

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
 Data File : BG039420.D
 Acq On : 8 Feb 2019 17:57
 Operator : JU/SJ
 Sample : K1404-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

Quant Time: Feb 08 23:35:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	59737	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	252226	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	166100	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	401603	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	405412	20.00	ng	-0.01
87) Perylene-d12	25.22	264	426535	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	540273	154.79	ng	0.00
7) Phenol-d6	7.32	99	770658	150.00	ng	0.00
23) Nitrobenzene-d5	9.35	82	452566	112.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	301156	168.37	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1006239	86.91	ng	-0.01
79) Terphenyl-d14	20.14	244	1547798	80.81	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	59273	38.823	ng	# 93
3) Pyridine	4.01	79	169935	42.040	ng	94
4) n-Nitrosodimethylamine	3.92	42	94512	46.752	ng	85
6) Aniline	7.50	93	174738	27.153	ng	98
8) 2-Chlorophenol	7.74	128	203648	53.378	ng	95
9) Benzaldehyde	7.31	77	101581	39.428	ng	96
10) Phenol	7.34	94	300509	56.111	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	193762	45.786	ng	99
12) 1,3-Dichlorobenzene	8.06	146	211651	45.793	ng	100
13) 1,4-Dichlorobenzene	8.21	146	217952	47.312	ng	98
14) 1,2-Dichlorobenzene	8.53	146	207146	46.449	ng	99
15) Benzyl Alcohol	8.41	79	197810	49.042	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	378365	39.592	ng	99
17) 2-Methylphenol	8.60	107	180340	52.035	ng	97
18) Hexachloroethane	9.26	117	74527	47.023	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	160940	44.136	ng	92
20) 3+4-Methylphenols	8.93	107	249473	52.272	ng	97
22) Acetophenone	9.00	105	306776	45.279	ng	# 95
24) Nitrobenzene	9.40	77	239487	54.906	ng	99
25) Isophorone	9.91	82	453838	50.725	ng	100
26) 2-Nitrophenol	10.10	139	116895	62.353	ng	96
27) 2,4-Dimethylphenol	10.14	122	206287	56.997	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	279281	50.679	ng	97
29) 2,4-Dichlorophenol	10.63	162	224308	56.706	ng	97
30) 1,2,4-Trichlorobenzene	10.86	180	220848	49.730	ng	96
31) Naphthalene	11.05	128	636214	50.845	ng	99
32) Benzoic acid	10.14	122	206287	79.704	ng	# 15
33) 4-Chloroaniline	11.15	127	115728	19.947	ng	98
34) Hexachlorobutadiene	11.31	225	141570	47.935	ng	94
35) Caprolactam	11.94	113	50930	31.114	ng	93
36) 4-Chloro-3-methylphenol	12.25	107	237387	51.892	ng	96
37) 2-Methylnaphthalene	12.64	142	474337	51.182	ng	98
38) 1-Methylnaphthalene	12.86	142	454265	50.849	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	265595	50.256	ng	99

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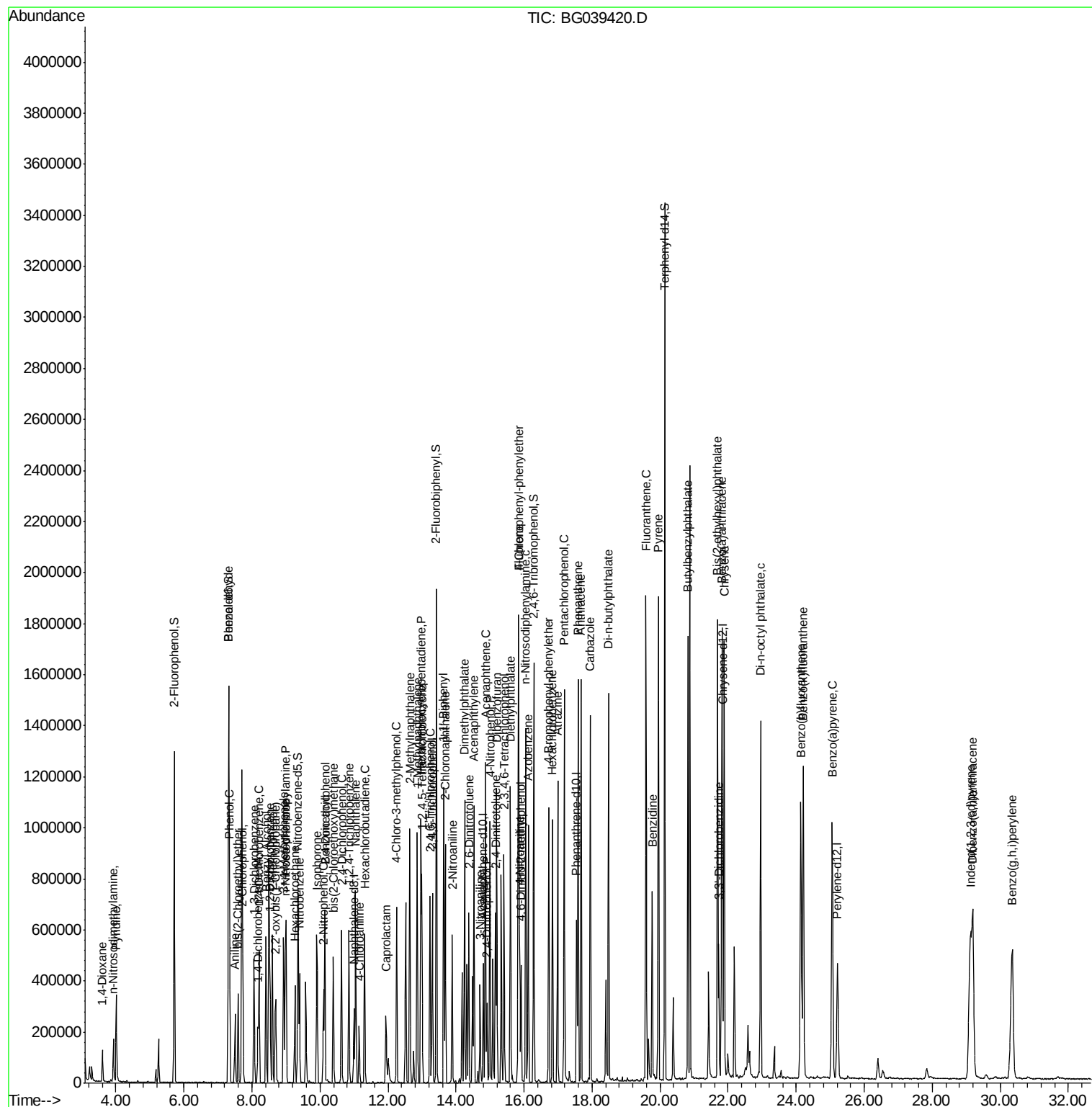
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	312845	108.635	ng	100
43) 2,4,6-Trichlorophenol	13.23	196	186064	57.261	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	196208	57.613	ng	95
46) 1,1'-Biphenyl	13.63	154	633753	45.858	ng	100
47) 2-Chloronaphthalene	13.69	162	494722	47.586	ng	99
48) 2-Nitroaniline	13.89	65	172513	56.076	ng	99
49) Acenaphthylene	14.53	152	782429	49.876	ng	98
50) Dimethylphthalate	14.25	163	758120	56.513	ng	100
51) 2,6-Dinitrotoluene	14.37	165	148369	57.650	ng	96
52) Acenaphthene	14.86	154	486635	47.789	ng	98
53) 3-Nitroaniline	14.71	138	95135	36.715	ng	# 90
54) 2,4-Dinitrophenol	14.91	184	73285	70.290	ng	97
55) Dibenzofuran	15.20	168	777014	47.592	ng	97
56) 4-Nitrophenol	15.00	139	261529	105.808	ng	90
57) 2,4-Dinitrotoluene	15.16	165	208248	62.097	ng	# 85
58) Fluorene	15.84	166	608928	50.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	202310	63.445	ng	95
60) Diethylphthalate	15.60	149	661083	47.663	ng	96
61) 4-Chlorophenyl-phenylether	15.83	204	331981	48.172	ng	93
62) 4-Nitroaniline	15.87	138	161470	56.577	ng	94
63) Azobenzene	16.12	77	588556	43.415	ng	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	108401	61.610	ng	96
66) n-Nitrosodiphenylamine	16.05	169	579667	47.469	ng	100
67) 4-Bromophenyl-phenylether	16.72	248	218667	49.080	ng	95
68) Hexachlorobenzene	16.84	284	220611	49.353	ng	97
69) Atrazine	16.99	200	233551	52.336	ng	100
70) Pentachlorophenol	17.18	266	297879	95.881	ng	99
71) Phenanthrene	17.59	178	1018197	48.985	ng	98
72) Anthracene	17.68	178	1030936	50.353	ng	98
73) Carbazole	17.95	167	938828	45.947	ng	99
74) Di-n-butylphthalate	18.48	149	1086852	45.594	ng	99
75) Fluoranthene	19.58	202	1205539	49.969	ng	99
77) Benzidine	19.77	184	443135	33.339	ng	100
78) Pyrene	19.95	202	1206863	47.819	ng	98
80) Butylbenzylphthalate	20.82	149	526798	49.482	ng	96
81) Benzo(a)anthracene	21.81	228	1204337	50.274	ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	192121	21.629	ng	99
83) Chrysene	21.89	228	1104523	48.435	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	737272	48.542	ng	99
85) Di-n-octyl phthalate	22.96	149	1252572	49.918	ng	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1391178	56.860	ng	98
88) Benzo(b)fluoranthene	24.14	252	1191363	51.216	ng	98
89) Benzo(k)fluoranthene	24.21	252	1134898	48.596	ng	99
90) Benzo(a)pyrene	25.06	252	1169551	52.206	ng	98
91) Dibenzo(a,h)anthracene	29.19	278	1115350	53.163	ng	99
92) Benzo(g,h,i)perylene	30.35	276	1138250	54.433	ng	98

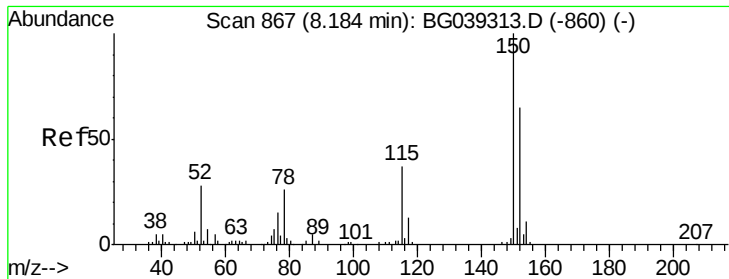
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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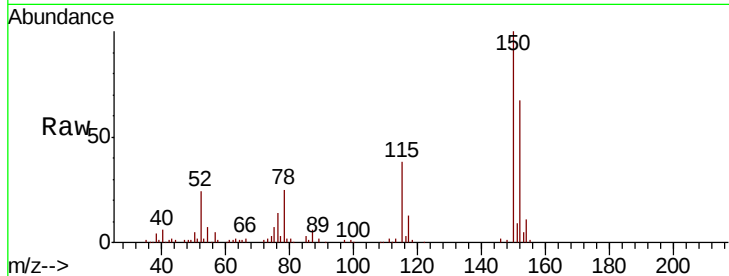


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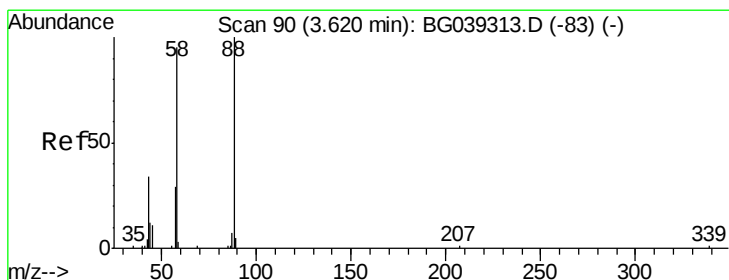
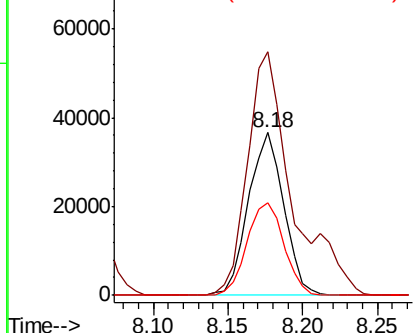
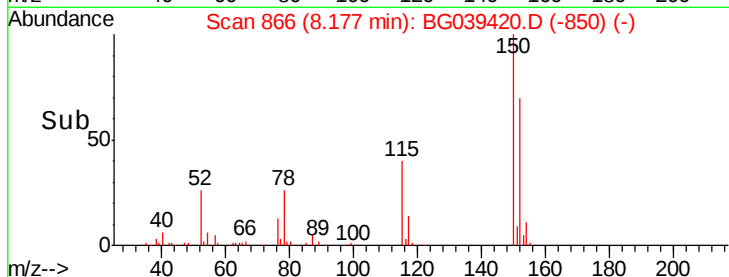
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

Tgt Ion:152 Resp: 59737
Ion Ratio Lower Upper
152 100
150 149.7 123.7 185.5
115 56.9 45.9 68.9



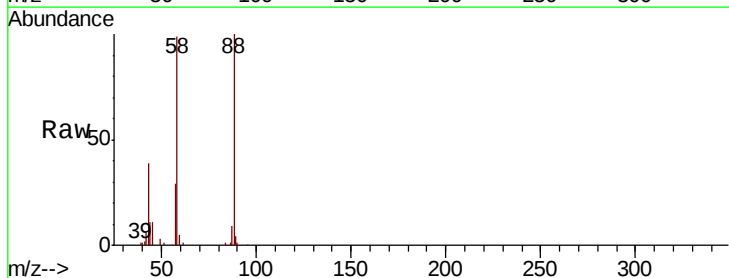
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



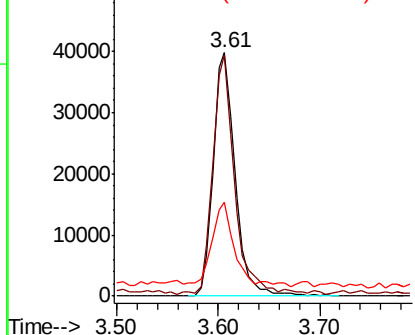
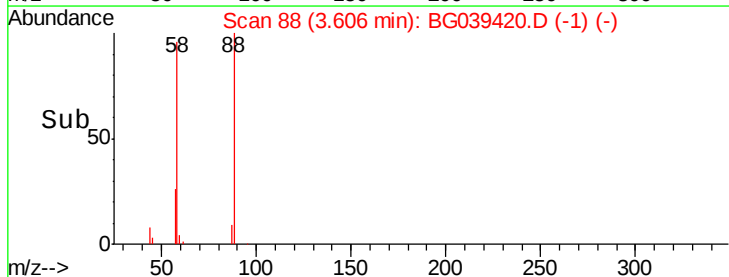
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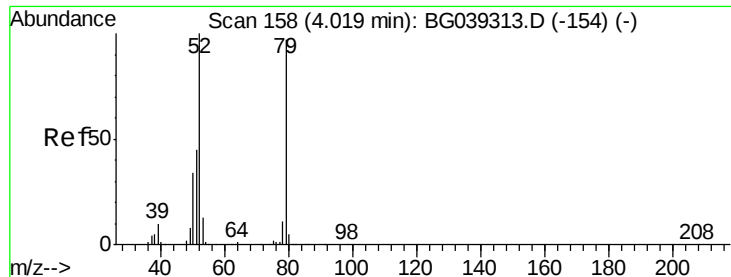
1,4-Dioxane
Concen: 38.823 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion: 88 Resp: 59273
Ion Ratio Lower Upper
88 100
58 97.5 81.1 121.7
43 30.7 31.4 47.0#



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

Pyridine

Concen: 42.040 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

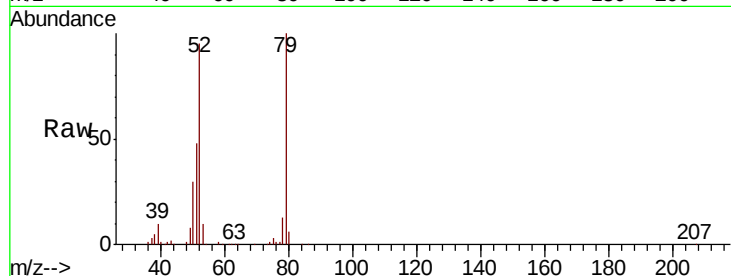
Tgt Ion: 79 Resp: 169935

Ion Ratio Lower Upper

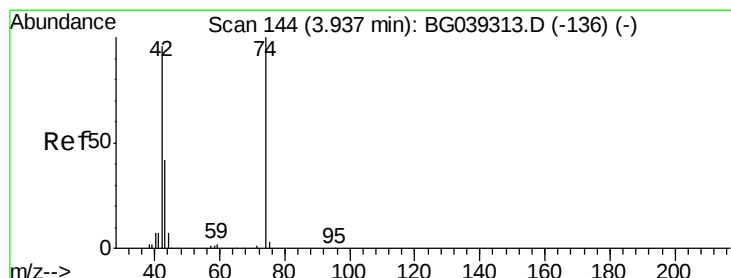
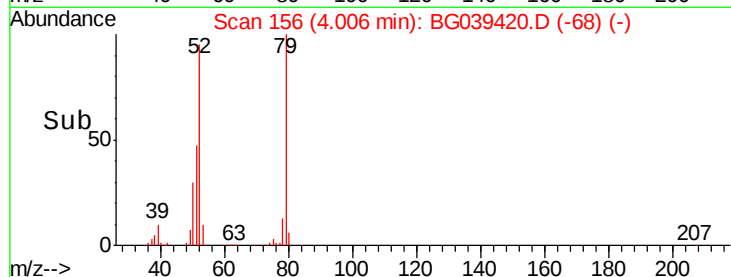
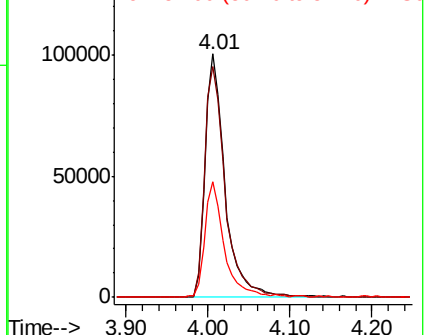
79 100

52 94.7 82.6 124.0

51 47.7 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 46.752 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

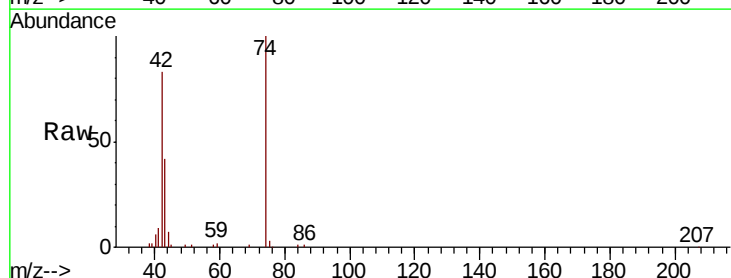
Tgt Ion: 42 Resp: 94512

Ion Ratio Lower Upper

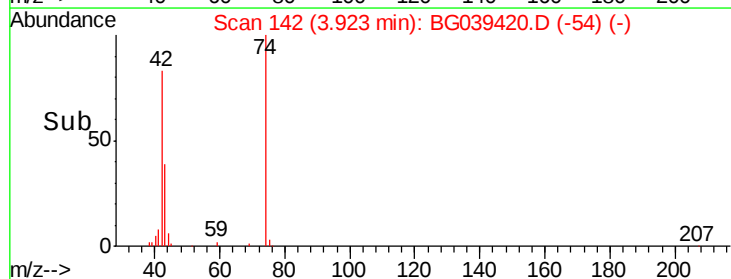
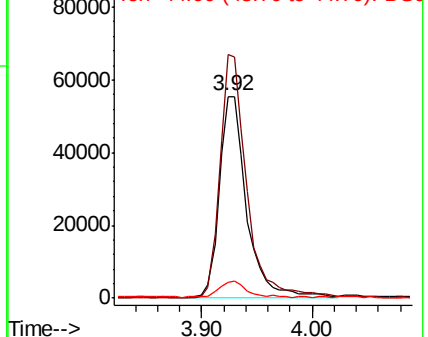
42 100

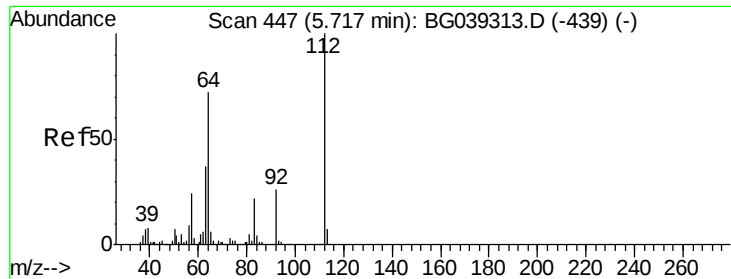
74 120.6 83.6 125.4

44 8.0 6.9 10.3



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





#5

2-Fluorophenol

Concen: 154.792 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

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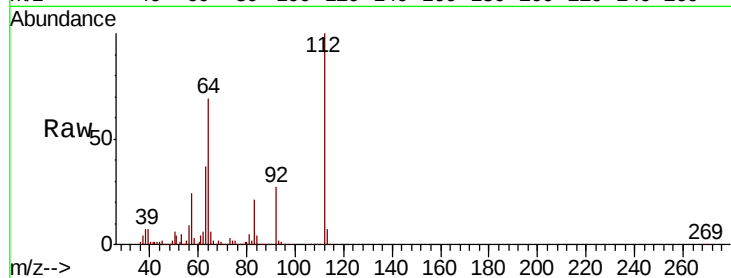
Tgt Ion: 112 Resp: 540273

