

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043232.D
 Acq On : 16 Oct 2019 1:41
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 04:13:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	72948	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	282747	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	193789	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	416198	20.00	ng	0.00
76) Chrysene-d12	21.70	240	440272	20.00	ng	0.01
87) Perylene-d12	24.93	264	529425	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	334909	81.93	ng	0.00
7) Phenol-d6	7.23	99	465525	79.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	457933	78.72	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	287371	86.24	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1154697	86.38	ng	0.00
79) Terphenyl-d14	20.03	244	1831013	88.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	57954	34.006	ng	87
3) Pyridine	3.93	79	164080	34.231	ng	89
4) n-Nitrosodimethylamine	3.85	42	80043	34.725	ng	# 88
6) Aniline	7.38	93	272979	38.418	ng	98
8) 2-Chlorophenol	7.62	128	179338	42.070	ng	95
9) Benzaldehyde	7.19	77	140033	38.931	ng	87
10) Phenol	7.25	94	219464	40.637	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	155889	37.307	ng	89
12) 1,3-Dichlorobenzene	7.95	146	228030	41.933	ng	95
13) 1,4-Dichlorobenzene	8.09	146	225147	41.532	ng	97
14) 1,2-Dichlorobenzene	8.41	146	219194	42.471	ng	94
15) Benzyl Alcohol	8.29	79	160650	36.300	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	234720	29.250	ng	95
17) 2-Methylphenol	8.51	107	153744	40.686	ng	96
18) Hexachloroethane	9.14	117	84261	41.271	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	140520	36.356	ng	90
20) 3+4-Methylphenols	8.83	107	209203	40.398	ng	95
22) Acetophenone	8.88	105	312906	42.933	ng	# 93
24) Nitrobenzene	9.26	77	219509	39.560	ng	95
25) Isophorone	9.78	82	389810	38.149	ng	96
26) 2-Nitrophenol	9.97	139	103121	43.657	ng	96
27) 2,4-Dimethylphenol	10.03	122	150106	41.380	ng	92
28) bis(2-Chloroethoxy)methane	10.26	93	222952	38.457	ng	97
29) 2,4-Dichlorophenol	10.51	162	197815	43.847	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	245014	42.055	ng	98
31) Naphthalene	10.91	128	587354	42.199	ng	99
32) Benzoic acid	10.20	122	105555	39.011	ng	98
33) 4-Chloroaniline	11.02	127	242178	40.098	ng	95
34) Hexachlorobutadiene	11.20	225	179329	41.109	ng	97
35) Caprolactam	11.81	113	61382	38.581	ng	# 74
36) 4-Chloro-3-methylphenol	12.15	107	200160	40.805	ng	92
37) 2-Methylnaphthalene	12.51	142	447001	42.098	ng	96
38) 1-Methylnaphthalene	12.73	142	414734	41.278	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	338484	46.455	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	68597	14.776	nq	92
43) 2,4,6-Trichlorophenol	13.12	196	183785	43.094	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	186555	42.463	nq	97
46) 1,1'-Biphenyl	13.52	154	656583	44.678	nq	97
47) 2-Chloronaphthalene	13.56	162	474532	43.068	nq	98
48) 2-Nitroaniline	13.76	65	147756	40.326	nq	# 86
49) Acenaphthylene	14.40	152	716930	42.524	nq	98
50) Dimethylphthalate	14.13	163	584532	40.257	nq	99
51) 2,6-Dinitrotoluene	14.25	165	129798	41.977	nq	91
52) Acenaphthene	14.74	154	447647	39.668	nq	99
53) 3-Nitroaniline	14.59	138	128345	40.164	nq	# 95
55) Dibenzofuran	15.08	168	694210	41.585	nq	100
56) 4-Nitrophenol	14.91	139	85979	35.313	nq	88
57) 2,4-Dinitrotoluene	15.04	165	183085	40.433	nq	94
58) Fluorene	15.73	166	579884	40.687	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	184230	39.384	nq	# 98
60) Diethylphthalate	15.49	149	577218	39.062	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	338480	39.599	nq	99
62) 4-Nitroaniline	15.75	138	139397	39.998	nq	98
63) Azobenzene	16.01	77	484866	36.040	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	20350	8.641	nq	90
66) n-Nitrosodiphenylamine	15.93	169	501549	45.649	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	236467	45.268	nq	95
68) Hexachlorobenzene	16.74	284	268893	46.231	nq	100
69) Atrazine	16.88	200	175437	37.919	nq	93
70) Pentachlorophenol	17.08	266	141897	42.280	nq	98
71) Phenanthrene	17.47	178	866401	42.640	nq	98
72) Anthracene	17.56	178	870148	42.897	nq	99
73) Carbazole	17.83	167	795950	42.314	nq	98
74) Di-n-butylphthalate	18.38	149	955632	42.580	nq	99
75) Fluoranthene	19.47	202	1076912	40.071	nq	99
77) Benzidine	19.66	184	509262	46.196	nq	99
78) Pyrene	19.84	202	1104733	42.040	nq	99
80) Butylbenzylphthalate	20.72	149	430724	43.182	nq	95
81) Benzo(a)anthracene	21.68	228	1150133	41.925	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	482517	44.846	nq	99
83) Chrysene	21.75	228	1117734	41.986	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	624242	43.982	nq	99
85) Di-n-octyl phthalate	22.79	149	1050664	45.270	nq	96
86) Indeno(1,2,3-cd)pyrene	28.61	276	1404099	42.367	nq	# 98
88) Benzo(b)fluoranthene	23.90	252	1230080	41.063	nq	99
89) Benzo(k)fluoranthene	23.98	252	1210442	40.845	nq	99
90) Benzo(a)pyrene	24.78	252	1175869	41.605	nq	99
91) Dibenzo(a,h)anthracene	28.67	278	1153591	39.805	nq	98
92) Benzo(g,h,i)perylene	29.76	276	1011278	36.014	nq	97

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

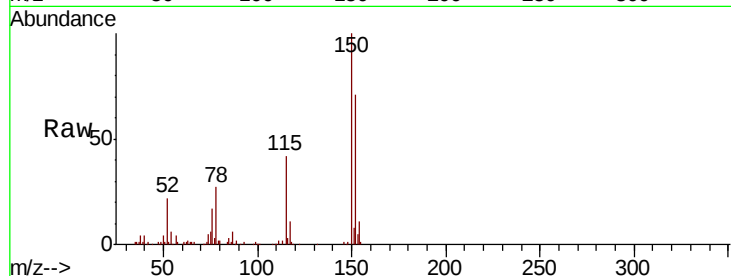


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.0	115.0	172.4
115	58.2	47.0	70.6

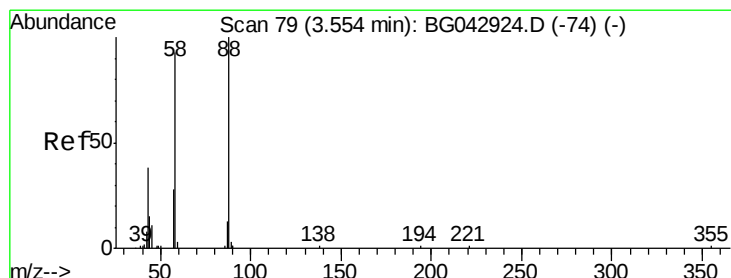
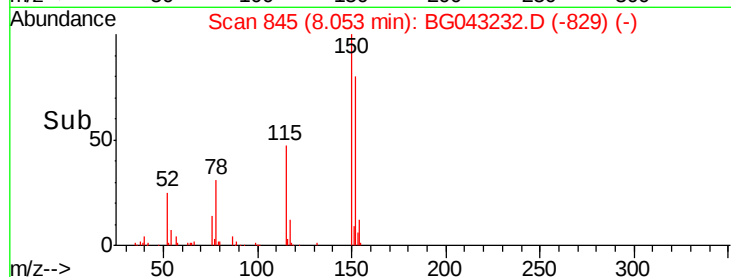
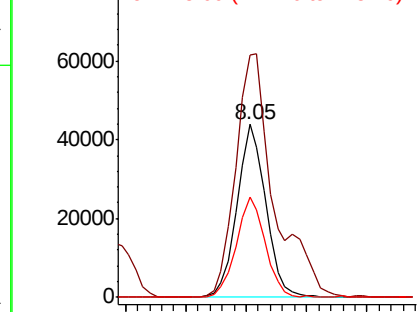


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

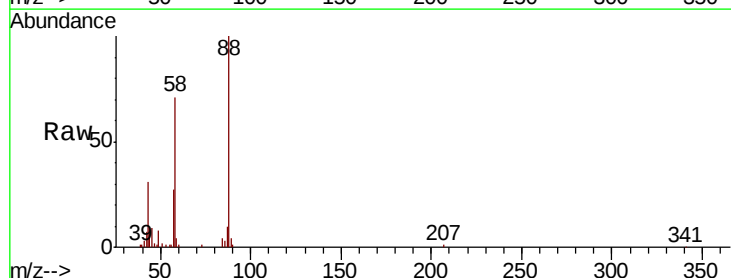
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.006 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	74.3	111.5
43	32.4	29.8	44.8

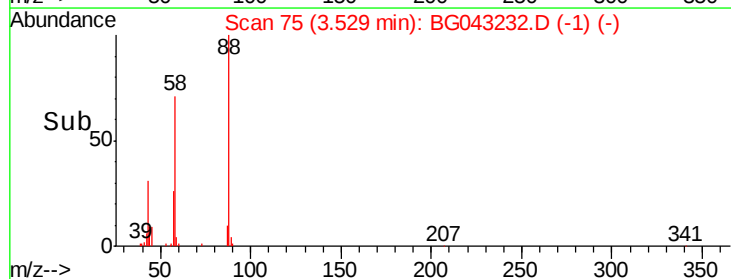
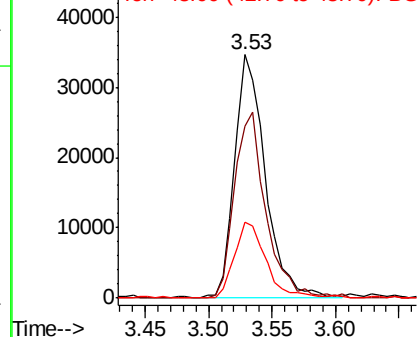


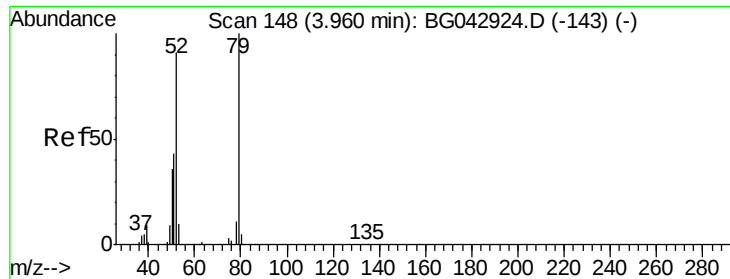
Abundance

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: 34.231 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampled :

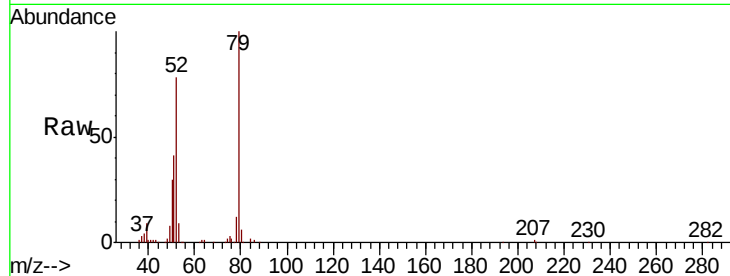
Tot Ion: 79 Resp: 164080

Ion Ratio Lower Upper

79 100

52 78.1 73.0 109.4

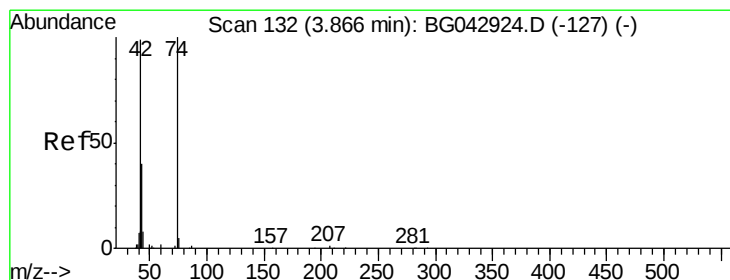
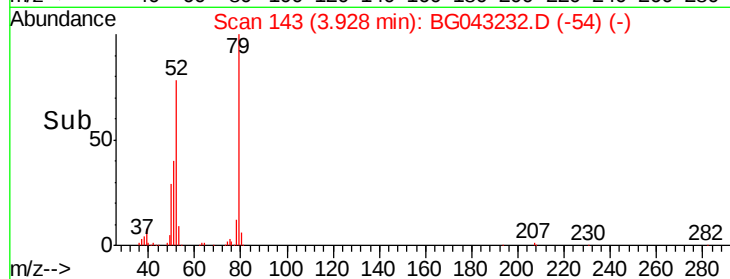
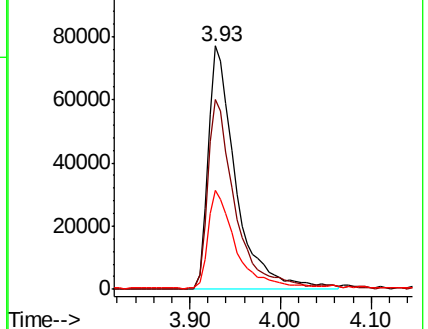
51 40.6 35.1 52.7



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: 34.725 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

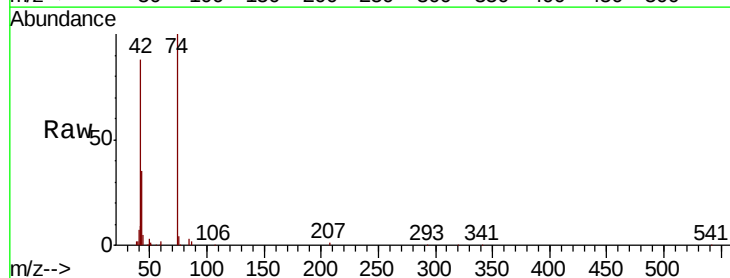
Tgt Ion: 42 Resp: 80043

Ion Ratio Lower Upper

42 100

74 113.1 80.5 120.7

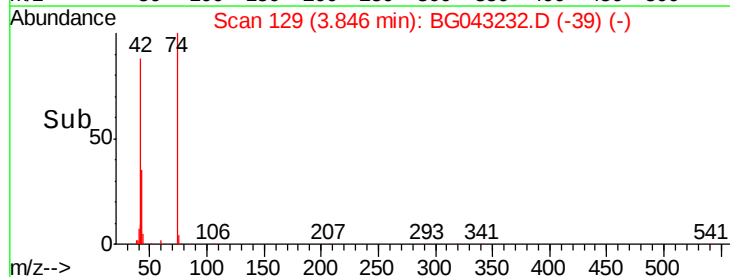
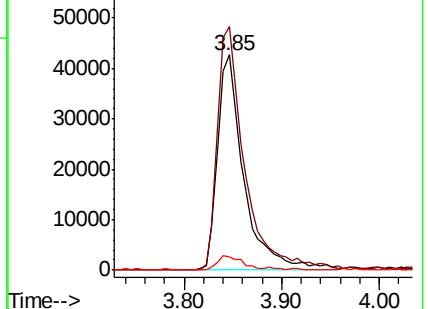
44 5.9 6.9 10.3#



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: 81.933 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

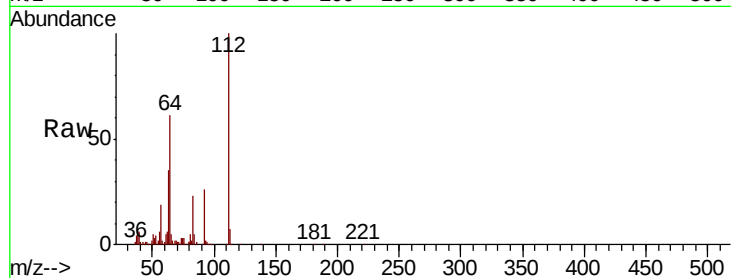
Tot Ion:112 Resp: 334909

Ion Ratio Lower Upper

112 100

64 60.6 56.6 84.8

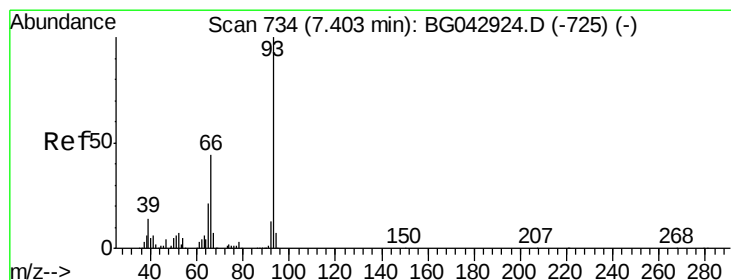
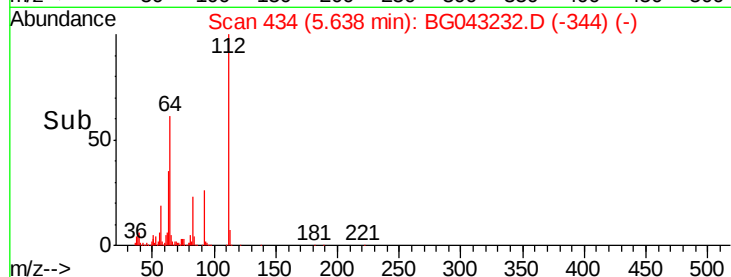
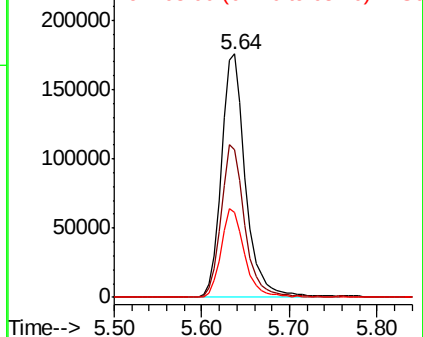
63 34.7 35.1 52.7#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.418 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

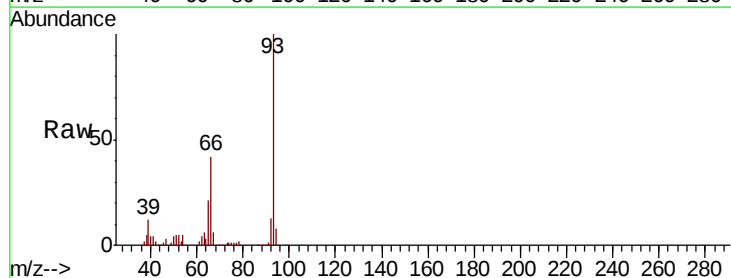
Tgt Ion: 93 Resp: 272979

Ion Ratio Lower Upper

93 100

66 42.0 35.0 52.6

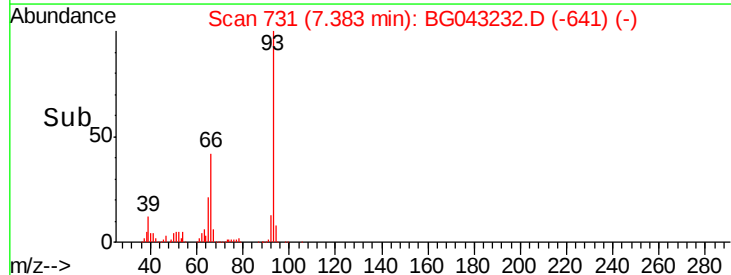
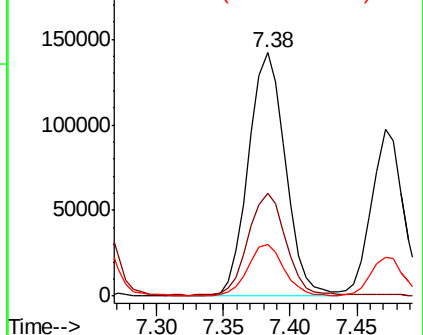
65 21.0 17.4 26.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.085 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

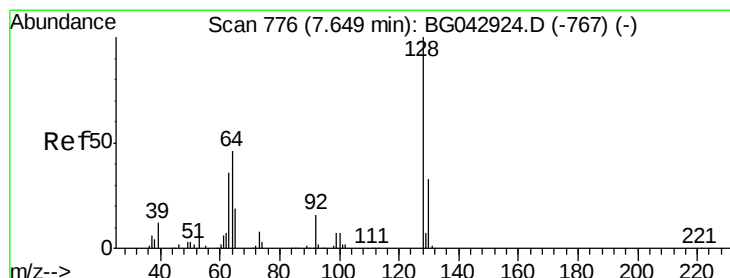
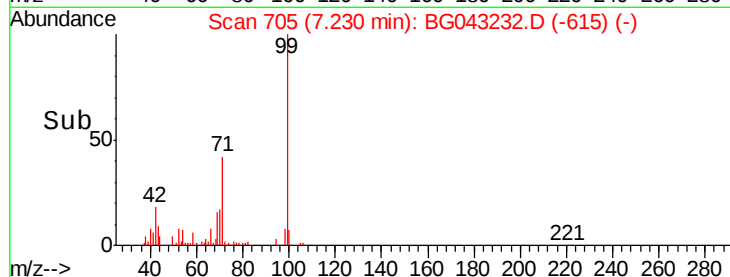
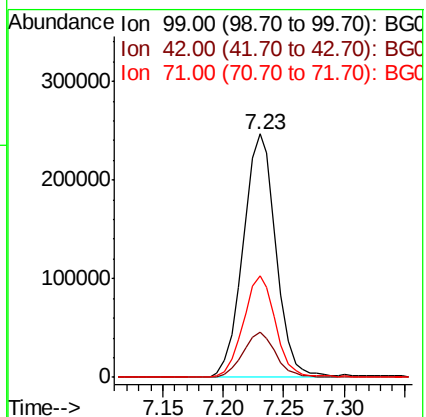
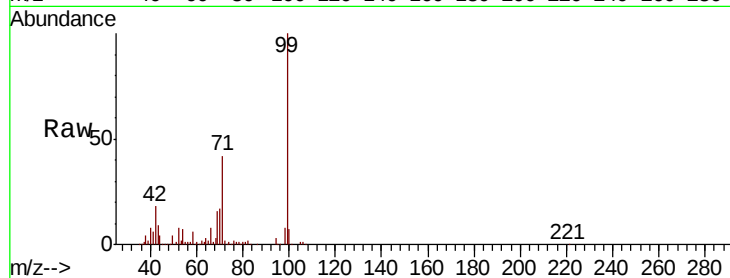
Tot Ion: 99 Resp: 465525

Ion Ratio Lower Upper

99 100

42 18.4 17.2 25.8

71 41.6 33.1 49.7



#8

2-Chlorophenol

Concen: 42.070 ng

RT: 7.62 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

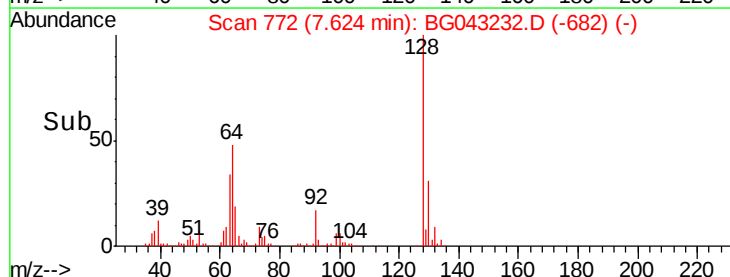
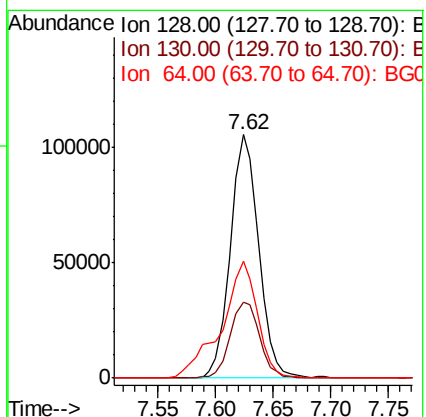
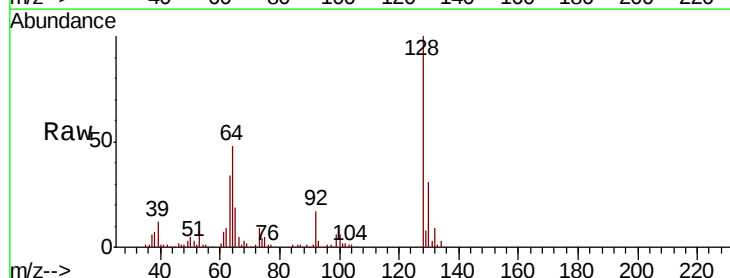
Tgt Ion: 128 Resp: 179338

Ion Ratio Lower Upper

128 100

130 31.4 12.5 52.5

64 48.0 32.8 72.8





#9

Benzaldehyde

Concen: 38.931 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampled :

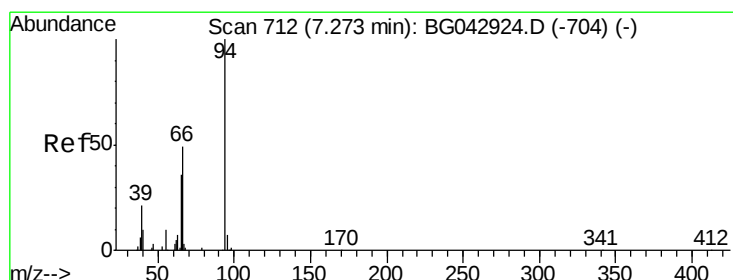
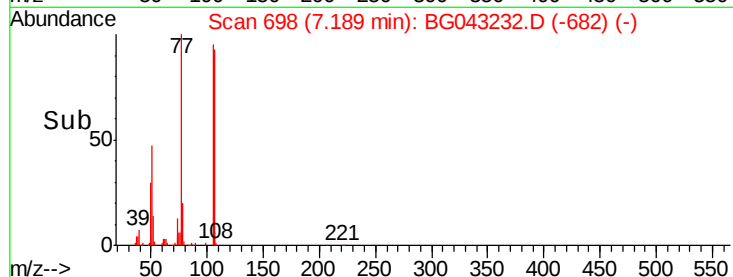
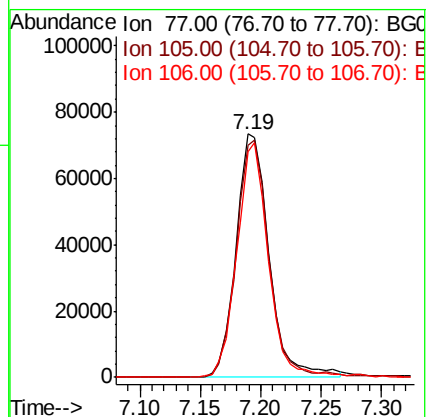
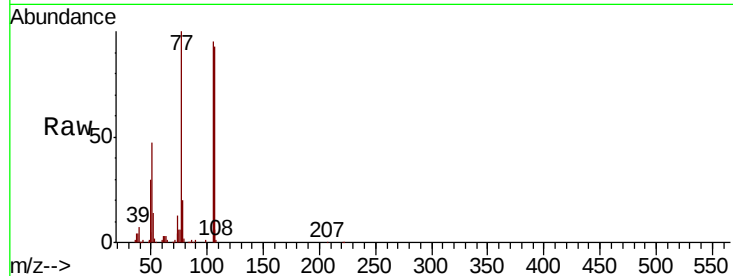
Tot Ion: 77 Resp: 140033

Ion Ratio Lower Upper

77 100

105 95.2 64.6 104.6

106 92.7 59.4 99.4



#10

Phenol

Concen: 40.637 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

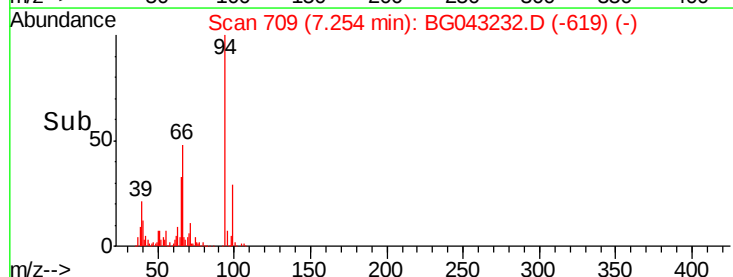
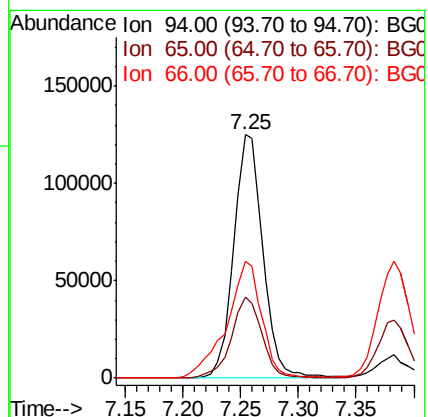
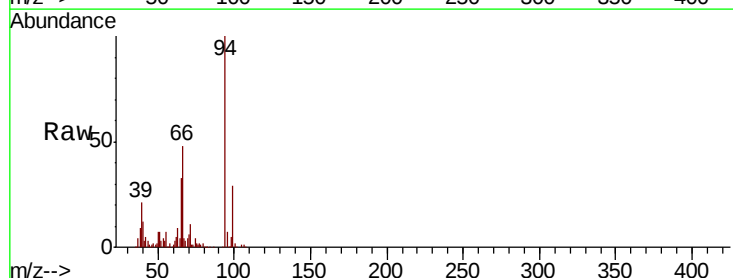
Tgt Ion: 94 Resp: 219464

