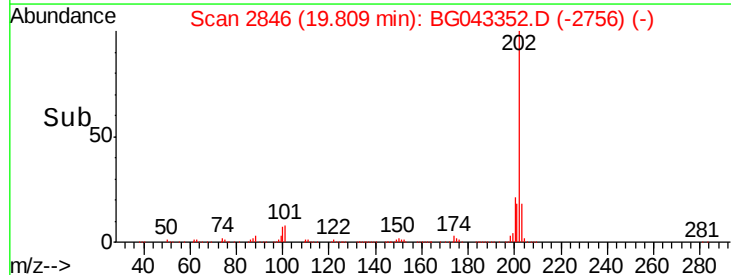
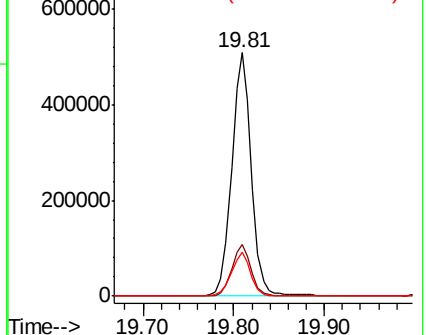
203 18.0 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.705 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

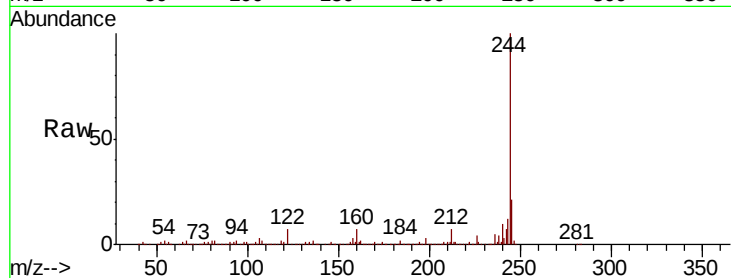
Tot Ion:244 Resp: 1020466

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

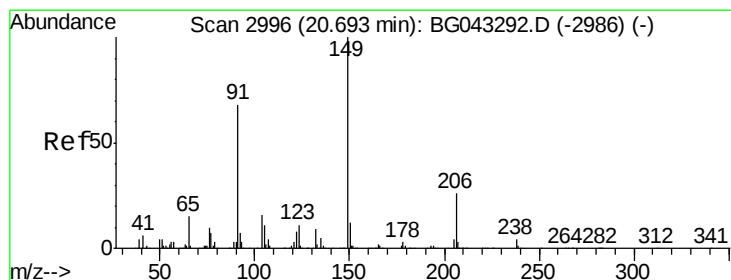
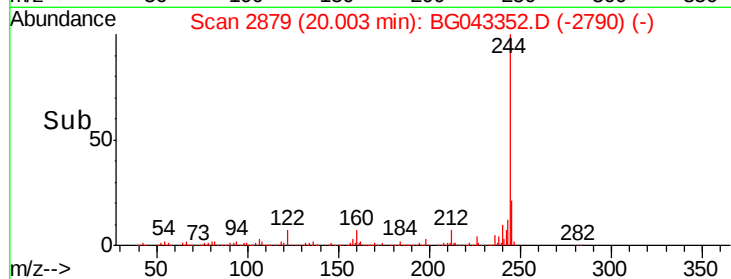
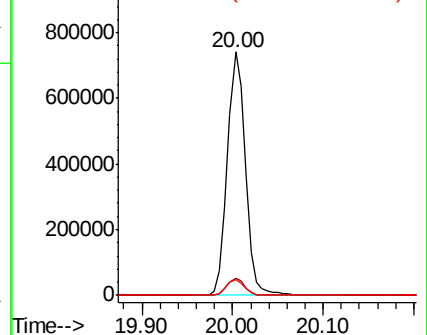
122 6.7 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.892 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