Ion Ratio Lower Upper

112 100

64 69.4 57.8 86.8

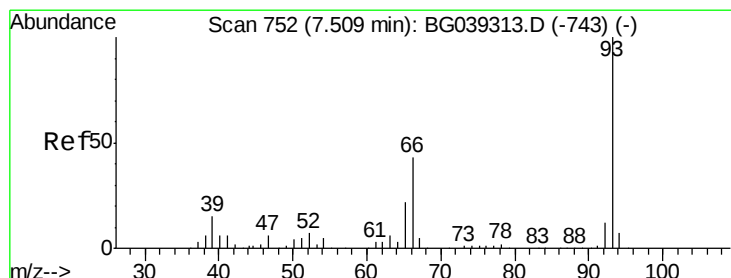
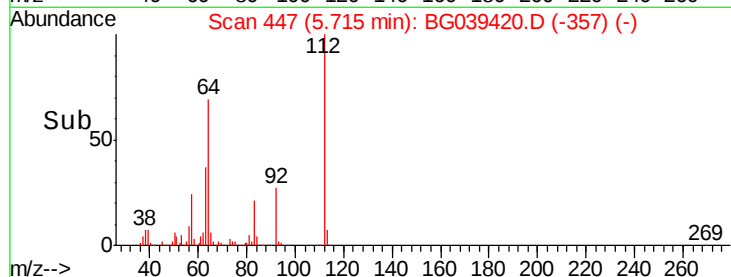
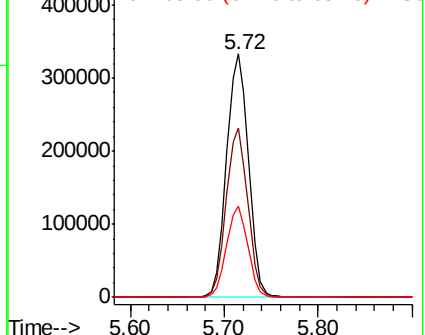
63 37.5 29.8 44.6



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: 27.153 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

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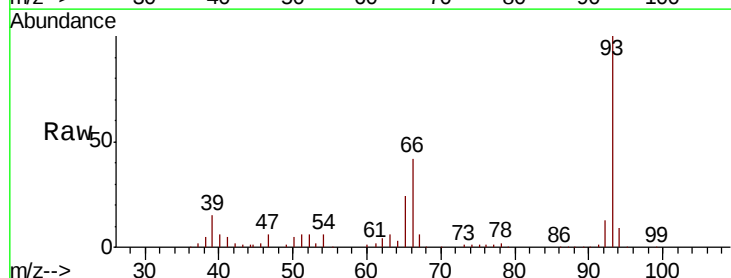
Tgt Ion: 93 Resp: 174738

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.4

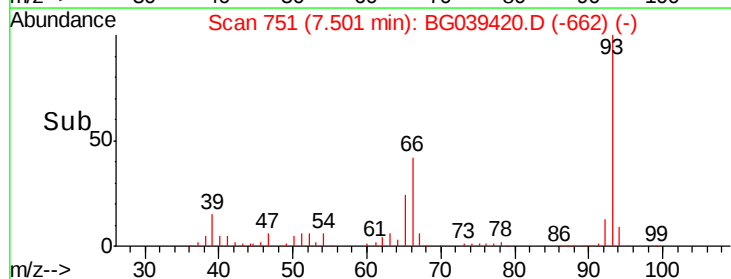
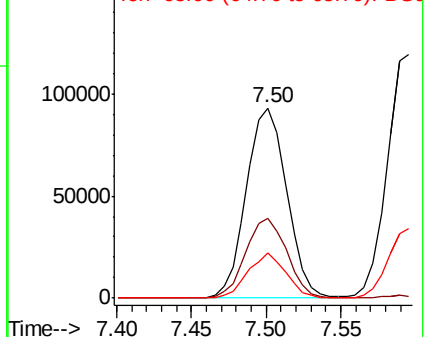
65 23.6 17.7 26.5

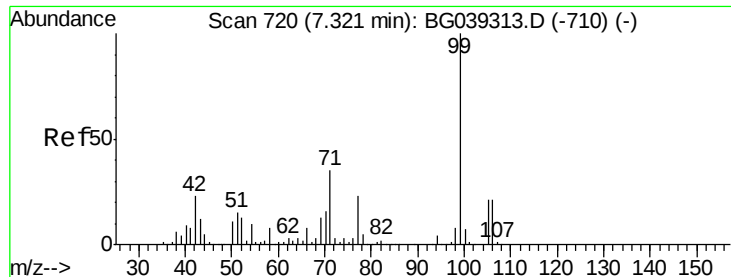


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.002 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

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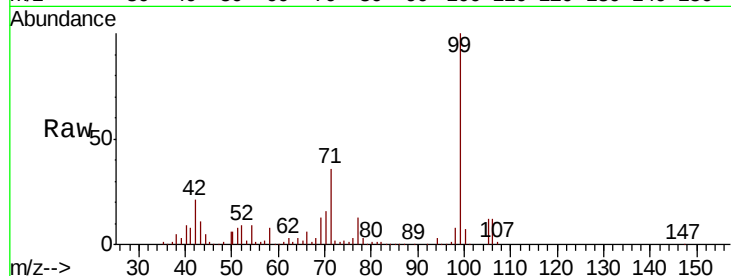
Tgt Ion: 99 Resp: 770658

Ion Ratio Lower Upper

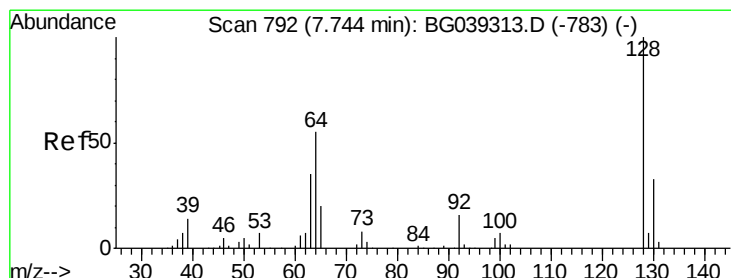
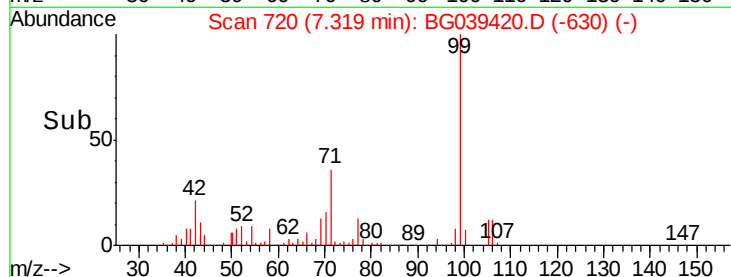
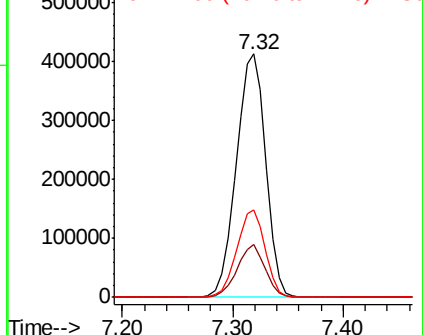
99 100

42 21.5 18.2 27.2

71 36.1 28.0 42.0



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: 53.378 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039420.D

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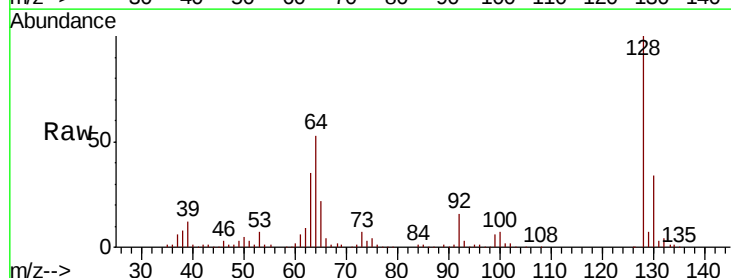
Tgt Ion: 128 Resp: 203648

Ion Ratio Lower Upper

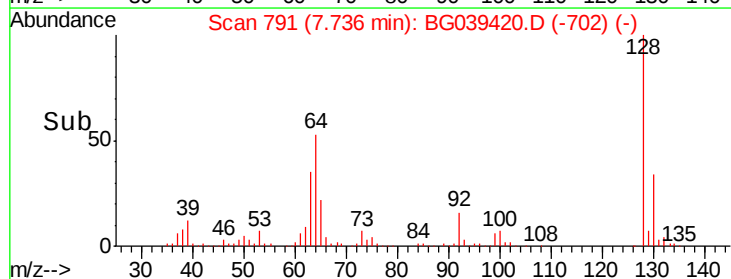
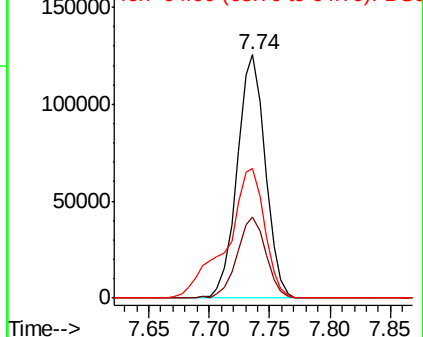
128 100

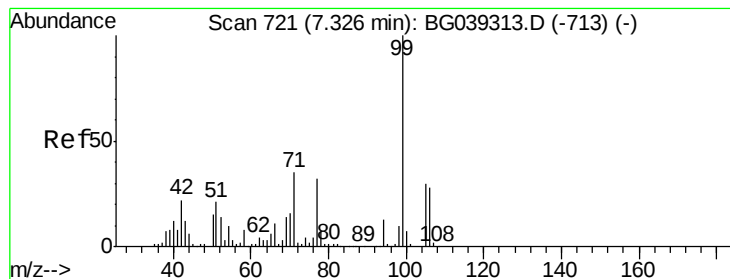
130 33.5 12.9 52.9

64 53.0 38.7 78.7



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





#9

Benzaldehyde

Concen: 39.428 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

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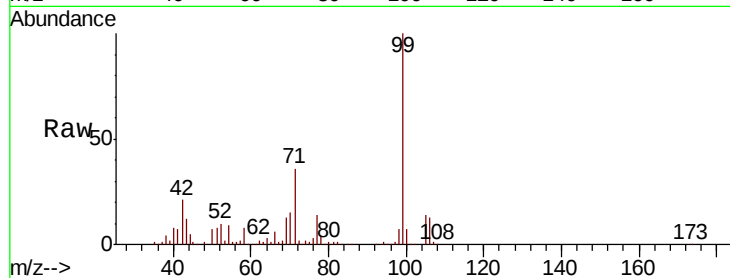
Tgt Ion: 77 Resp: 101581

Ion Ratio Lower Upper

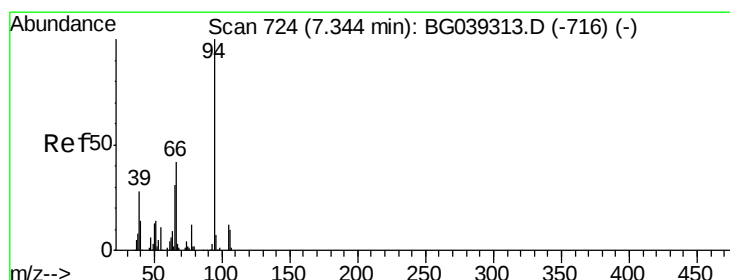
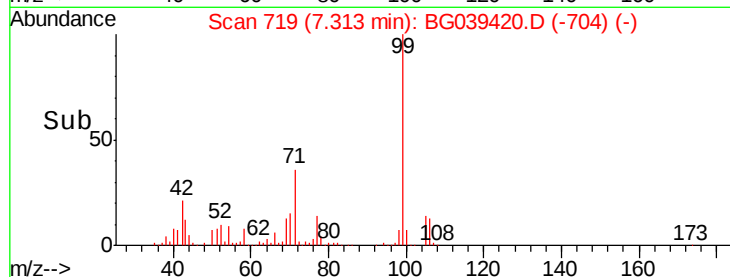
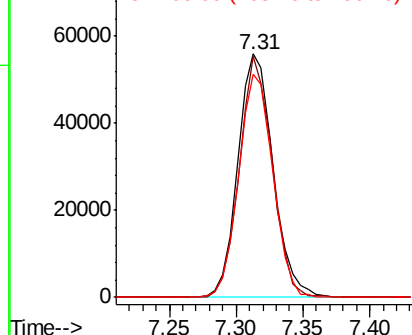
77 100

105 98.8 74.5 114.5

106 91.5 68.0 108.0



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: 56.111 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

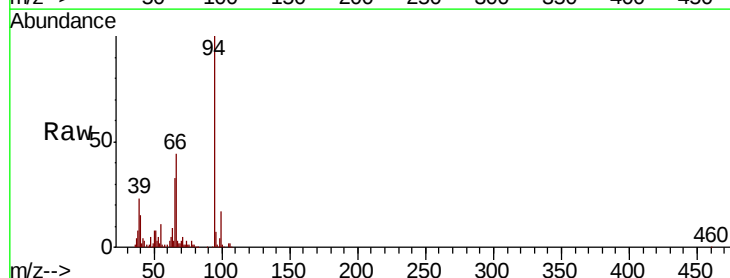
Tgt Ion: 94 Resp: 300509

Ion Ratio Lower Upper

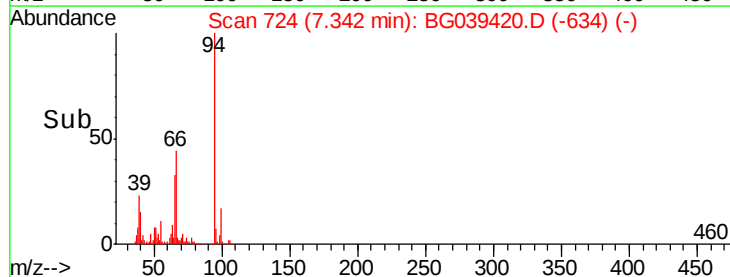
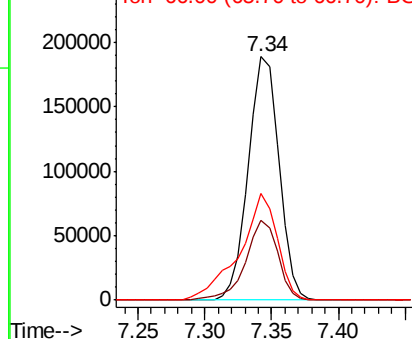
94 100

65 32.7 11.7 51.7

66 43.6 23.7 63.7



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

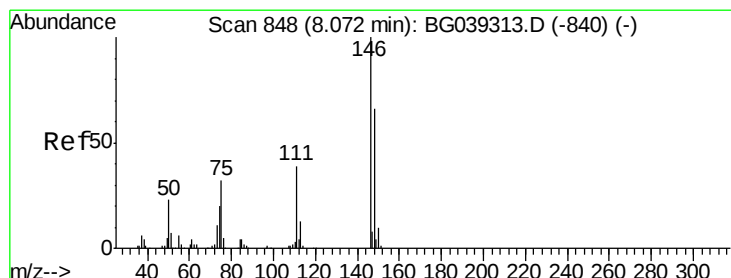
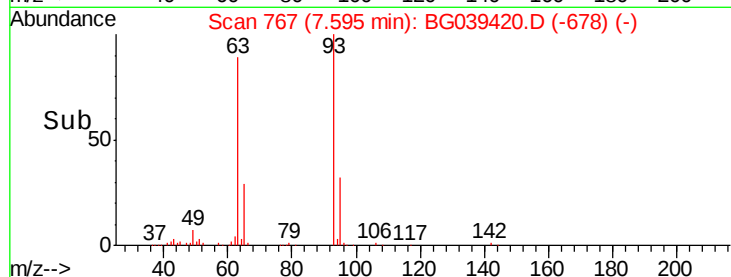
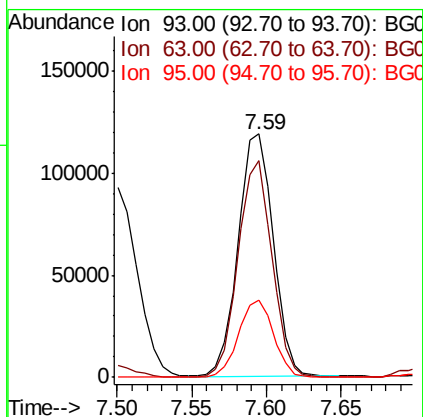
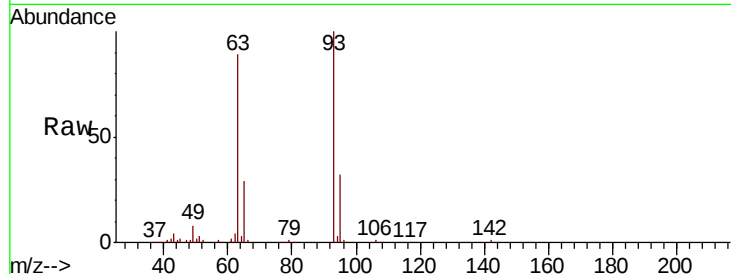




#11
 bis(2-Chloroethyl)ether
 Concen: 45.786 ng
 RT: 7.59 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

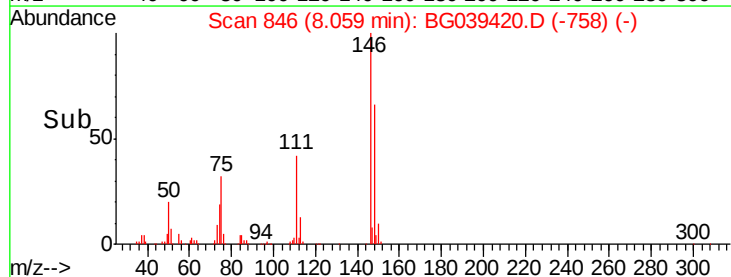
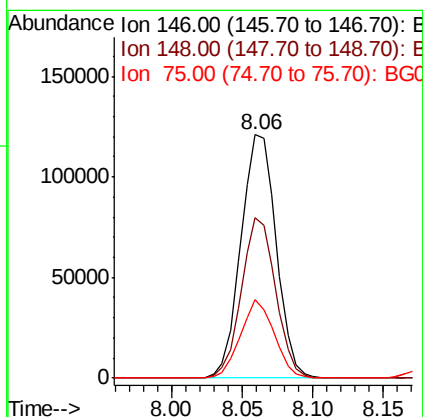
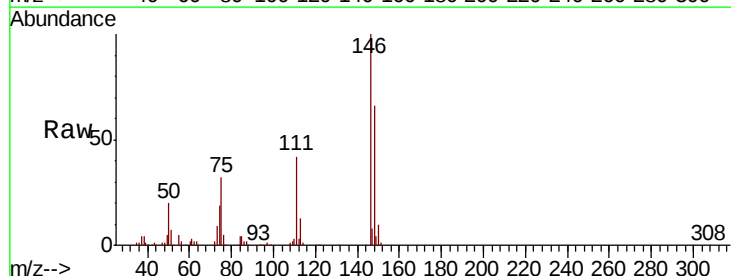
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

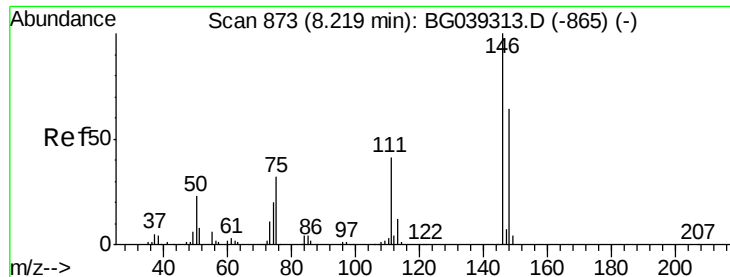
Tgt Ion: 93 Resp: 193762
 Ion Ratio Lower Upper
 93 100
 63 89.0 69.5 109.5
 95 31.7 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 45.793 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion: 146 Resp: 211651
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.6 79.0
 75 32.4 25.8 38.6

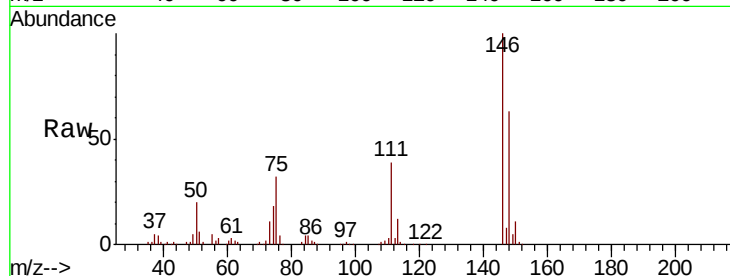




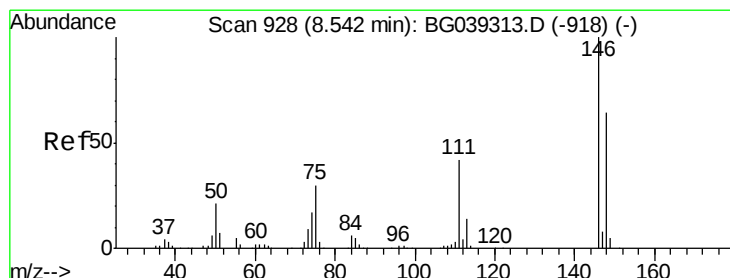
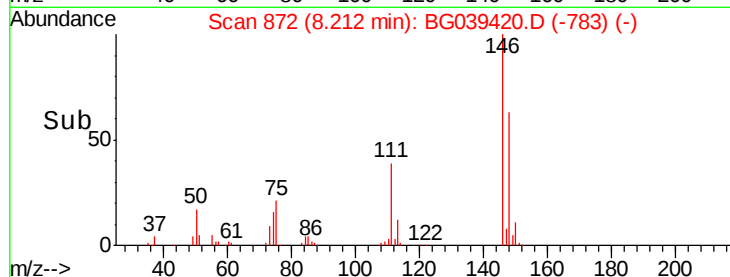
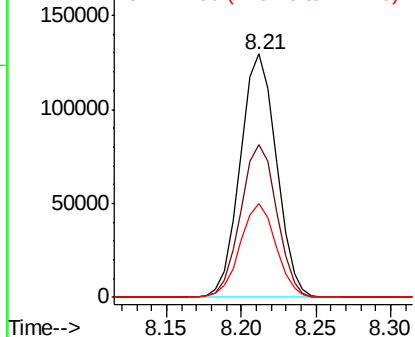
#13
 1,4-Dichlorobenzene
 Concen: 47.312 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