Ion Ratio Lower Upper

94 100

65 33.1 16.6 56.6

66 47.8 32.4 72.4

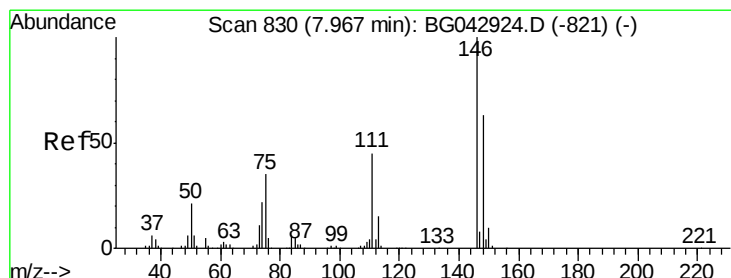
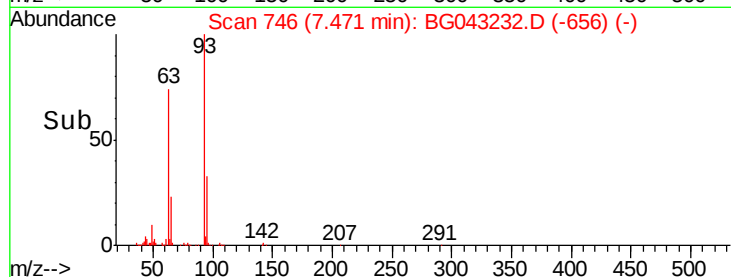
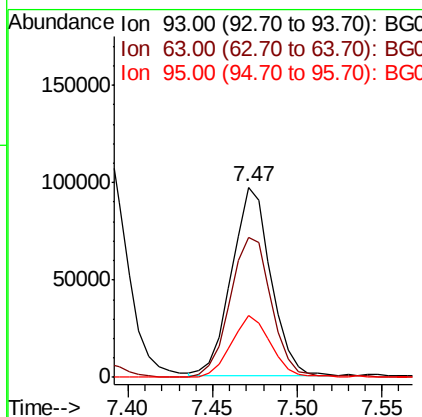
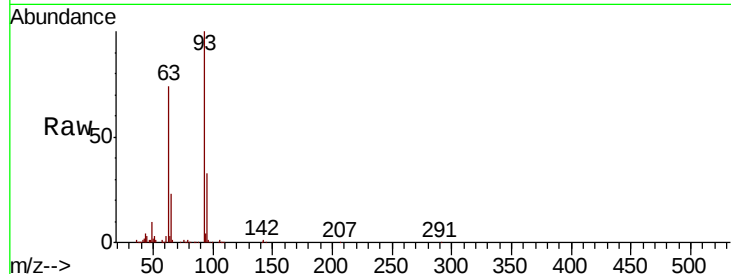




#11
bis(2-Chloroethyl)ether
Concen: 37.307 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

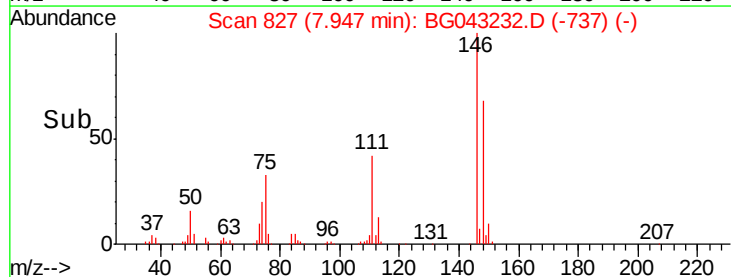
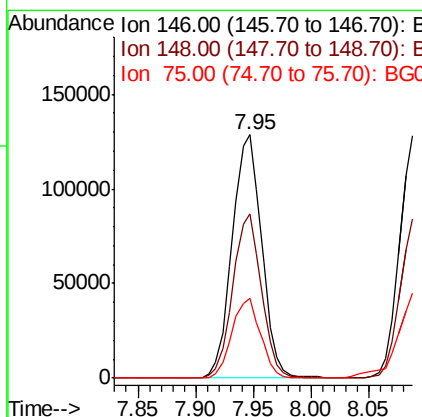
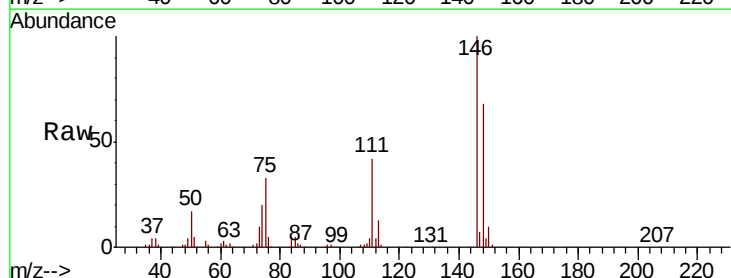
Instrument :
BNA_G
ClientSampleId :

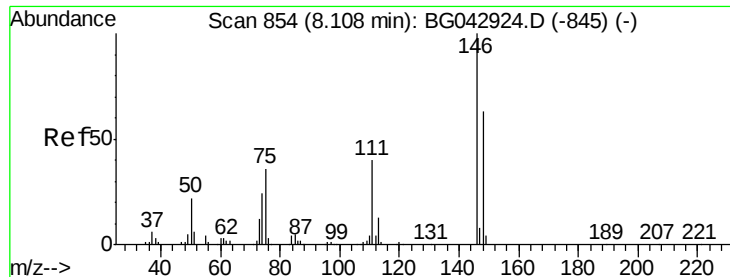
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	67.4	107.4
95	32.5	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 41.933 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	50.7	76.1
75	32.9	27.7	41.5

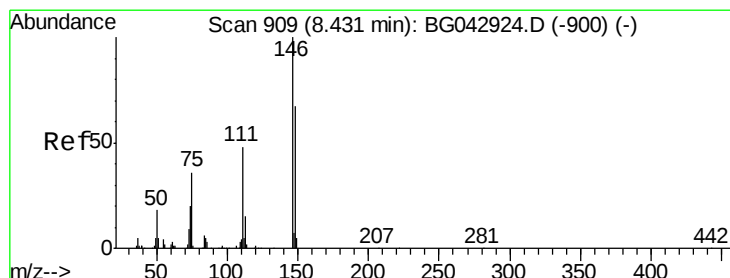
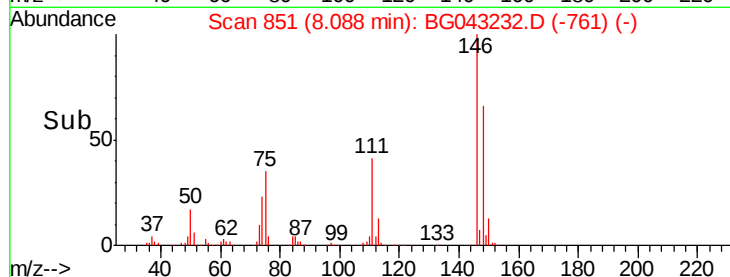
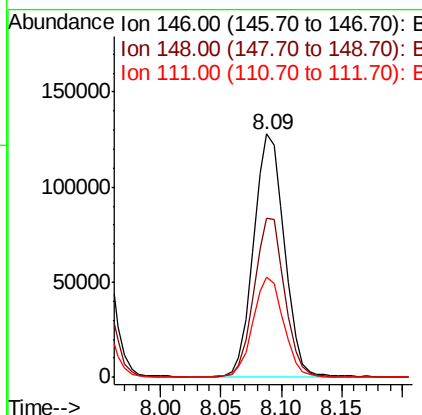
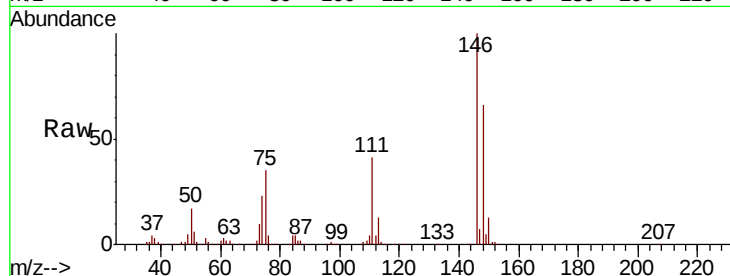




#13
 1,4-Dichlorobenzene
 Concen: 41.532 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

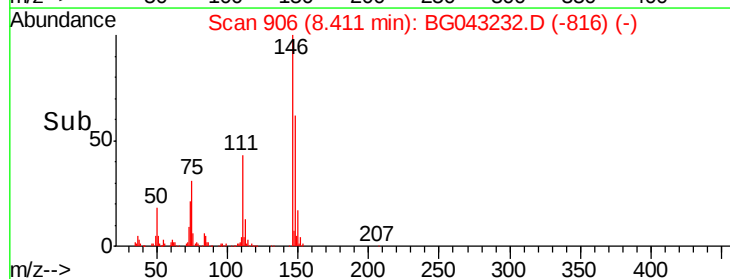
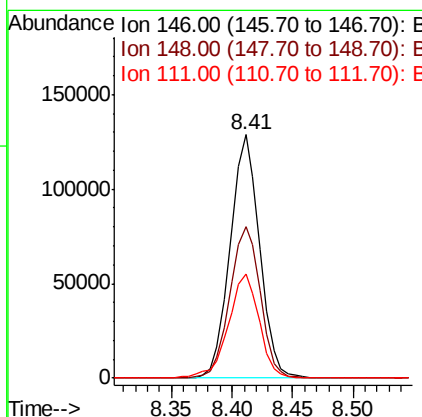
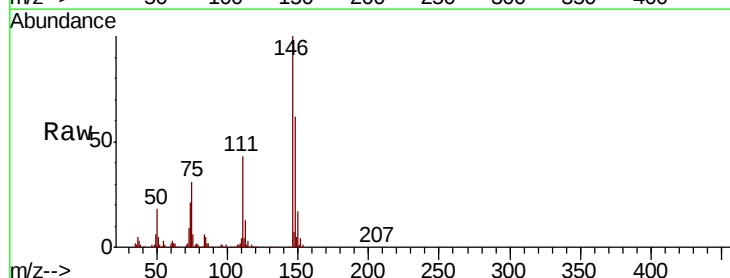
Instrument :
 BNA_G
 ClientSampleId :

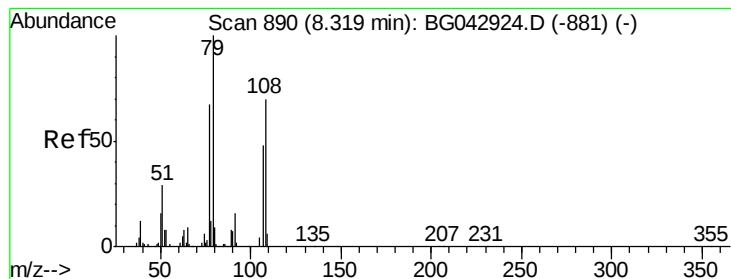
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.9	76.3
111	41.4	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.471 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.4	80.2
111	42.8	38.5	57.7





#15

Benzyl Alcohol

Concen: 36.300 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

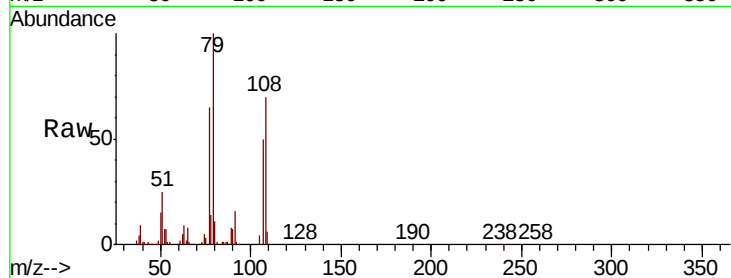
Tot Ion: 79 Resp: 160650

Ion Ratio Lower Upper

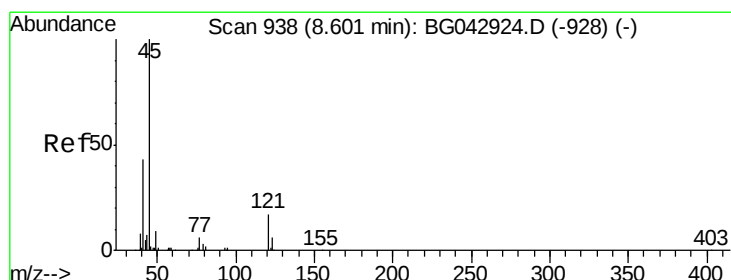
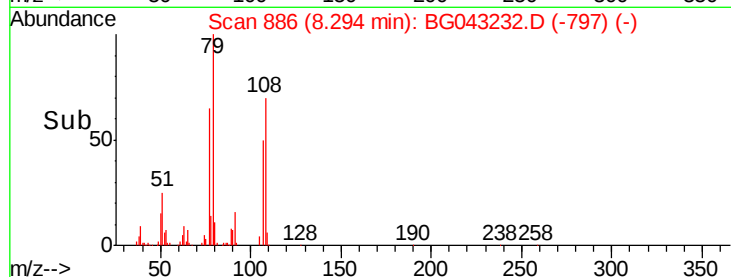
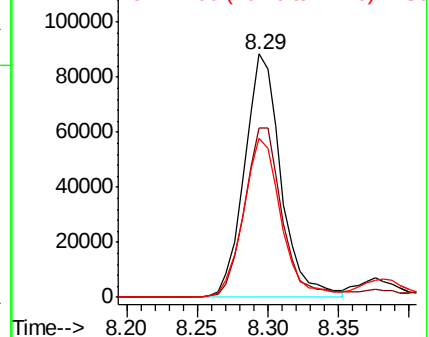
79 100

108 69.8 55.7 83.5

77 65.2 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.250 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

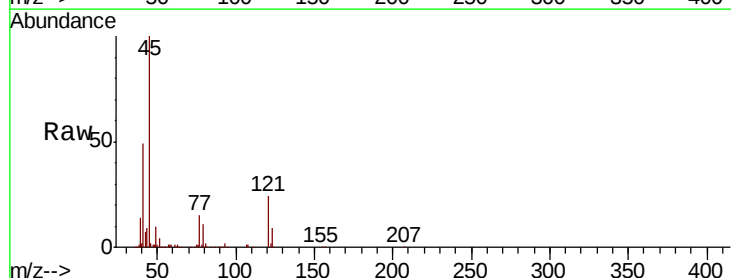
Tgt Ion: 45 Resp: 234720

Ion Ratio Lower Upper

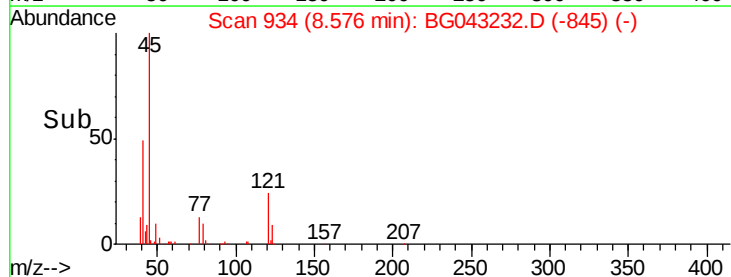
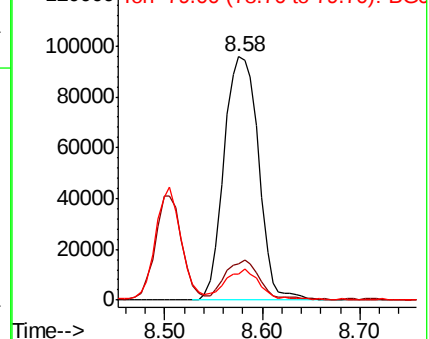
45 100

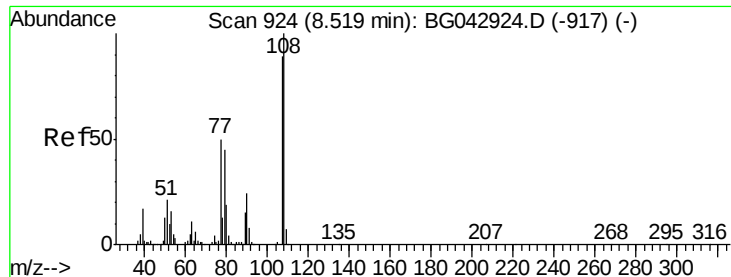
77 14.9 0.0 32.8

79 10.8 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.686 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 153744

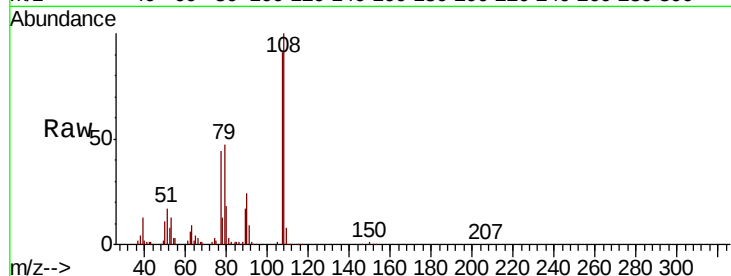
Ion Ratio Lower Upper

107 100

108 109.9 89.9 134.9

77 48.1 45.4 68.2

79 52.1 41.4 62.0

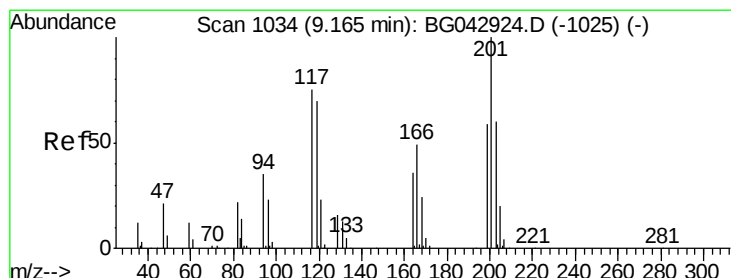
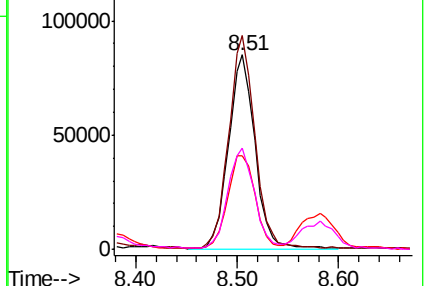
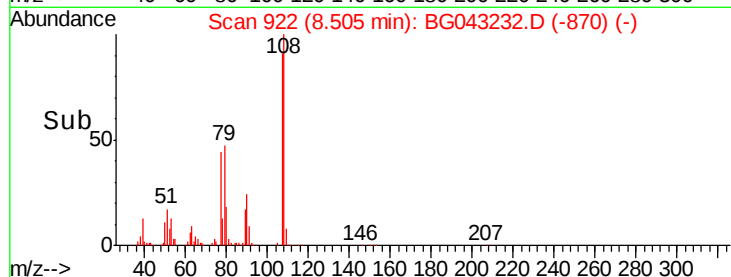


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.271 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

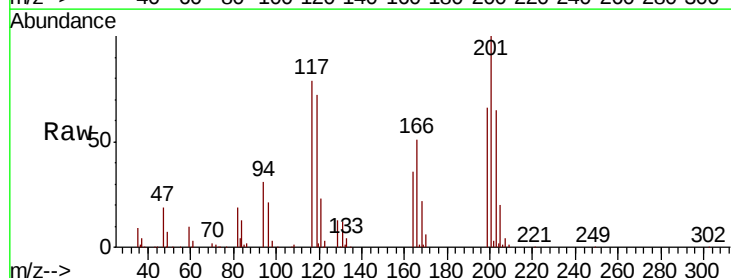
Tgt Ion:117 Resp: 84261

Ion Ratio Lower Upper

117 100

119 91.3 74.6 111.8

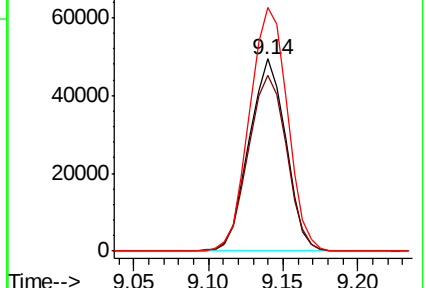
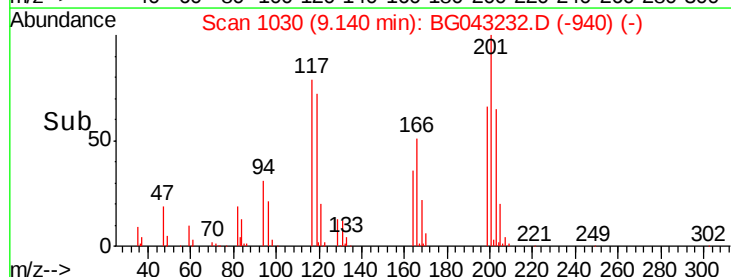
201 126.7 106.0 159.0

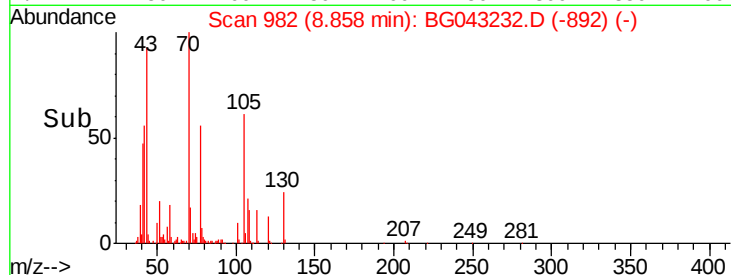
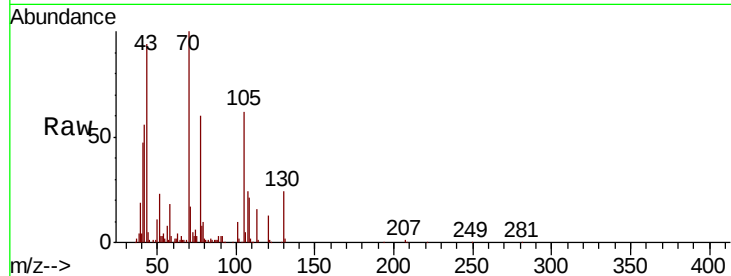
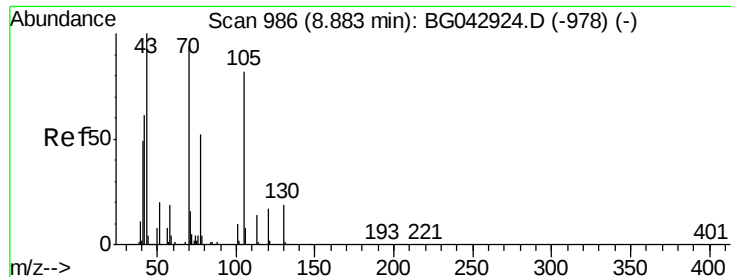


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

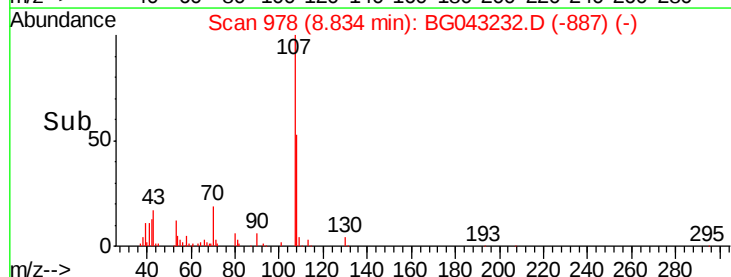
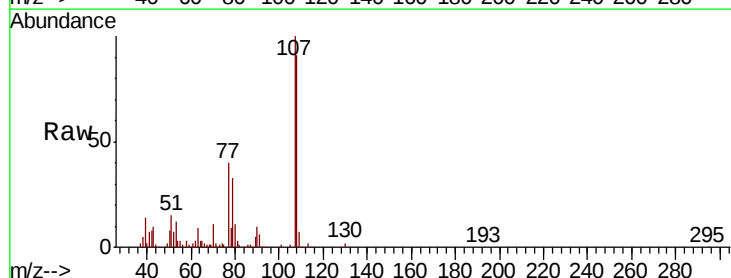
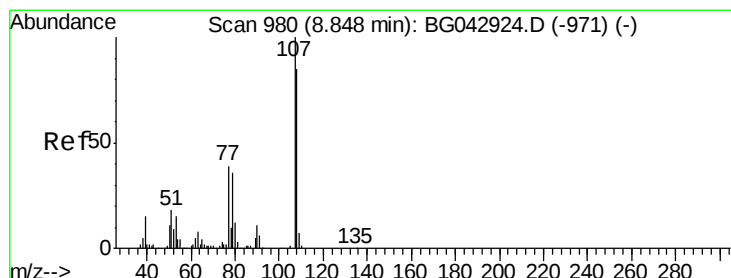
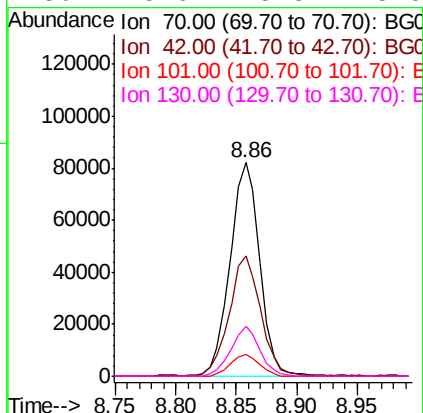




#19
n-Nitroso-di-n-propylamine
Concen: 36.356 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

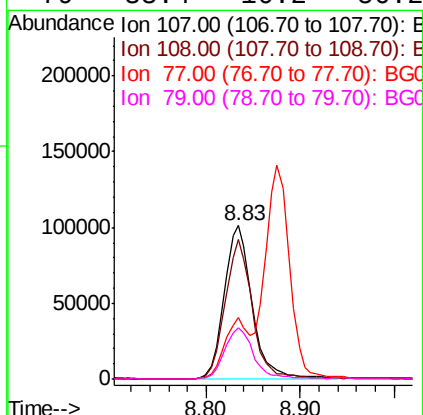
Instrument :
BNA_G
ClientSampleId :

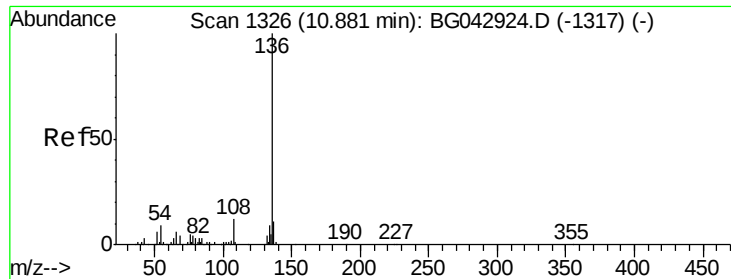
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	52.6	79.0	
101	10.2	8.7	13.1	
130	23.6	15.8	23.8	



#20
3+4-Methylphenols
Concen: 40.398 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	64.9	104.9	
77	39.8	19.4	59.4	
79	33.4	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 282747

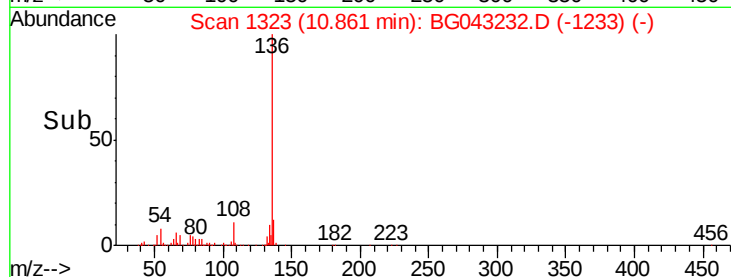
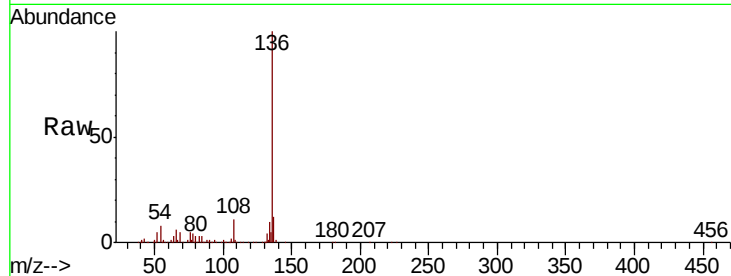
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 7.9 7.4 11.2

68 5.0 3.6 5.4

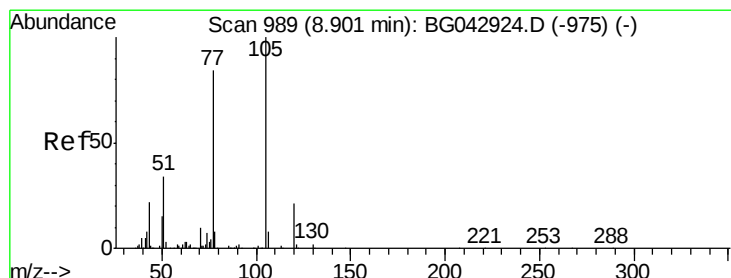
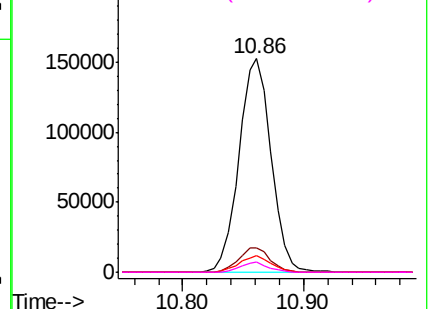


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.933 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Tgt Ion:105 Resp: 312906

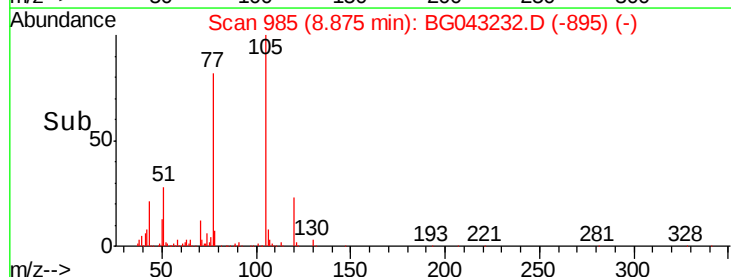
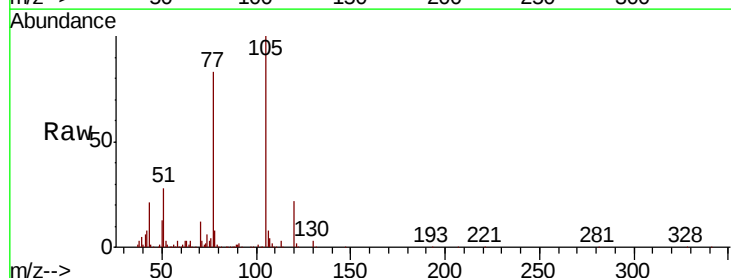
Ion Ratio Lower Upper