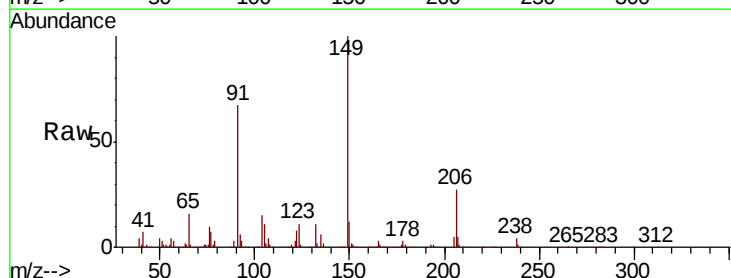
Tgt Ion:149 Resp: 281134

Ion Ratio Lower Upper

149 100

91 66.7 54.6 82.0

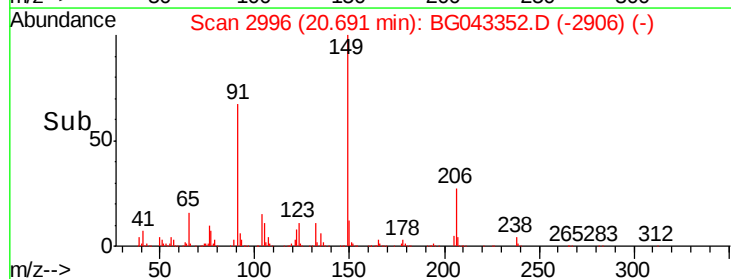
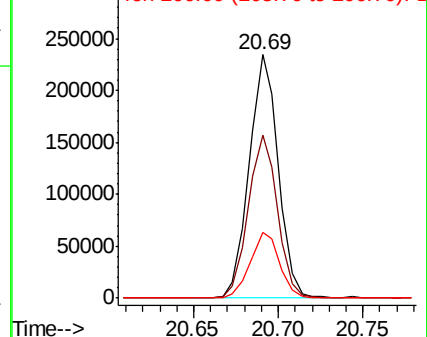
206 27.0 20.5 30.7

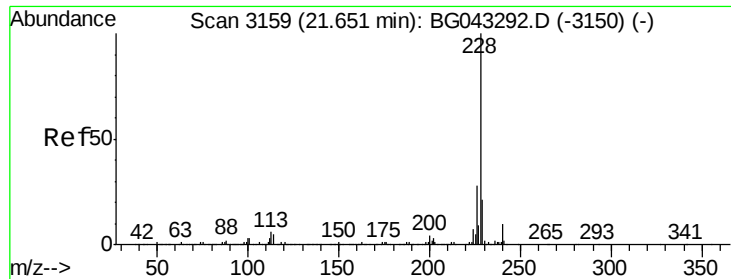


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

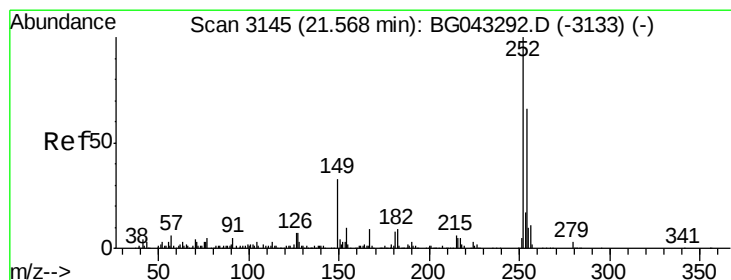
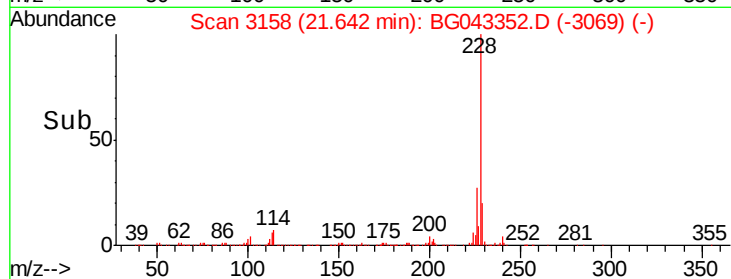
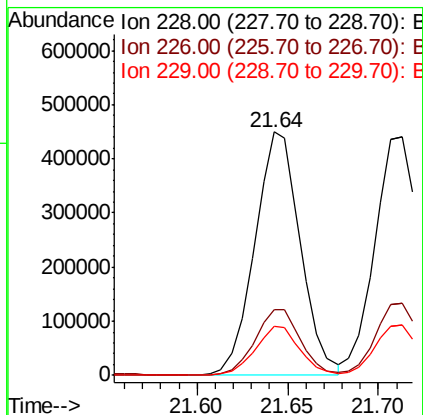
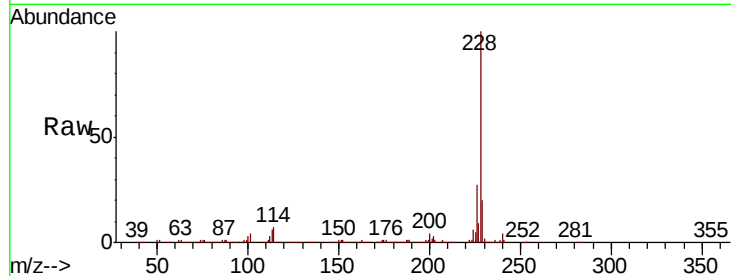