Tgt Ion:146 Resp: 217952
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 38.6 32.6 48.8

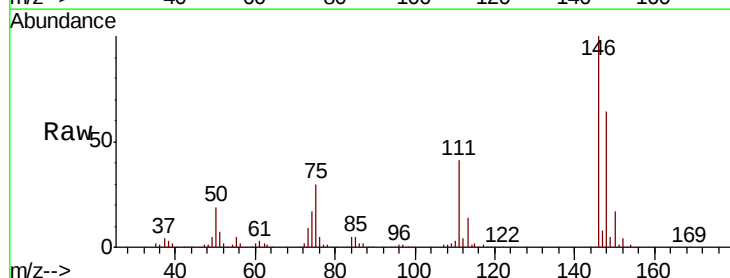


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

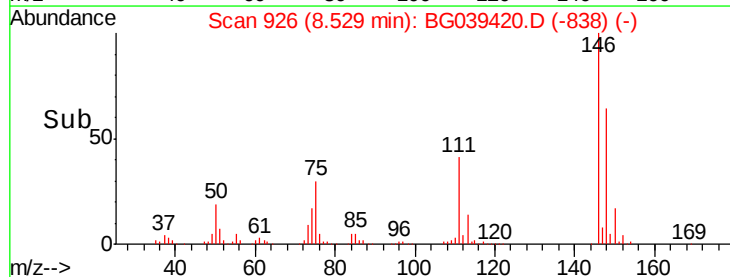
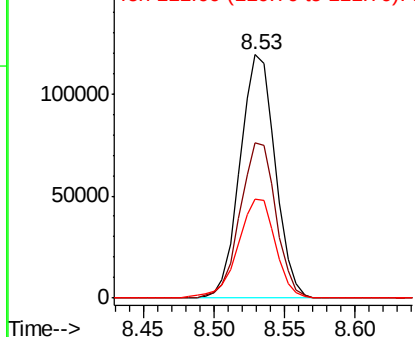


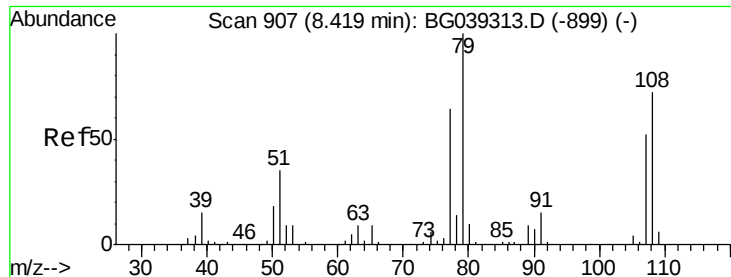
#14
 1,2-Dichlorobenzene
 Concen: 46.449 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion:146 Resp: 207146
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.5 77.3
 111 40.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 49.042 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

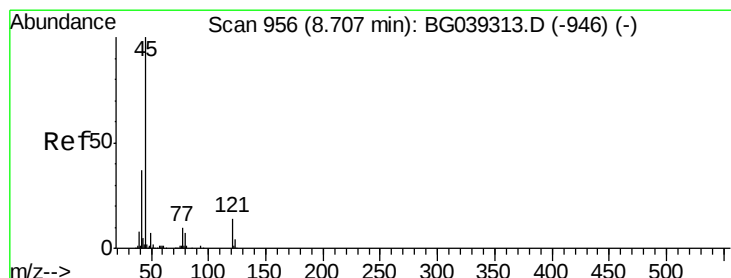
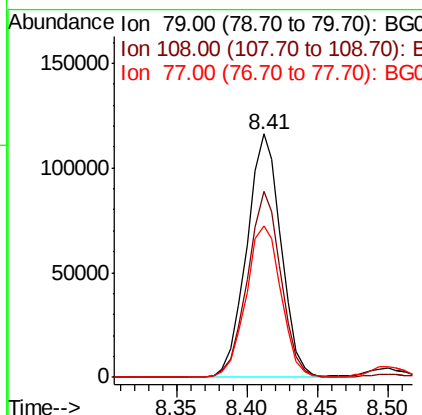
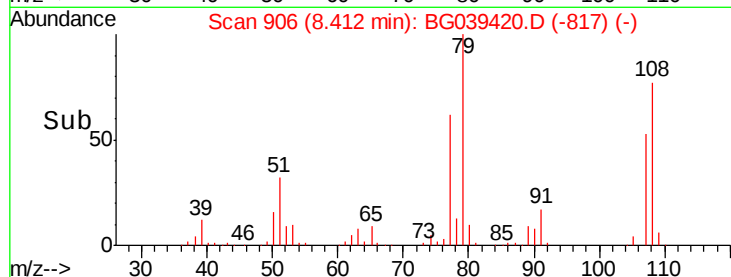
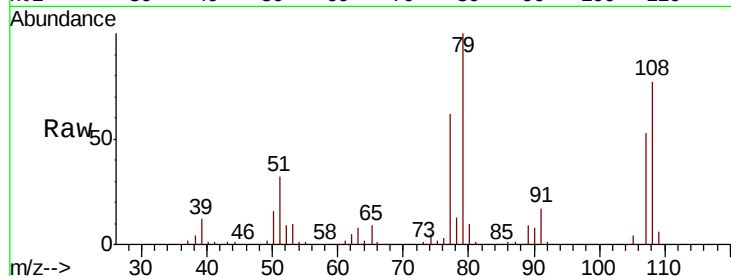
Tgt Ion: 79 Resp: 197810

Ion Ratio Lower Upper

79 100

108 76.5 57.8 86.6

77 62.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.592 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

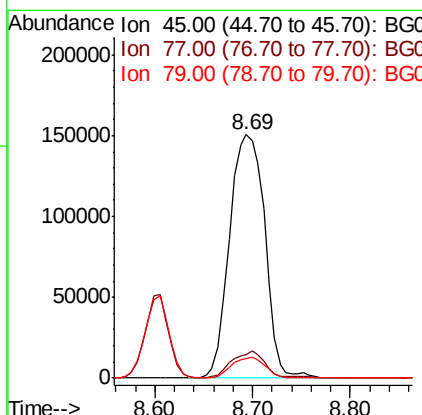
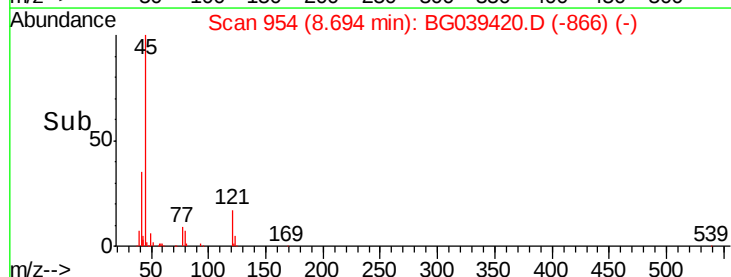
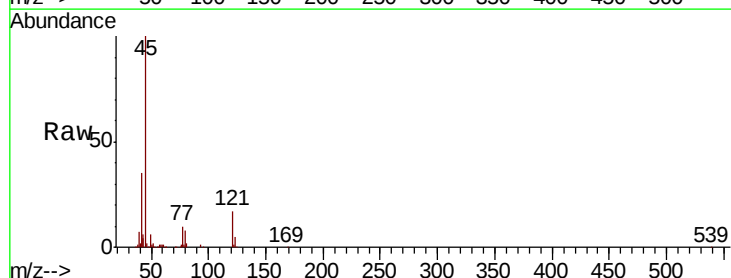
Tgt Ion: 45 Resp: 378365

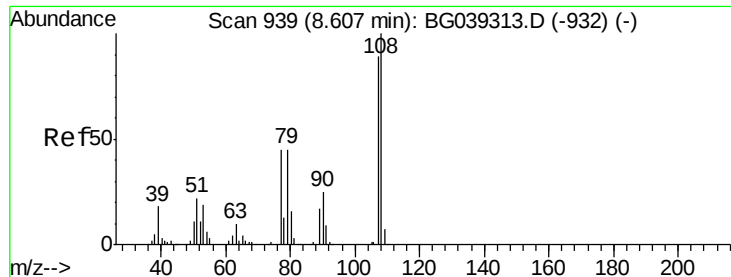
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.0

79 7.9 0.0 27.5





#17

2-Methylphenol

Concen: 52.035 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tgt Ion:107 Resp: 180340

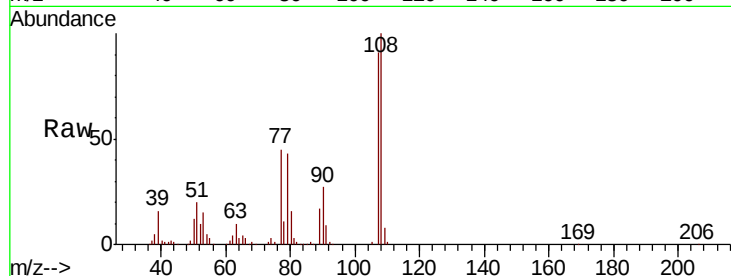
Ion Ratio Lower Upper

107 100

108 110.0 90.8 136.2

77 49.5 40.7 61.1

79 47.2 40.6 60.8

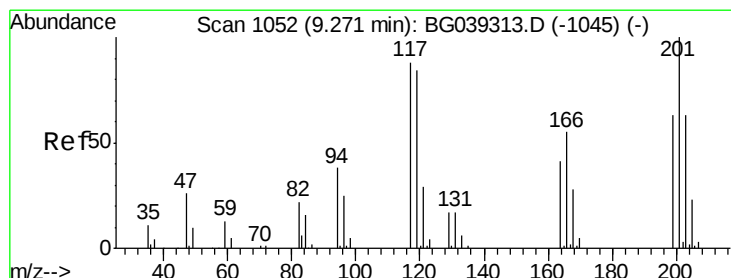
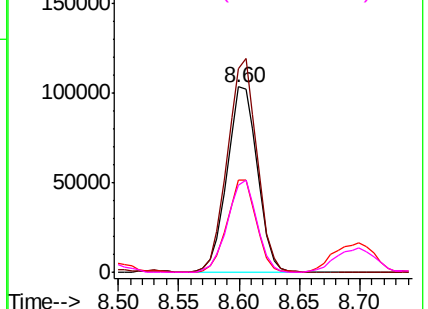
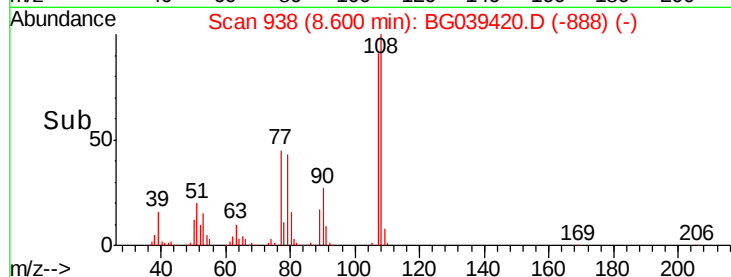


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 47.023 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

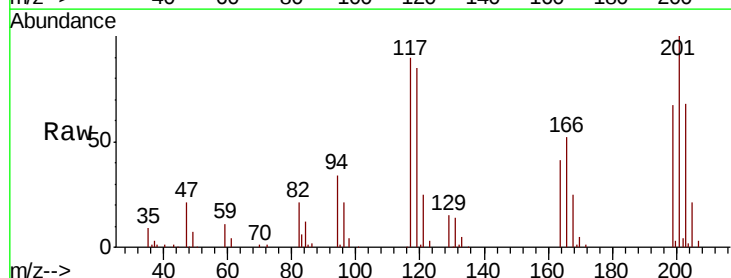
Tgt Ion:117 Resp: 74527

Ion Ratio Lower Upper

117 100

119 94.7 76.3 114.5

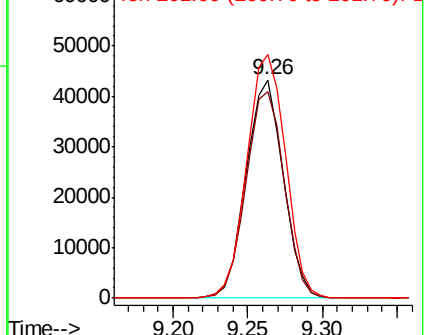
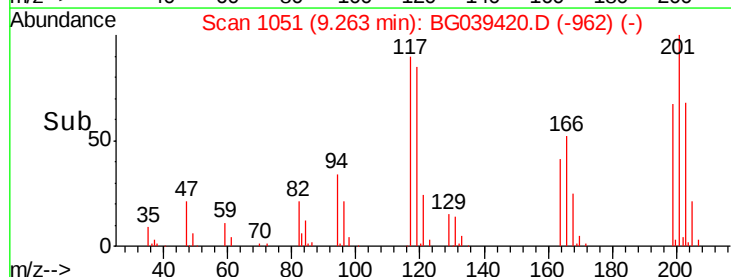
201 111.6 91.1 136.7

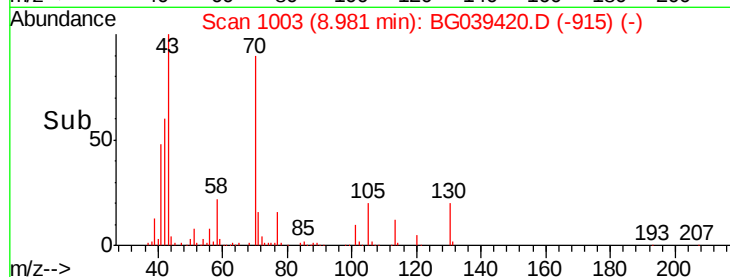
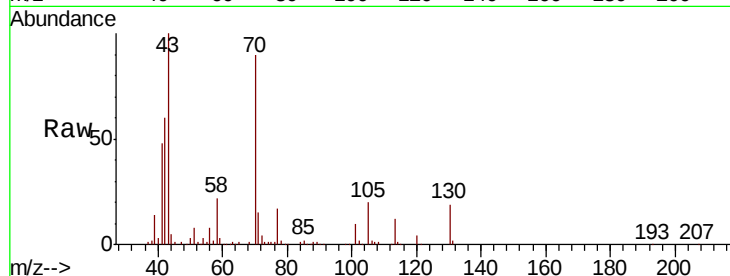
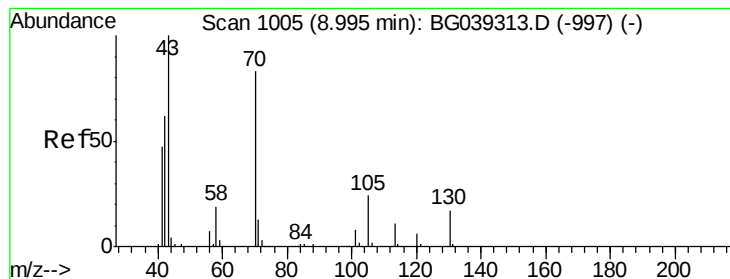


Abundance Ion 117.00 (116.70 to 117.70): E

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: 44.136 ng

RT: 8.98 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tgt Ion: 70 Resp: 160940

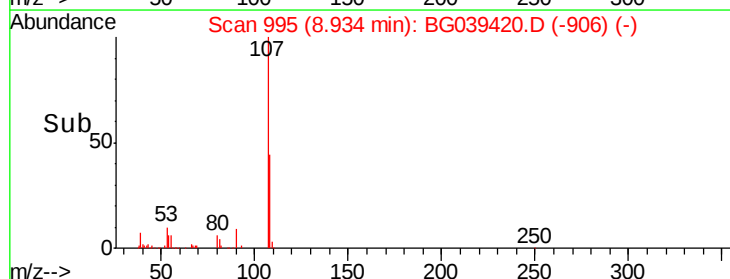
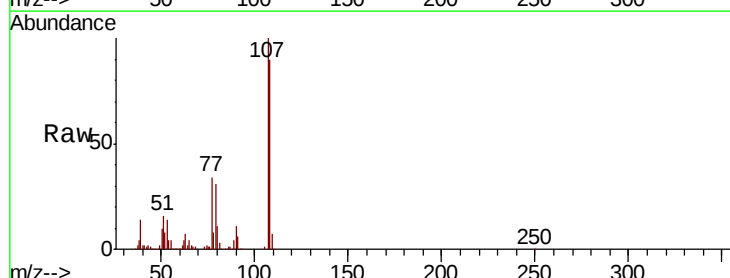
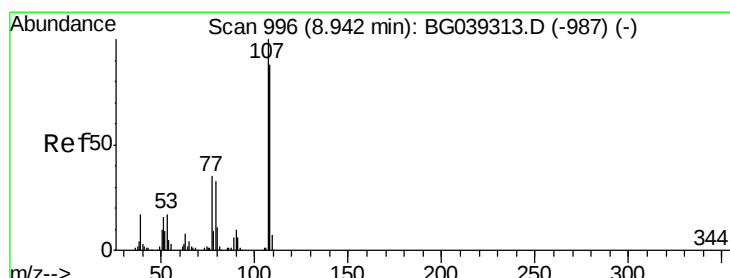
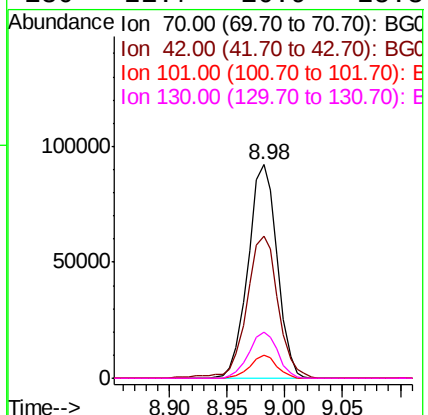
Ion Ratio Lower Upper

70 100

42 66.6 60.4 90.6

101 10.9 7.5 11.3

130 21.7 16.9 25.3



#20

3+4-Methylphenols

Concen: 52.272 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Tgt Ion: 107 Resp: 249473

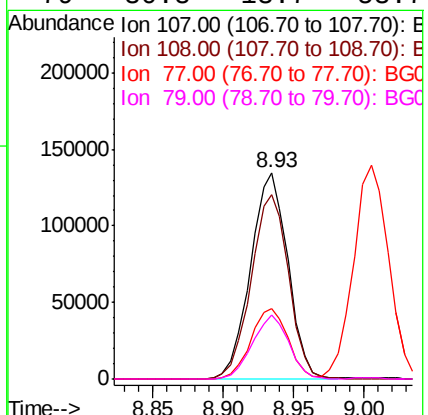
Ion Ratio Lower Upper

107 100

108 89.6 67.9 107.9

77 34.2 15.4 55.4

79 30.8 13.7 53.7

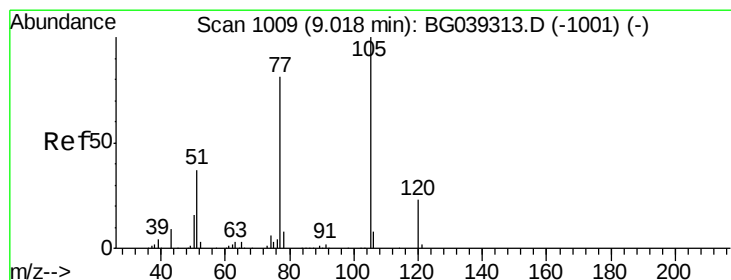
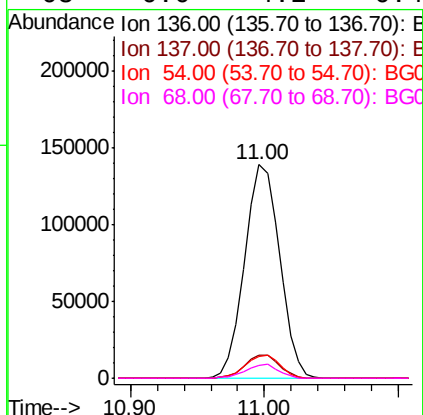
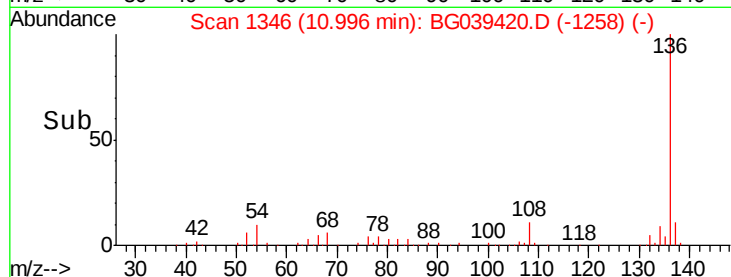
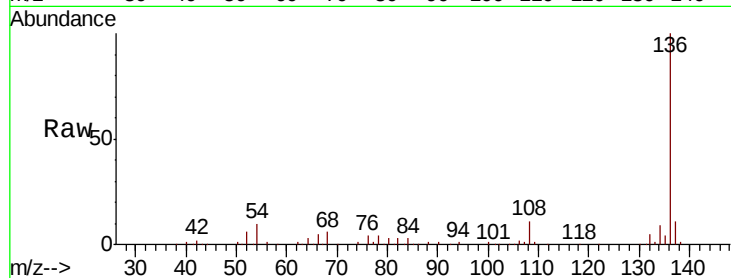




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

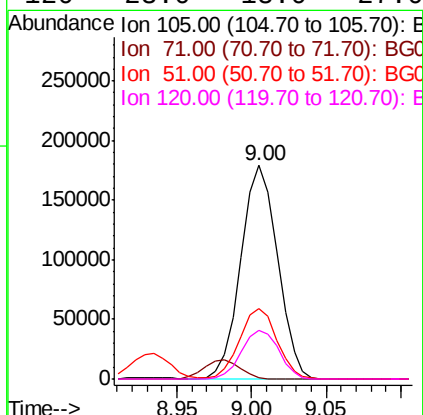
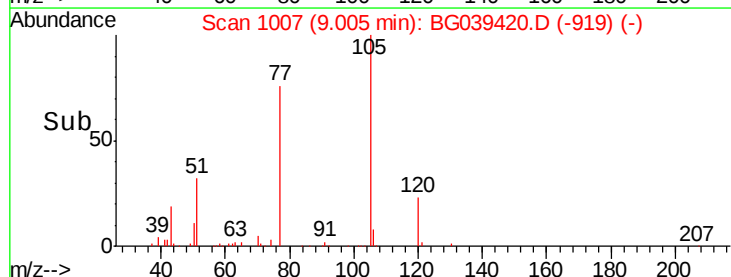
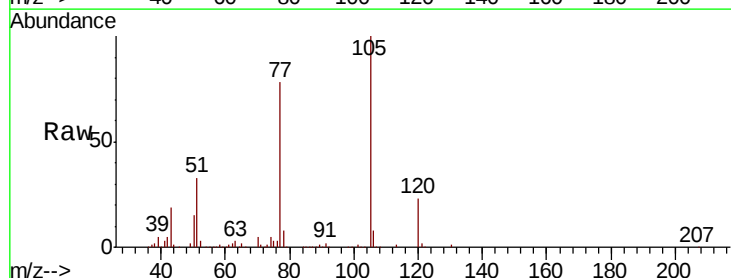
Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