105 100

71 2.6 1.2 1.8#

51 28.0 27.2 40.8

120 22.5 16.9 25.3

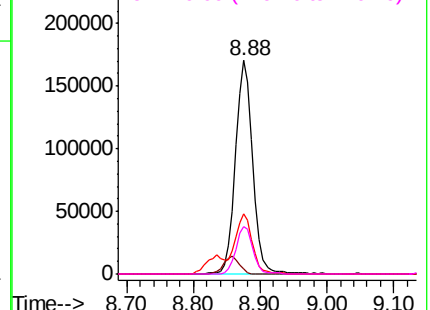


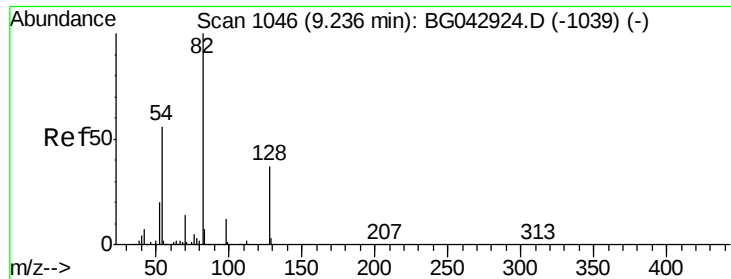
Abundance Ion 105.00 (104.70 to 105.70): E

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

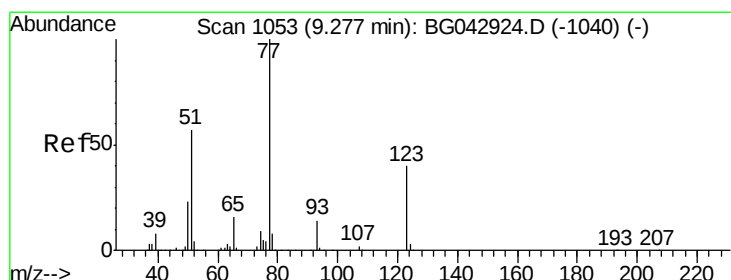
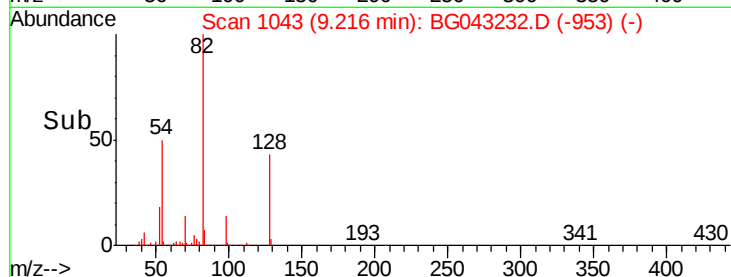
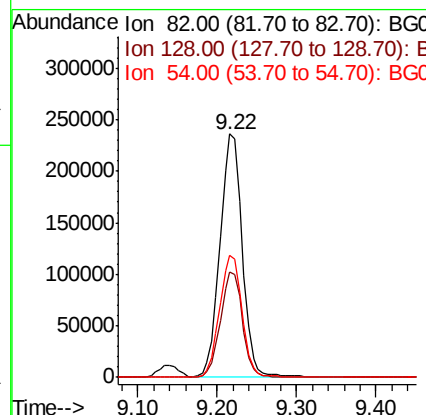
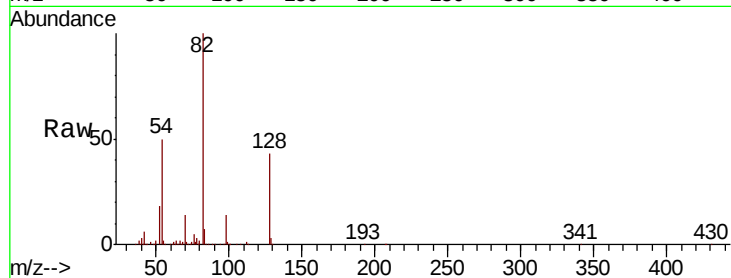




#23
 Nitrobenzene-d5
 Concen: 78.720 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

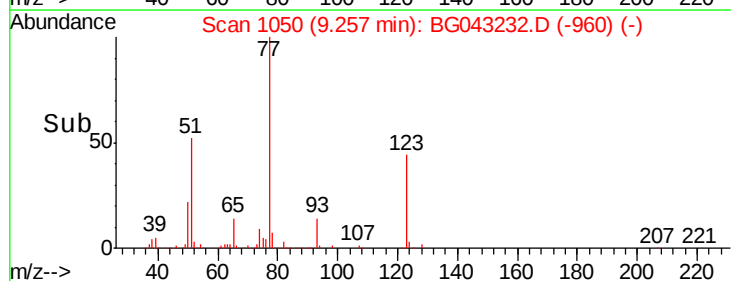
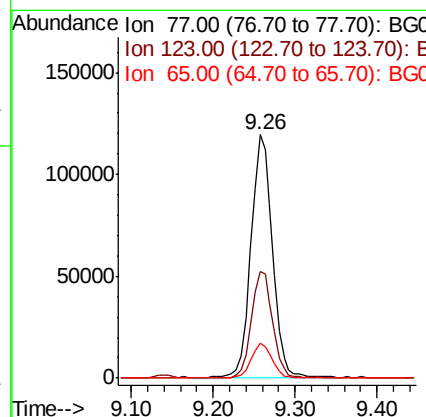
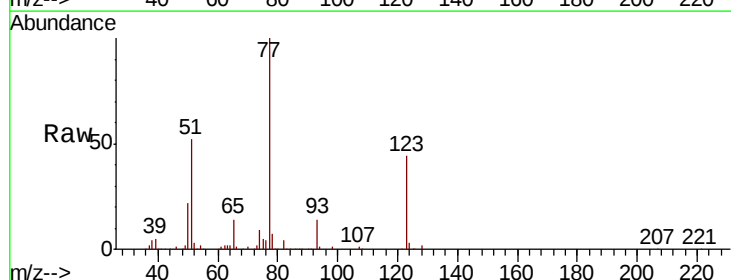
Instrument :
 BNA_G
 ClientSampleId :

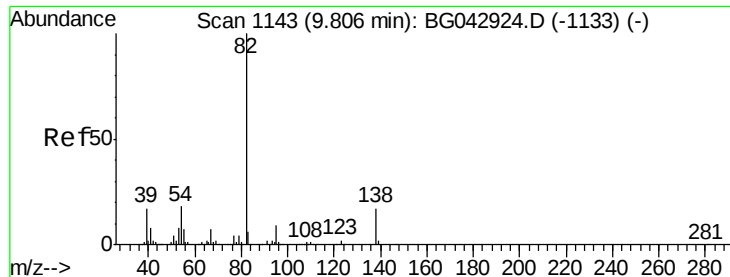
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.5	44.3
54	50.1	44.6	67.0



#24
 Nitrobenzene
 Concen: 39.560 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	31.9	47.9
65	14.4	12.4	18.6

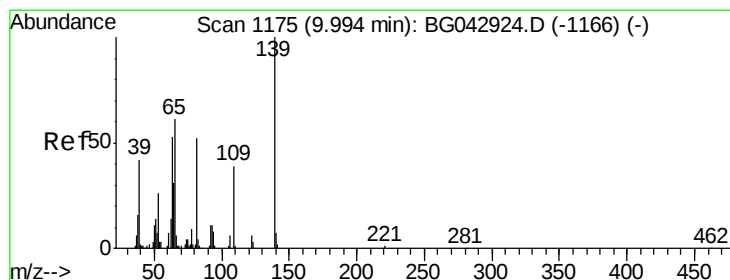
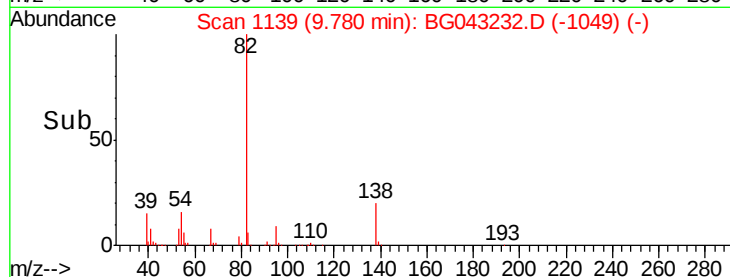
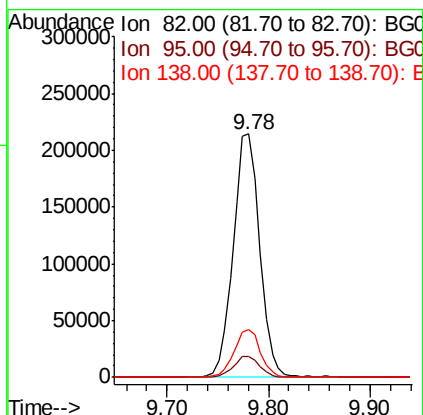
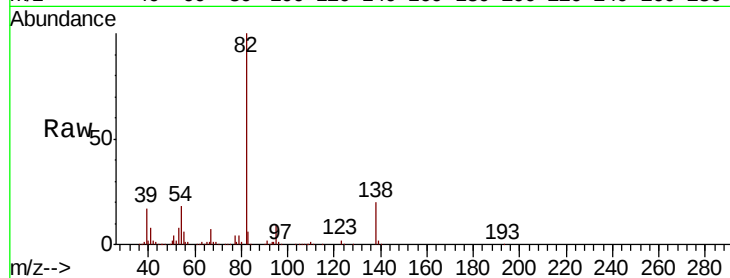




#25
Isophorone
Concen: 38.149 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

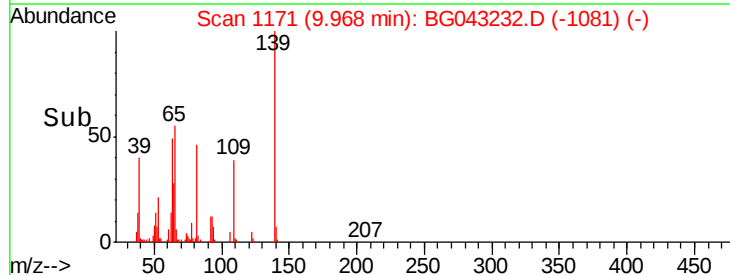
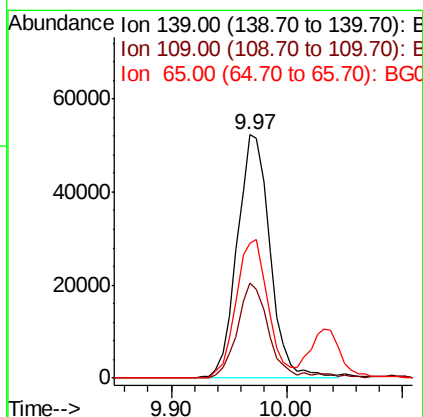
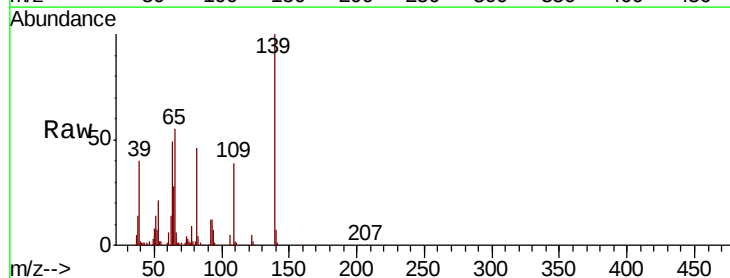
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	389810
Ion Ratio	Lower	Upper	
82	100		
95	8.5	7.0	10.4
138	19.7	13.8	20.6



#26
2-Nitrophenol
Concen: 43.657 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion	139	Resp	103121
Ion Ratio	Lower	Upper	
139	100		
109	38.9	31.0	46.6
65	55.5	48.4	72.6





#27

2,4-Dimethylphenol

Concen: 41.380 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

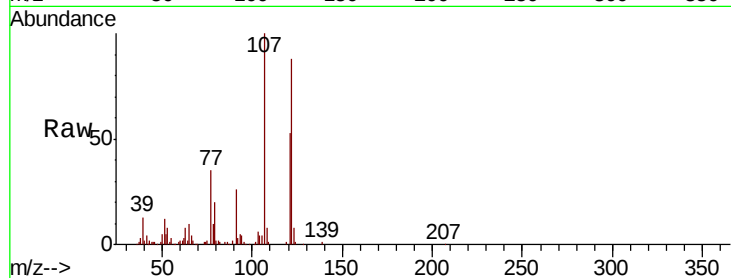
Tot Ion:122 Resp: 150106

Ion Ratio Lower Upper

122 100

107 113.4 102.2 153.2

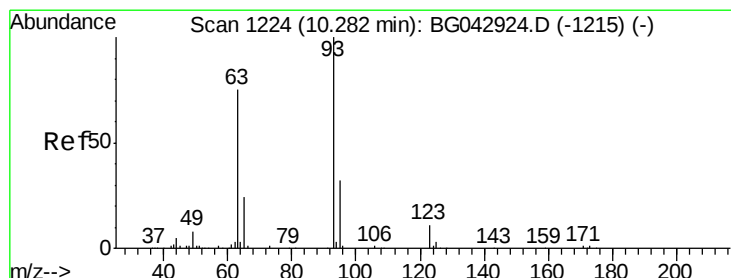
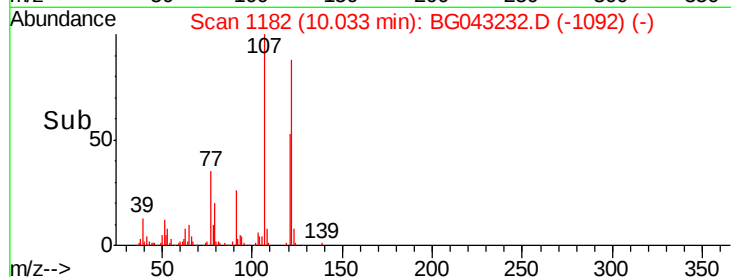
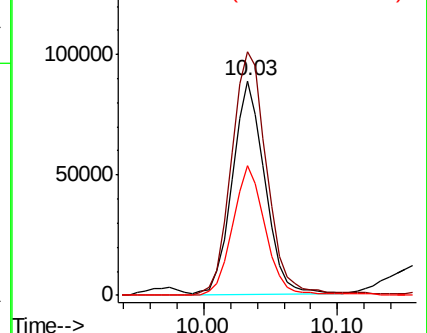
121 60.6 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.457 ng

RT: 10.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

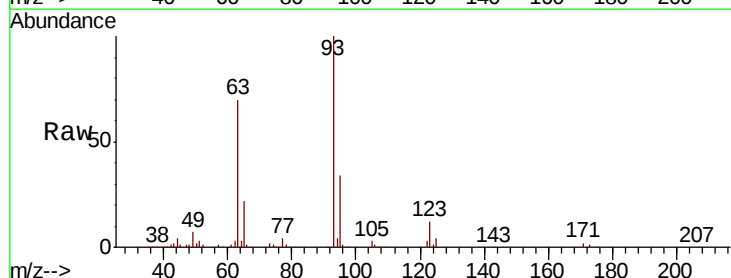
Tgt Ion: 93 Resp: 222952

Ion Ratio Lower Upper

93 100

95 34.1 25.4 38.0

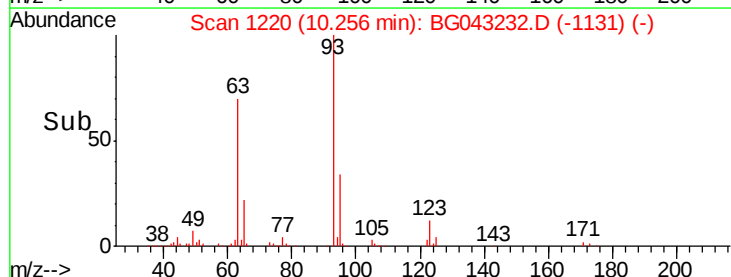
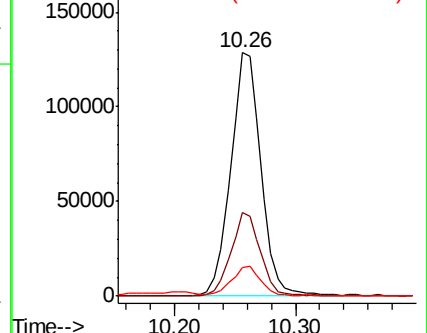
123 12.0 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.847 ng

RT: 10.51 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

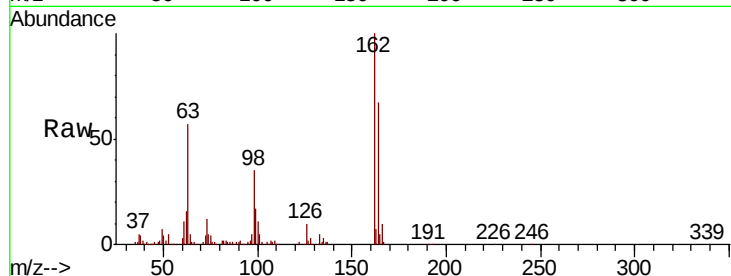
Tot Ion:162 Resp: 197815

Ion Ratio Lower Upper

162 100

164 67.0 44.7 84.7

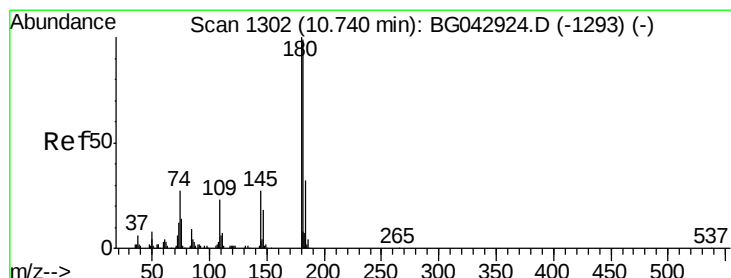
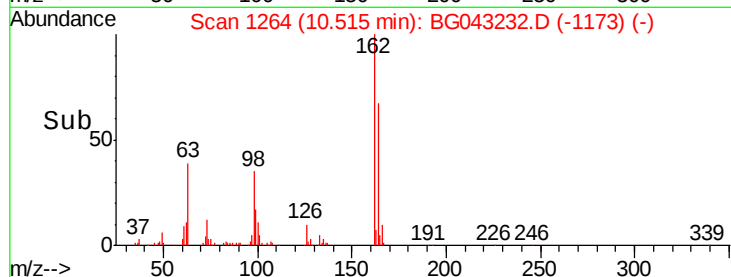
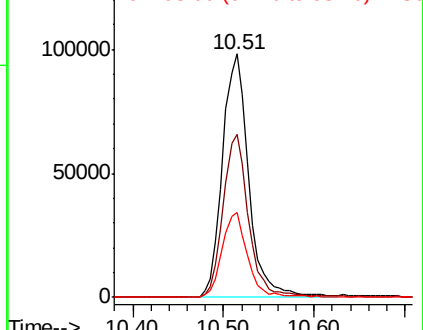
98 35.0 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.055 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

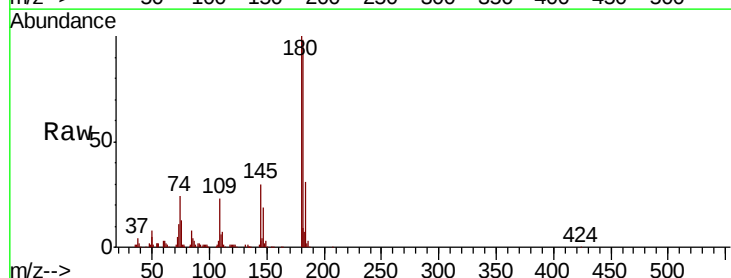
Tgt Ion:180 Resp: 245014

Ion Ratio Lower Upper

180 100

182 98.4 79.3 118.9

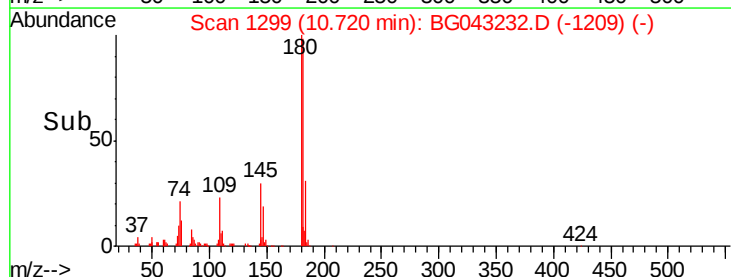
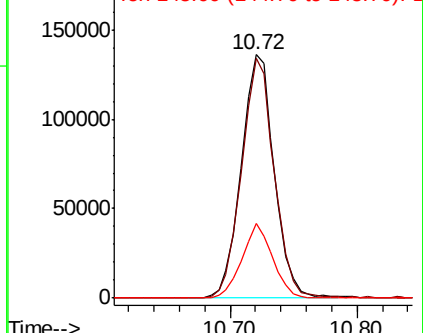
145 30.5 22.0 33.0

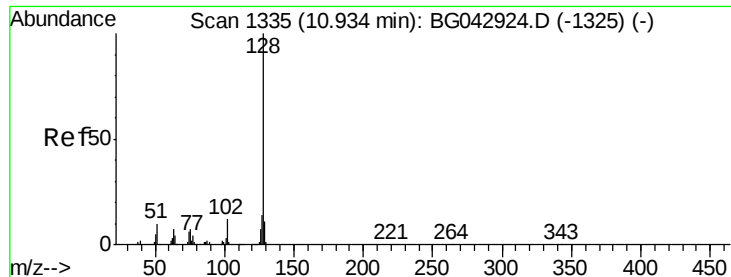


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

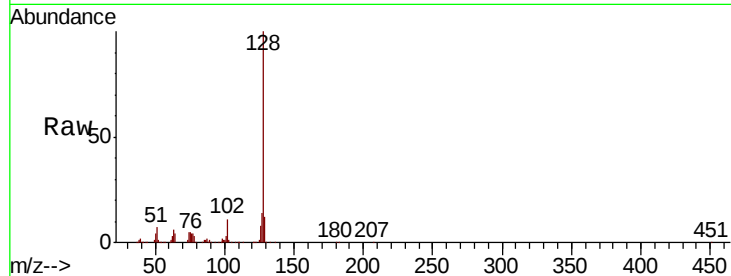




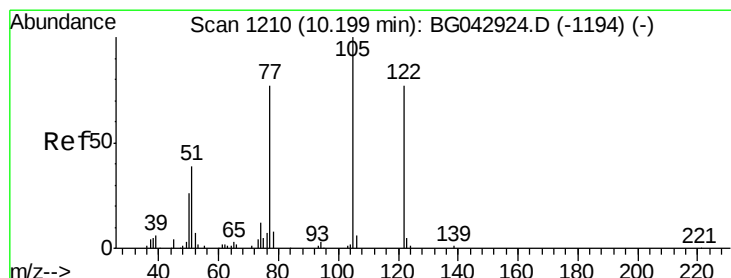
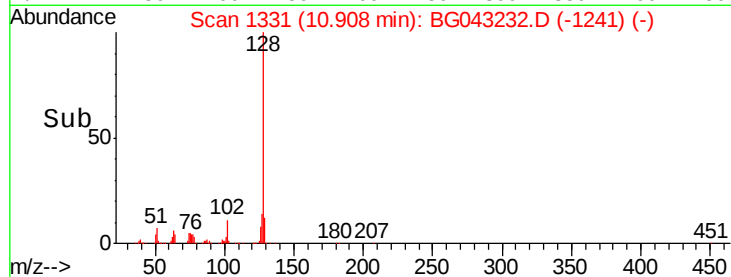
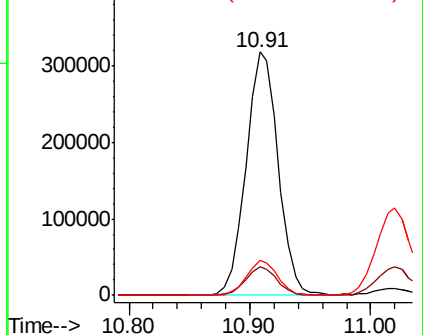
#31
Naphthalene
Concen: 42.199 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 587354
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.3 11.3 16.9

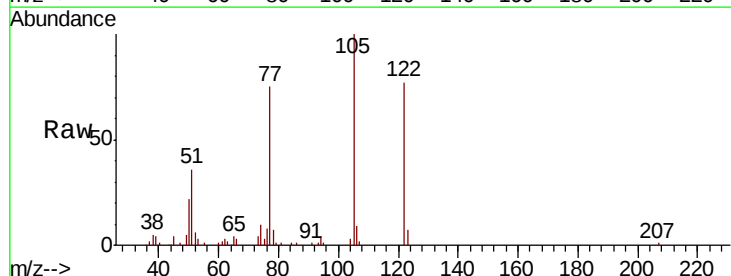


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

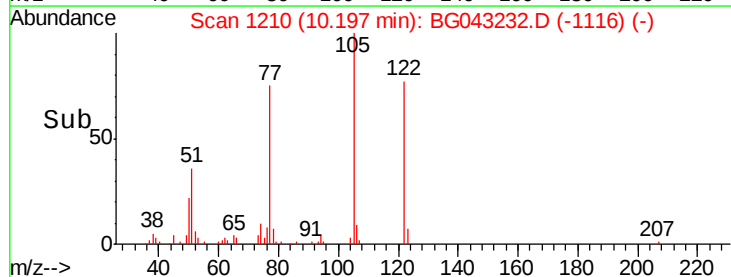
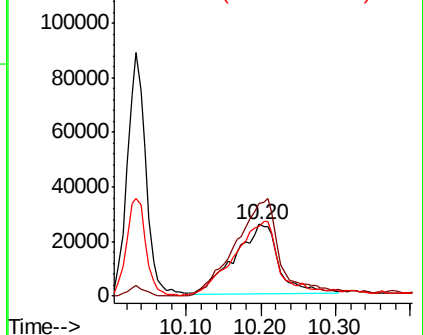


#32
Benzoic acid
Concen: 39.011 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion:122 Resp: 105555
Ion Ratio Lower Upper
122 100
105 129.3 107.5 147.5
77 97.2 79.8 119.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

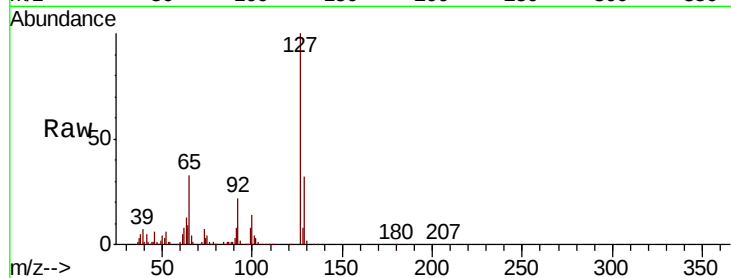




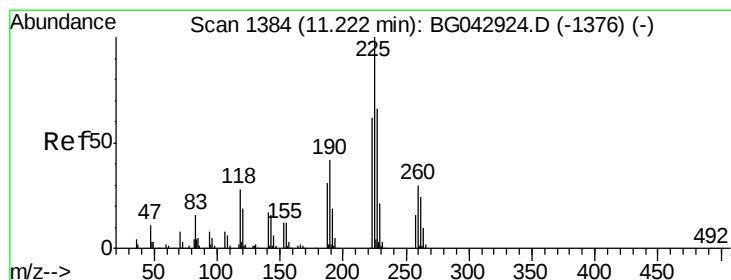
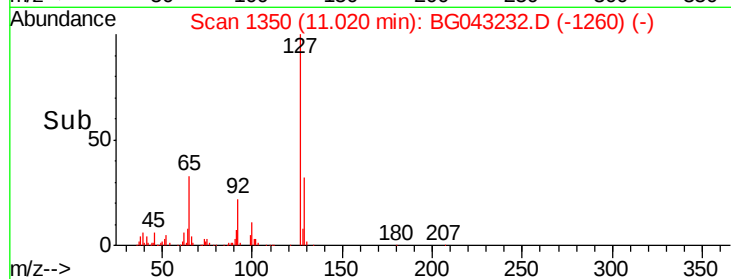
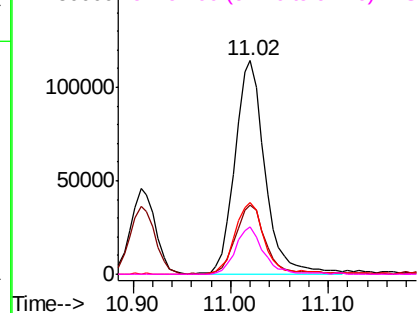
#33
4-Chloroaniline
Concen: 40.098 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	242178
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.2 39.2
65	33.4	30.6 45.8
92	22.2	16.2 24.4

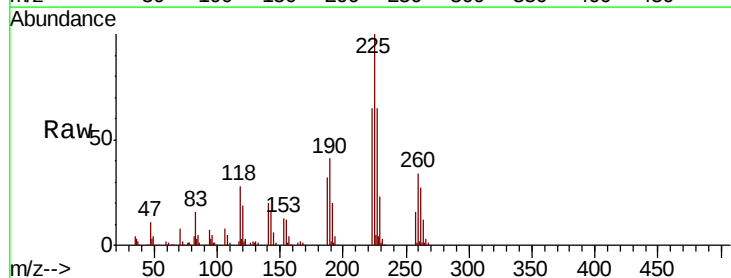


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

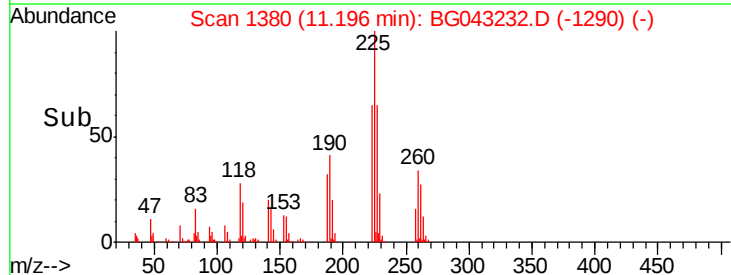
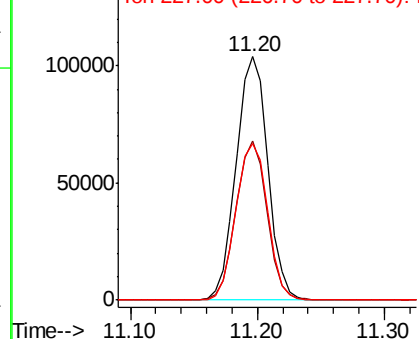


