

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
 Data File : BG043343.D
 Acq On : 25 Oct 2019 17:23
 Operator : JU
 Sample : K5148-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-102319

Quant Time: Oct 25 18:00:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34980	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	127833	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	101275	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	249968	20.00	ng	0.00
76) Chrysene-d12	21.66	240	284059	20.00	ng	0.00
87) Perylene-d12	24.86	264	330390	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	273243	143.14	ng	0.01
7) Phenol-d6	7.21	99	382768	139.37	ng	0.01
23) Nitrobenzene-d5	9.19	82	231570	93.39	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	264429	137.20	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	636623	86.86	ng	0.00
79) Terphenyl-d14	20.00	244	1485616	98.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	235	0.316	ng	# 65
3) Pyridine	4.16	79	57	0.030	ng	# 1
4) n-Nitrosodimethylamine	3.81	42	639	0.675	ng	# 1
6) Aniline	7.23	93	58	0.018	ng	# 1
8) 2-Chlorophenol	8.05	128	54	0.026	ng	# 36
9) Benzaldehyde	7.23	77	860	0.637	ng	# 7
10) Phenol	7.24	94	3384	1.348	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	499	0.257	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.55	45	326	0.116	ng	# 67
17) 2-Methylphenol	8.52	107	56	0.031	ng	# 9
18) Hexachloroethane	9.44	117	61	0.063	ng	# 1
20) 3+4-Methylphenols	8.52	107	56	0.022	ng	# 16
22) Acetophenone	8.85	105	138	0.042	ng	# 50
24) Nitrobenzene	9.19	77	1024	0.434	ng	# 67
25) Isophorone	9.77	82	225	0.050	ng	# 65
26) 2-Nitrophenol	10.39	139	54	0.047	ng	# 28
27) 2,4-Dimethylphenol	9.59	122	66	0.040	ng	# 1
28) bis(2-Chloroethoxy)methane	9.88	93	86	0.034	ng	# 51
31) Naphthalene	10.87	128	232	0.036	ng	# 68
35) Caprolactam	11.29	113	56	0.078	ng	# 1
37) 2-Methylnaphthalene	12.50	142	73	0.015	ng	# 15
38) 1-Methylnaphthalene	12.50	142	73	0.015	ng	# 8
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	55	0.015	ng	# 4
43) 2,4,6-Trichlorophenol	13.25	196	70	0.032	ng	# 12
44) 2,4,5-Trichlorophenol	13.25	196	70	0.031	ng	# 1
46) 1,1'-Biphenyl	13.48	154	363	0.047	ng	# 42
48) 2-Nitroaniline	14.09	65	73	0.042	ng	# 1
49) Acenaphthylene	14.72	152	92	0.010	ng	# 1
50) Dimethylphthalate	14.10	163	29253	3.729	ng	# 97
52) Acenaphthene	14.71	154	234	0.042	ng	# 72
53) 3-Nitroaniline	14.67	138	71	0.043	ng	# 1
55) Dibenzofuran	15.05	168	74	0.008	ng	# 43
56) 4-Nitrophenol	15.06	139	64	0.058	ng	# 2
58) Fluorene	15.71	166	245	0.032	ng	# 55

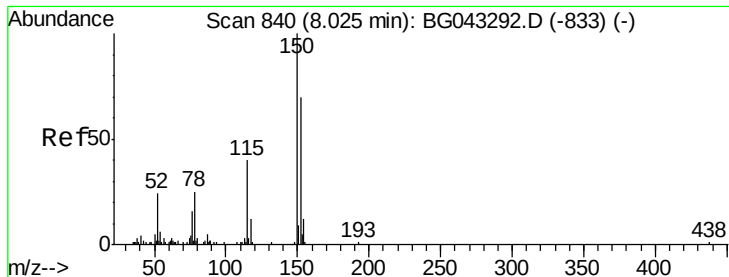
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
 Data File : BG043343.D
 Acq On : 25 Oct 2019 17:23
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Quant Time: Oct 25 18:00:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 2,3,4,6-Tetrachlorophenol	14.90	232	70	0.030	ng	# 44
60) Diethylphthalate	15.46	149	278	0.035	ng	# 58
62) 4-Nitroaniline	15.57	138	61	0.036	ng	# 8
63) Azobenzene	16.14	77	1102	0.173	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.14	198	790	0.537	ng	# 1
66) n-Nitrosodiphenylamine	16.14	169	7364	1.043	ng	# 42
71) Phenanthrene	17.44	178	1557	0.122	ng	# 73
72) Anthracene	17.53	178	142	0.011	ng	# 60
73) Carbazole	17.85	167	53	0.005	ng	# 58
74) Di-n-butylphthalate	18.35	149	893	0.063	ng	# 69
75) Fluoranthene	19.45	202	765	0.046	ng	# 62
77) Benzidine	19.68	184	988	0.173	ng	# 47
78) Pyrene	19.80	202	507	0.029	ng	# 57
80) Butylbenzylphthalate	20.69	149	295	0.044	ng	# 1
81) Benzo(a)anthracene	21.66	228	1131	0.064	ng	# 62
82) 3,3'-Dichlorobenzidine	21.56	252	84	0.012	ng	# 23
83) Chrysene	21.71	228	165	0.009	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.54	149	1494	0.158	ng	# 81
85) Di-n-octyl phthalate	22.75	149	685	0.043	ng	# 79
86) Indeno(1,2,3-cd)pyrene	28.52	276	63	0.003	ng	# 56
88) Benzo(b)fluoranthene	23.84	252	182	0.010	ng	# 60
89) Benzo(k)fluoranthene	23.94	252	235	0.012	ng	# 1
90) Benzo(a)pyrene	24.72	252	187	0.010	ng	# 61
91) Dibenzo(a,h)anthracene	28.16	278	67	0.004	ng	# 58
92) Benzo(g,h,i)perylene	29.68	276	56	0.003	ng	# 58

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

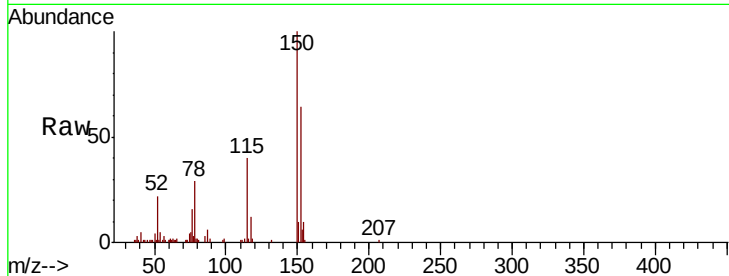


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Instrument :
BNA_G
ClientSampleId :
OR-02-102319

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	113.6	170.4
115	61.9	45.9	68.9

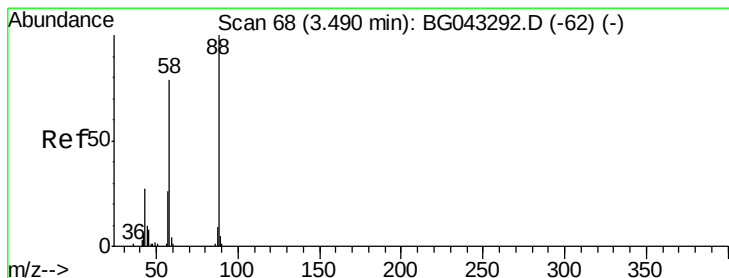
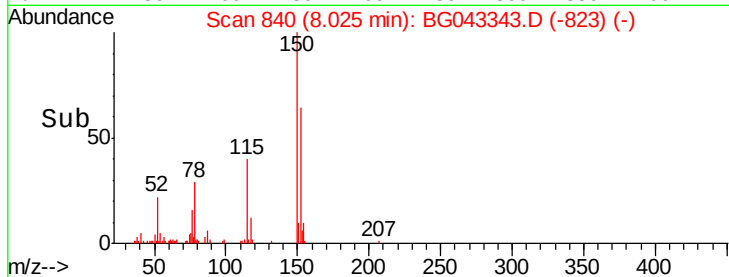
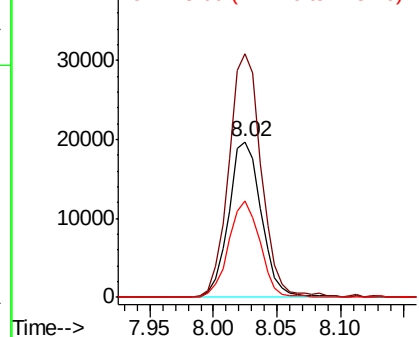


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

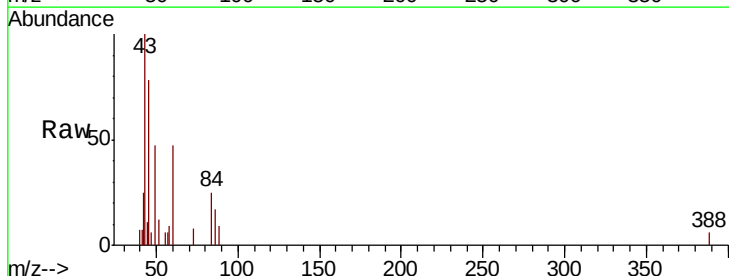
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.316 ng
RT: 3.30 min Scan# 36
Delta R.T. -0.19 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.9	60.2	90.2#
43	0.0	22.7	34.1#

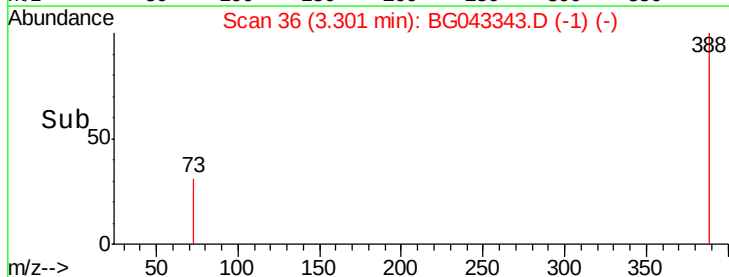
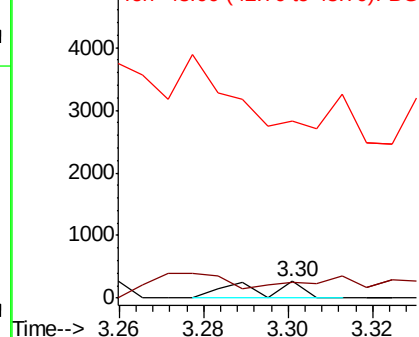


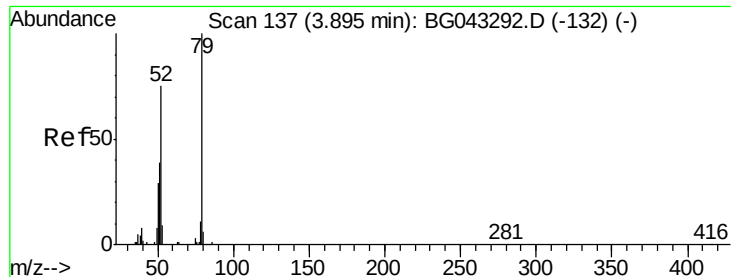
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.030 ng

RT: 4.16 min Scan# 182

Delta R.T. 0.26 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

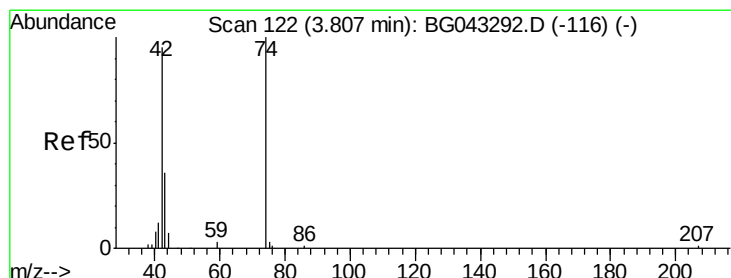
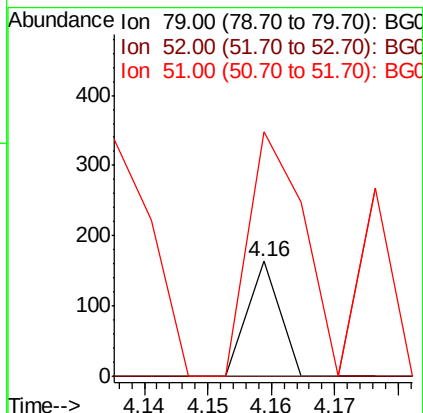
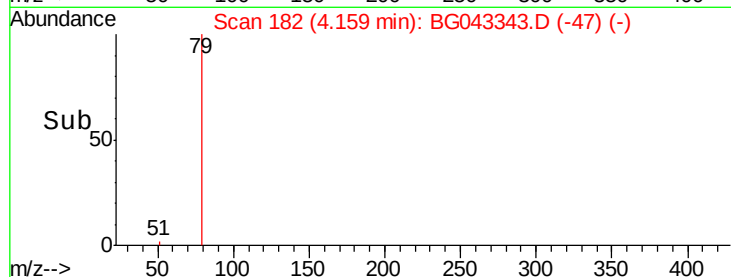
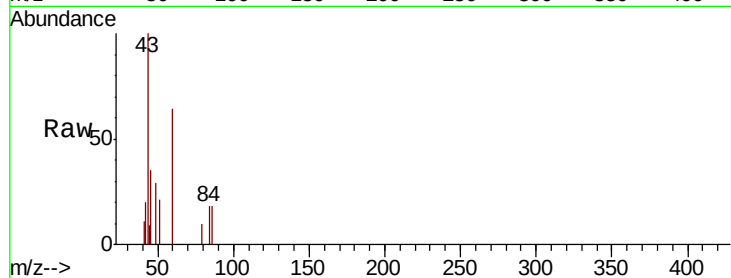
Tot Ion: 79 Resp: 57

Ion Ratio Lower Upper

79 100

52 0.0 59.7 89.5#

51 213.5 31.8 47.6#



#4

n-Nitrosodimethylamine

Concen: 0.675 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

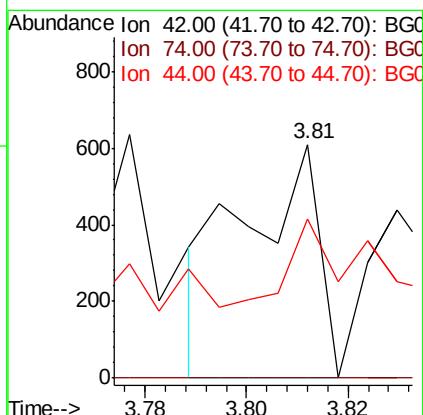
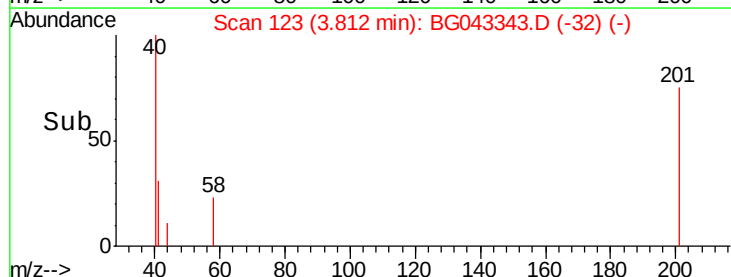
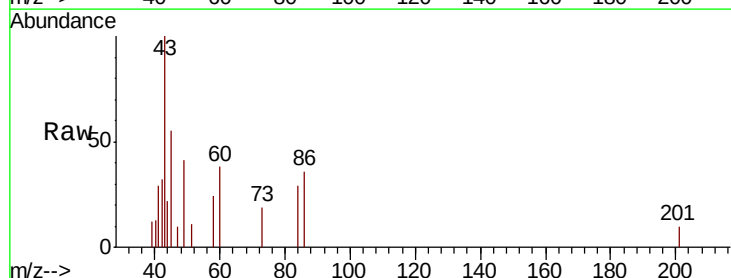
Tgt Ion: 42 Resp: 639

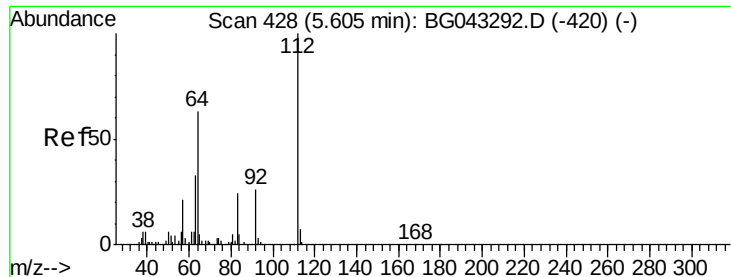
Ion Ratio Lower Upper

42 100

74 0.0 84.2 126.2#

44 68.2 6.0 9.0#





#5

2-Fluorophenol

Concen: 143.140 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

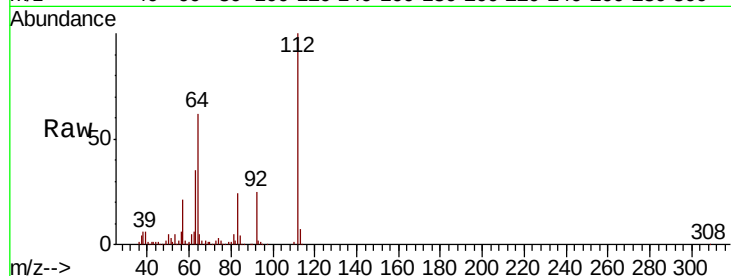
Tot Ion:112 Resp: 273243

Ion Ratio Lower Upper

112 100

64 62.2 50.2 75.2

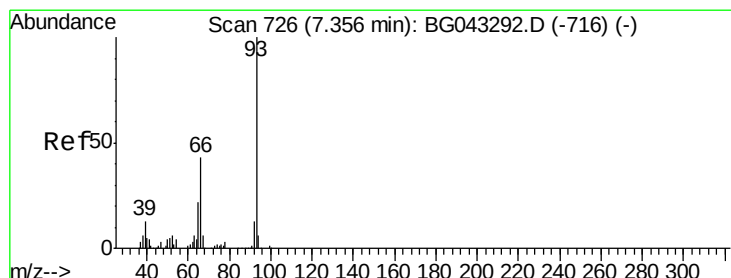
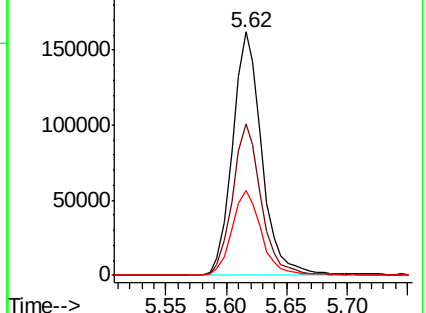
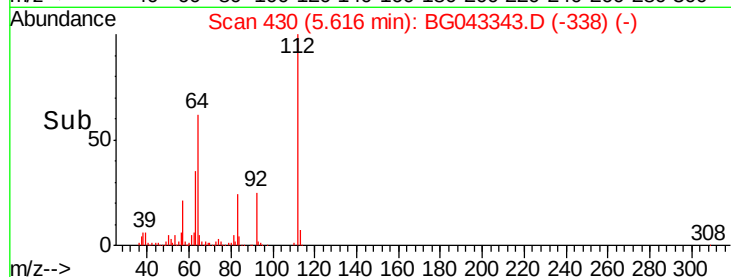
63 34.8 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.018 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.13 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

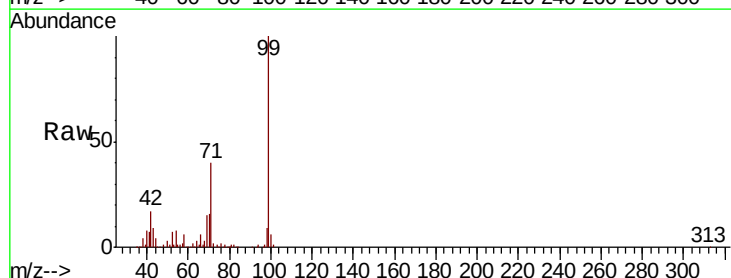
Tgt Ion: 93 Resp: 58

Ion Ratio Lower Upper

93 100

66 5861.2 34.5 51.7#

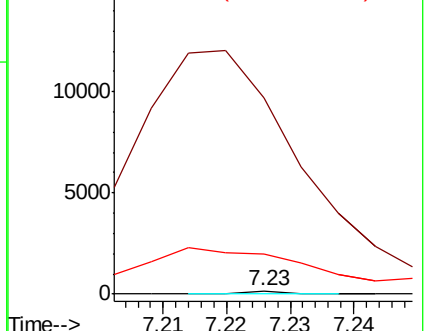
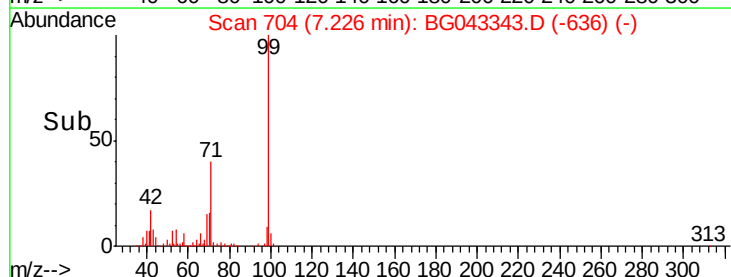
65 1201.8 18.0 27.0#

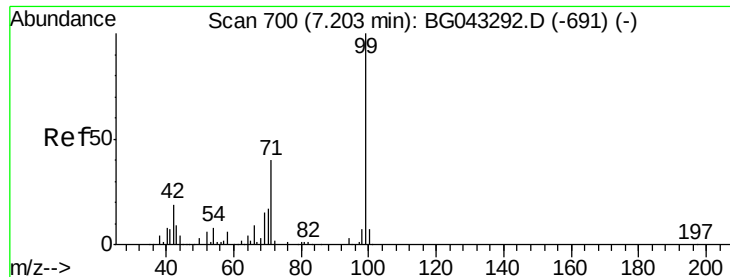


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.366 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampled :

OR-02-102319

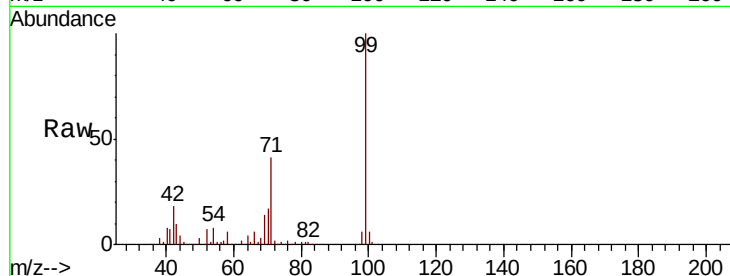
Tot Ion: 99 Resp: 382768

Ion Ratio Lower Upper

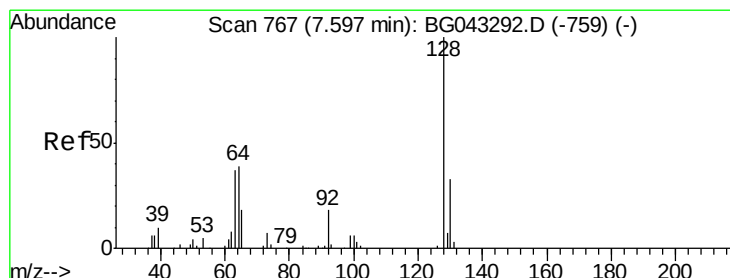
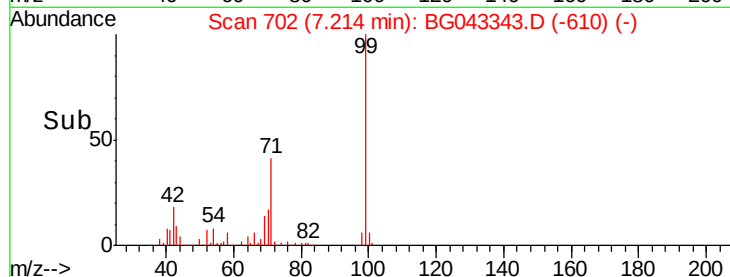
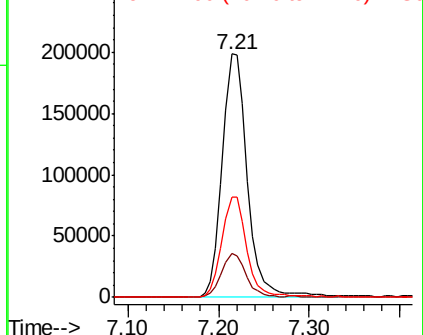
99 100