Tgt Ion:	136	Resp:	252226
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.4	9.4	14.2
68	6.0	4.2	6.4



#22
Acetophenone
Concen: 45.279 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion:	105	Resp:	306776
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	32.9	30.2	45.2
120	23.0	18.0	27.0

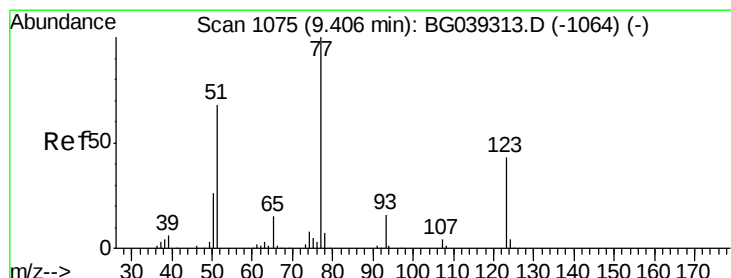
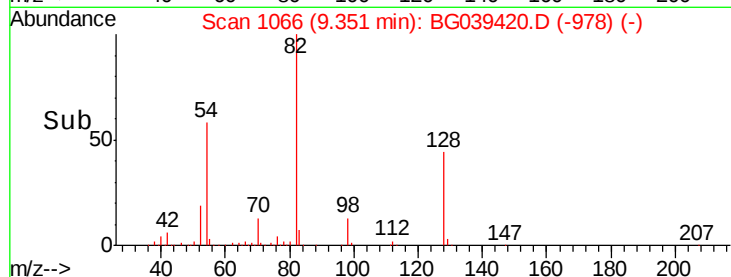
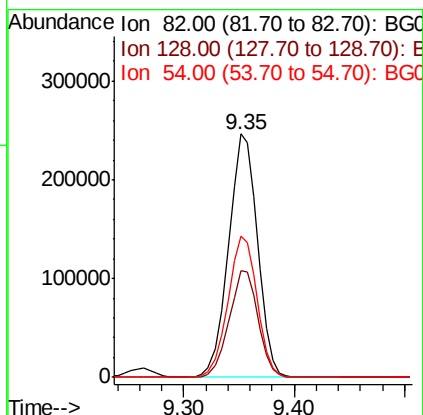
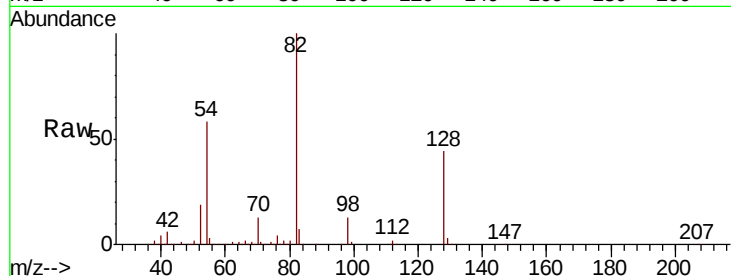




#23
 Nitrobenzene-d5
 Concen: 112.092 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

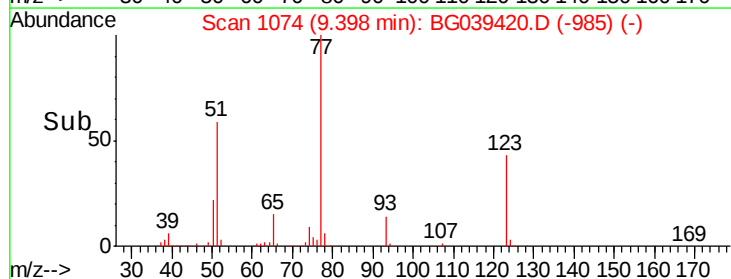
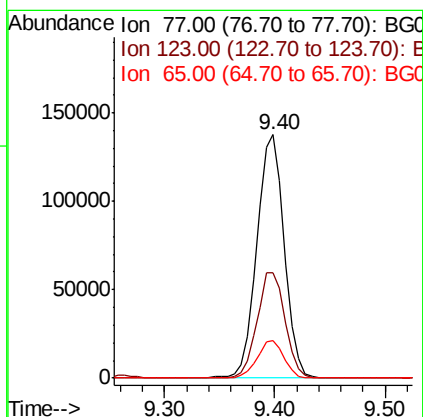
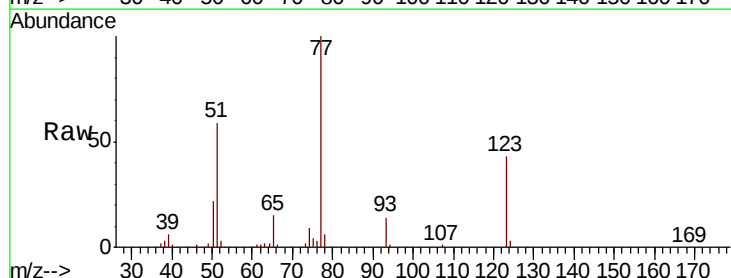
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.3	46.9
54	58.0	50.9	76.3



#24
 Nitrobenzene
 Concen: 54.906 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	34.1	51.1
65	15.2	12.3	18.5





#25

Isophorone

Concen: 50.725 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

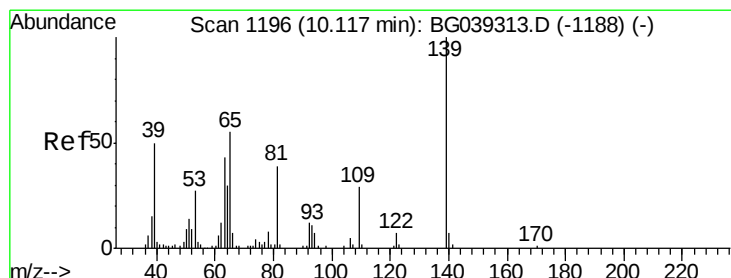
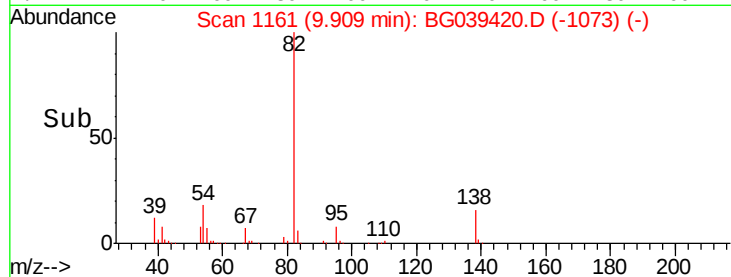
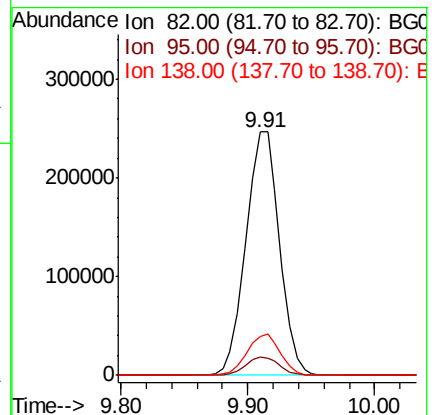
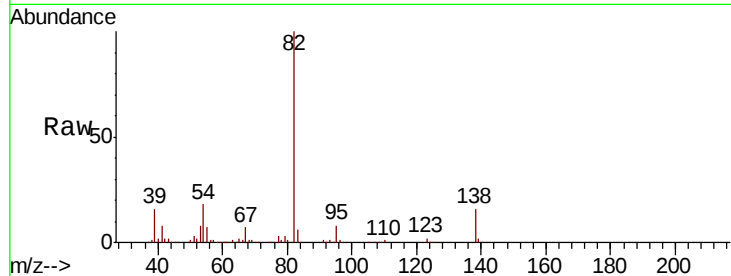
Tgt Ion: 82 Resp: 453838

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 16.1 13.0 19.4



#26

2-Nitrophenol

Concen: 62.353 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

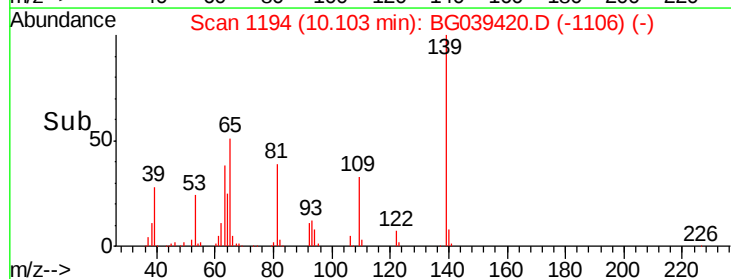
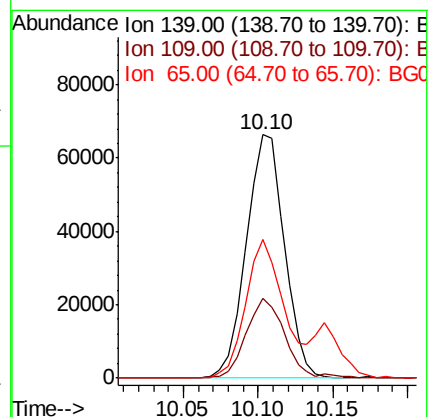
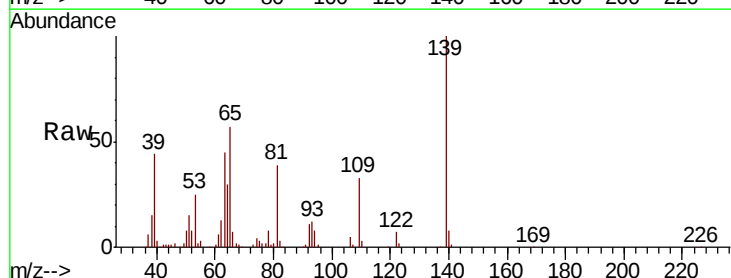
Tgt Ion: 139 Resp: 116895

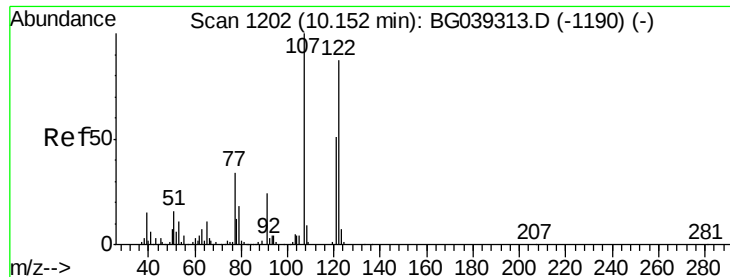
Ion Ratio Lower Upper

139 100

109 32.9 23.4 35.0

65 56.9 44.3 66.5

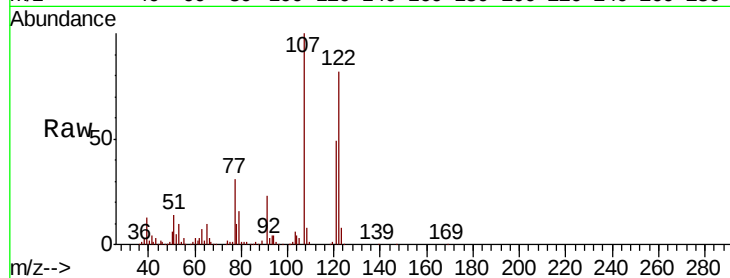




#27
 2,4-Dimethylphenol
 Concen: 56.997 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.5	91.7	137.5
121	59.3	46.4	69.6

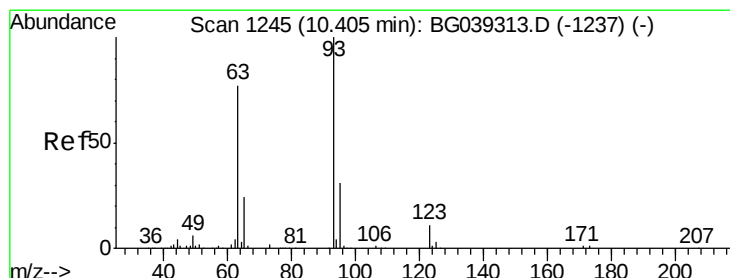
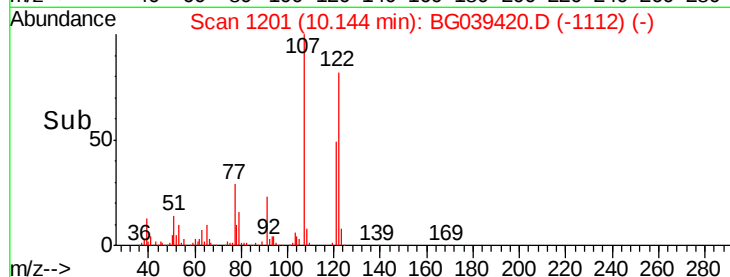
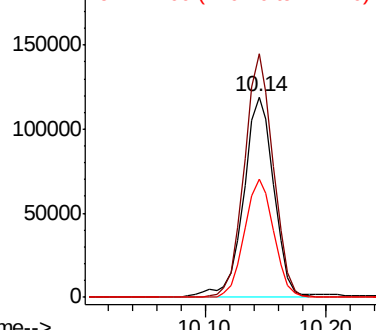


Abundance

Ion 122.00 (121.70 to 122.70): E

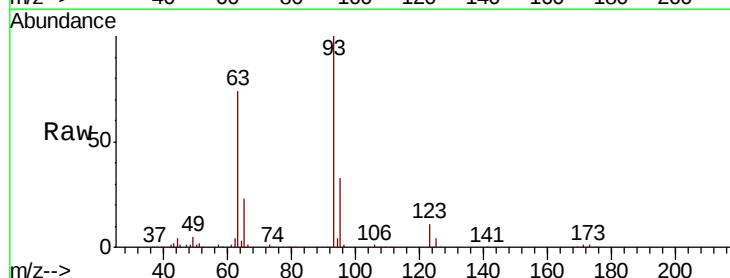
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.679 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.0	37.4
123	11.3	8.6	12.8

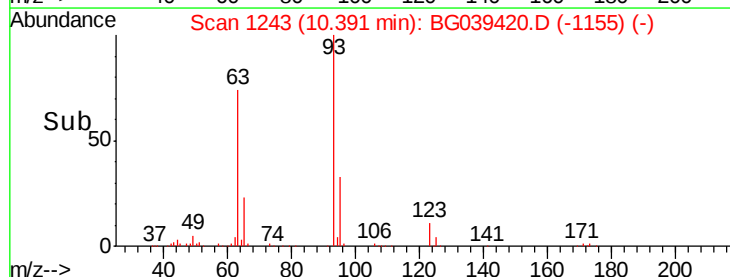
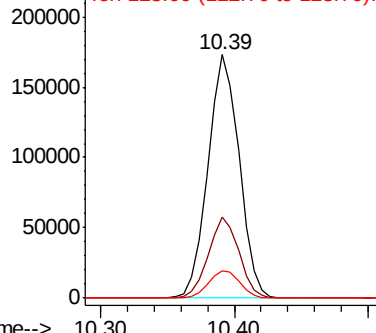


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

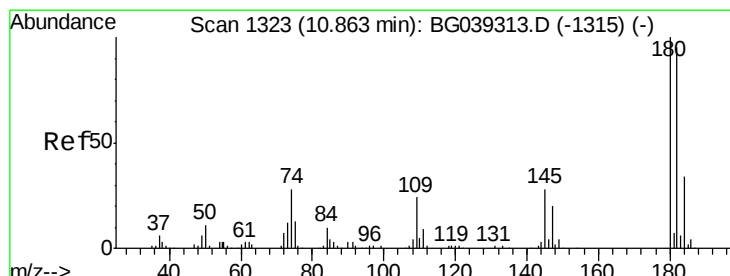
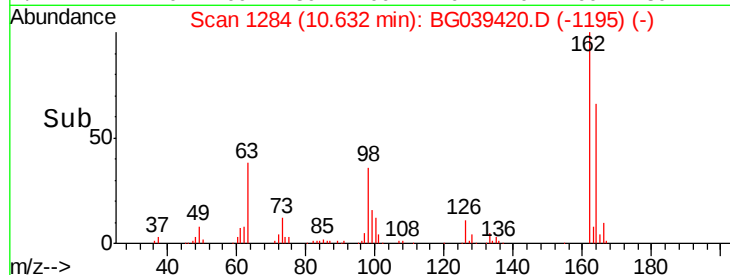
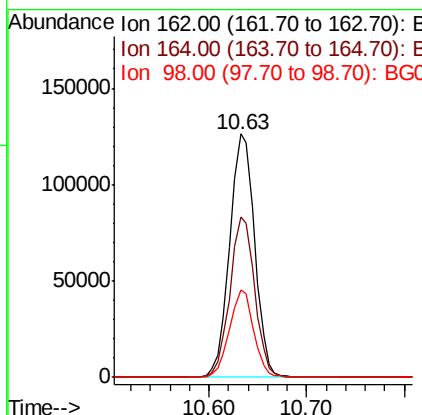
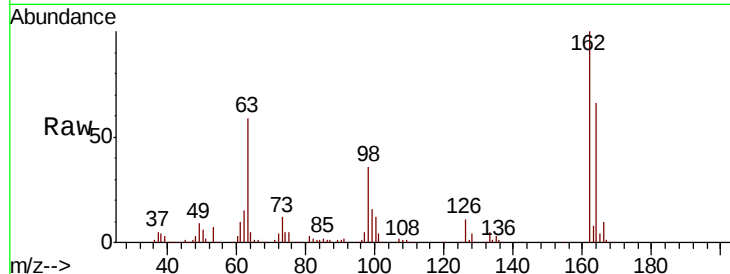




#29
 2,4-Dichlorophenol
 Concen: 56.706 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

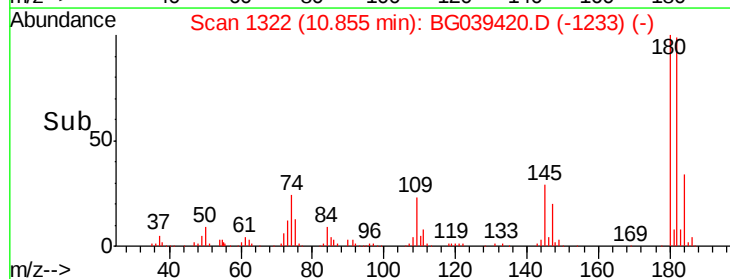
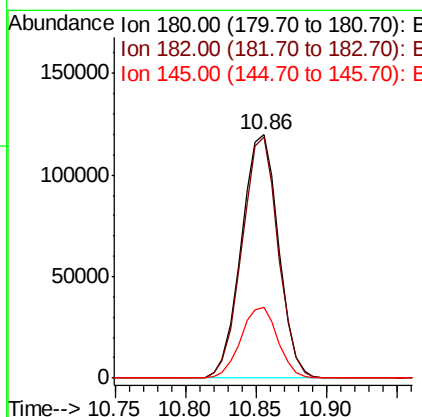
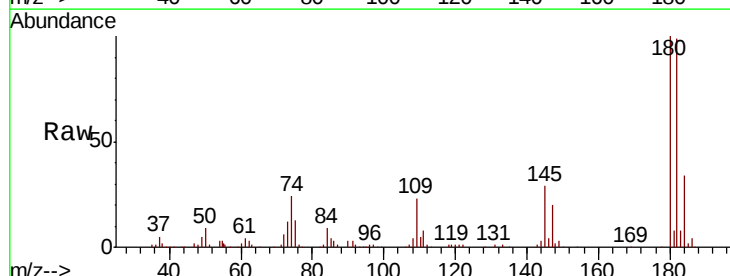
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

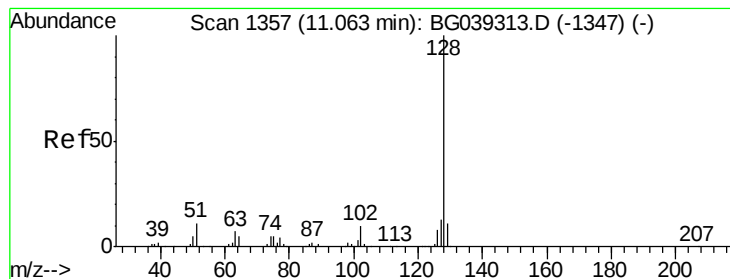
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.1	88.1
98	36.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.730 ng
 RT: 10.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.0	114.0
145	29.3	22.7	34.1