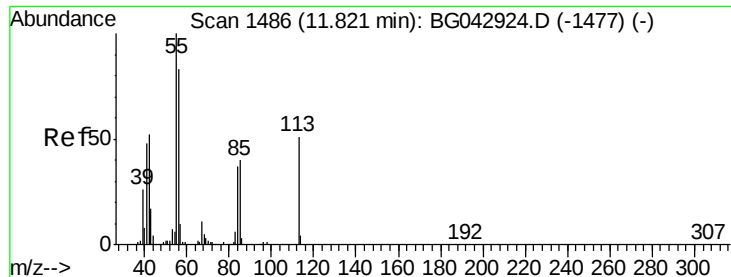
#34
Hexachlorobutadiene
Concen: 41.109 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion:225	Resp:	179329
Ion Ratio	Lower	Upper
225	100	
223	65.3	49.3 73.9
227	64.5	52.8 79.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.581 ng

RT: 11.81 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

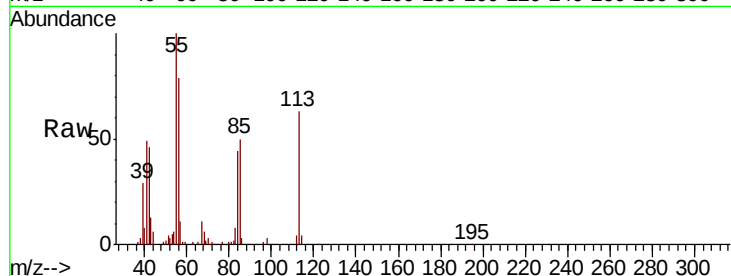
Tot Ion:113 Resp: 61382

Ion Ratio Lower Upper

113 100

55 159.7 175.5 215.5#

56 125.5 142.3 182.3#

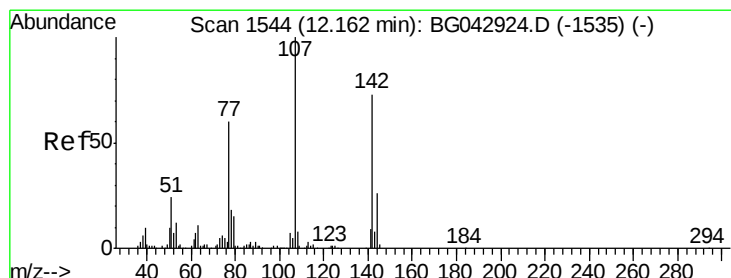
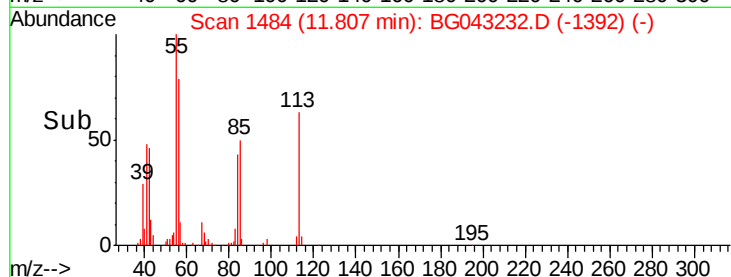
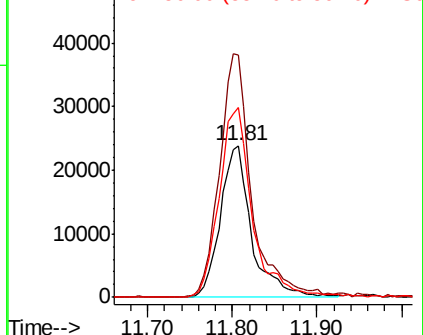


Abundance

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: 40.805 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

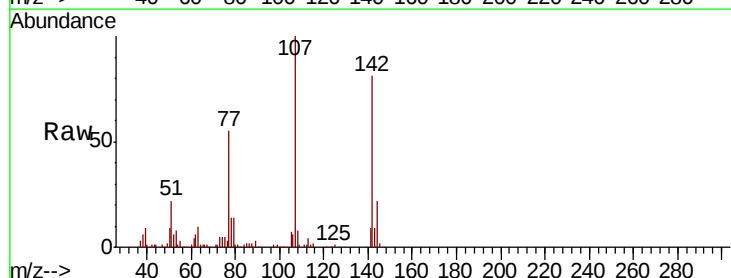
Tgt Ion:107 Resp: 200160

Ion Ratio Lower Upper

107 100

144 22.0 20.7 31.1

142 80.5 58.6 87.8

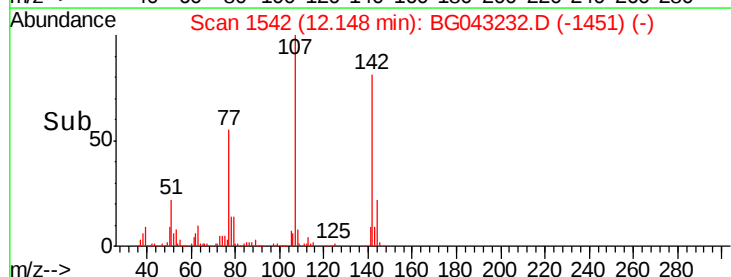
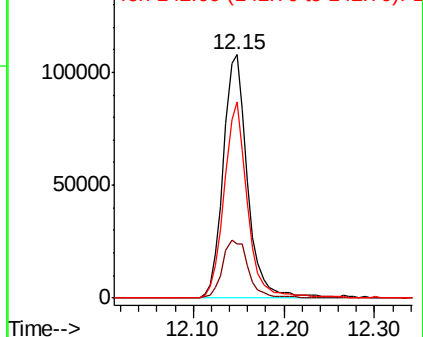


Abundance

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

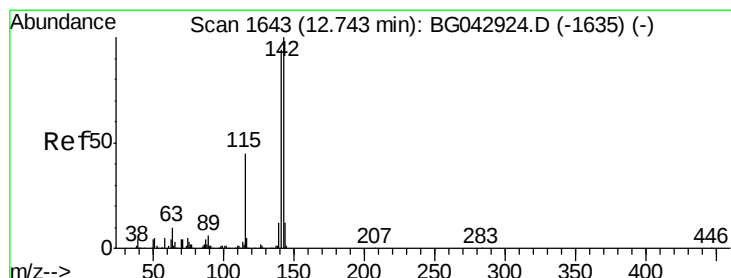
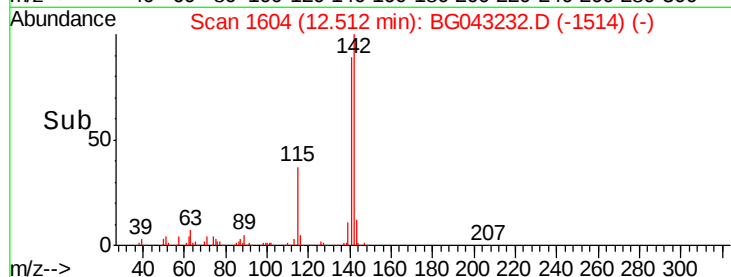
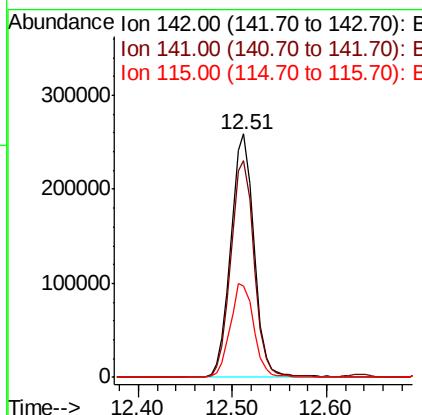
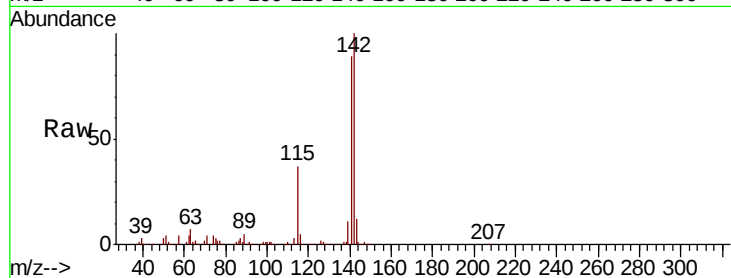




#37
2-Methylnaphthalene
Concen: 42.098 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

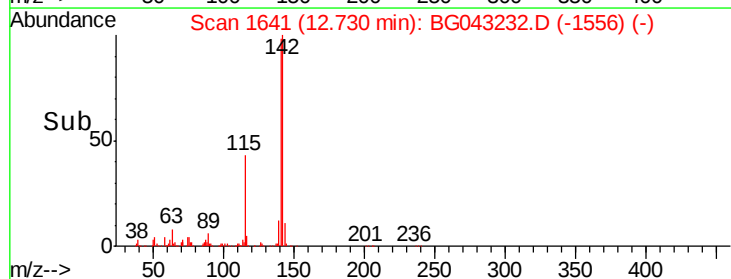
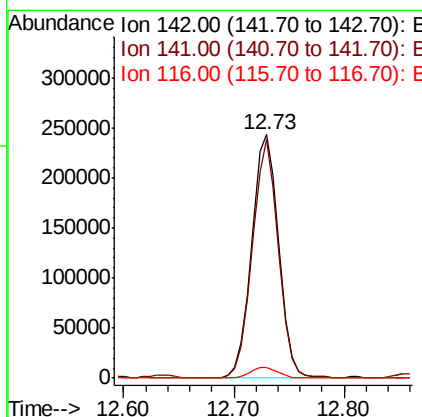
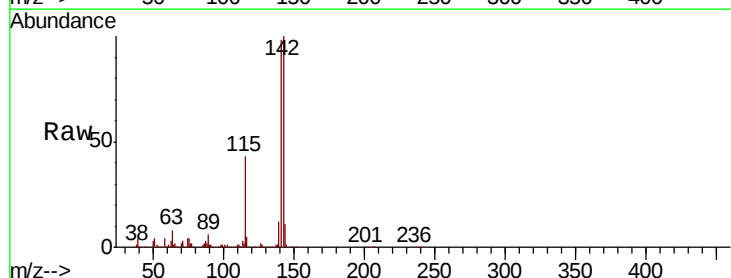
Instrument :
BNA_G
ClientSampleId :

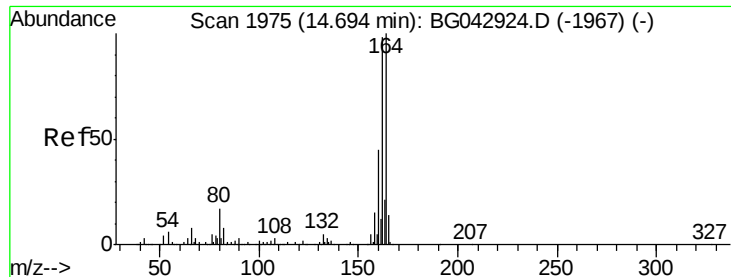
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.0	103.4
115	37.5	32.8	49.2



#38
1-Methylnaphthalene
Concen: 41.278 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.7	74.9	112.3
116	4.5	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

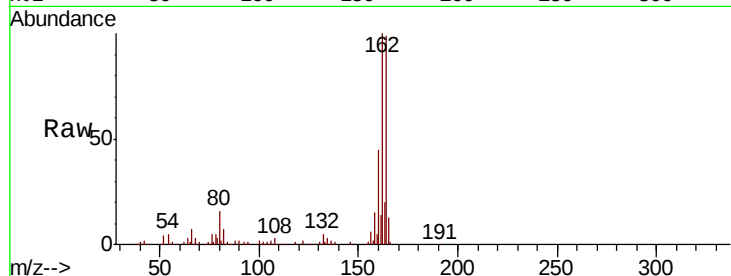
Tot Ion:164 Resp: 193789

Ion Ratio Lower Upper

164 100

162 100.7 78.5 117.7

160 45.6 35.9 53.9

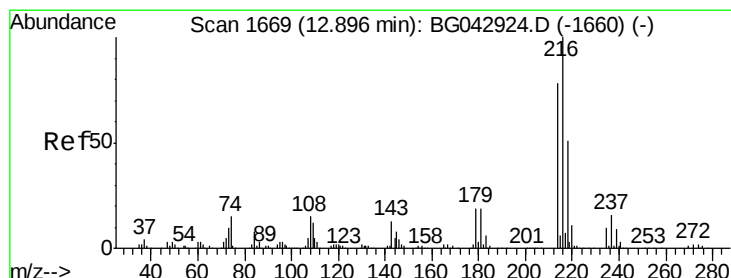
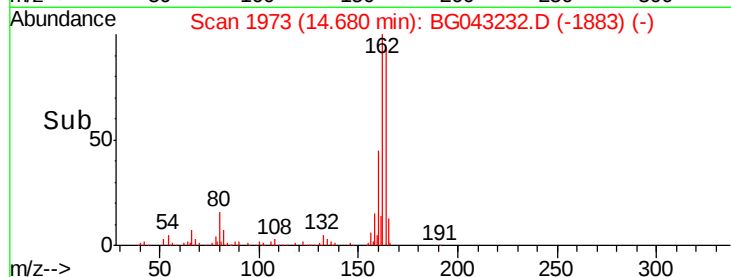
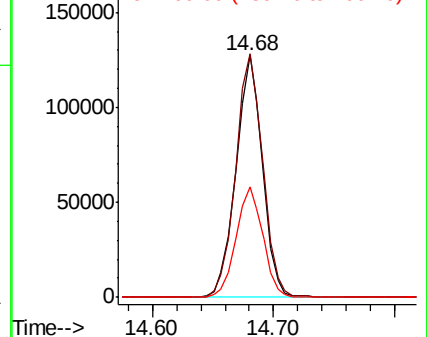


Abundance

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: 46.455 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Tgt Ion:216 Resp: 338484

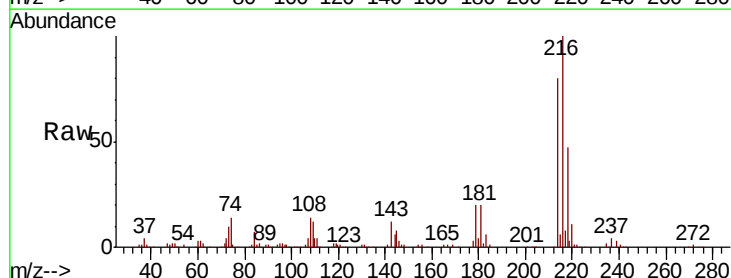
Ion Ratio Lower Upper

216 100

214 78.5 62.4 93.6

179 20.0 15.4 23.2

108 13.6 12.6 19.0



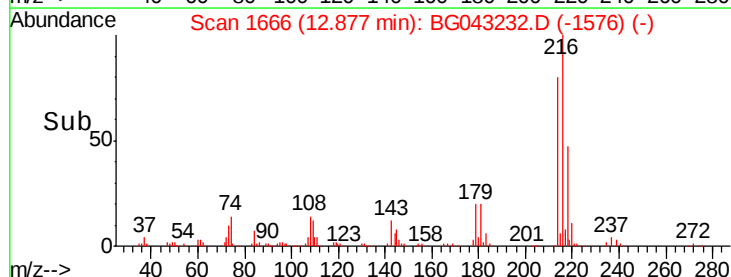
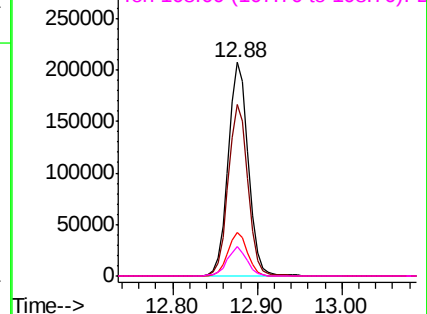
Abundance

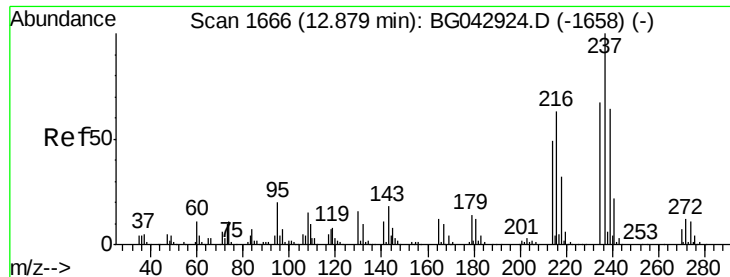
Ion 216.00 (215.70 to 216.70): E

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: 14.776 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

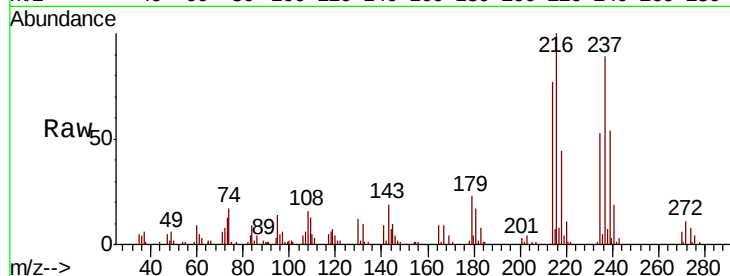
Tot Ion:237 Resp: 68597

Ion Ratio Lower Upper

237 100

235 59.2 46.7 86.7

272 12.0 0.0 32.3

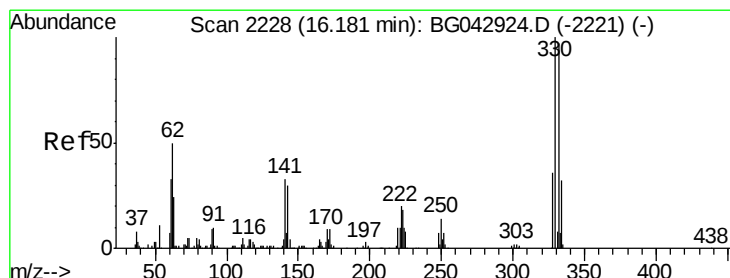
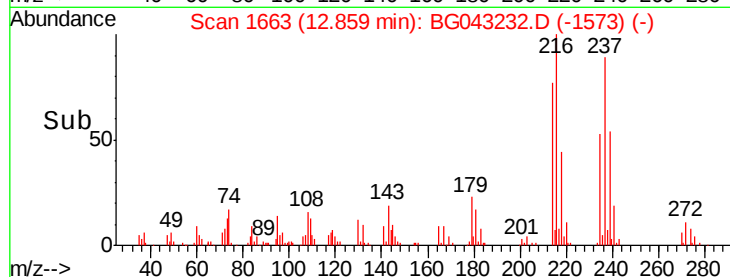
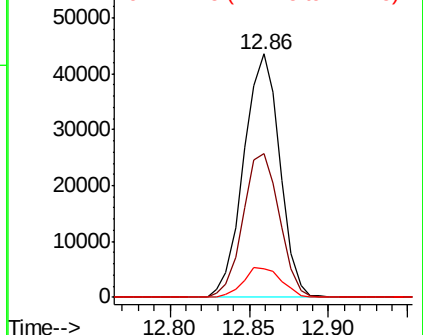


Abundance

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: 86.237 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

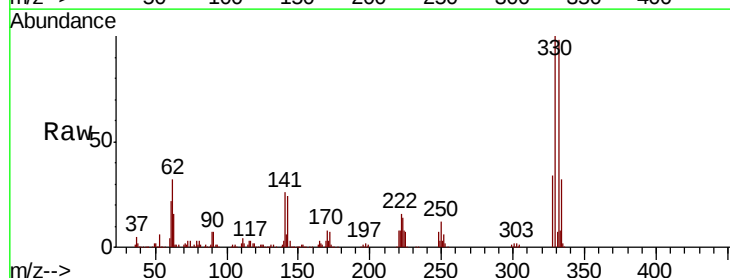
Tgt Ion:330 Resp: 287371

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.2

141 27.1 26.0 39.0

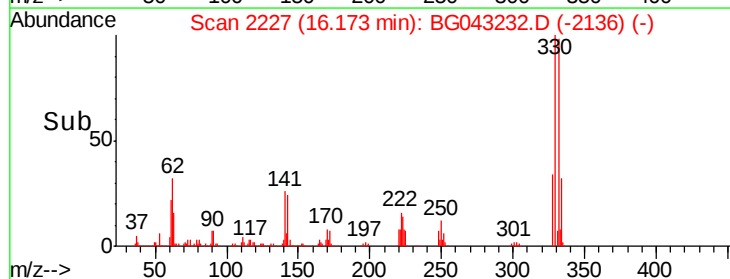
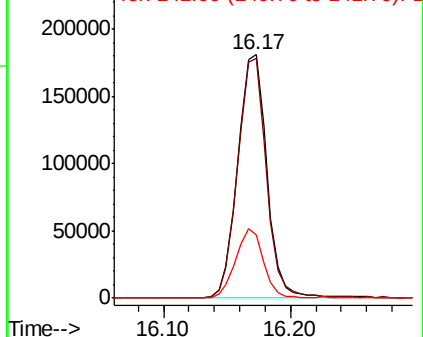


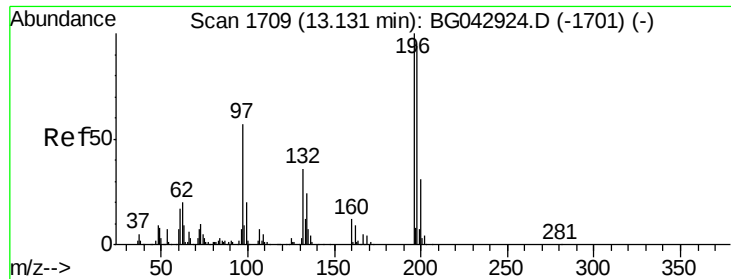
Abundance

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

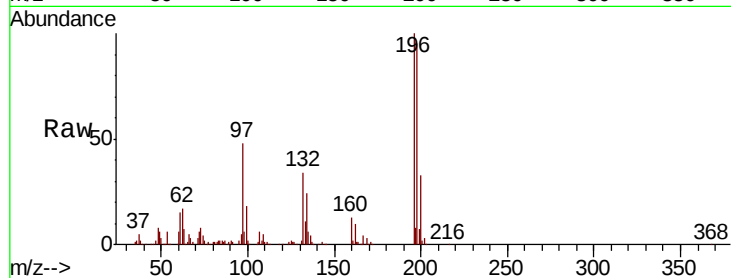




#43
 2,4,6-Trichlorophenol
 Concen: 43.094 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	183785
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.5	113.3
200	32.9	24.9	37.3

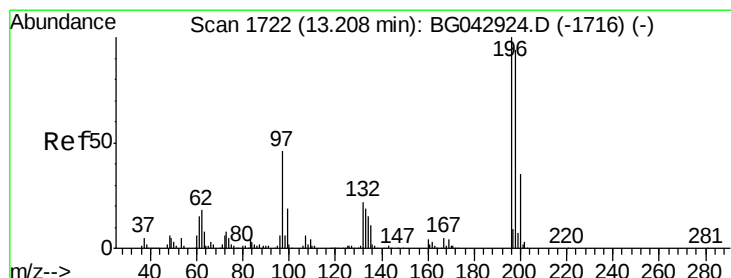
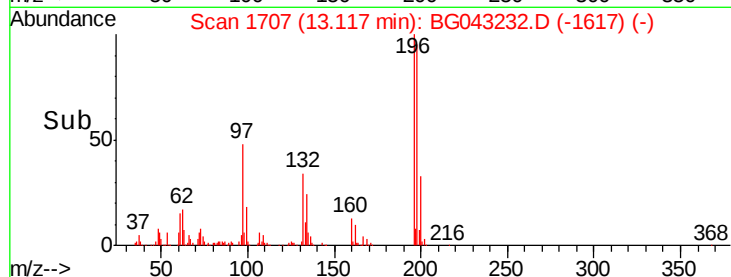
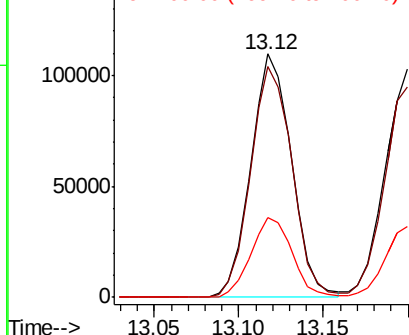


Abundance

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: 42.463 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Tgt Ion	196	Resp	186555
Ion Ratio	Lower	Upper	
196	100		
198	92.3	75.1	112.7
97	42.8	37.0	55.4
132	20.5	17.5	26.3

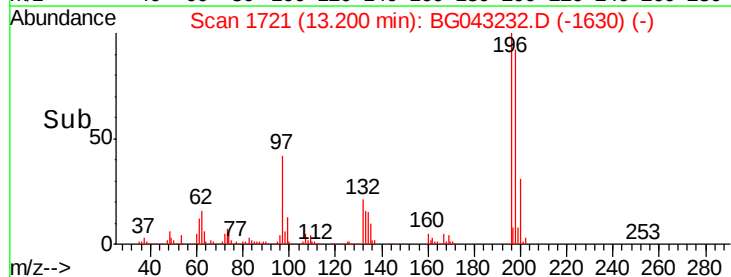
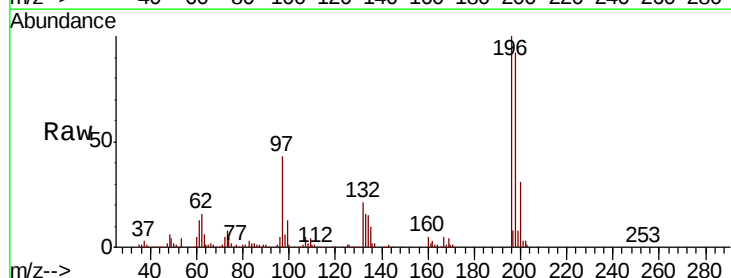
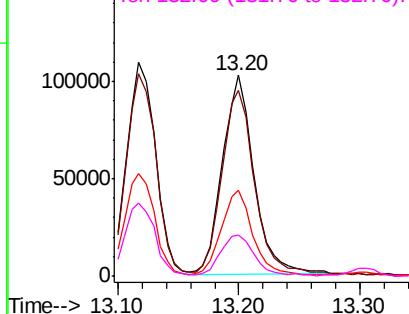
Abundance

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

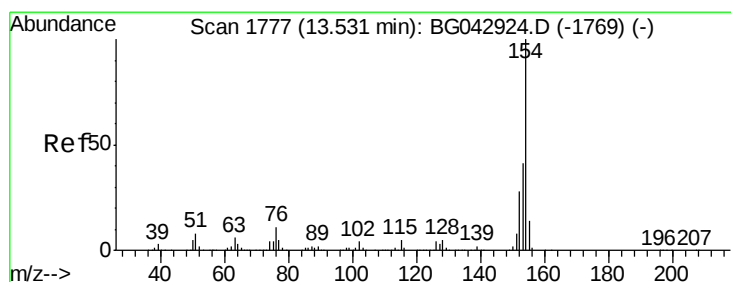
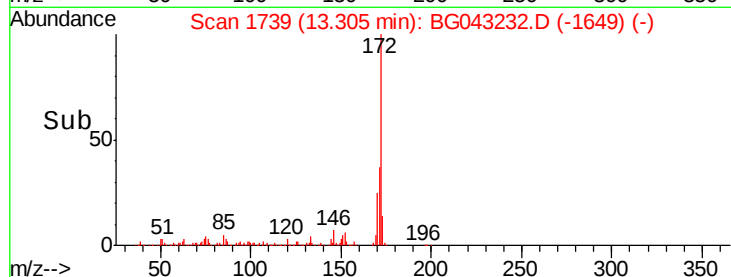
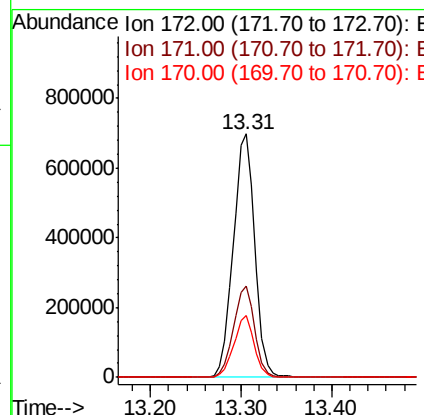
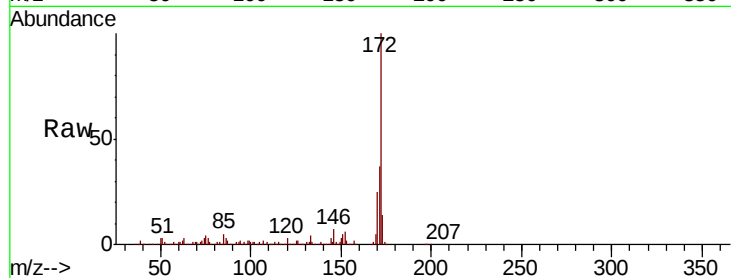




#45
2-Fluorobiphenyl
Concen: 86.381 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