42 18.1 14.9 22.3

71 41.4 32.2 48.2



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



#8

2-Chlorophenol

Concen: 0.026 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.45 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

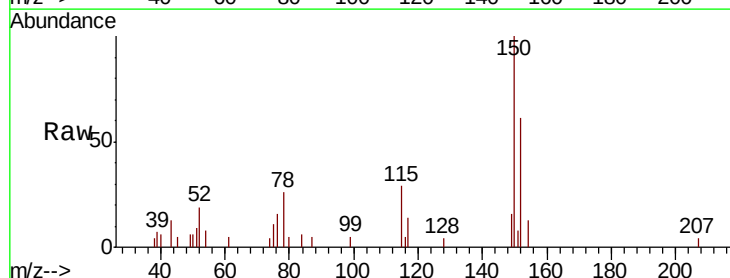
Tgt Ion: 128 Resp: 54

Ion Ratio Lower Upper

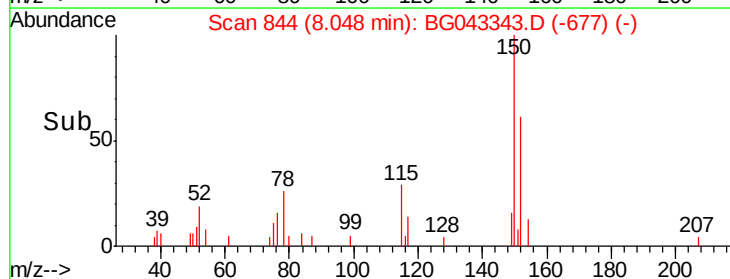
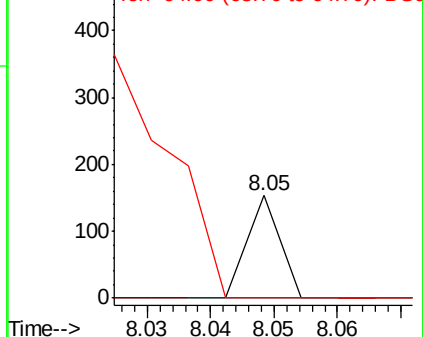
128 100

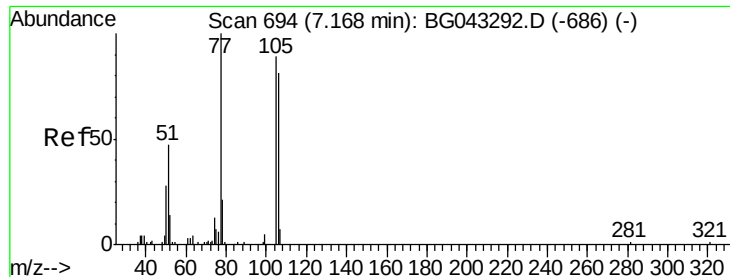
130 0.0 12.9 52.9#

64 0.0 24.9 64.9#



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





#9

Benzaldehyd

Concen: 0.637 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.06 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

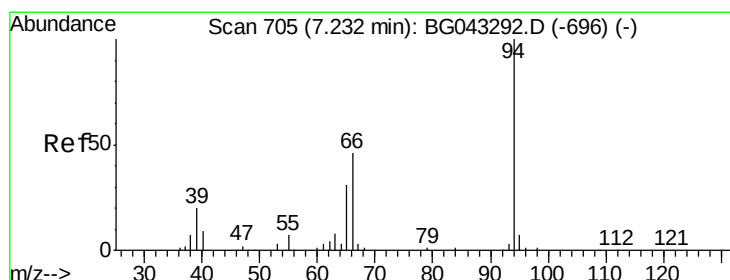
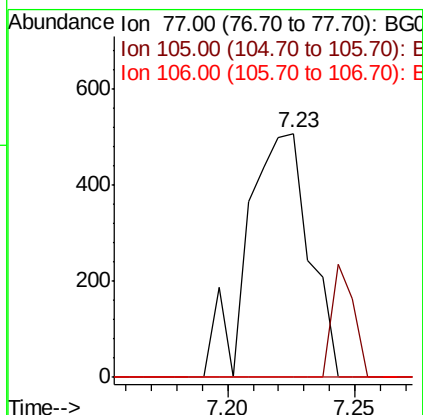
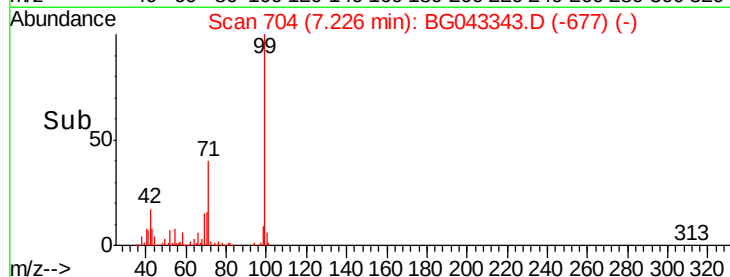
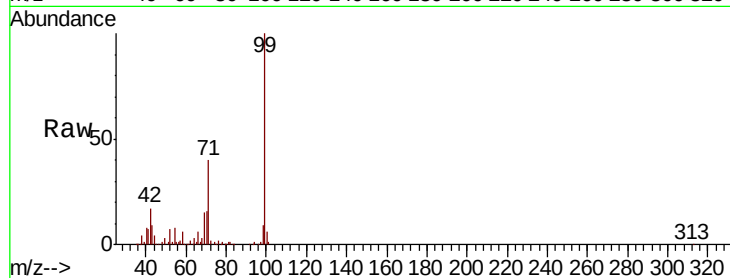
Tot Ion: 77 Resp: 860

Ion Ratio Lower Upper

77 100

105 0.0 68.7 108.7#

106 0.0 60.5 100.5#



#10

Phenol

Concen: 1.348 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

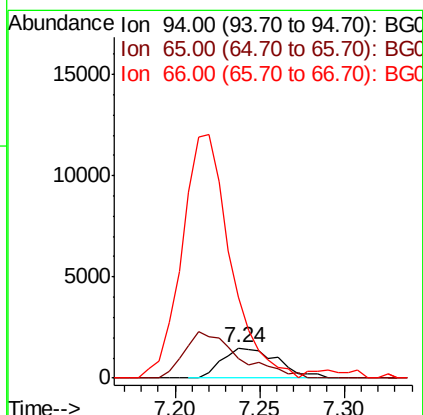
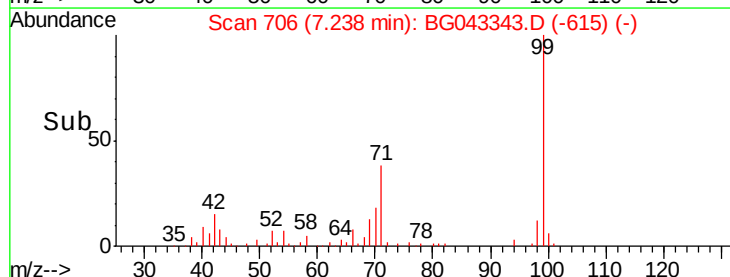
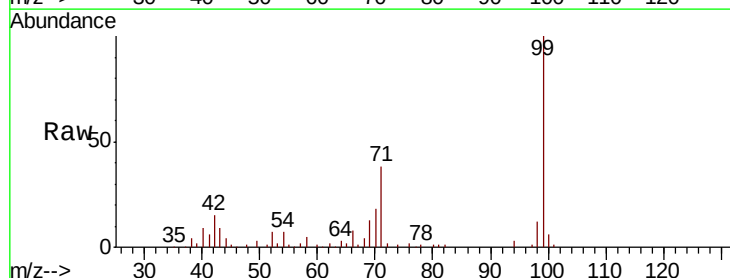
Tgt Ion: 94 Resp: 3384

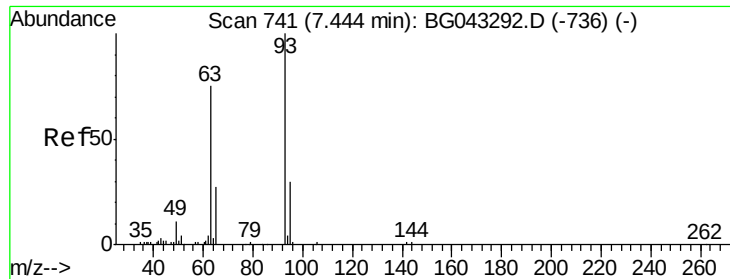
Ion Ratio Lower Upper

94 100

65 65.1 11.1 51.1#

66 268.8 27.8 67.8#

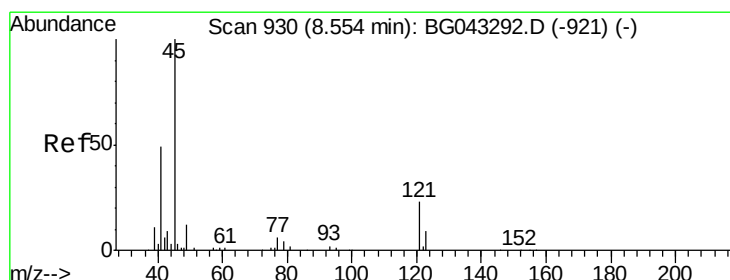
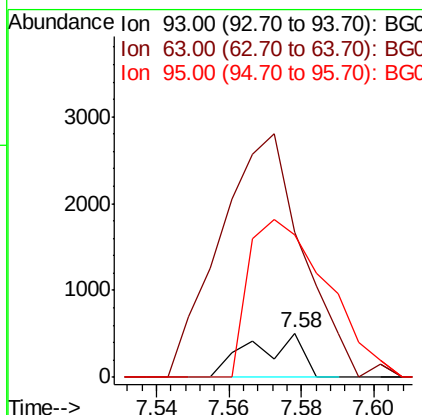
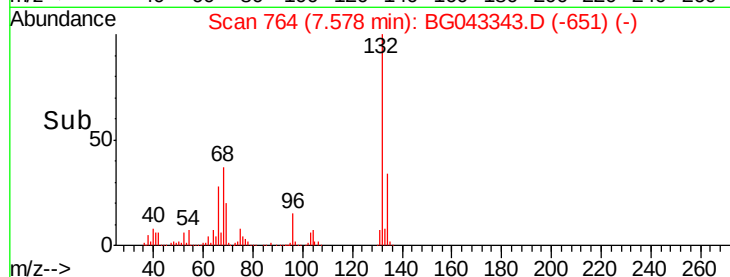
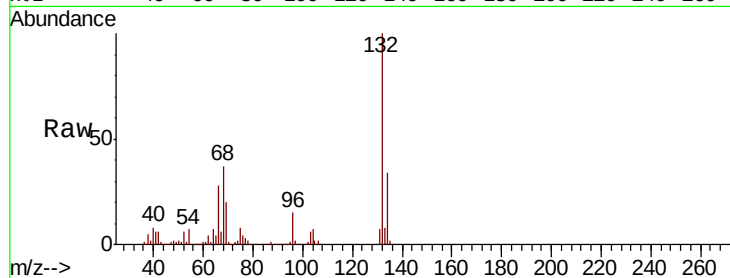




#11
bis(2-Chloroethyl)ether
Concen: 0.257 ng
RT: 7.58 min Scan# 764
Delta R.T. 0.13 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

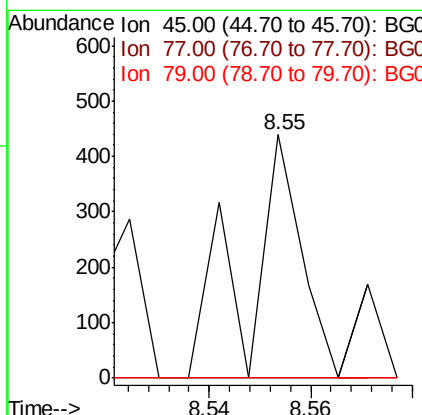
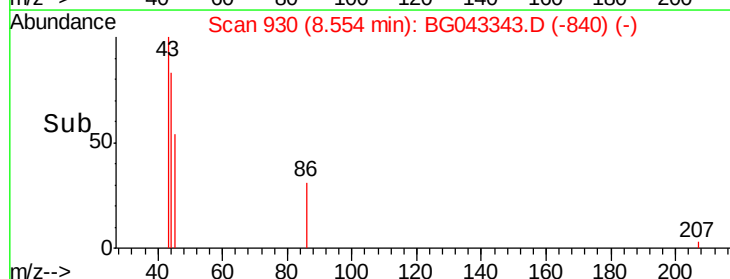
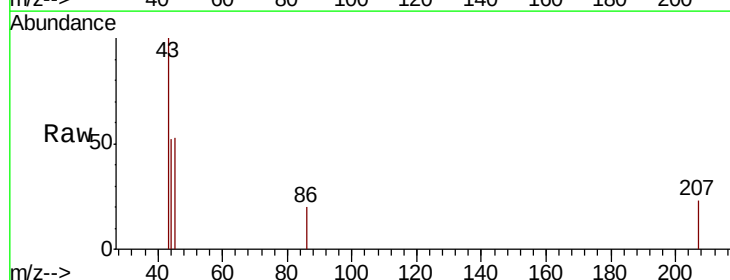
Instrument :
BNA_G
ClientSampleId :
OR-02-102319

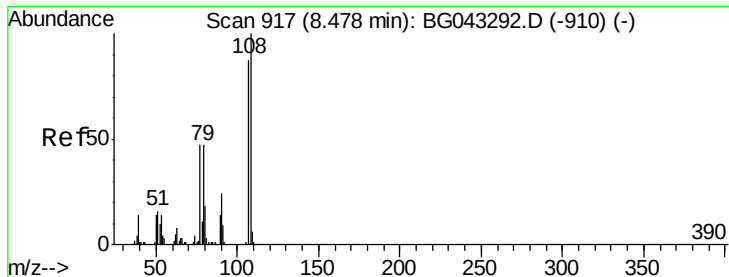
Tot Ion: 93 Resp: 499
Ion Ratio Lower Upper
93 100
63 248.1 54.6 94.6#
95 243.8 9.7 49.7#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.116 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion: 45 Resp: 326
Ion Ratio Lower Upper
45 100
77 0.0 0.0 34.2
79 0.0 0.0 32.3





#17

2-Methylphenol

Concen: 0.031 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.05 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

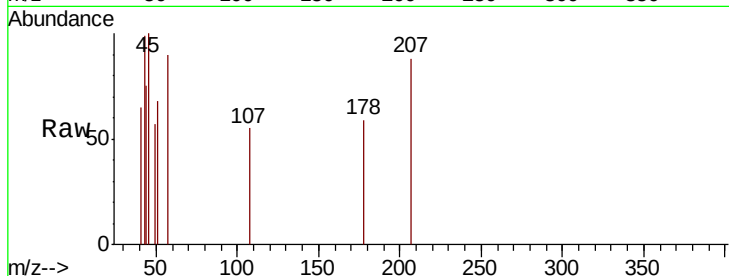
Instrument :

BNA_G

ClientSampleId :

OR-02-102319

Tot Ion:	107	Resp:	56
Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.3	136.9#
77	0.0	43.0	64.6#
79	0.0	43.4	65.2#



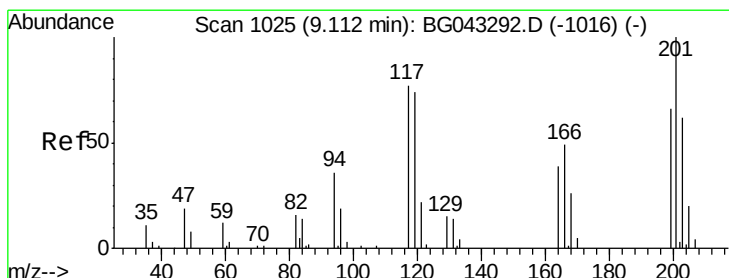
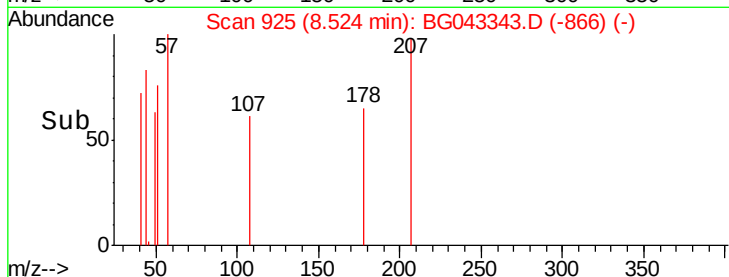
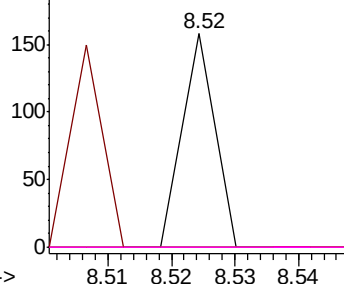
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 0.063 ng

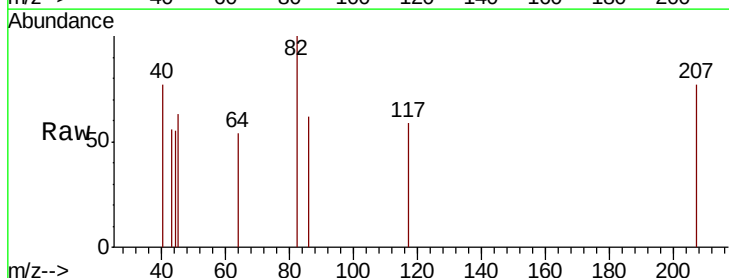
RT: 9.44 min Scan# 1081

Delta R.T. 0.33 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Tgt Ion:	117	Resp:	61
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.3	115.9#
201	0.0	104.2	156.4#

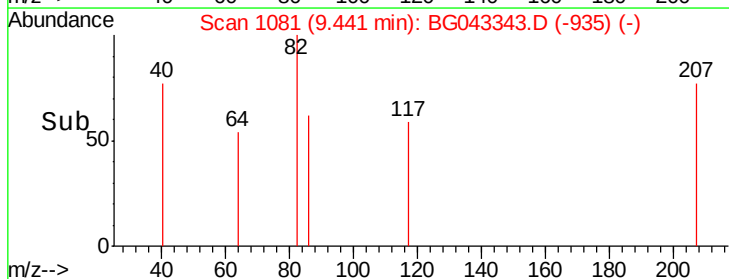
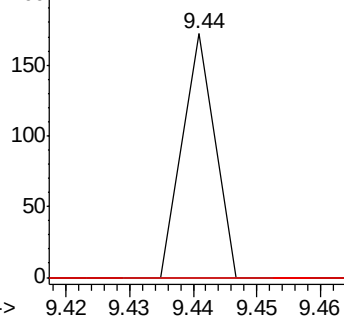


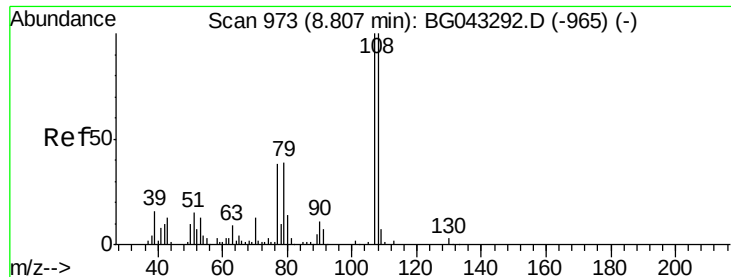
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

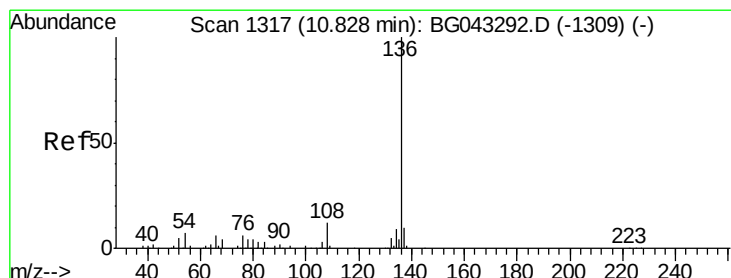
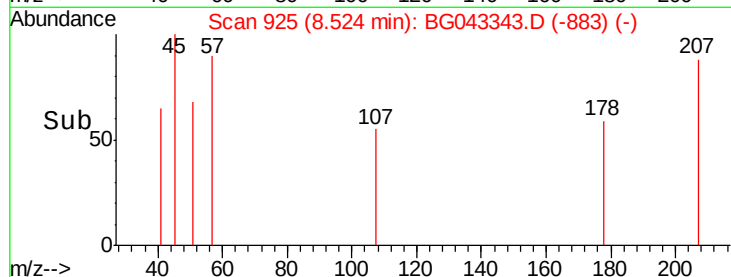
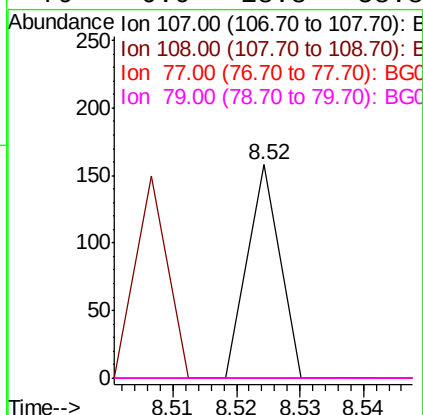
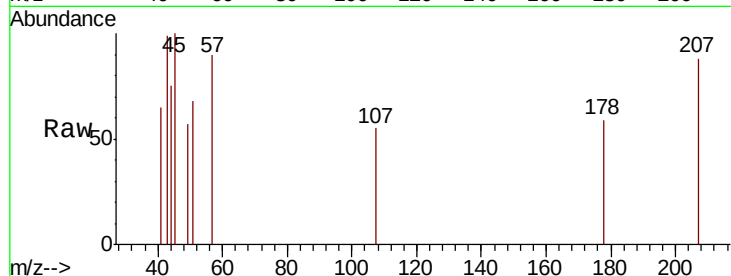




#20
3+4-Methylphenols
Concen: 0.022 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.28 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

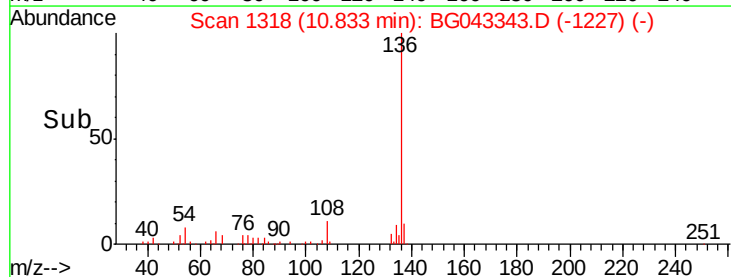
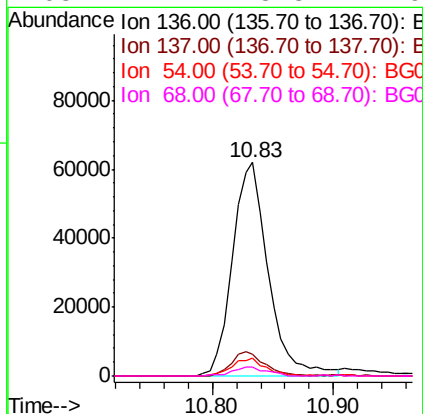
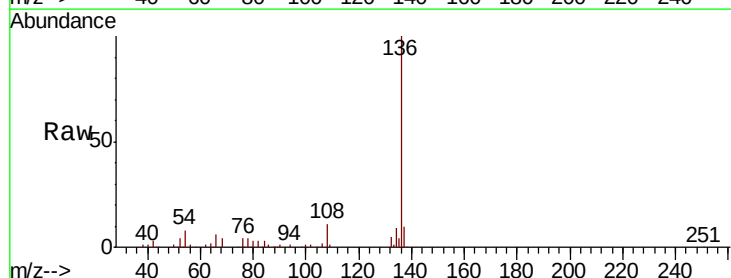
Instrument :
BNA_G
ClientSampleId :
OR-02-102319