#81
Benzo(a)anthracene
Concen: 41.833 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

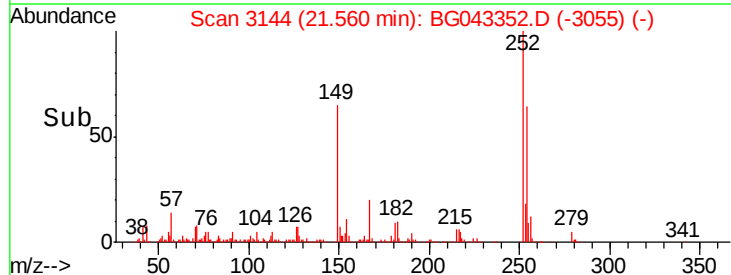
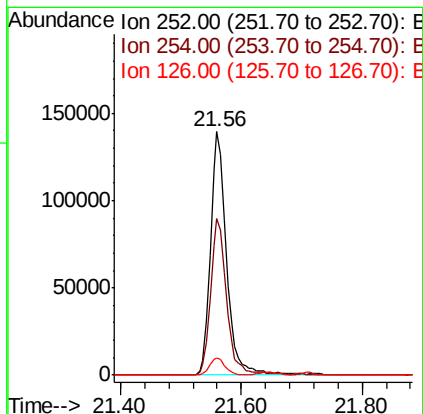
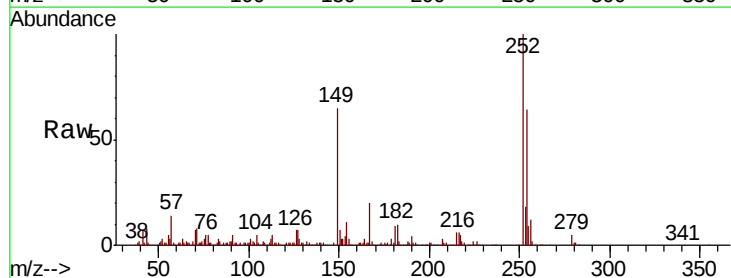
Instrument :
BNA_G
ClientSampleId :
PB124295BS

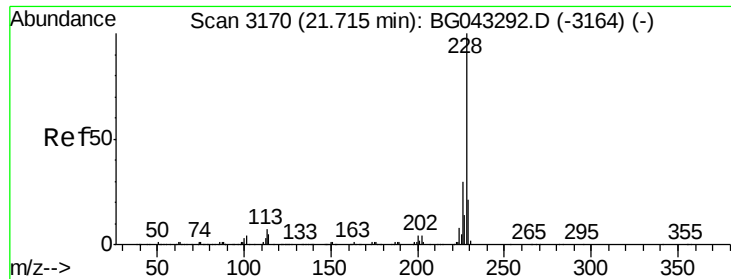
Tot Ion:228 Resp: 787478
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.9 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 35.544 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:252 Resp: 258788
Ion Ratio Lower Upper
252 100
254 64.4 52.7 79.1
126 7.1 5.6 8.4





#83

Chrysene

Concen: 40.944 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

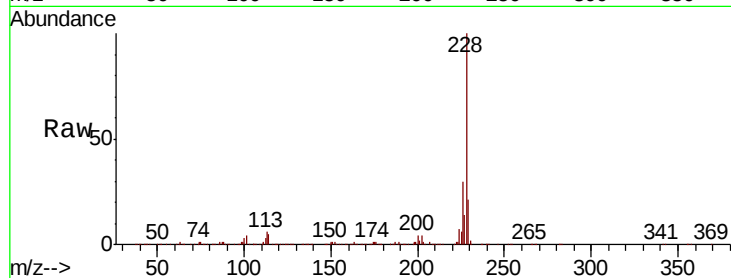
BNA_G

ClientSampleId :