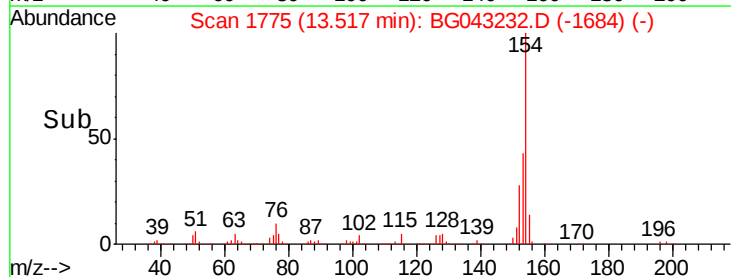
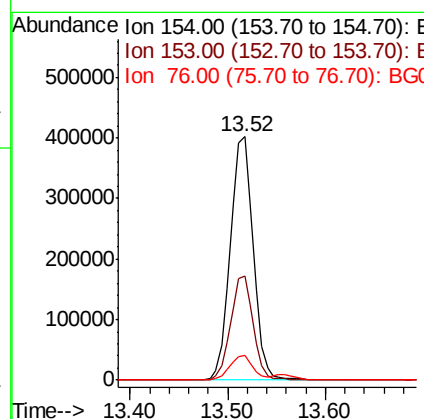
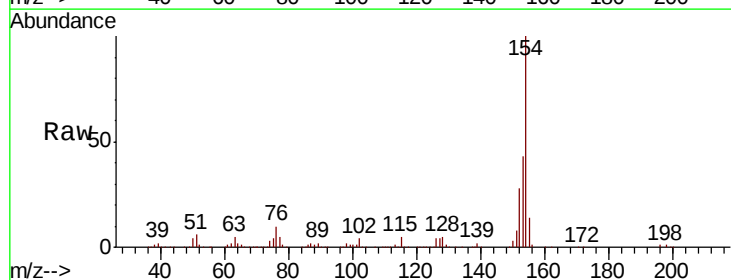
Instrument :
BNA_G
ClientSampleId :

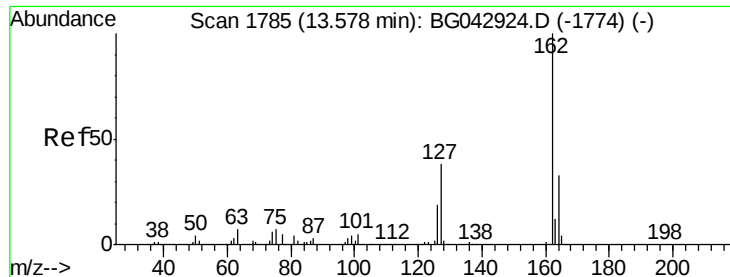
Tot Ion:172 Resp: 1154697
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 25.5 19.6 29.4



#46
1,1'-Biphenyl
Concen: 44.678 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion:154 Resp: 656583
Ion Ratio Lower Upper
154 100
153 43.0 21.4 61.4
76 10.3 0.0 31.3

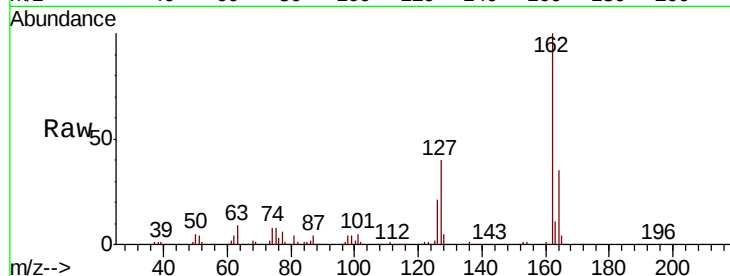




#47
2-Chloronaphthalene
Concen: 43.068 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.0	46.6
164	34.5	26.2	39.2

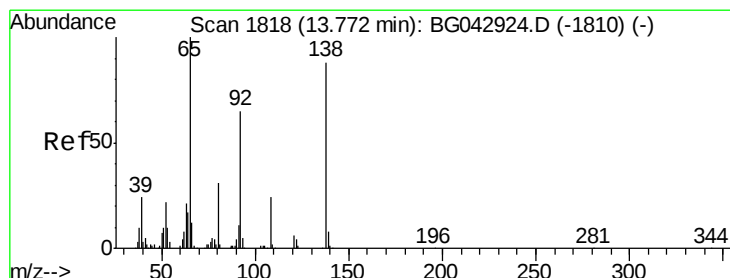
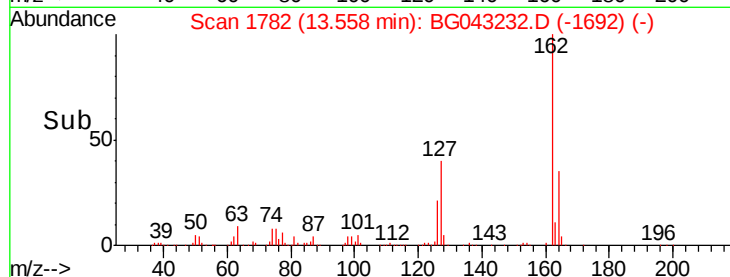
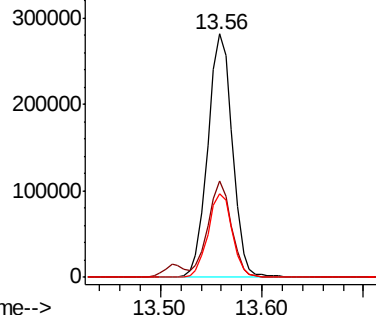


Abundance

Ion 162.00 (161.70 to 162.70): E

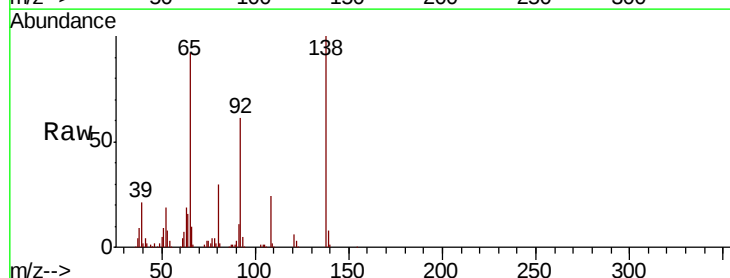
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.326 ng
RT: 13.76 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	52.0	78.0
138	109.2	70.4	105.6

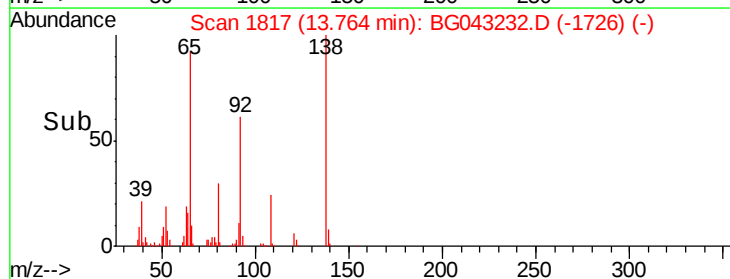
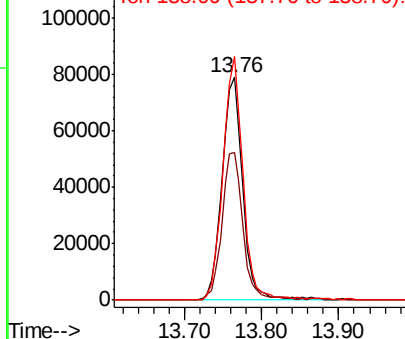


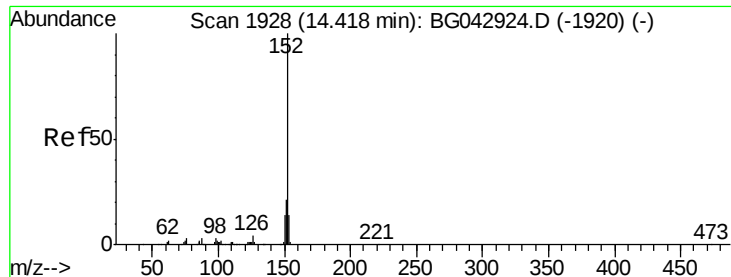
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.524 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

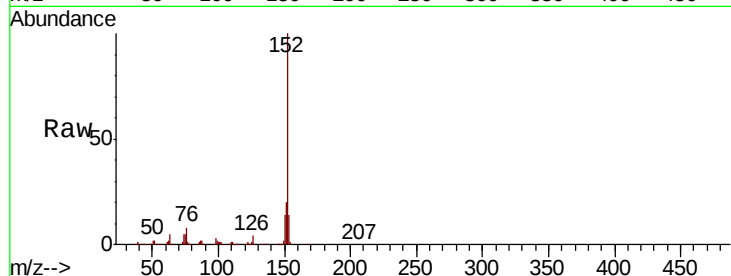
Tot Ion:152 Resp: 716930

Ion Ratio Lower Upper

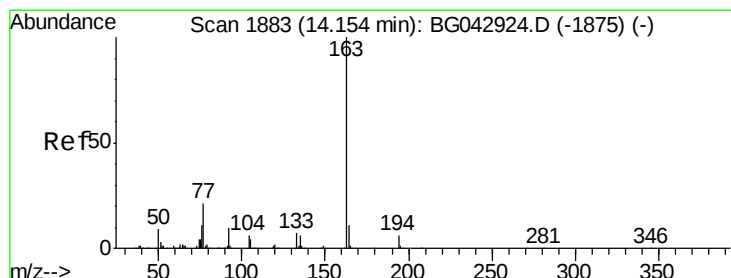
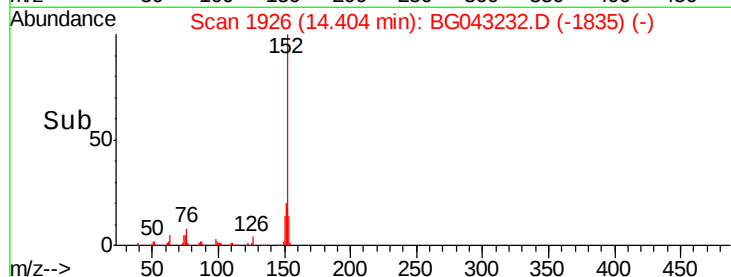
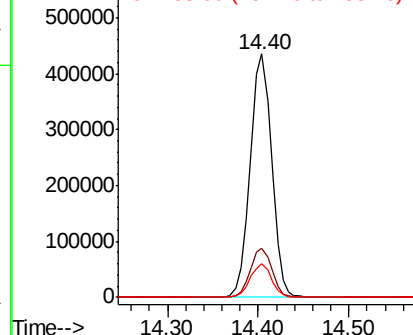
152 100

151 20.1 16.8 25.2

153 13.7 11.3 16.9



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: 40.257 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

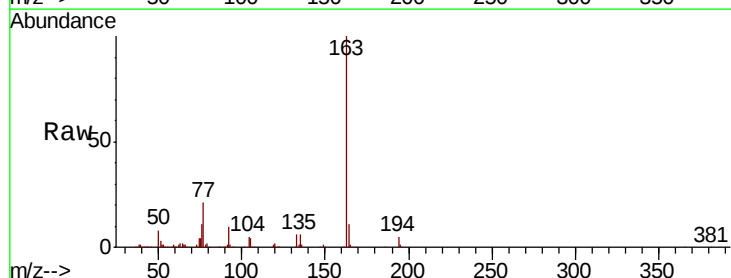
Tgt Ion:163 Resp: 584532

Ion Ratio Lower Upper

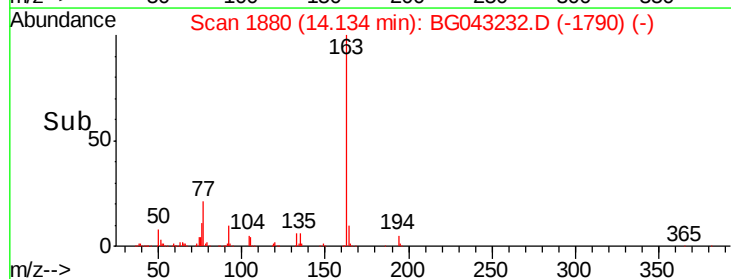
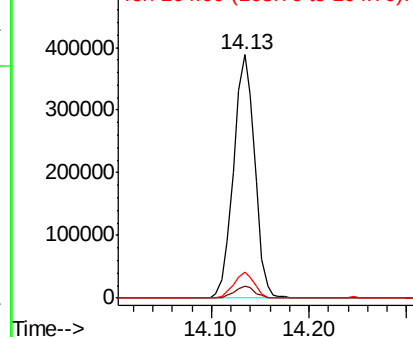
163 100

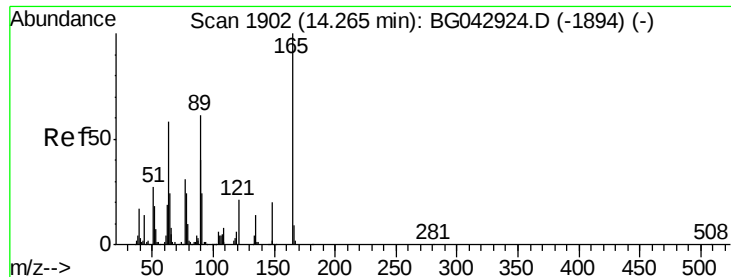
194 4.8 4.4 6.6

164 10.7 8.6 12.8



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: 41.977 ng

RT: 14.25 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

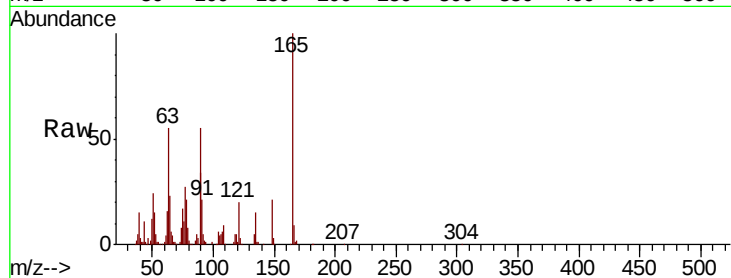
Tot Ion:165 Resp: 129798

Ion Ratio Lower Upper

165 100

63 55.4 50.3 75.5

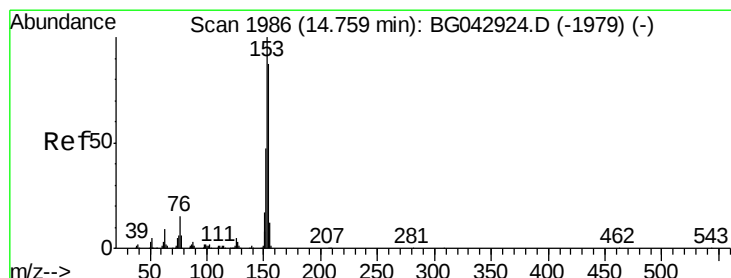
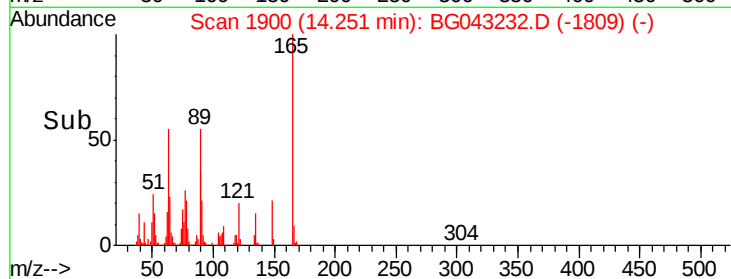
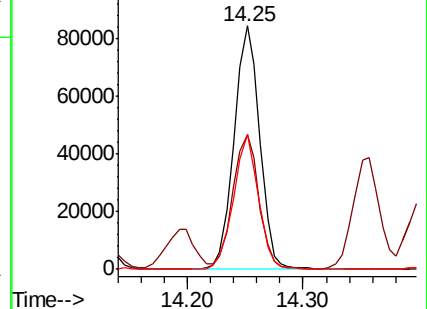
89 55.1 48.9 73.3



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: 39.668 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

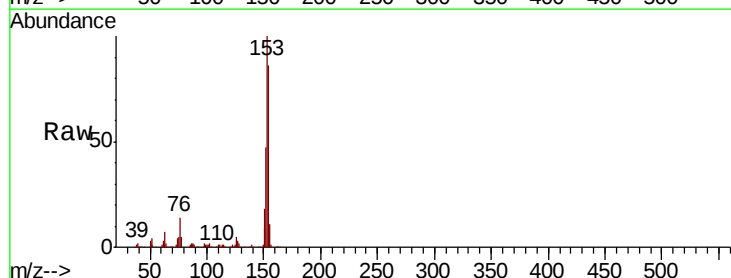
Tgt Ion:154 Resp: 447647

Ion Ratio Lower Upper

154 100

153 115.6 91.4 137.0

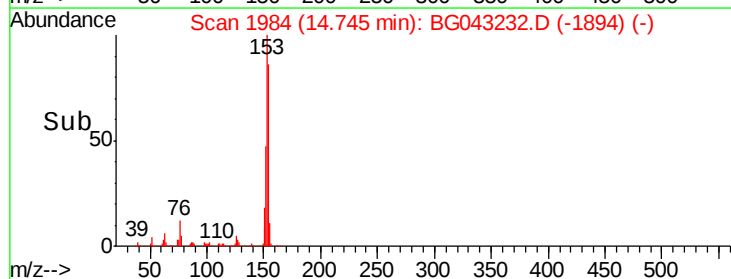
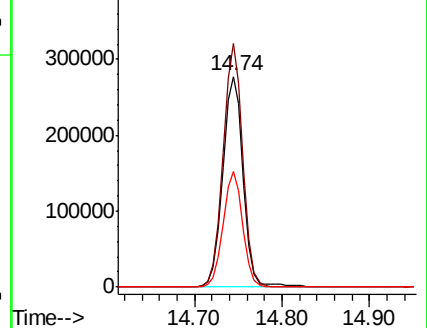
152 54.8 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.164 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

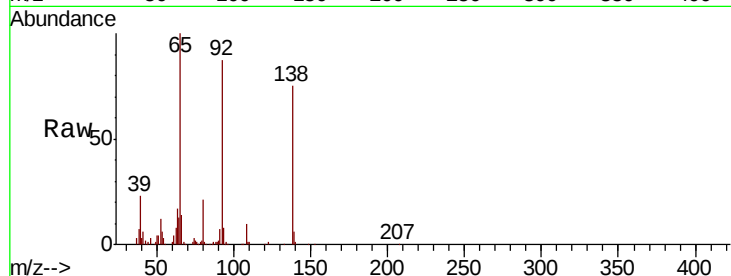
Tot Ion:138 Resp: 128345

Ion Ratio Lower Upper

138 100

108 12.6 7.9 11.9#

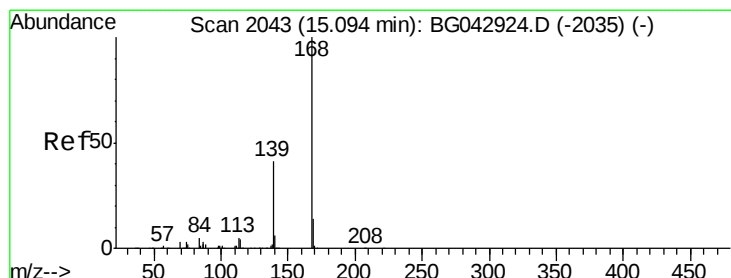
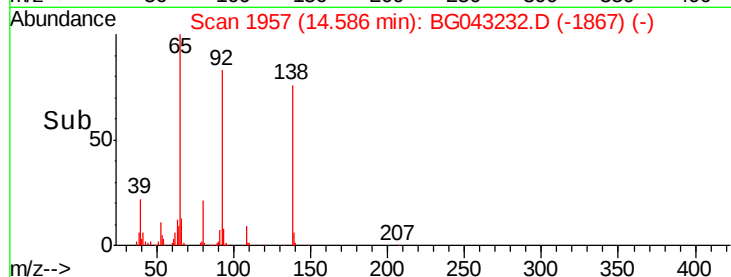
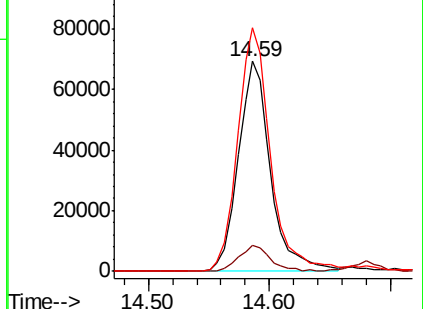
92 115.8 97.0 145.6



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



#55

Dibenzofuran

Concen: 41.585 ng

RT: 15.08 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

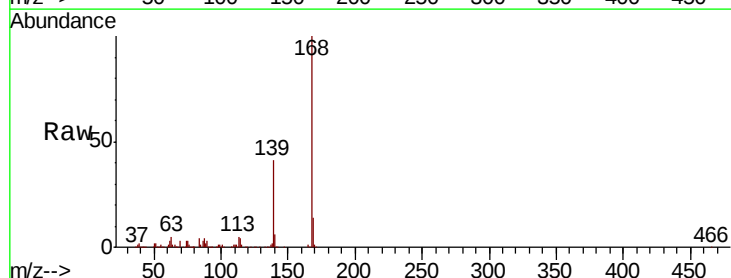
Tgt Ion:168 Resp: 694210

Ion Ratio Lower Upper

168 100

139 40.9 32.6 48.8

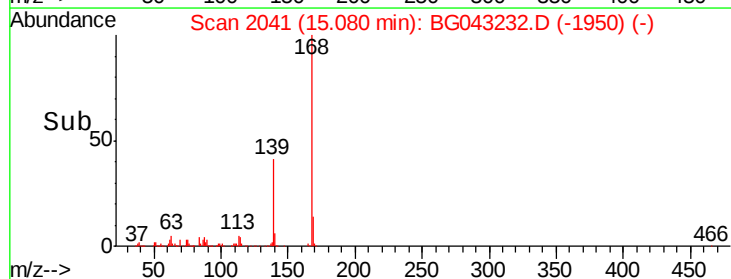
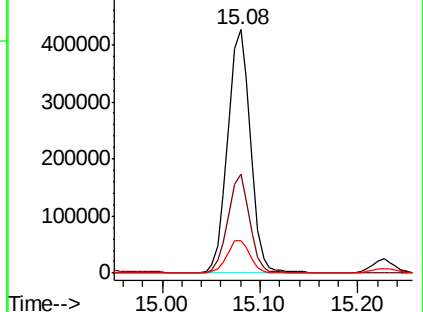
169 13.6 11.2 16.8

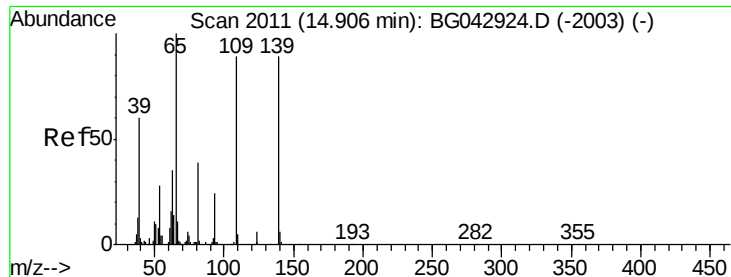


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 35.313 ng

RT: 14.91 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

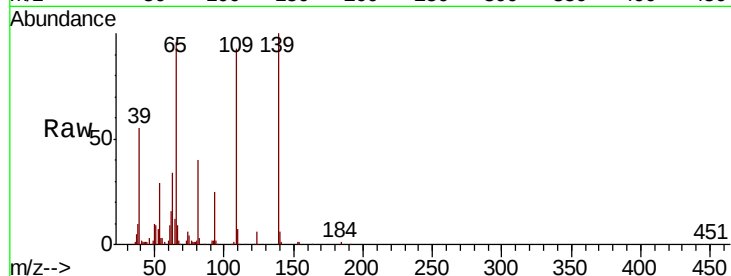
Instrument :

BNA_G

ClientSampleId :

Tot Ion:139 Resp: 85979

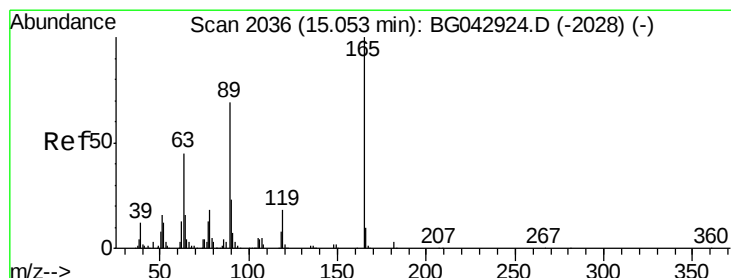
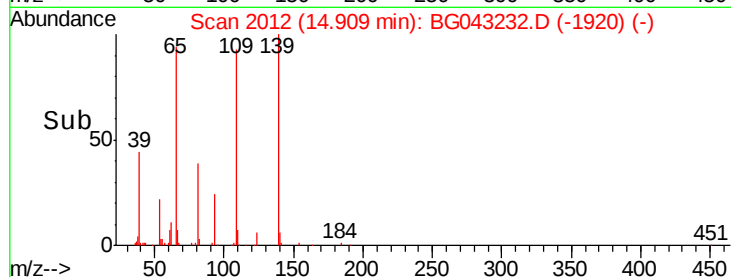
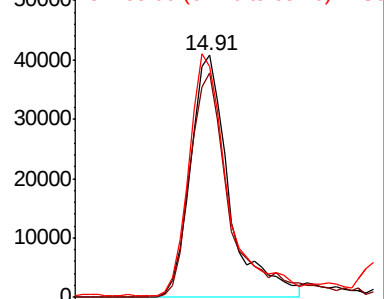
Ion	Ratio	Lower	Upper
139	100		
109	92.8	79.4	119.4
65	95.5	92.5	132.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 40.433 ng

RT: 15.04 min Scan# 2034

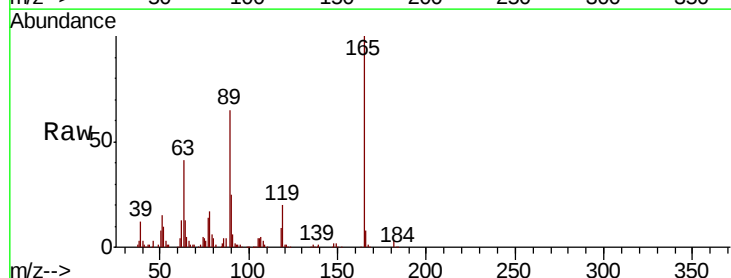
Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Tgt Ion:165 Resp: 183085

Ion	Ratio	Lower	Upper
165	100		
63	41.4	36.5	54.7
89	64.5	55.5	83.3
182	3.2	2.4	3.6

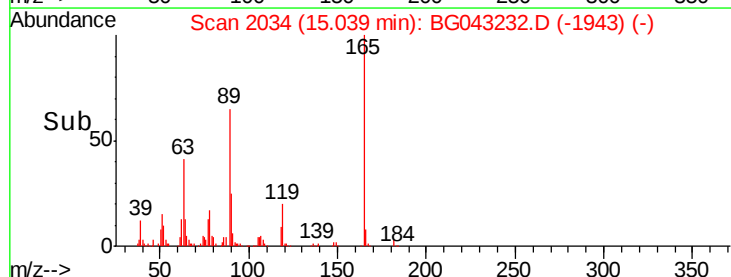
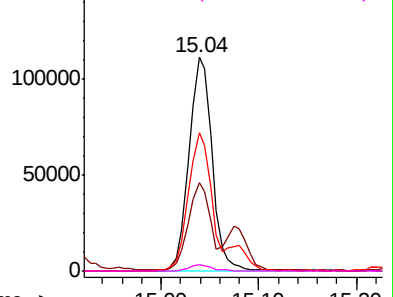


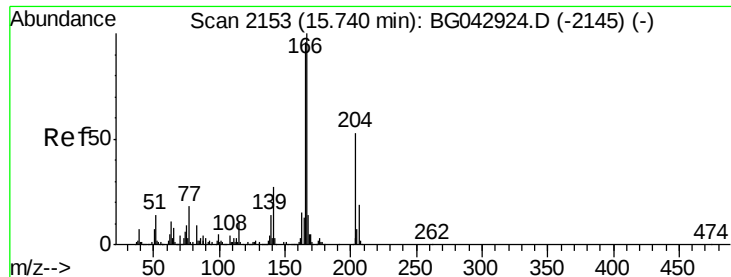
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 40.687 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

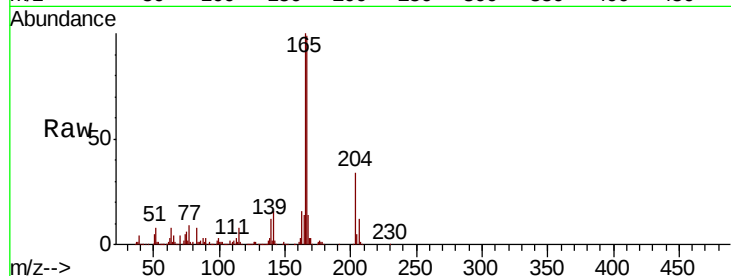
Tot Ion:166 Resp: 579884

Ion Ratio Lower Upper

166 100

165 101.5 77.1 115.7

167 14.1 11.0 16.6

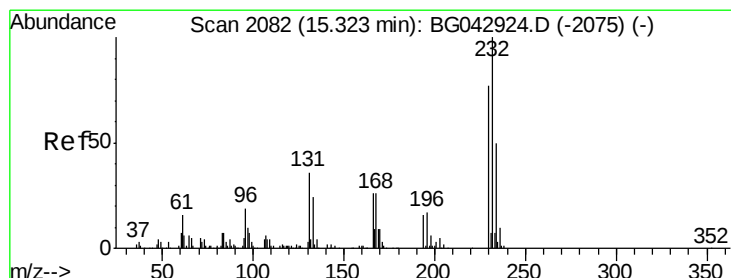
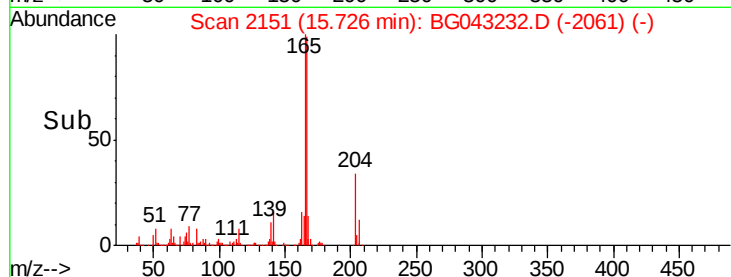
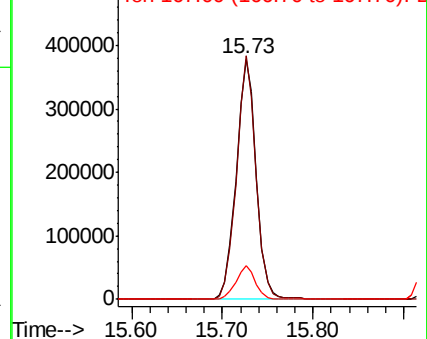