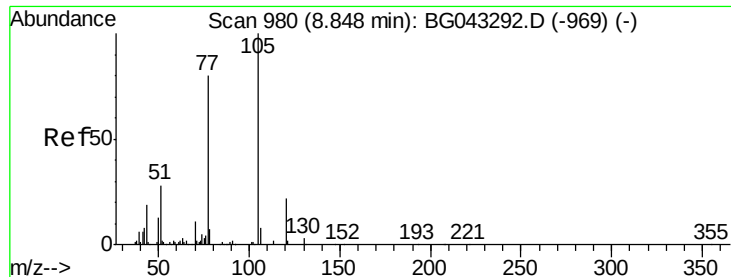
Tot Ion:	107	Resp:	56
Ion	Ratio	Lower	Upper
107	100		
108	0.0	80.3	120.3#
77	0.0	18.2	58.2#
79	0.0	18.8	58.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion:	136	Resp:	127833
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.2
54	8.2	5.4	8.2#
68	4.1	3.3	4.9





#22

Acetophenone

Concen: 0.042 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

Tot Ion:105 Resp: 138

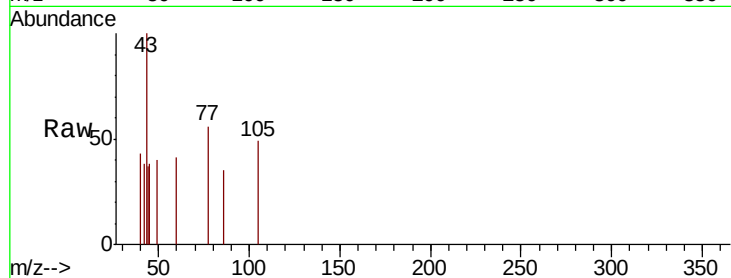
Ion Ratio Lower Upper

105 100

71 0.0 1.5 2.3#

51 0.0 23.9 35.9#

120 0.0 17.3 25.9#



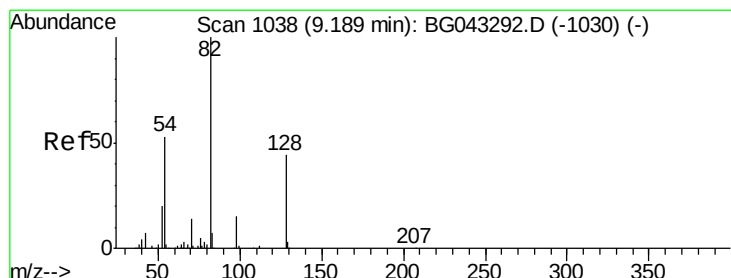
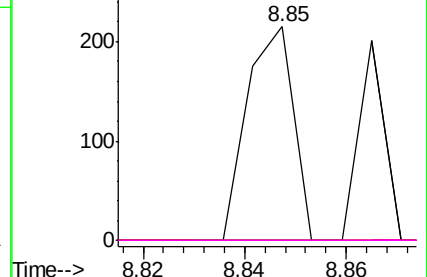
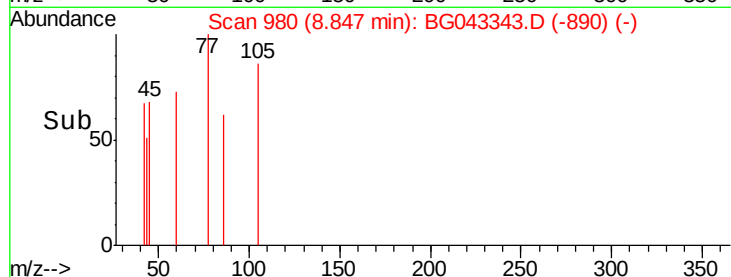
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 93.391 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

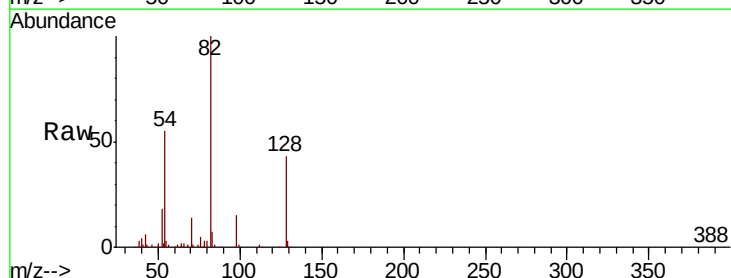
Tgt Ion: 82 Resp: 231570

Ion Ratio Lower Upper

82 100

128 43.2 35.3 52.9

54 55.2 42.3 63.5

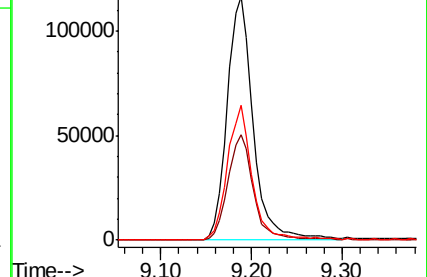
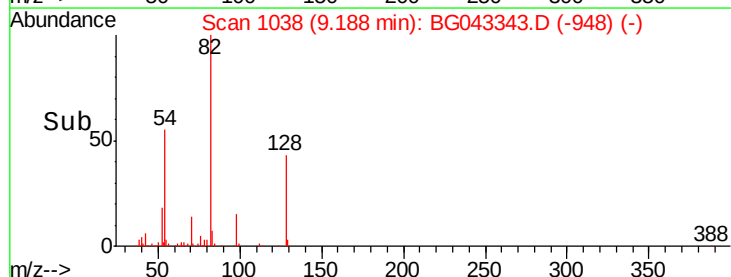


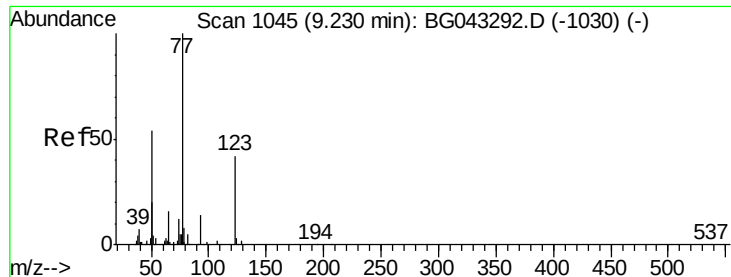
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->

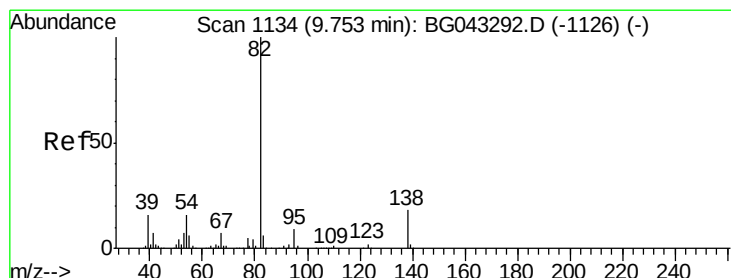
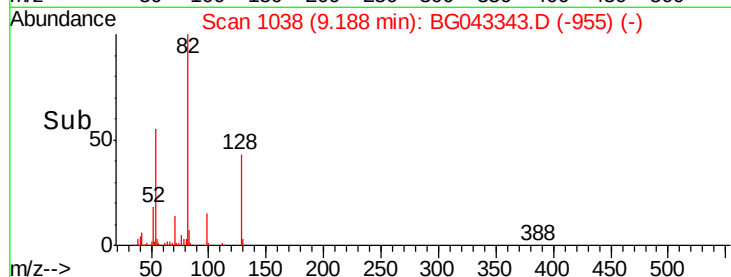
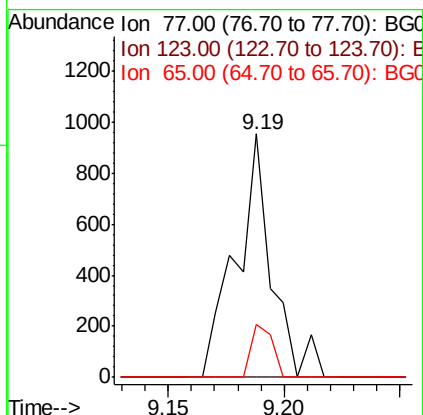
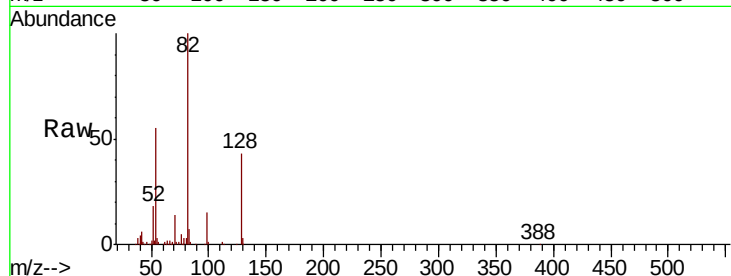




#24
 Nitrobenzene
 Concen: 0.434 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.04 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

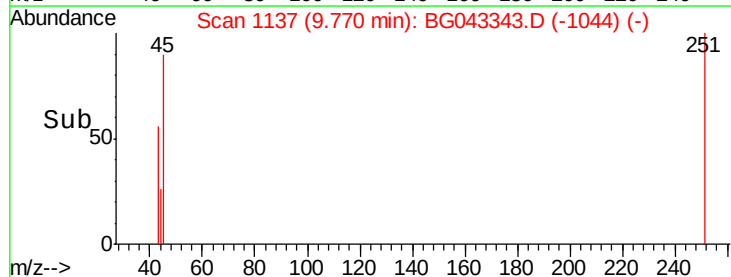
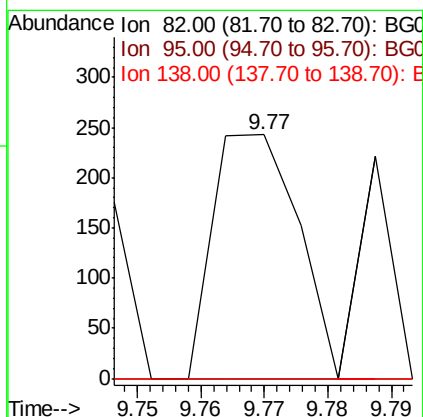
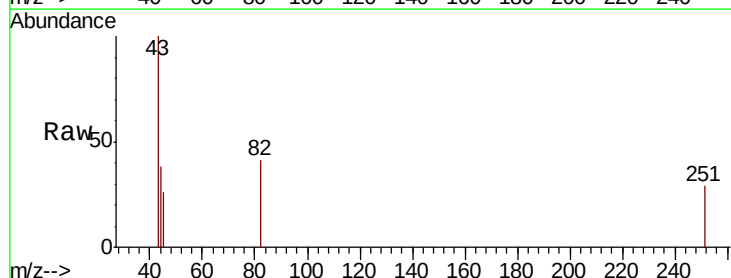
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-102319

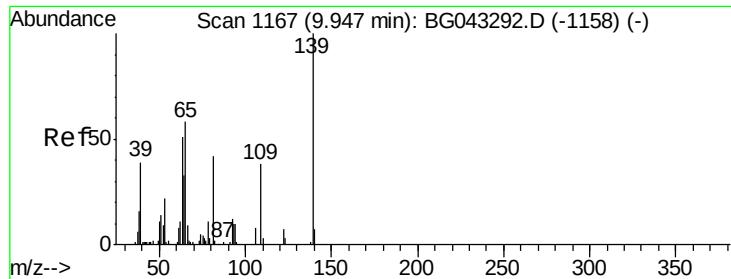
Tot Ion	Ratio	Lower	Upper
77	100		
123	16.9	33.8	50.8#
65	21.7	13.0	19.4#



#25
 Isophorone
 Concen: 0.050 ng
 RT: 9.77 min Scan# 1137
 Delta R.T. 0.02 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.9	10.3#
138	0.0	14.2	21.2#

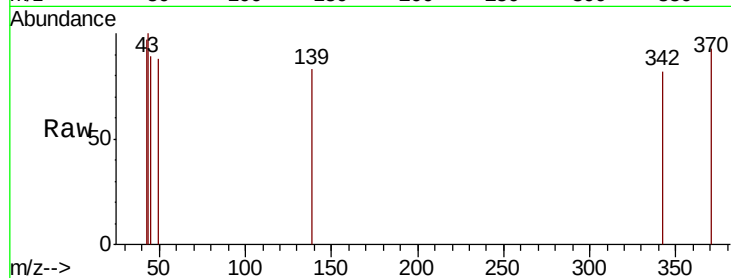




#26
2-Nitrophenol
Concen: 0.047 ng
RT: 10.39 min Scan# 1243
Delta R.T. 0.45 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Instrument :
BNA_G
ClientSampleId :
OR-02-102319

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.1	45.1#
65	0.0	46.1	69.1#

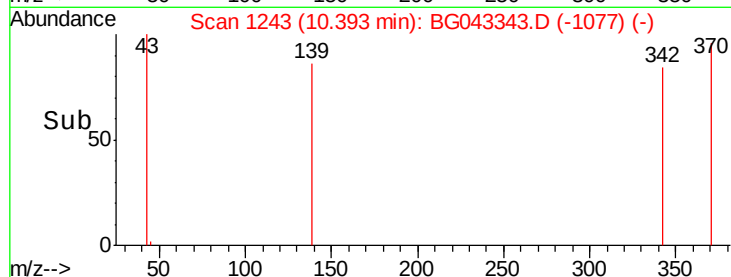
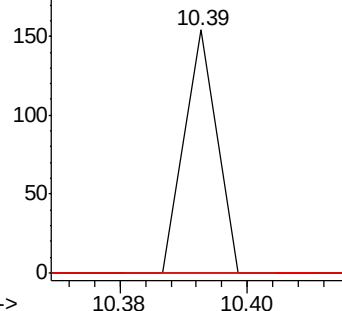


Abundance

Ion 139.00 (138.70 to 139.70): E

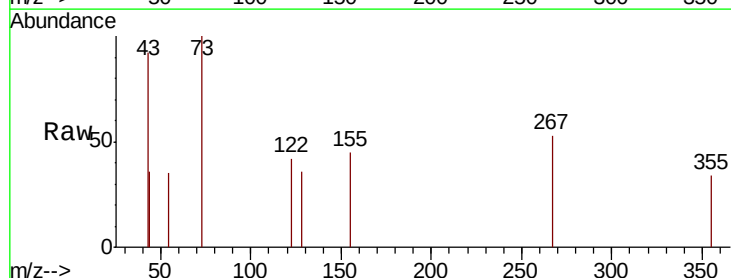
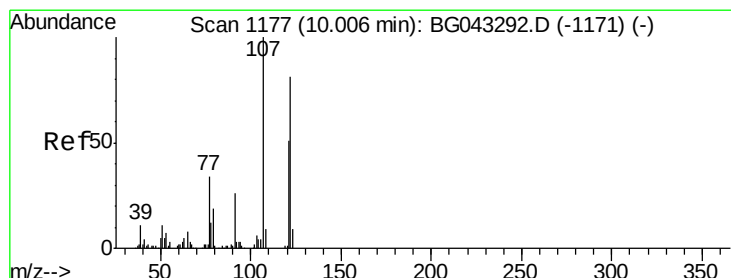
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#27
2,4-Dimethylphenol
Concen: 0.040 ng
RT: 9.59 min Scan# 1107
Delta R.T. -0.41 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.6	147.8#
121	0.0	50.1	75.1#

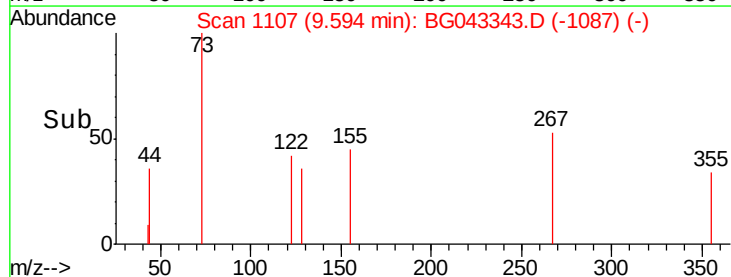
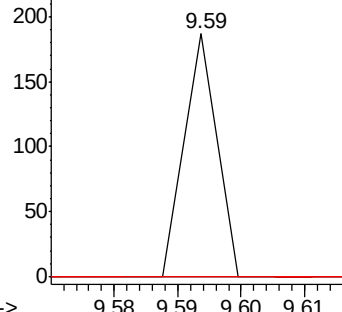


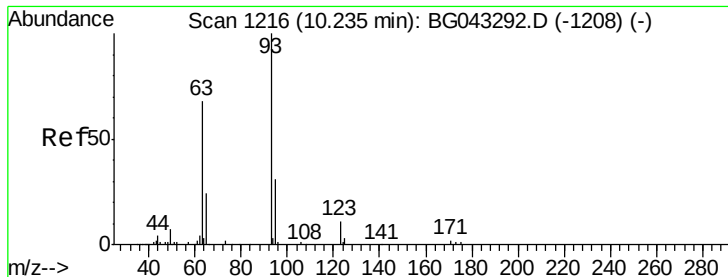
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

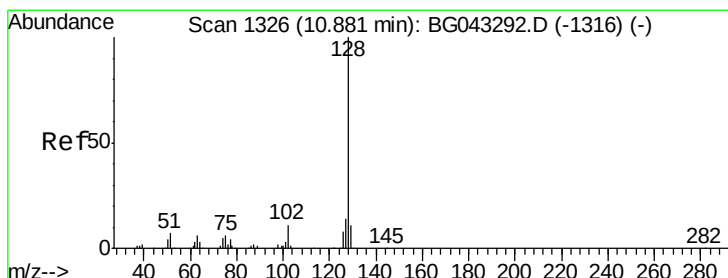
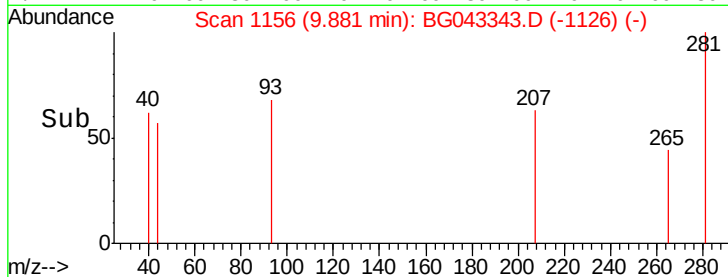
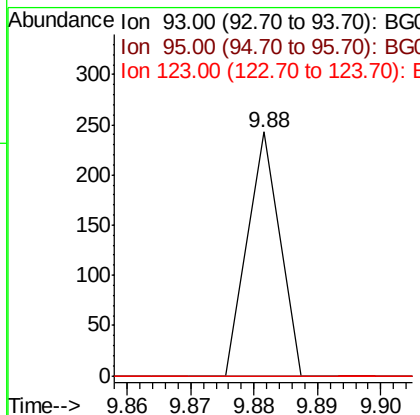
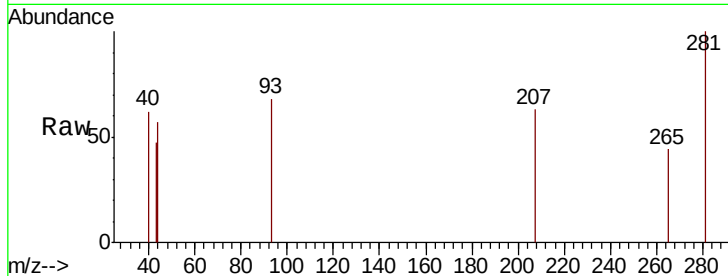




#28
bis(2-Chloroethoxy)methane
Concen: 0.034 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.35 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

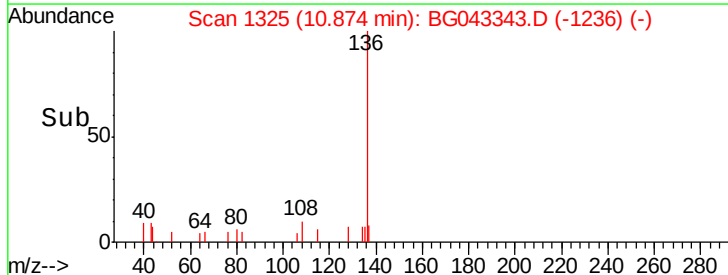
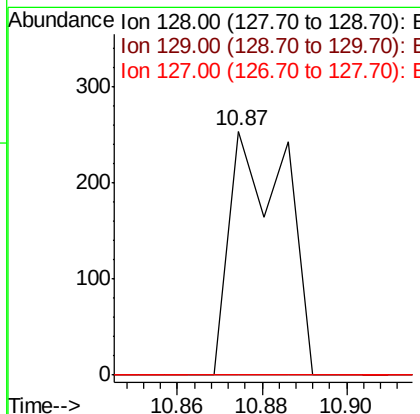
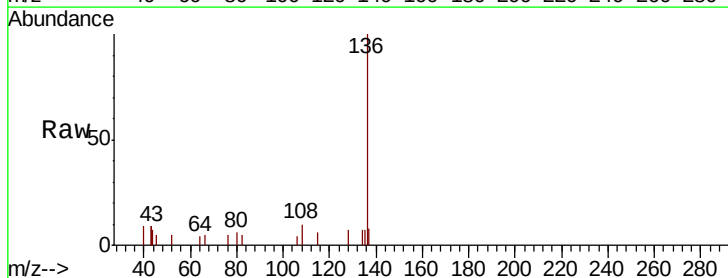
Instrument :
BNA_G
ClientSampleId :
OR-02-102319

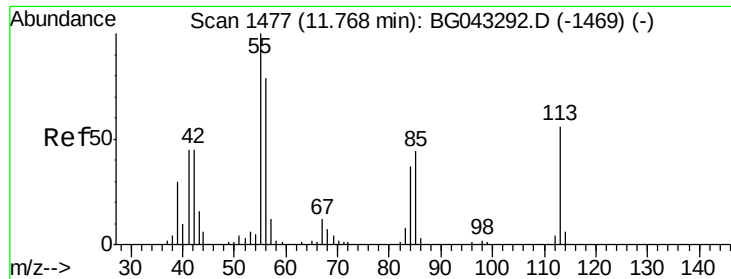
Tot Ion: 93 Resp: 86
Ion Ratio Lower Upper
93 100
95 0.0 24.9 37.3#
123 0.0 8.9 13.3#



#31
Naphthalene
Concen: 0.036 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion: 128 Resp: 232
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.5 17.3#





#35

Caprolactam

Concen: 0.078 ng

RT: 11.29 min Scan# 1395

Delta R.T. -0.48 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

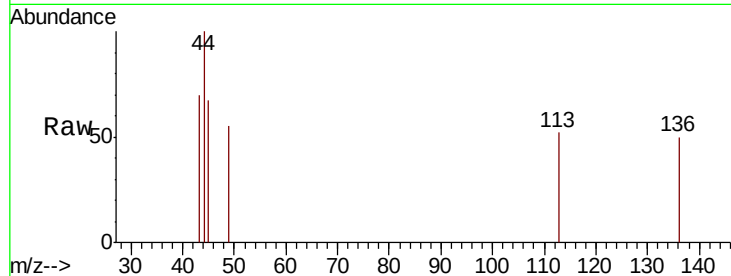
Tot Ion:113 Resp: 56

Ion Ratio Lower Upper

113 100

55 0.0 158.9 198.9#

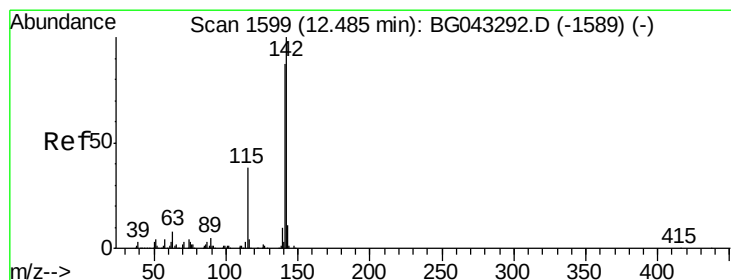
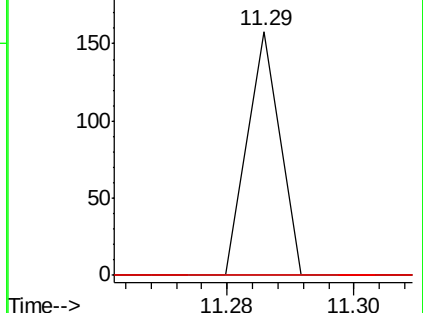
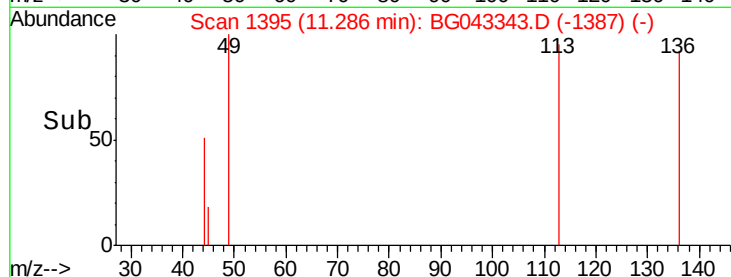
56 0.0 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#37

