

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043401.D
 Acq On : 30 Oct 2019 15:24
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 31 05:07:08 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	41787	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	174523	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	123875	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	282528	20.00	ng	0.00
76) Chrysene-d12	21.66	240	312240	20.00	ng	0.00
87) Perylene-d12	24.86	264	362197	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	200106	87.75	ng	0.00
7) Phenol-d6	7.21	99	278788	84.97	ng	0.00
23) Nitrobenzene-d5	9.19	82	273791	80.88	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	189394	80.34	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	748397	83.48	ng	0.00
79) Terphenyl-d14	20.00	244	1394741	83.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	37299	41.973	ng	98
3) Pyridine	3.89	79	104085	46.432	ng	96
4) n-Nitrosodimethylamine	3.81	42	49022	43.338	ng	# 87
6) Aniline	7.35	93	163045	43.139	ng	98
8) 2-Chlorophenol	7.59	128	105456	41.893	ng	95
9) Benzaldehyde	7.16	77	72496	44.962	ng	91
10) Phenol	7.24	94	130712	43.598	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	97946	42.255	ng	94
12) 1,3-Dichlorobenzene	7.91	146	133296	42.263	ng	98
13) 1,4-Dichlorobenzene	8.06	146	135618	42.500	ng	98
14) 1,2-Dichlorobenzene	8.38	146	129464	41.552	ng	99
15) Benzyl Alcohol	8.27	79	100253	43.508	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	133745	39.681	ng	97
17) 2-Methylphenol	8.48	107	92559	42.349	ng	95
18) Hexachloroethane	9.10	117	46941	40.773	ng	91
19) n-Nitroso-di-n-propylamine	8.82	70	89020	41.989	ng	99
20) 3+4-Methylphenols	8.81	107	127813	42.646	ng	92
22) Acetophenone	8.85	105	183630	41.086	ng	# 97
24) Nitrobenzene	9.23	77	130323	40.413	ng	96
25) Isophorone	9.75	82	245433	39.656	ng	98
26) 2-Nitrophenol	9.94	139	65187	41.870	ng	98
27) 2,4-Dimethylphenol	10.01	122	91649	41.072	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	137303	40.196	ng	95
29) 2,4-Dichlorophenol	10.49	162	120011	41.976	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	146731	40.719	ng	94
31) Naphthalene	10.87	128	361407	40.797	ng	98
32) Benzoic acid	10.18	122	64366	39.704	ng	95
33) 4-Chloroaniline	10.99	127	147369	40.583	ng	98
34) Hexachlorobutadiene	11.16	225	108537	40.746	ng	92
35) Caprolactam	11.77	113	41911	42.563	ng	# 69
36) 4-Chloro-3-methylphenol	12.12	107	127429	40.860	ng	97
37) 2-Methylnaphthalene	12.48	142	270036	39.728	ng	97
38) 1-Methylnaphthalene	12.70	142	261697	40.465	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	191783	41.833	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	97998	40.693	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	115339	42.721	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	115879	42.455	ng	97
46) 1,1'-Biphenyl	13.48	154	397417	42.172	ng	99
47) 2-Chloronaphthalene	13.53	162	302343	42.166	ng	98
48) 2-Nitroaniline	13.73	65	90464	42.213	ng	97
49) Acenaphthylene	14.37	152	464082	41.587	ng	98
50) Dimethylphthalate	14.10	163	390626	40.712	ng	99
51) 2,6-Dinitrotoluene	14.22	165	85845	41.183	ng	97
52) Acenaphthene	14.72	154	280971	41.286	ng	99
53) 3-Nitroaniline	14.56	138	85246	42.358	ng #	92
54) 2,4-Dinitrophenol	14.76	184	45303	38.918	ng	95
55) Dibenzofuran	15.05	168	460105	41.691	ng	99
56) 4-Nitrophenol	14.89	139	55127	40.875	ng	93
57) 2,4-Dinitrotoluene	15.01	165	122713	41.193	ng #	97
58) Fluorene	15.70	166	382189	41.290	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	120801	41.657	ng #	98
60) Diethylphthalate	15.46	149	390323	40.486	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	219068	40.570	ng	98
62) 4-Nitroaniline	15.73	138	92299	44.408	ng	97
63) Azobenzene	15.98	77	314478	40.305	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	69807	41.985	ng	92
66) n-Nitrosodiphenylamine	15.90	169	334557	41.943	ng	97
67) 4-Bromophenyl-phenylether	16.58	248	157656	41.464	ng	98
68) Hexachlorobenzene	16.70	284	180950	41.460	ng	96
69) Atrazine	16.85	200	105832	38.184	ng	96
70) Pentachlorophenol	17.05	266	84338	42.408	ng	98
71) Phenanthrene	17.44	178	601023	41.543	ng	100
72) Anthracene	17.53	178	603068	41.663	ng	99
73) Carbazole	17.80	167	549900	41.951	ng	99
74) Di-n-butylphthalate	18.35	149	663134	41.693	ng	99
75) Fluoranthene	19.45	202	771312	40.894	ng	99
77) Benzidine	19.63	184	265545	42.258	ng	98
78) Pyrene	19.80	202	780899	40.404	ng	99
80) Butylbenzylphthalate	20.69	149	313629	42.832	ng	95
81) Benzo(a)anthracene	21.64	228	825147	42.189	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	330401	43.676	ng	99
83) Chrysene	21.71	228	800948	41.216	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	445838	42.863	ng	99
85) Di-n-octyl phthalate	22.74	149	755129	42.791	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1052580	43.151	ng #	96
88) Benzo(b)fluoranthene	23.84	252	868748	42.350	ng	99
89) Benzo(k)fluoranthene	23.91	252	894152	43.298	ng	99
90) Benzo(a)pyrene	24.71	252	835392	42.646	ng	97
91) Dibenzo(a,h)anthracene	28.56	278	872622	43.551	ng	99
92) Benzo(g,h,i)perylene	29.63	276	848156	42.914	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

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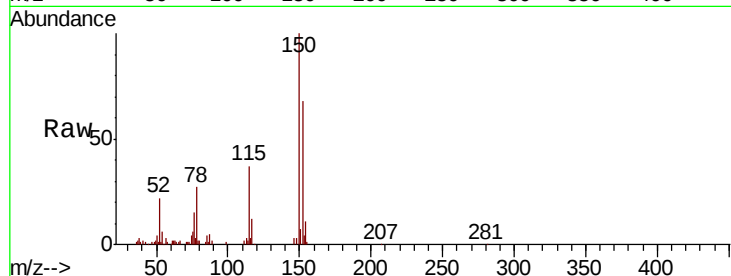
Tot Ion:152 Resp: 41787

Ion Ratio Lower Upper

152 100

150 147.7 113.6 170.4

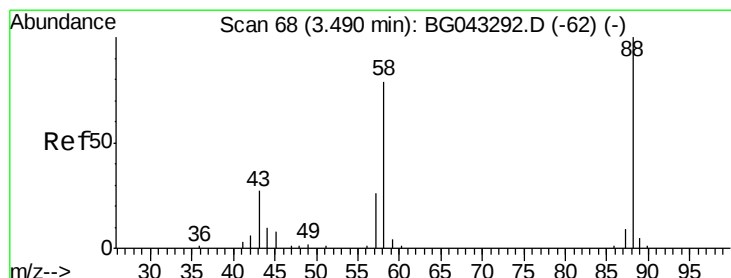
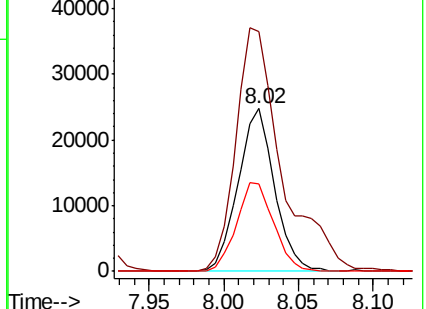
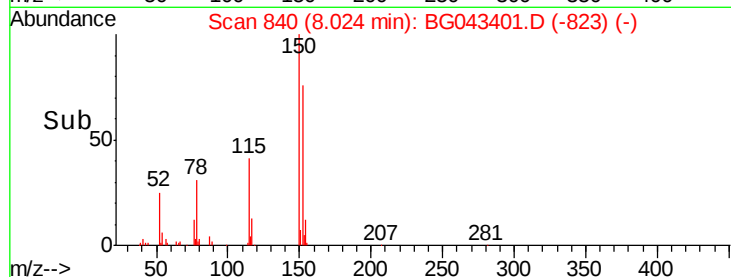
115 54.0 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.973 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

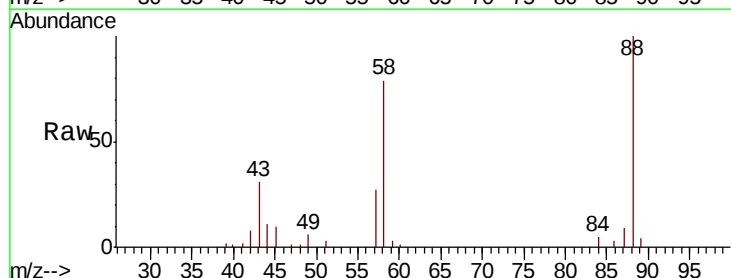
Tgt Ion: 88 Resp: 37299

Ion Ratio Lower Upper

88 100

58 74.2 60.2 90.2

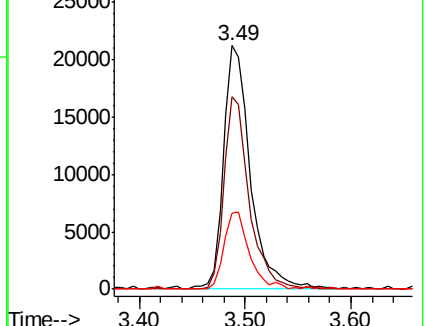
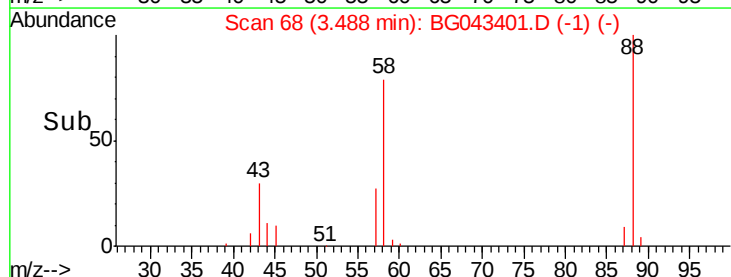
43 29.8 22.7 34.1



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 46.432 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

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ClientSampleId :

SSTDCCC040

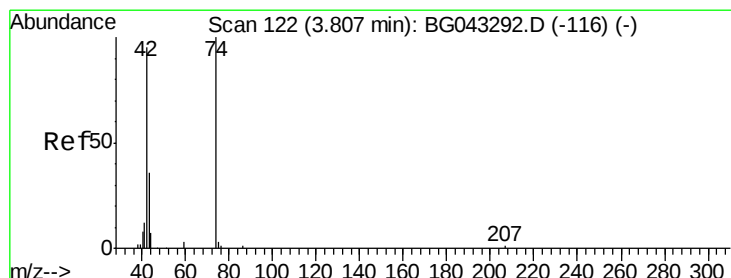
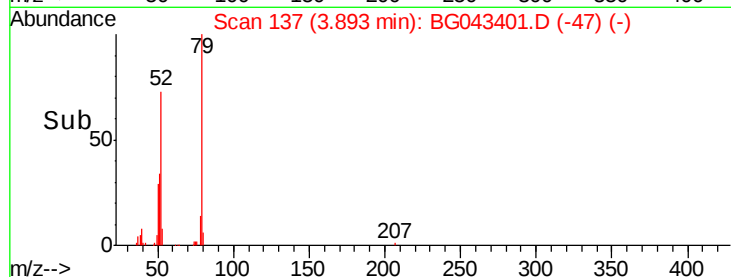
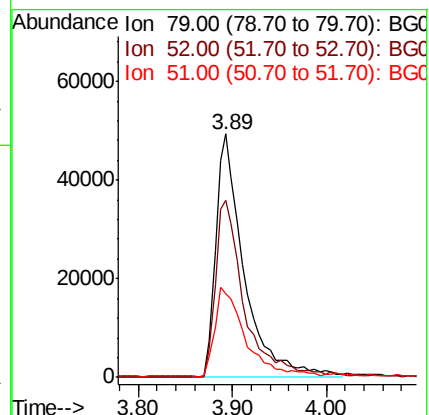
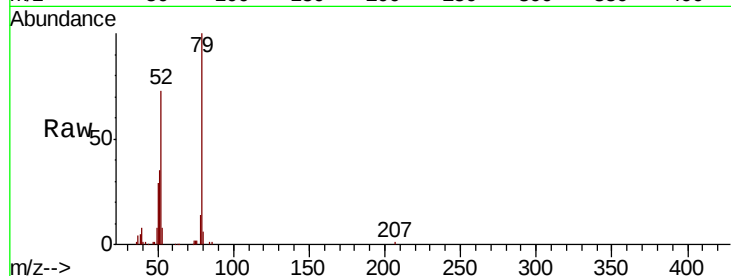
Tot Ion: 79 Resp: 104085

Ion Ratio Lower Upper

79 100

52 72.8 59.7 89.5

51 34.5 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 43.338 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

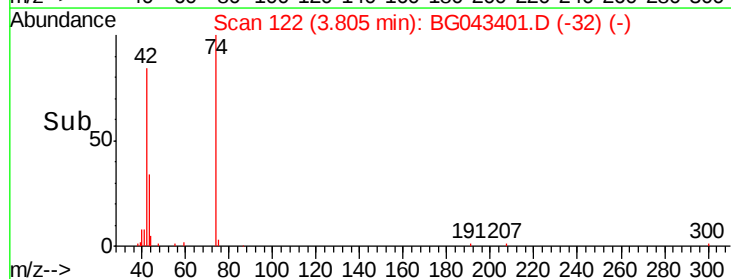
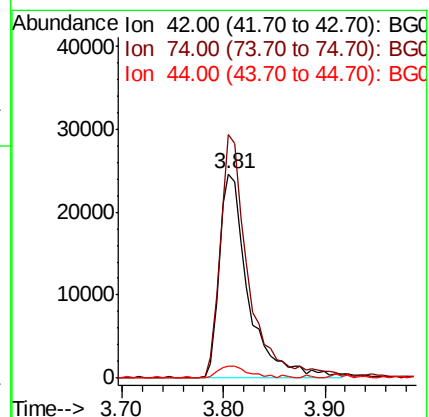
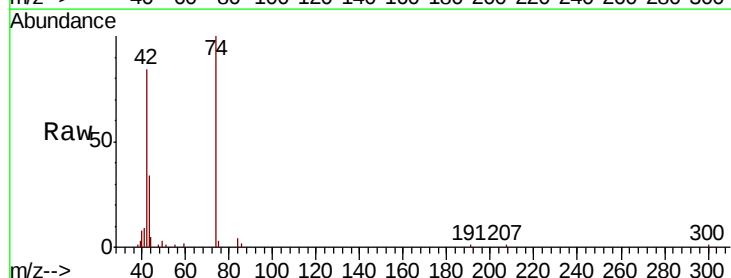
Tgt Ion: 42 Resp: 49022

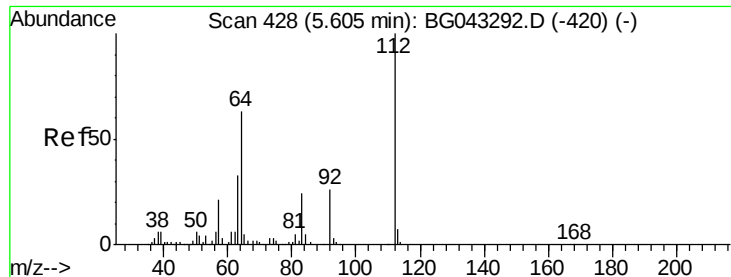
Ion Ratio Lower Upper

42 100

74 119.1 84.2 126.2

44 5.5 6.0 9.0#





#5

2-Fluorophenol

Concen: 87.751 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

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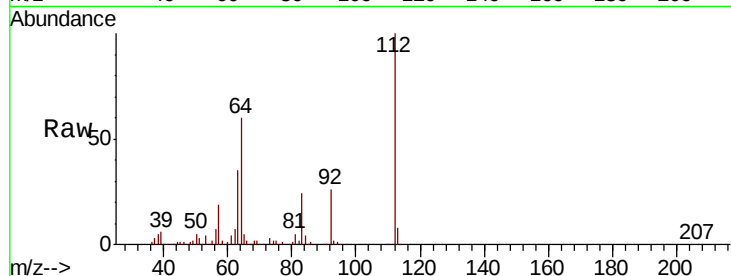
Tot Ion:112 Resp: 200106

Ion Ratio Lower Upper

112 100

64 59.8 50.2 75.2

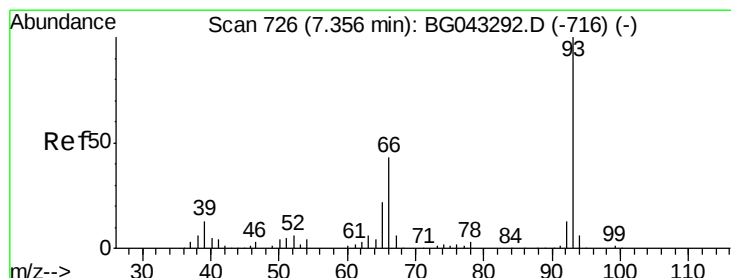
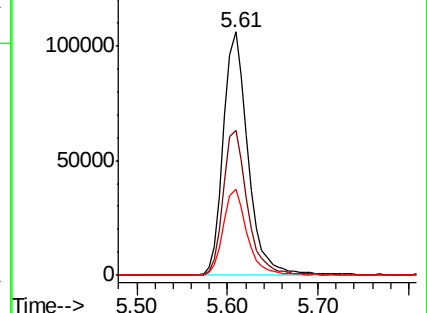
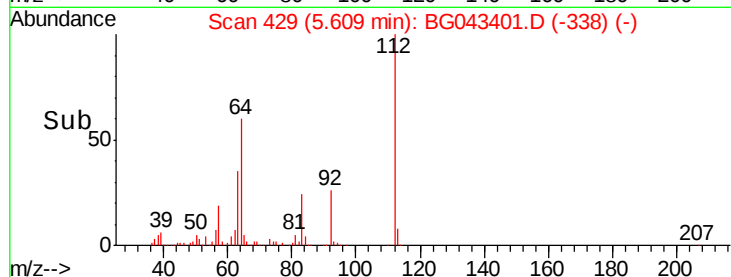
63 35.4 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.139 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

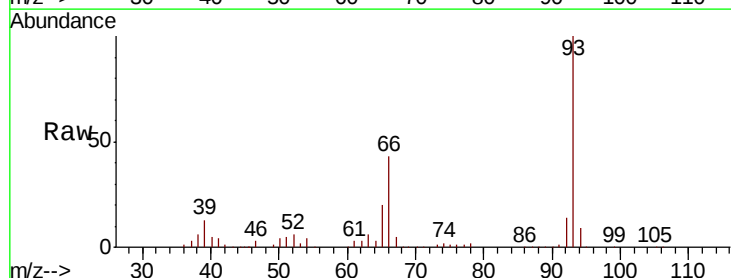
Tgt Ion: 93 Resp: 163045

Ion Ratio Lower Upper

93 100

66 43.4 34.5 51.7

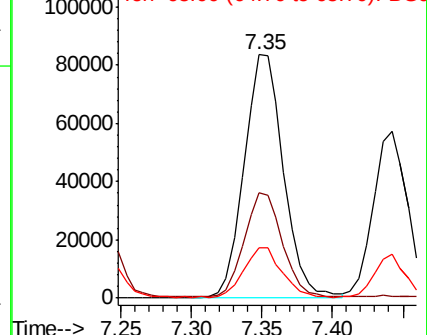
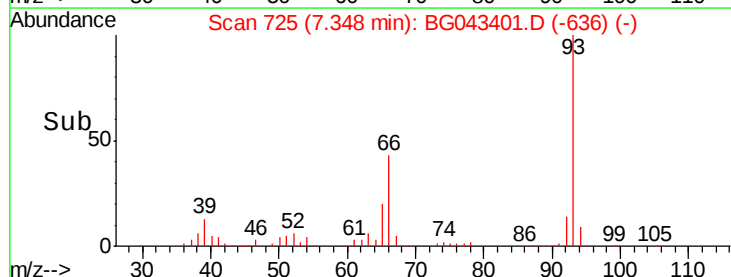
65 20.4 18.0 27.0



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: 84.972 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

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ClientSampleId :

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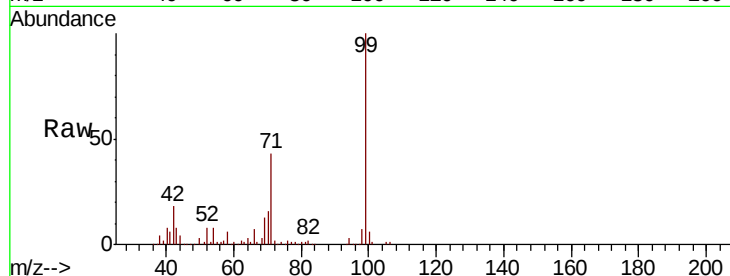
Tot Ion: 99 Resp: 278788

Ion Ratio Lower Upper

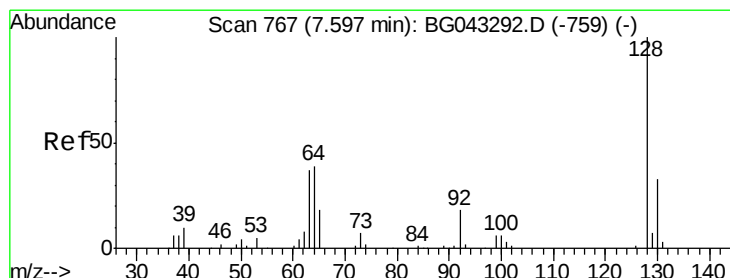
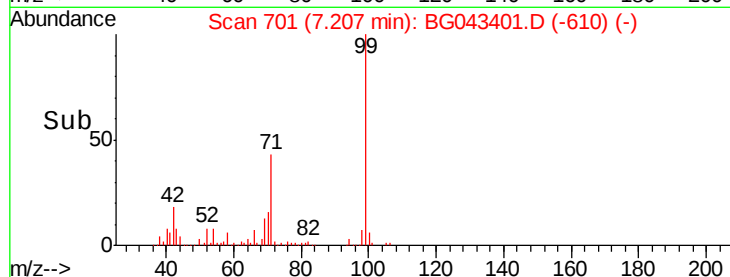
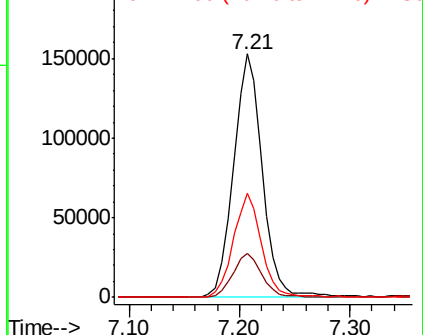
99 100

42 17.8 14.9 22.3

71 42.6 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: 41.893 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

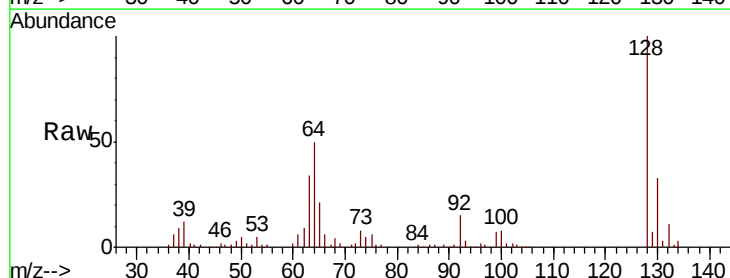
Tgt Ion: 128 Resp: 105456

Ion Ratio Lower Upper

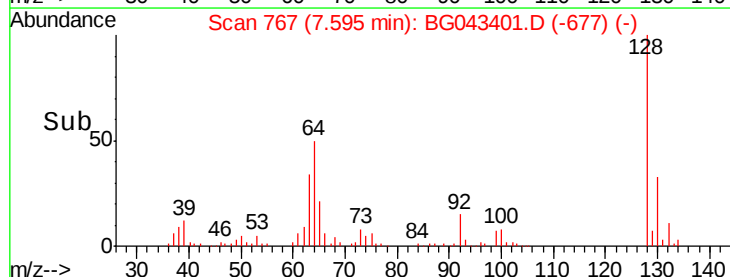
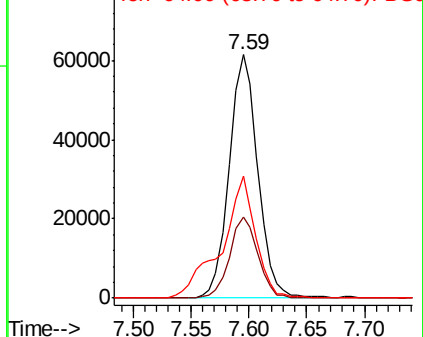
128 100

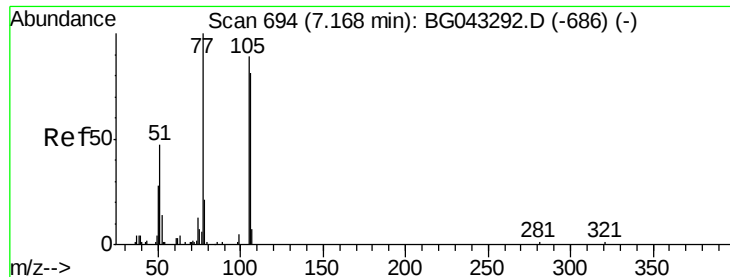
130 33.3 12.9 52.9

64 50.2 24.9 64.9



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





#9

Benzaldehyde

Concen: 44.962 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

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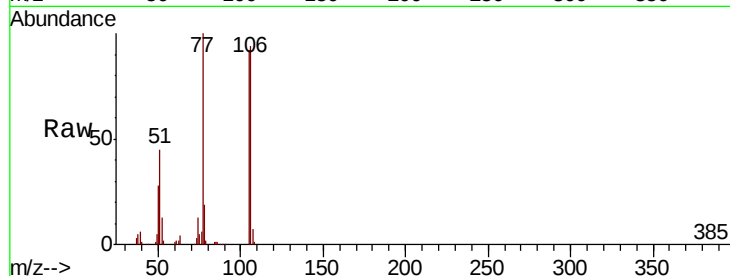
Tot Ion: 77 Resp: 72496

Ion Ratio Lower Upper

77 100

105 92.3 68.7 108.7

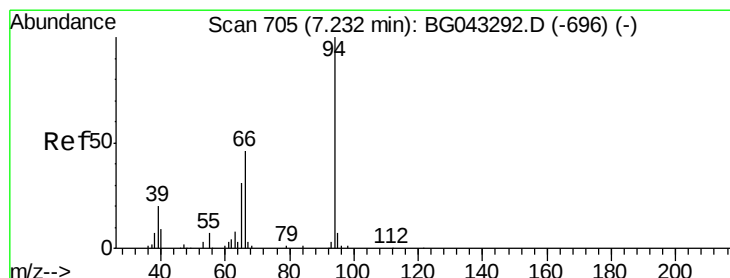
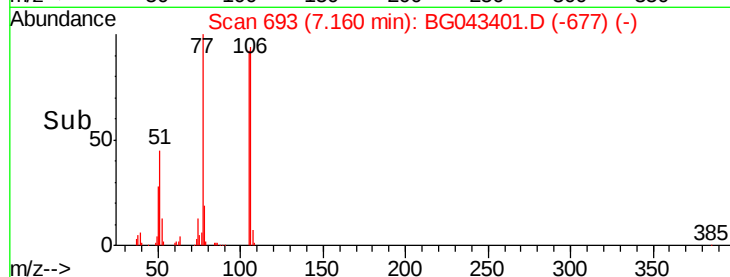
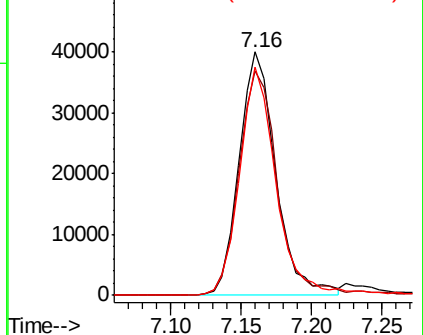
106 93.5 60.5 100.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.598 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

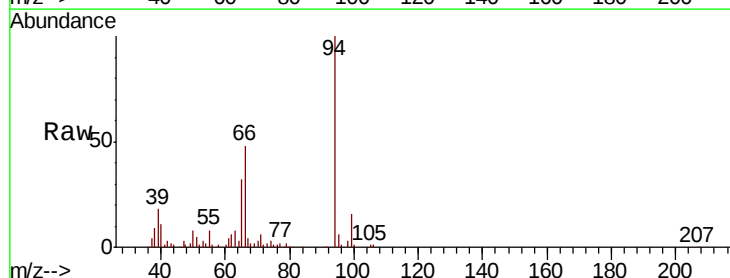
Tgt Ion: 94 Resp: 130712

Ion Ratio Lower Upper

94 100

65 32.1 11.1 51.1

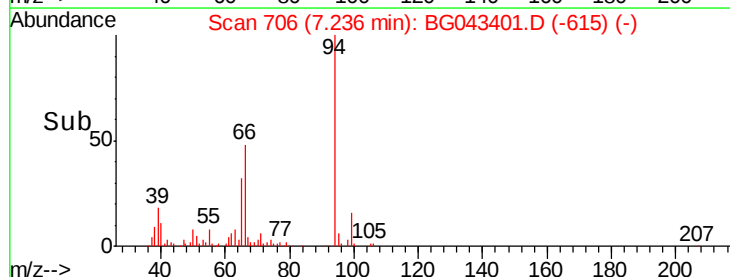
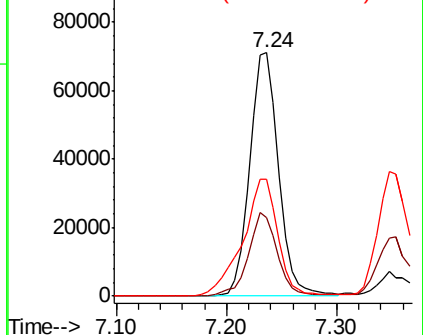
66 48.2 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.255 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