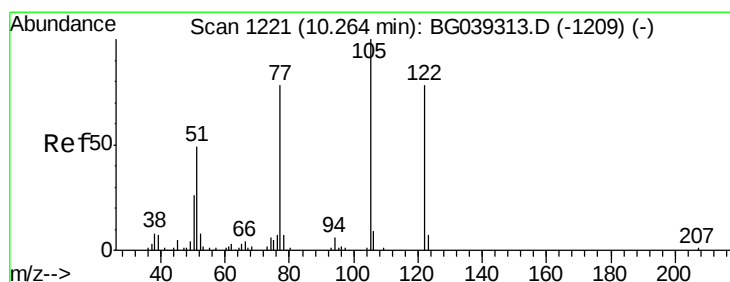
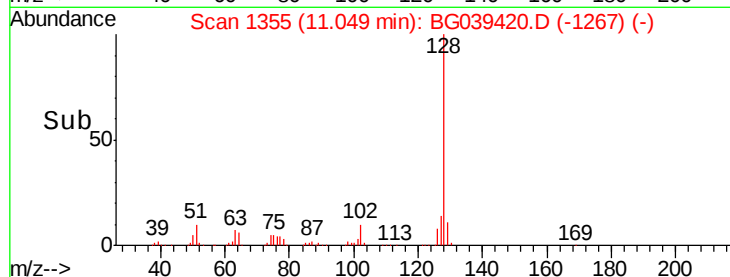
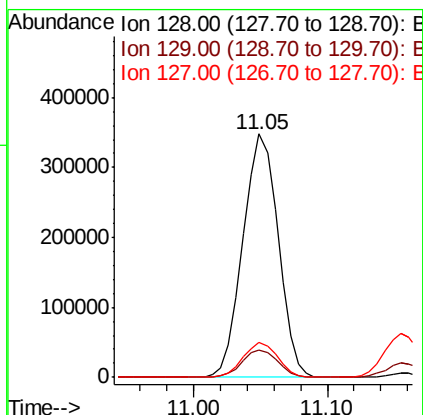
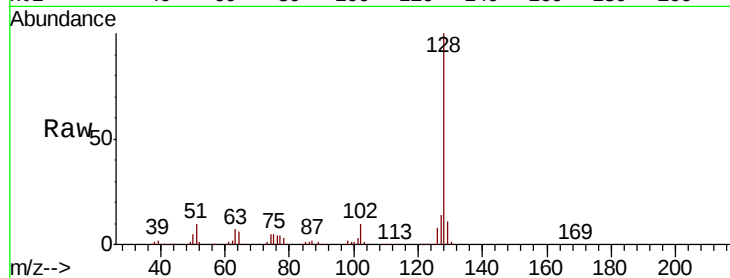




#31
Naphthalene
Concen: 50.845 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

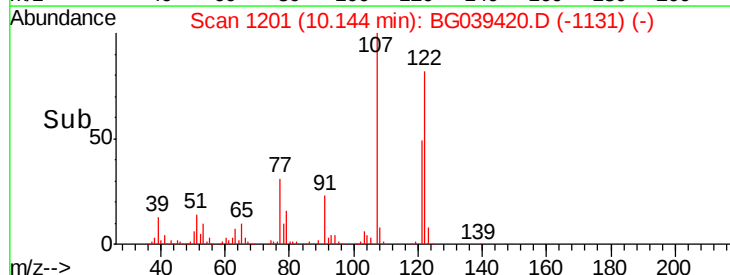
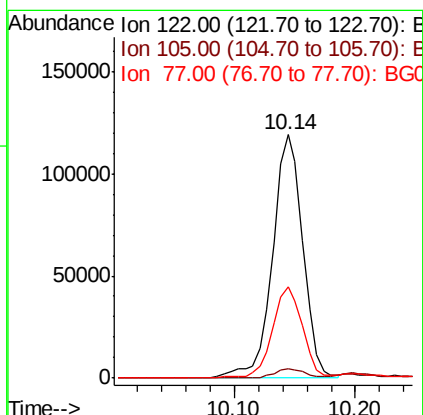
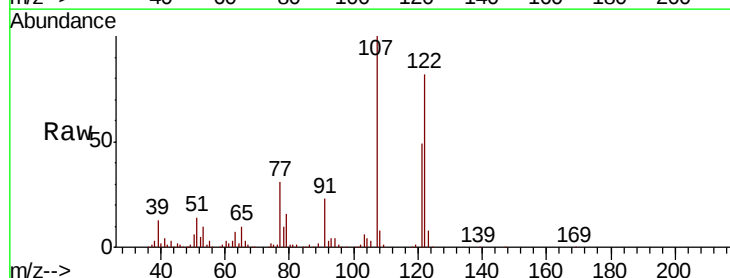
Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

Tgt Ion:128 Resp: 636214
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.2 10.8 16.2



#32
Benzoic acid
Concen: 79.704 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.12 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion:122 Resp: 206287
Ion Ratio Lower Upper
122 100
105 4.1 101.8 141.8#
77 37.6 76.3 116.3#

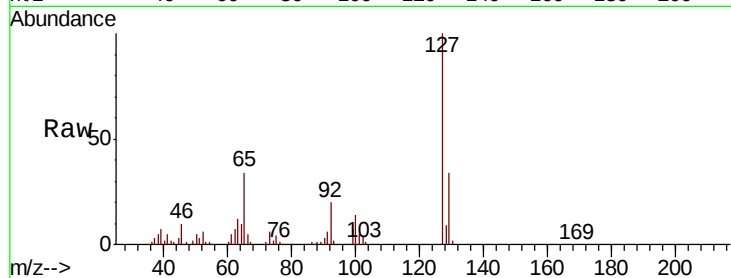




#33
4-Chloroaniline
Concen: 19.947 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

Tgt Ion:	127	Resp:	115728
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.0	40.4
65	34.0	28.8	43.2
92	20.3	16.6	25.0



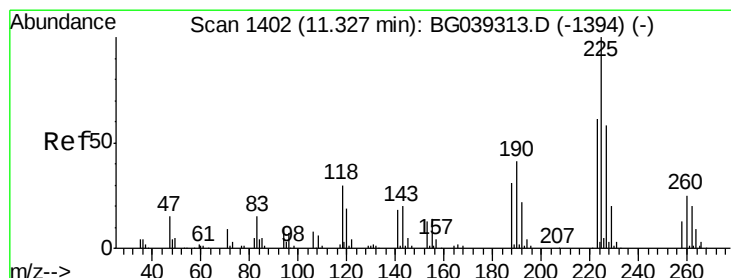
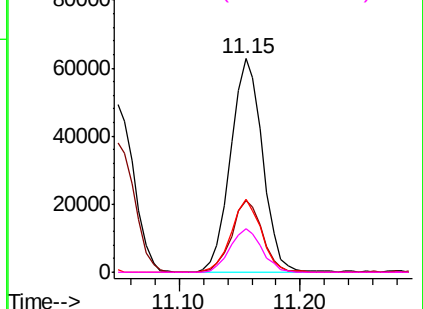
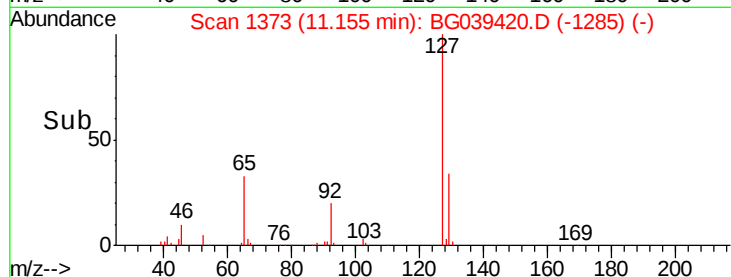
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

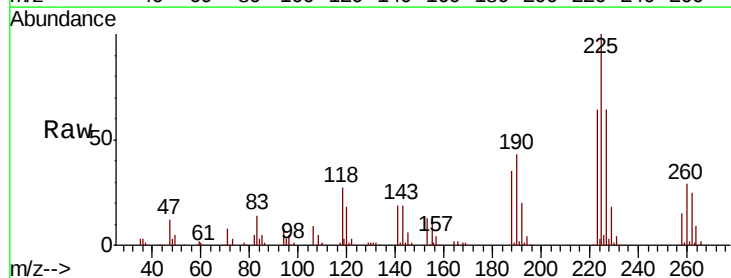
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 47.935 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion:	225	Resp:	141570
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.0	73.6
227	63.8	46.3	69.5

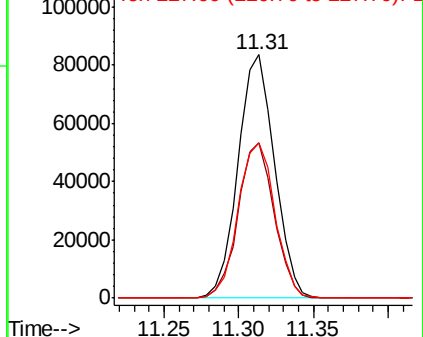
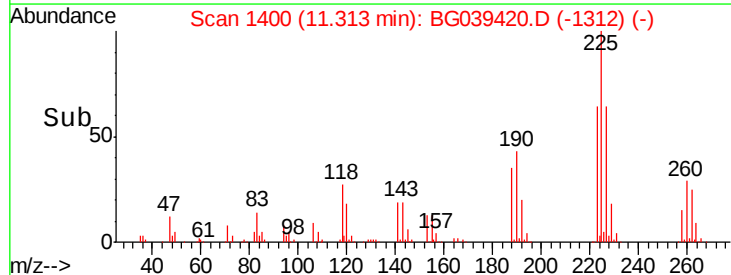


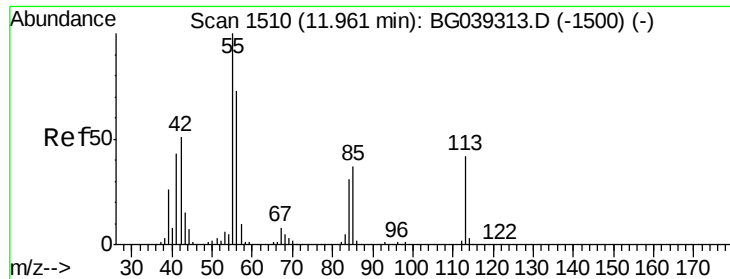
Abundance

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: 31.114 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

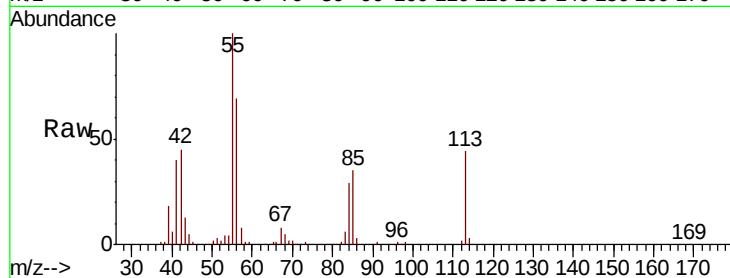
Tgt Ion:113 Resp: 50930

Ion Ratio Lower Upper

113 100

55 229.1 216.9 256.9

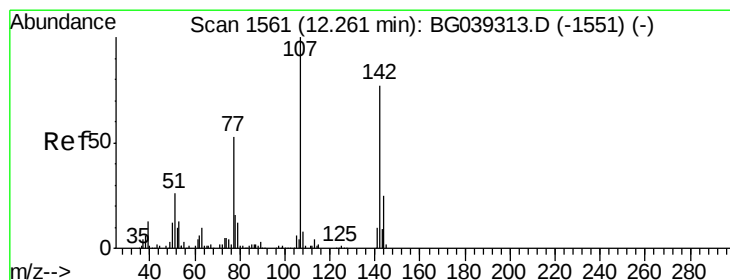
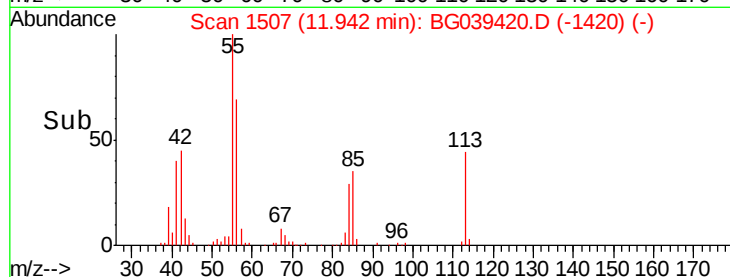
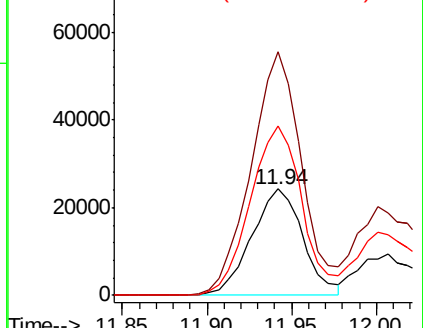
56 159.0 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.892 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

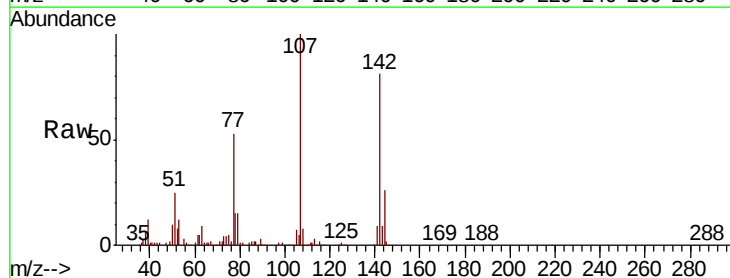
Tgt Ion:107 Resp: 237387

Ion Ratio Lower Upper

107 100

144 26.1 20.2 30.2

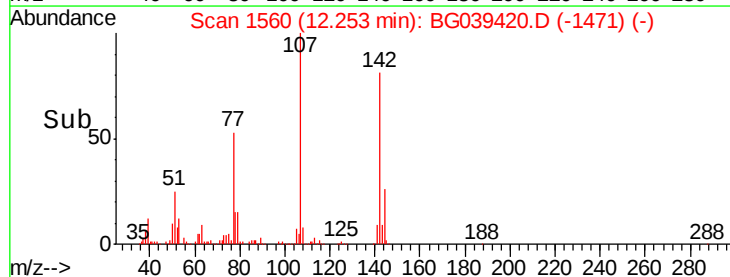
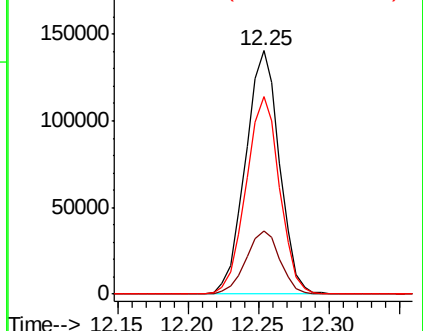
142 81.0 61.4 92.2

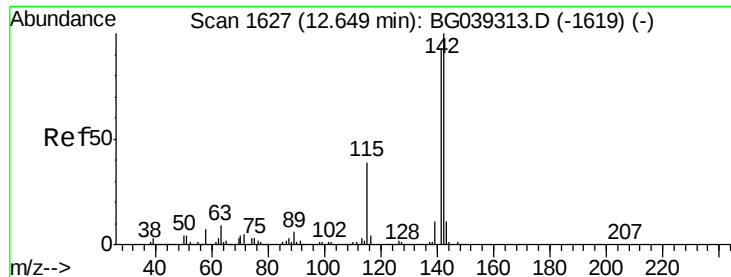


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

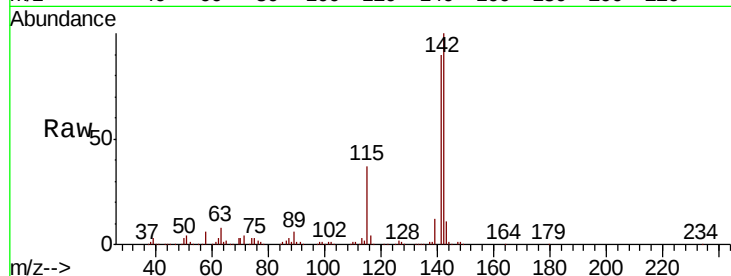




#37
2-Methylnaphthalene
Concen: 51.182 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.5	110.3
115	37.4	30.8	46.2

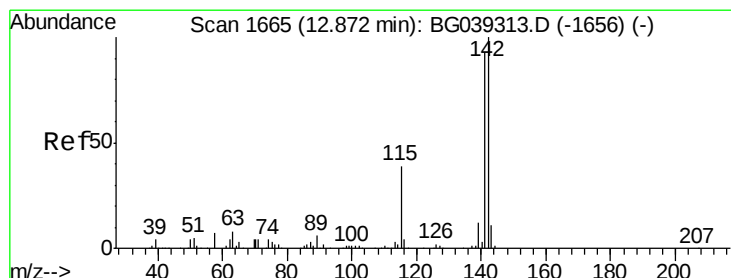
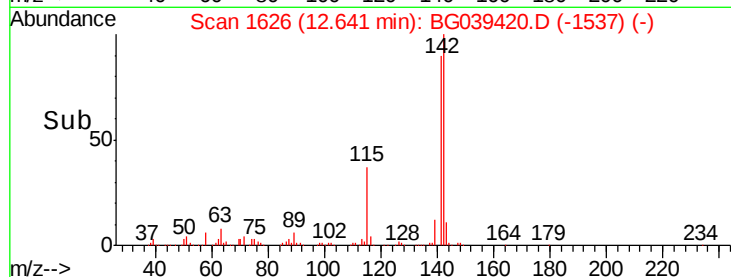
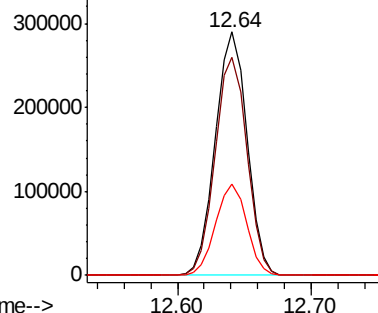


Abundance

Ion 142.00 (141.70 to 142.70): E

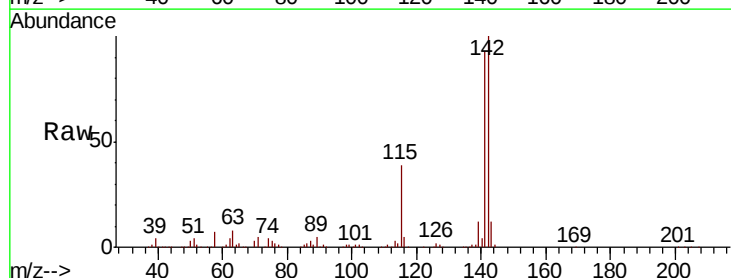
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 50.849 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	4.5	3.0	4.6

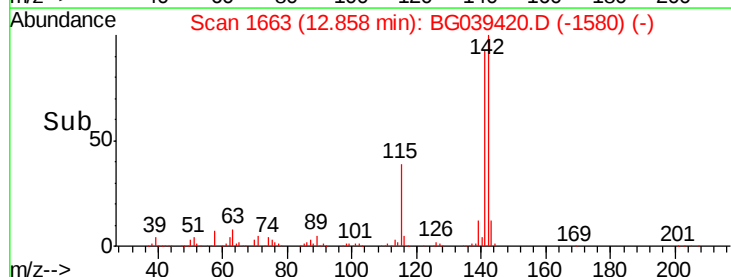
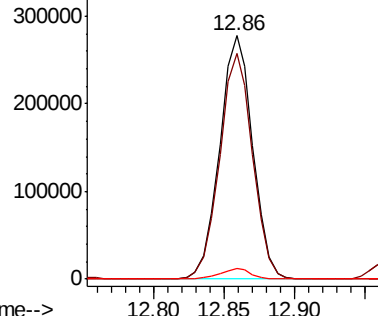


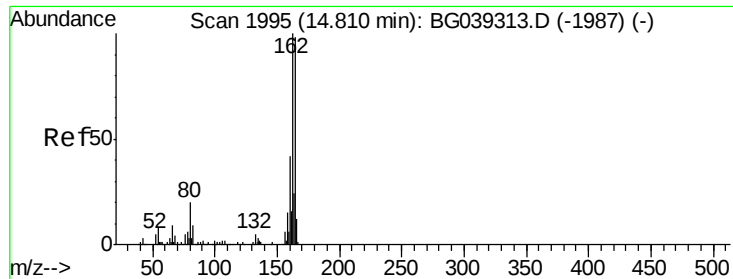
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

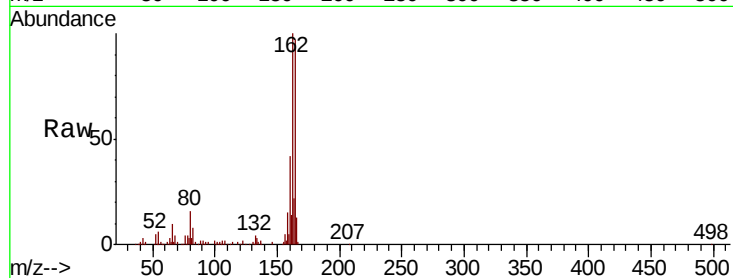
Tgt Ion:164 Resp: 166100

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

160 43.2 34.2 51.2

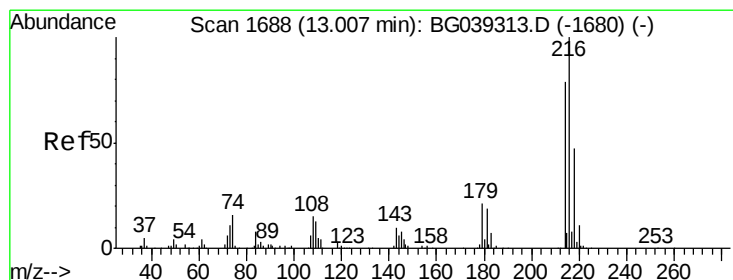
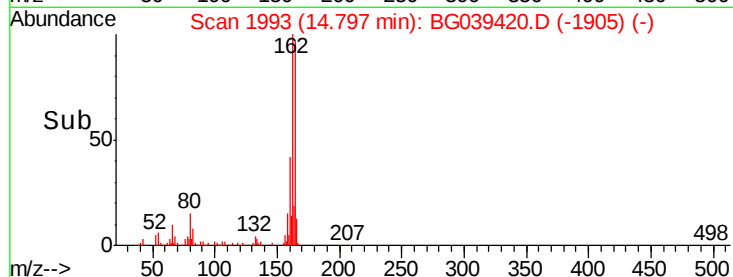
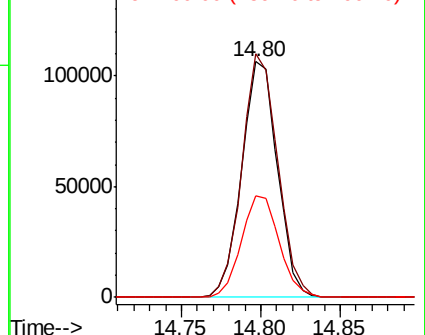


Abundance

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: 50.256 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Tgt Ion:216 Resp: 265595