2-Methylnaphthalene

Concen: 0.015 ng

RT: 12.50 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

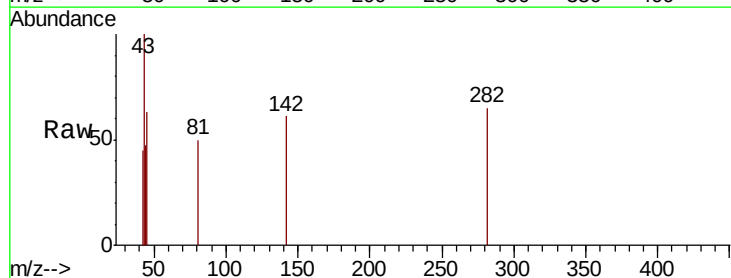
Tgt Ion:142 Resp: 73

Ion Ratio Lower Upper

142 100

141 0.0 69.7 104.5#

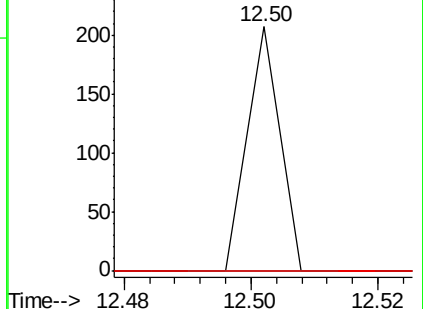
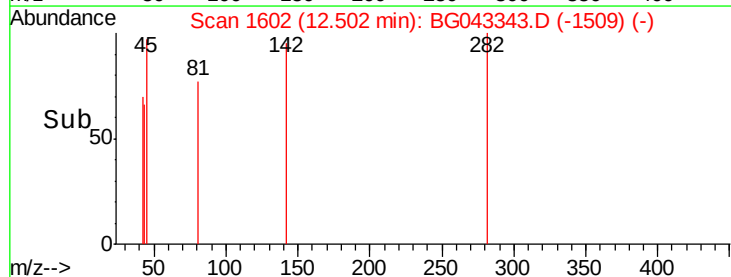
115 0.0 30.6 46.0#

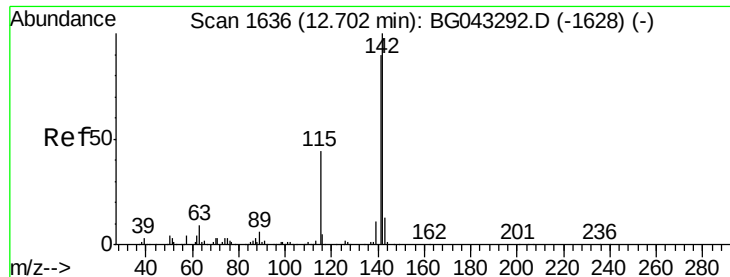


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

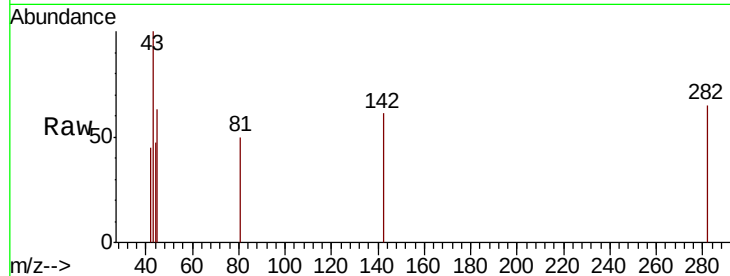




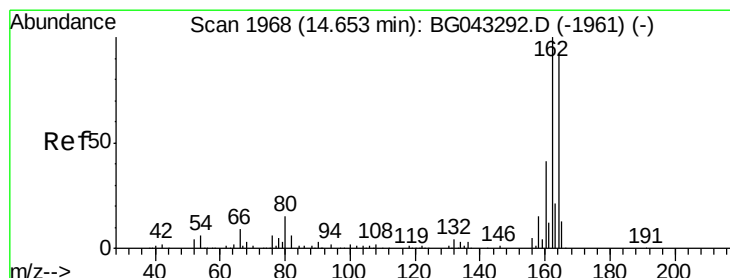
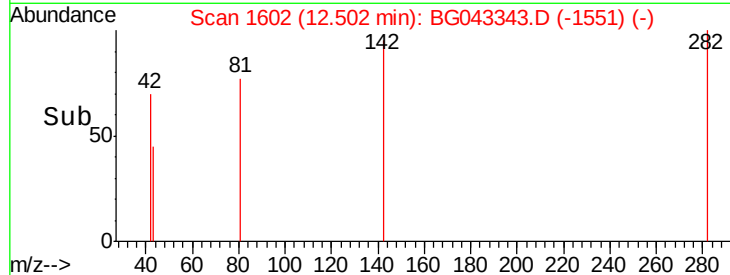
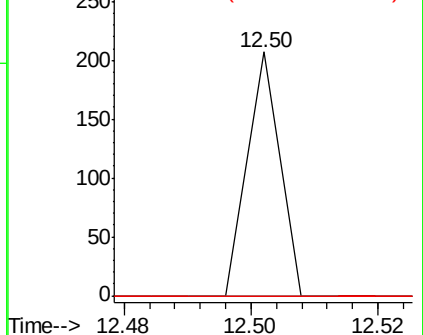
#38
1-Methylnaphthalene
Concen: 0.015 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.20 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Instrument :
BNA_G
ClientSampleId :
OR-02-102319

Tot Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
141 0.0 72.3 108.5#
116 0.0 3.8 5.6#

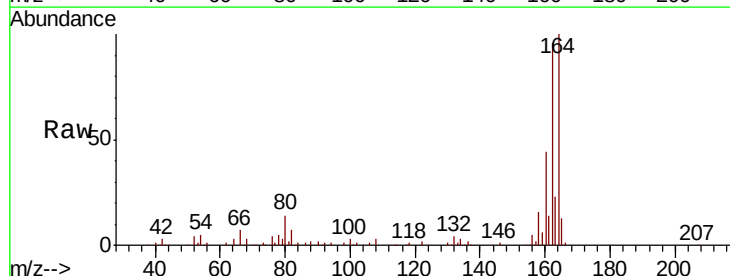


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

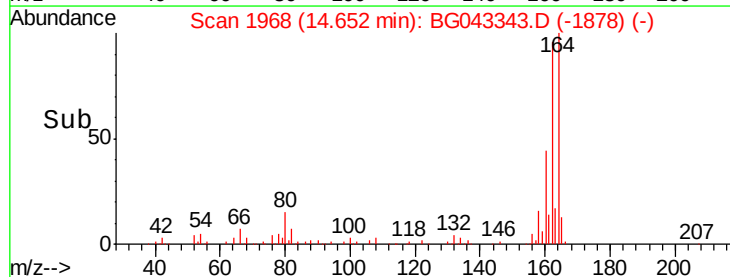
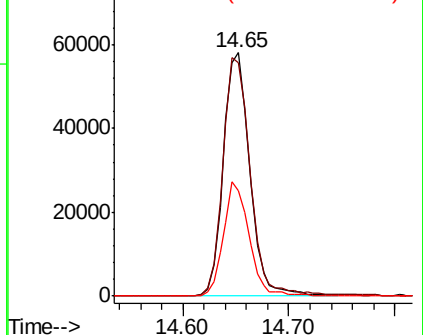


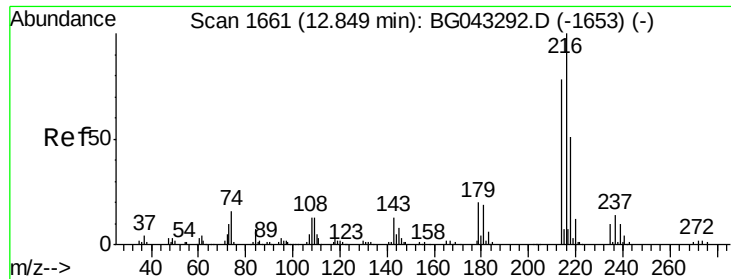
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion:164 Resp: 101275
Ion Ratio Lower Upper
164 100
162 95.6 87.0 130.4
160 43.5 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

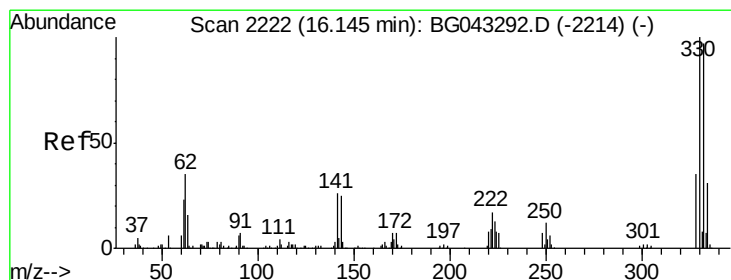
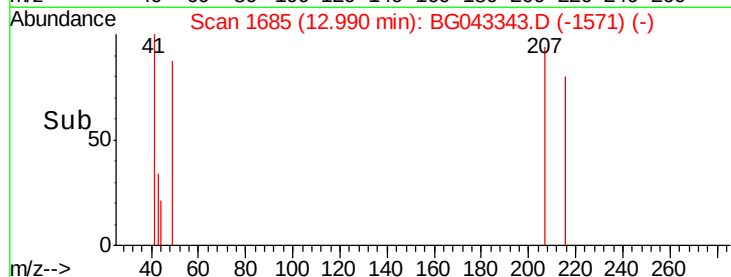
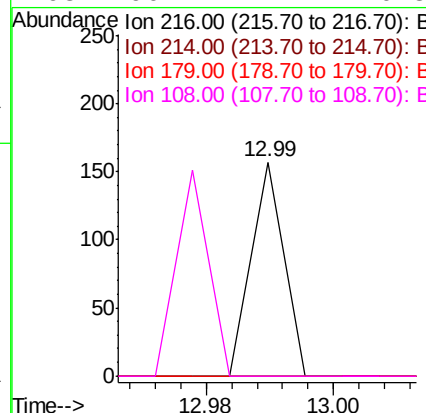
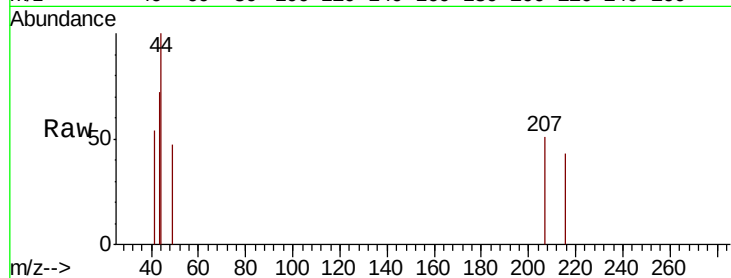




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.015 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. 0.14 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

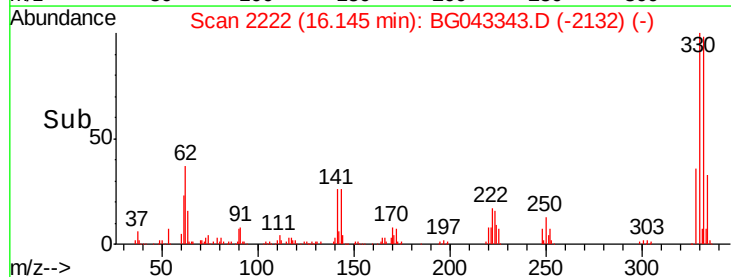
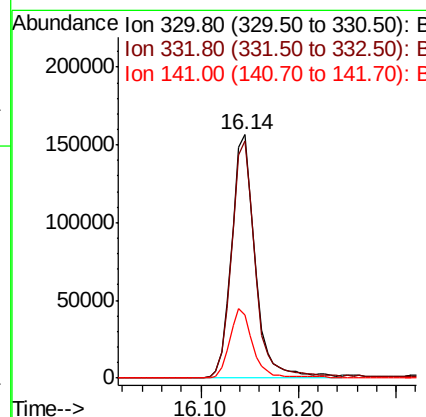
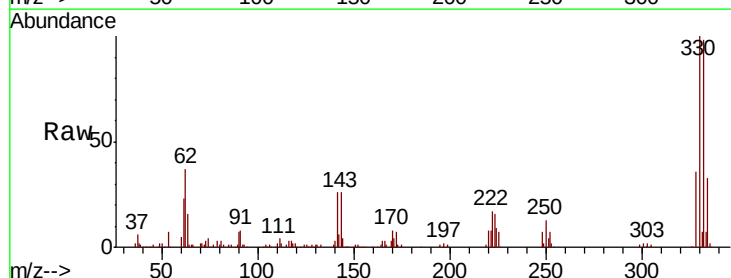
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-102319

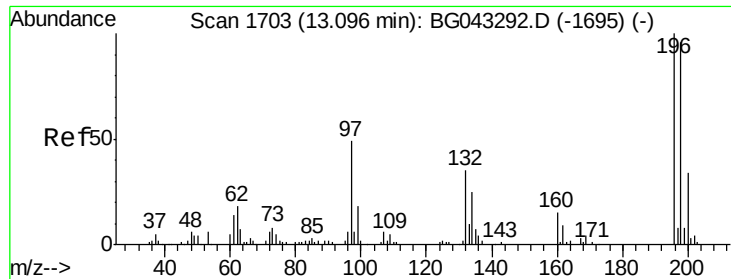
Tot Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.5	95.3#
179	0.0	16.2	24.2#
108	96.4	11.2	16.8#



#42
 2,4,6-Tribromophenol
 Concen: 137.204 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.4	114.6
141	28.8	21.4	32.0

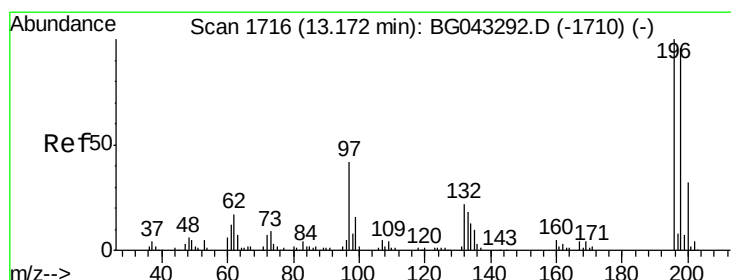
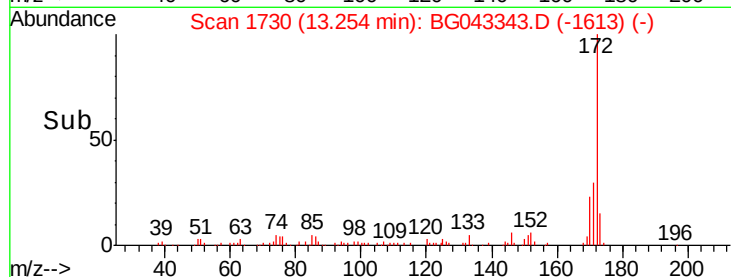
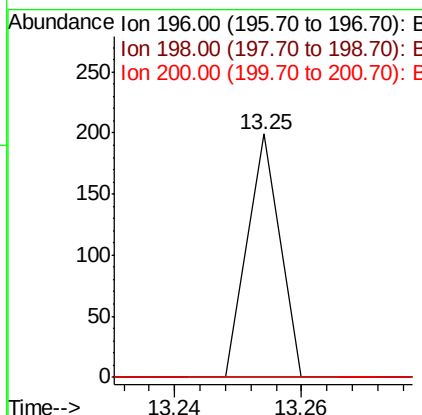
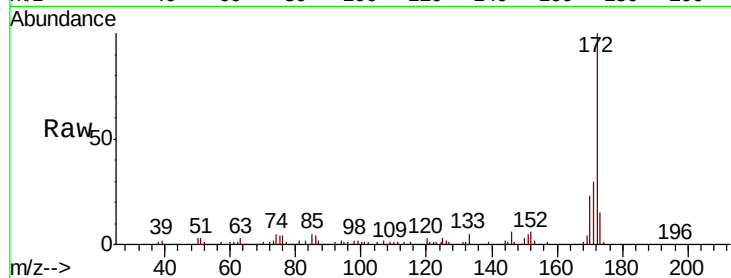




#43
 2,4,6-Trichlorophenol
 Concen: 0.032 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.16 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

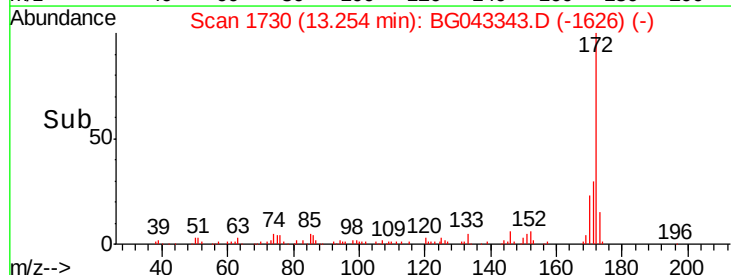
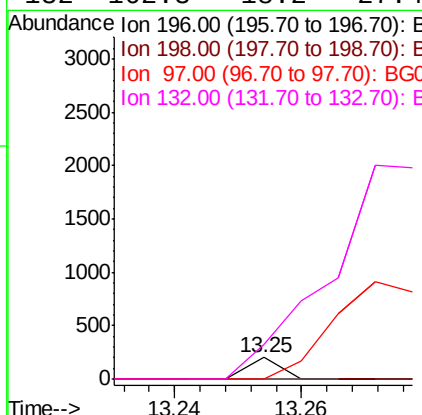
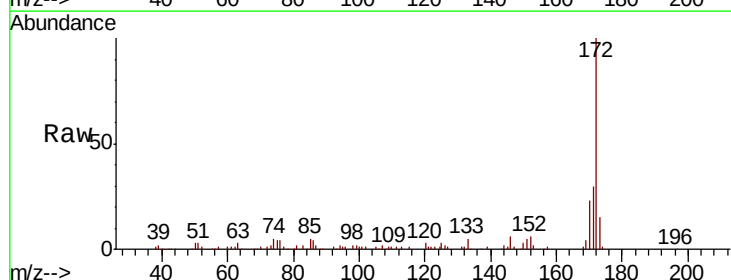
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-102319

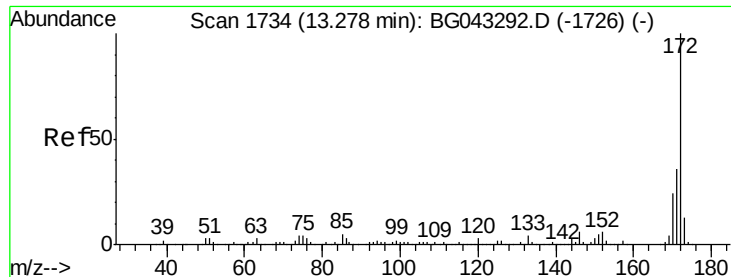
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.0	115.4#
200	0.0	27.4	41.2#



#44
 2,4,5-Trichlorophenol
 Concen: 0.031 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.08 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.6	114.8#
97	0.0	34.1	51.1#
132	162.3	18.2	27.4#

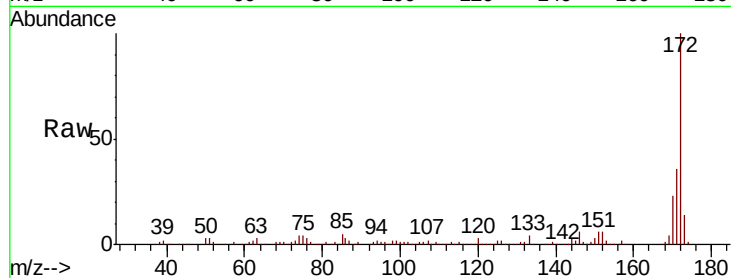




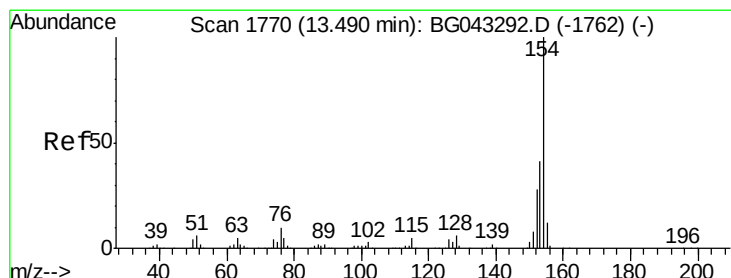
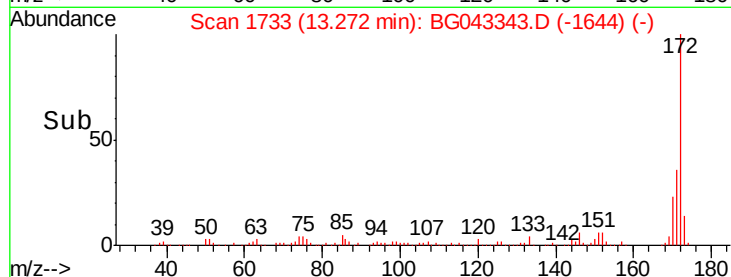
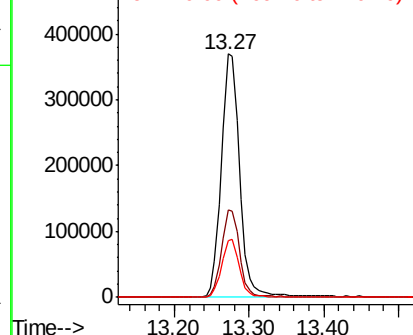
#45
2-Fluorobiphenyl
Concen: 86.861 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Instrument :
BNA_G
ClientSampleId :
OR-02-102319

Tot Ion:172 Resp: 636623
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.3 18.8 28.2

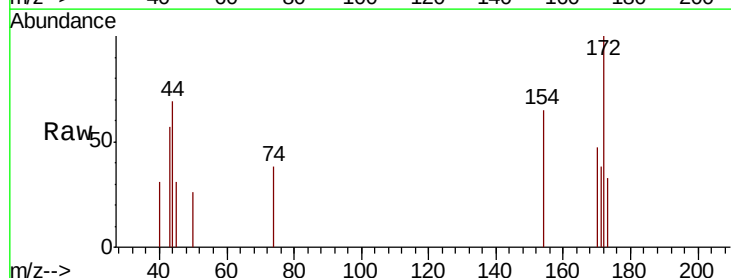


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

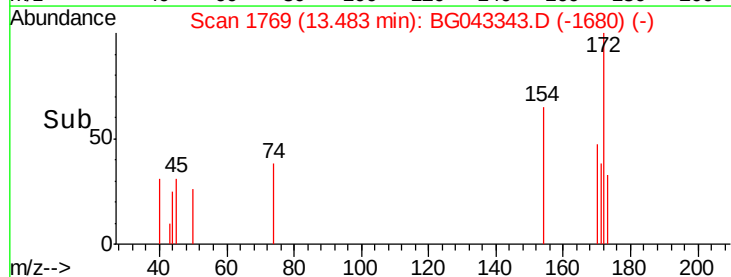
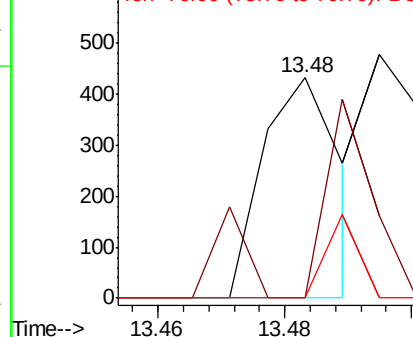