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SSTDCCC040

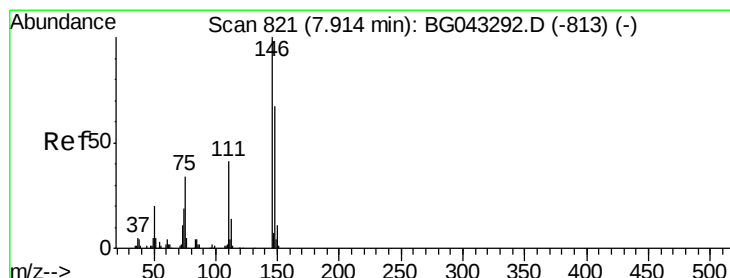
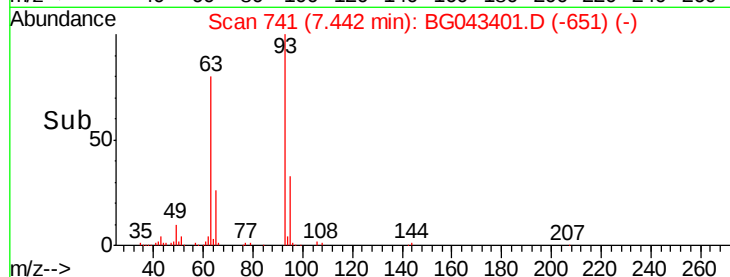
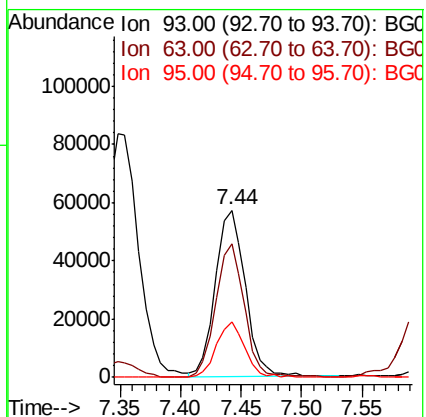
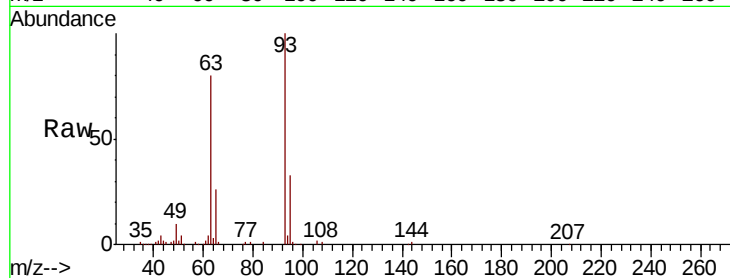
Tot Ion: 93 Resp: 97946

Ion Ratio Lower Upper

93 100

63 79.7 54.6 94.6

95 33.3 9.7 49.7



#12

1,3-Dichlorobenzene

Concen: 42.263 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

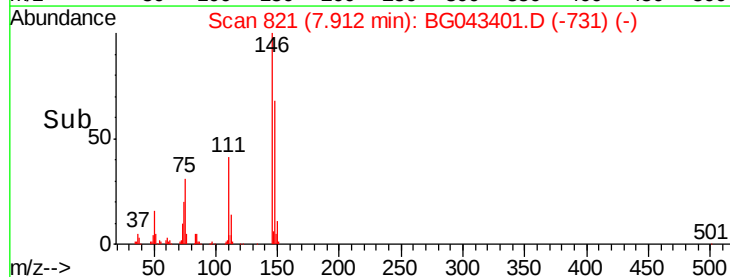
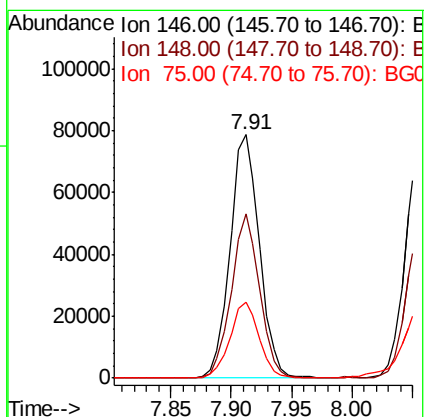
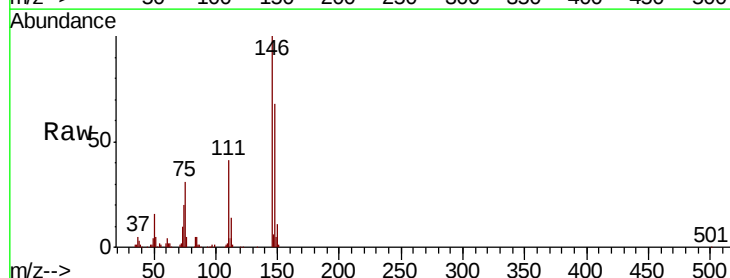
Tgt Ion: 146 Resp: 133296

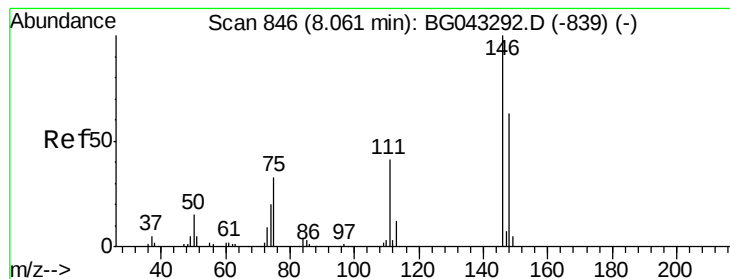
Ion Ratio Lower Upper

146 100

148 67.7 53.4 80.2

75 31.4 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 42.500 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

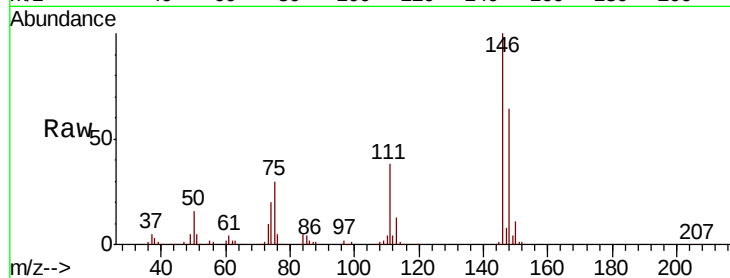
Tot Ion:146 Resp: 135618

Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

111 37.8 33.0 49.6

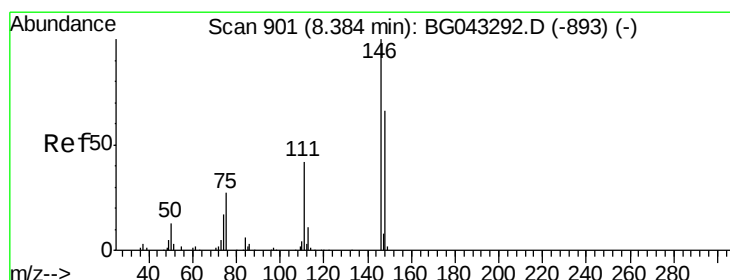
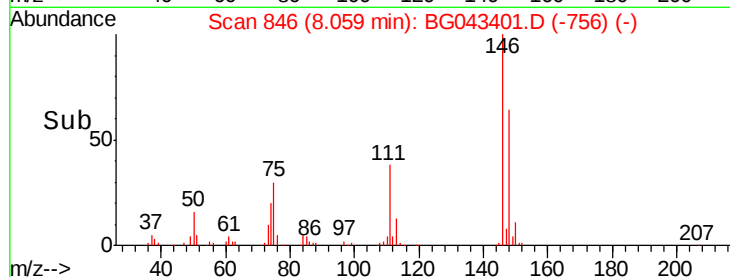
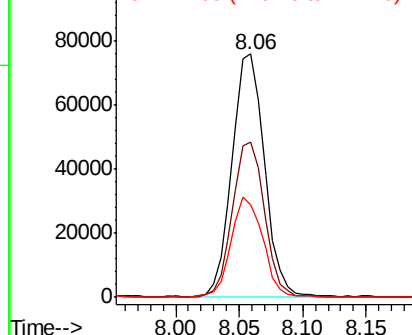


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.552 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

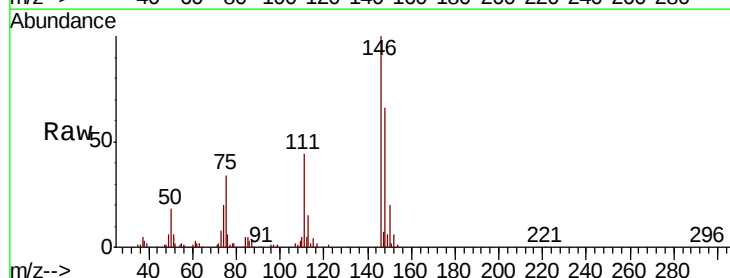
Tgt Ion:146 Resp: 129464

Ion Ratio Lower Upper

146 100

148 65.6 53.0 79.4

111 43.9 34.5 51.7

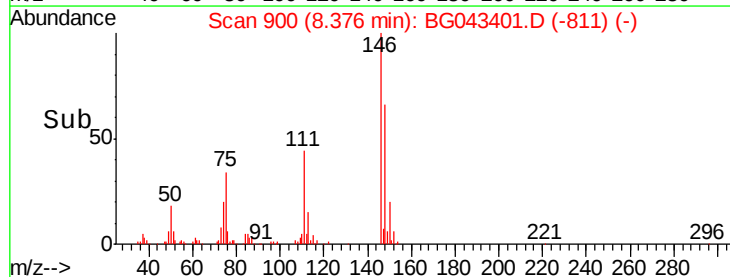
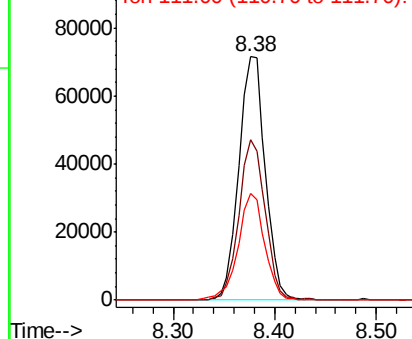


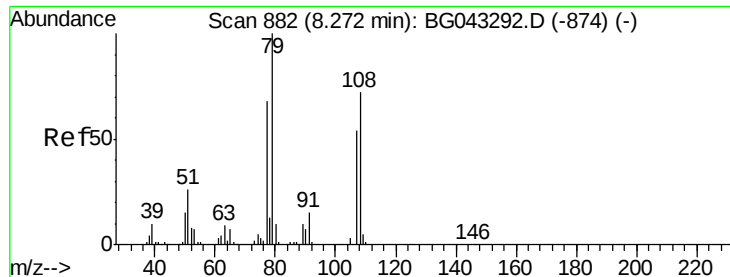
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.508 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

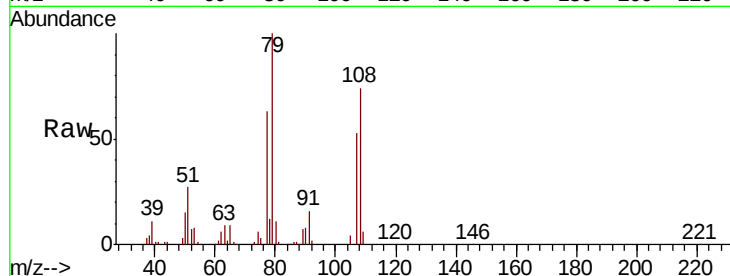
Tot Ion: 79 Resp: 100253

Ion Ratio Lower Upper

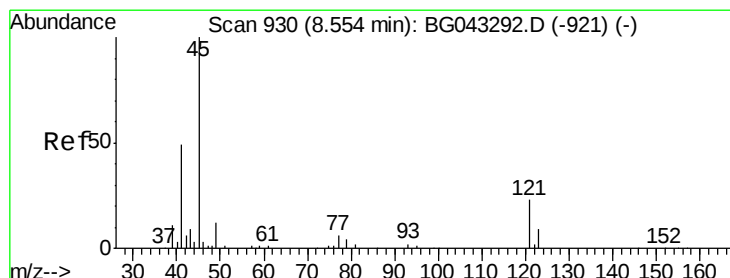
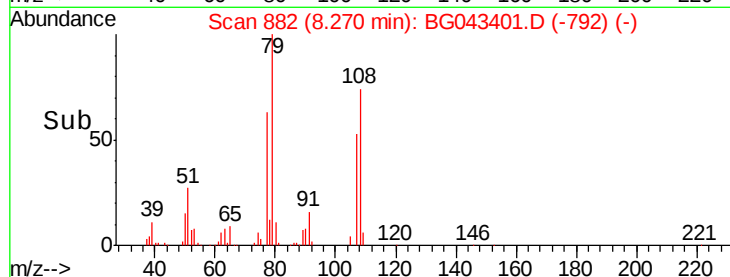
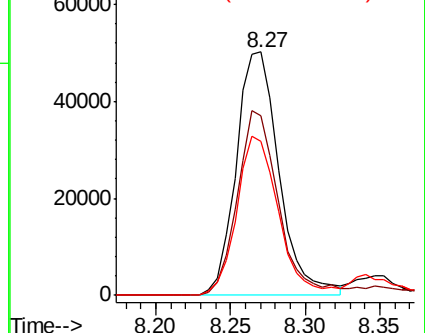
79 100

108 73.6 57.3 85.9

77 63.3 54.6 81.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.681 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

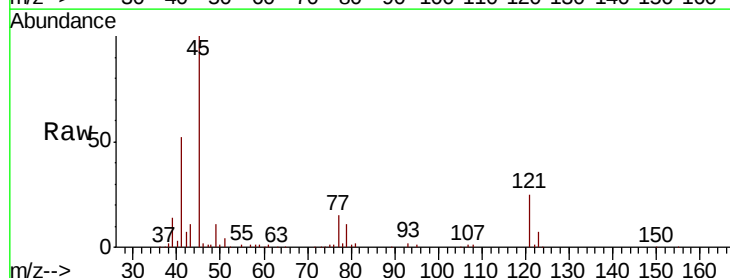
Tgt Ion: 45 Resp: 133745

Ion Ratio Lower Upper

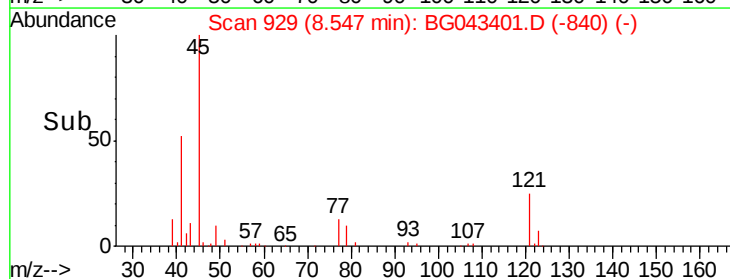
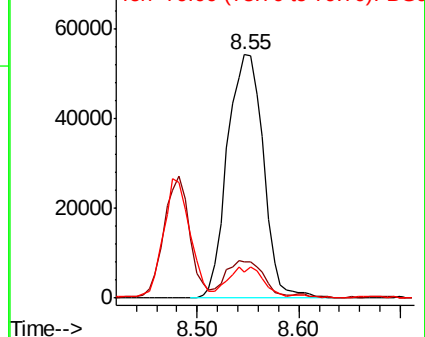
45 100

77 15.0 0.0 34.2

79 10.9 0.0 32.3



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





#17

2-Methylphenol

Concen: 42.349 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 92559

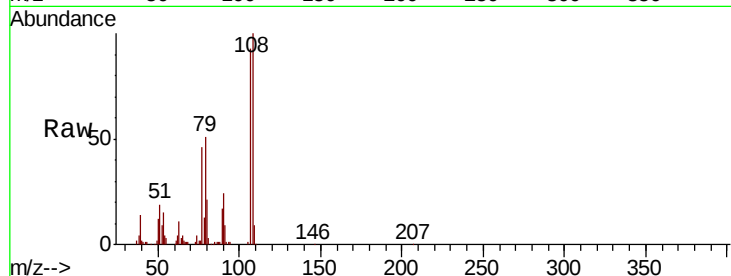
Ion Ratio Lower Upper

107 100

108 108.0 91.3 136.9

77 49.4 43.0 64.6

79 54.8 43.4 65.2

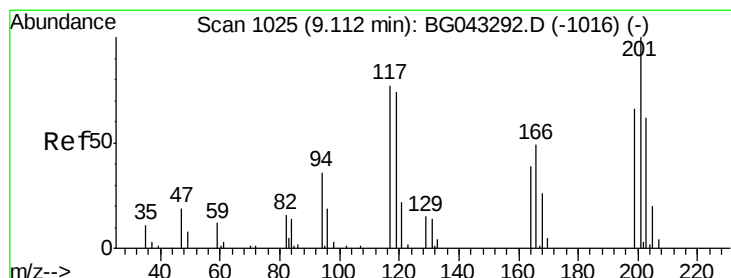
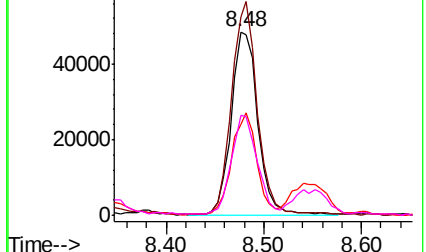
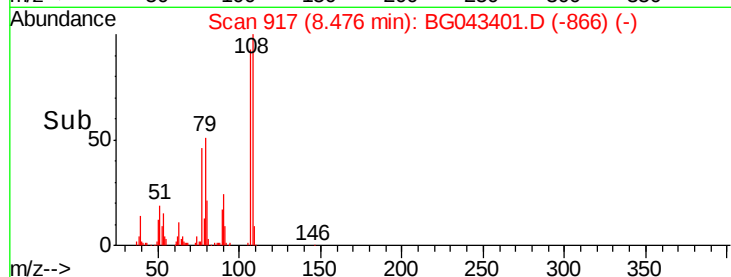


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.773 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

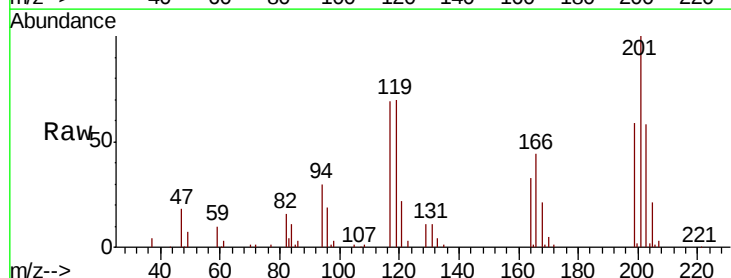
Tgt Ion:117 Resp: 46941

Ion Ratio Lower Upper

117 100

119 101.0 77.3 115.9

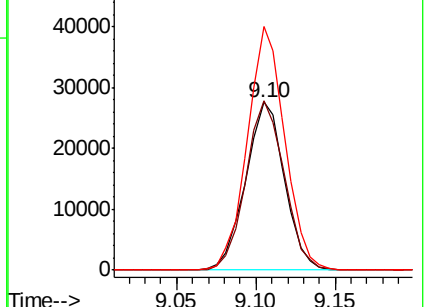
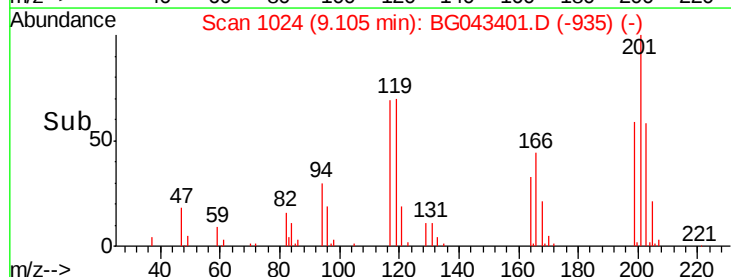
201 145.2 104.2 156.4

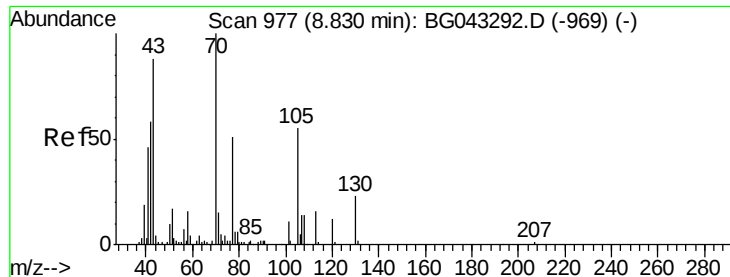


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

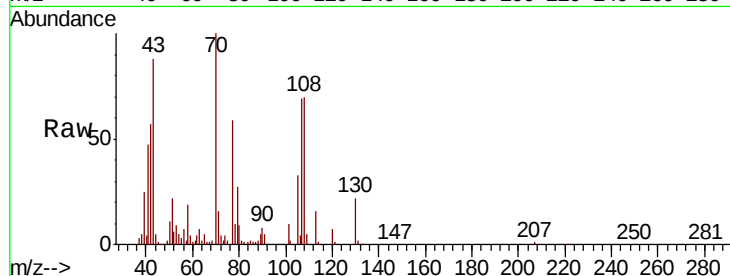




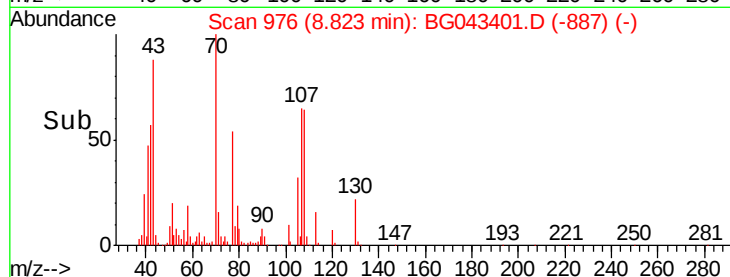
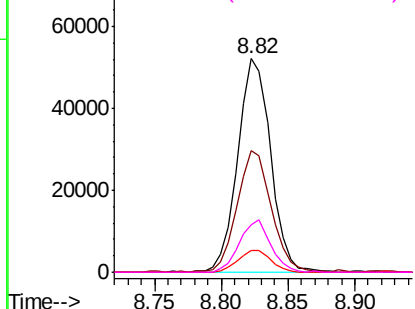
#19
n-Nitroso-di-n-propylamine
Concen: 41.989 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	89020
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.2	69.2
101	10.3	8.6	13.0
130	22.5	18.6	27.8



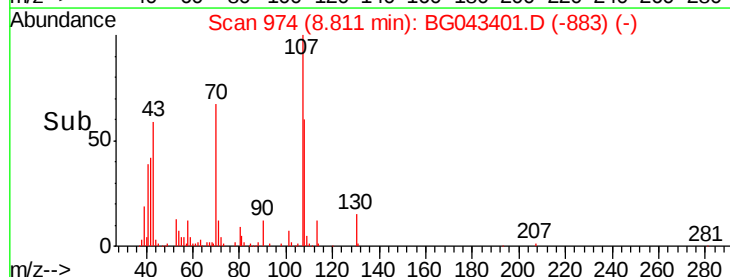
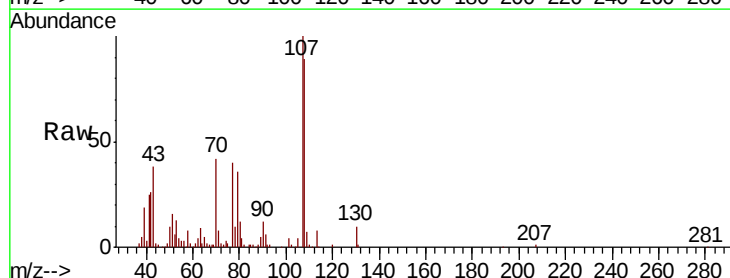
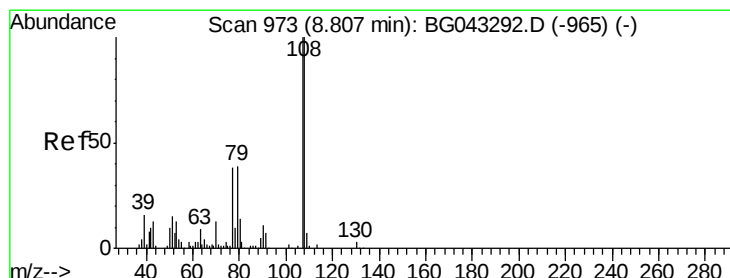
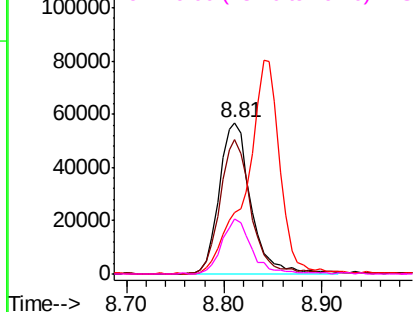
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

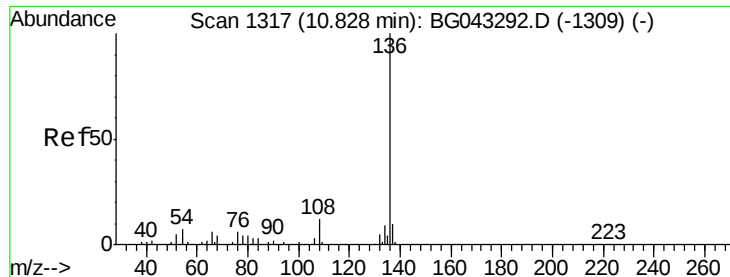


#20
3+4-Methylphenols
Concen: 42.646 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion:	107	Resp:	127813
Ion	Ratio	Lower	Upper
107	100		
108	88.8	80.3	120.3
77	40.3	18.2	58.2
79	36.0	18.8	58.8

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 174523

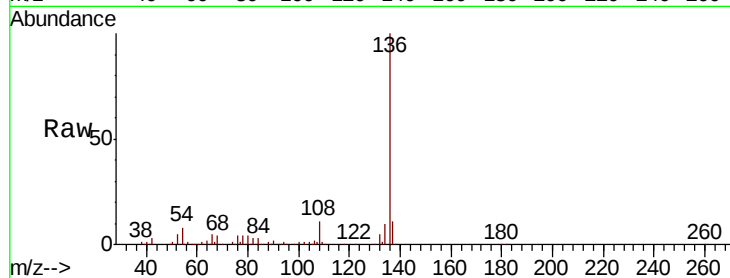
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 7.8 5.4 8.2

68 4.3 3.3 4.9

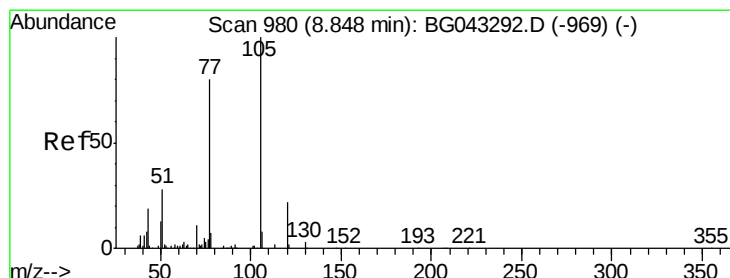
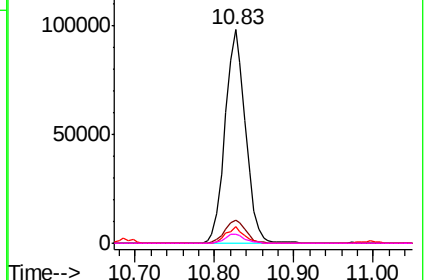
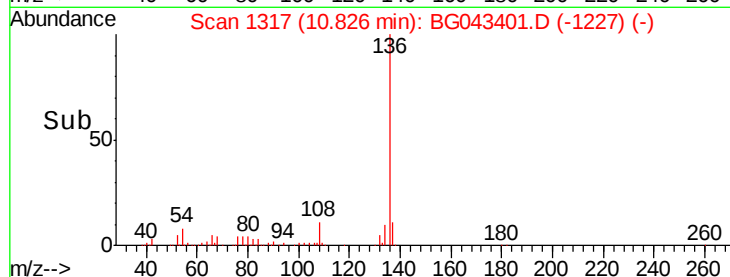


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.086 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Tgt Ion:105 Resp: 183630