PB124295BS

Tot Ion:228 Resp: 765778

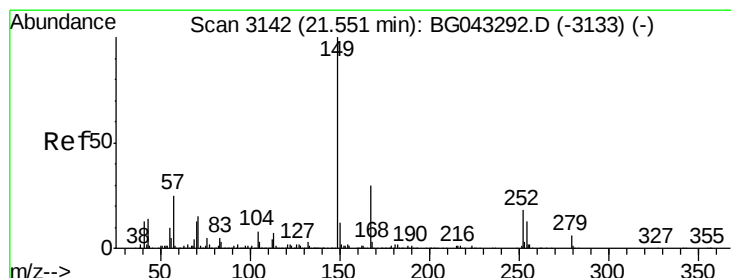
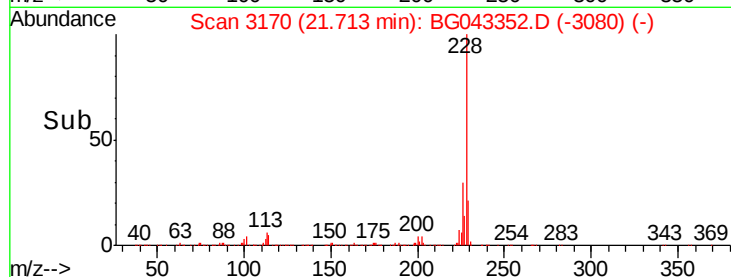
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	21.2	16.3	24.5



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: 41.322 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

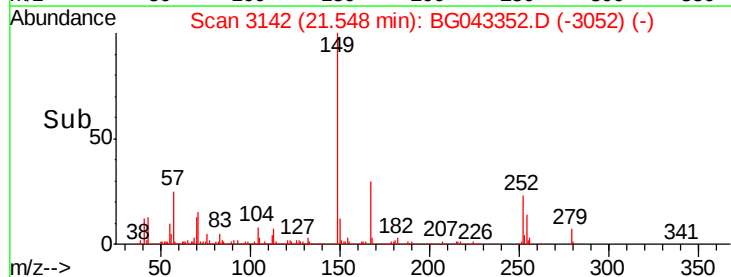
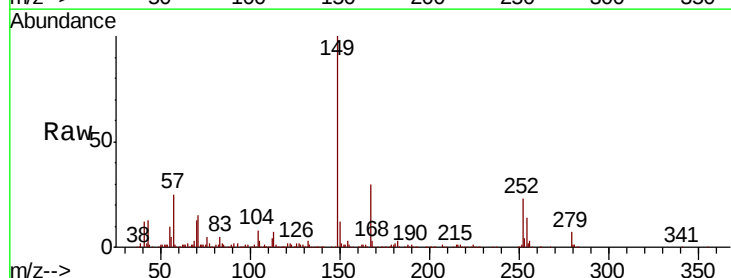
Tgt Ion:149 Resp: 413668

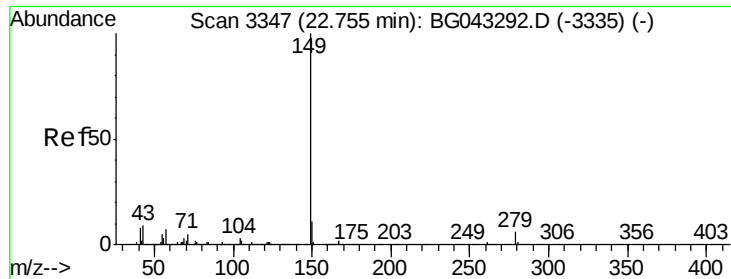
Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.9	35.9
279	6.6	4.8	7.2

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

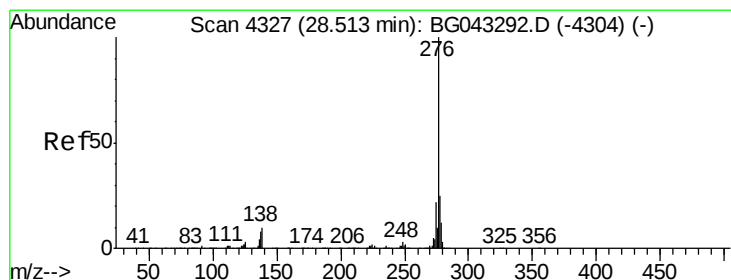
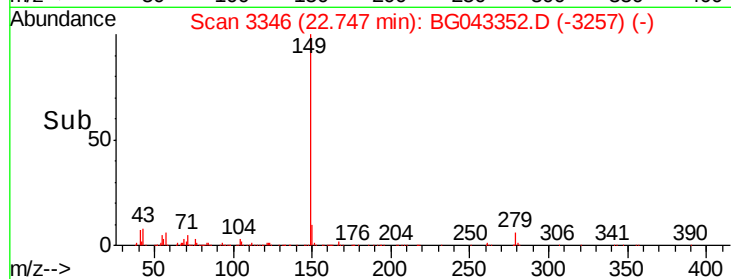
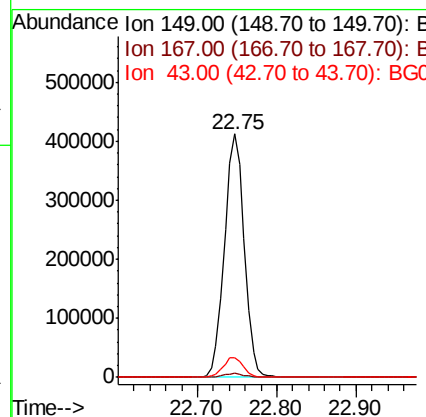
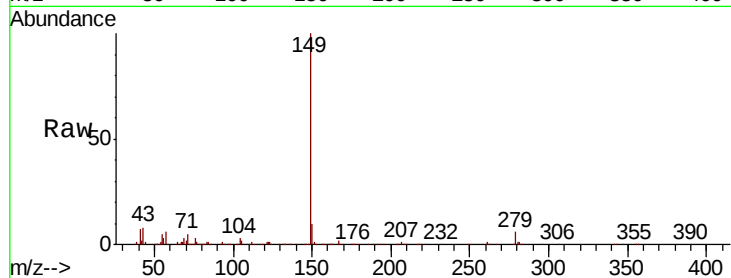