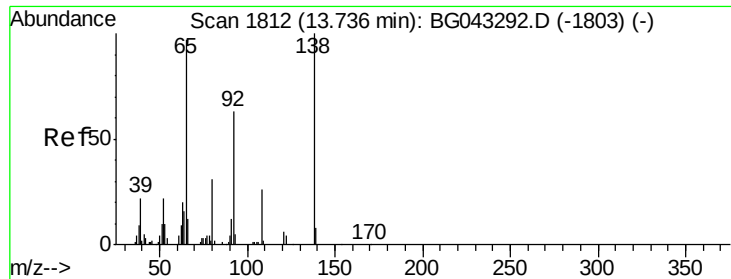
#46
1,1'-Biphenyl
Concen: 0.047 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion:154 Resp: 363
Ion Ratio Lower Upper
154 100
153 0.0 21.0 61.0#
76 0.0 0.0 29.8



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

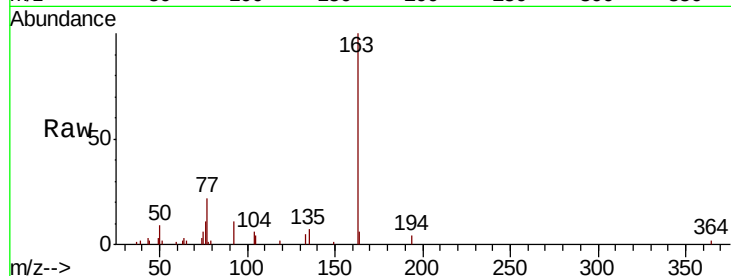




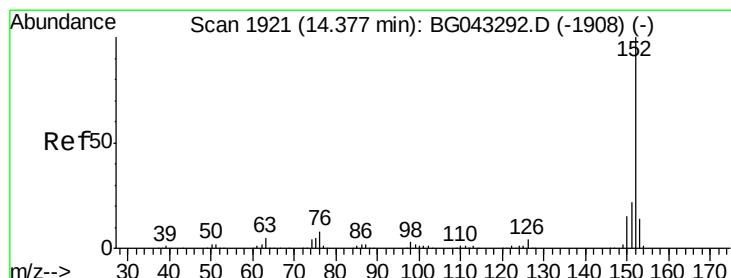
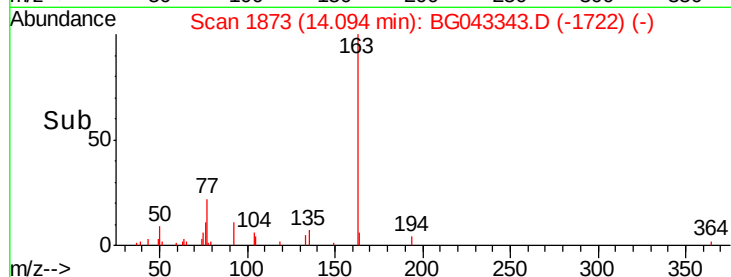
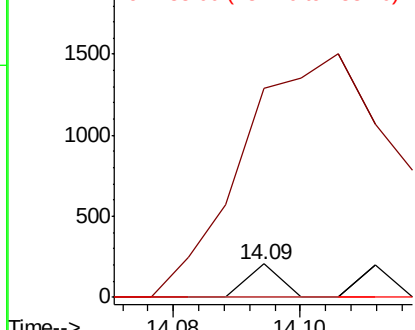
#48
2-Nitroaniline
Concen: 0.042 ng
RT: 14.09 min Scan# 1873
Delta R.T. 0.36 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Instrument :
BNA_G
ClientSampleId :
OR-02-102319

Tot Ion: 65 Resp: 73
Ion Ratio Lower Upper
65 100
92 627.7 52.6 79.0#
138 0.0 82.9 124.3#

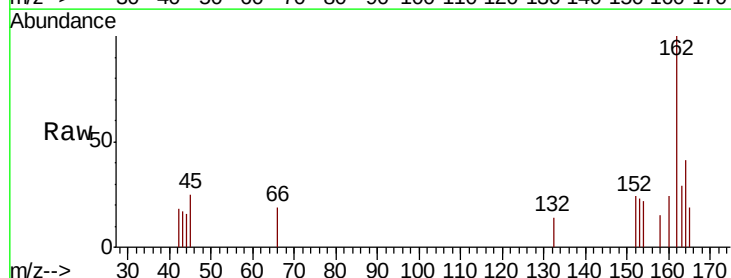


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

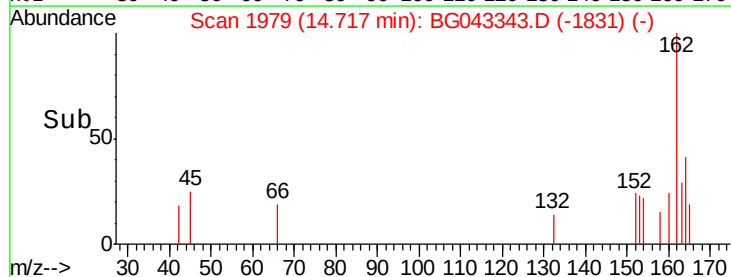
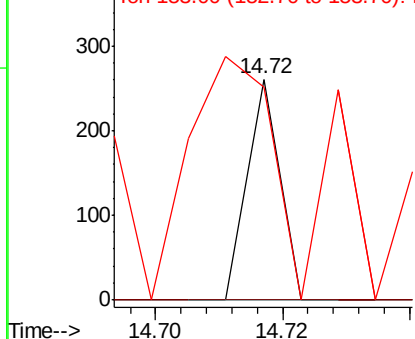


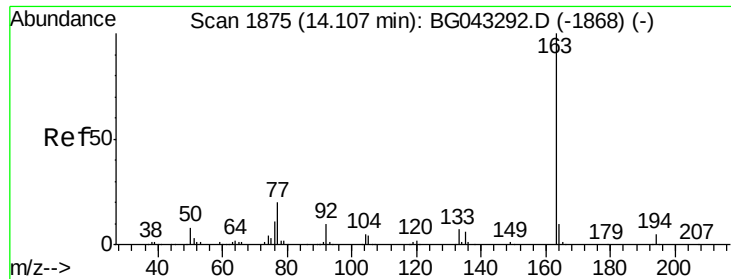
#49
Acenaphthylene
Concen: 0.010 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.34 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion: 152 Resp: 92
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 96.6 11.0 16.6#



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





#50

Dimethylphthalate

Concen: 3.729 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

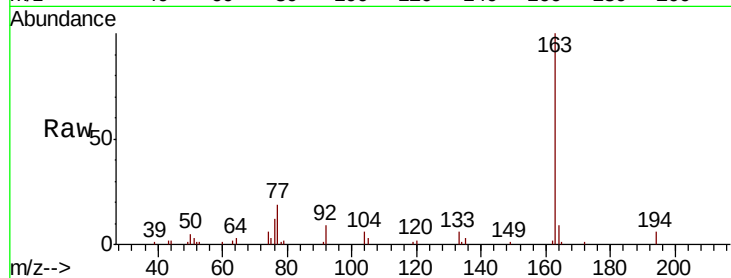
Tot Ion:163 Resp: 29253

Ion Ratio Lower Upper

163 100

194 5.7 3.7 5.5#

164 9.3 8.1 12.1

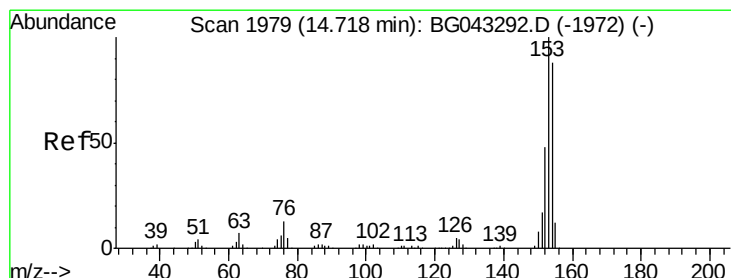
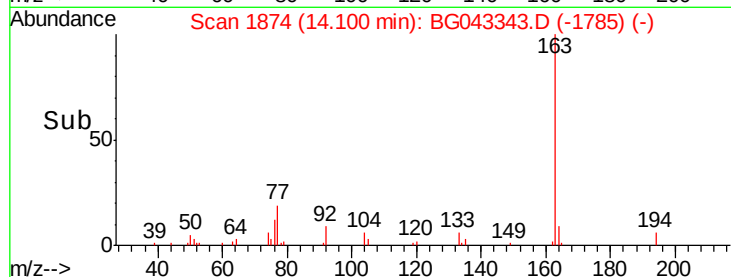
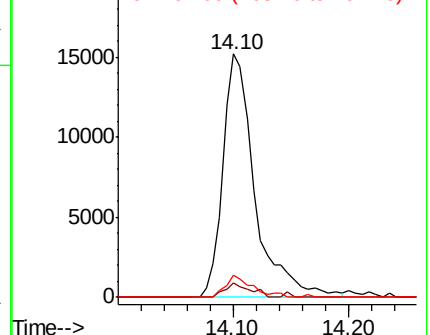


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 0.042 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

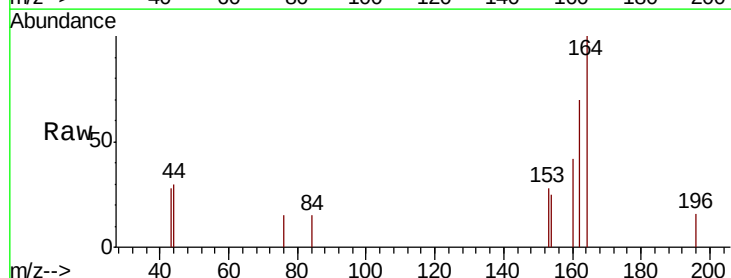
Tgt Ion:154 Resp: 234

Ion Ratio Lower Upper

154 100

153 109.1 90.9 136.3

152 0.0 43.9 65.9#

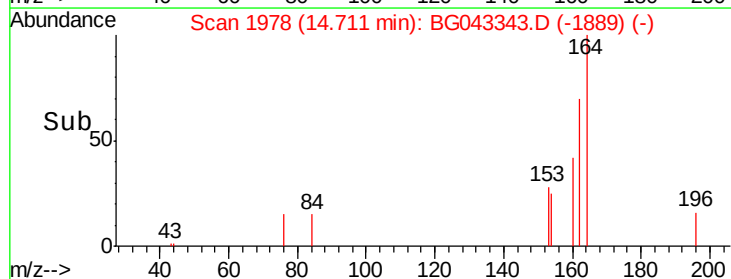
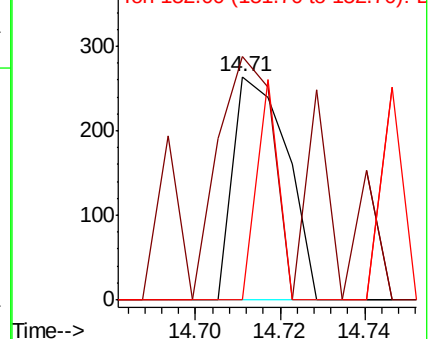


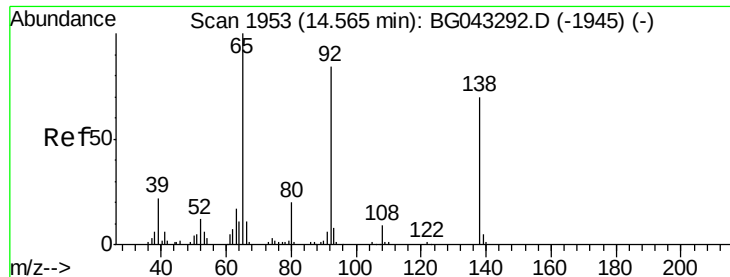
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

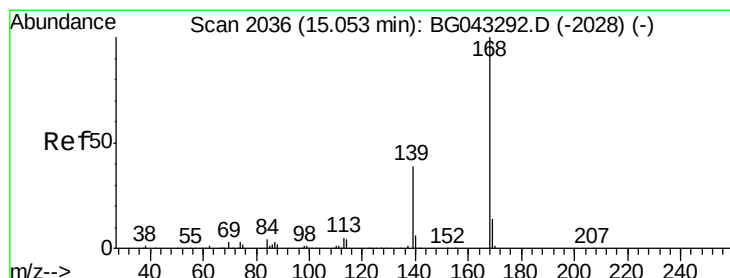
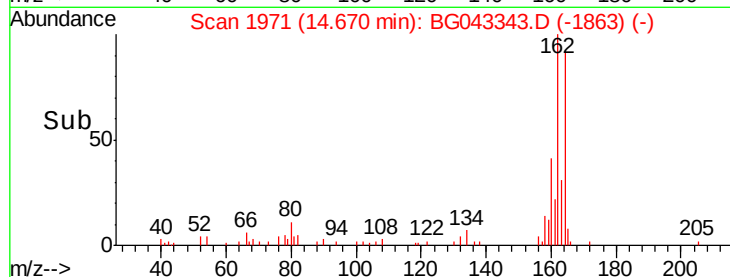
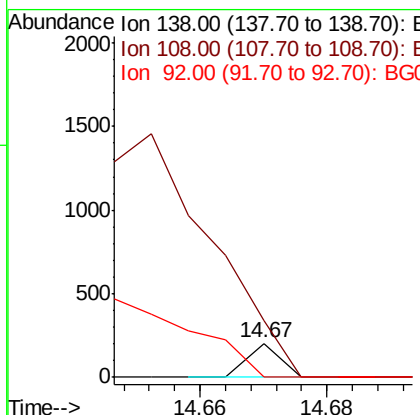
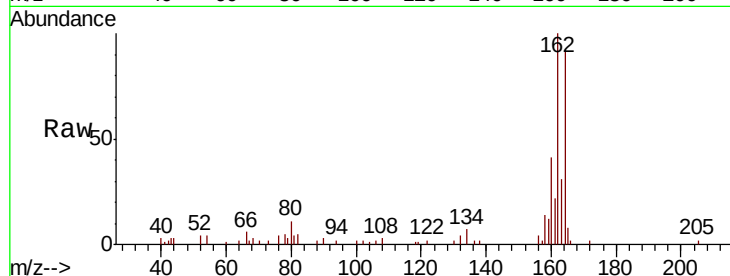




#53
3-Nitroaniline
Concen: 0.043 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.11 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

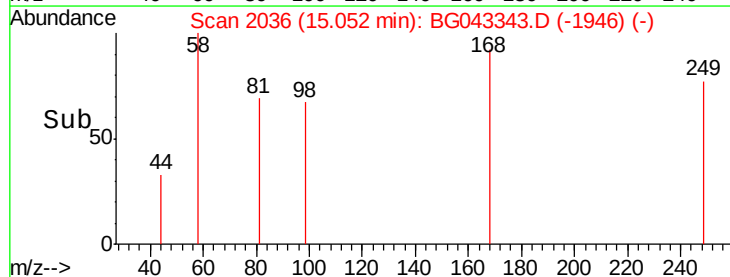
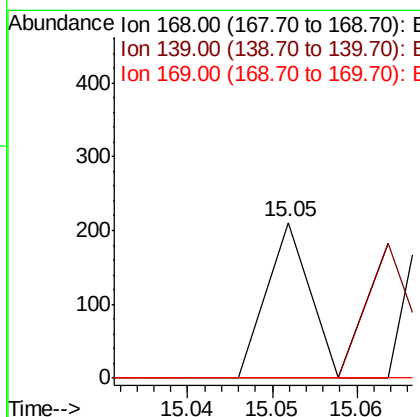
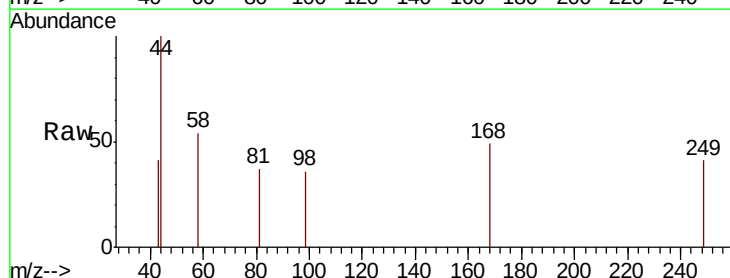
Instrument :
BNA_G
ClientSampleId :
OR-02-102319

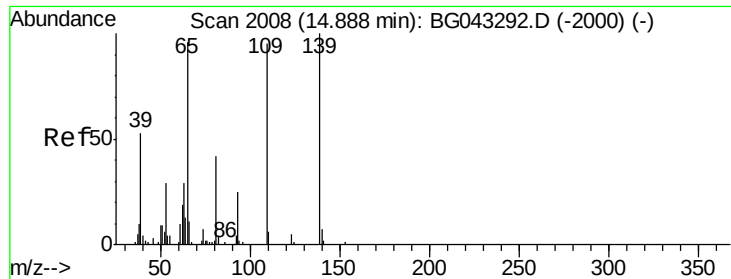
Tot Ion:138 Resp: 71
Ion Ratio Lower Upper
138 100
108 169.2 9.8 14.6#
92 0.0 95.8 143.6#



#55
Dibenzofuran
Concen: 0.008 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion:168 Resp: 74
Ion Ratio Lower Upper
168 100
139 0.0 31.7 47.5#
169 0.0 11.0 16.4#





#56

4-Nitrophenol

Concen: 0.058 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.18 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

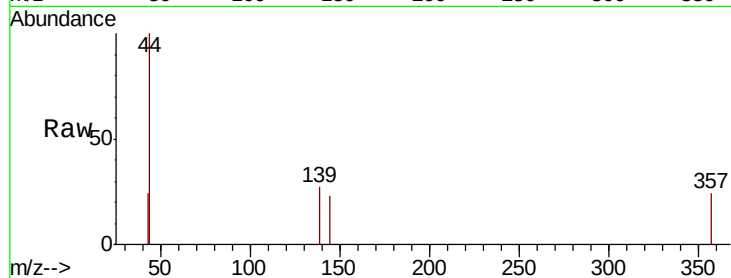
Tot Ion:139 Resp: 64

Ion Ratio Lower Upper

139 100

109 0.0 75.4 115.4#

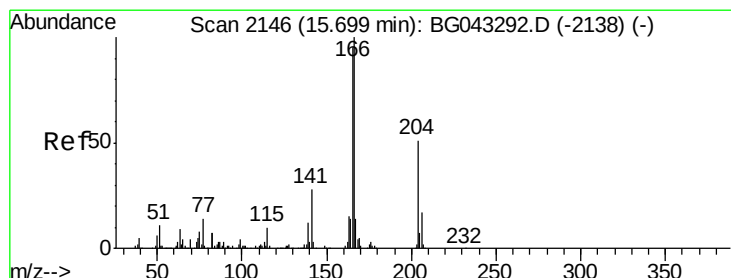
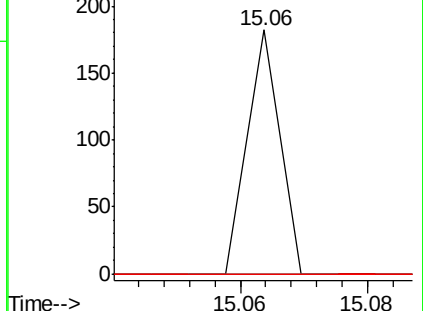
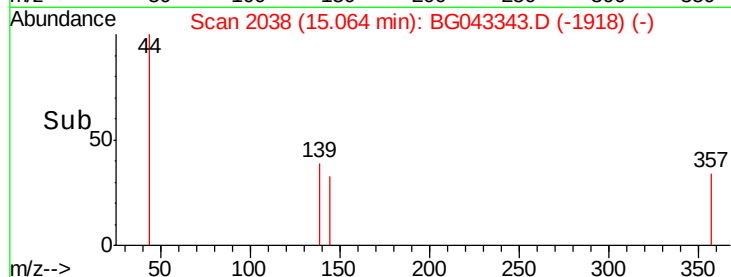
65 0.0 76.6 116.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#58

Fluorene

Concen: 0.032 ng

RT: 15.71 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

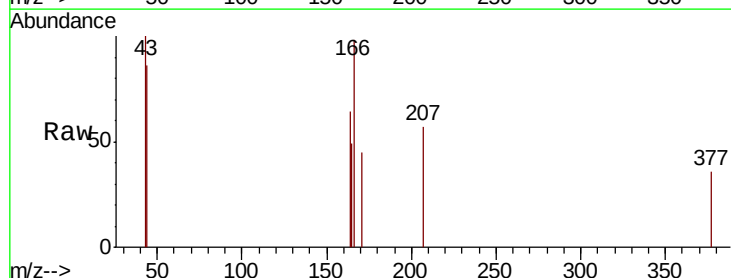
Tgt Ion:166 Resp: 245

Ion Ratio Lower Upper

166 100

165 50.0 76.4 114.6#

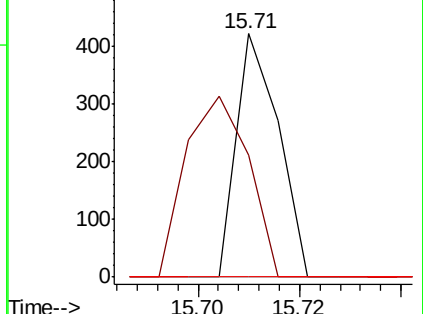
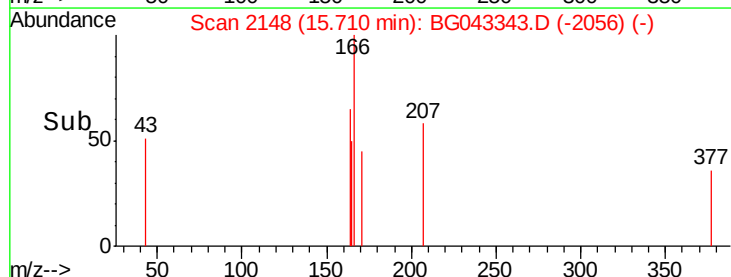
167 0.0 11.1 16.7#

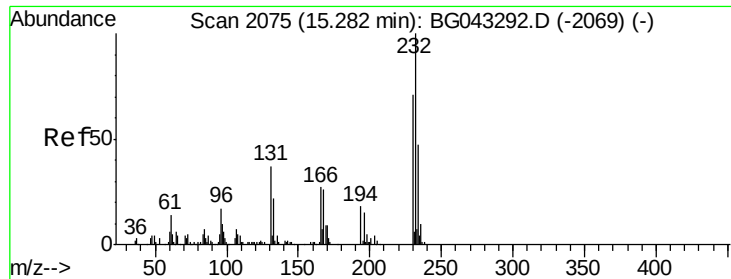


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 0.030 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.38 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