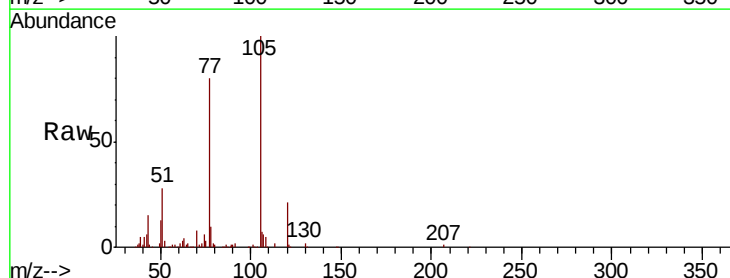
Ion Ratio Lower Upper

105 100

71 1.1 1.5 2.3#

51 27.5 23.9 35.9

120 20.9 17.3 25.9

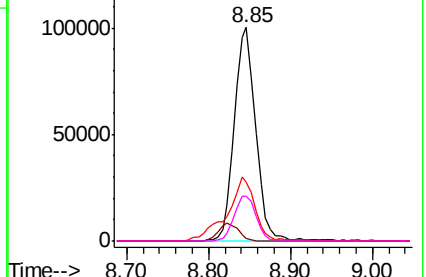
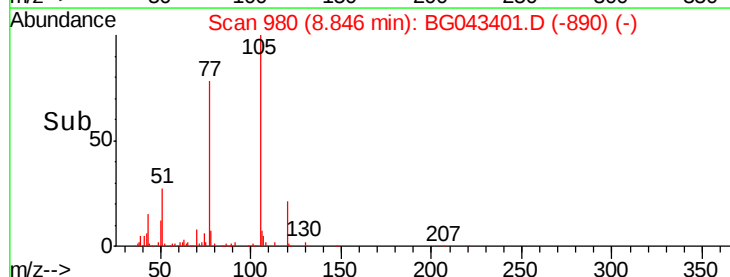


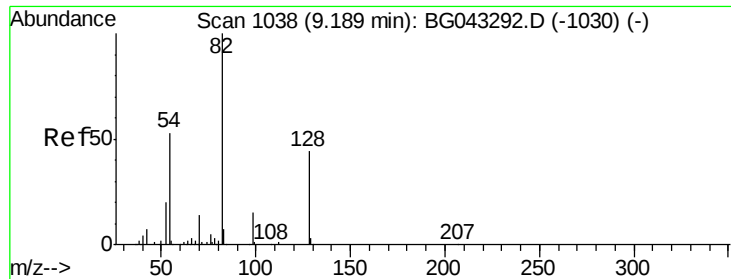
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

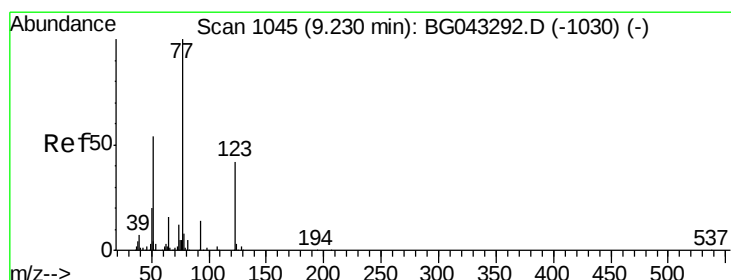
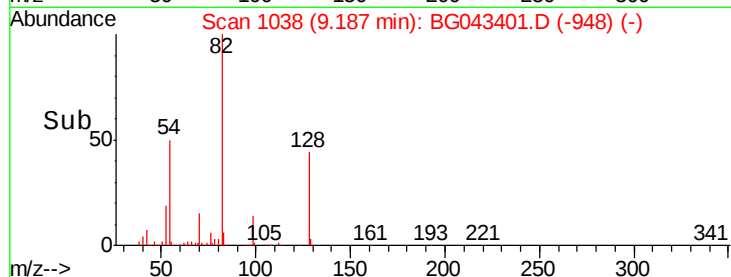
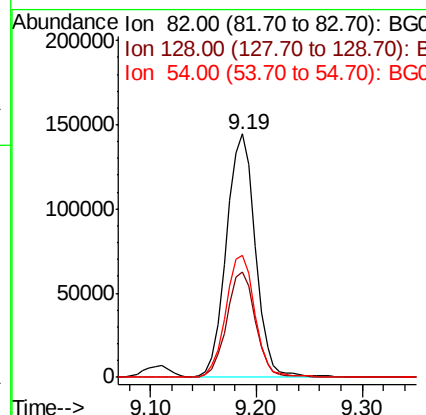
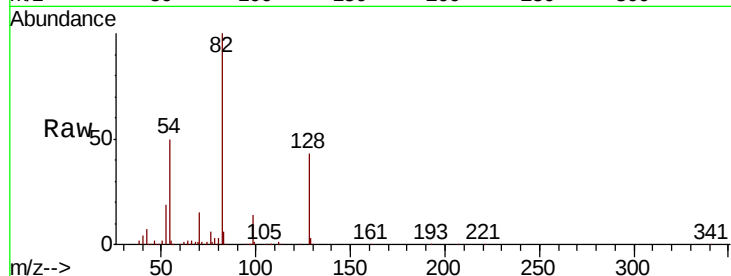




#23
 Nitrobenzene-d5
 Concen: 80.879 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

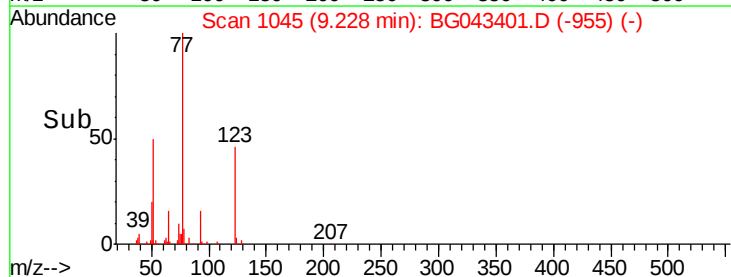
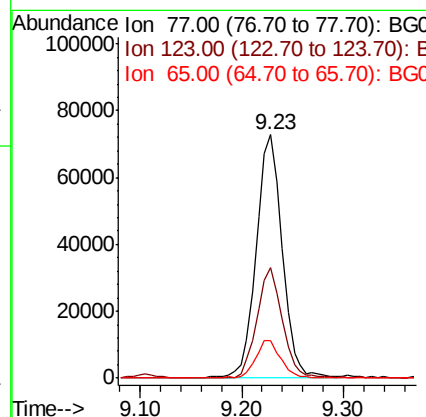
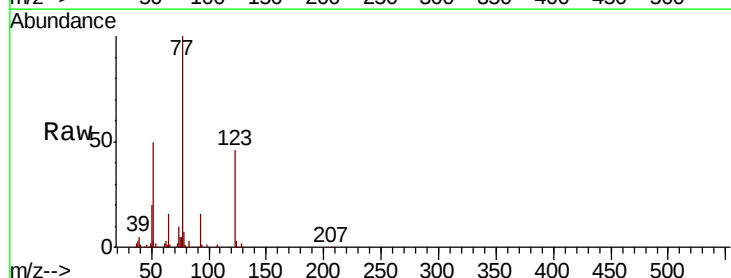
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

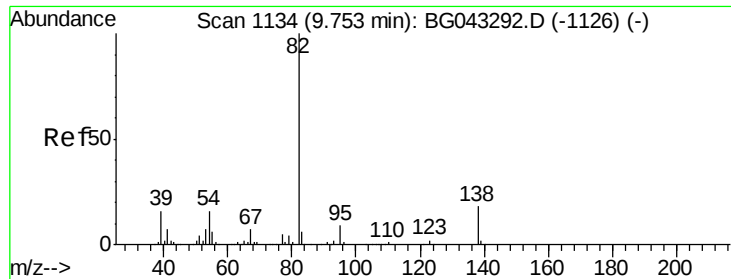
Tot Ion	82	Resp	273791
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.3	52.9
54	50.3	42.3	63.5



#24
 Nitrobenzene
 Concen: 40.413 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Tgt Ion	77	Resp	130323
Ion Ratio	Lower	Upper	
77	100		
123	45.5	33.8	50.8
65	15.6	13.0	19.4





#25

Isophorone

Concen: 39.656 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

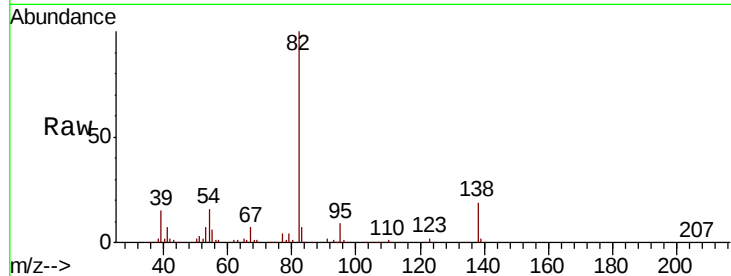
Tot Ion: 82 Resp: 245433

Ion Ratio Lower Upper

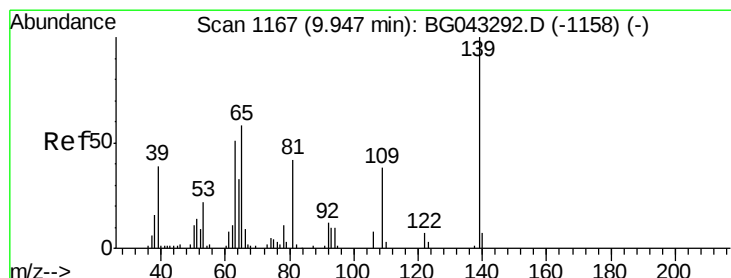
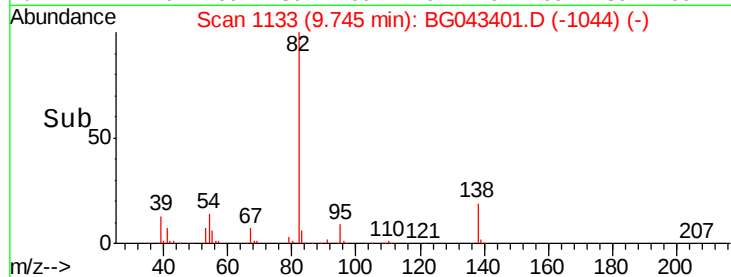
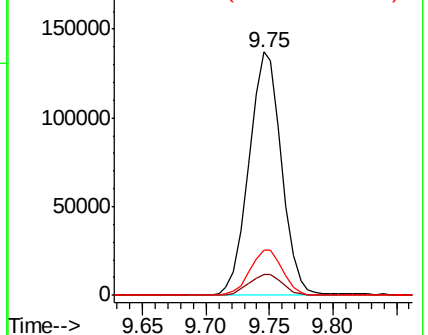
82 100

95 8.7 6.9 10.3

138 18.8 14.2 21.2



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



#26

2-Nitrophenol

Concen: 41.870 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

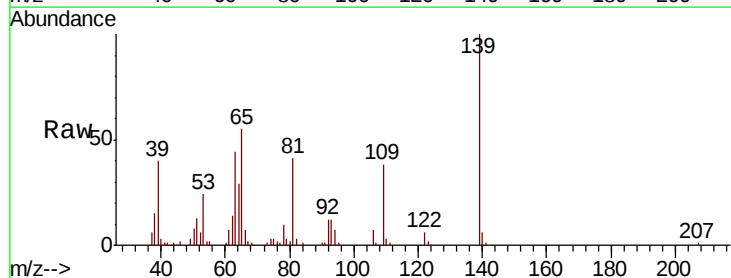
Tgt Ion: 139 Resp: 65187

Ion Ratio Lower Upper

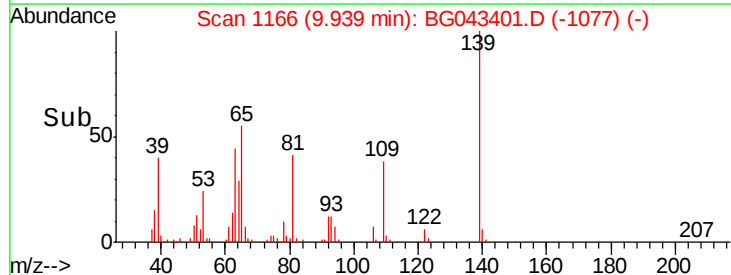
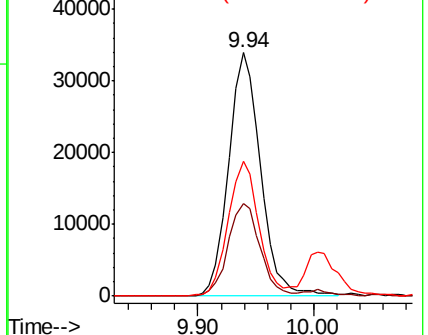
139 100

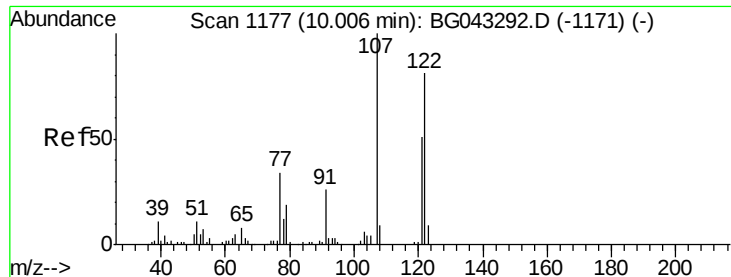
109 38.2 30.1 45.1

65 55.3 46.1 69.1



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

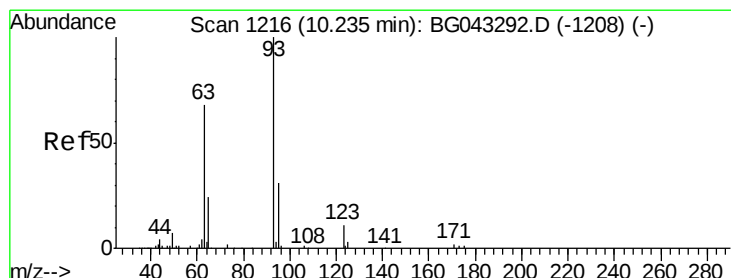
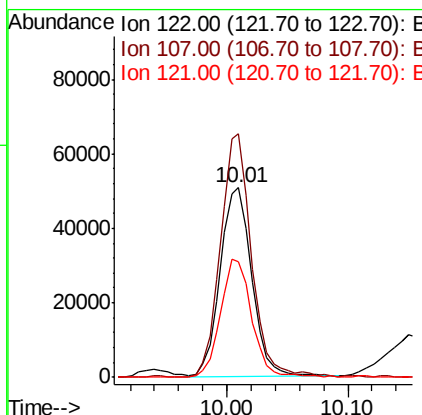
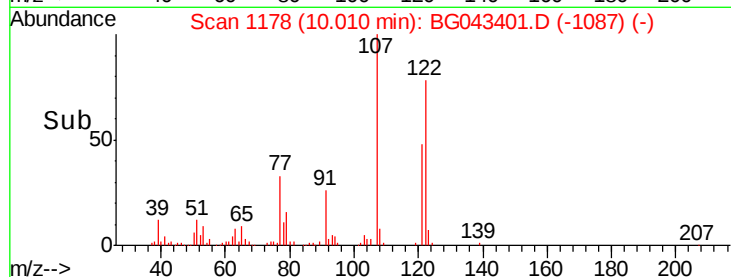
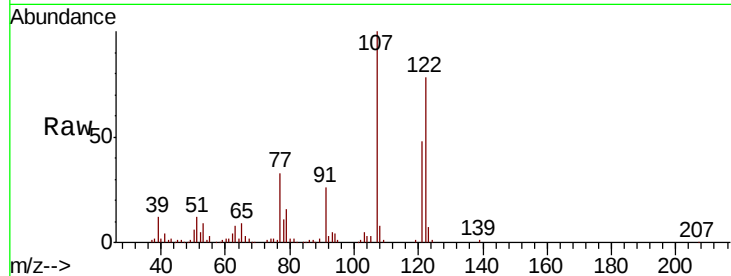




#27
 2,4-Dimethylphenol
 Concen: 41.072 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

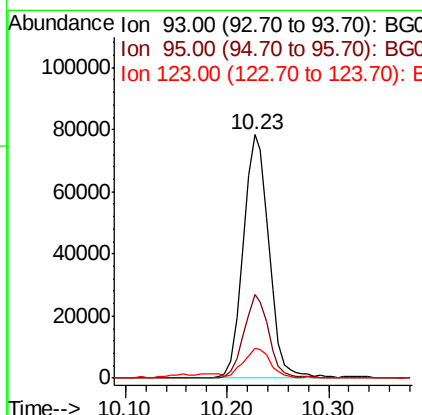
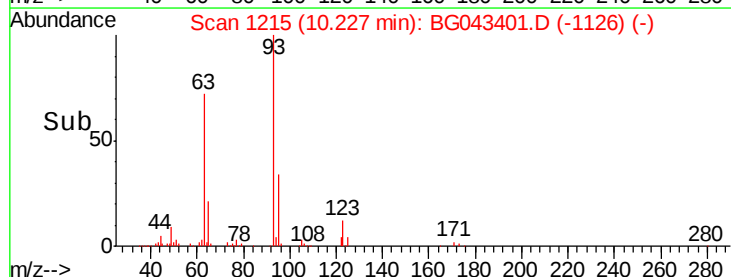
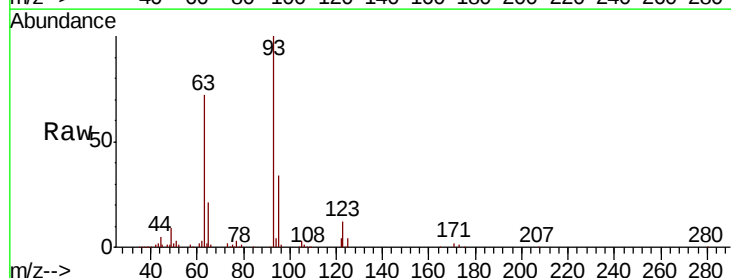
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 91649
 Ion Ratio Lower Upper
 122 100
 107 128.7 98.6 147.8
 121 61.2 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.196 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Tgt Ion: 93 Resp: 137303
 Ion Ratio Lower Upper
 93 100
 95 34.5 24.9 37.3
 123 12.4 8.9 13.3

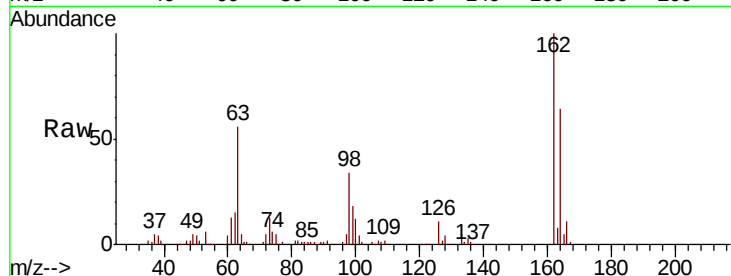




#29
 2,4-Dichlorophenol
 Concen: 41.976 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	162	Resp	120011
Ion	Ratio	Lower	Upper
162	100		
164	63.8	37.3	77.3
98	33.9	11.8	51.8

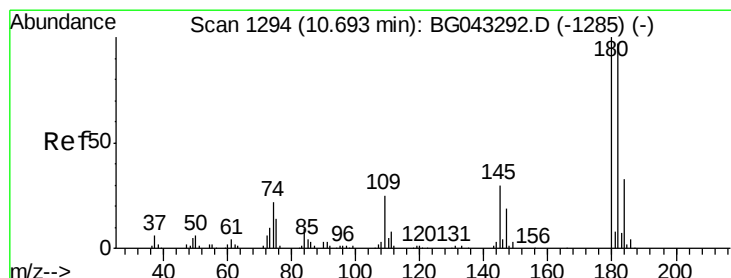
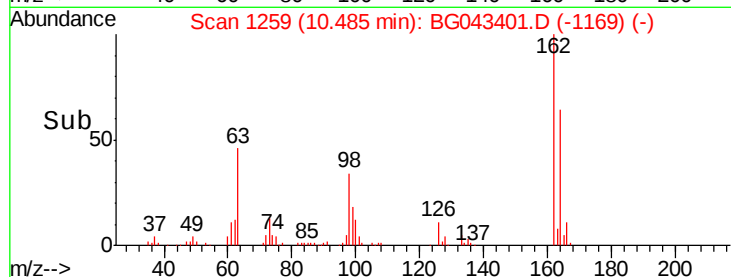
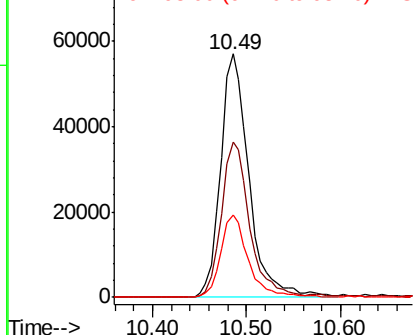


Abundance

Ion 162.00 (161.70 to 162.70): E

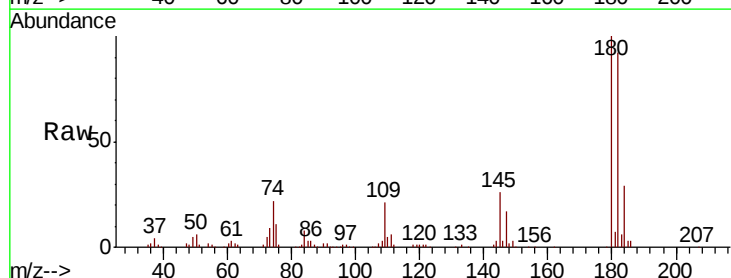
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.719 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Tgt Ion	180	Resp	146731
Ion	Ratio	Lower	Upper
180	100		
182	91.8	77.8	116.8
145	26.1	23.6	35.4

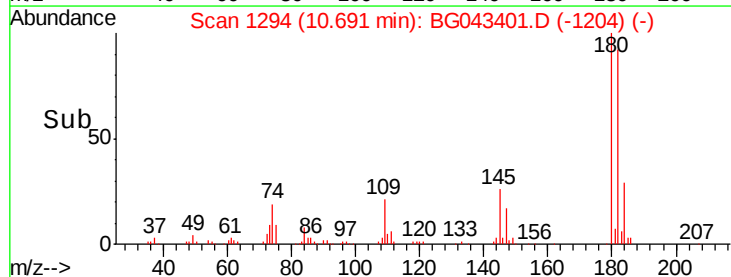
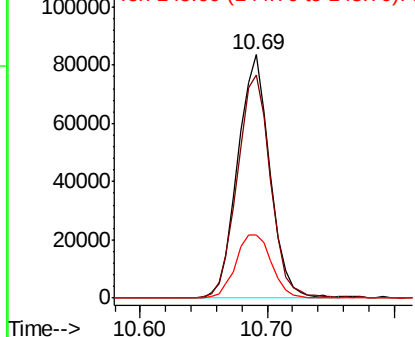


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

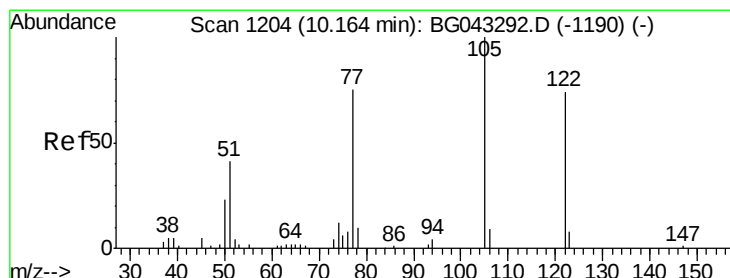
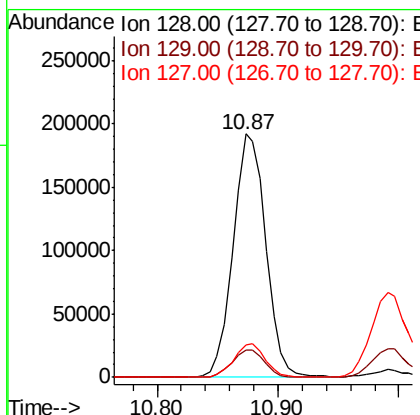
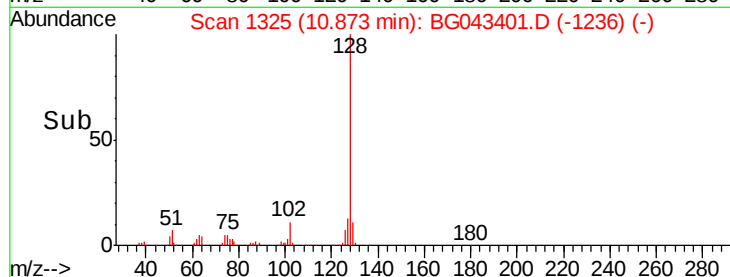
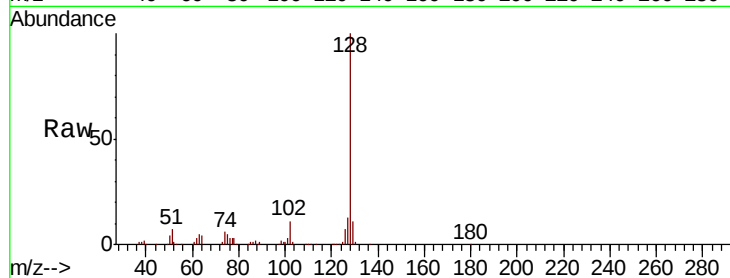




#31
Naphthalene
Concen: 40.797 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

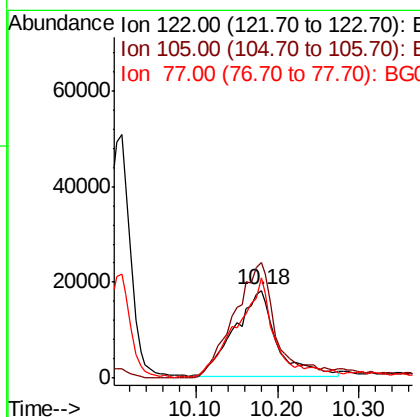
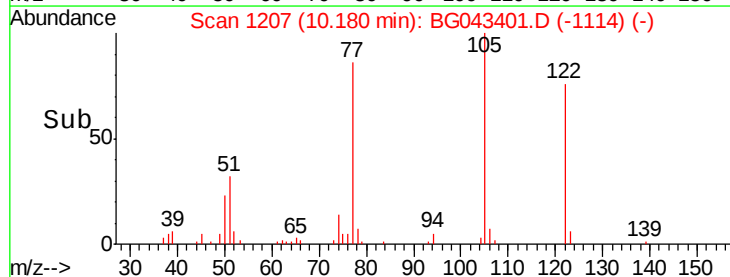
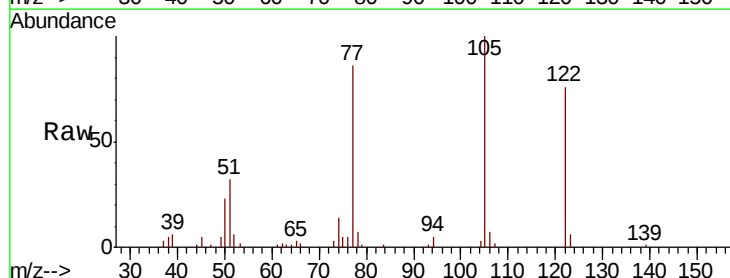
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

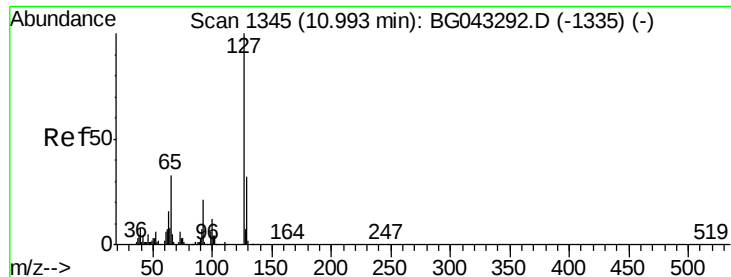
Tot Ion:128 Resp: 361407
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.4 11.5 17.3



#32
Benzoic acid
Concen: 39.704 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion:122 Resp: 64366
Ion Ratio Lower Upper
122 100
105 131.5 112.4 152.4
77 113.7 82.7 122.7

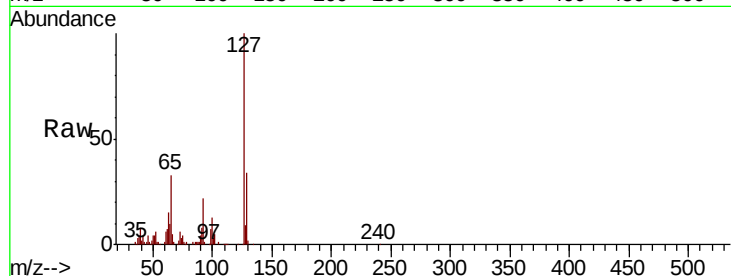




#33
4-Chloroaniline
Concen: 40.583 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	147369	
Ion Ratio	Lower	Upper	
127 100			
129 34.5	25.8	38.8	
65 33.4	26.2	39.2	
92 21.5	17.0	25.4	