#85
Di-n-octyl phthalate
Concen: 41.808 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

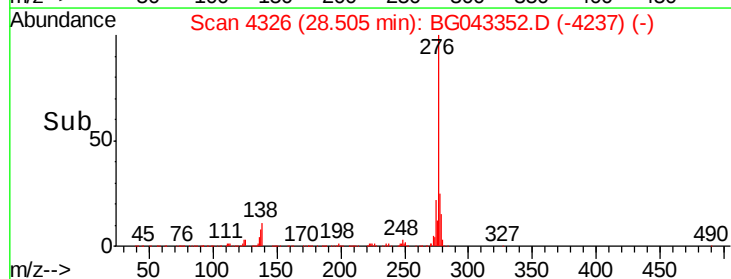
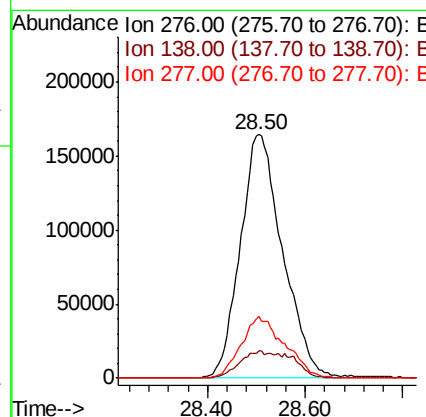
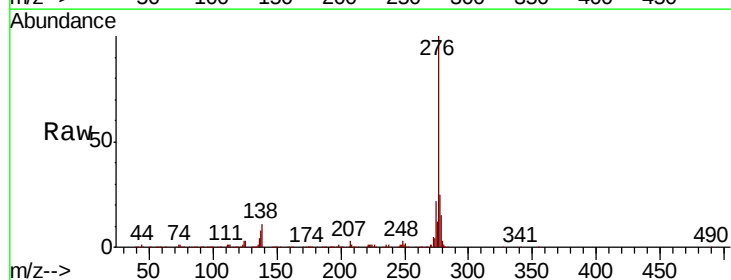
Instrument :
BNA_G
ClientSampleId :
PB124295BS

Tot Ion:149 Resp: 710088
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.6 6.9 10.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.219 ng
RT: 28.50 min Scan# 4326
Delta R.T. -0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:276 Resp: 991184
Ion Ratio Lower Upper
276 100
138 10.0 7.2 10.8
277 25.9 20.9 31.3