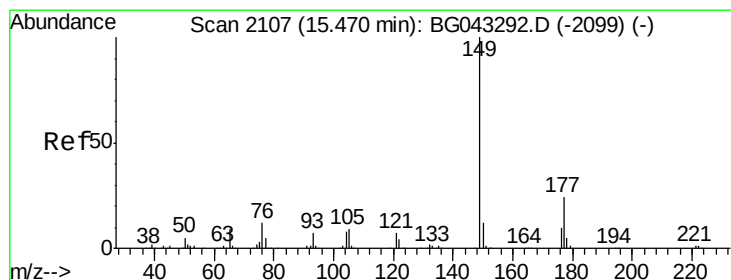
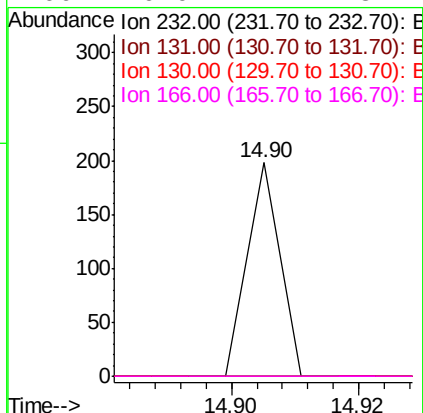
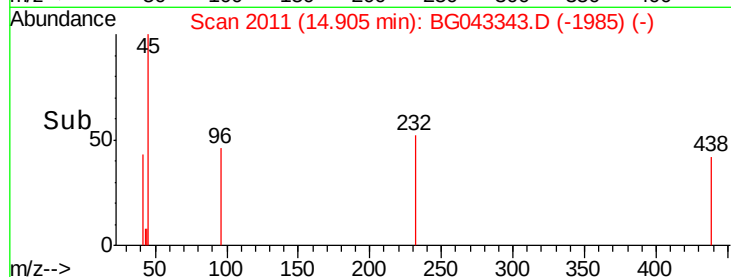
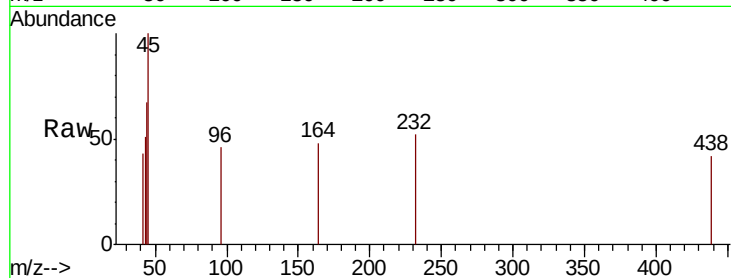
Instrument :

BNA_G

ClientSampleId :

OR-02-102319

Tot Ion:232	Resp:	70
Ion Ratio	Lower	Upper
232	100	
131	0.0	28.7 43.1#
130	0.0	0.6 0.8#
166	0.0	21.1 31.7#



#60

Diethylphthalate

Concen: 0.035 ng

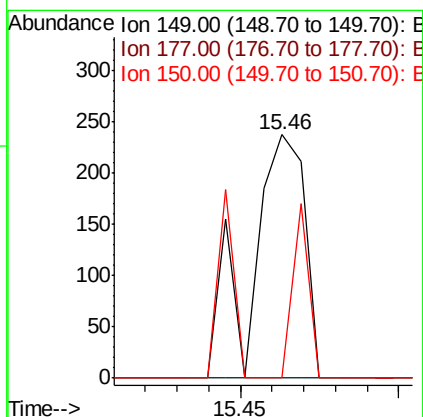
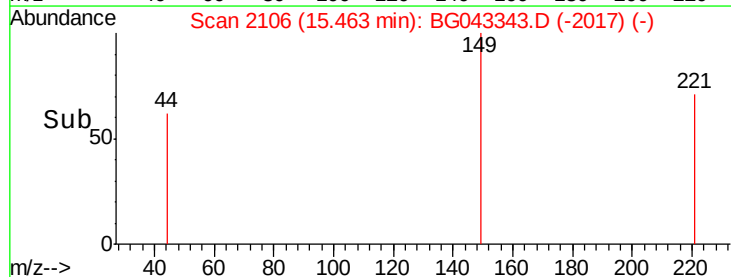
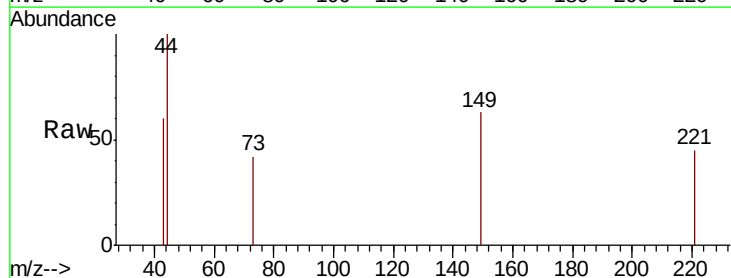
RT: 15.46 min Scan# 2106

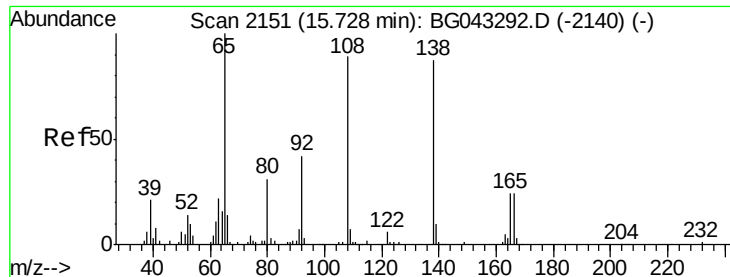
Delta R.T. -0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Tgt Ion:149	Resp:	278
Ion Ratio	Lower	Upper
149	100	
177	0.0	19.0 28.4#
150	0.0	9.4 14.0#





#62

4-Nitroaniline

Concen: 0.036 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.15 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

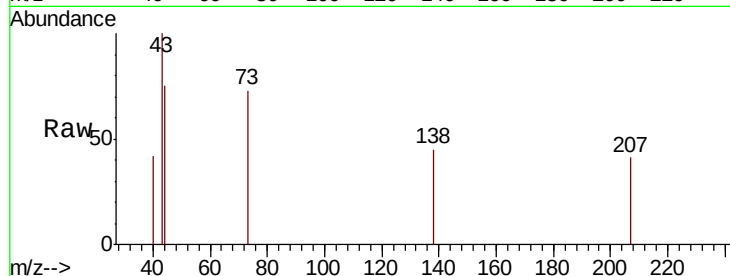
Tot Ion:138 Resp: 61

Ion Ratio Lower Upper

138 100

92 0.0 28.8 68.8#

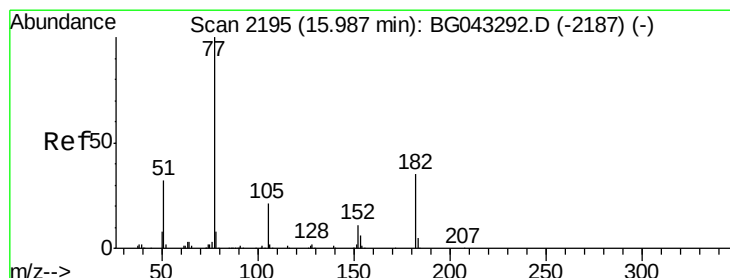
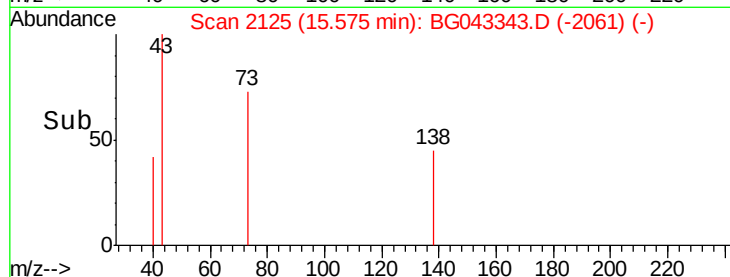
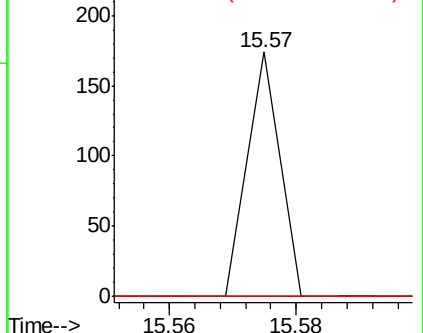
108 0.0 82.7 122.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.173 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.16 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Tgt Ion: 77 Resp: 1102

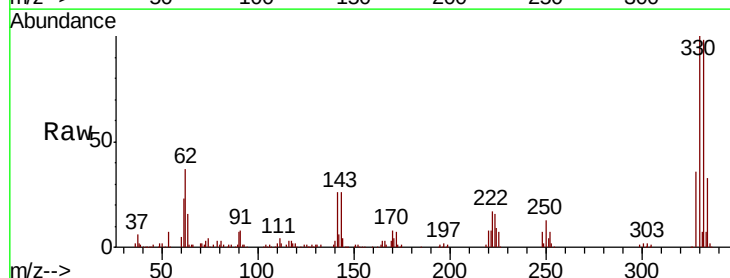
Ion Ratio Lower Upper

77 100

182 0.0 14.9 54.9#

105 75.7 0.6 40.6#

51 61.6 12.5 52.5#

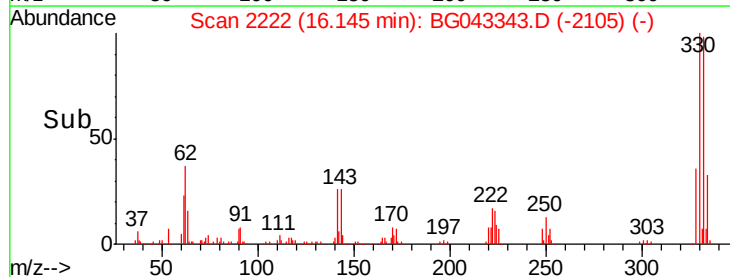
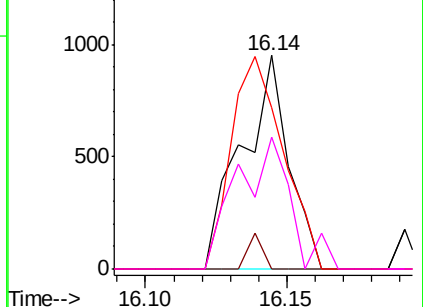


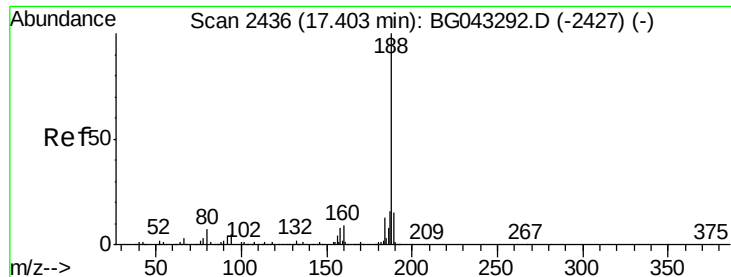
Abundance Ion 77.00 (76.70 to 77.70): BG

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

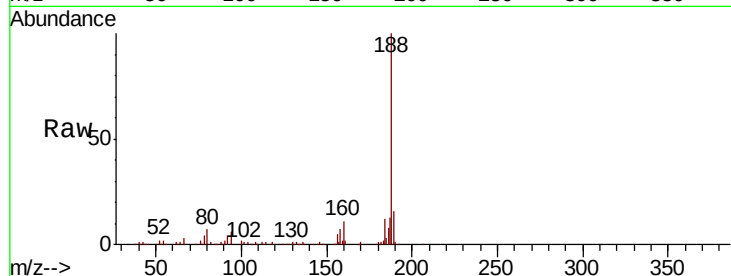
Tot Ion:188 Resp: 249968

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.2#

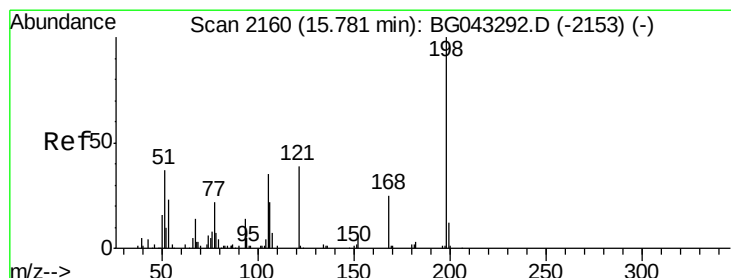
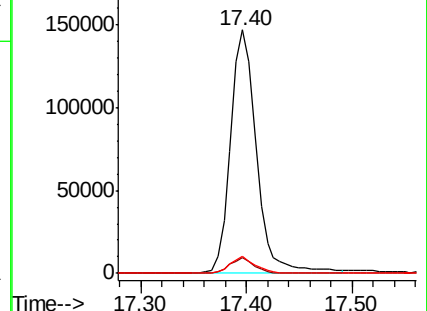
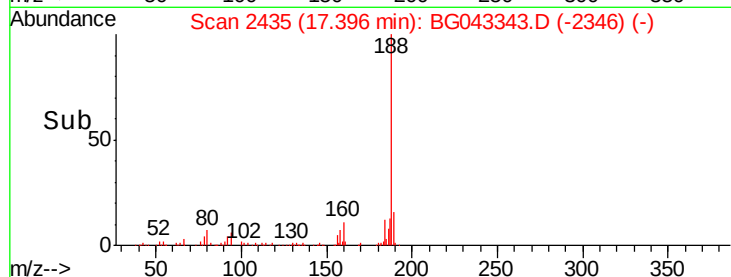
80 7.0 5.2 7.8



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: 0.537 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.36 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

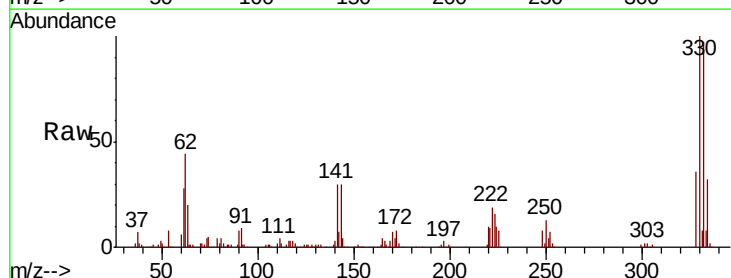
Tgt Ion:198 Resp: 790

Ion Ratio Lower Upper

198 100

51 59.2 21.4 61.4

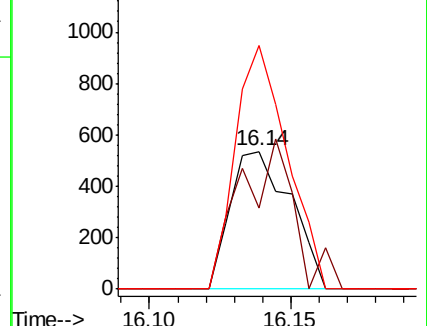
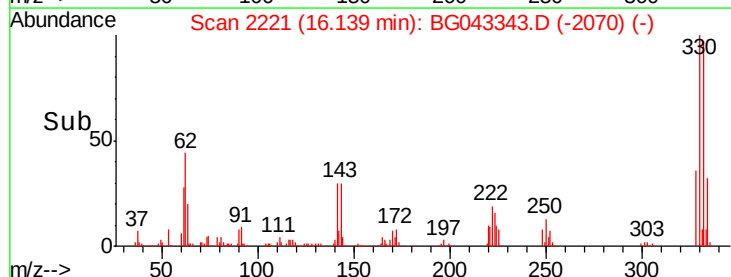
105 176.4 16.5 56.5#

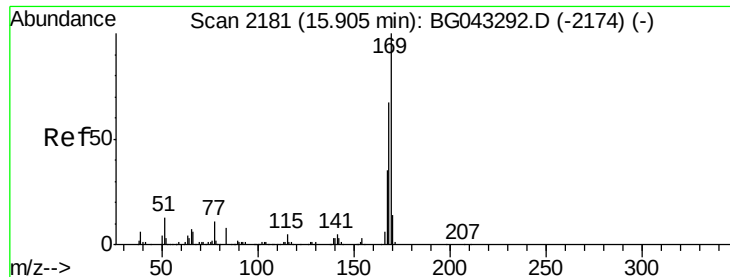


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

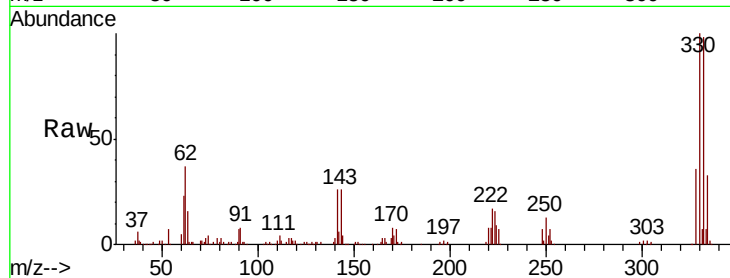




#66
 n-Nitrosodiphenylamine
 Concen: 1.043 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. 0.24 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-102319

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.9	80.9#
167	41.3	28.3	42.5

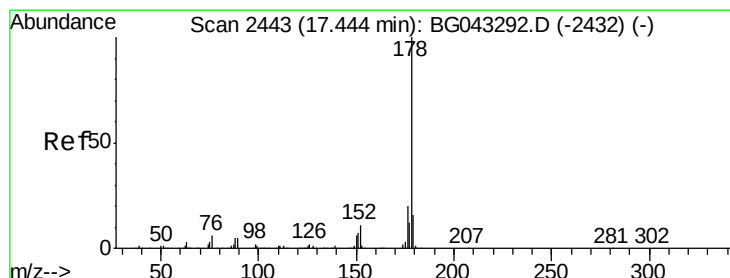
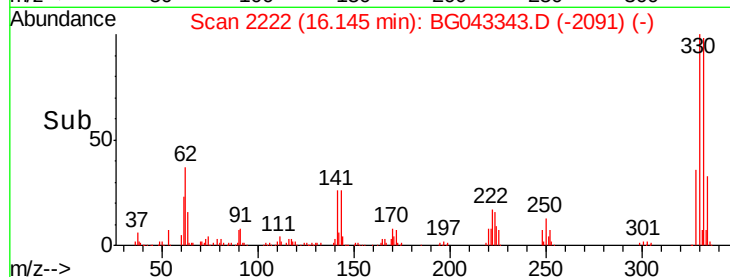
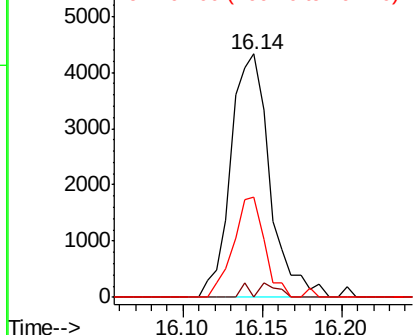


Abundance

Ion 169.00 (168.70 to 169.70): E

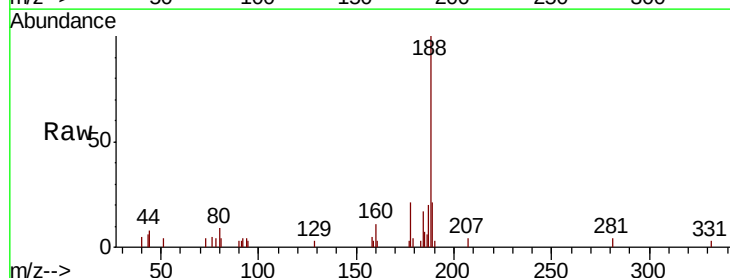
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#71
 Phenanthrene
 Concen: 0.122 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	19.4	13.1	19.7

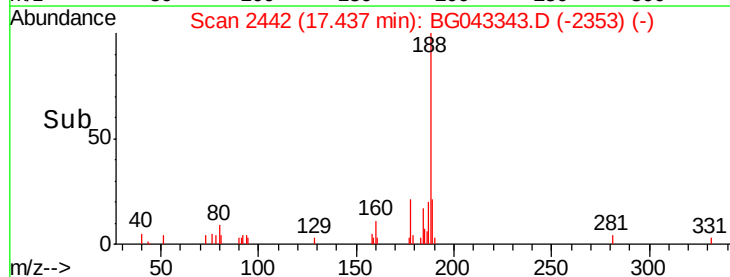
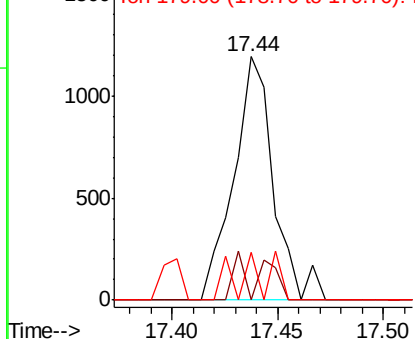


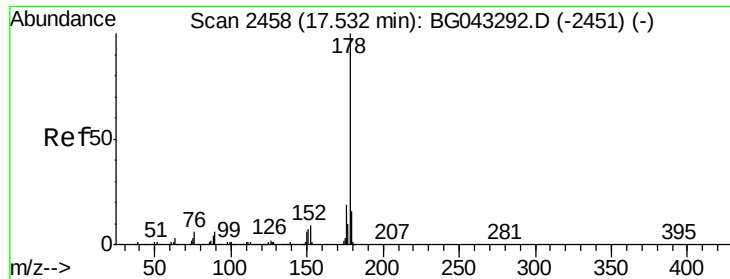
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.011 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

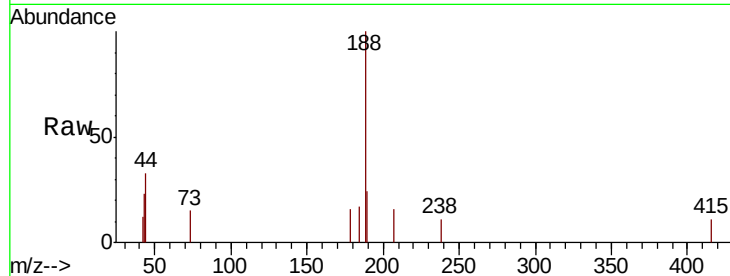
Tot Ion:178 Resp: 142

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

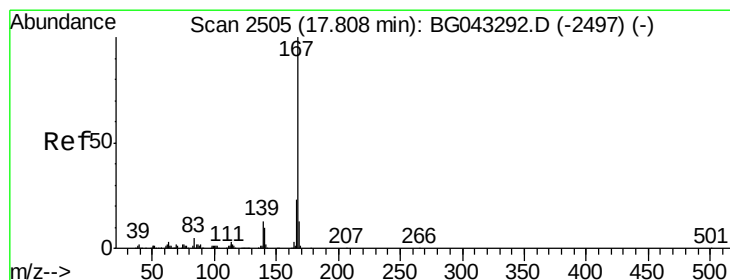
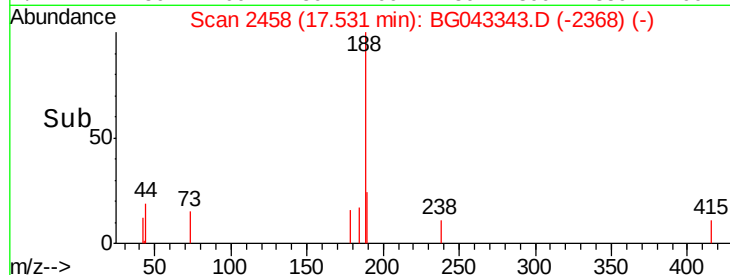
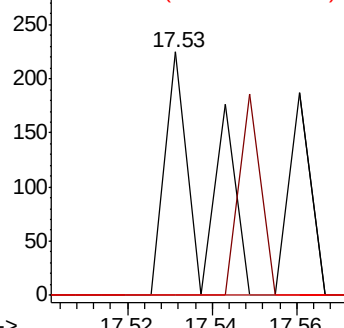
179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.005 ng

RT: 17.85 min Scan# 2512

Delta R.T. 0.04 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

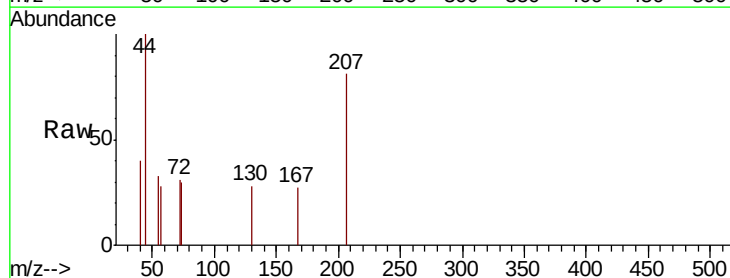
Tgt Ion:167 Resp: 53

Ion Ratio Lower Upper

167 100

166 0.0 18.4 27.6#

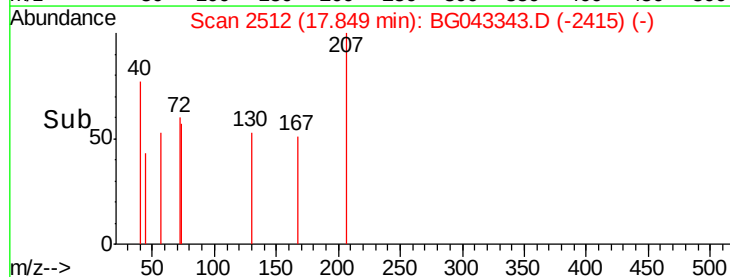
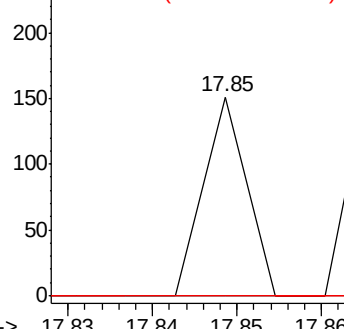
139 0.0 10.2 15.4#