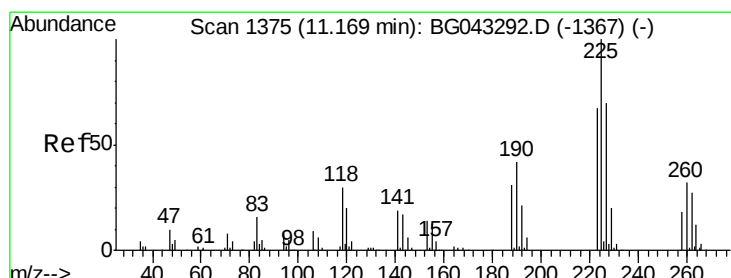
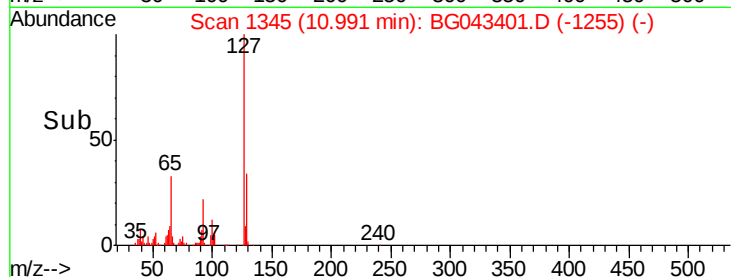
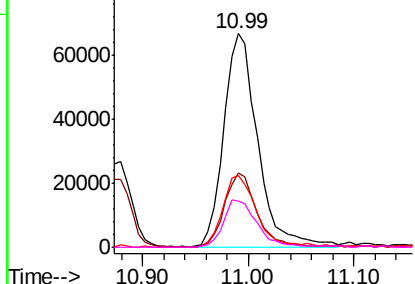
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

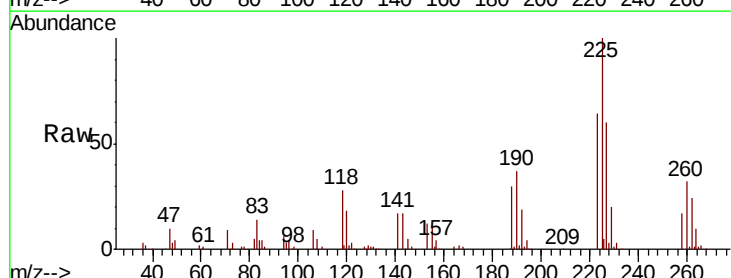
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.746 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion	225	Resp: Lower	108537 Upper
	Ratio		
225	100		
223	63.5	53.2	79.8
227	60.0	56.2	84.2

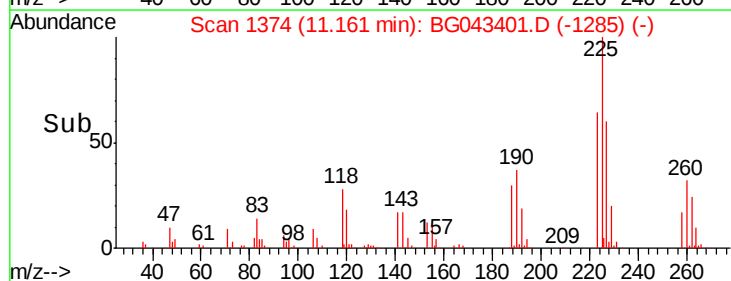
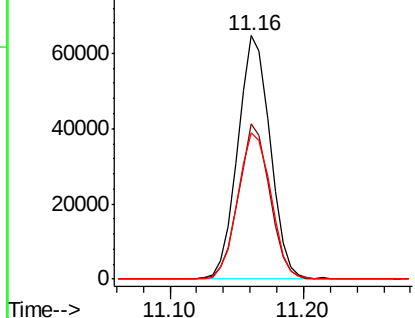


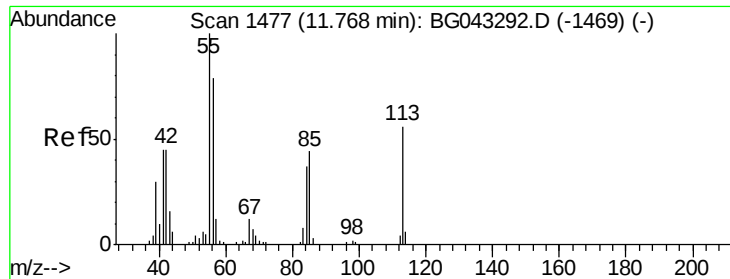
Abundance

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: 42.563 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

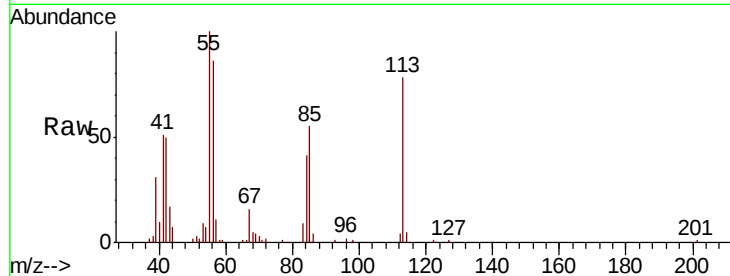
Tot Ion:113 Resp: 41911

Ion Ratio Lower Upper

113 100

55 128.6 158.9 198.9#

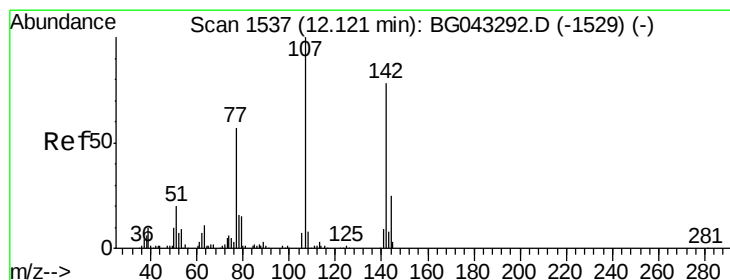
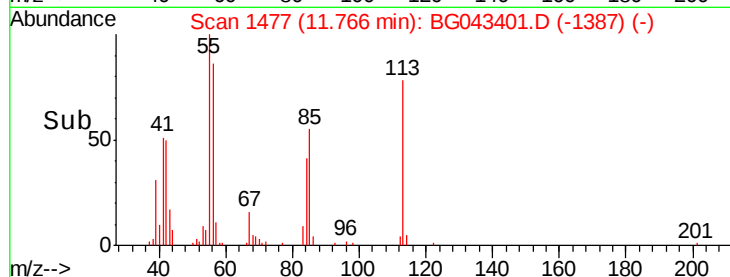
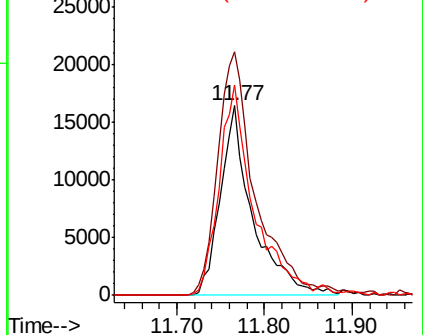
56 110.8 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.860 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

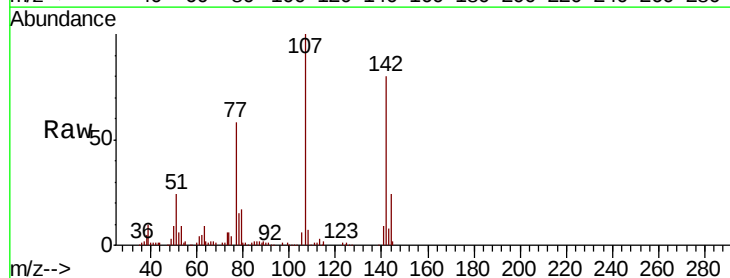
Tgt Ion:107 Resp: 127429

Ion Ratio Lower Upper

107 100

144 24.4 19.9 29.9

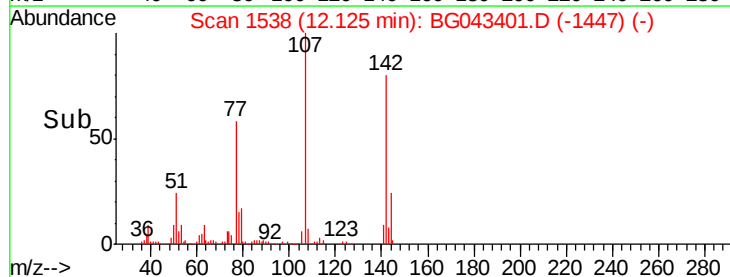
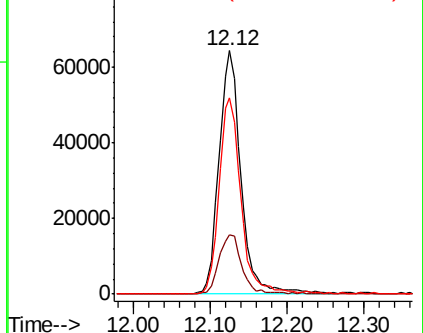
142 80.5 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

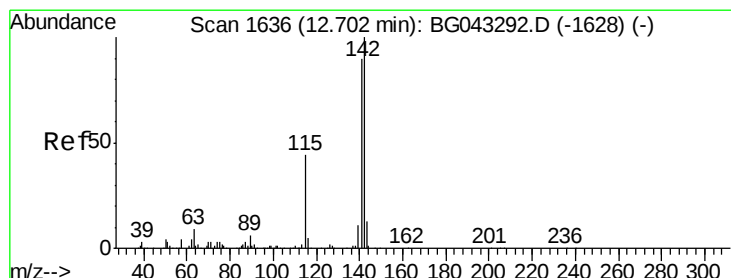
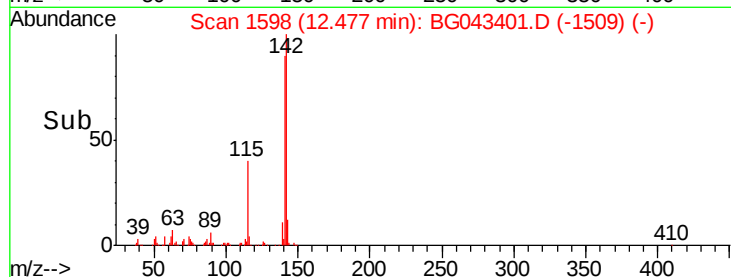
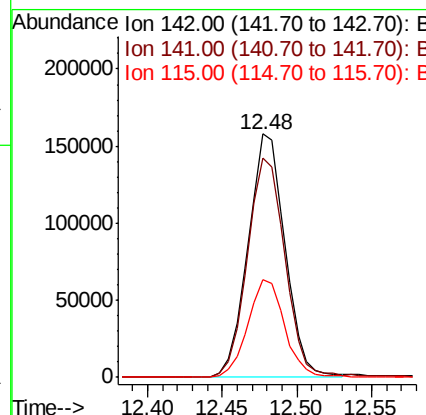
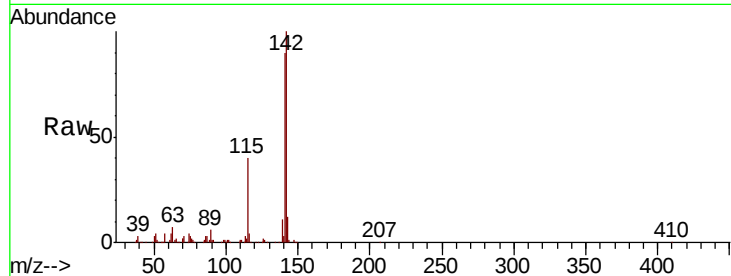




#37
 2-Methylnaphthalene
 Concen: 39.728 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

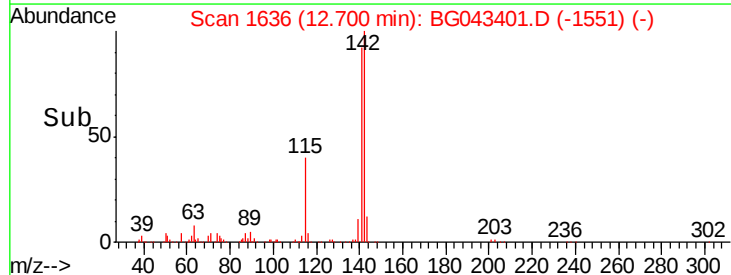
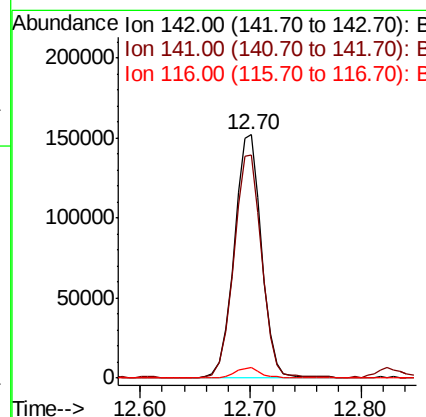
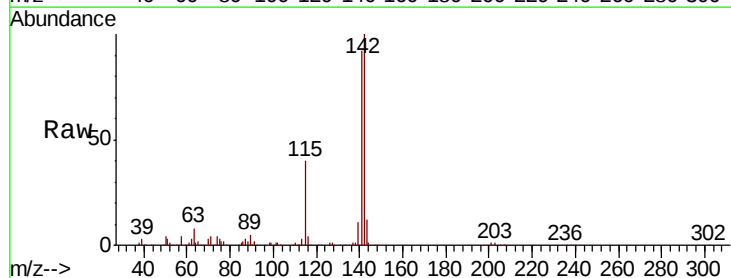
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

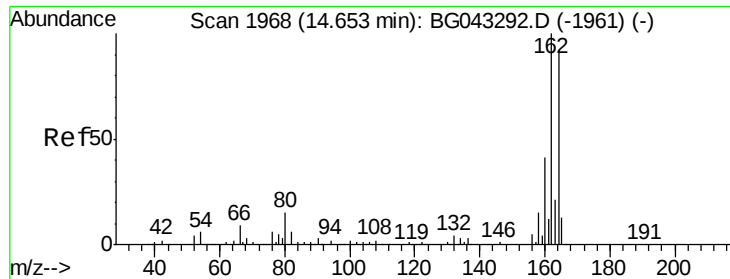
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	69.7	104.5
115	40.1	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 40.465 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.3	108.5
116	4.2	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

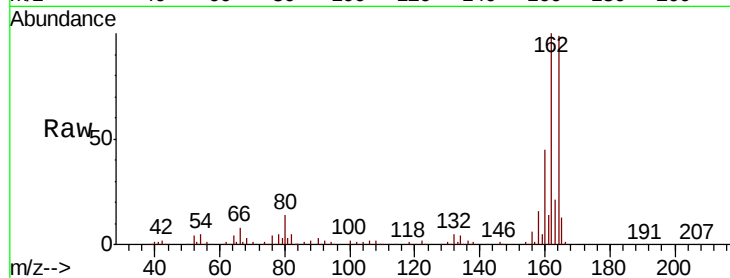
Tot Ion:164 Resp: 123875

Ion Ratio Lower Upper

164 100

162 101.4 87.0 130.4

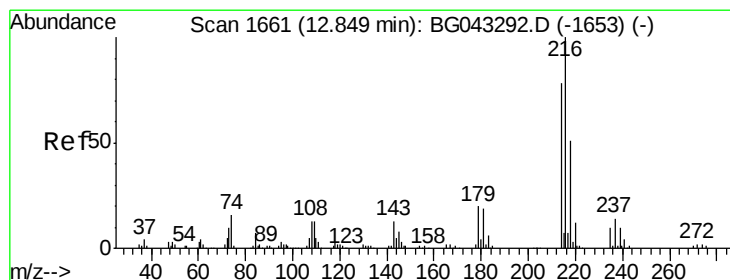
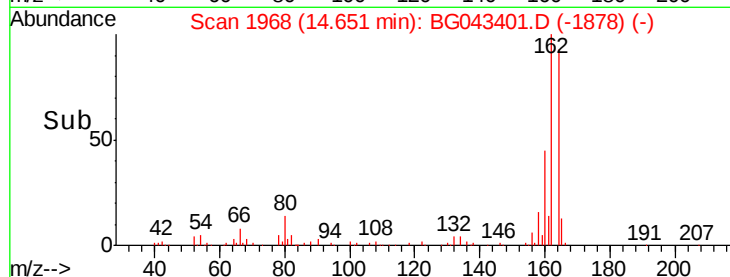
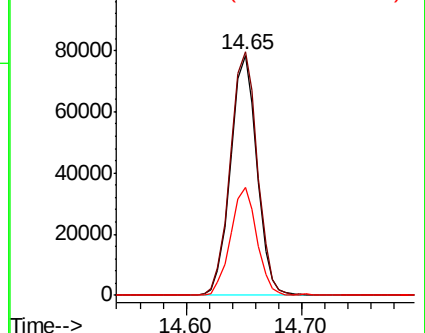
160 45.2 35.5 53.3



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: 41.833 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Tgt Ion:216 Resp: 191783

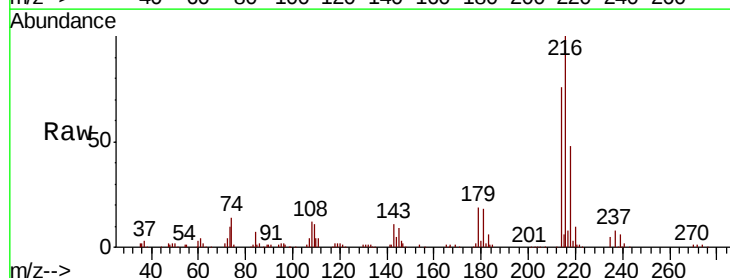
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 19.5 16.2 24.2

108 14.2 11.2 16.8

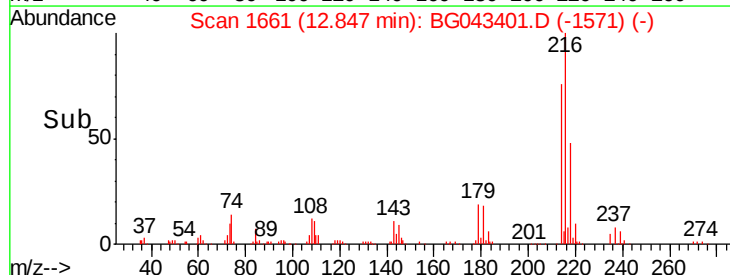
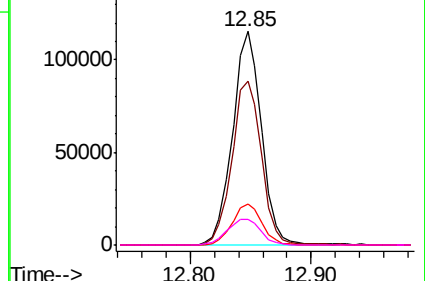


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.693 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

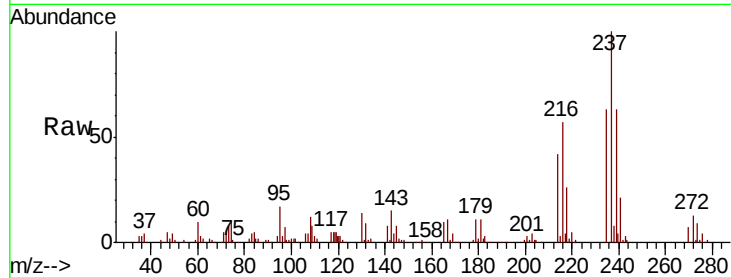
Tot Ion:237 Resp: 97998

Ion Ratio Lower Upper

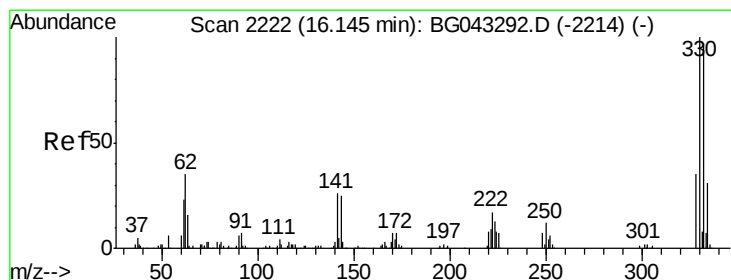
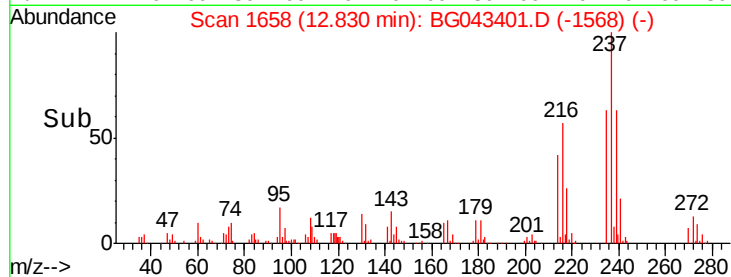
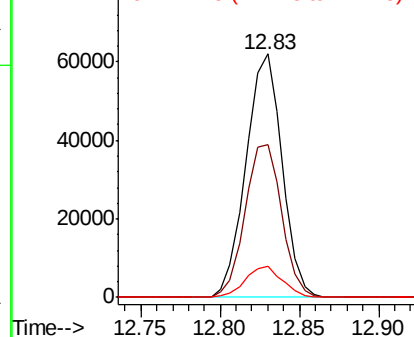
237 100

235 62.7 40.3 80.3

272 13.0 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.342 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

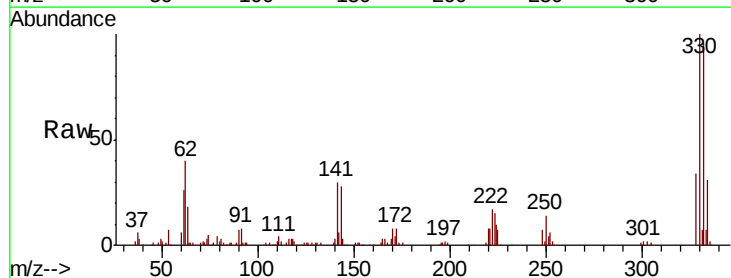
Tgt Ion:330 Resp: 189394

Ion Ratio Lower Upper

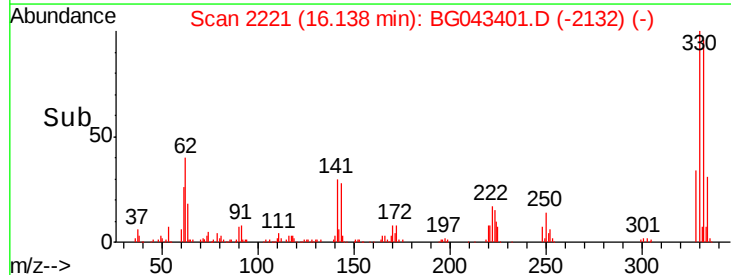
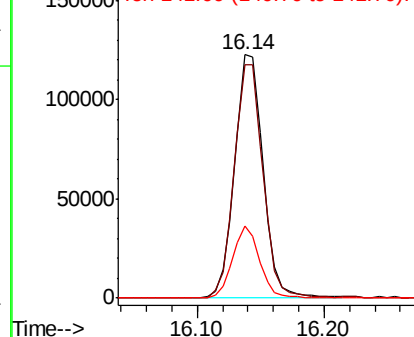
330 100

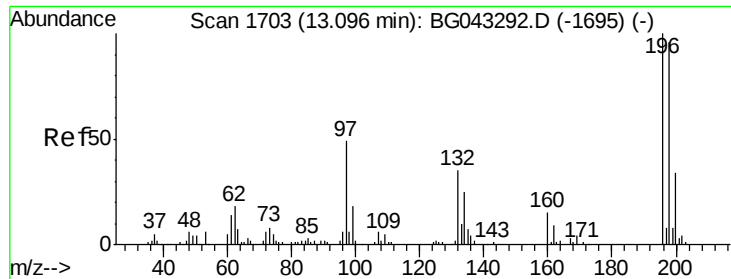
332 96.7 76.4 114.6

141 28.2 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

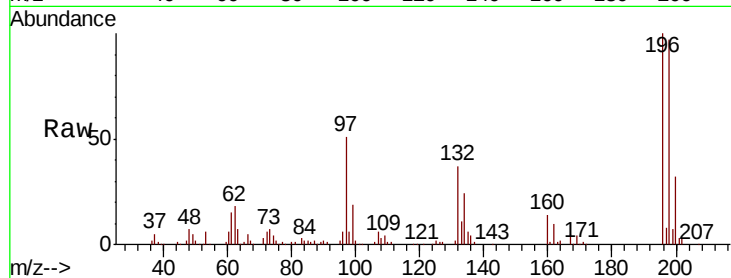




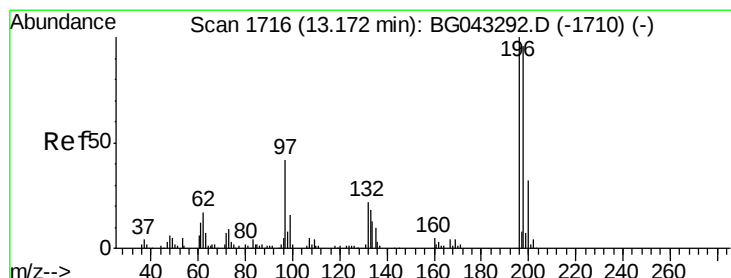
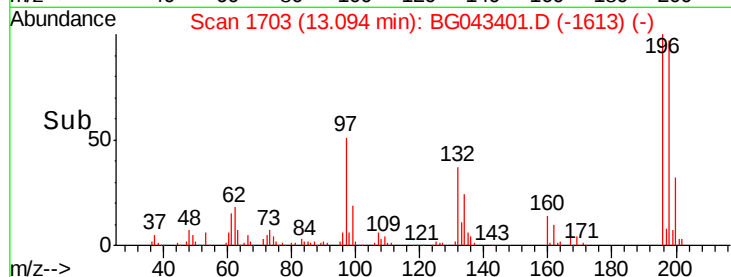
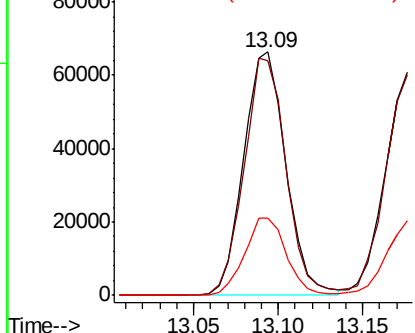
#43
 2,4,6-Trichlorophenol
 Concen: 42.721 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 115339
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.0 115.4
 200 31.7 27.4 41.2



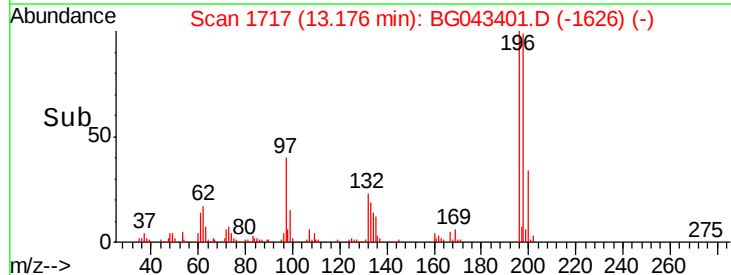
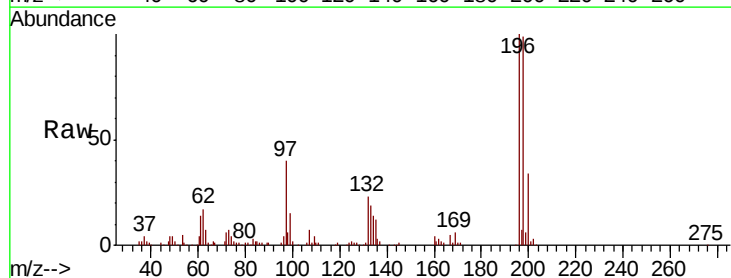
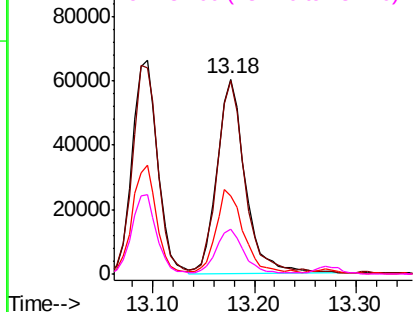
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

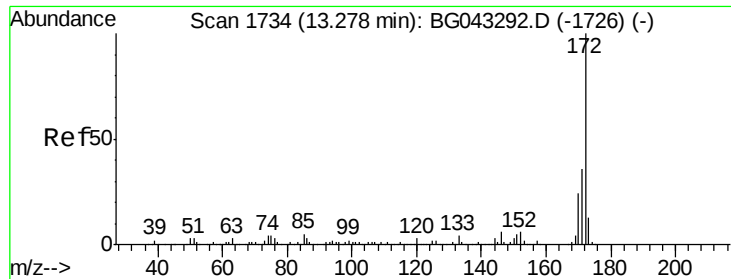


#44
 2,4,5-Trichlorophenol
 Concen: 42.455 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Tgt Ion:196 Resp: 115879
 Ion Ratio Lower Upper
 196 100
 198 99.2 76.6 114.8
 97 40.3 34.1 51.1
 132 23.3 18.2 27.4