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 39.384 ng

RT: 15.31 min Scan# 2080

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Tgt Ion:232 Resp: 184230

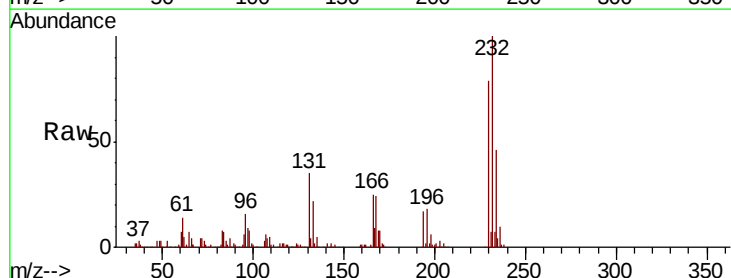
Ion Ratio Lower Upper

232 100

131 35.7 29.6 44.4

130 0.7 1.9 2.9#

166 25.9 21.8 32.8



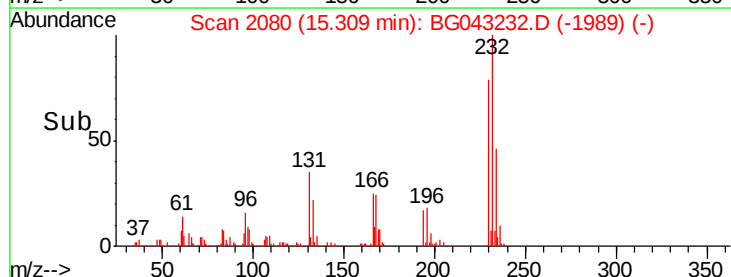
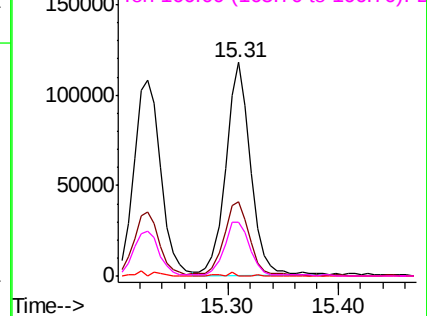
Abundance

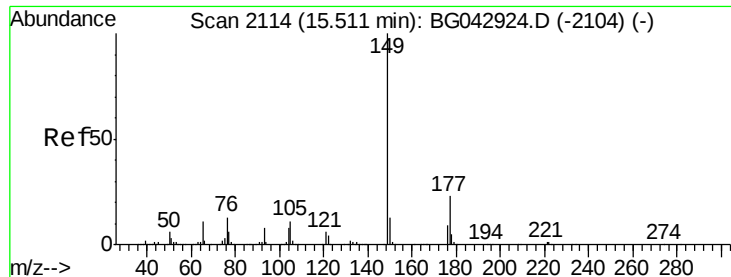
Ion 232.00 (231.70 to 232.70): E

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

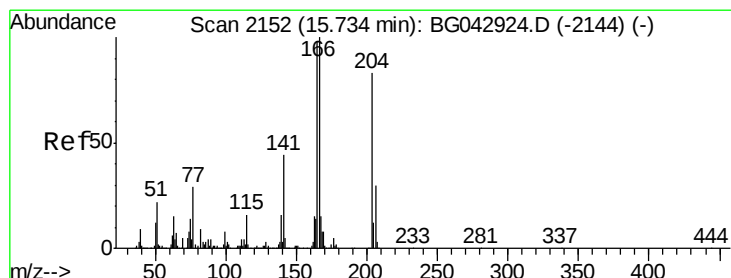
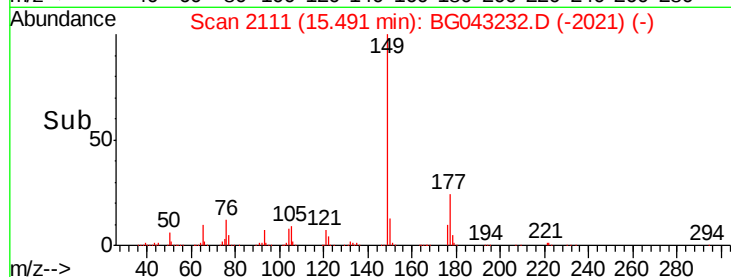
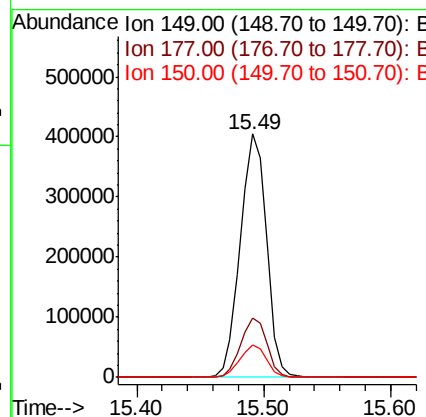
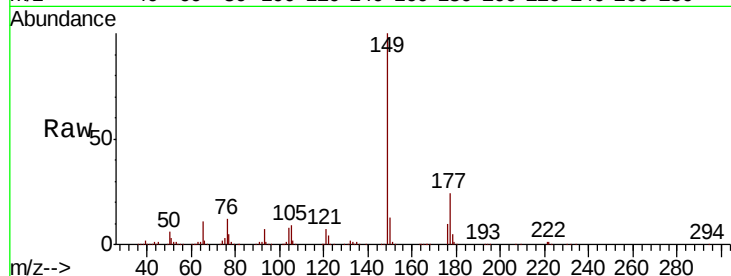




#60
Diethylphthalate
Concen: 39.062 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

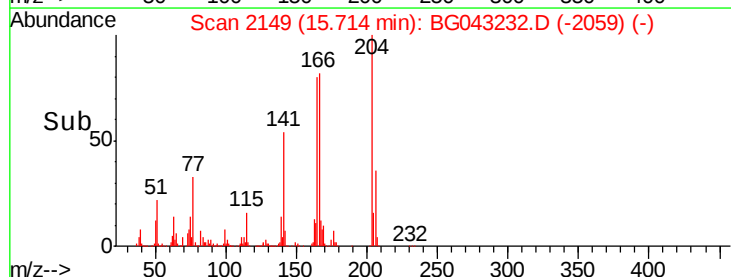
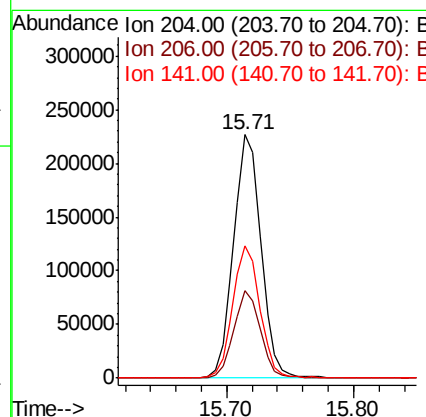
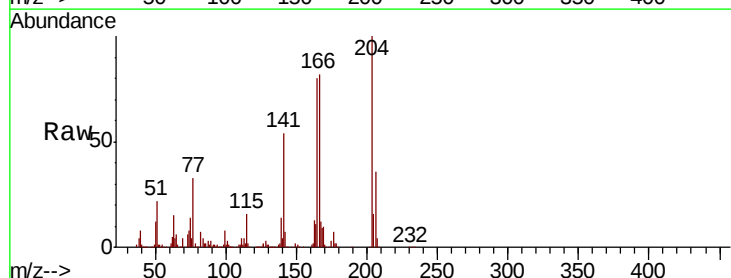
Instrument :
BNA_G
ClientSampleId :

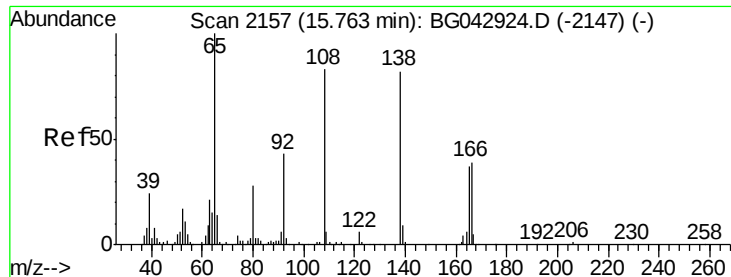
Tot Ion:149 Resp: 577218
Ion Ratio Lower Upper
149 100
177 24.3 18.8 28.2
150 13.3 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 39.599 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion:204 Resp: 338480
Ion Ratio Lower Upper
204 100
206 35.7 28.5 42.7
141 54.5 42.4 63.6





#62

4-Nitroaniline

Concen: 39.998 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

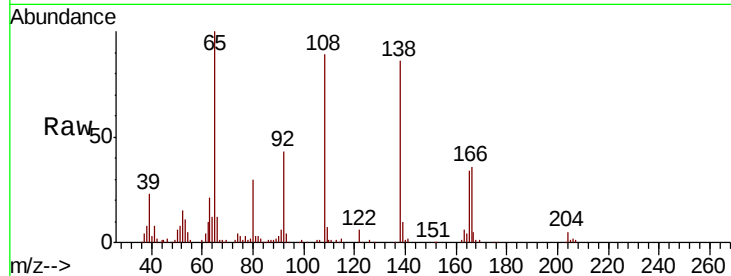
Tot Ion:138 Resp: 139397

Ion Ratio Lower Upper

138 100

92 50.3 32.9 72.9

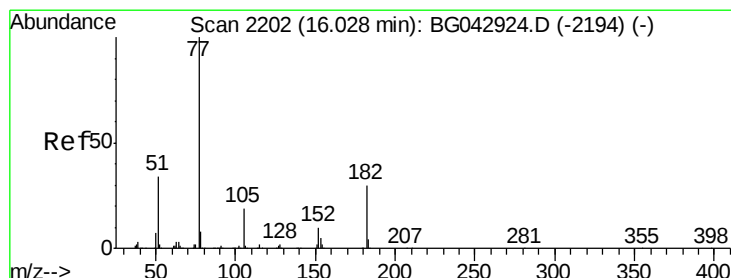
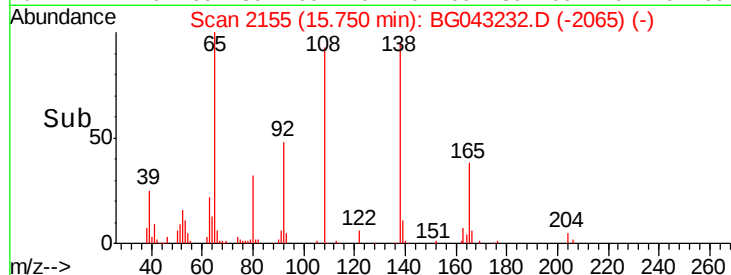
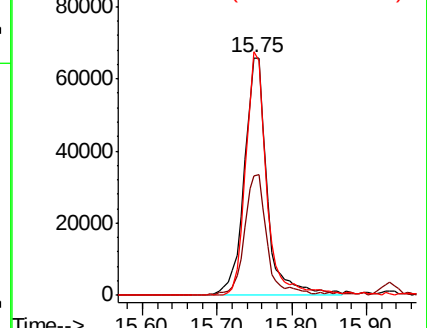
108 102.5 81.3 121.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 36.040 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Tgt Ion: 77 Resp: 484866

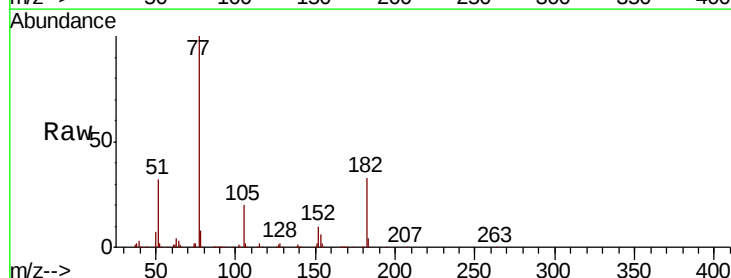
Ion Ratio Lower Upper

77 100

182 32.6 10.2 50.2

105 20.4 0.0 39.1

51 32.4 13.9 53.9

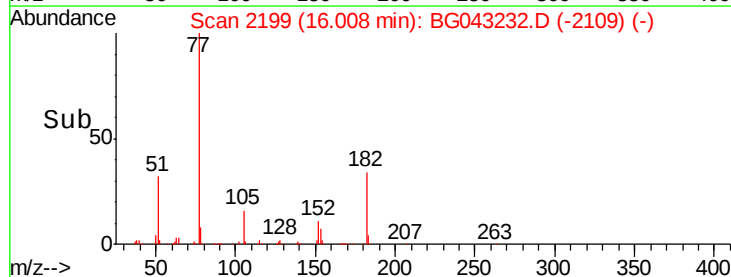
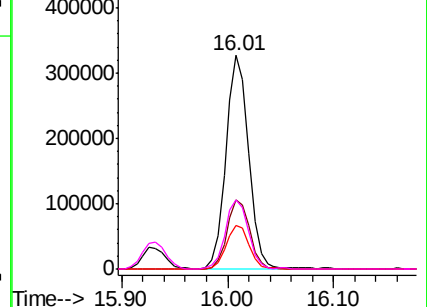


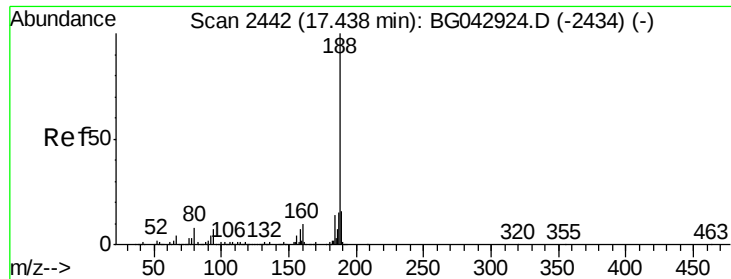
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

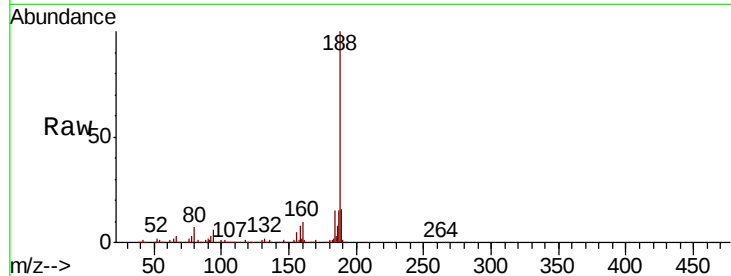
Tot Ion:188 Resp: 416198

Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

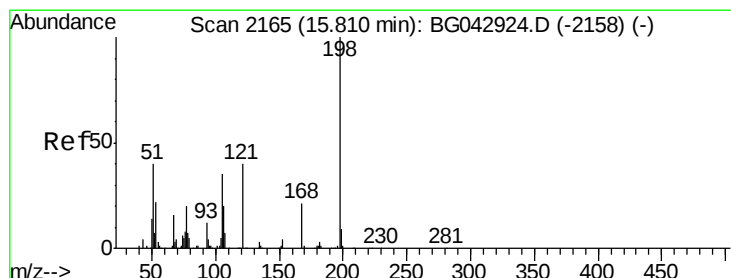
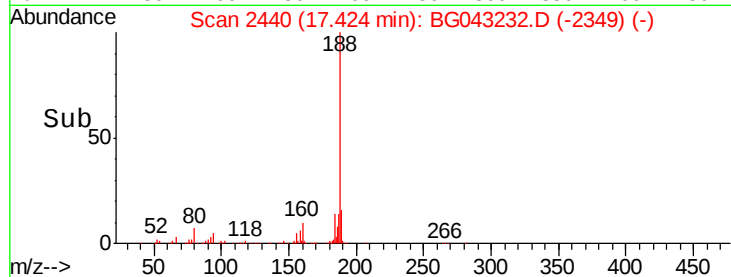
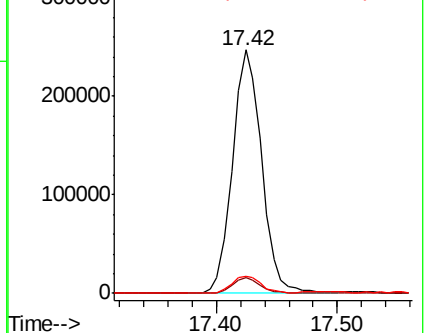
80 7.0 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.641 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

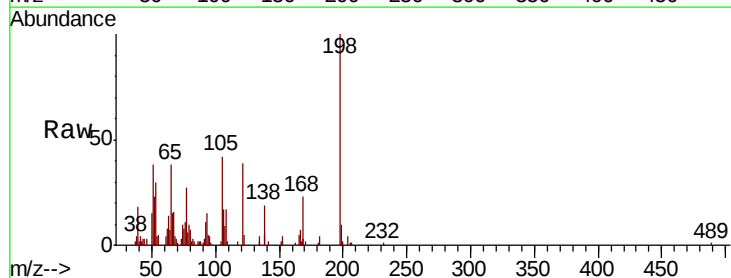
Tgt Ion:198 Resp: 20350

Ion Ratio Lower Upper

198 100

51 37.5 25.3 65.3

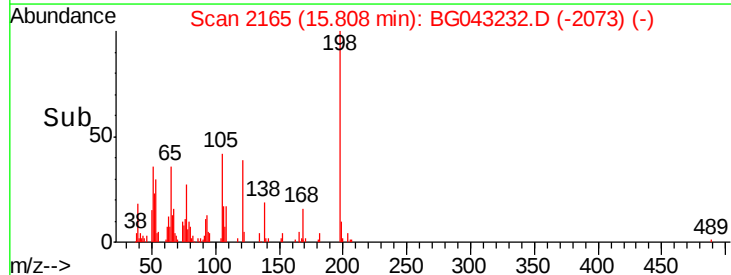
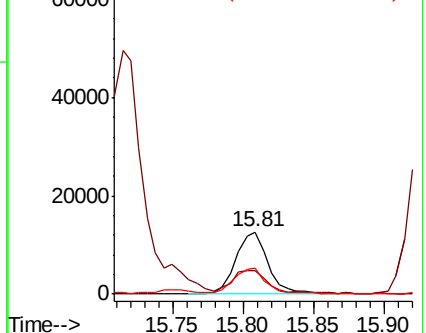
105 41.6 16.6 56.6

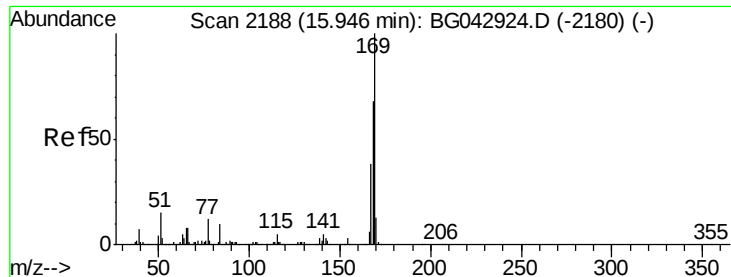


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

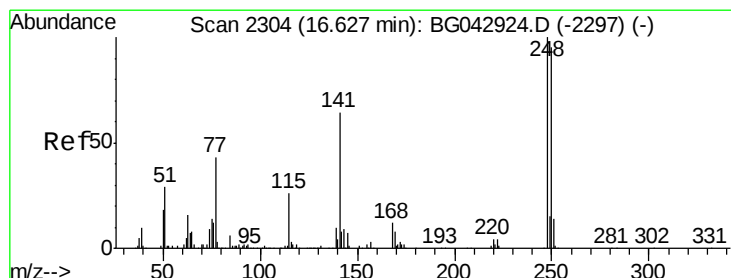
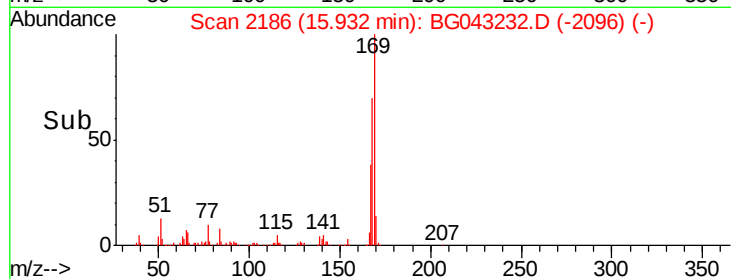
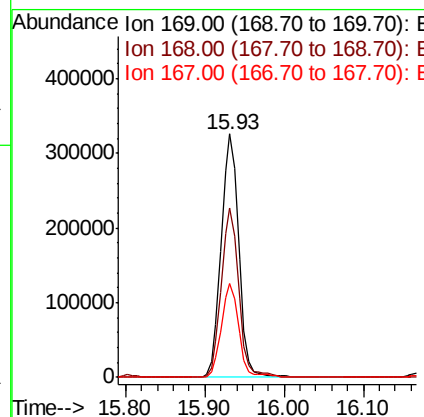
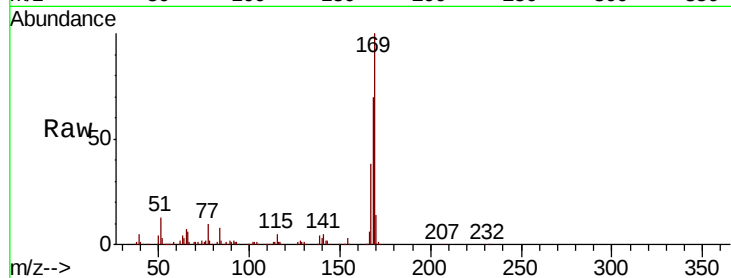




#66
 n-Nitrosodiphenylamine
 Concen: 45.649 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

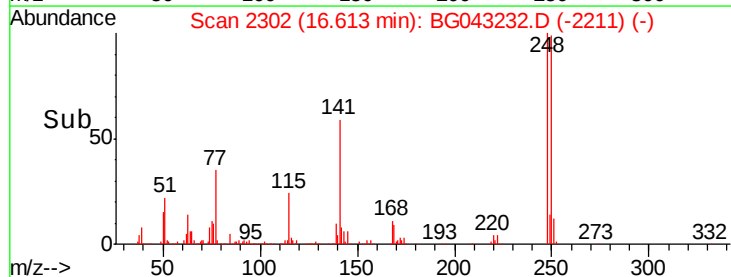
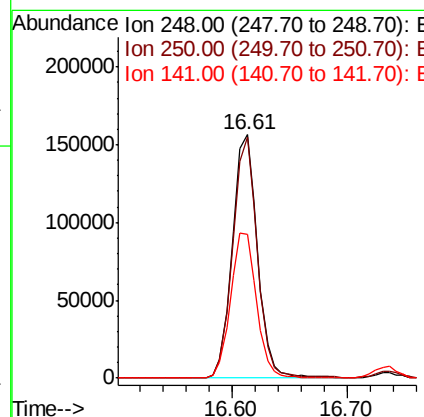
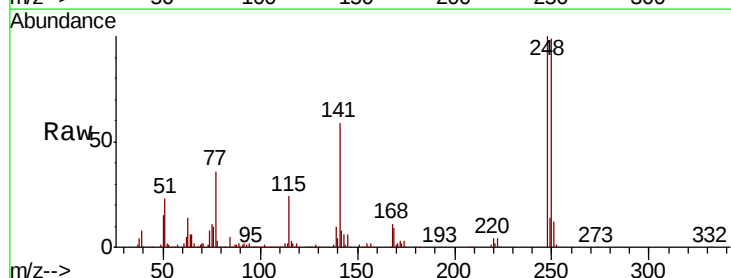
Instrument :
 BNA_G
 ClientSampleId :

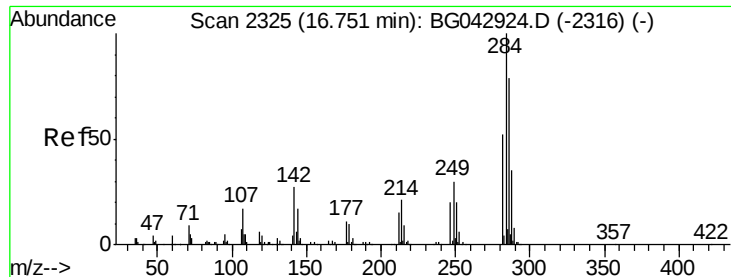
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.6	54.8	82.2
167	38.3	30.6	46.0



#67
 4-Bromophenyl-phenylether
 Concen: 45.268 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	75.8	113.8
141	58.8	51.1	76.7





#68

Hexachlorobenzene

Concen: 46.231 ng

RT: 16.74 min Scan# 2323

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

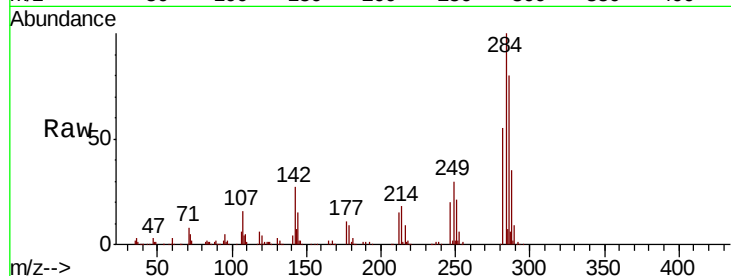
Tot Ion:284 Resp: 268893

Ion Ratio Lower Upper

284 100

142 26.6 21.6 32.4

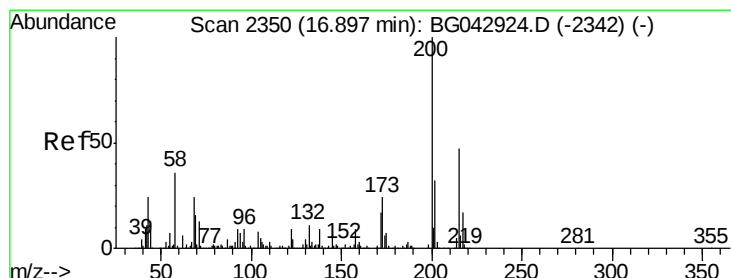
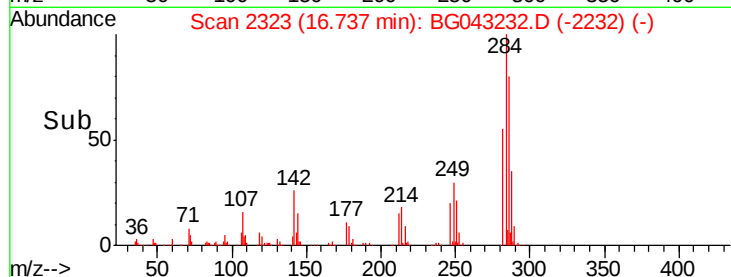
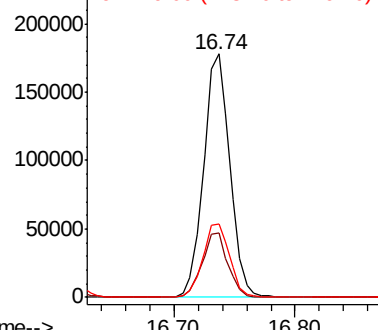
249 30.3 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 37.919 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

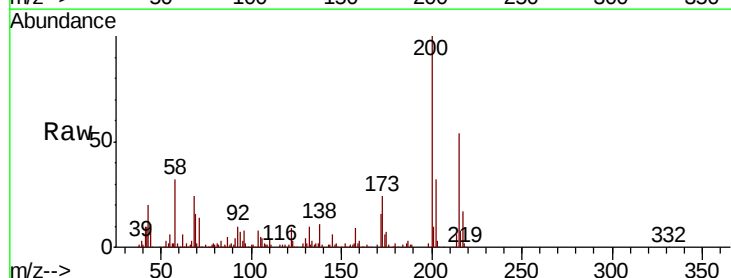
Tgt Ion:200 Resp: 175437

Ion Ratio Lower Upper

200 100

173 24.3 4.0 44.0

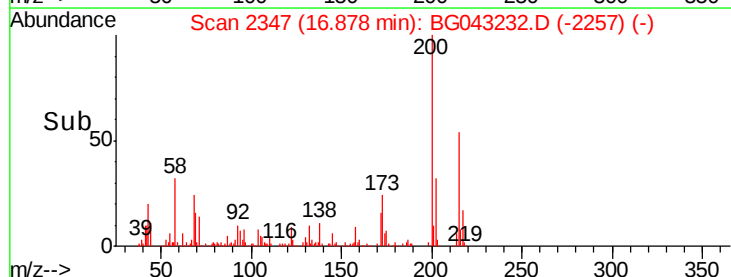
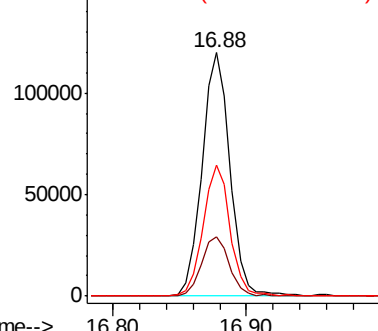
215 53.8 27.4 67.4