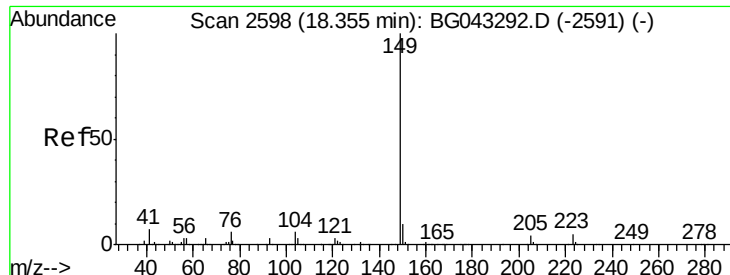


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

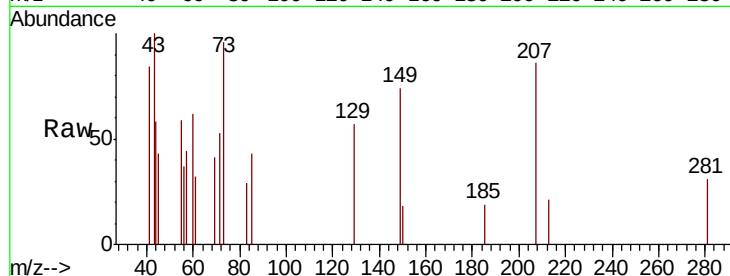




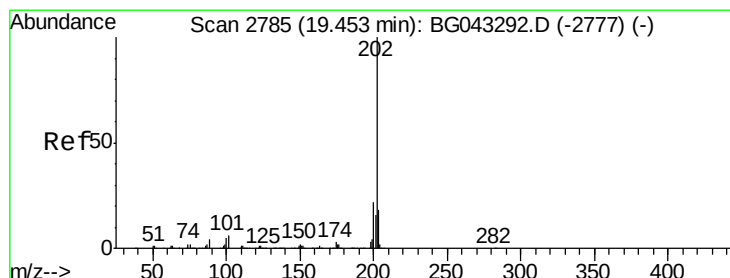
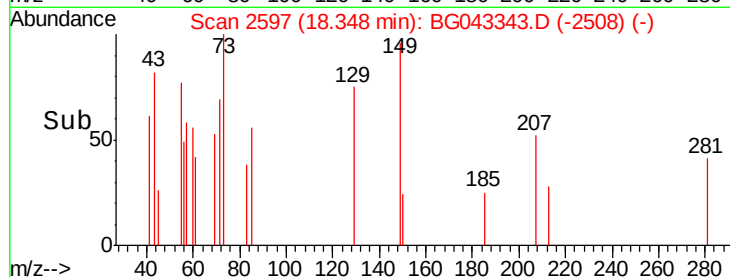
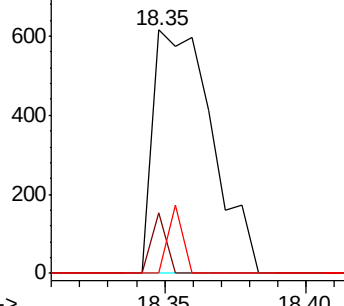
#74
Di-n-butylphthalate
Concen: 0.063 ng
RT: 18.35 min Scan# 2597
Delta R.T. -0.01 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Instrument :
BNA_G
ClientSampleId :
OR-02-102319

Tot Ion:149 Resp: 893
Ion Ratio Lower Upper
149 100
150 24.7 8.0 12.0#
104 0.0 4.7 7.1#

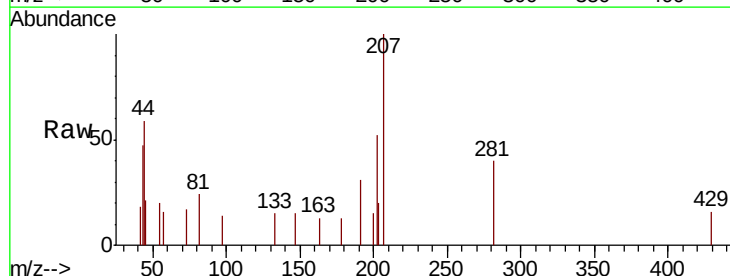


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

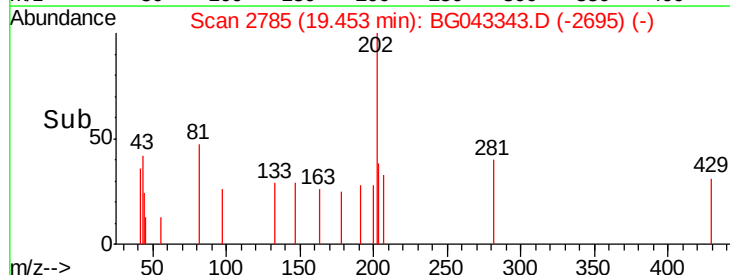
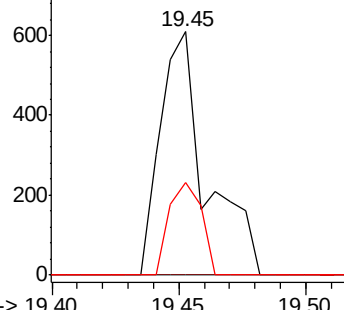


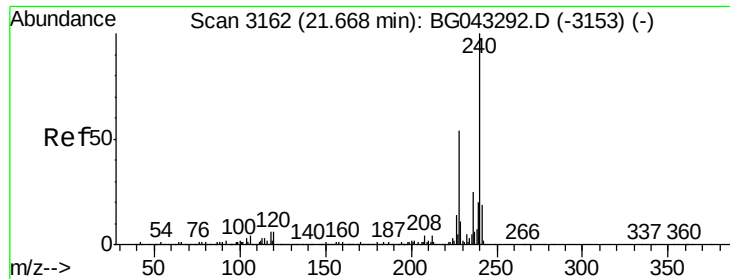
#75
Fluoranthene
Concen: 0.046 ng
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion:202 Resp: 765
Ion Ratio Lower Upper
202 100
101 0.0 0.0 26.0
203 38.3 0.0 38.2#



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

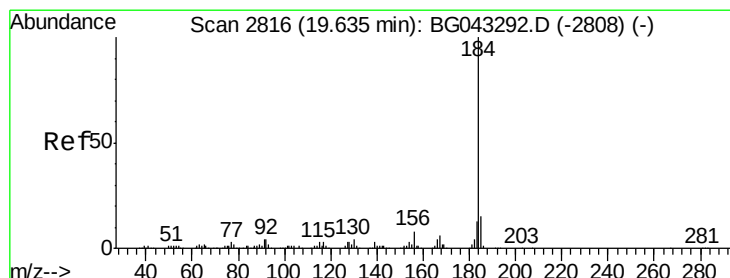
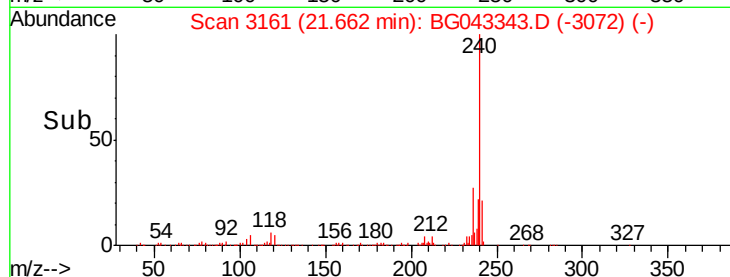
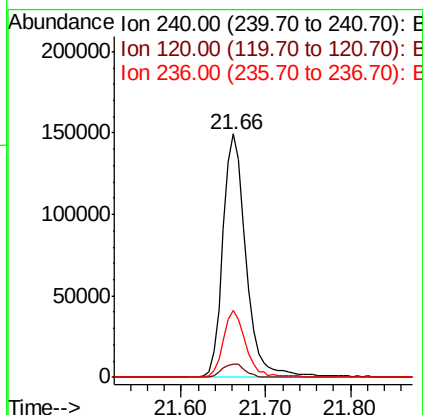
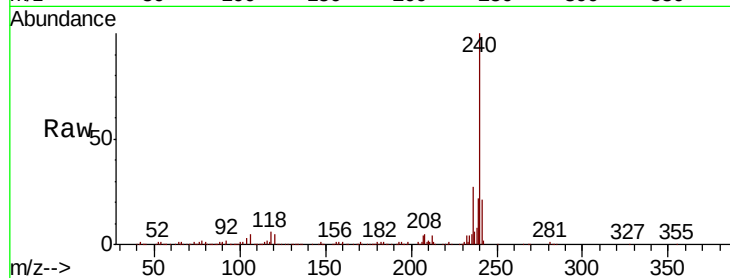




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

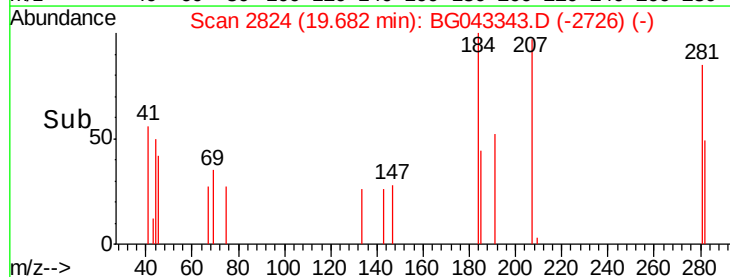
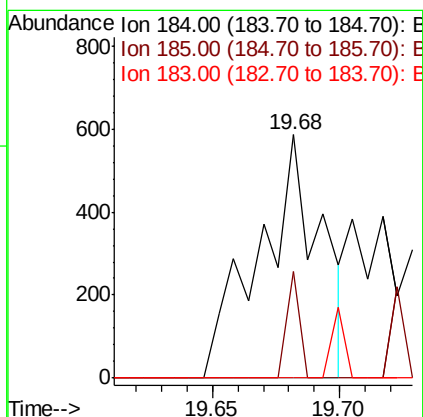
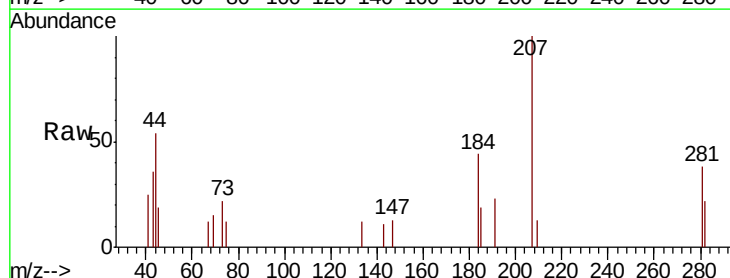
Instrument :
BNA_G
ClientSampleId :
OR-02-102319

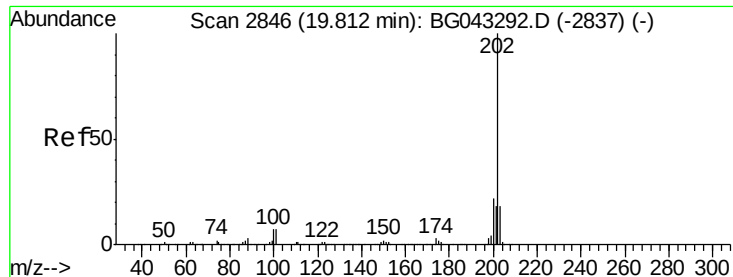
Tot Ion:240 Resp: 284059
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 27.5 20.2 30.4



#77
Benzidine
Concen: 0.173 ng
RT: 19.68 min Scan# 2824
Delta R.T. 0.05 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion:184 Resp: 988
Ion Ratio Lower Upper
184 100
185 43.8 11.8 17.6#
183 0.0 10.6 16.0#





#78

Pvrene

Concen: 0.029 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

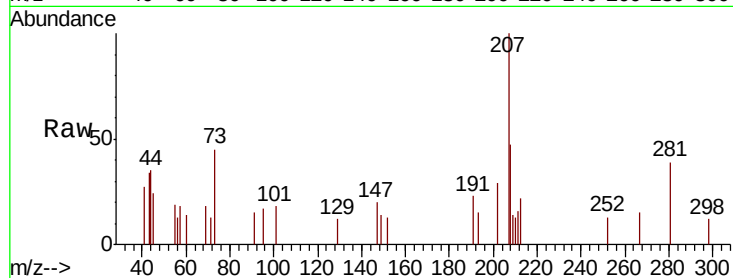
Tot Ion:202 Resp: 507

Ion Ratio Lower Upper

202 100

200 0.0 17.3 25.9#

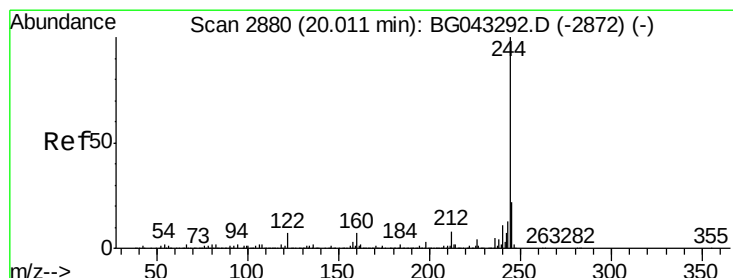
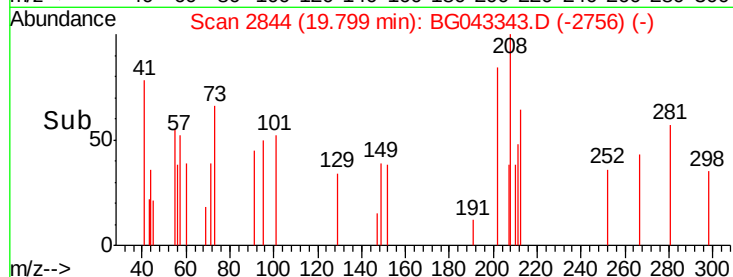
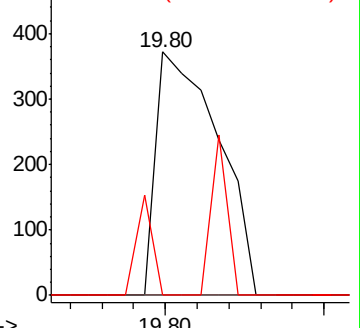
203 0.0 14.5 21.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 98.117 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

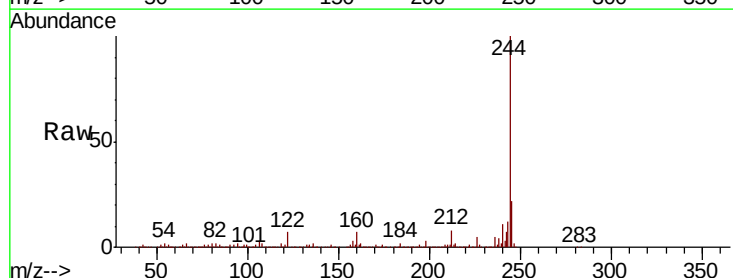
Tgt Ion:244 Resp: 1485616

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

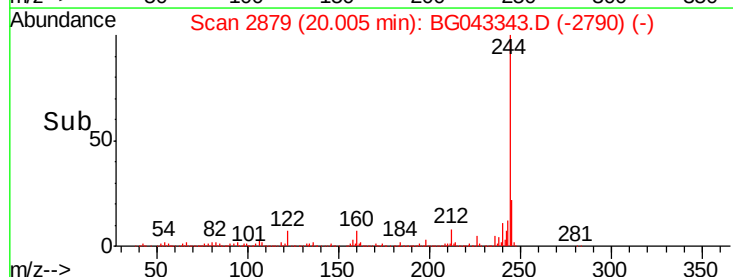
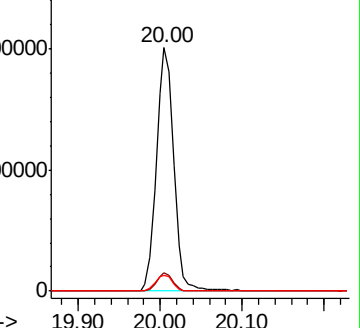
122 6.7 5.3 7.9

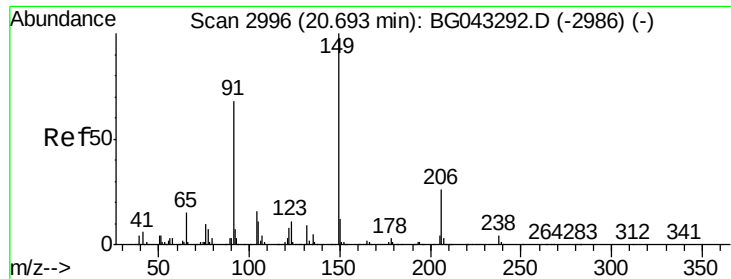


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.044 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

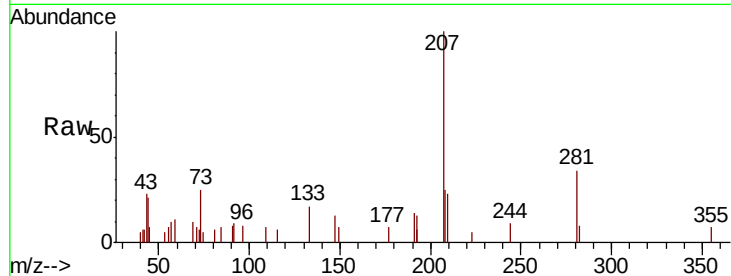
Tot Ion:149 Resp: 295

Ion Ratio Lower Upper

149 100

91 237.2 54.6 82.0#

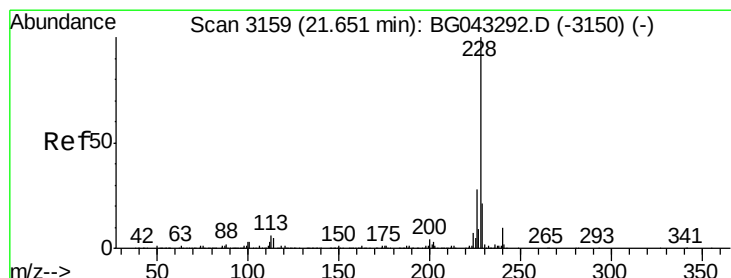
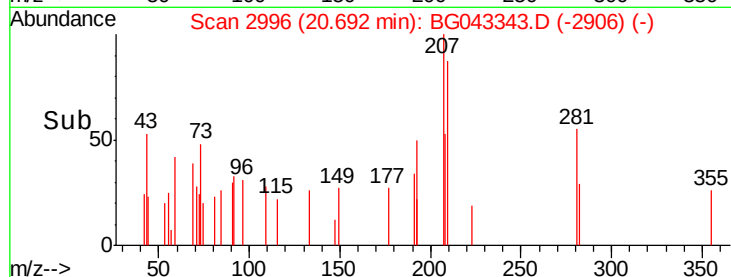
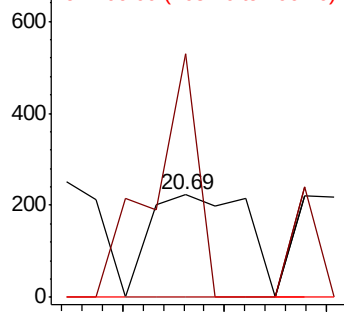
206 0.0 20.5 30.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.064 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

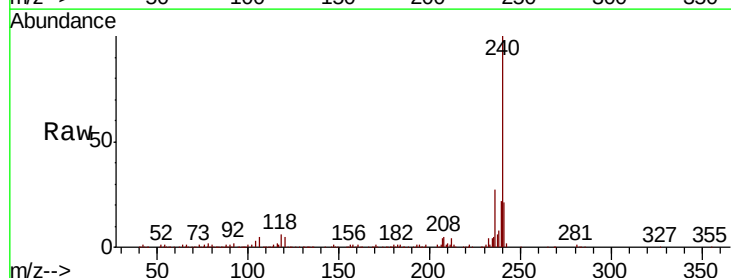
Tgt Ion:228 Resp: 1131

Ion Ratio Lower Upper

228 100

226 0.0 22.2 33.4#

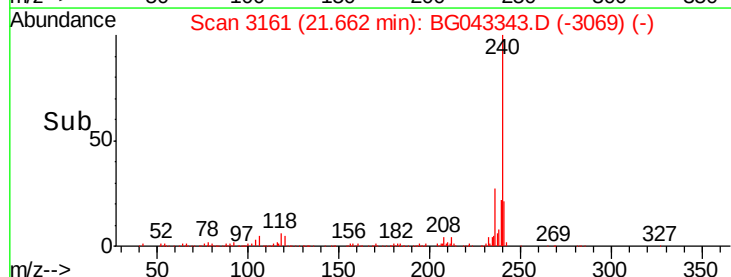
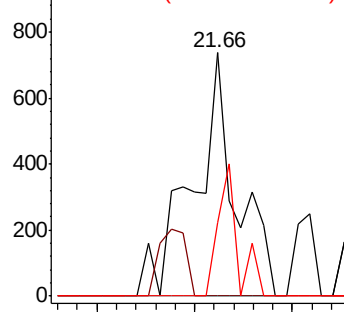
229 29.9 16.9 25.3#

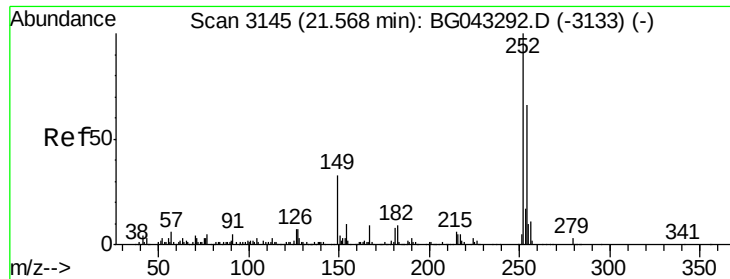


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

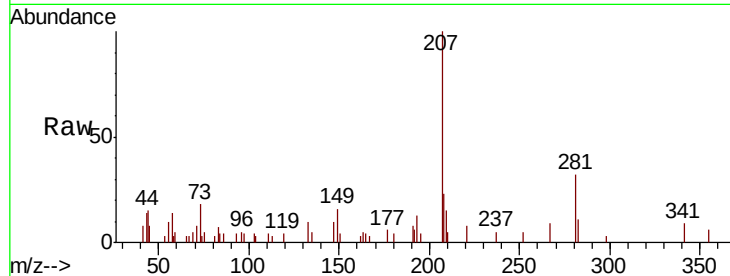




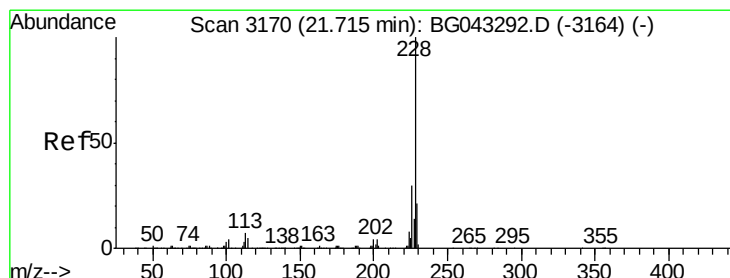
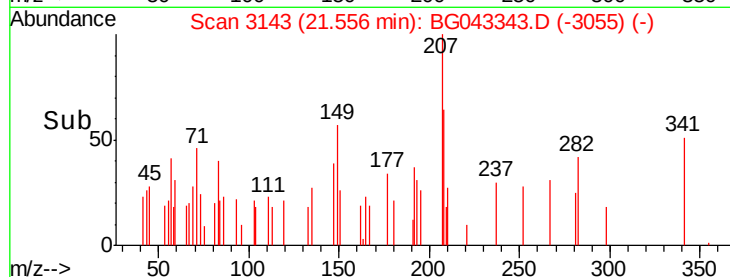
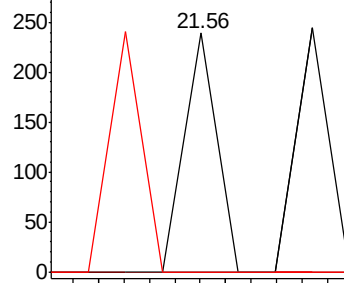
#82
 3,3'-Dichlorobenzidine
 Concen: 0.012 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-102319