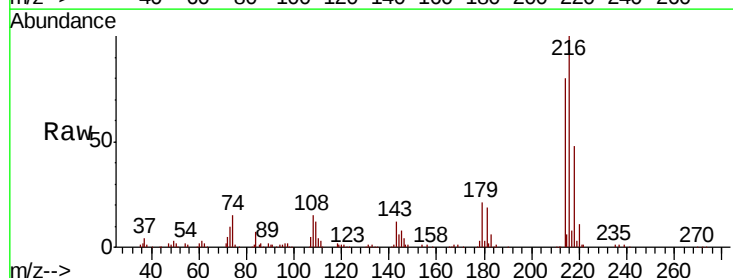
Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 20.4 16.6 25.0

108 18.2 14.0 21.0



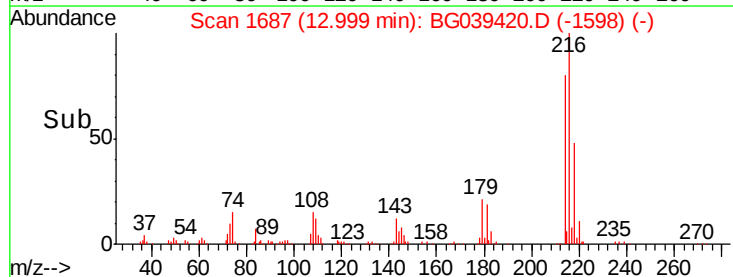
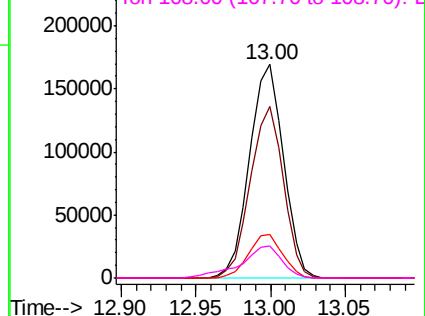
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 108.635 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

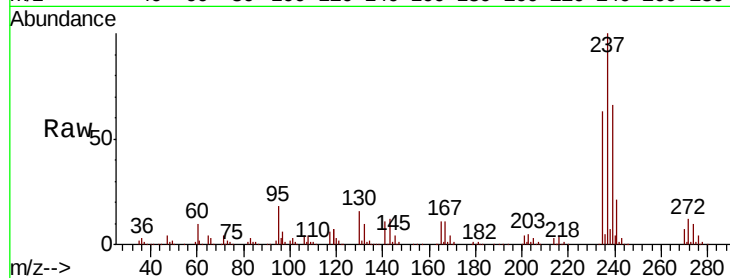
Tgt Ion:237 Resp: 312845

Ion Ratio Lower Upper

237 100

235 63.1 43.3 83.3

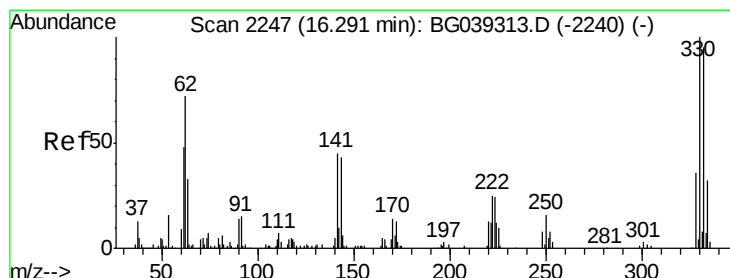
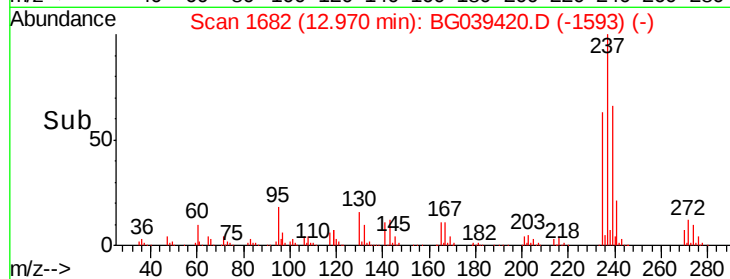
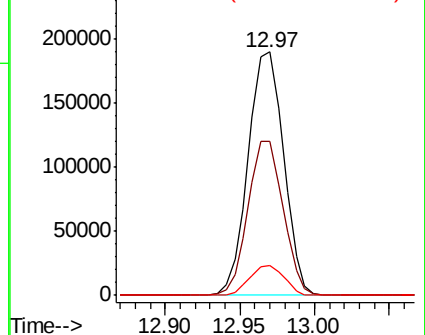
272 12.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 168.374 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

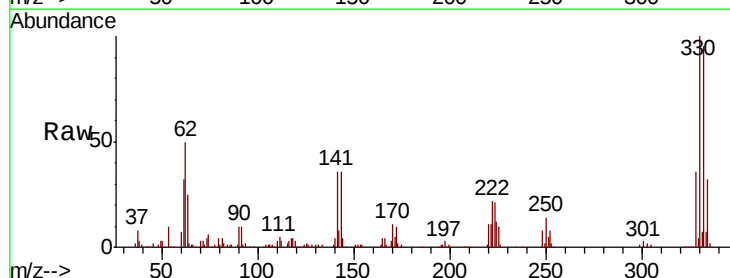
Tgt Ion:330 Resp: 301156

Ion Ratio Lower Upper

330 100

332 94.8 75.7 113.5

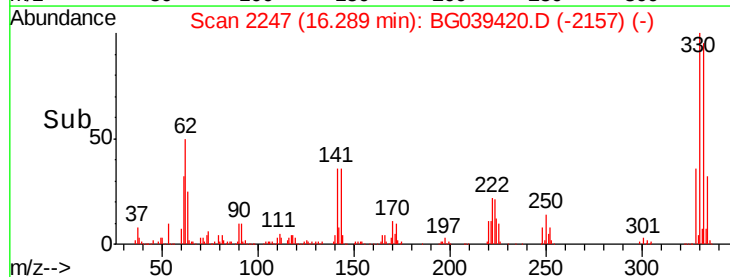
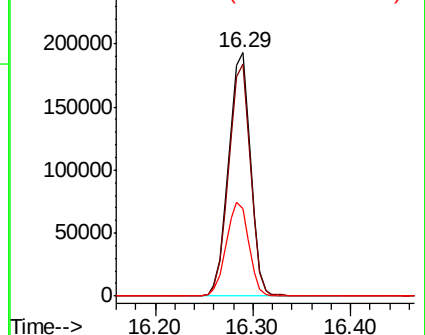
141 39.9 35.6 53.4

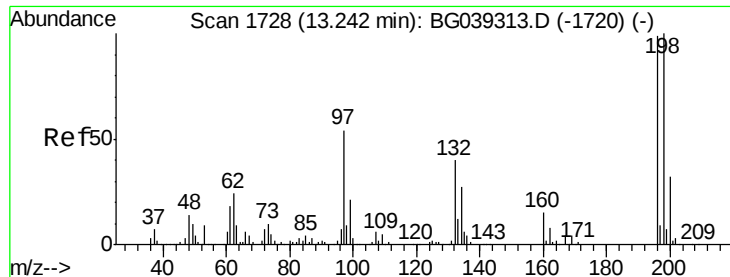


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

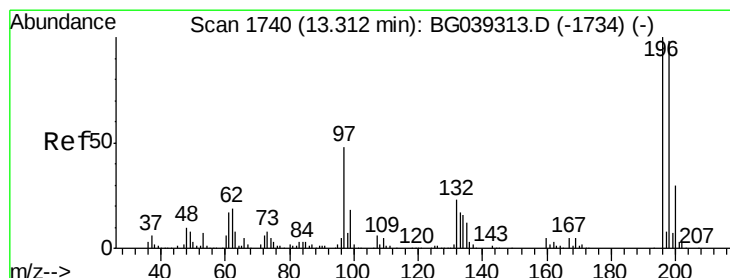
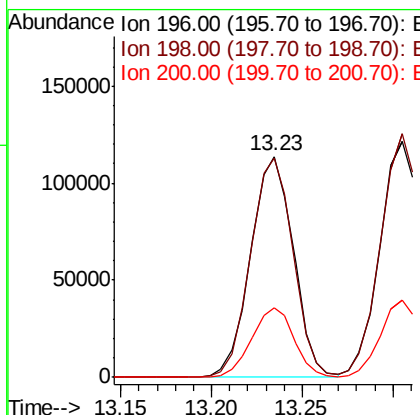
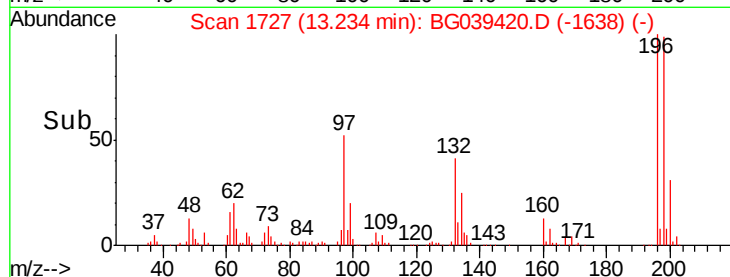
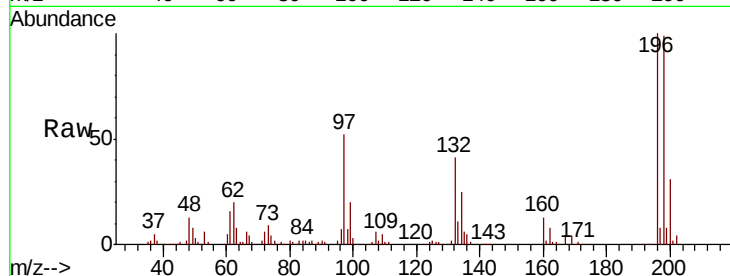




#43
 2,4,6-Trichlorophenol
 Concen: 57.261 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

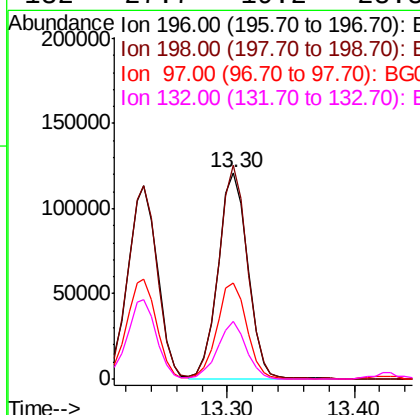
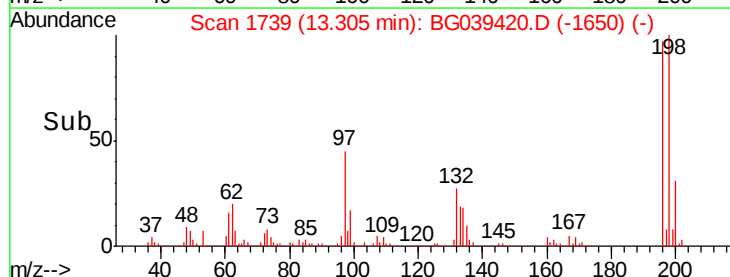
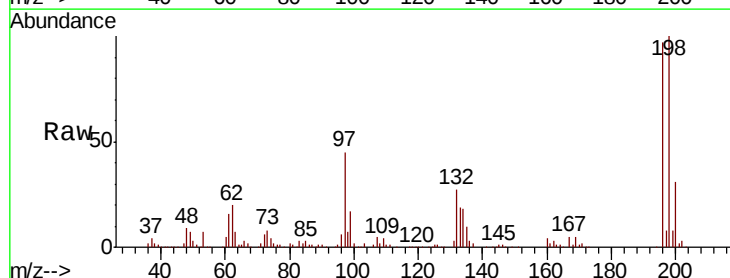
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

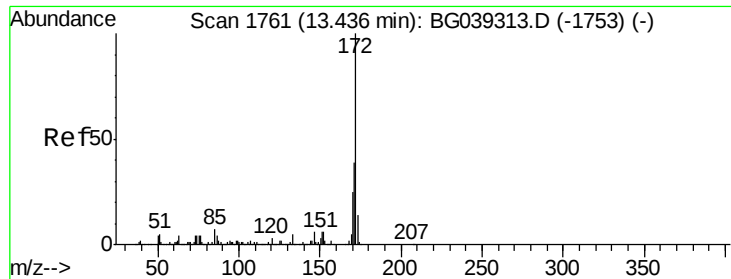
Tgt Ion:196 Resp: 186064
 Ion Ratio Lower Upper
 196 100
 198 99.5 80.6 121.0
 200 31.3 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 57.613 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion:196 Resp: 196208
 Ion Ratio Lower Upper
 196 100
 198 103.4 78.5 117.7
 97 46.4 38.4 57.6
 132 27.7 19.2 28.8

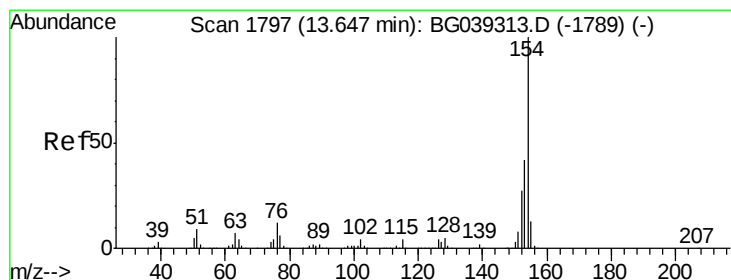
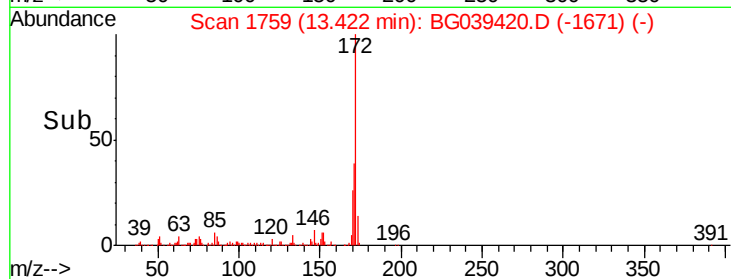
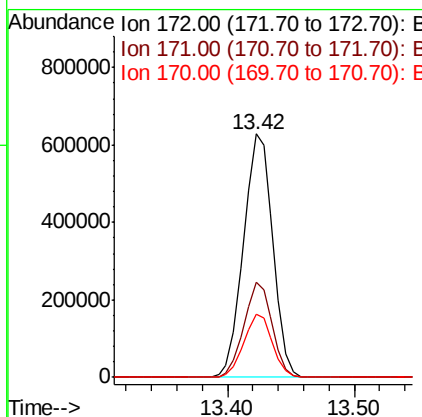
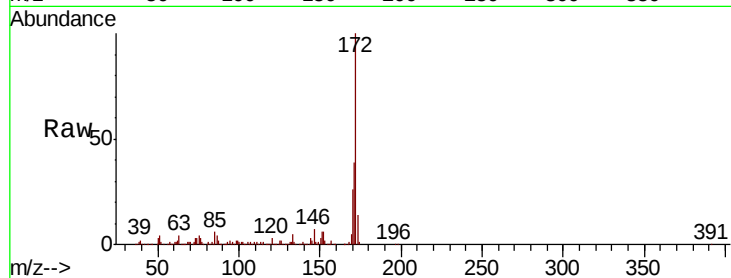




#45
 2-Fluorobiphenyl
 Concen: 86.905 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

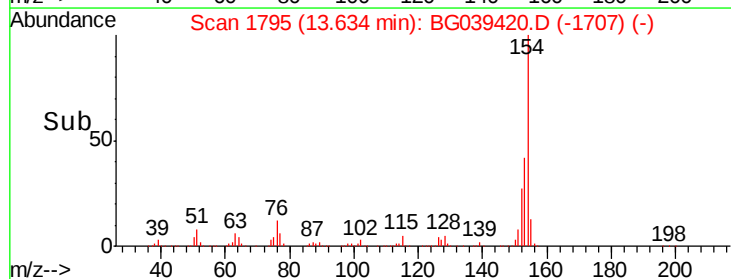
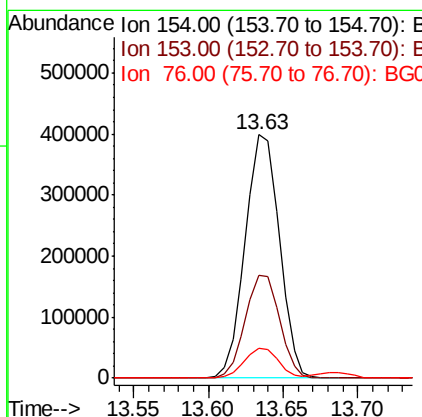
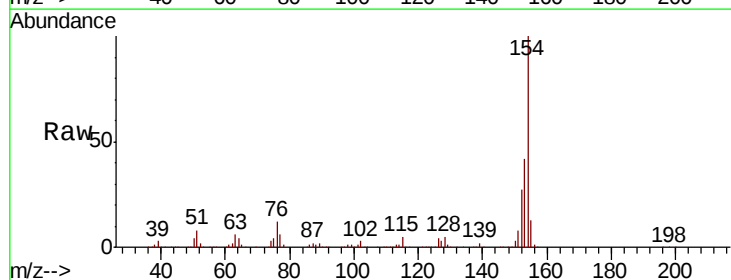
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

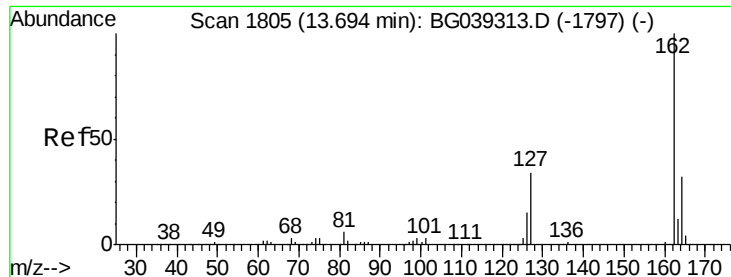
Tgt Ion:172 Resp: 1006239
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.8 46.2
 170 25.9 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 45.858 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion:154 Resp: 633753
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 12.2 0.0 32.4

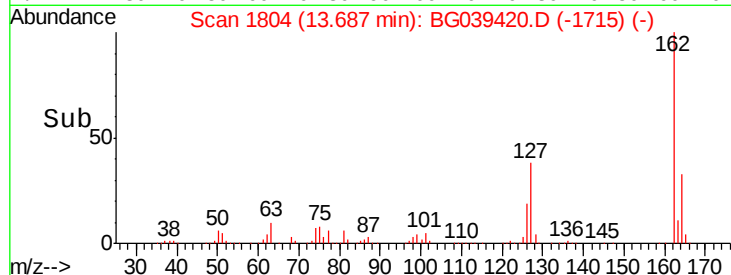
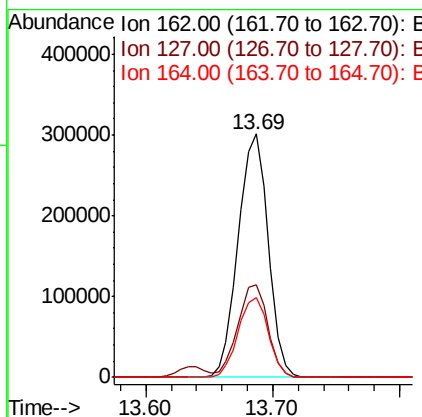
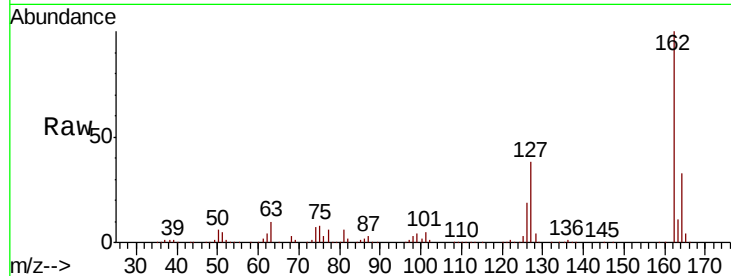




#47
 2-Chloronaphthalene
 Concen: 47.586 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

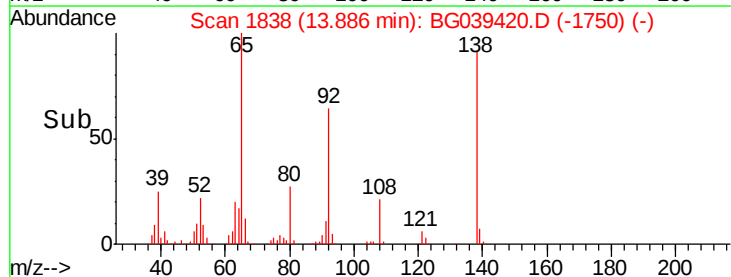
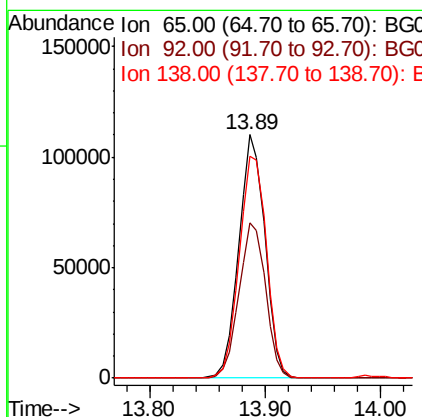
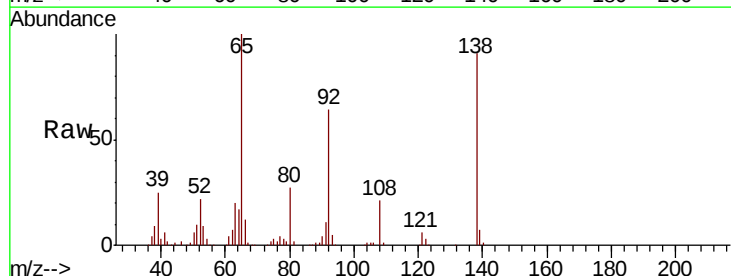
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

Tgt Ion: 162 Resp: 494722
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 32.8 25.7 38.5



#48
 2-Nitroaniline
 Concen: 56.076 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion: 65 Resp: 172513
 Ion Ratio Lower Upper
 65 100
 92 64.0 51.4 77.2
 138 91.1 71.4 107.2