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

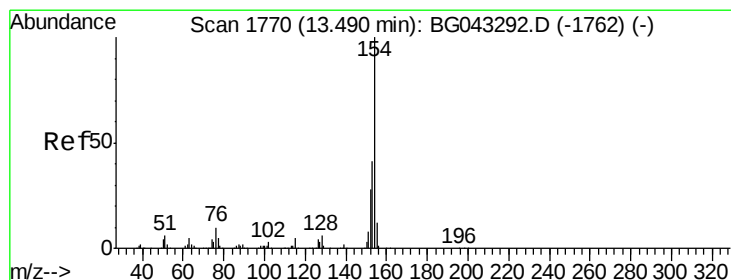
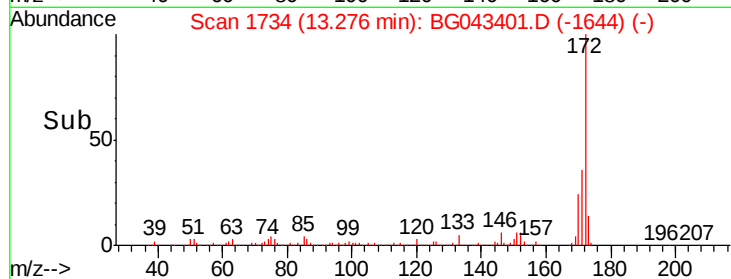
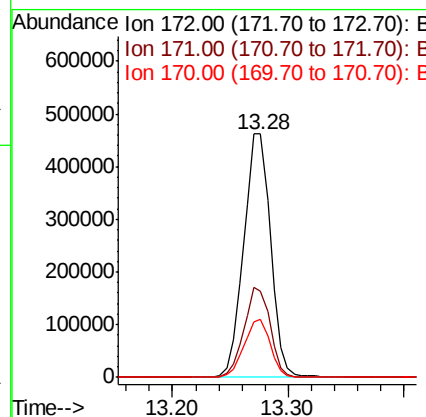
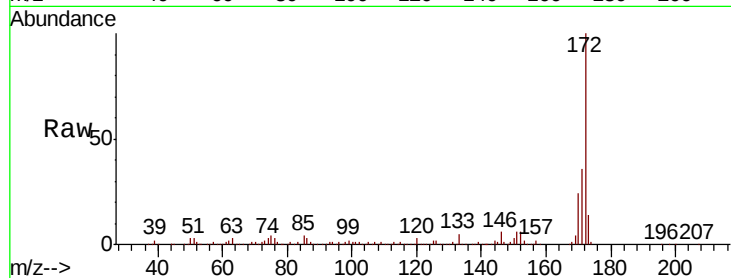




#45
2-Fluorobiphenyl
Concen: 83.482 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

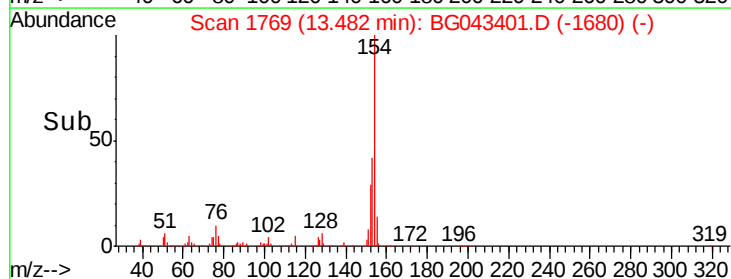
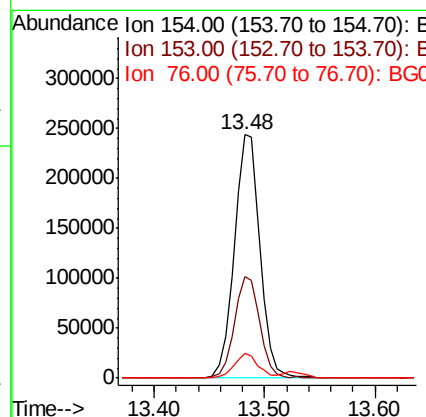
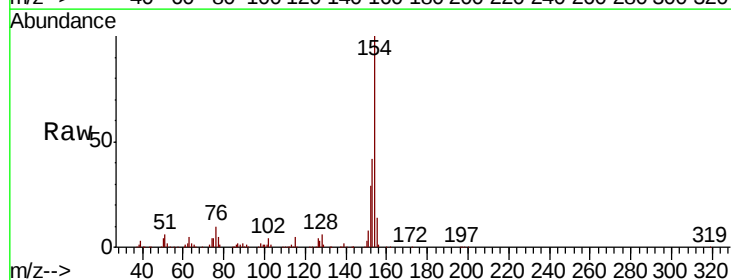
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

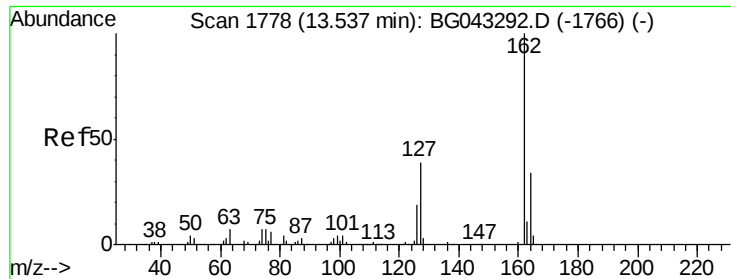
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.6	18.8	28.2



#46
1,1'-Biphenyl
Concen: 42.172 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.0	61.0
76	10.1	0.0	29.8

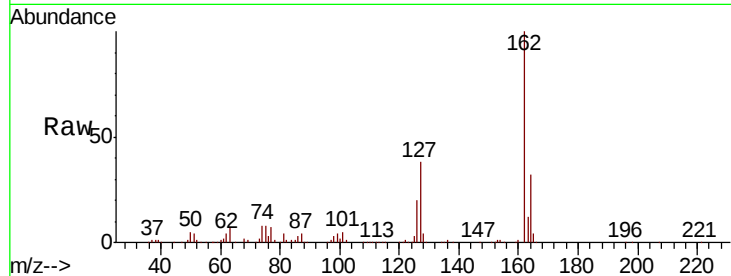




#47
2-Chloronaphthalene
Concen: 42.166 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.3	46.9
164	32.3	26.8	40.2

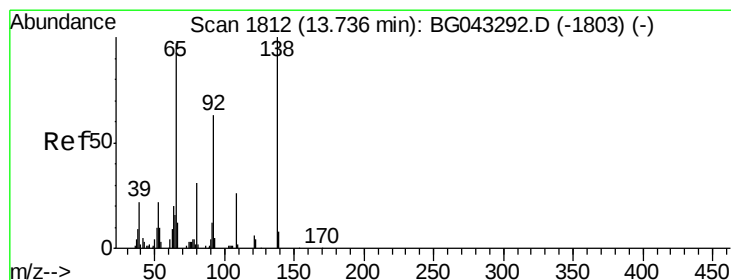
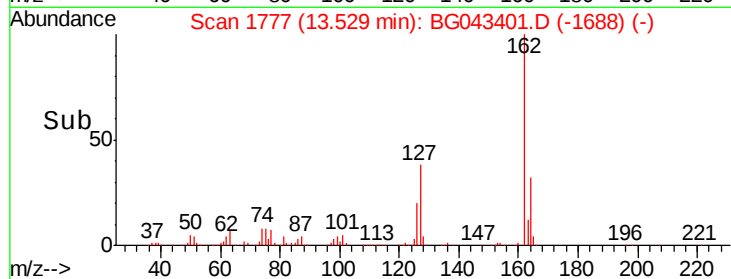
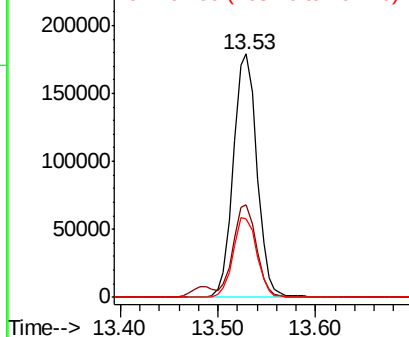


Abundance

Ion 162.00 (161.70 to 162.70): E

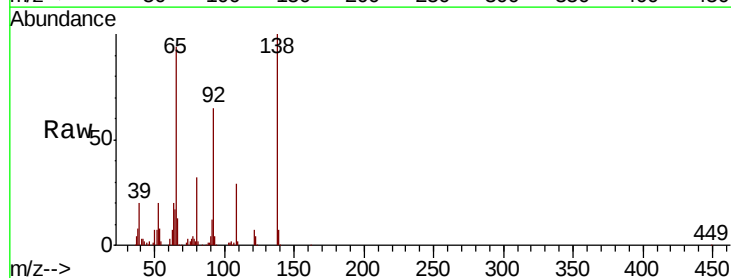
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.213 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.6	79.0
138	105.8	82.9	124.3

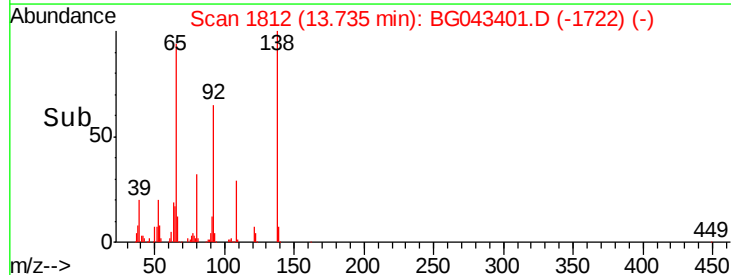
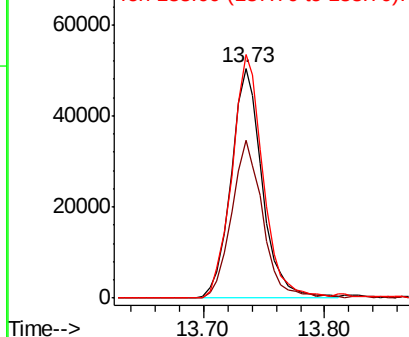


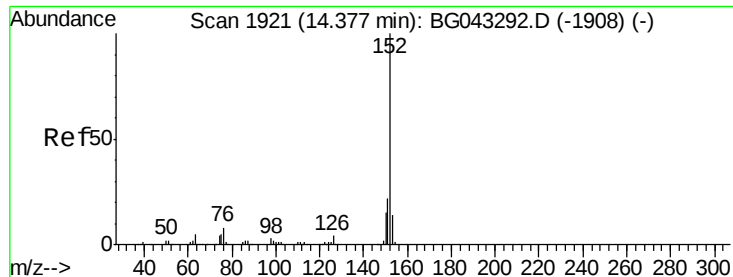
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.587 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

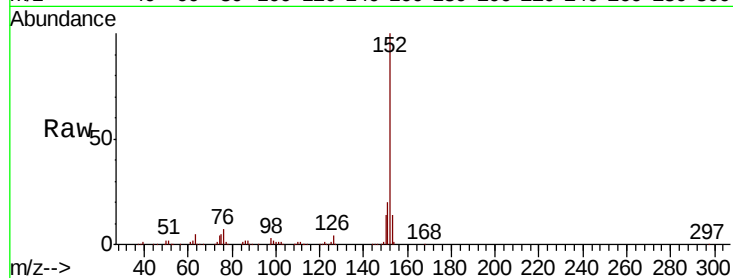
Tot Ion:152 Resp: 464082

Ion Ratio Lower Upper

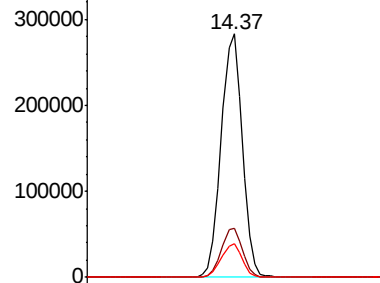
152 100

151 20.4 17.2 25.8

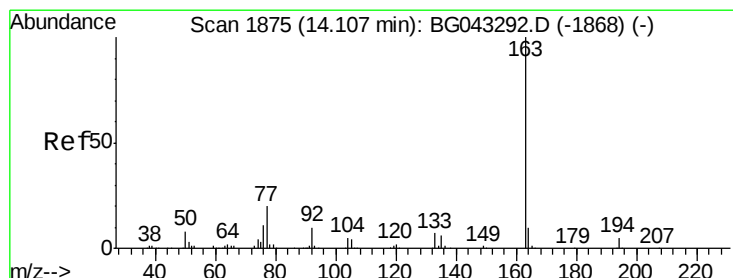
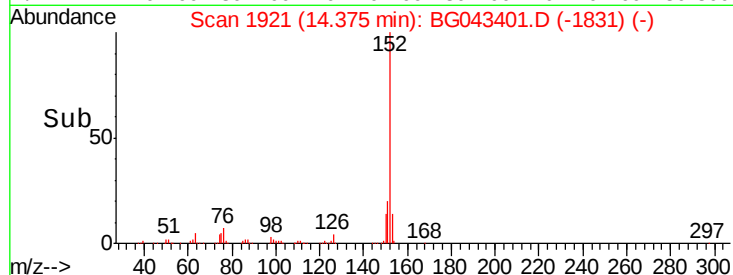
153 14.0 11.0 16.6



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



Time-->



#50

Dimethylphthalate

Concen: 40.712 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

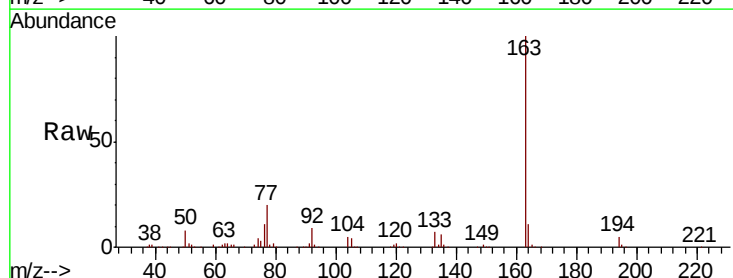
Tgt Ion:163 Resp: 390626

Ion Ratio Lower Upper

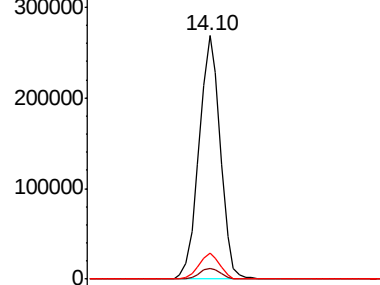
163 100

194 4.5 3.7 5.5

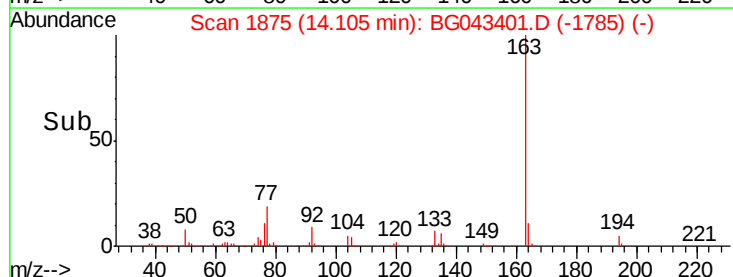
164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

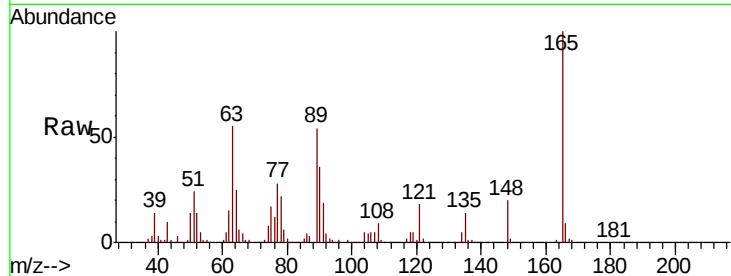




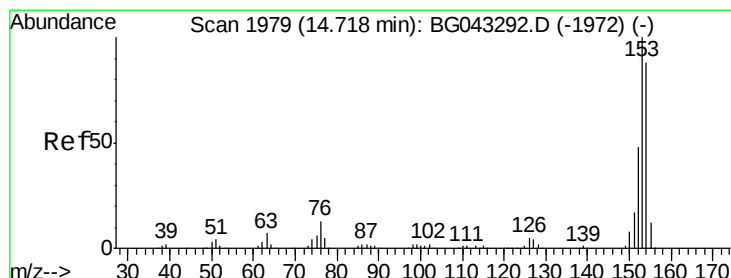
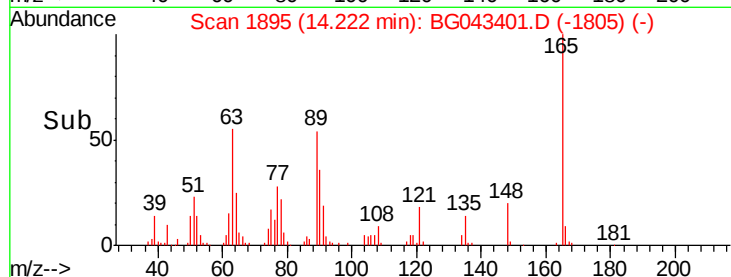
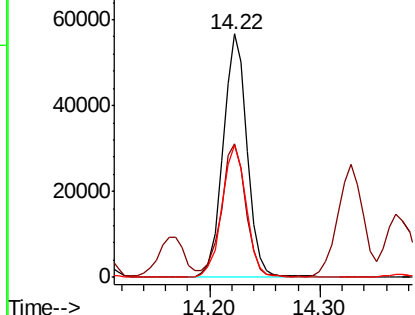
#51
2,6-Dinitrotoluene
Concen: 41.183 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 85845
Ion Ratio Lower Upper
165 100
63 54.8 47.1 70.7
89 54.4 43.7 65.5

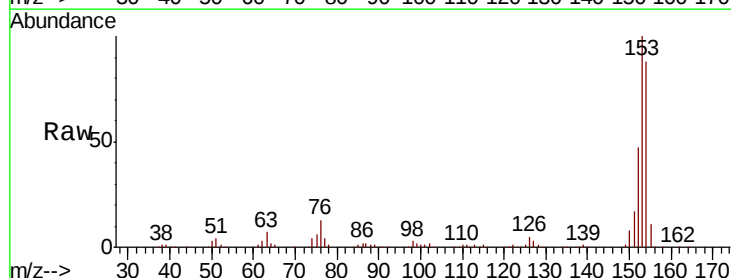


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

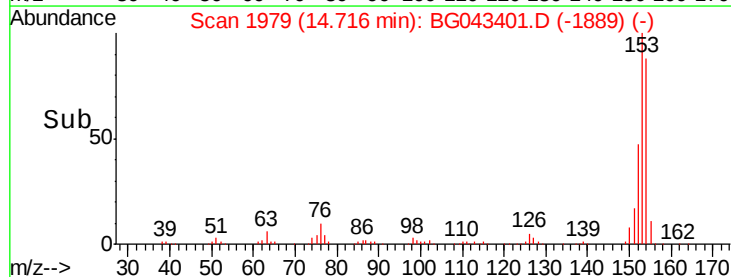
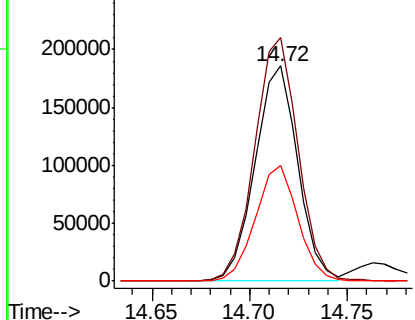


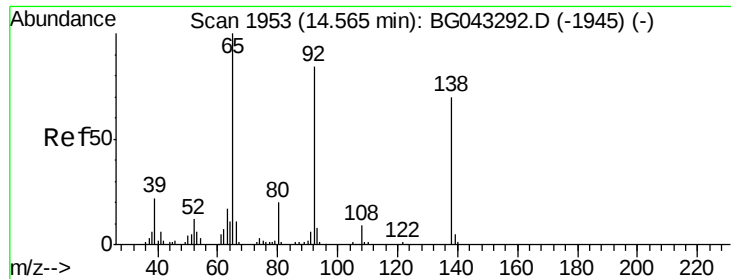
#52
Acenaphthene
Concen: 41.286 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion:154 Resp: 280971
Ion Ratio Lower Upper
154 100
153 113.0 90.9 136.3
152 53.6 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: 42.358 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

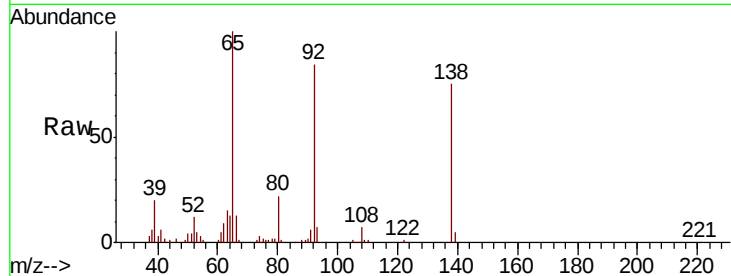
Tot Ion:138 Resp: 85246

Ion Ratio Lower Upper

138 100

108 9.5 9.8 14.6#

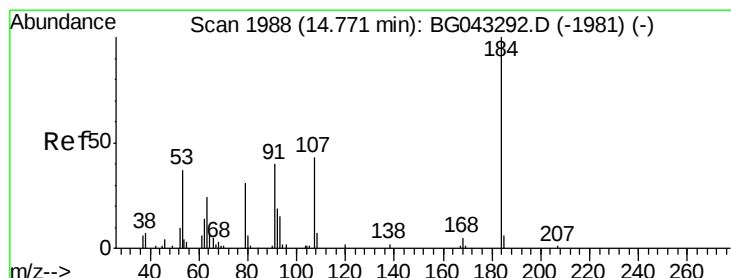
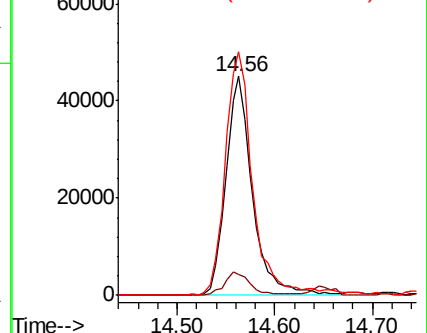
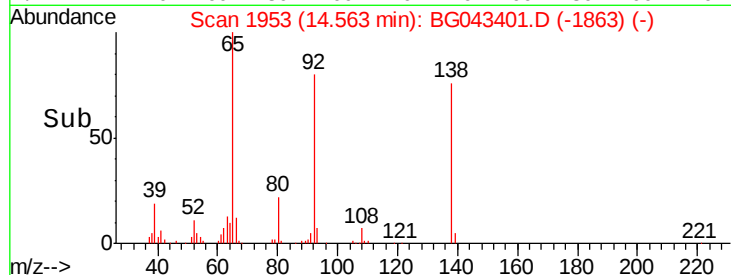
92 111.1 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 38.918 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

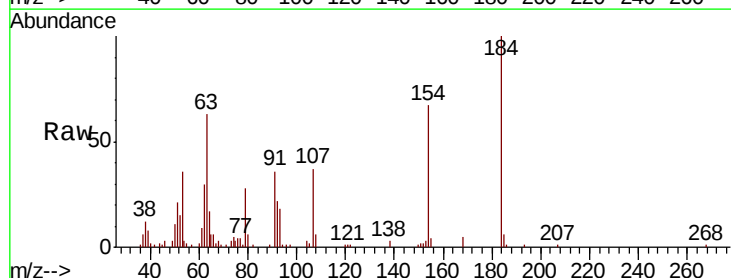
Tgt Ion:184 Resp: 45303

Ion Ratio Lower Upper

184 100

63 63.0 48.8 73.2

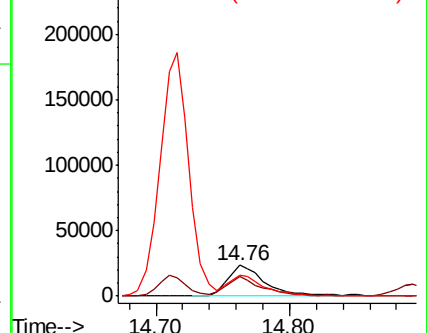
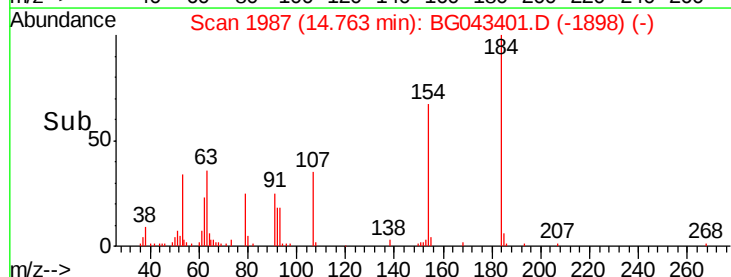
154 67.2 49.4 74.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

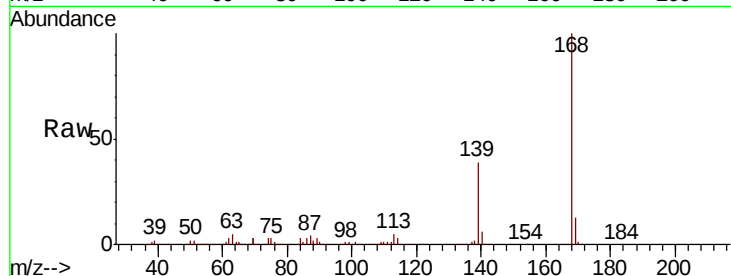




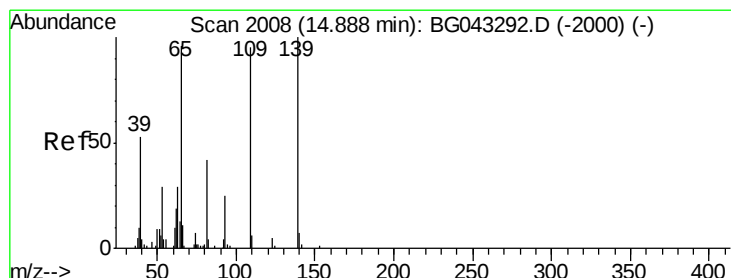
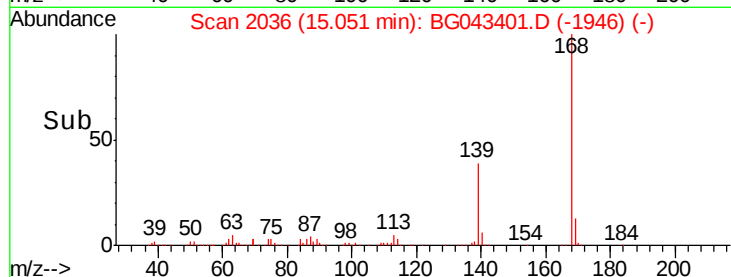
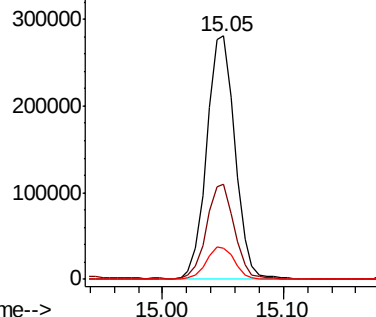
#55
Dibenzenofuran
Concen: 41.691 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.7	47.5
169	13.0	11.0	16.4

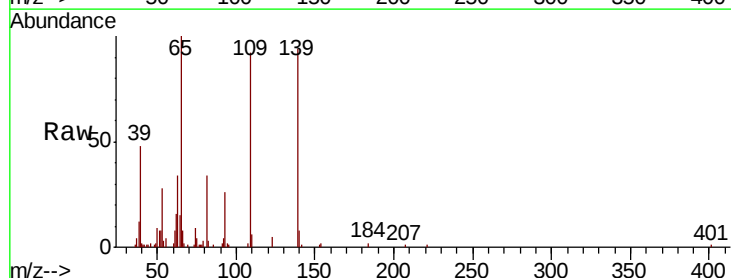


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

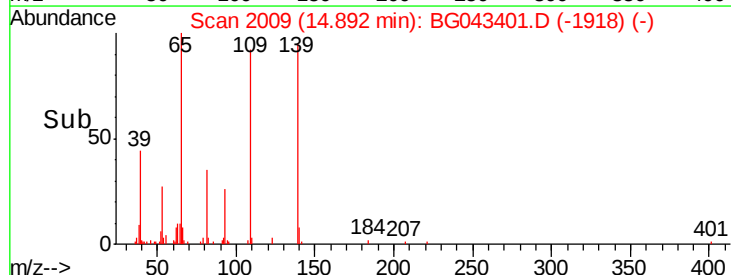
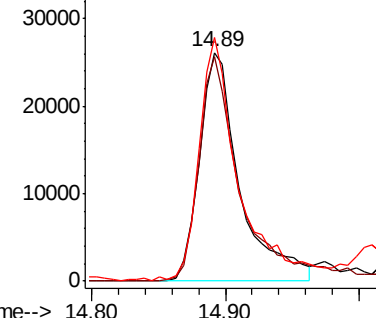


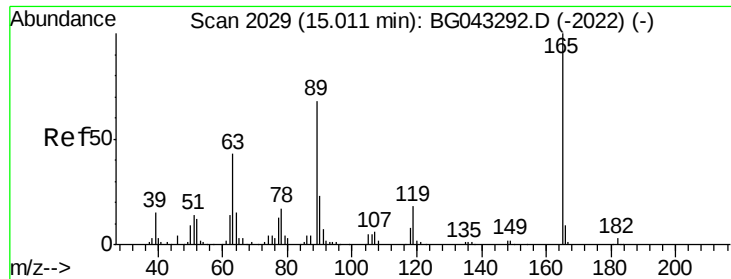
#56
4-Nitrophenol
Concen: 40.875 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.3	75.4	115.4
65	106.6	76.6	116.6