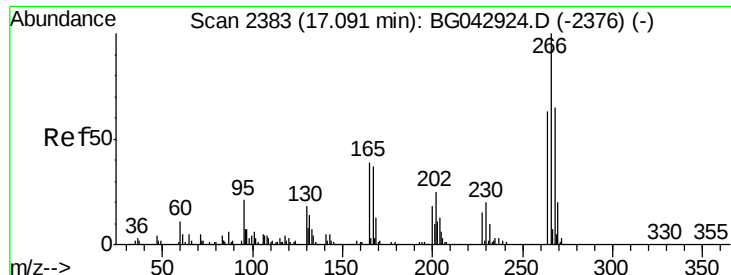


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

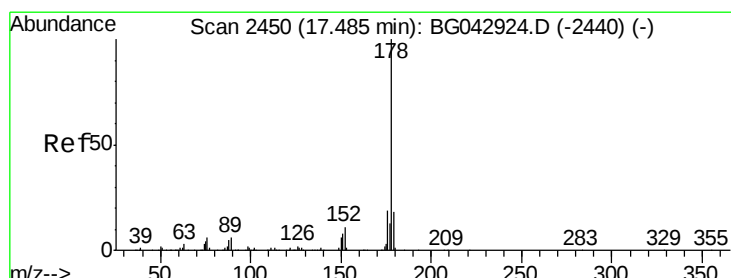
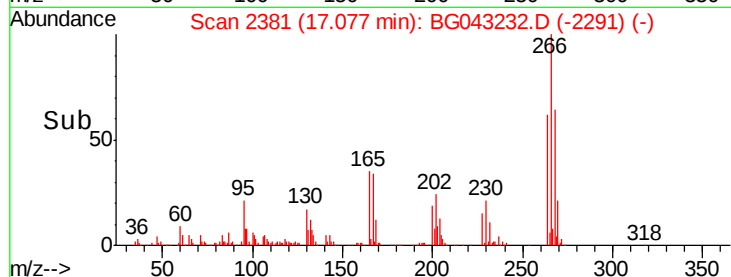
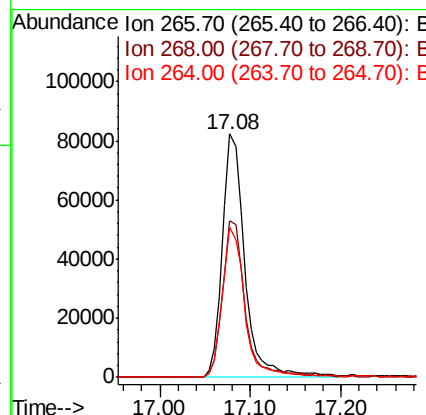
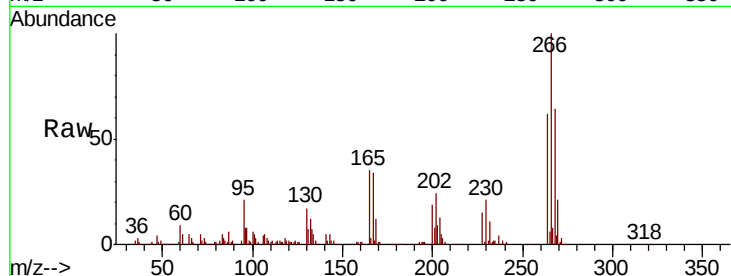




#70
 Pentachlorophenol
 Concen: 42.280 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

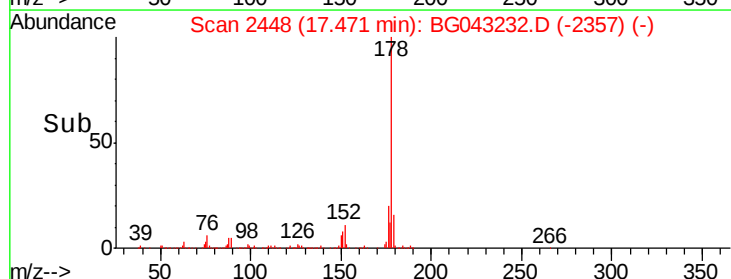
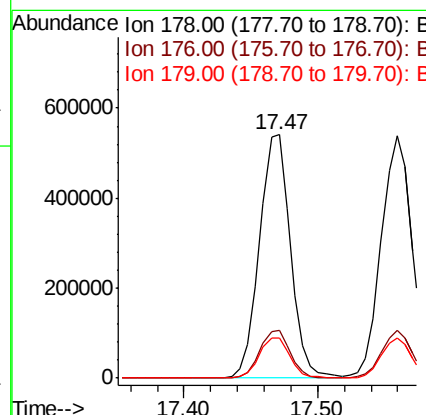
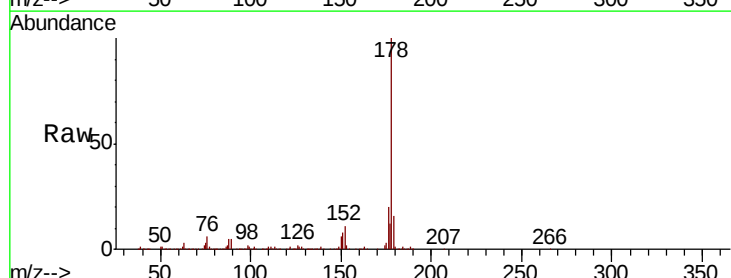
Instrument :
 BNA_G
 ClientSampleId :

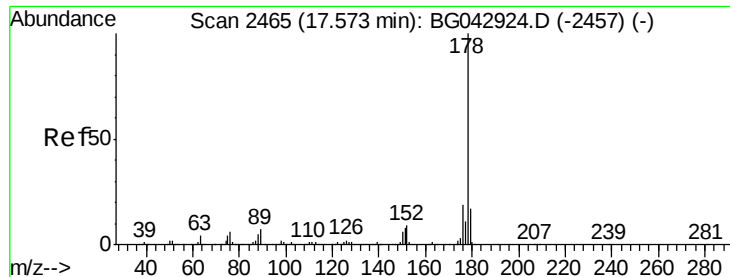
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.2	78.2
264	61.7	50.7	76.1



#71
 Phenanthrene
 Concen: 42.640 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. 0.01 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.3	14.1	21.1





#72

Anthracene

Concen: 42.897 ng

RT: 17.56 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

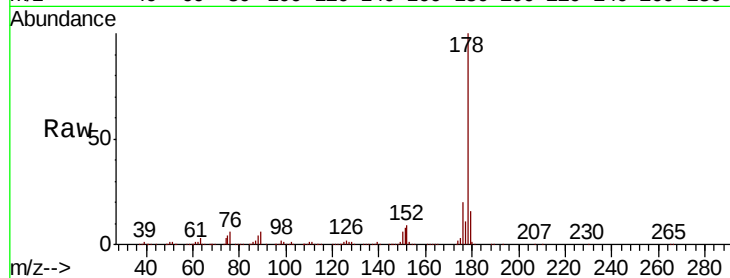
Tot Ion:178 Resp: 870148

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.4	13.5	20.3

178 100

176 19.6 15.5 23.3

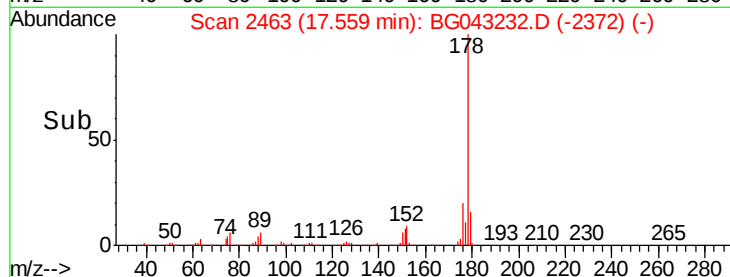
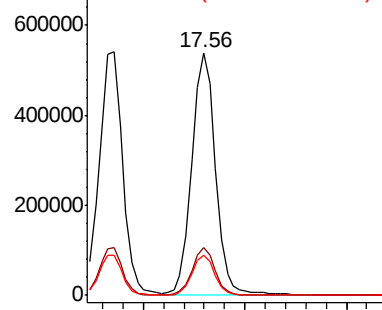
179 16.4 13.5 20.3



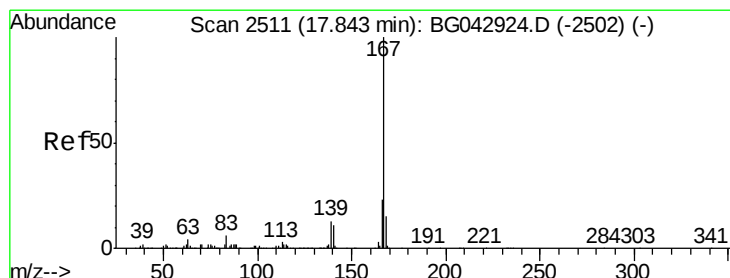
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 42.314 ng

RT: 17.83 min Scan# 2509

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

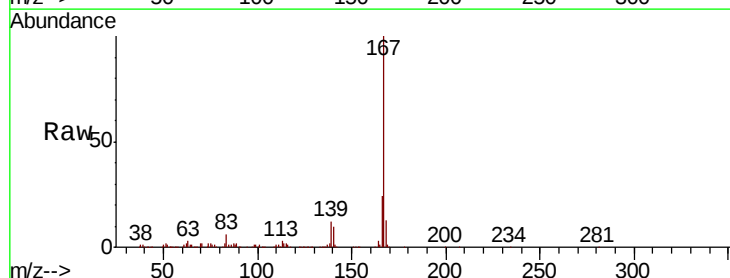
Tgt Ion:167 Resp: 795950

Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.6	28.0
139	12.4	10.8	16.2

167 100

166 23.7 18.6 28.0

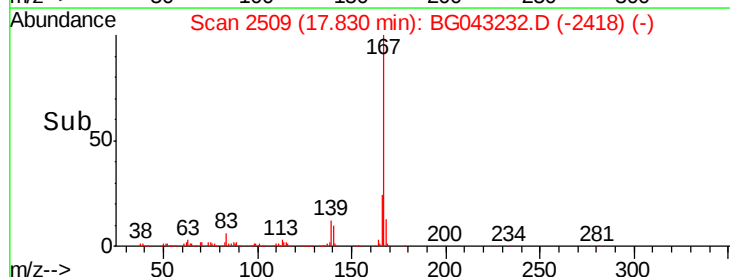
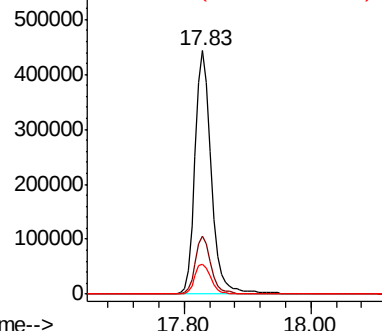
139 12.4 10.8 16.2



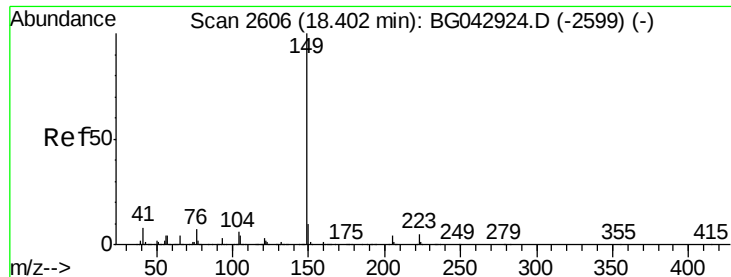
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 42.580 ng

RT: 18.38 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

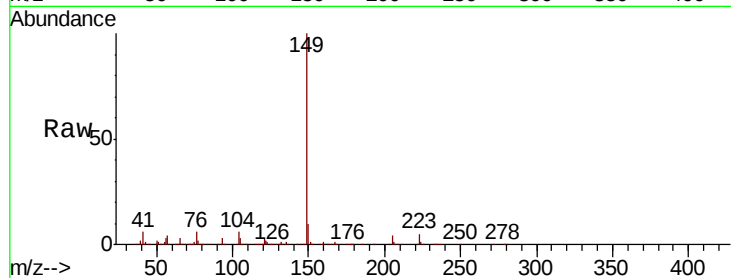
Tot Ion:149 Resp: 955632

Ion Ratio Lower Upper

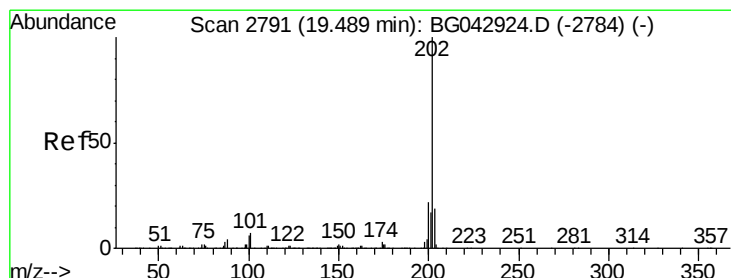
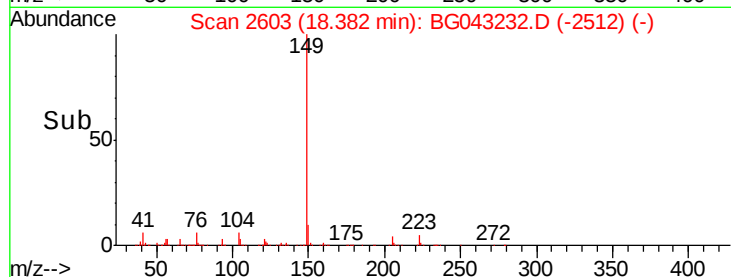
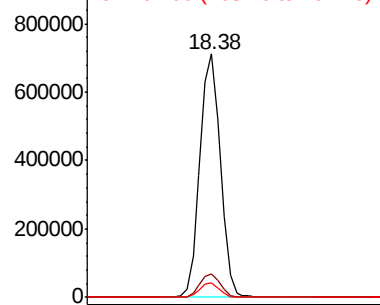
149 100

150 9.9 7.7 11.5

104 5.7 5.0 7.6



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: 40.071 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

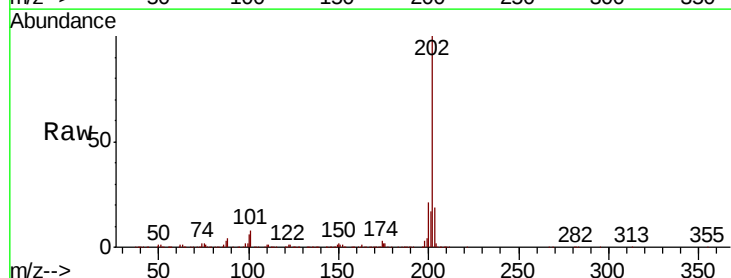
Tgt Ion:202 Resp: 1076912

Ion Ratio Lower Upper

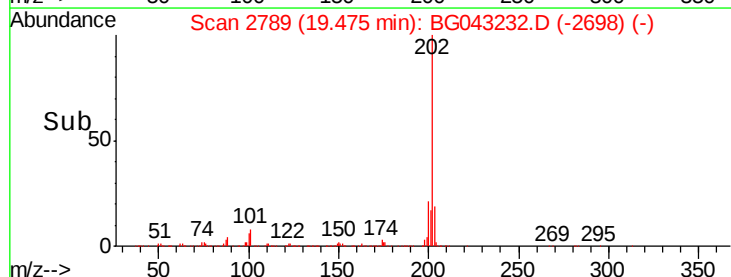
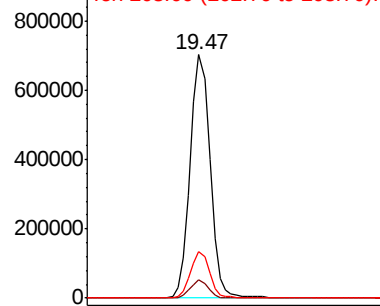
202 100

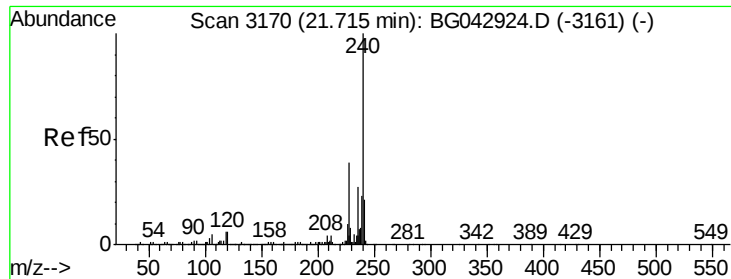
101 7.6 0.0 27.3

203 19.0 0.0 39.5



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: 21.70 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

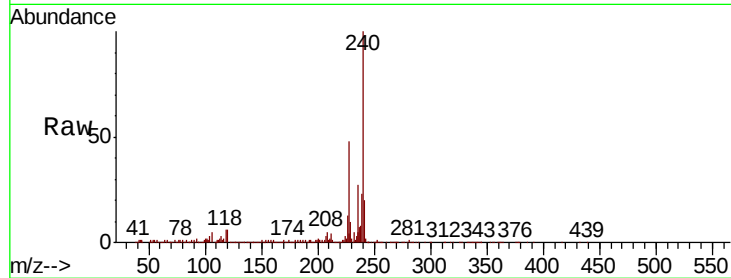
Tot Ion:240 Resp: 440272

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

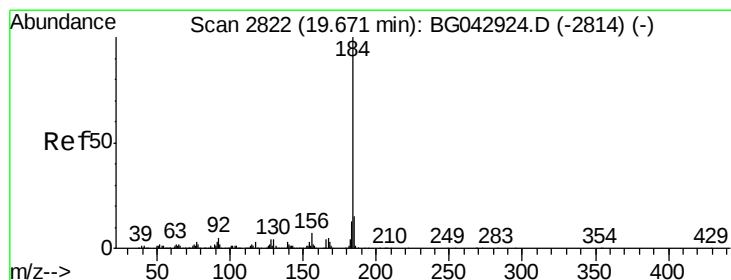
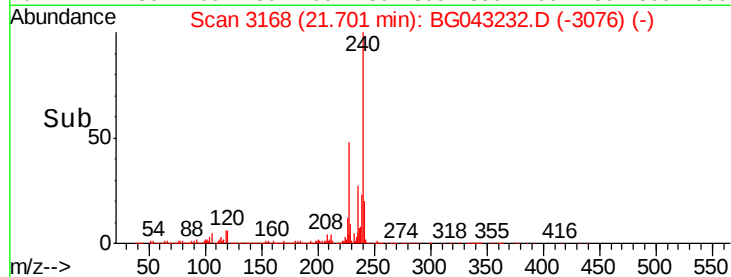
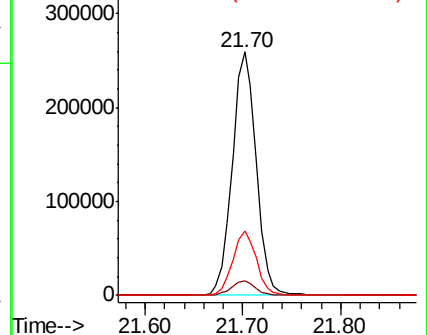
236 26.5 21.4 32.0



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: 46.196 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

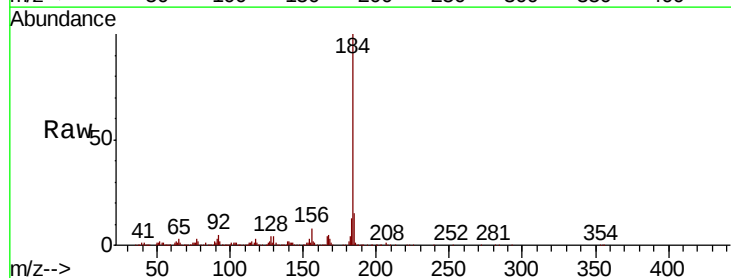
Tgt Ion:184 Resp: 509262

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

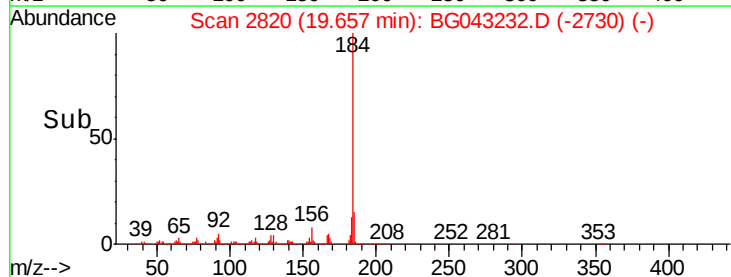
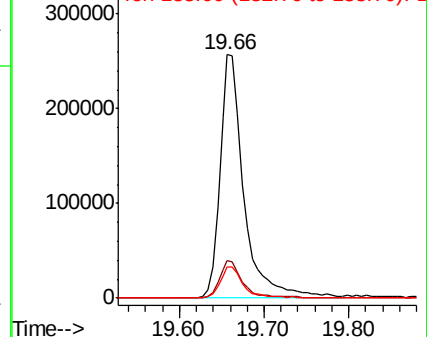
183 12.7 10.1 15.1

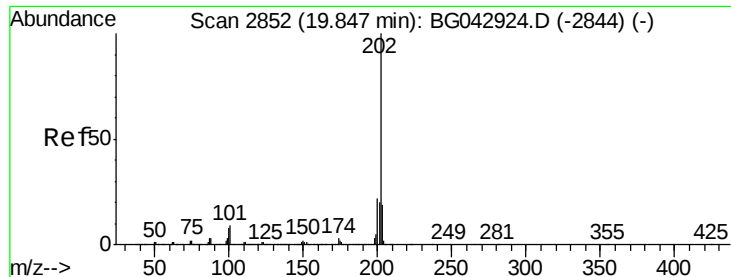


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

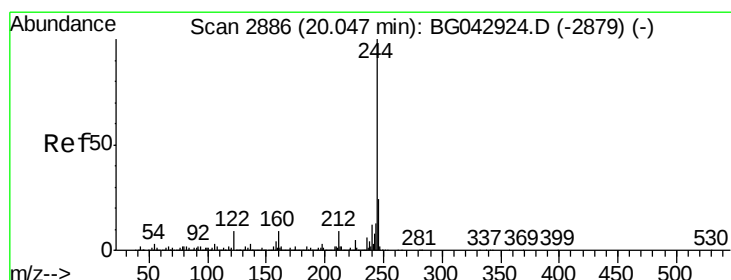
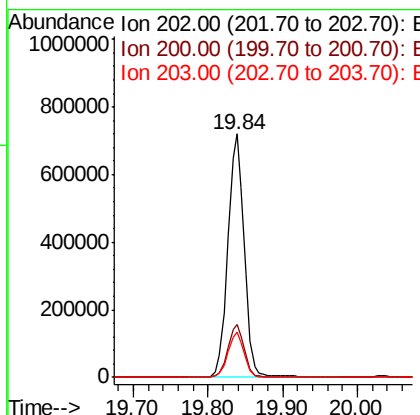
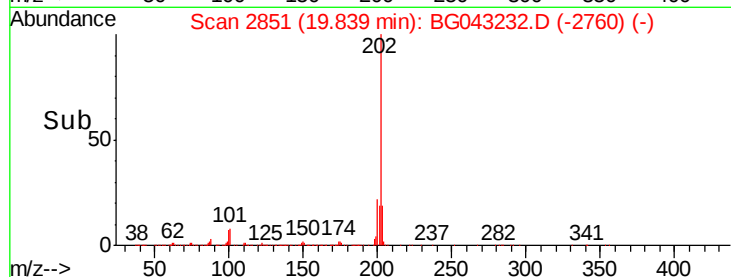
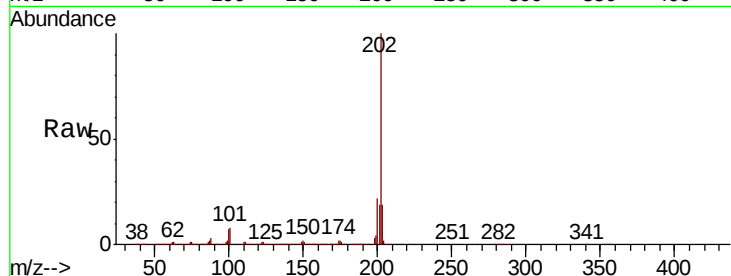




#78
Pvrene
Concen: 42.040 ng
RT: 19.84 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

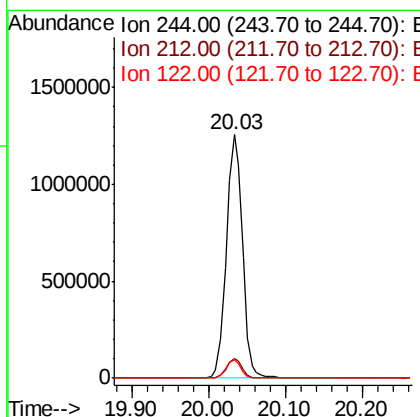
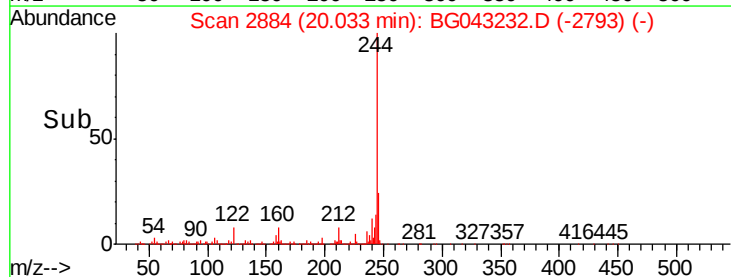
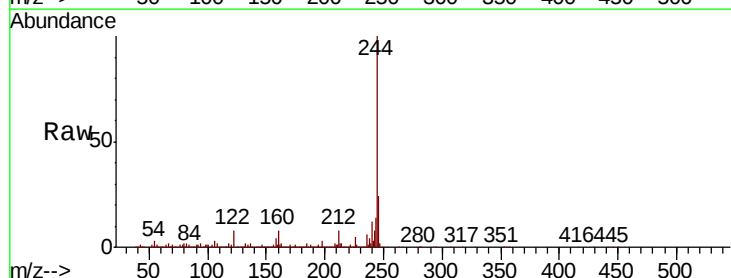
Instrument :
BNA_G
ClientSampleId :

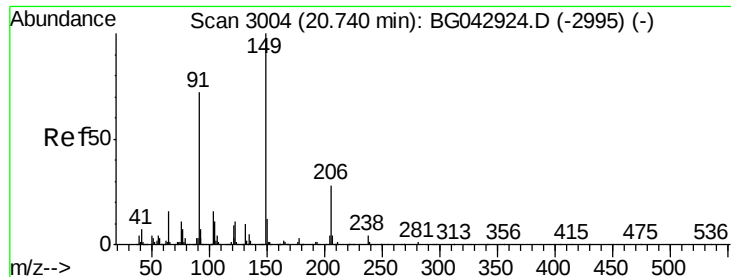
Tot Ion:202 Resp: 1104733
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 18.5 15.2 22.8



#79
Terphenyl-d14
Concen: 88.620 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion:244 Resp: 1831013
Ion Ratio Lower Upper
244 100
212 7.9 7.4 11.0
122 7.6 7.0 10.4

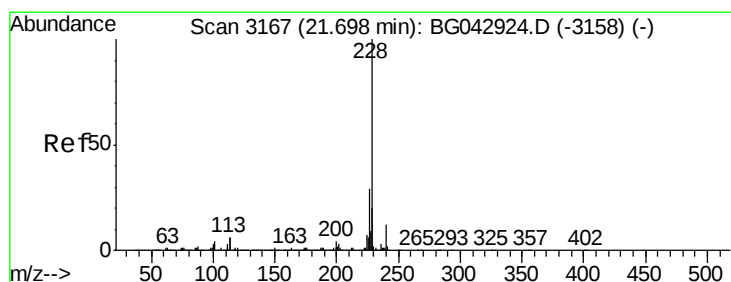
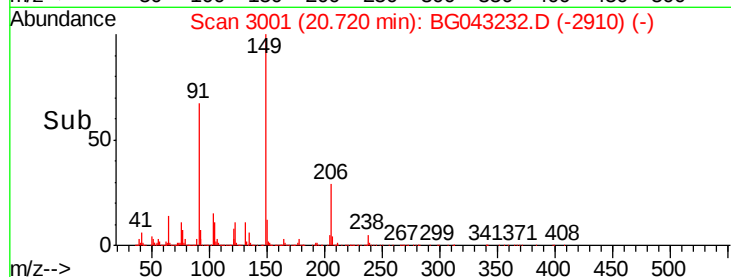
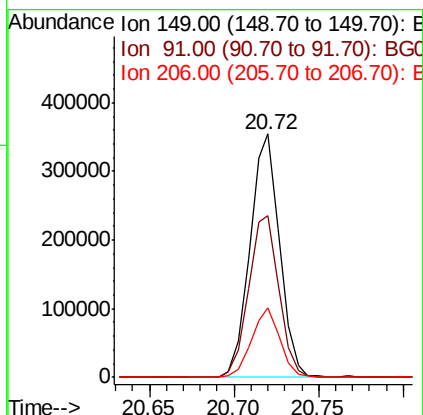
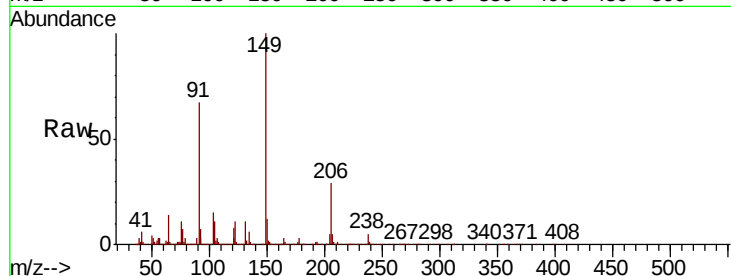




#80
Butylbenzylphthalate
Concen: 43.182 ng
RT: 20.72 min Scan# 3001
Delta R.T. 0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