#49

Acenaphthylene

Concen: 49.876 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

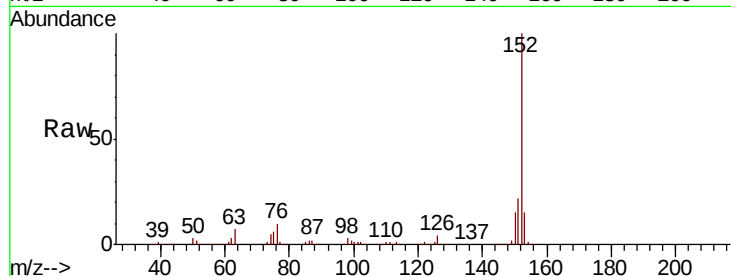
Tgt Ion:152 Resp: 782429

Ion Ratio Lower Upper

152 100

151 22.3 16.8 25.2

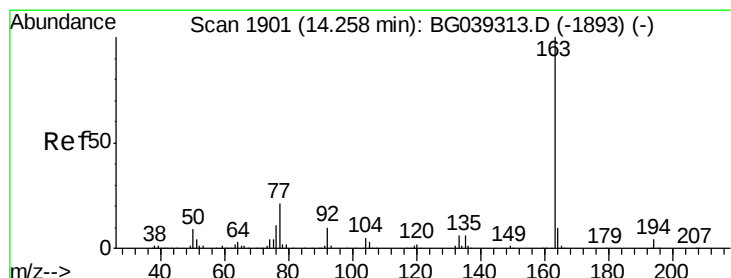
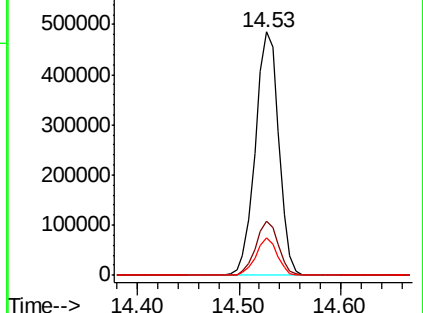
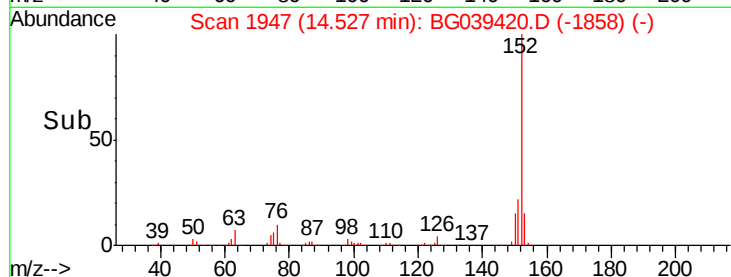
153 15.3 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.513 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

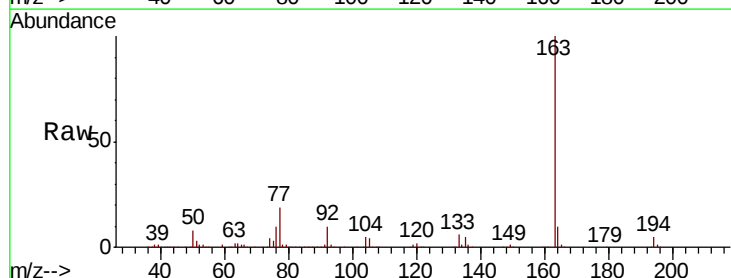
Tgt Ion:163 Resp: 758120

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

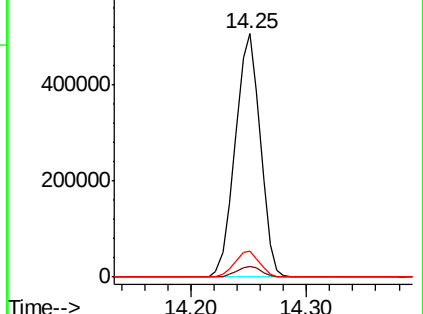
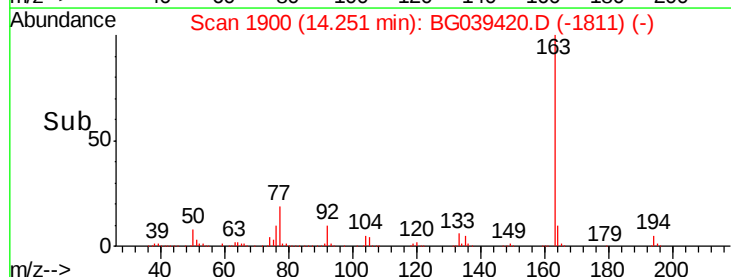
164 10.4 8.4 12.6

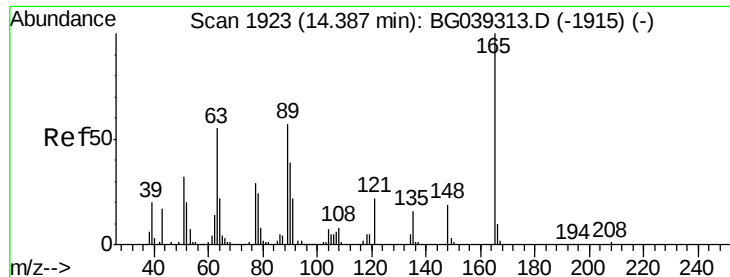


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

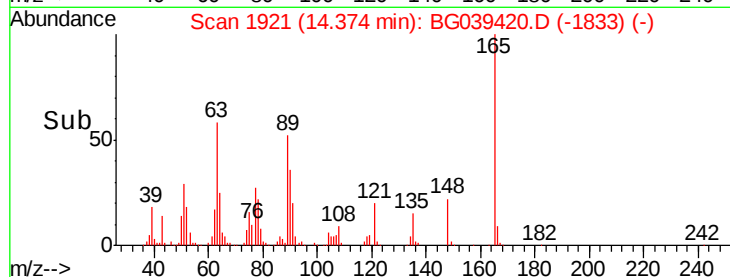
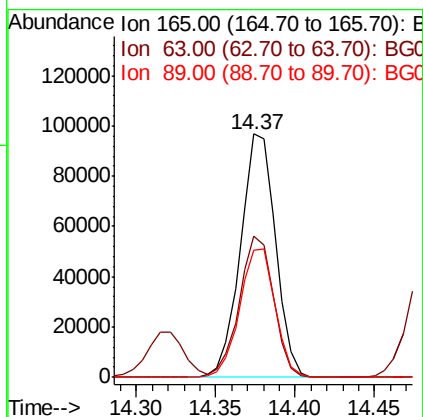
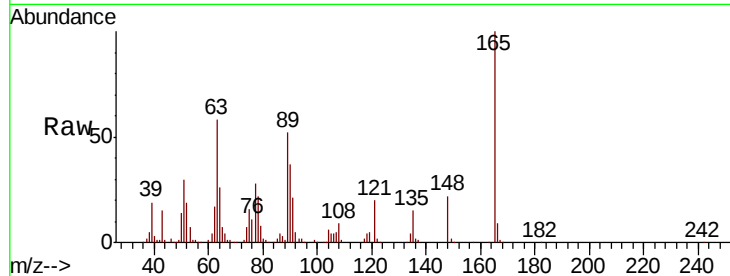




#51
 2,6-Dinitrotoluene
 Concen: 57.650 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

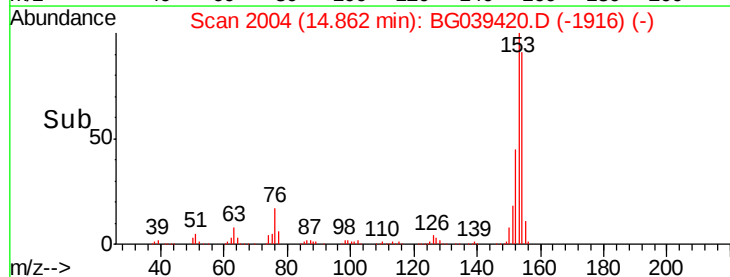
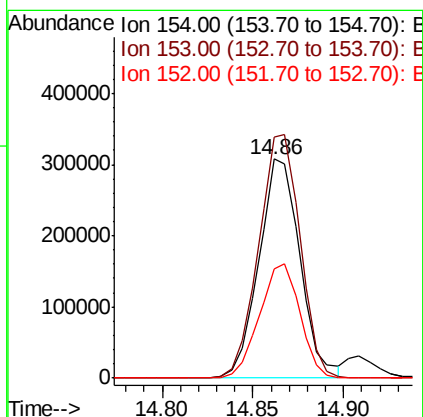
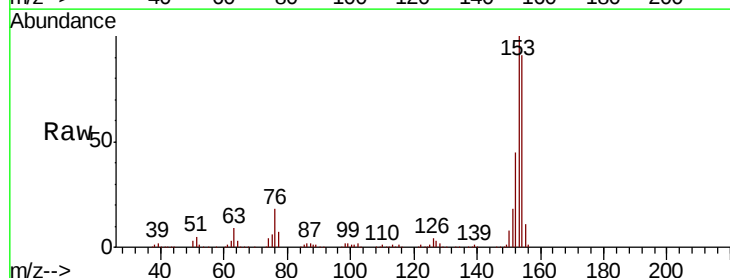
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

Tgt Ion:165 Resp: 148369
 Ion Ratio Lower Upper
 165 100
 63 58.2 47.0 70.6
 89 52.5 45.8 68.8



#52
 Acenaphthene
 Concen: 47.789 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion:154 Resp: 486635
 Ion Ratio Lower Upper
 154 100
 153 110.4 90.1 135.1
 152 50.2 40.9 61.3

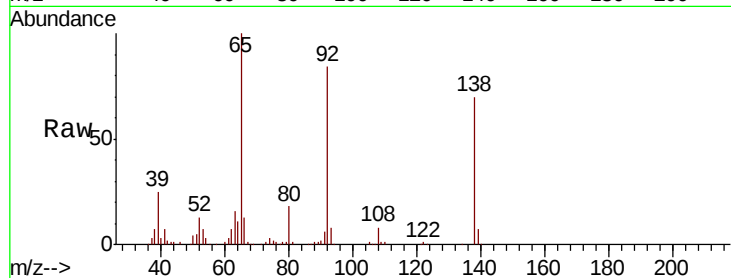




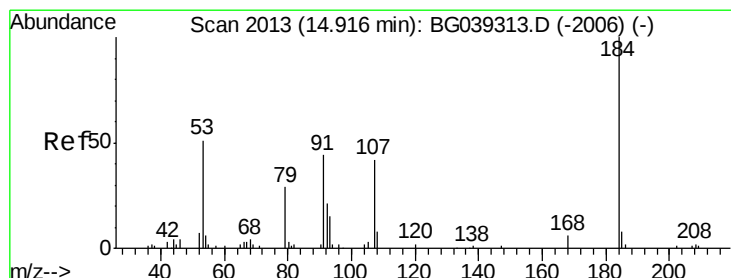
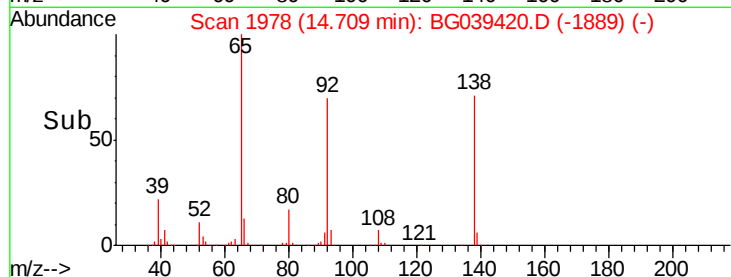
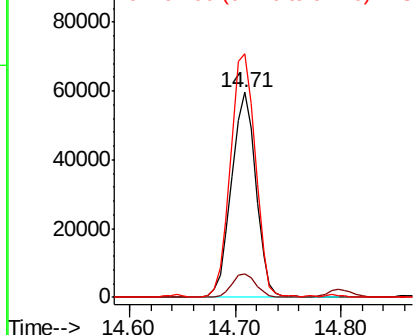
#53
3-Nitroaniline
Concen: 36.715 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

Tgt Ion:138 Resp: 95135
Ion Ratio Lower Upper
138 100
108 11.4 13.8 20.8#
92 119.0 103.7 155.5

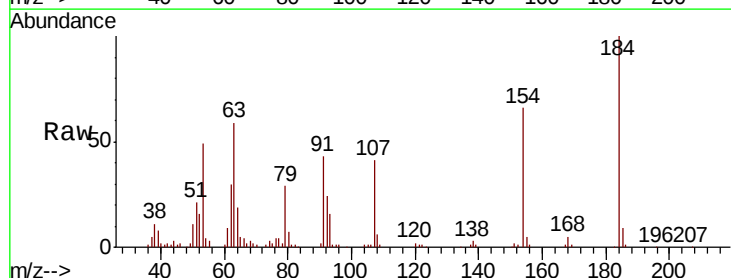


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

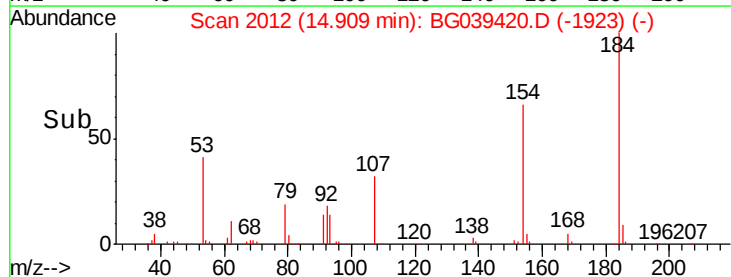
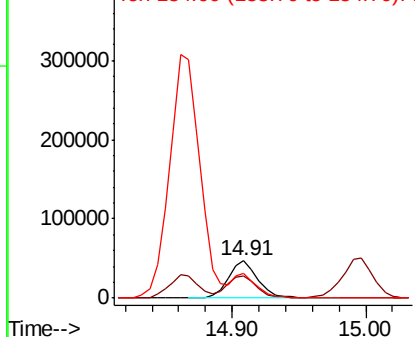


#54
2,4-Dinitrophenol
Concen: 70.290 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion:184 Resp: 73285
Ion Ratio Lower Upper
184 100
63 58.9 50.9 76.3
154 66.0 53.0 79.6



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

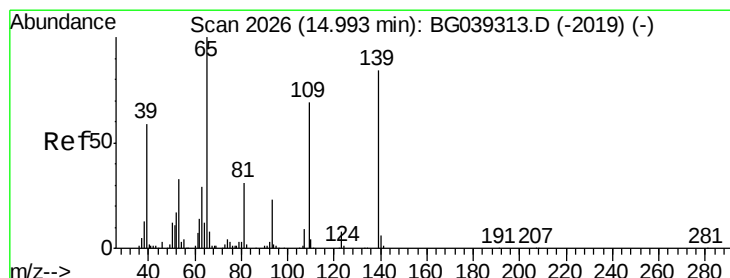
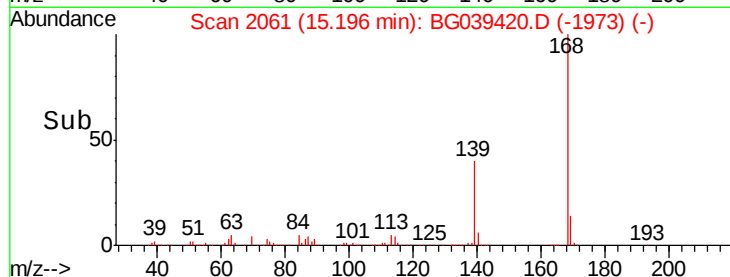
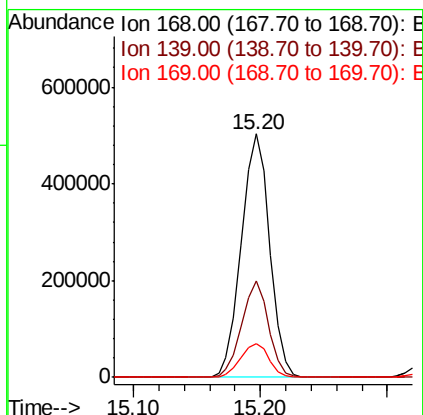
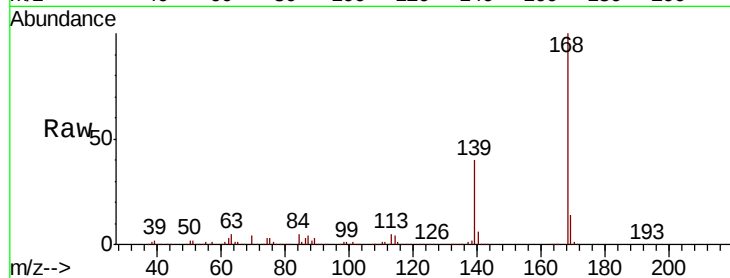




#55
Dibenzenofuran
Concen: 47.592 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

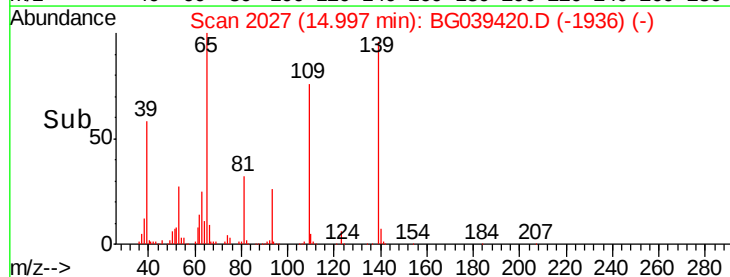
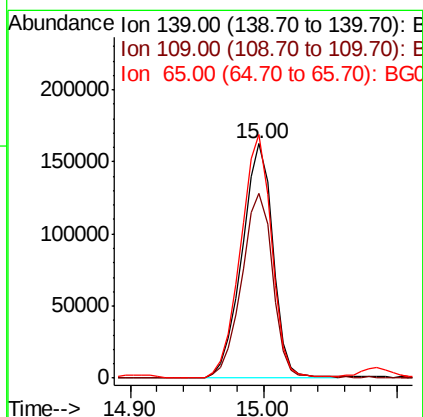
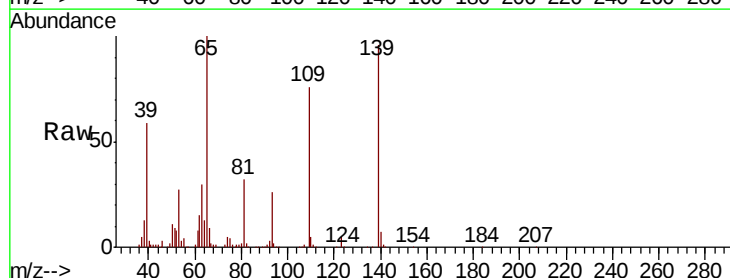
Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

Tgt Ion:168 Resp: 777014
Ion Ratio Lower Upper
168 100
139 39.6 30.1 45.1
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 105.808 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion:139 Resp: 261529
Ion Ratio Lower Upper
139 100
109 78.8 61.9 101.9
65 103.9 99.1 139.1

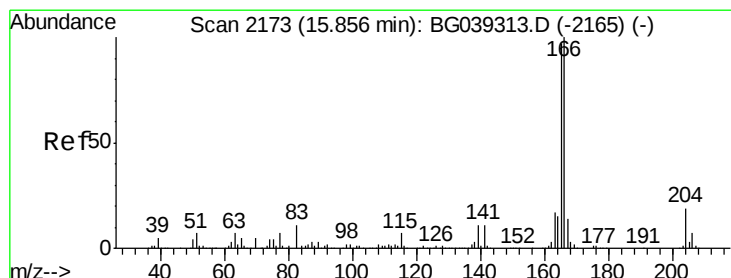
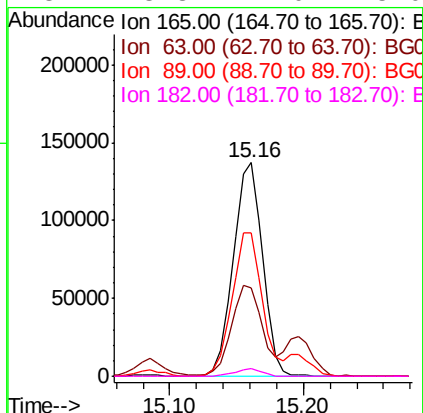
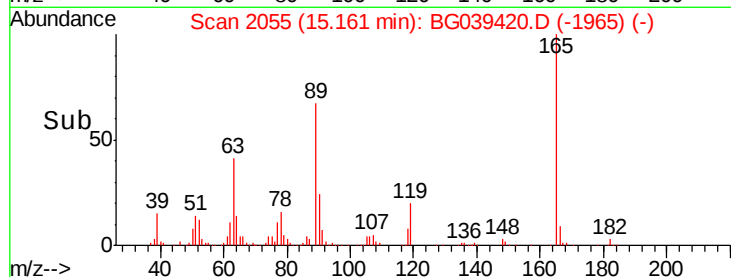
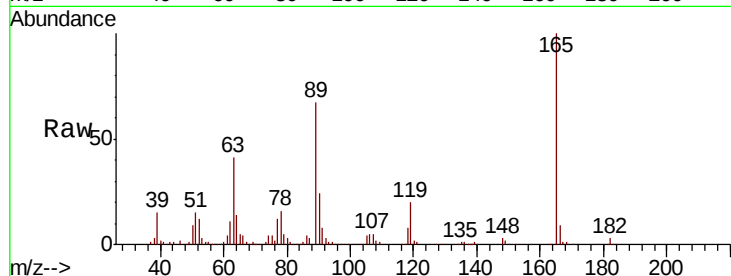




#57
2,4-Dinitrotoluene
Concen: 62.097 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