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

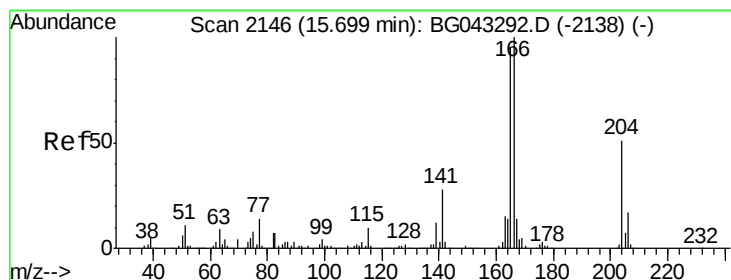
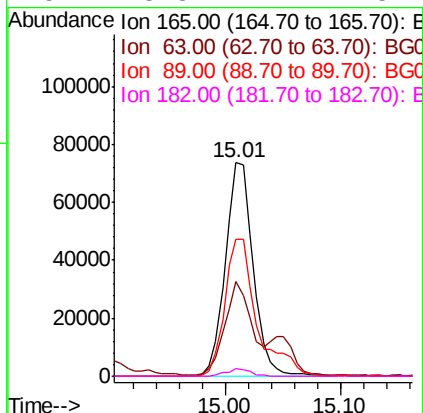
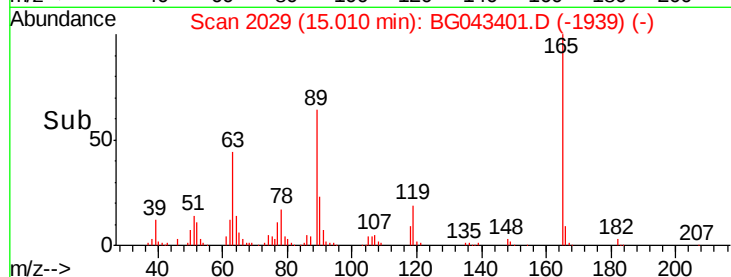
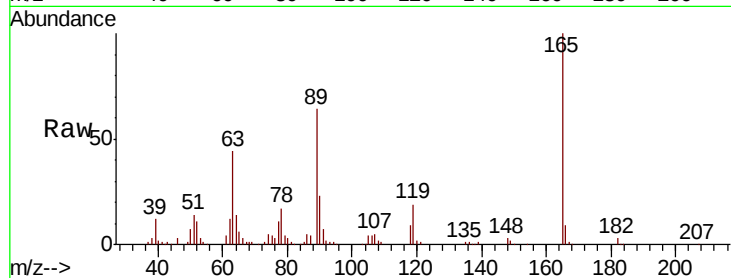




#57
 2,4-Dinitrotoluene
 Concen: 41.193 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

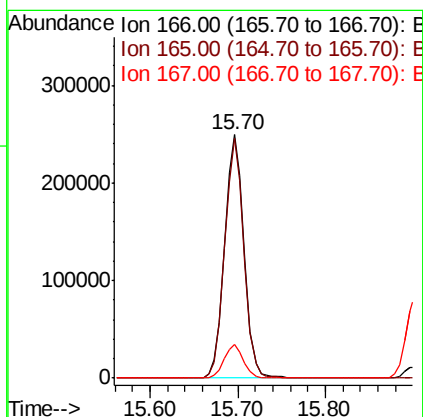
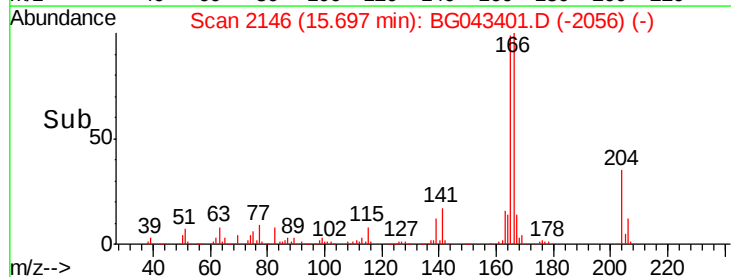
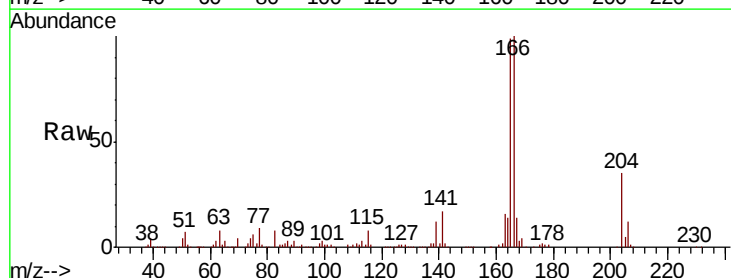
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

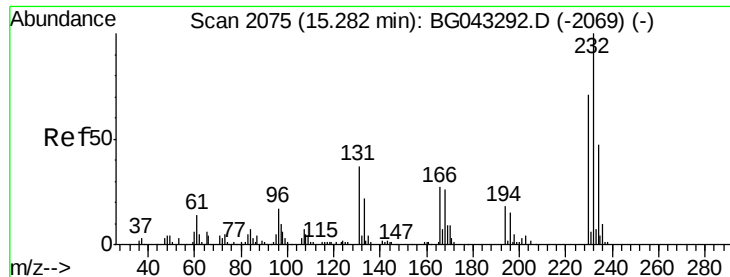
Tot Ion:165 Resp: 122713
 Ion Ratio Lower Upper
 165 100
 63 44.4 35.0 52.6
 89 64.4 54.1 81.1
 182 3.3 2.2 3.2#



#58
 Fluorene
 Concen: 41.290 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Tgt Ion:166 Resp: 382189
 Ion Ratio Lower Upper
 166 100
 165 98.7 76.4 114.6
 167 13.7 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.657 ng

RT: 15.28 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 120801

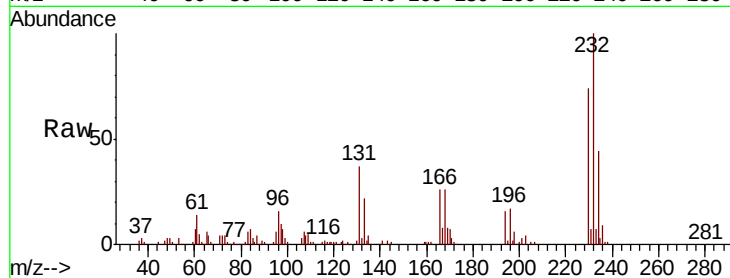
Ion Ratio Lower Upper

232 100

131 37.2 28.7 43.1

130 2.1 0.6 0.8#

166 27.4 21.1 31.7

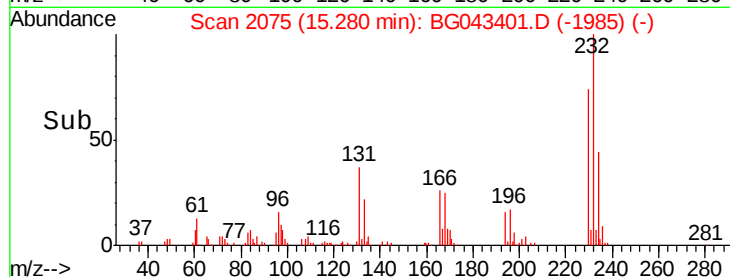


Abundance Ion 232.00 (231.70 to 232.70): E

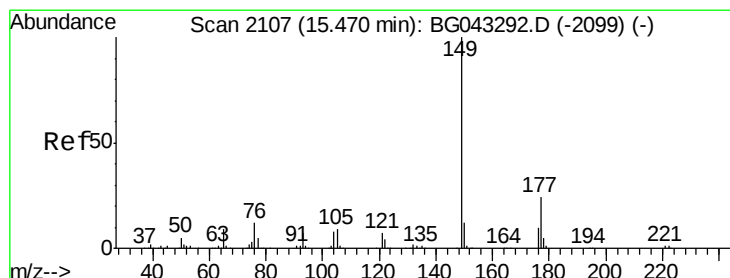
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 40.486 ng

RT: 15.46 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

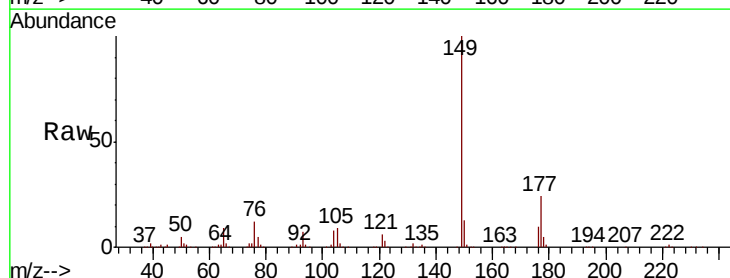
Tgt Ion:149 Resp: 390323

Ion Ratio Lower Upper

149 100

177 24.4 19.0 28.4

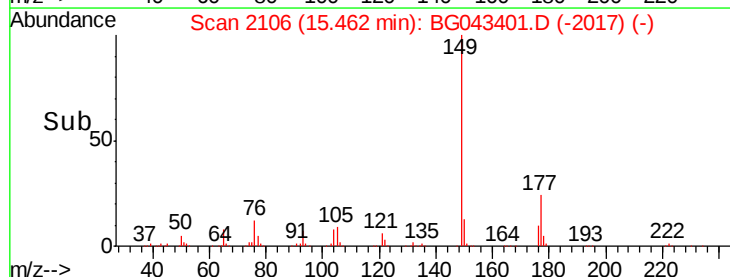
150 13.1 9.4 14.0



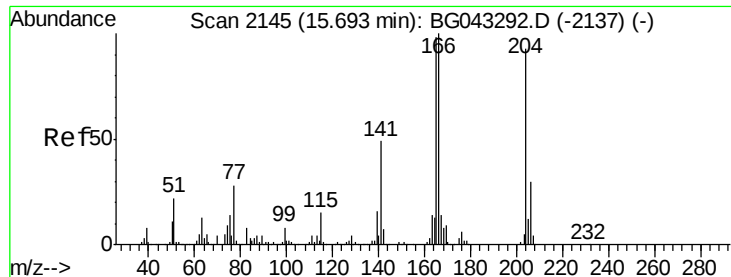
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



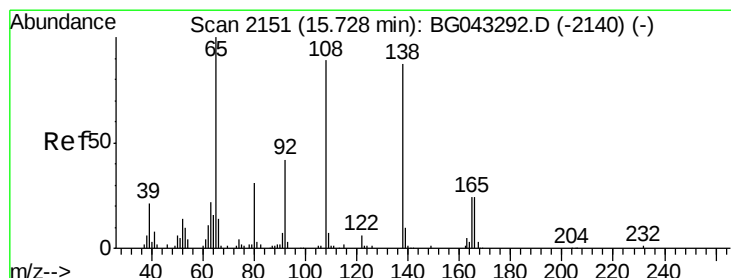
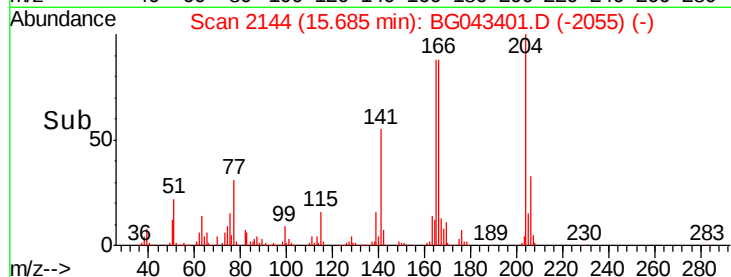
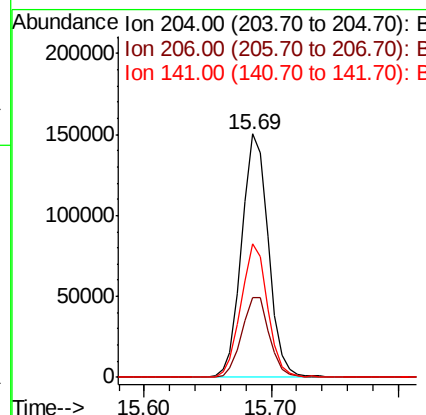
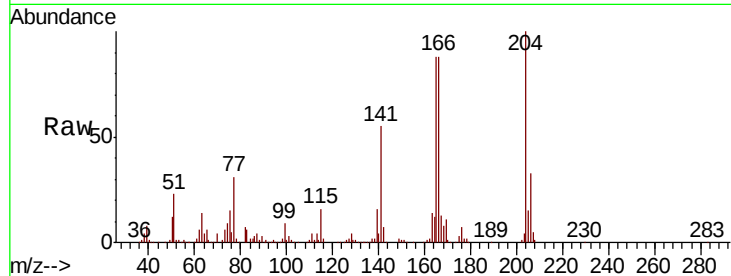
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 40.570 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

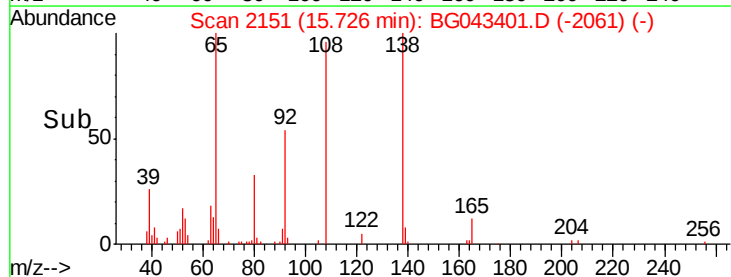
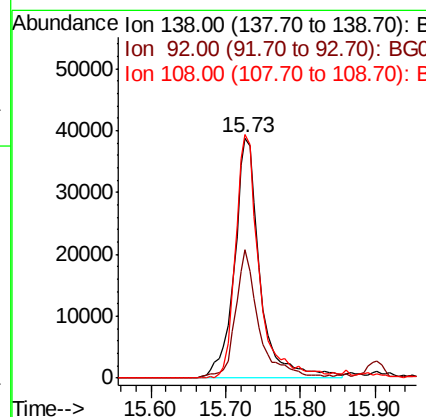
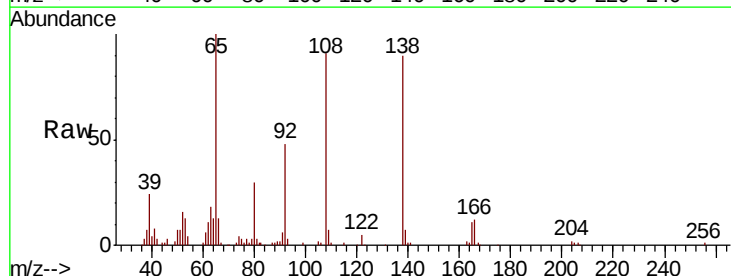
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

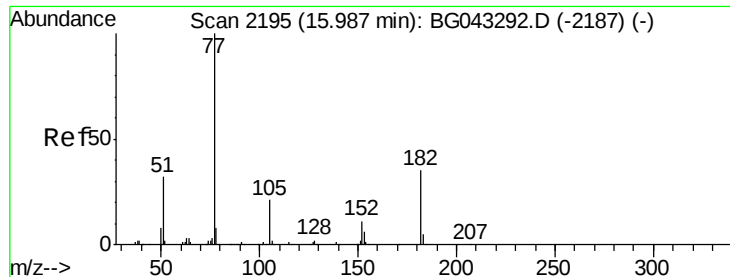
Tot Ion:204 Resp: 219068
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 54.7 42.3 63.5



#62
4-Nitroaniline
Concen: 44.408 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion:138 Resp: 92299
Ion Ratio Lower Upper
138 100
92 53.6 28.8 68.8
108 101.4 82.7 122.7





#63

Azobenzene

Concen: 40.305 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 314478

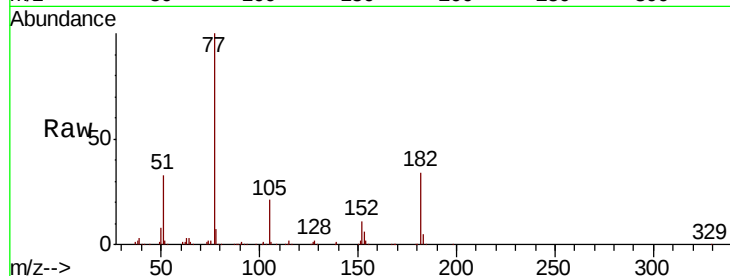
Ion Ratio Lower Upper

77 100

182 34.1 14.9 54.9

105 21.5 0.6 40.6

51 33.2 12.5 52.5

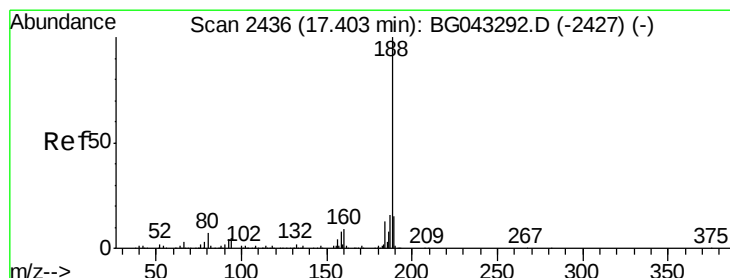
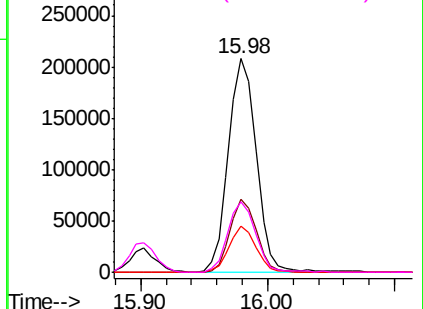
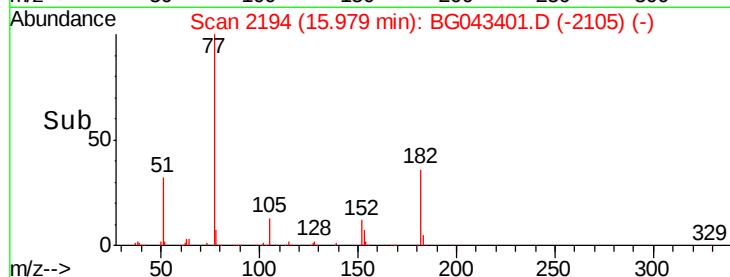


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

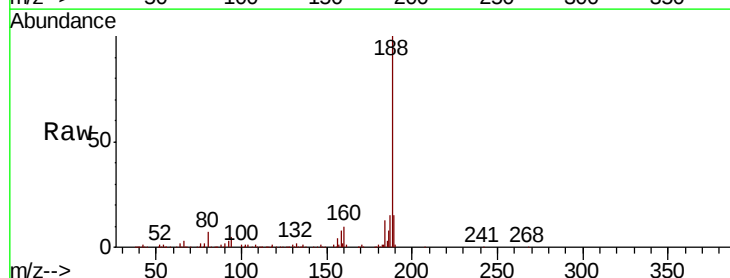
Tgt Ion: 188 Resp: 282528

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

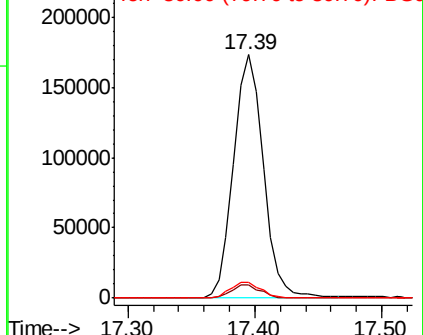
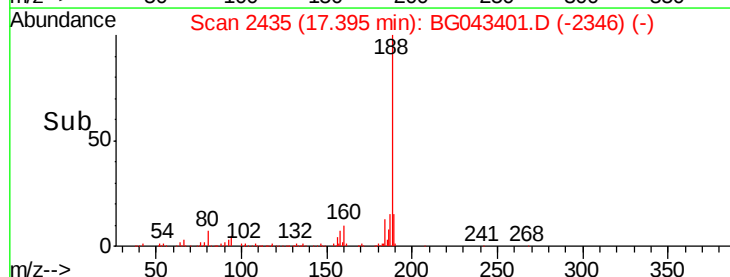
80 6.6 5.2 7.8

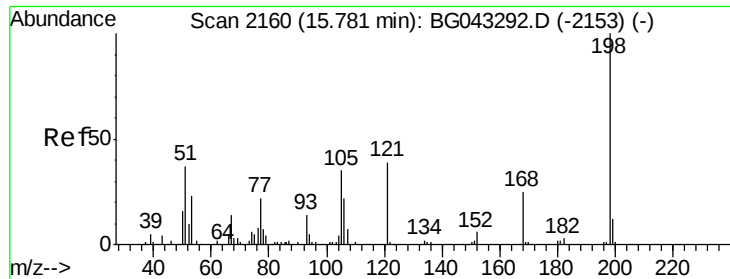


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

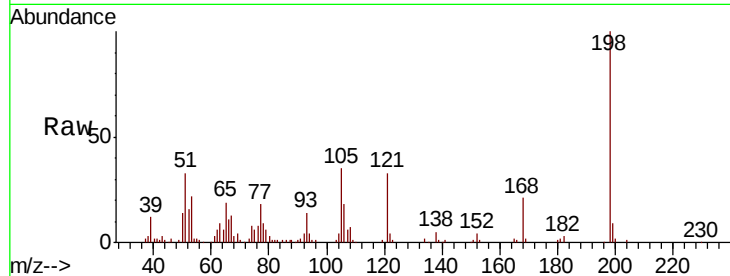




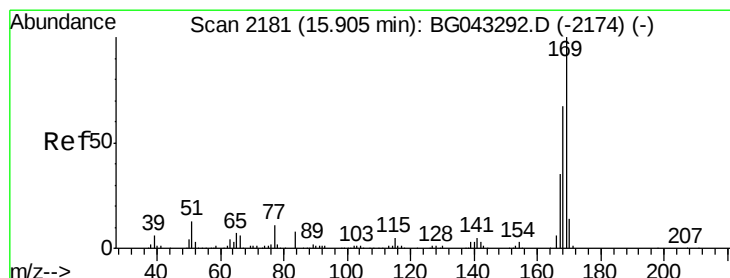
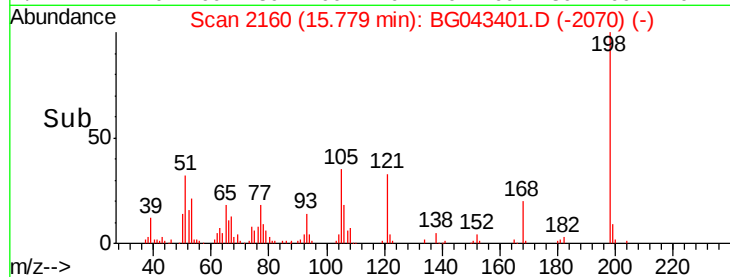
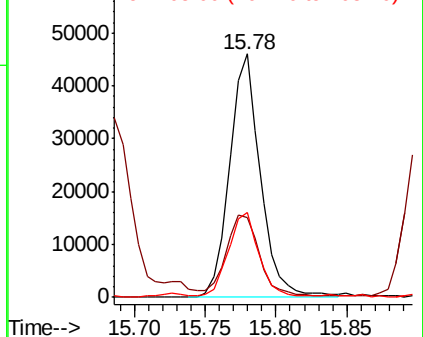
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.985 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 69807
 Ion Ratio Lower Upper
 198 100
 51 32.7 21.4 61.4
 105 35.1 16.5 56.5

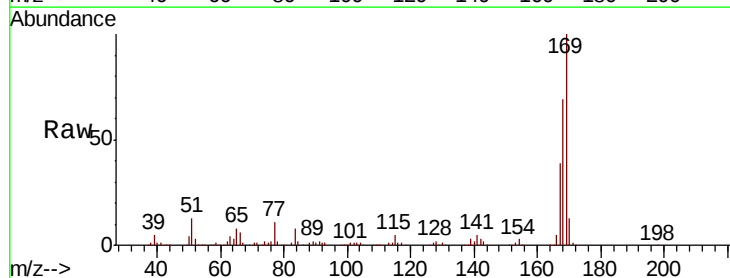


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

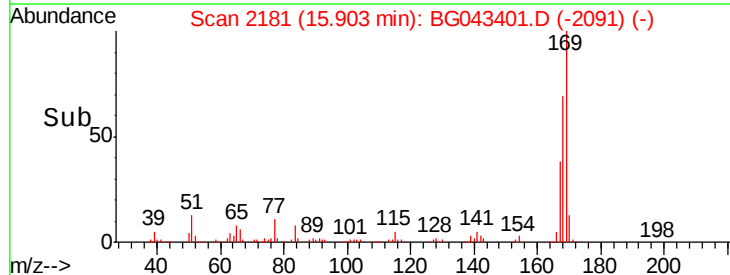
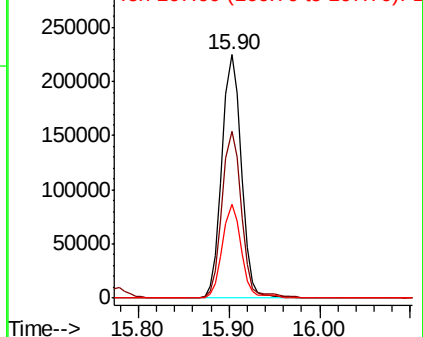


#66
 n-Nitrosodiphenylamine
 Concen: 41.943 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043401.D
 Acq: 30 Oct 2019 15:24

Tgt Ion:169 Resp: 334557
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.9 80.9
 167 38.5 28.3 42.5



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

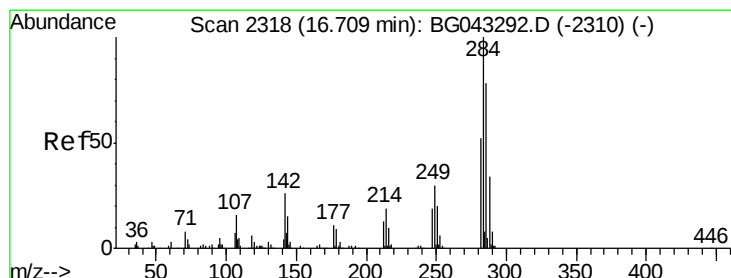
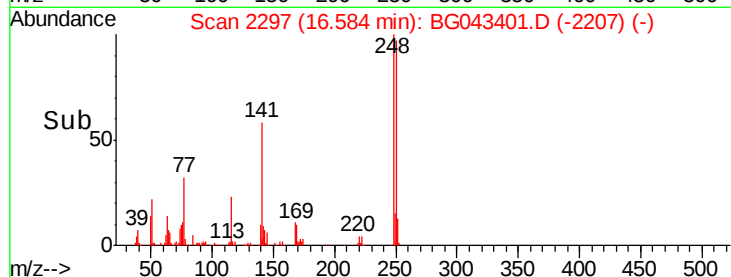
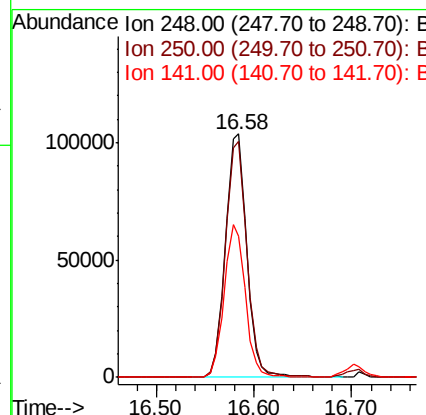
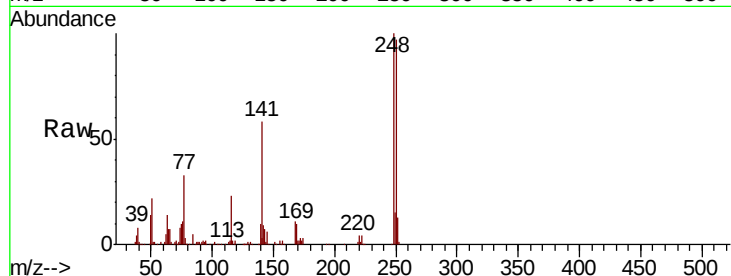




#67
4-Bromophenyl-phenylether
Concen: 41.464 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

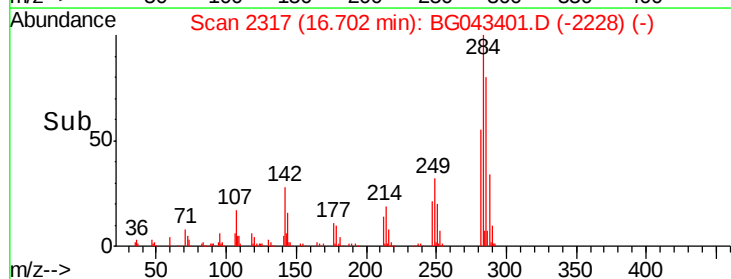
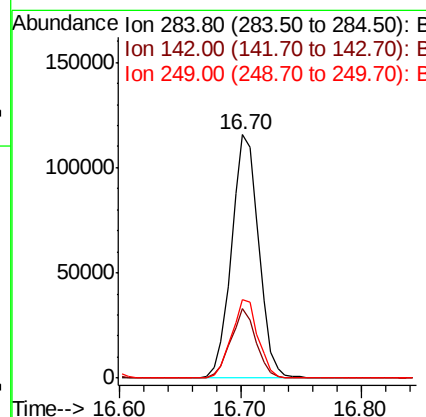
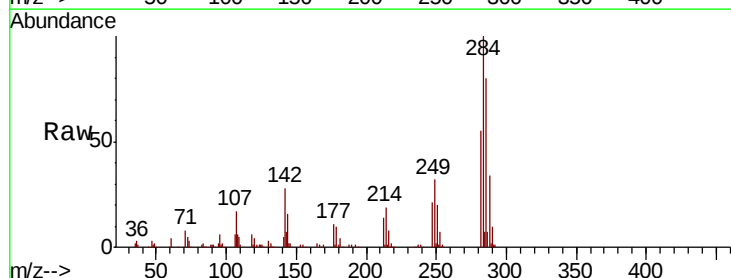
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

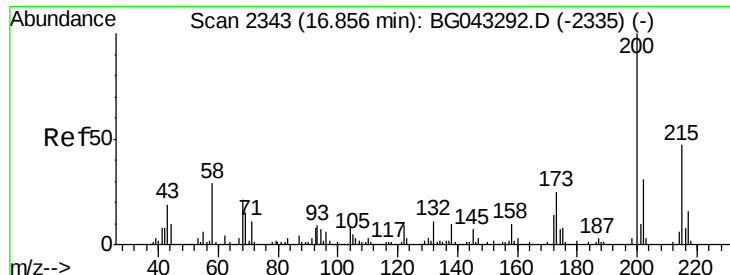
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.3	118.9
141	58.0	47.9	71.9