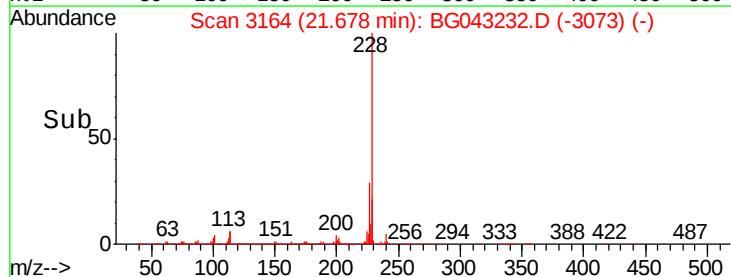
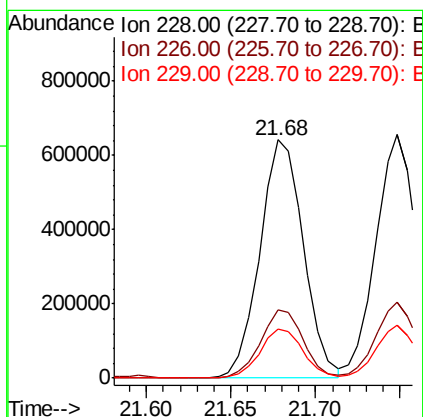
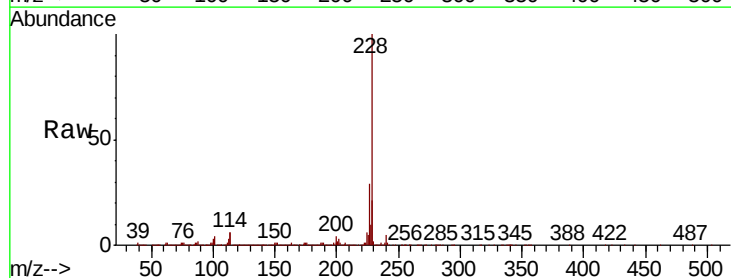
Instrument :
BNA_G
ClientSampleId :

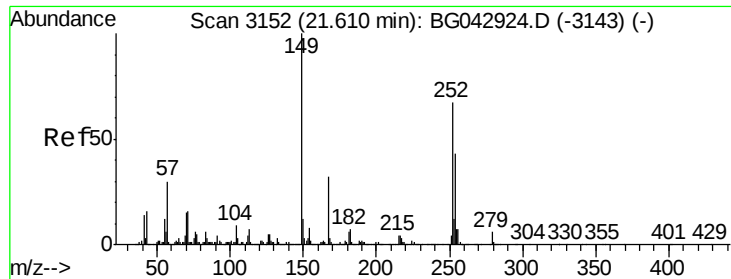
Tot Ion:149 Resp: 430724
Ion Ratio Lower Upper
149 100
91 66.5 57.7 86.5
206 28.7 22.6 33.8



#81
Benzo(a)anthracene
Concen: 41.925 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion:228 Resp: 1150133
Ion Ratio Lower Upper
228 100
226 28.6 23.0 34.4
229 20.6 16.3 24.5

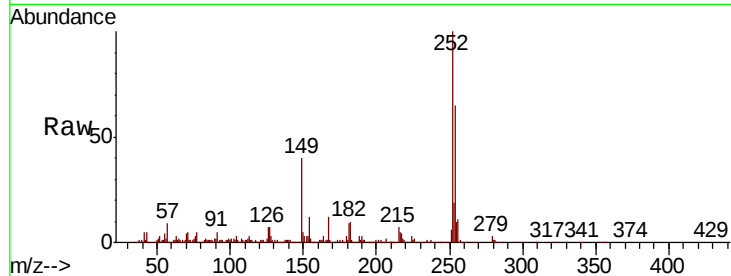




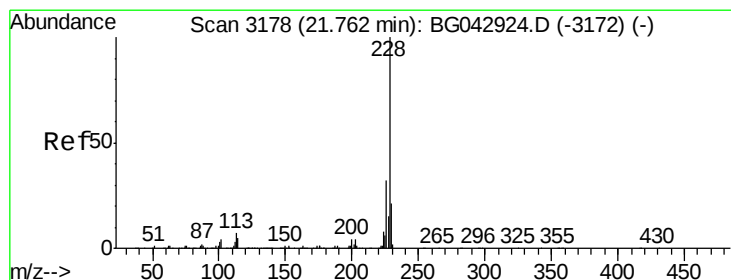
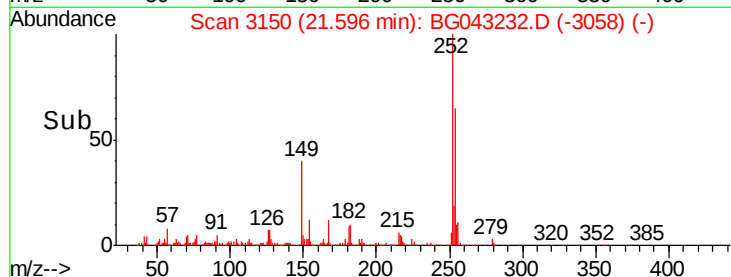
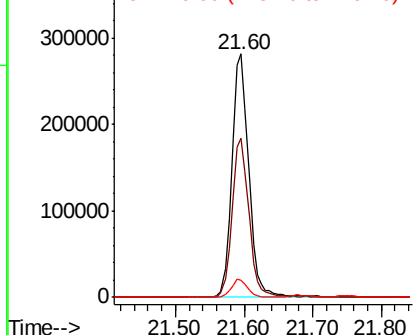
#82
 3,3'-Dichlorobenzidine
 Concen: 44.846 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 482517
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.9 77.9
 126 7.2 6.1 9.1

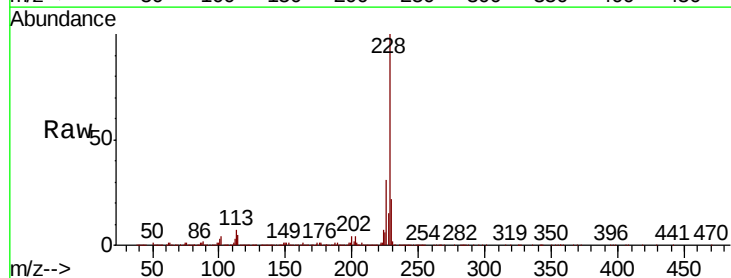


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

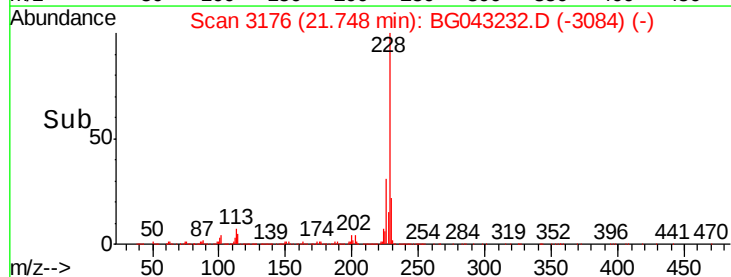
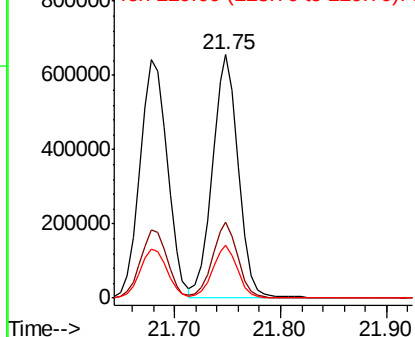


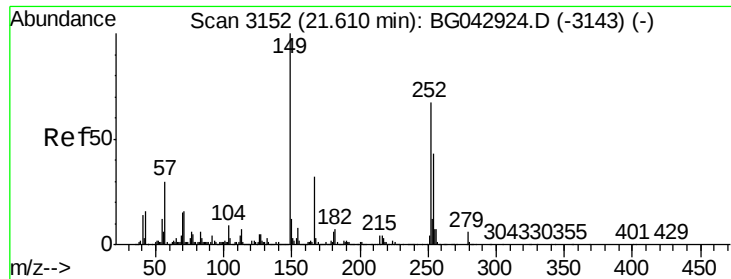
#83
 Chrysene
 Concen: 41.986 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.01 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Tgt Ion:228 Resp: 1117734
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.6 38.4
 229 21.5 16.9 25.3



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 43.982 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampled :

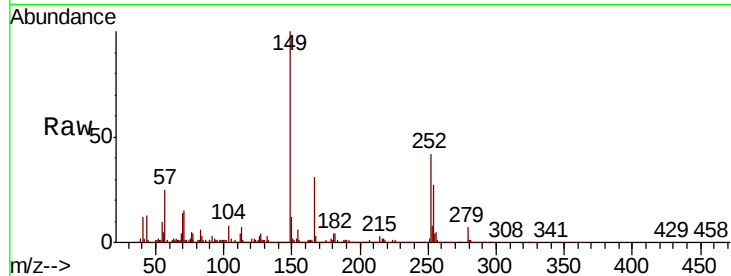
Tot Ion:149 Resp: 624242

Ion Ratio Lower Upper

149 100

167 31.0 25.4 38.2

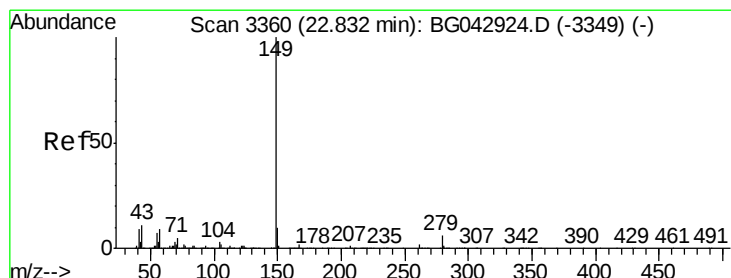
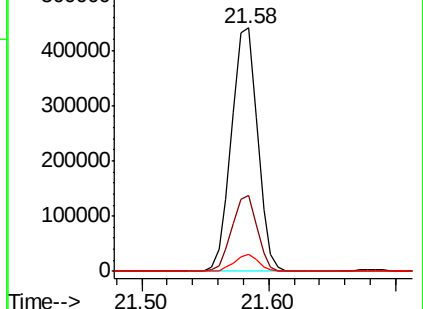
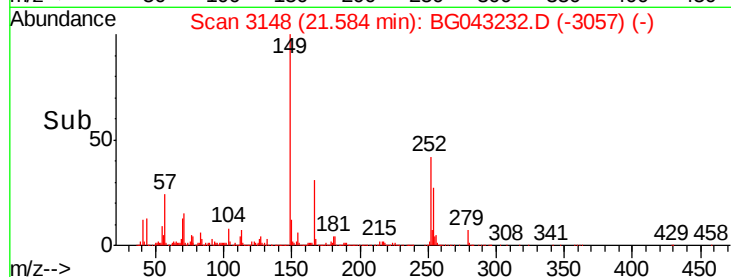
279 6.9 5.1 7.7



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: 45.270 ng

RT: 22.79 min Scan# 3354

Delta R.T. 0.01 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

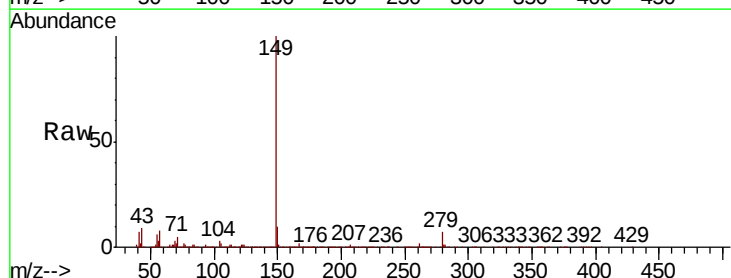
Tgt Ion:149 Resp: 1050664

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

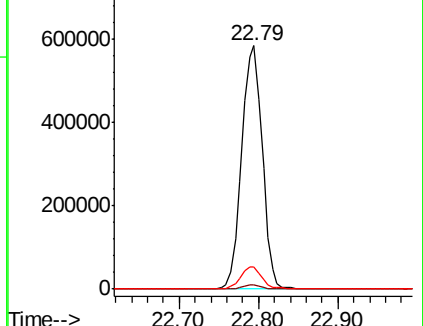
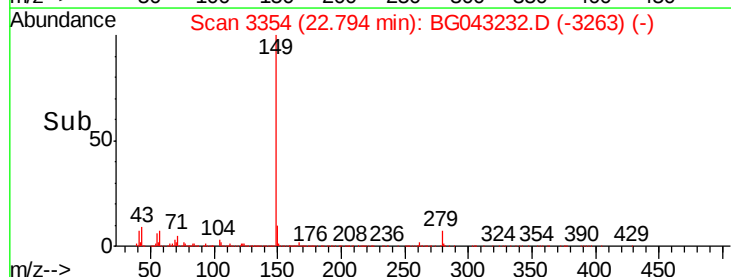
43 9.1 8.7 13.1

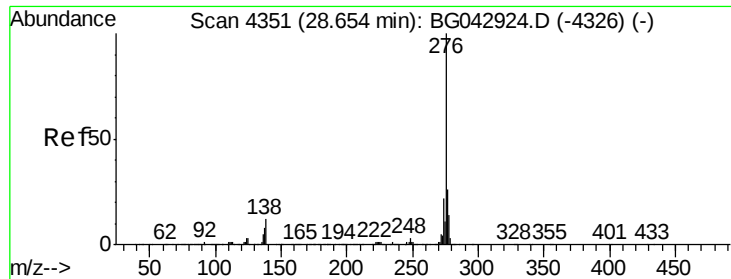


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

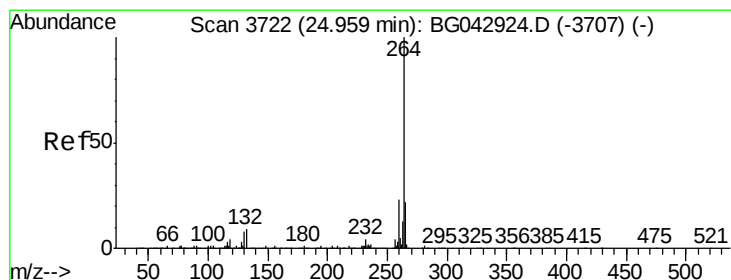
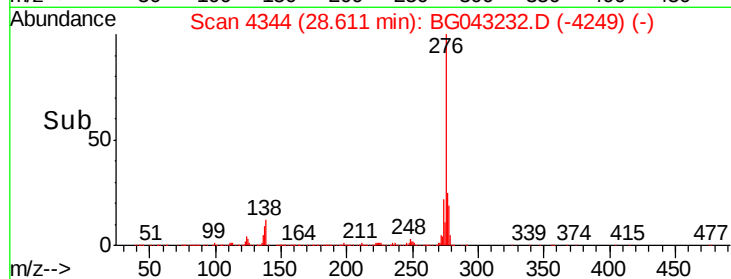
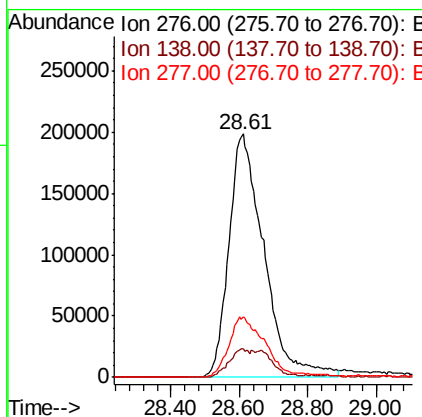
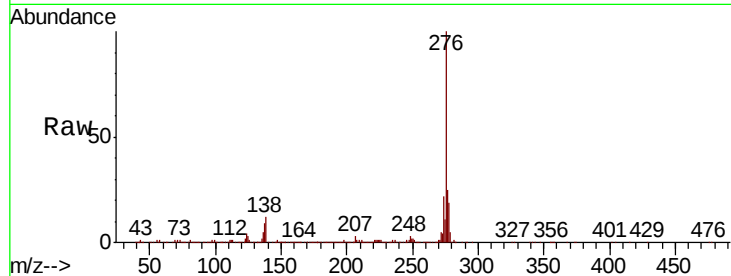




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.367 ng
 RT: 28.61 min Scan# 4344
 Delta R.T. 0.03 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

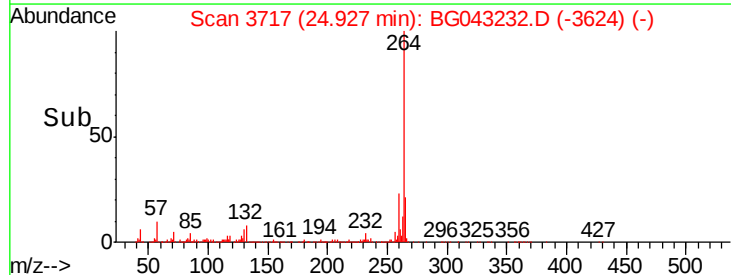
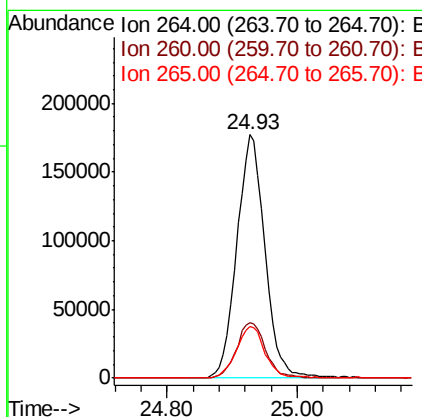
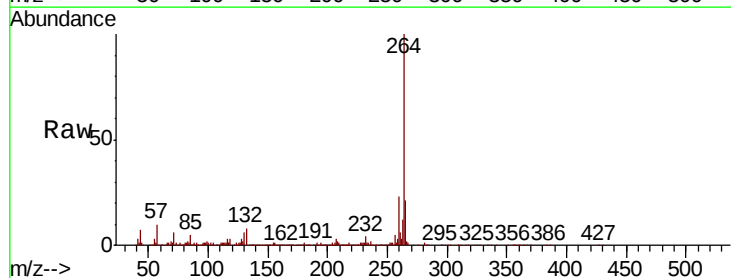
Instrument :
 BNA_G
 ClientSampled :

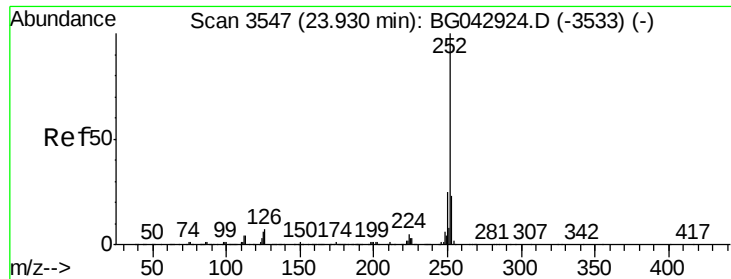
Tot Ion:276 Resp: 1404099
 Ion Ratio Lower Upper
 276 100
 138 6.5 7.0 10.6#
 277 25.6 20.9 31.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. 0.02 min
 Lab File: BG043232.D
 Acq: 16 Oct 2019 1:41

Tgt Ion:264 Resp: 529425
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.0 17.7 26.5

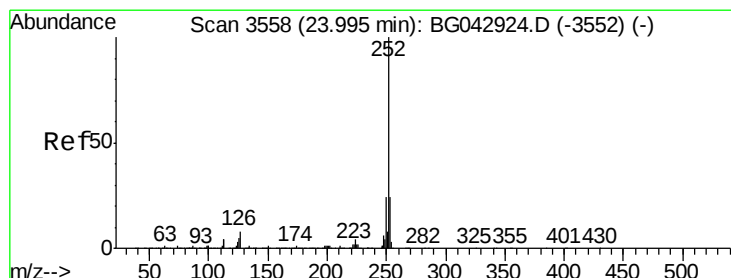
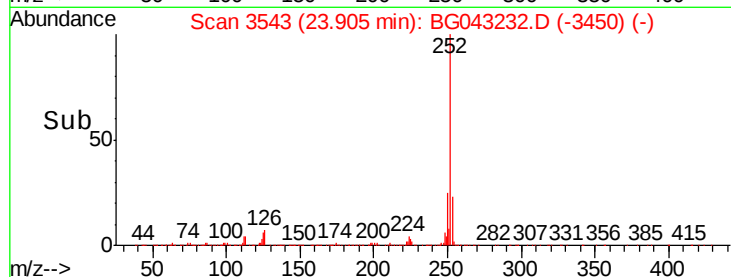
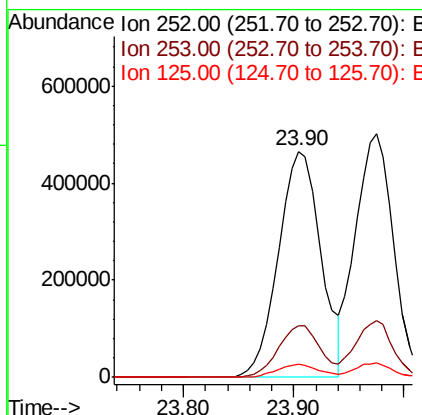
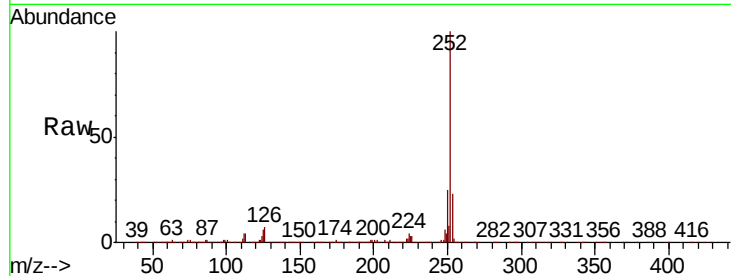




#88
Benzo(b)fluoranthene
Concen: 41.063 ng
RT: 23.90 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

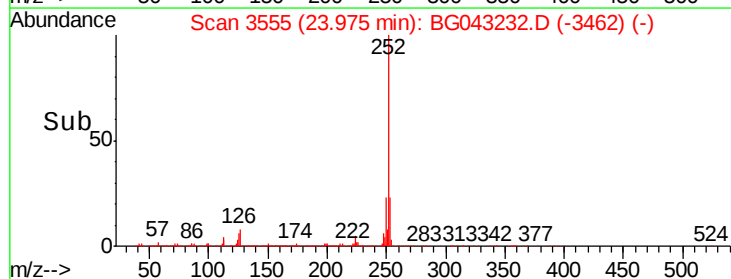
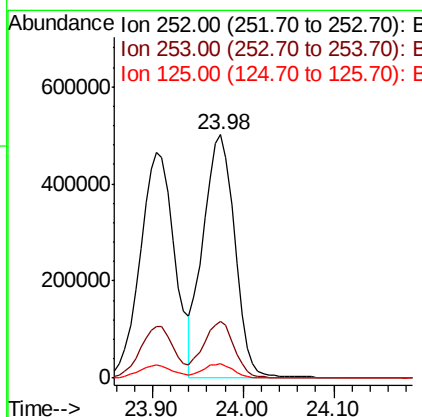
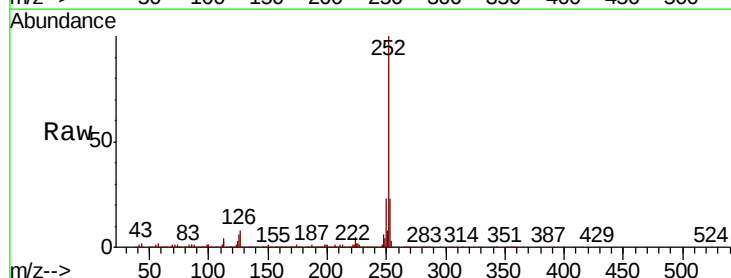
Instrument :
BNA_G
ClientSampleId :

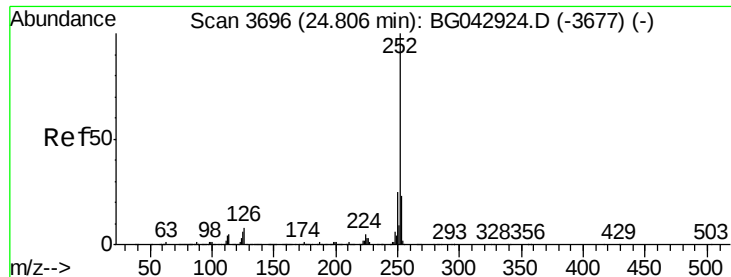
Tot Ion:252 Resp: 1230080
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 6.0 4.6 7.0



#89
Benzo(k)fluoranthene
Concen: 40.845 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.02 min
Lab File: BG043232.D
Acq: 16 Oct 2019 1:41

Tgt Ion:252 Resp: 1210442
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 5.8 4.5 6.7





#90

Benzo(a)pyrene

Concen: 41.605 ng

RT: 24.78 min Scan# 3692

Delta R.T. 0.02 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

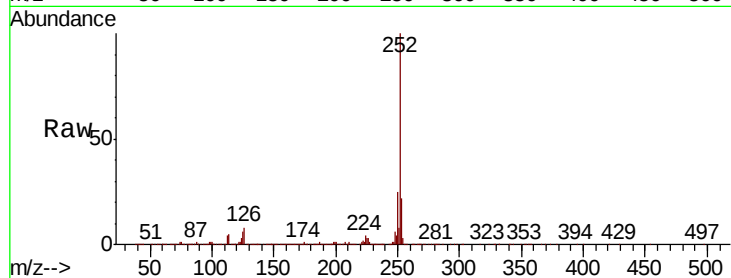
Instrument :

BNA_G

ClientSampled :

Tot Ion:252 Resp: 1175869

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	6.0	5.0	7.6

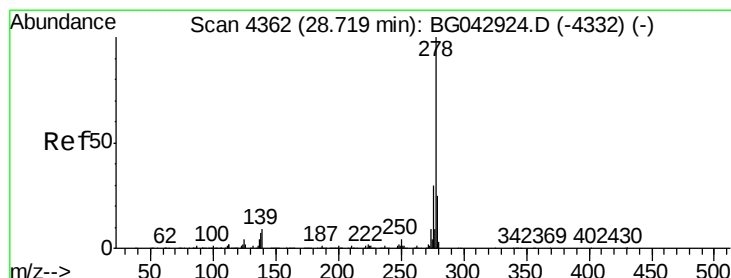
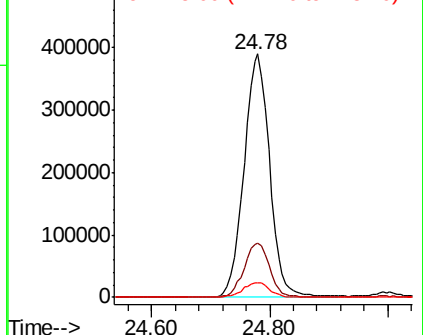
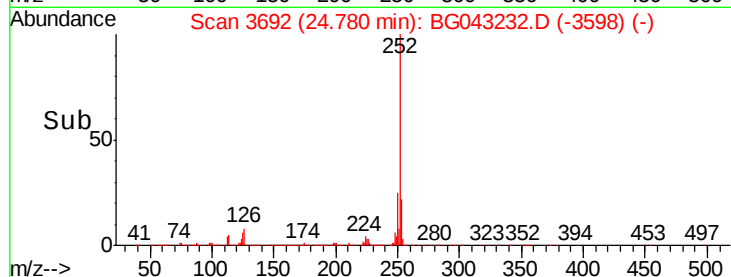


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 39.805 ng

RT: 28.67 min Scan# 4354

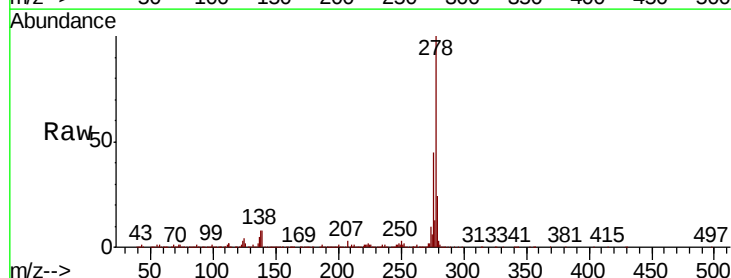
Delta R.T. 0.03 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Tgt Ion:278 Resp: 1153591

Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.8	10.2
279	24.0	20.1	30.1

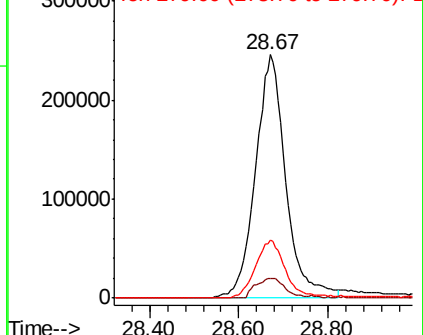
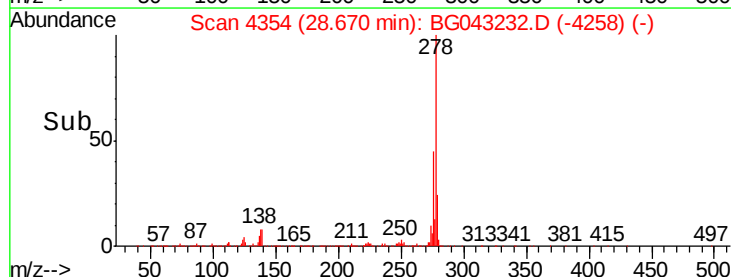


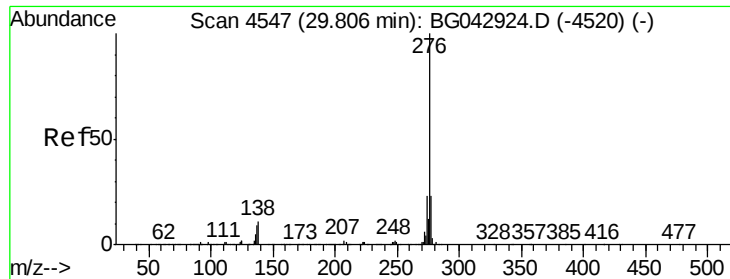
Abundance

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(a,h,i)perylene

Concen: 36.014 ng

RT: 29.76 min Scan# 4540

Delta R.T. 0.04 min

Lab File: BG043232.D

Acq: 16 Oct 2019 1:41

Instrument :

BNA_G

ClientSampleId :

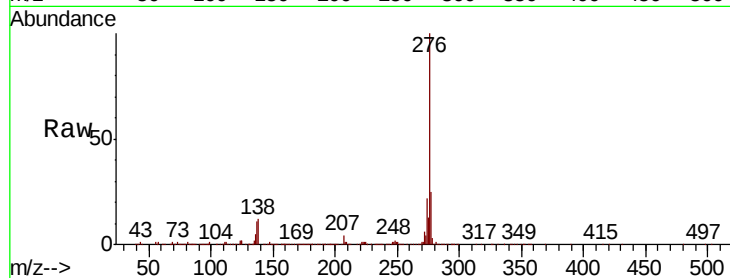
Tot Ion:276 Resp: 1011278

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 11.5 8.6 12.8



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