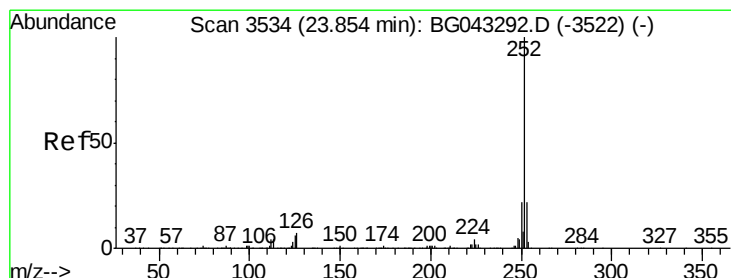
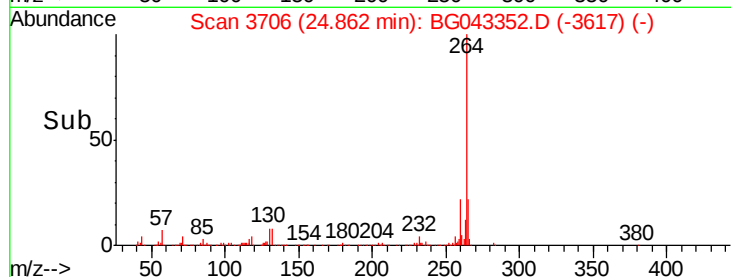
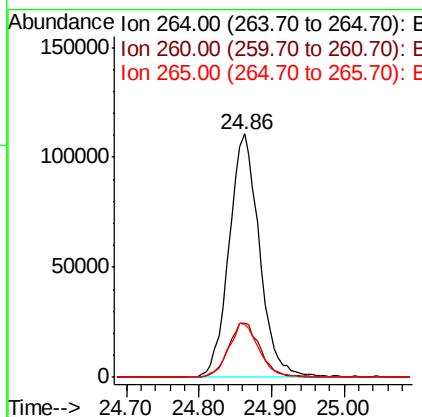
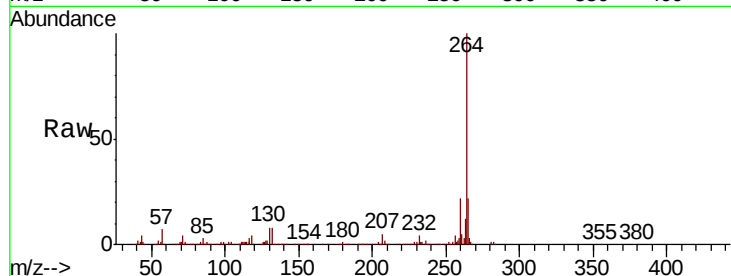


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB124295BS

Tot Ion:264 Resp: 321899

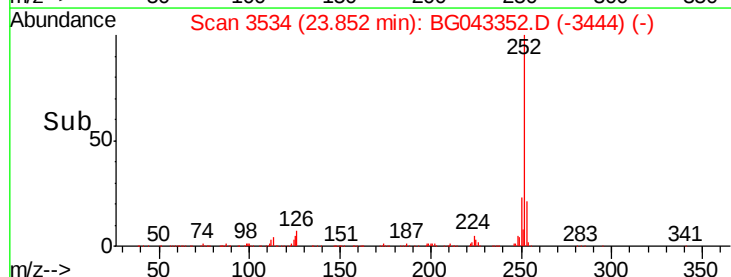
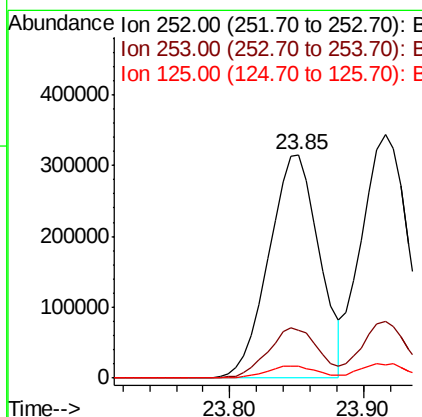
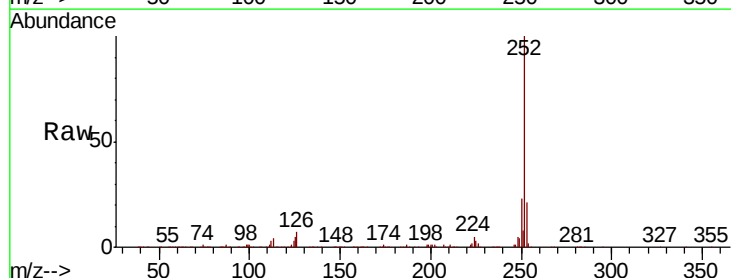
Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.9	26.9
265	21.5	17.4	26.2

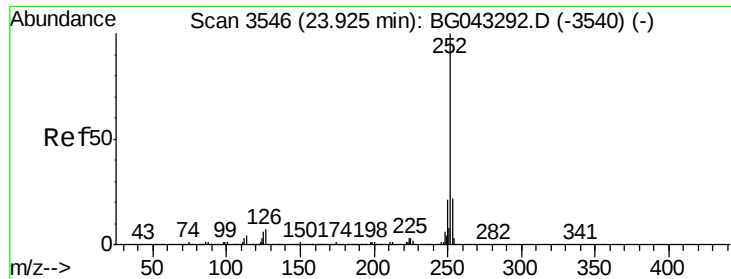


#88
Benzo(b)fluoranthene
Concen: 45.365 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:252 Resp: 827072

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	5.4	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 45.990 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB124295BS