#68
Hexachlorobenzene
Concen: 41.460 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	21.1	31.7
249	32.4	24.4	36.6





#69

Atrazine

Concen: 38.184 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

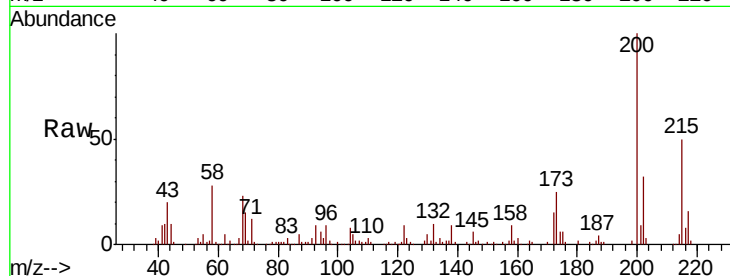
Tot Ion:200 Resp: 105832

Ion Ratio Lower Upper

200 100

173 24.6 5.1 45.1

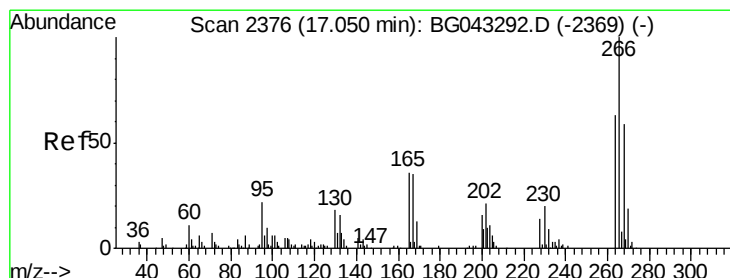
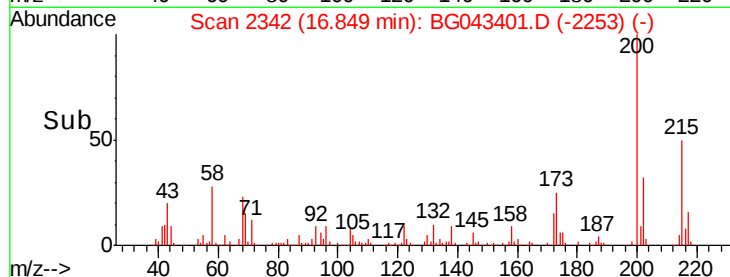
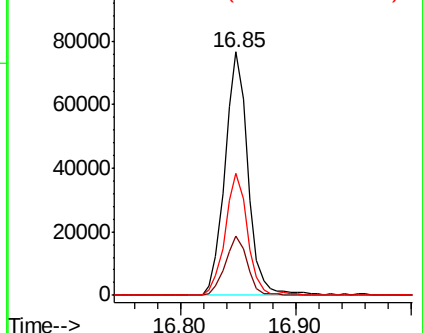
215 50.3 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.408 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

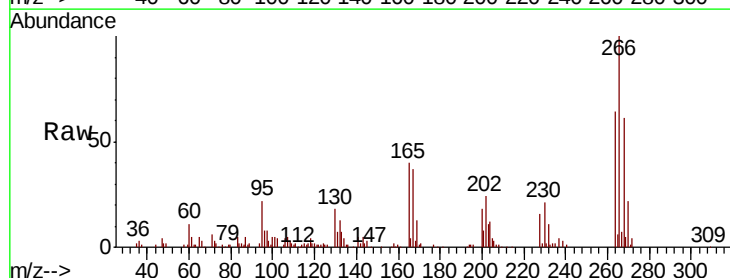
Tgt Ion:266 Resp: 84338

Ion Ratio Lower Upper

266 100

268 61.1 47.1 70.7

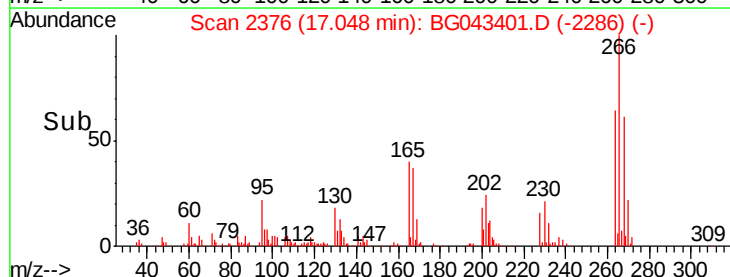
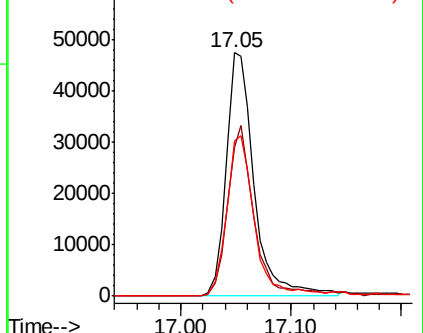
264 63.9 50.4 75.6

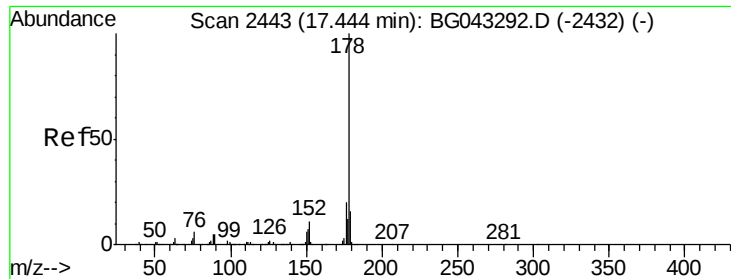


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

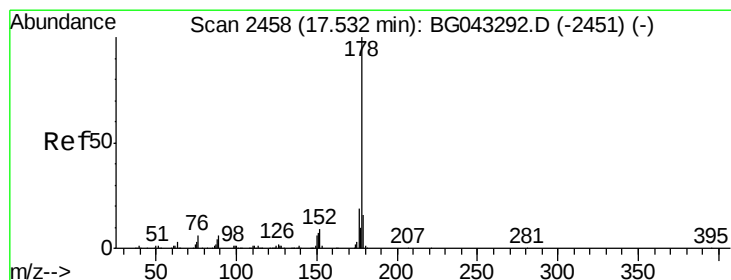
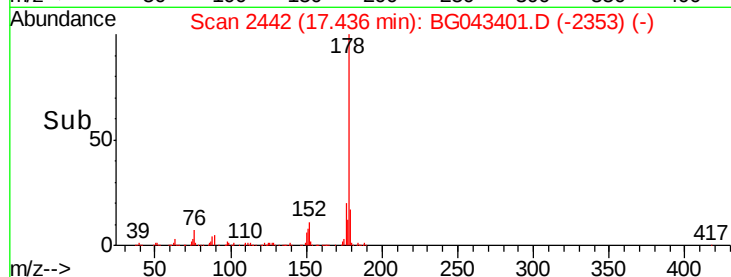
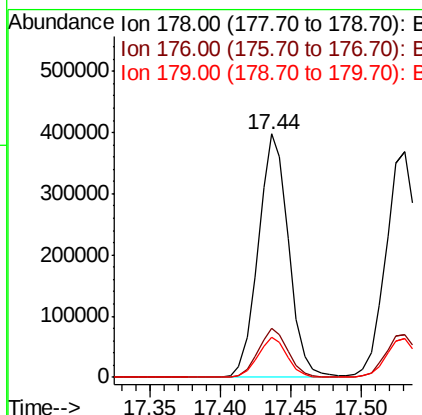
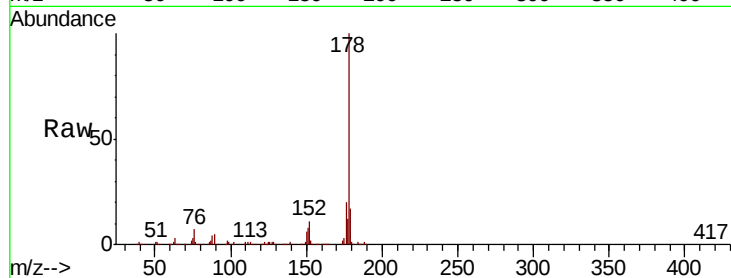




#71
Phenanthrene
Concen: 41.543 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

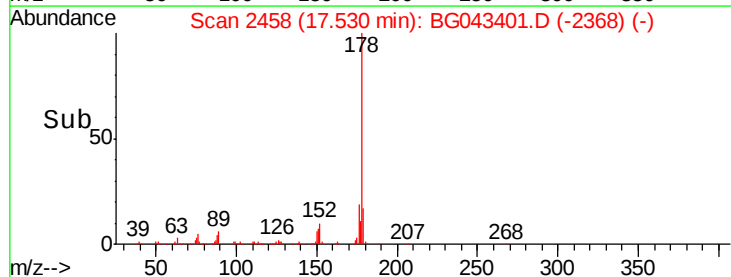
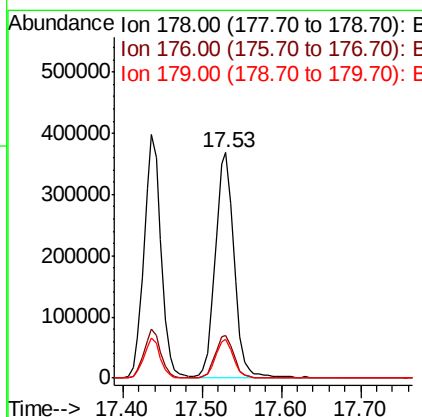
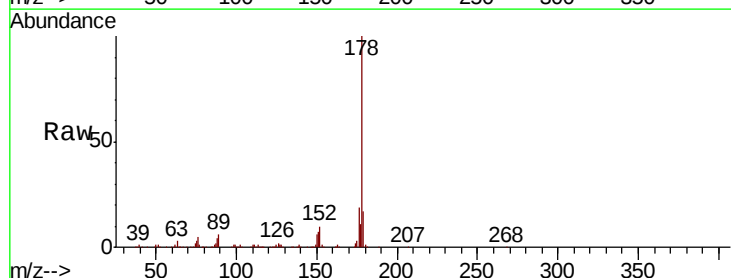
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 601023
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.5 13.1 19.7



#72
Anthracene
Concen: 41.663 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion:178 Resp: 603068
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 17.1 13.0 19.6





#73

Carbazole

Concen: 41.951 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

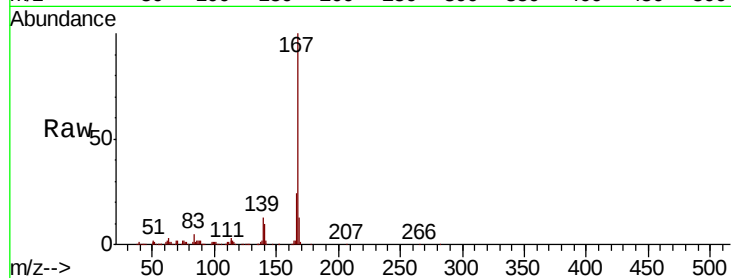
Tot Ion:167 Resp: 549900

Ion Ratio Lower Upper

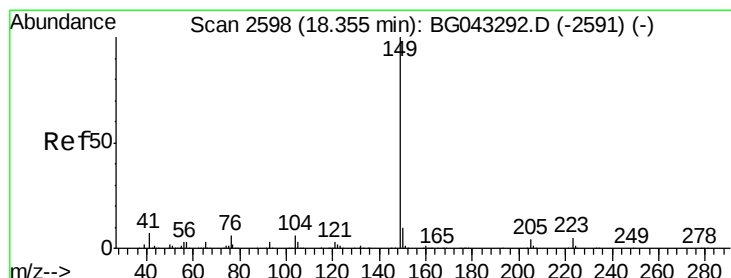
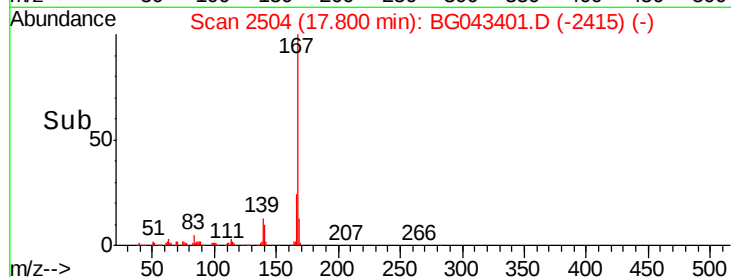
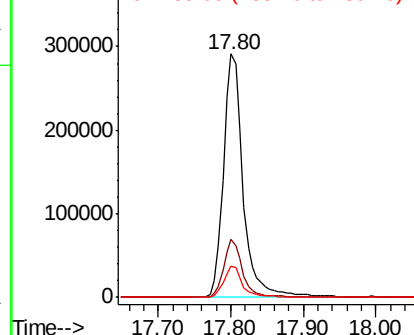
167 100

166 23.9 18.4 27.6

139 12.8 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.693 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

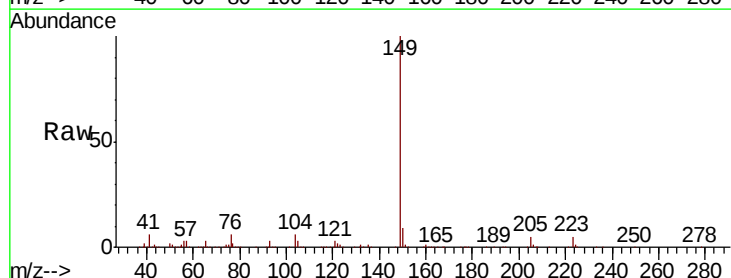
Tgt Ion:149 Resp: 663134

Ion Ratio Lower Upper

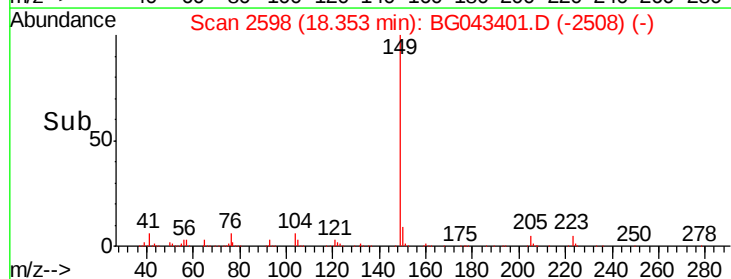
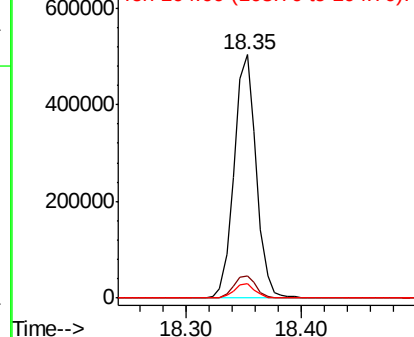
149 100

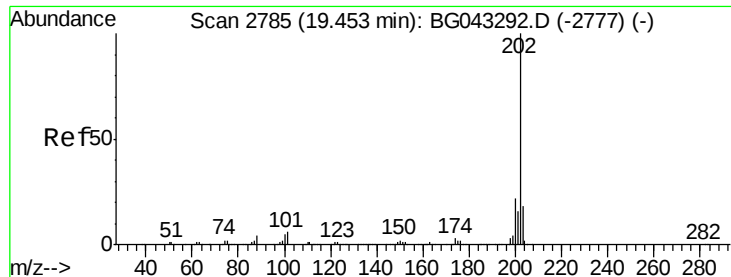
150 9.2 8.0 12.0

104 5.8 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: 40.894 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

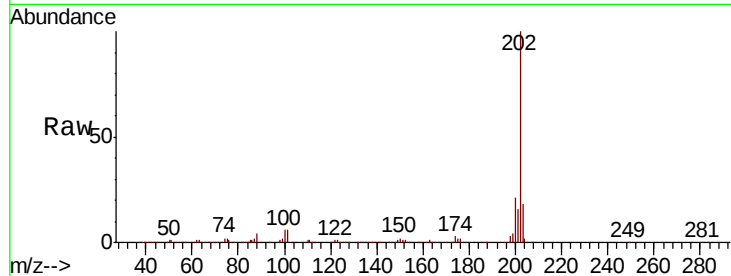
Tot Ion:202 Resp: 771312

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.0

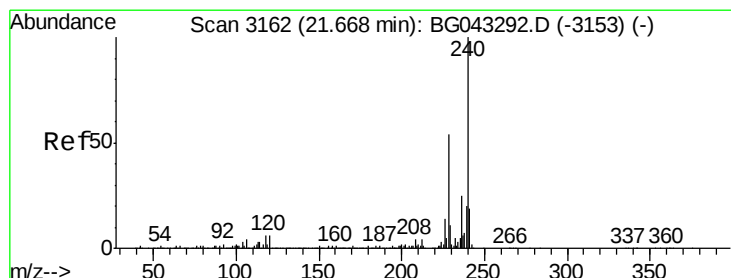
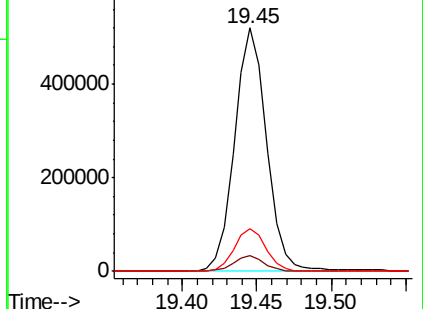
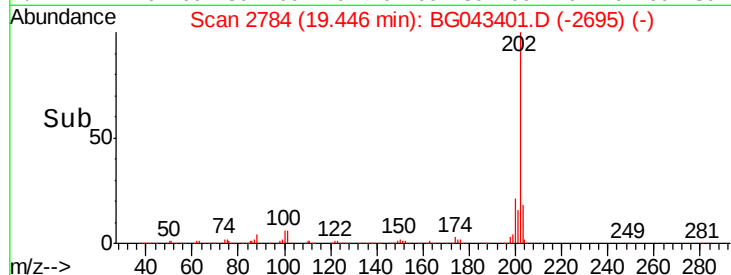
203 17.6 0.0 38.2



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: BG043401.D

Acq: 30 Oct 2019 15:24

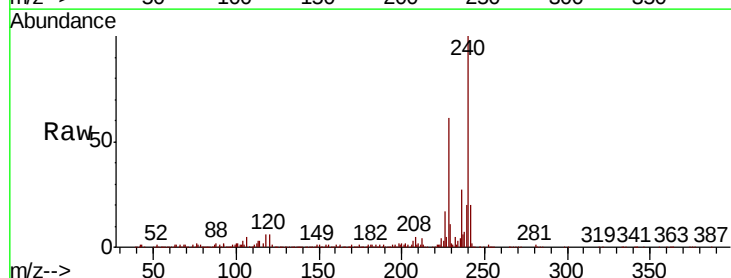
Tgt Ion:240 Resp: 312240

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

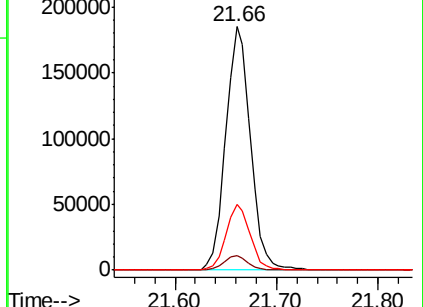
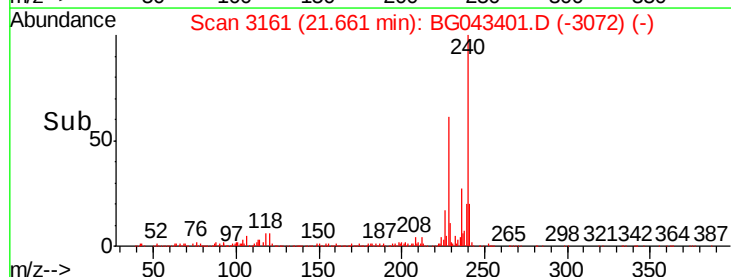
236 27.0 20.2 30.4

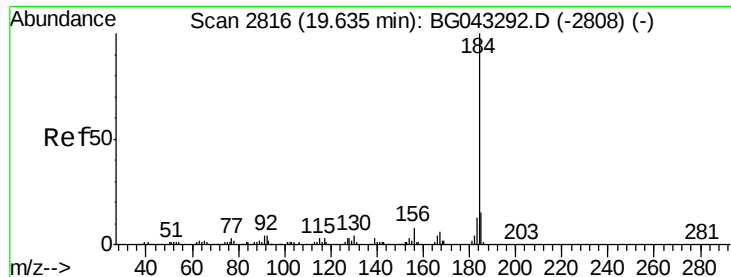


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.258 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

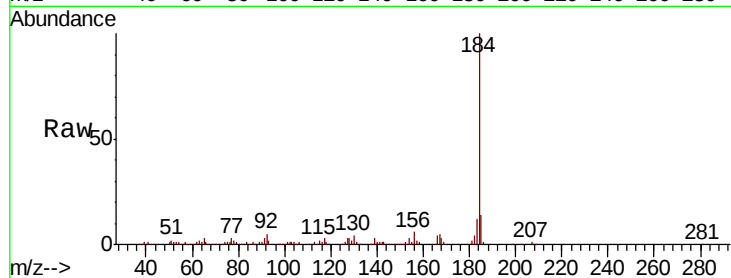
Tot Ion:184 Resp: 265545

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

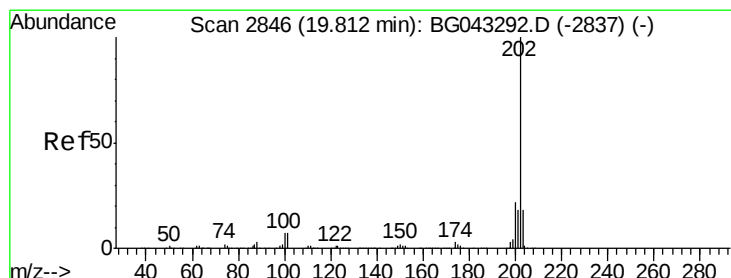
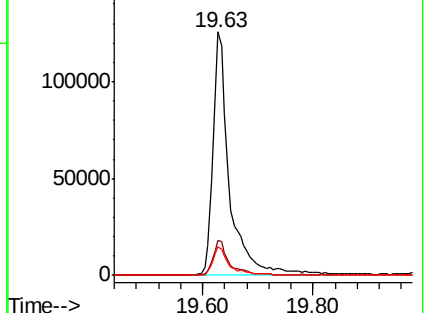
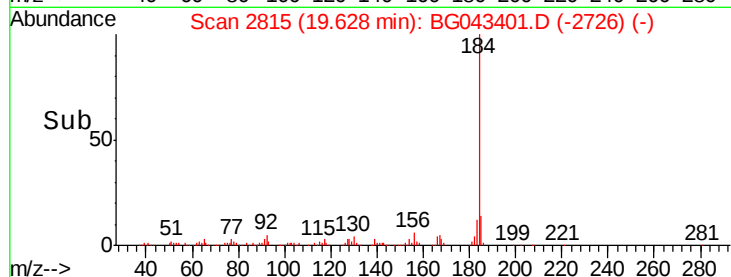
183 11.8 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.404 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

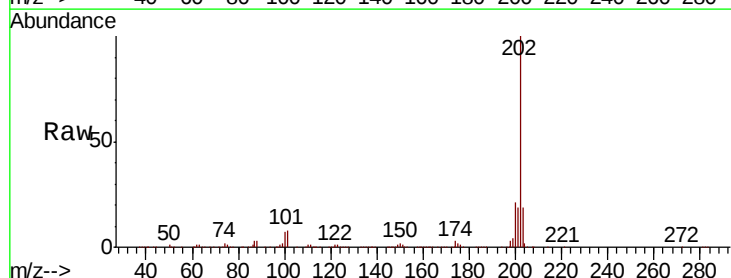
Tgt Ion:202 Resp: 780899

Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

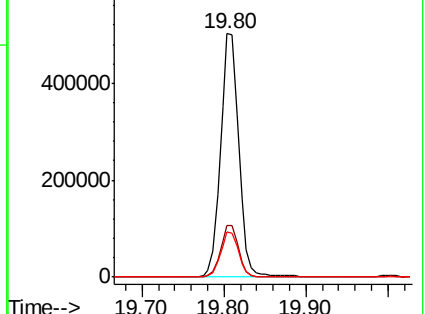
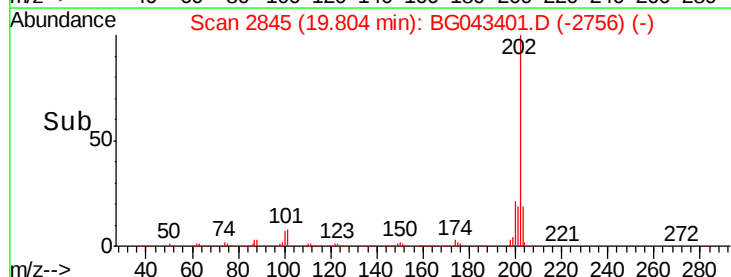
203 18.7 14.5 21.7

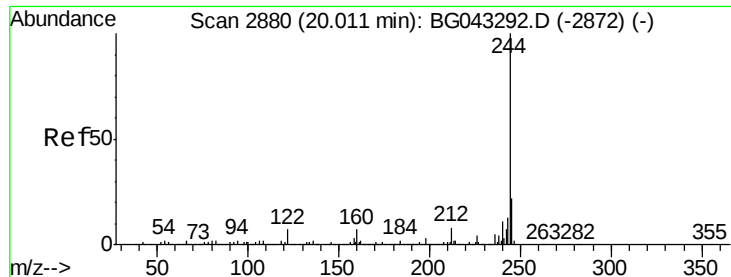


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.801 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

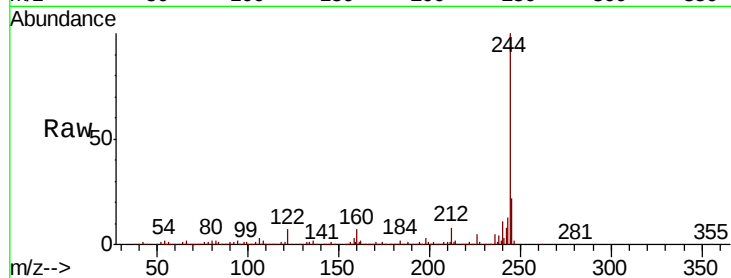
Tot Ion:244 Resp: 1394741

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

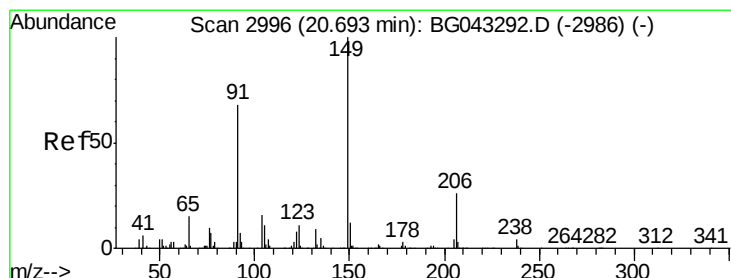
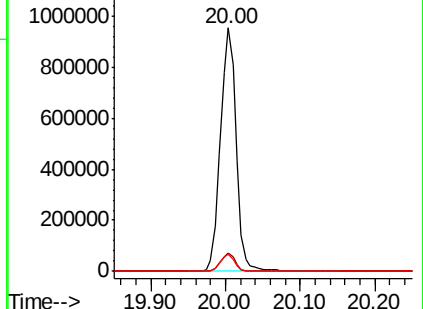
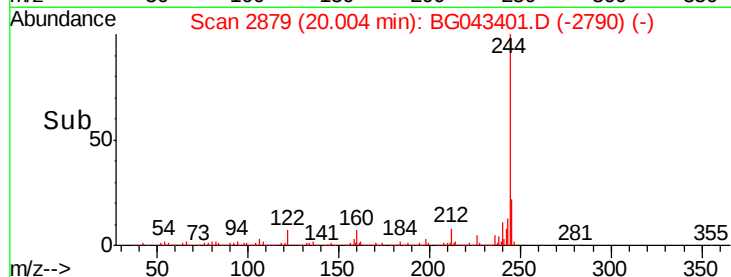
122 6.8 5.3 7.9



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: 42.832 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

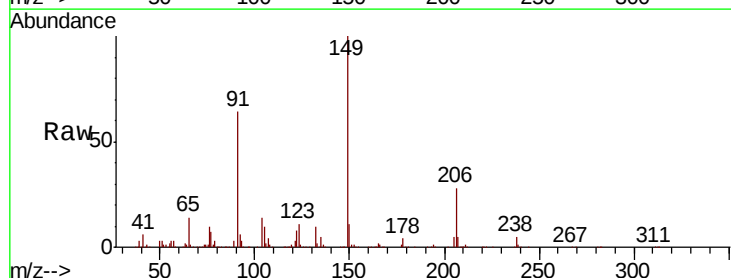
Tgt Ion:149 Resp: 313629

Ion Ratio Lower Upper

149 100

91 64.4 54.6 82.0

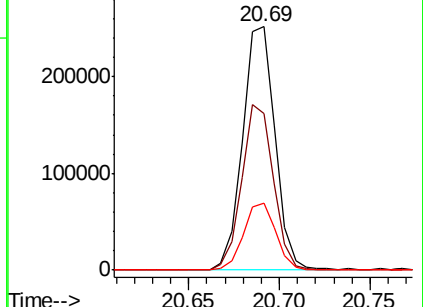
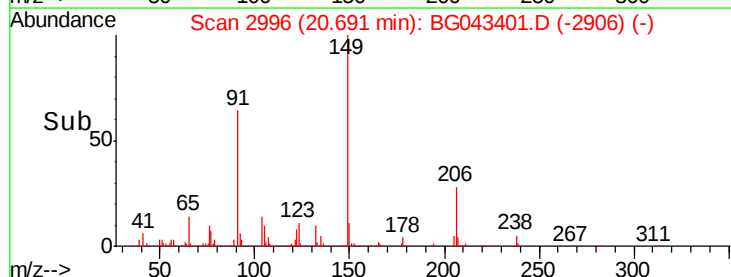
206 27.7 20.5 30.7