Tot Ion:252 Resp: 84
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.7 79.1#
 126 0.0 5.6 8.4#

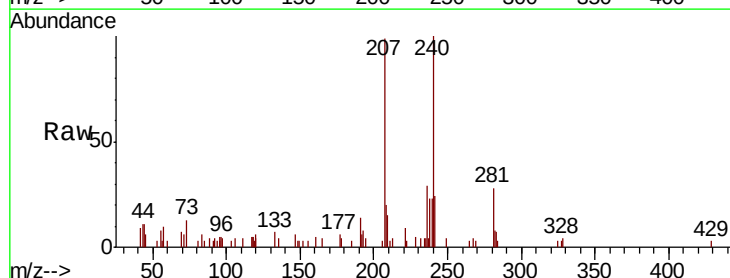


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

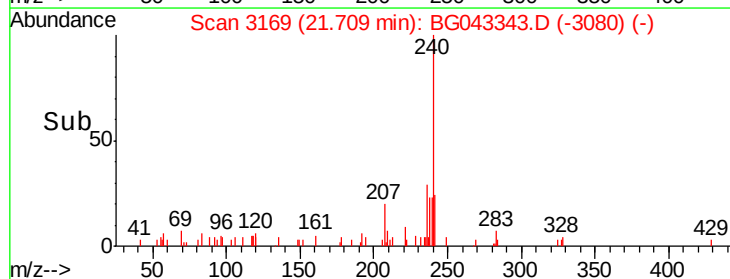
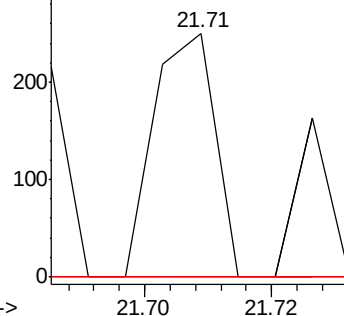


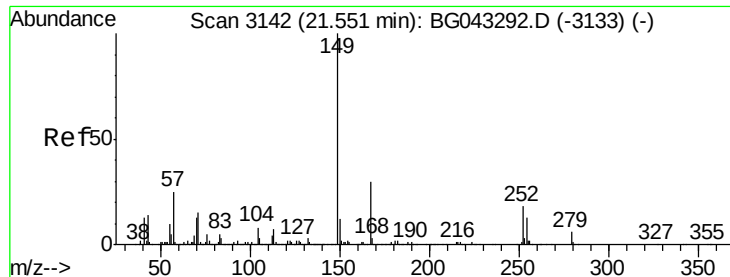
#83
 Chrysene
 Concen: 0.009 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Tgt Ion:228 Resp: 165
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.8 35.8#
 229 0.0 16.3 24.5#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.158 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

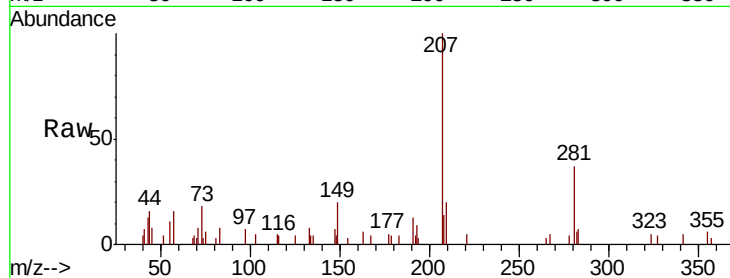
Tot Ion:149 Resp: 1494

Ion Ratio Lower Upper

149 100

167 19.6 23.9 35.9#

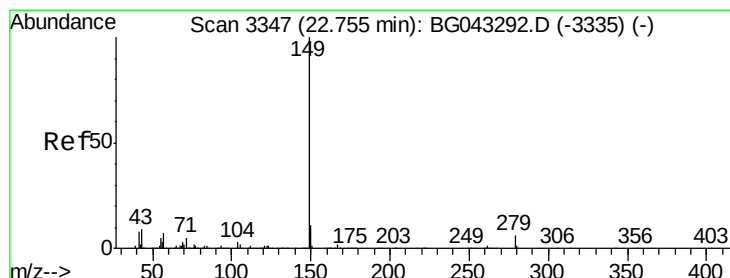
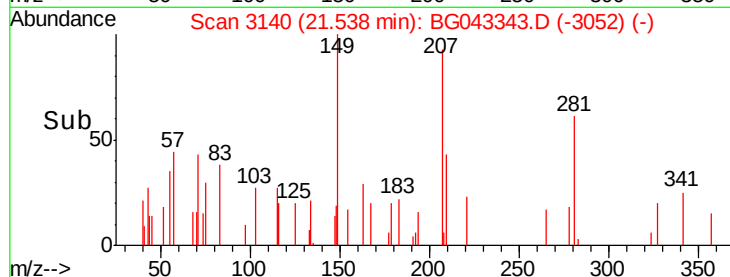
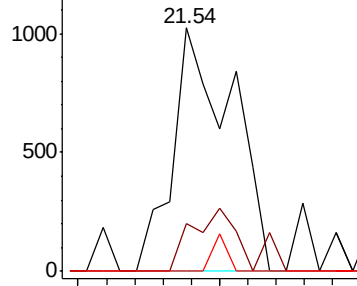
279 0.0 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.043 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

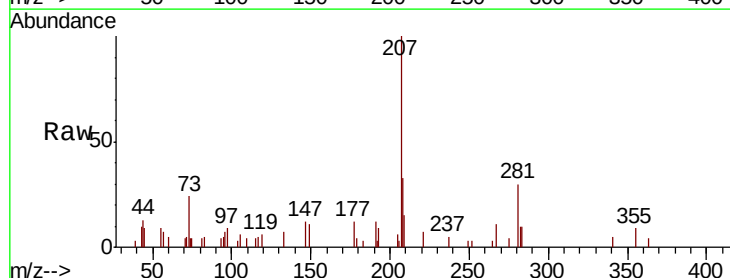
Tgt Ion:149 Resp: 685

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

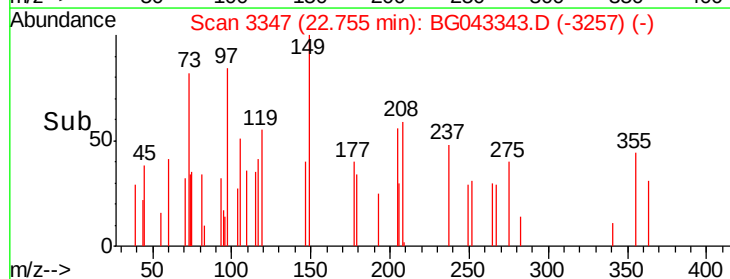
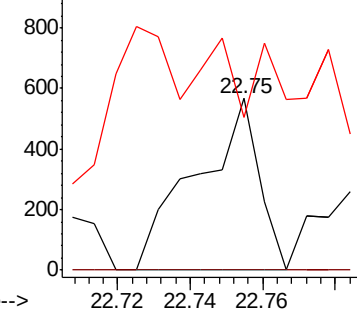
43 0.0 6.9 10.3#

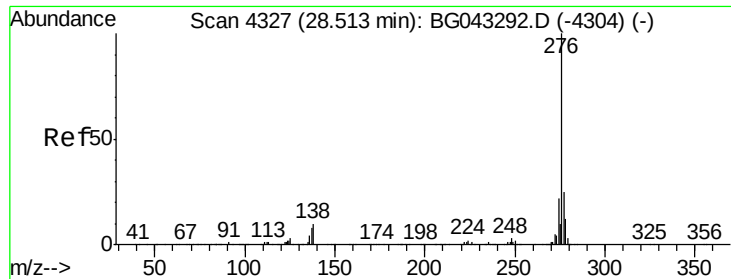


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

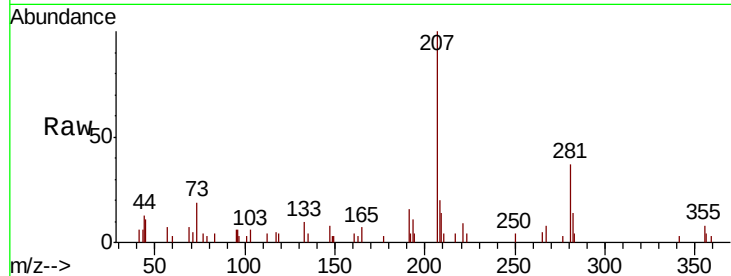




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 28.52 min Scan# 4329
 Delta R.T. 0.01 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-102319

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.2	10.8#
277	0.0	20.9	31.3#



Abundance

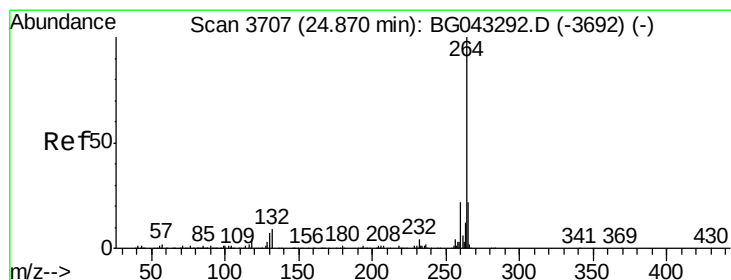
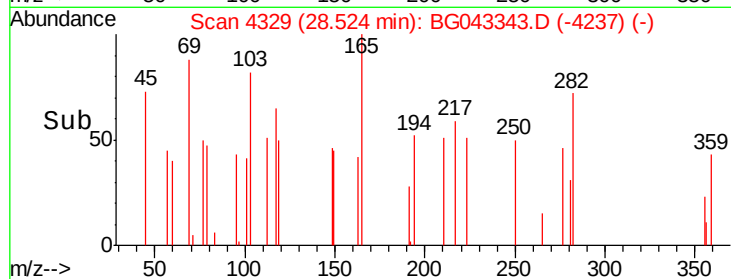
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

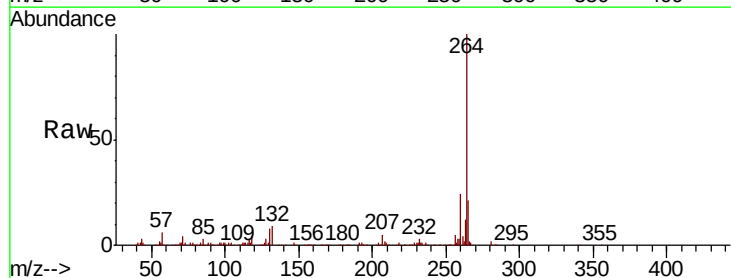
28.52

Time-->



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG043343.D
 Acq: 25 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	20.8	17.4	26.2



Abundance

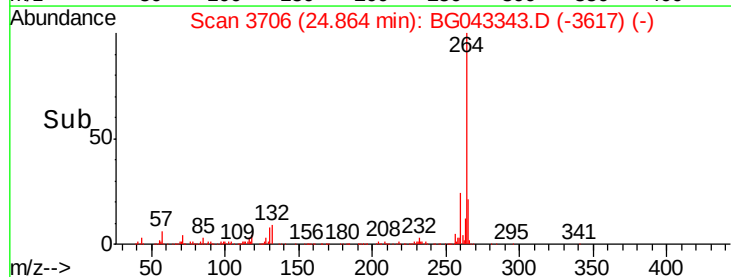
Ion 264.00 (263.70 to 264.70): E

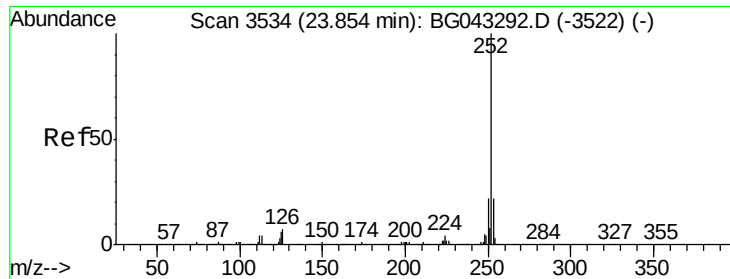
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.86

Time-->





#88

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

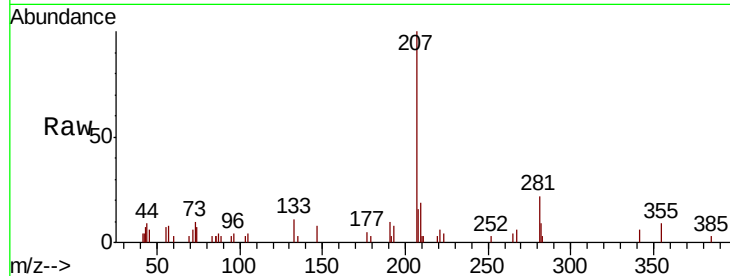
Tot Ion:252 Resp: 182

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

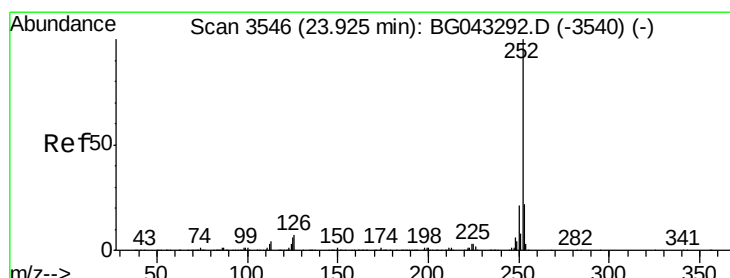
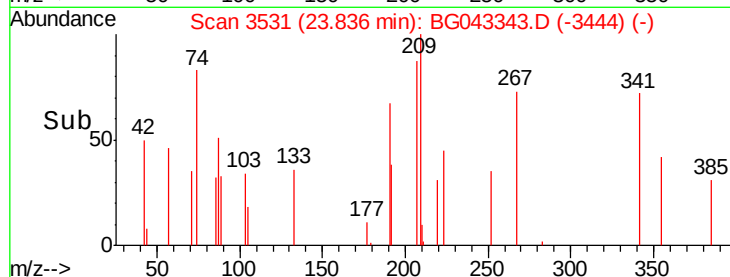
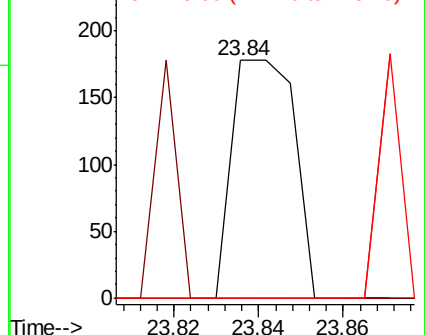
125 0.0 5.0 7.6#



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



#89

Benzo(k)fluoranthene

Concen: 0.012 ng

RT: 23.94 min Scan# 3548

Delta R.T. 0.01 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

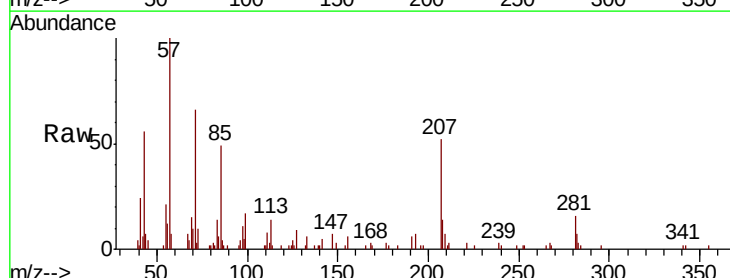
Tgt Ion:252 Resp: 235

Ion Ratio Lower Upper

252 100

253 102.6 17.6 26.4#

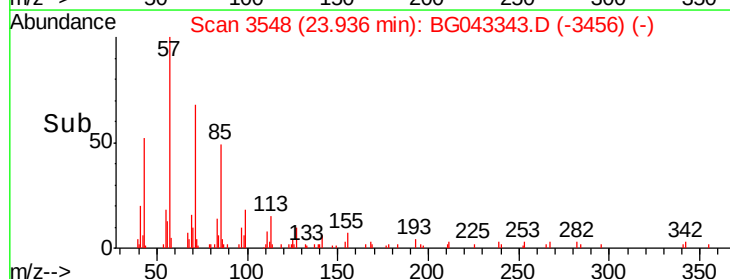
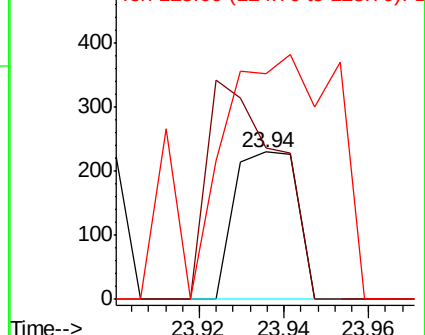
125 154.1 4.5 6.7#

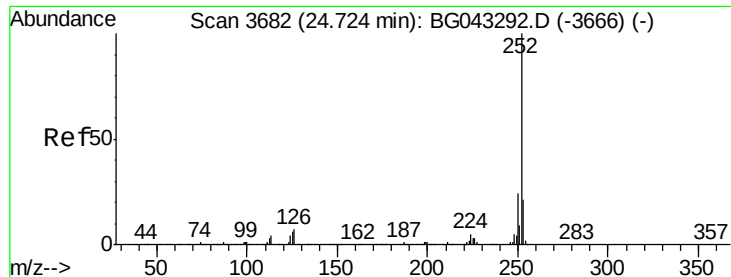


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

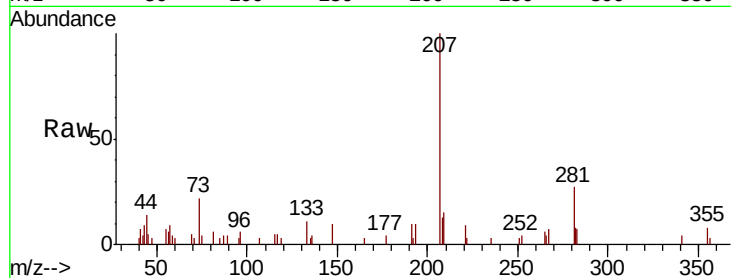




#90
Benzo(a)pyrene
Concen: 0.010 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Instrument :
BNA_G
ClientSampleId :
OR-02-102319

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	5.0	7.6#

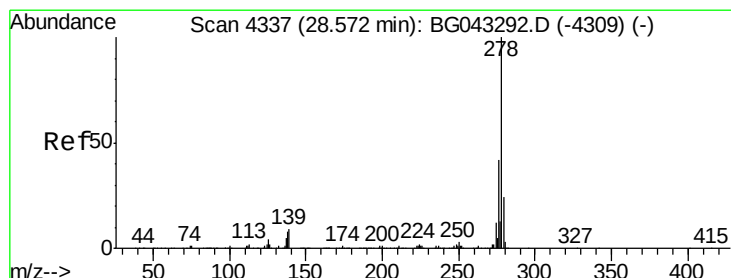
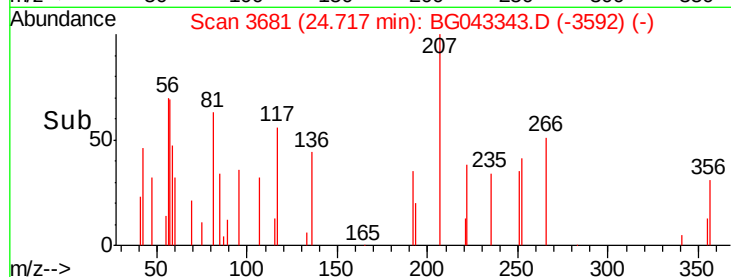
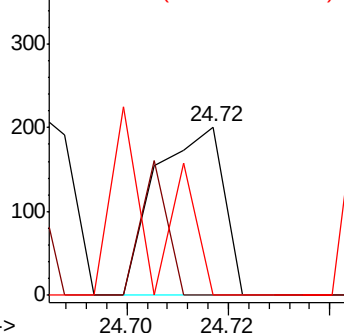


Abundance

Ion 252.00 (251.70 to 252.70): E

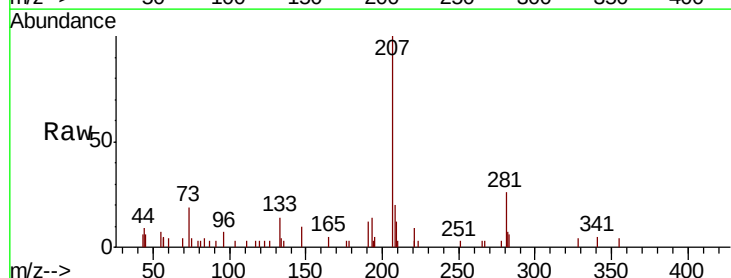
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 28.16 min Scan# 4267
Delta R.T. -0.41 min
Lab File: BG043343.D
Acq: 25 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.8	10.2#
279	0.0	19.0	28.6#

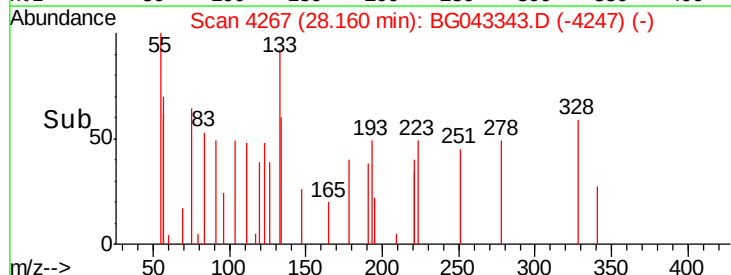
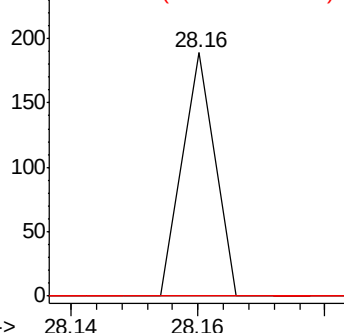


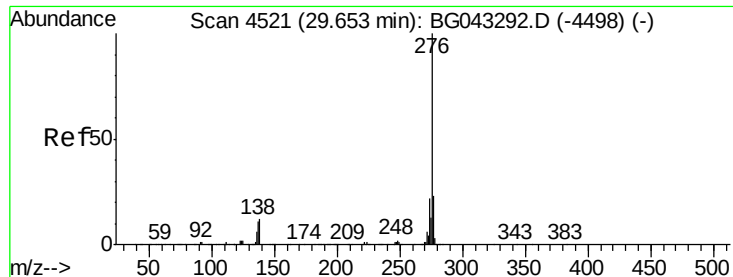
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.003 ng

RT: 29.68 min Scan# 4525

Delta R.T. 0.02 min

Lab File: BG043343.D

Acq: 25 Oct 2019 17:23

Instrument :

BNA_G

ClientSampleId :

OR-02-102319

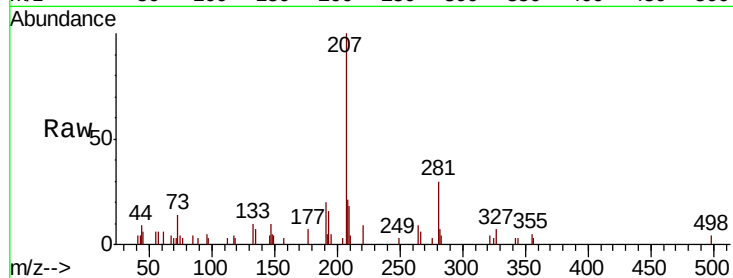
Tot Ion: 276 Resp: 56

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 9.3 13.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