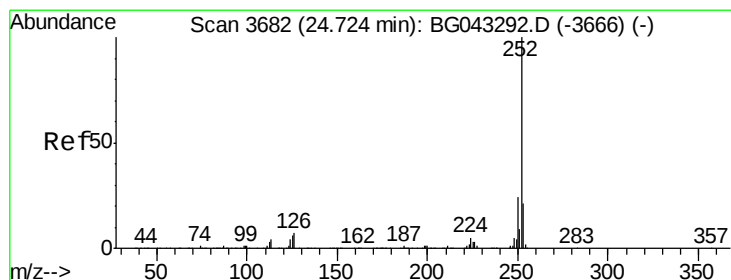
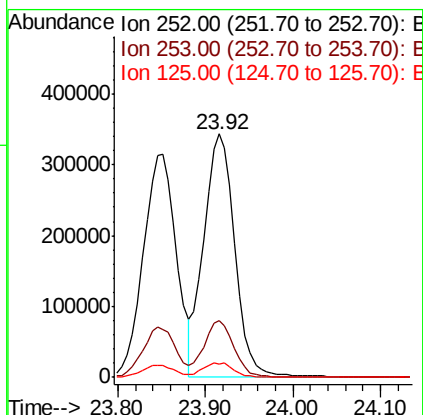
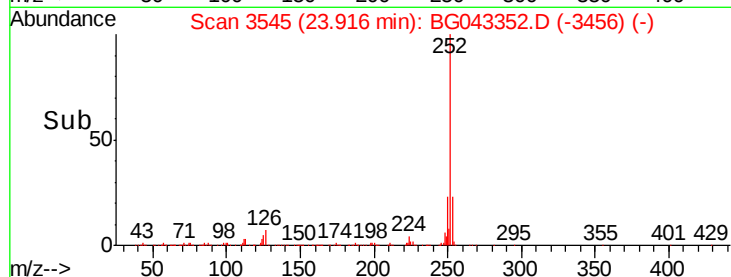
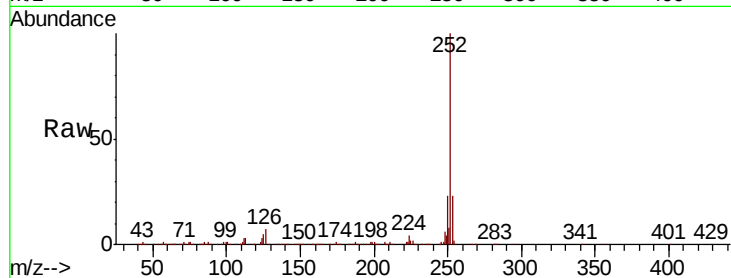
Tot Ion:252 Resp: 844079

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 5.2 4.5 6.7



#90

Benzo(a)pyrene

Concen: 44.339 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043352.D

Acq: 28 Oct 2019 16:22

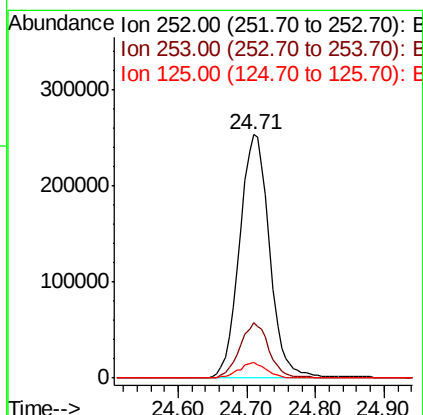
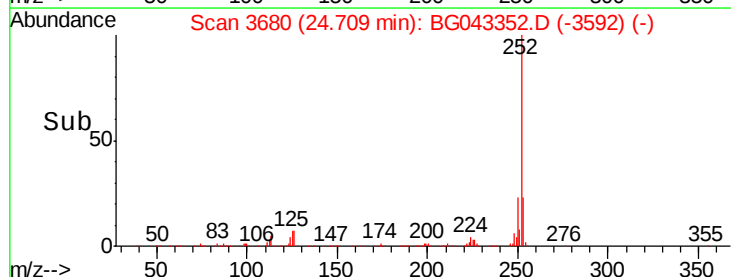
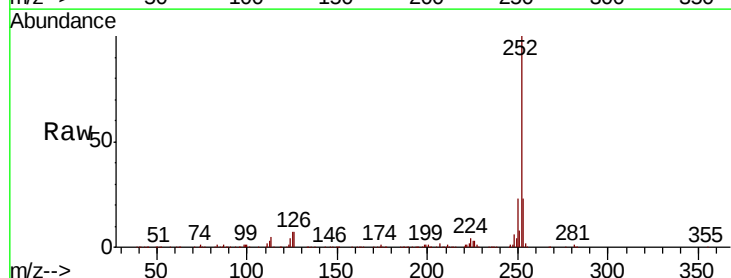
Tgt Ion:252 Resp: 771921