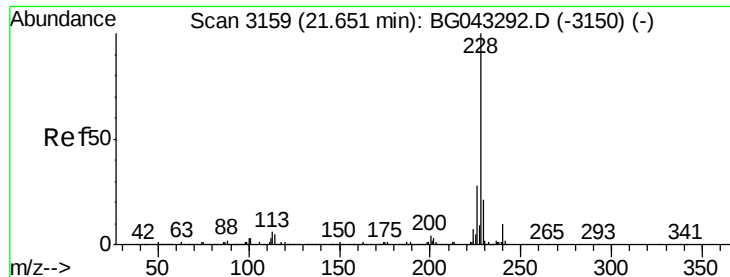


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.189 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

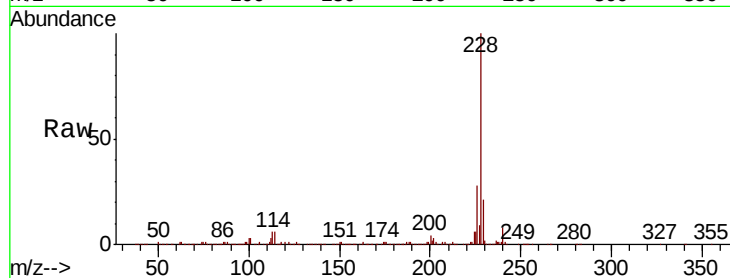
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 825147

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.4
229	21.4	16.9	25.3

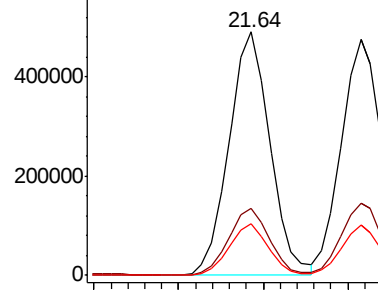


Abundance

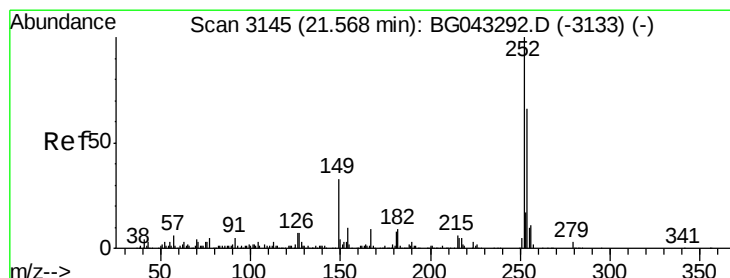
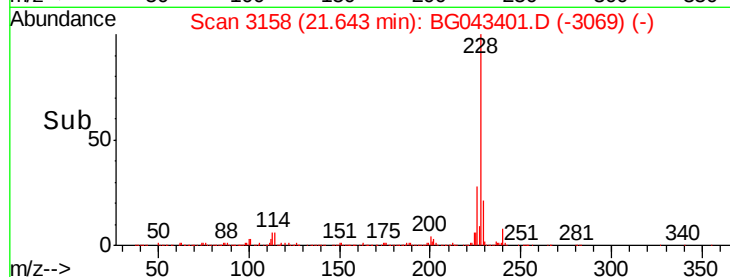
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 43.676 ng

RT: 21.56 min Scan# 3144

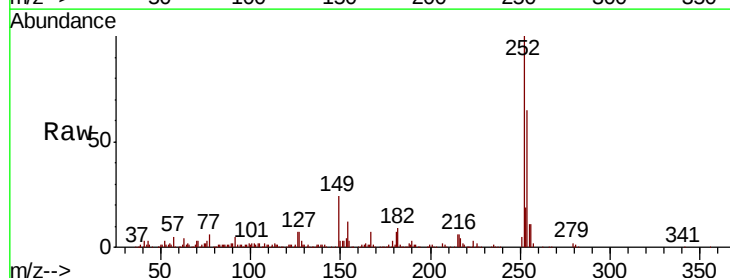
Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Tgt Ion:252 Resp: 330401

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.7	79.1
126	7.3	5.6	8.4

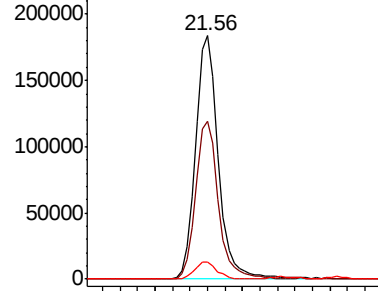


Abundance

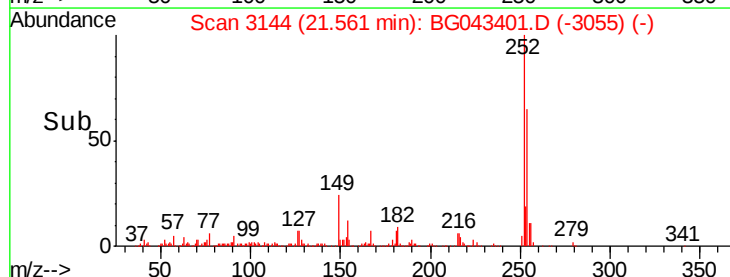
Ion 252.00 (251.70 to 252.70): E

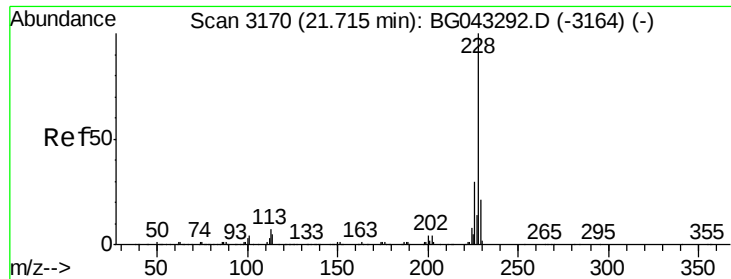
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 41.216 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

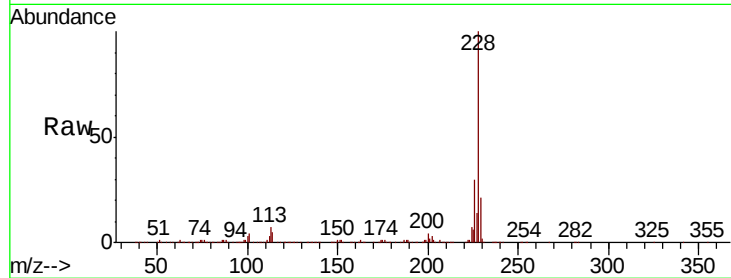
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 800948

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	21.4	16.3	24.5

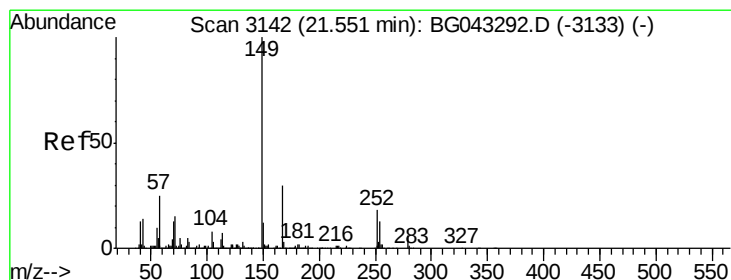
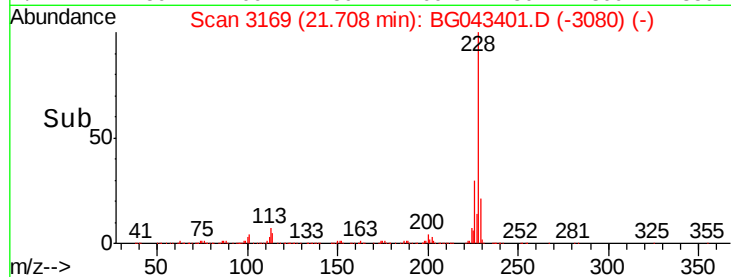
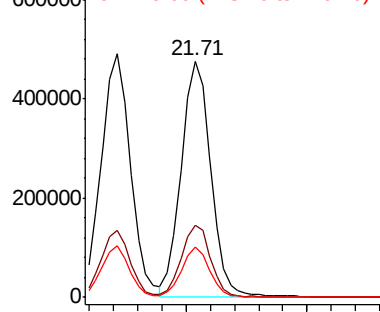


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.863 ng

RT: 21.54 min Scan# 3141

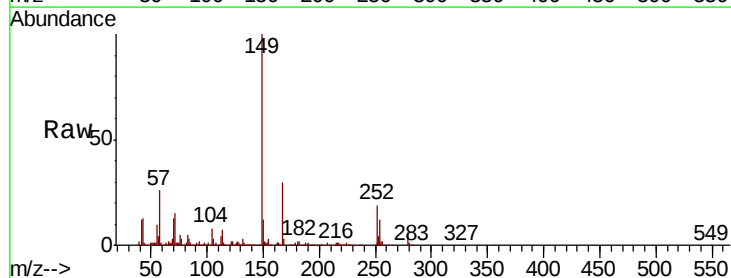
Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Tgt Ion:149 Resp: 445838

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.9	35.9
279	6.3	4.8	7.2

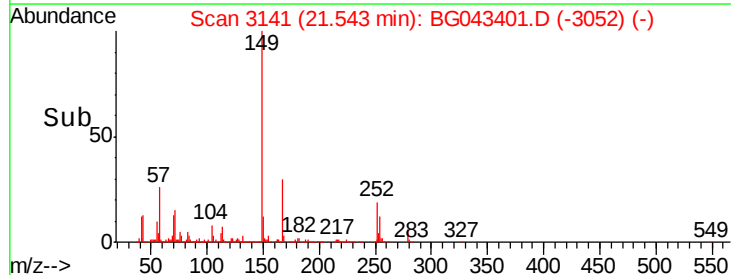
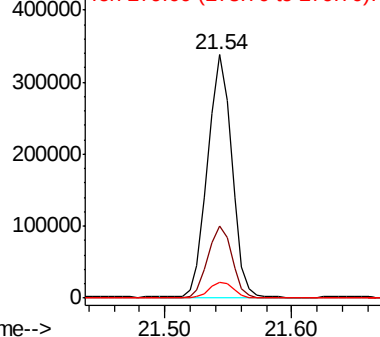


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.791 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

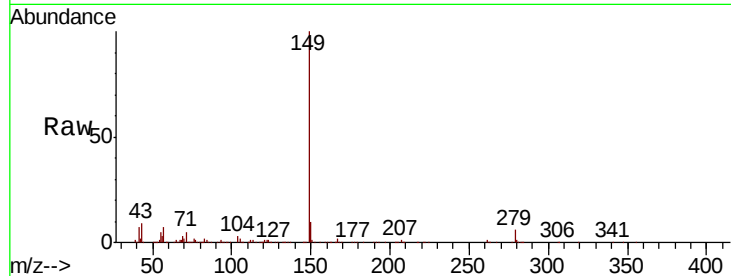
Tot Ion:149 Resp: 755129

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

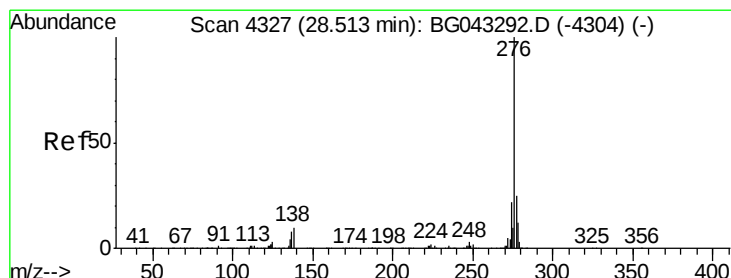
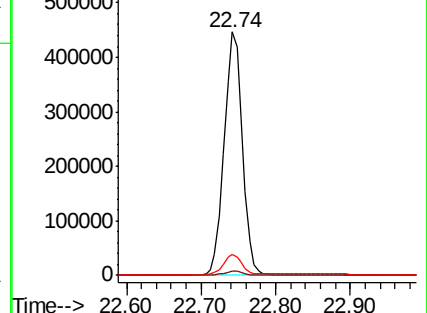
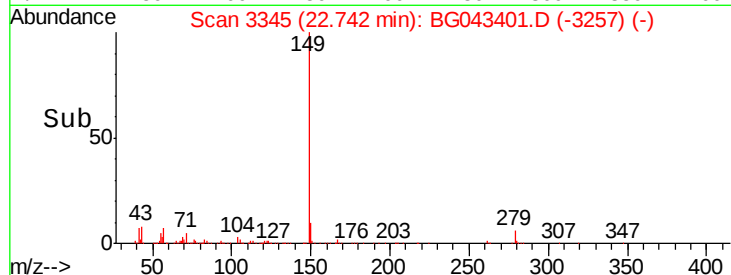
43 9.0 6.9 10.3



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: 43.151 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

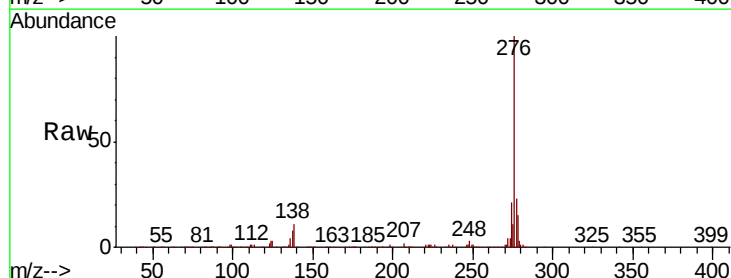
Tgt Ion:276 Resp: 1052580

Ion Ratio Lower Upper

276 100

138 14.0 7.2 10.8#

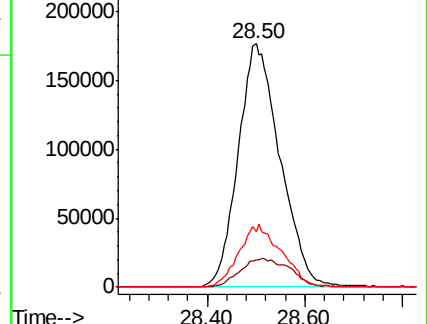
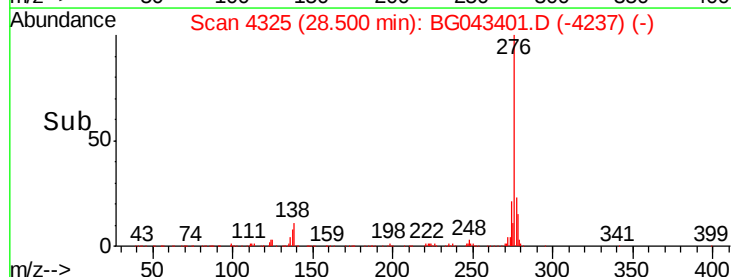
277 25.8 20.9 31.3

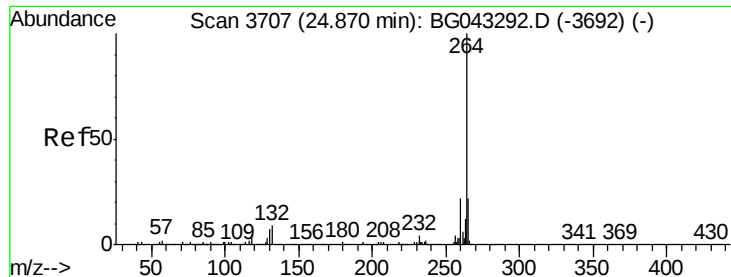


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

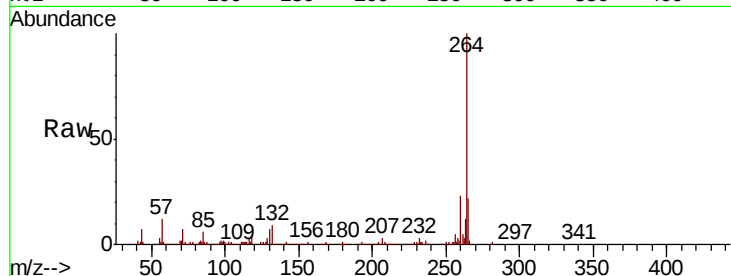
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 362197

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	22.3	17.4	26.2

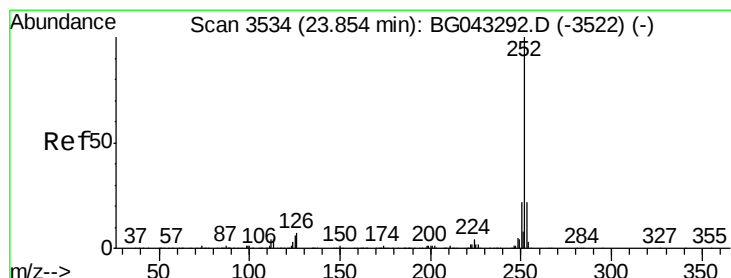
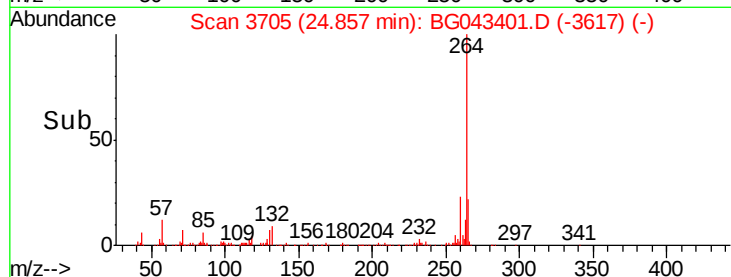
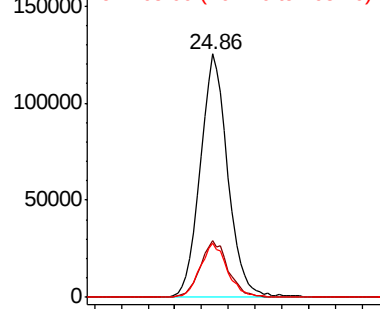


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.350 ng

RT: 23.84 min Scan# 3532

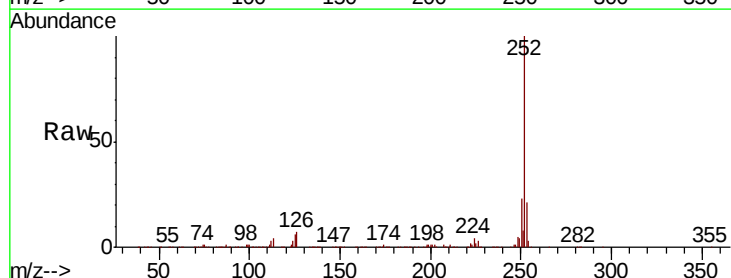
Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Tgt Ion:252 Resp: 868748

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	5.7	5.0	7.6

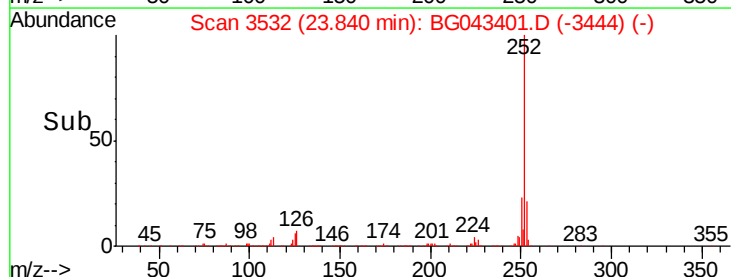
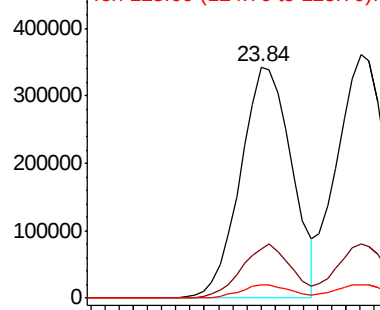


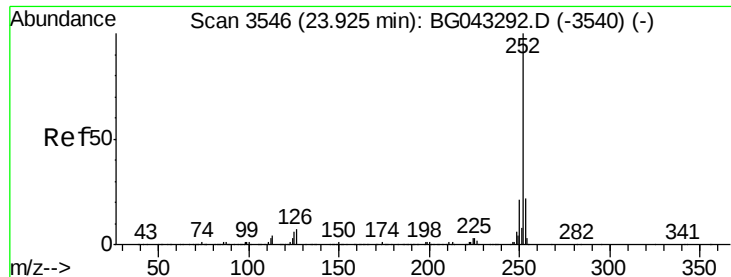
Abundance

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

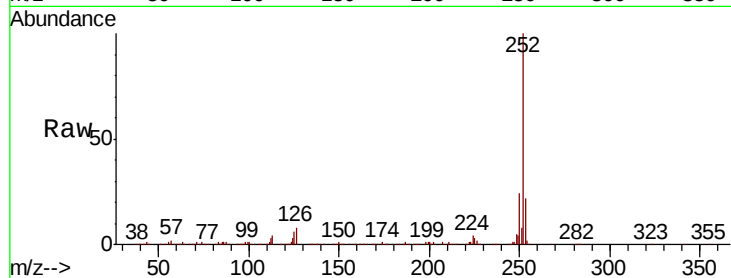




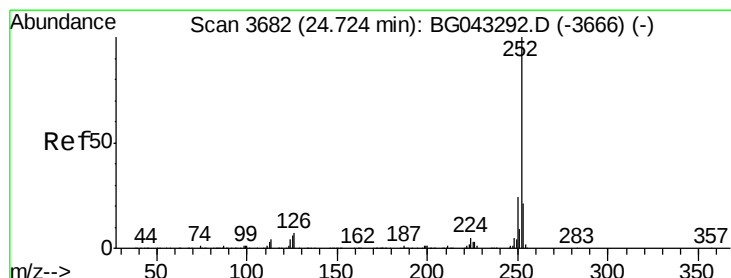
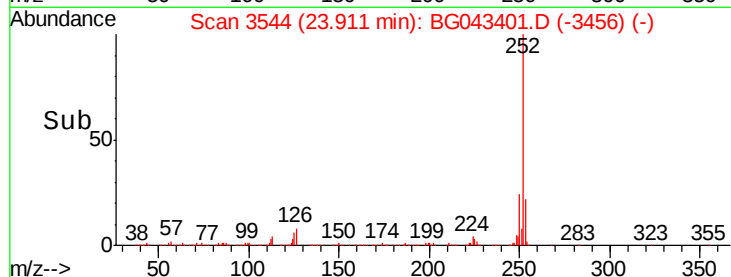
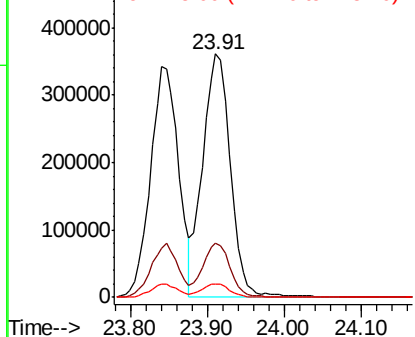
#89
Benzo(k)fluoranthene
Concen: 43.298 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 894152
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 5.7 4.5 6.7

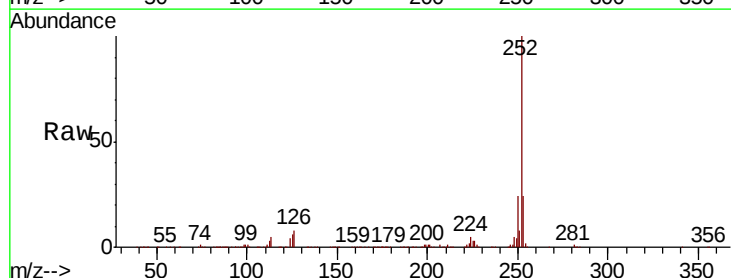


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

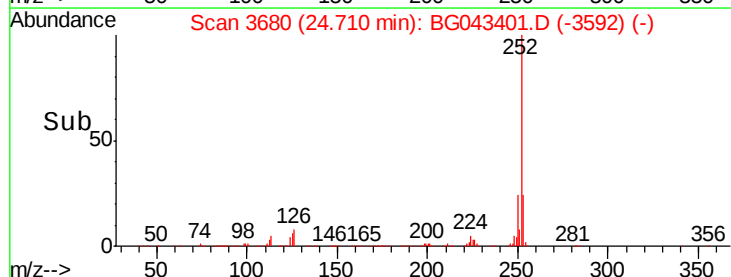
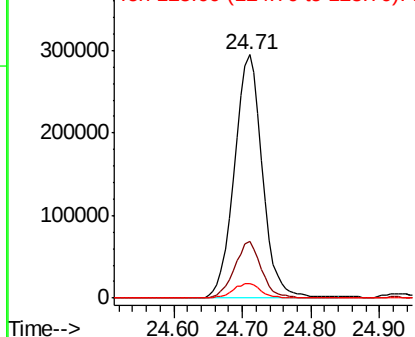


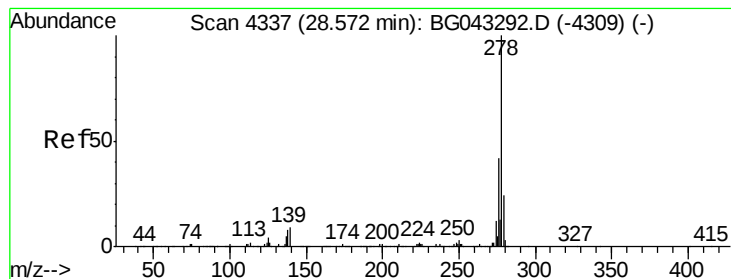
#90
Benzo(a)pyrene
Concen: 42.646 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043401.D
Acq: 30 Oct 2019 15:24

Tgt Ion:252 Resp: 835392
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 6.1 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: 43.551 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

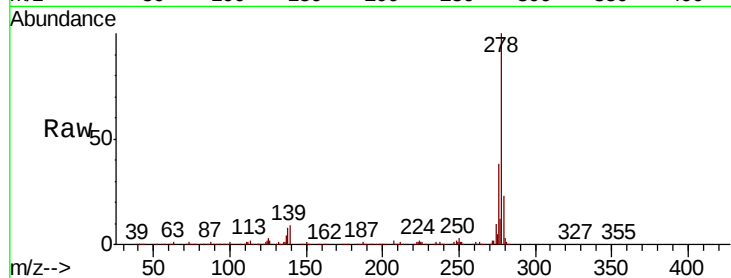
Tot Ion:278 Resp: 872622

Ion Ratio Lower Upper

278 100

139 9.2 6.8 10.2

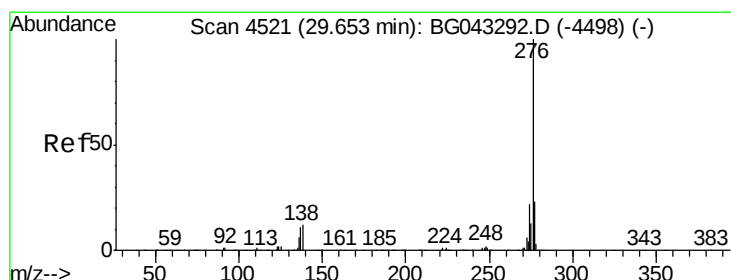
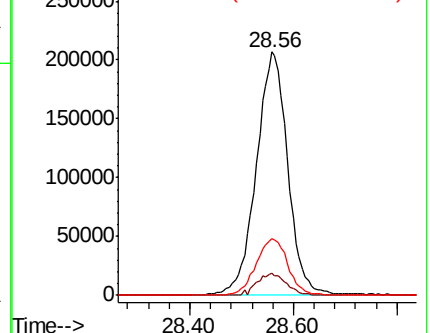
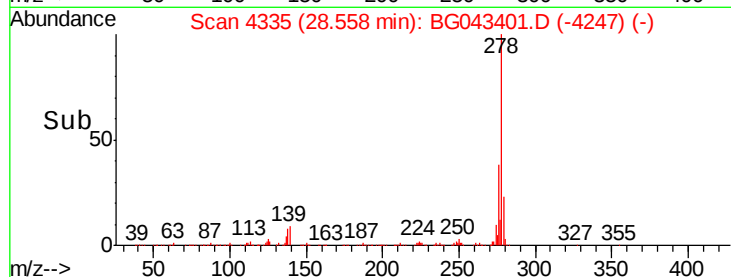
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.914 ng

RT: 29.63 min Scan# 4518

Delta R.T. -0.02 min

Lab File: BG043401.D

Acq: 30 Oct 2019 15:24

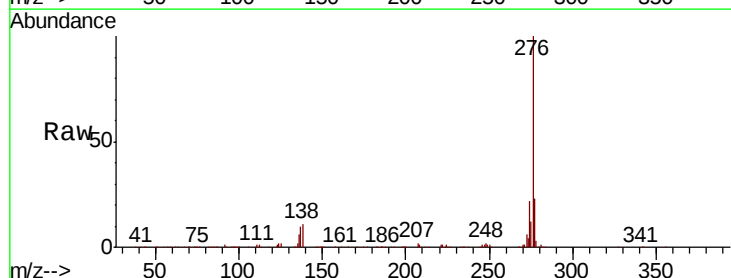
Tgt Ion:276 Resp: 848156

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 11.3 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