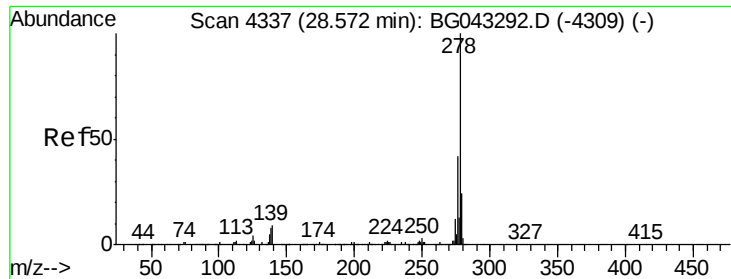
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 6.6 5.0 7.6

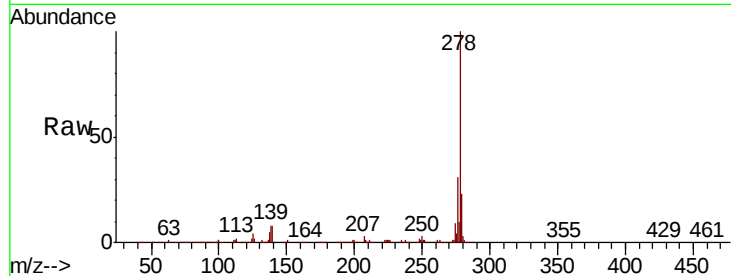




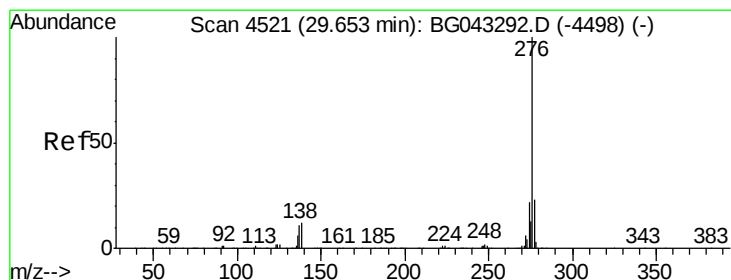
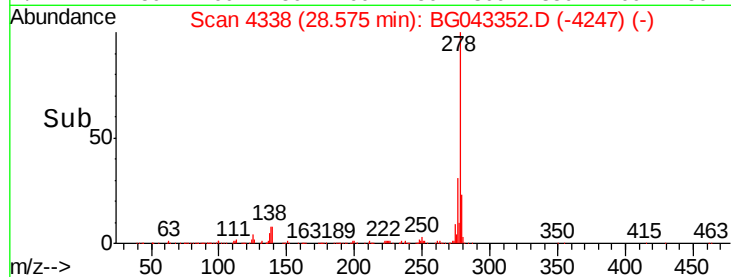
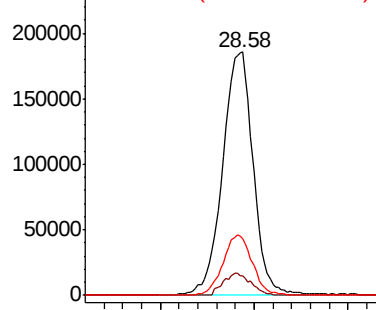
#91
Dibenzo(a,h)anthracene
Concen: 47.328 ng
RT: 28.58 min Scan# 4338
Delta R.T. 0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB124295BS

Tot Ion:278 Resp: 842794
Ion Ratio Lower Upper
278 100
139 7.9 6.8 10.2
279 23.5 19.0 28.6

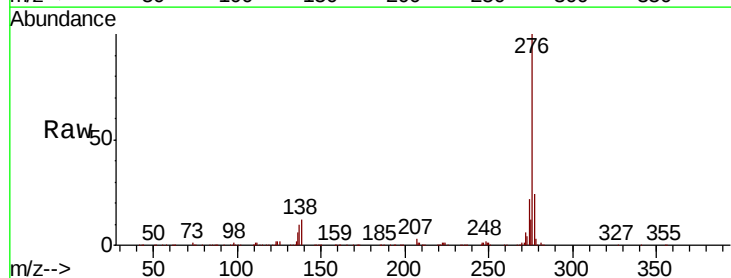


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.600 ng
RT: 29.65 min Scan# 4521
Delta R.T. -0.00 min
Lab File: BG043352.D
Acq: 28 Oct 2019 16:22

Tgt Ion:276 Resp: 836109
Ion Ratio Lower Upper
276 100
277 23.5 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