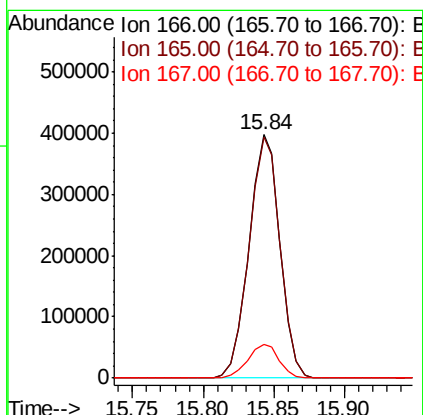
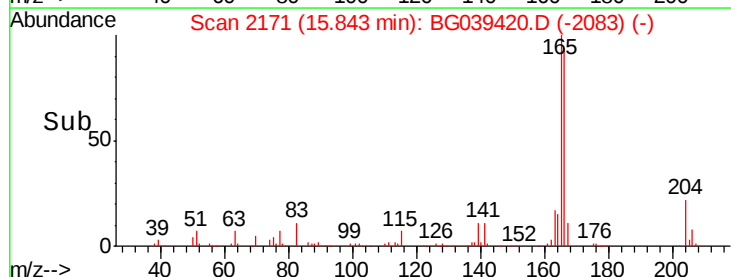
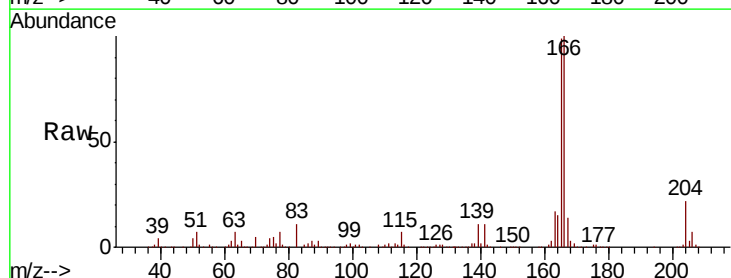
Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

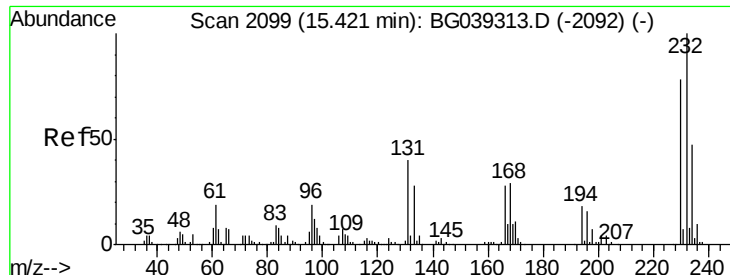
Tgt Ion:165 Resp: 208248
Ion Ratio Lower Upper
165 100
63 41.4 41.0 61.6
89 67.2 64.6 96.8
182 3.3 2.0 3.0#



#58
Fluorene
Concen: 50.031 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion:166 Resp: 608928
Ion Ratio Lower Upper
166 100
165 98.8 77.9 116.9
167 13.9 10.8 16.2

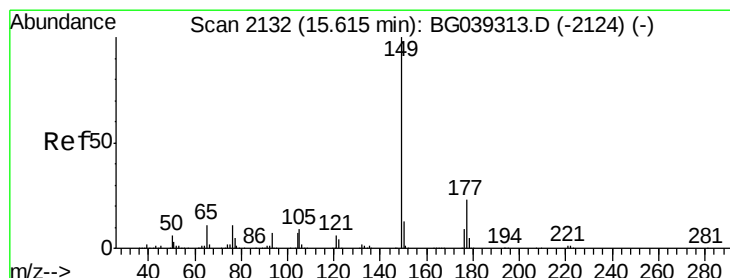
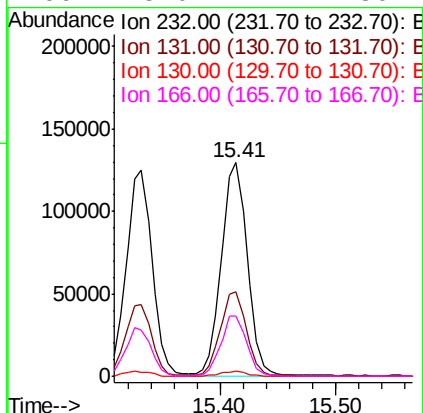
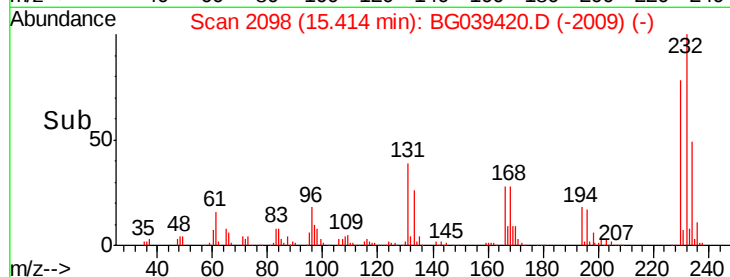
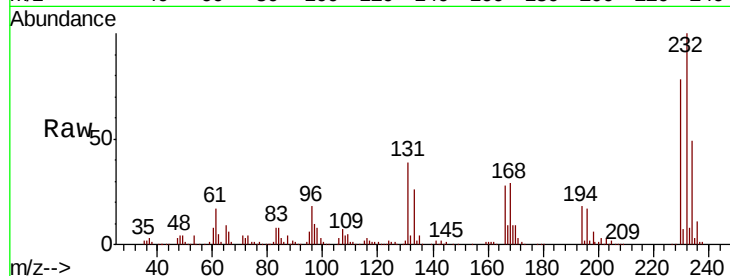




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 63.445 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

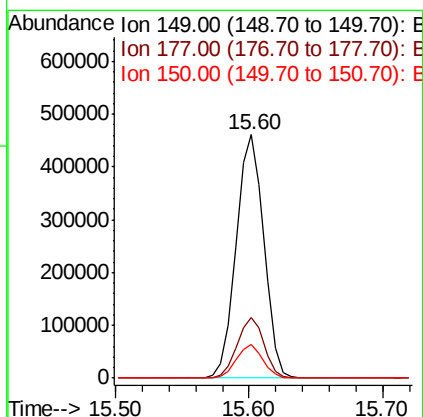
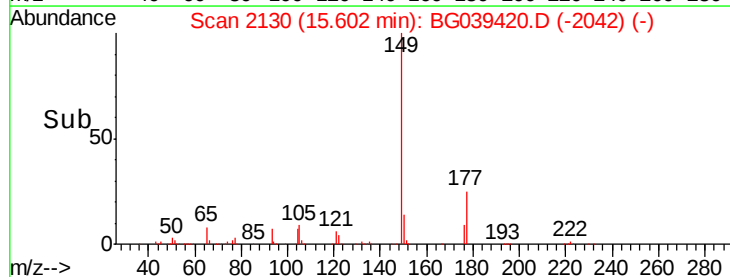
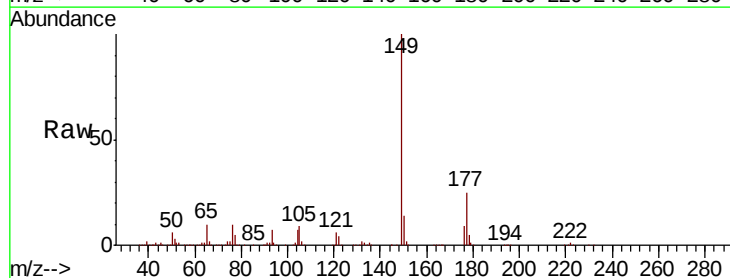
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

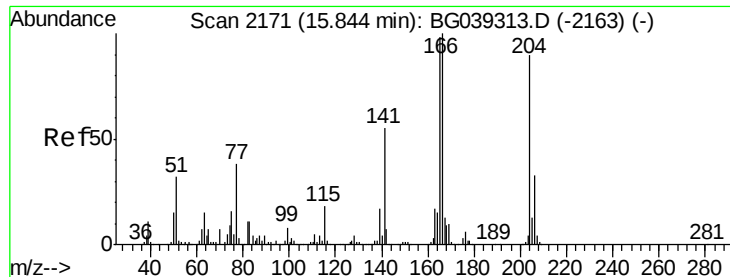
Tgt Ion:	232	Resp:	202310
Ion	Ratio	Lower	Upper
232	100		
131	39.8	34.9	52.3
130	2.2	2.0	3.0
166	28.0	24.1	36.1



#60
 Diethylphthalate
 Concen: 47.663 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion:	149	Resp:	661083
Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.3	27.5
150	13.8	10.2	15.2

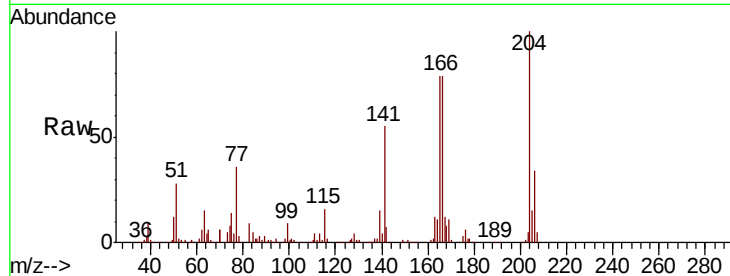




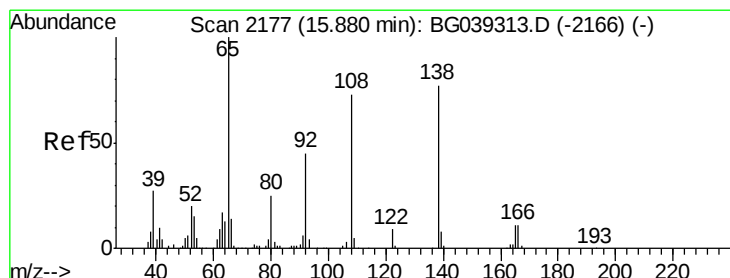
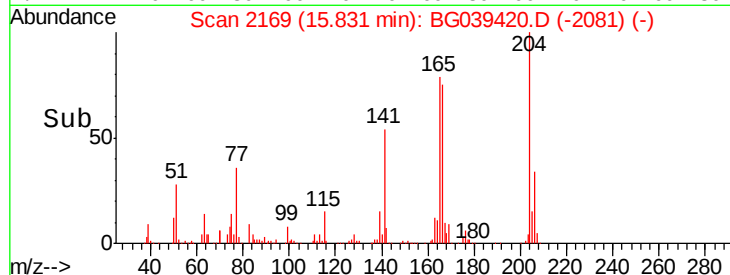
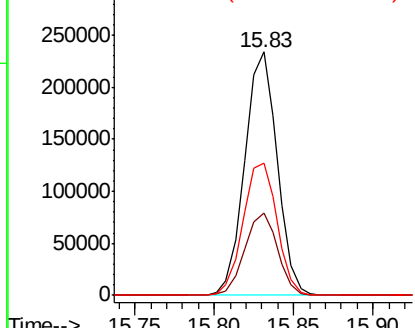
#61
 4-Chlorophenyl-phenylether
 Concen: 48.172 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

Tgt Ion: 204 Resp: 331981
 Ion Ratio Lower Upper
 204 100
 206 34.0 29.2 43.8
 141 54.5 49.0 73.4

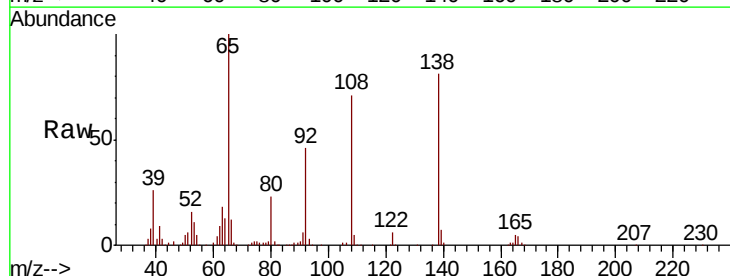


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

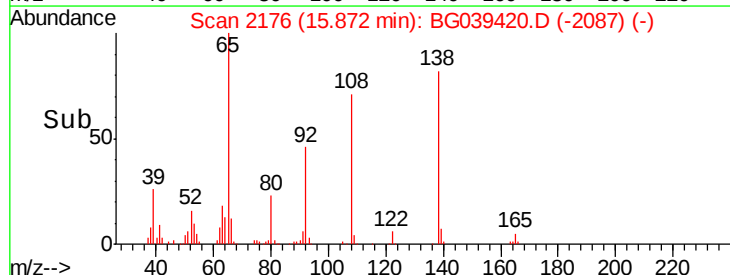
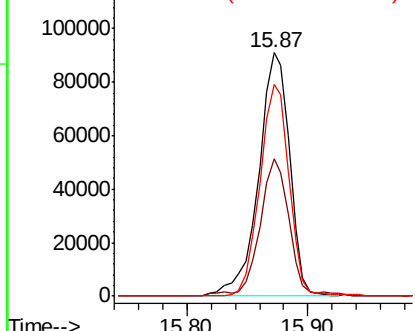


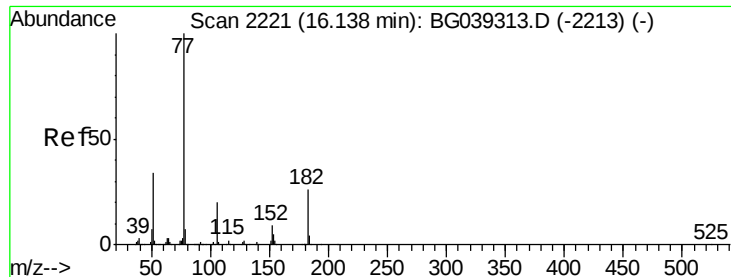
#62
 4-Nitroaniline
 Concen: 56.577 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion: 138 Resp: 161470
 Ion Ratio Lower Upper
 138 100
 92 56.2 38.7 78.7
 108 87.1 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.415 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tgt Ion: 77 Resp: 588556

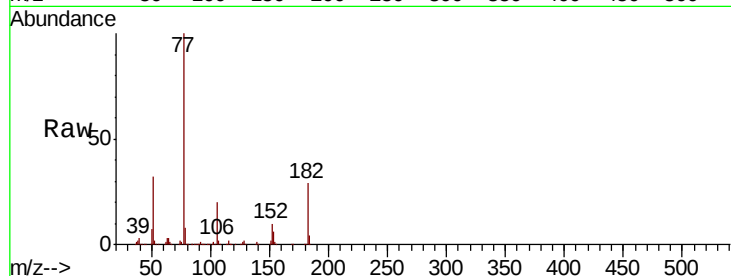
Ion Ratio Lower Upper

77 100

182 29.5 6.4 46.4

105 20.4 0.0 39.8

51 32.1 14.1 54.1

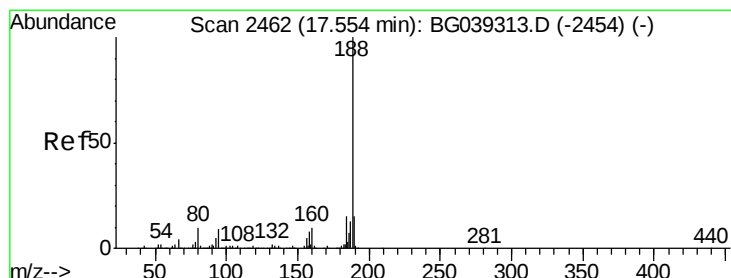
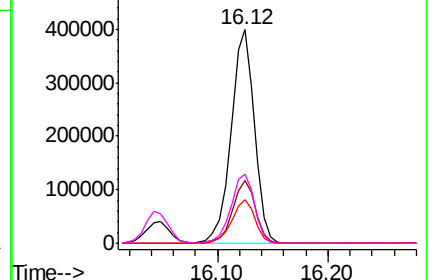
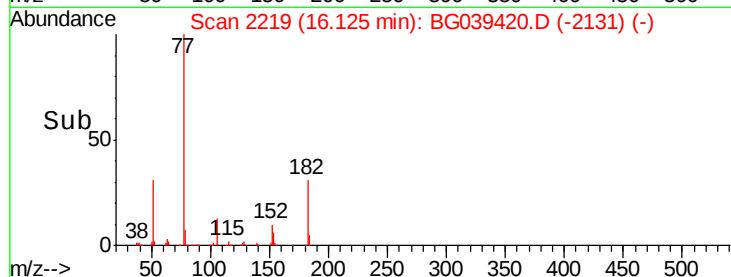


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

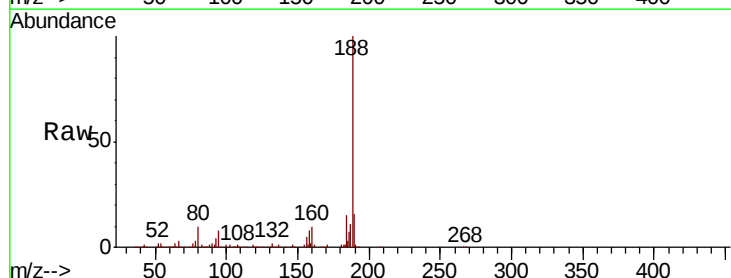
Tgt Ion: 188 Resp: 401603

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

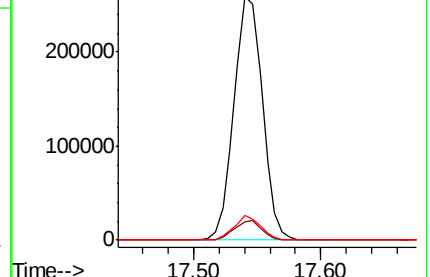
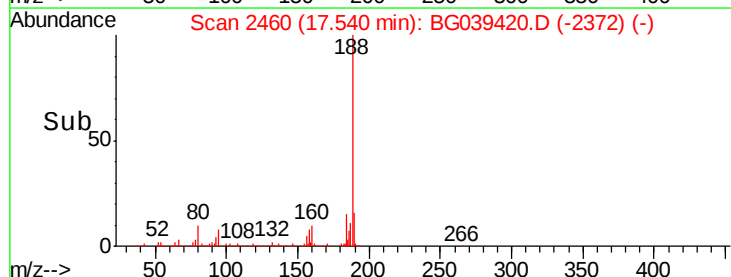
80 10.2 8.1 12.1

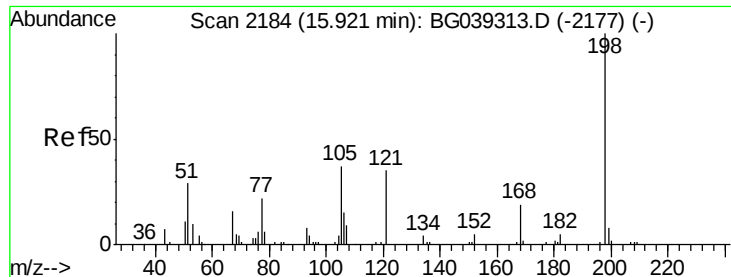


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 61.610 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

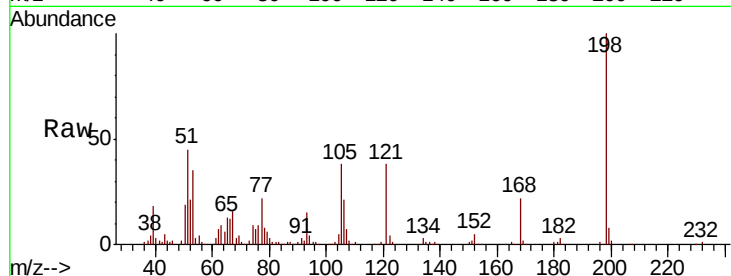
Tgt Ion:198 Resp: 108401

Ion Ratio Lower Upper

198 100

51 44.6 27.4 67.4

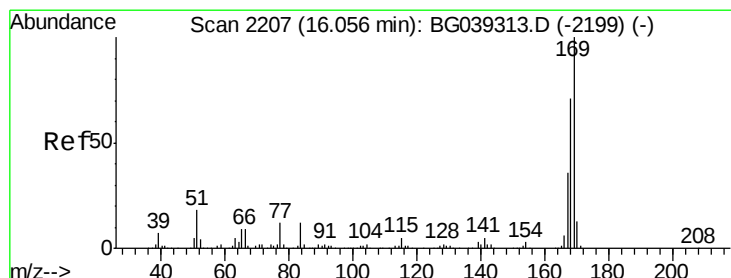
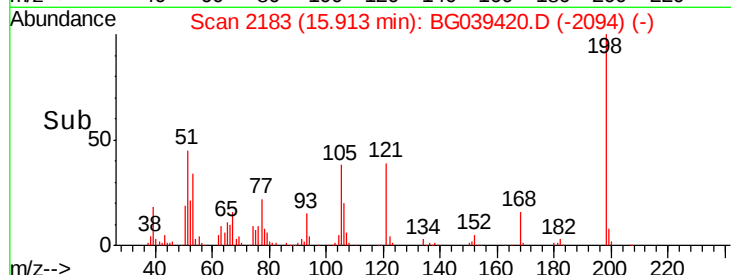
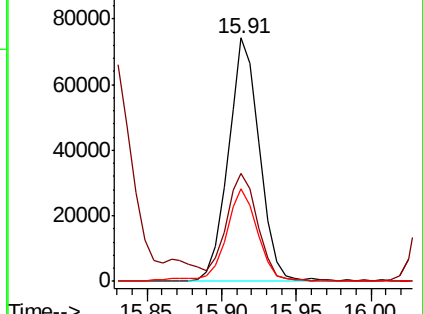
105 38.0 19.7 59.7



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: 47.469 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

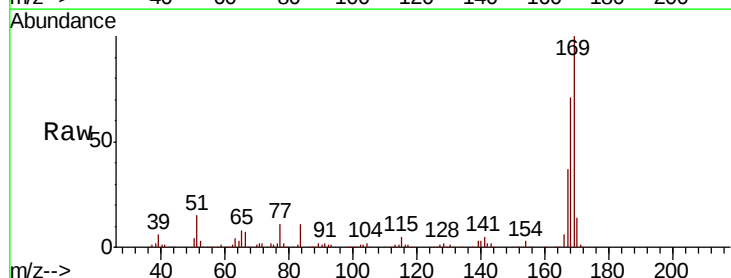
Tgt Ion:169 Resp: 579667

Ion Ratio Lower Upper

169 100

168 71.0 56.6 85.0

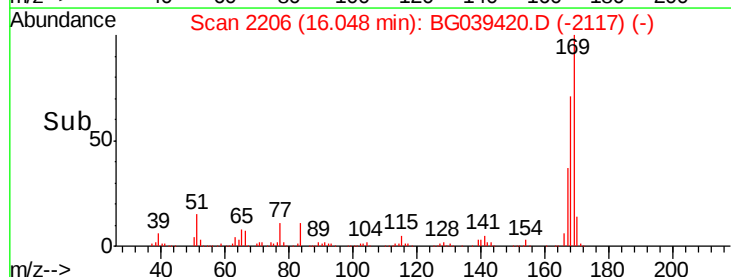
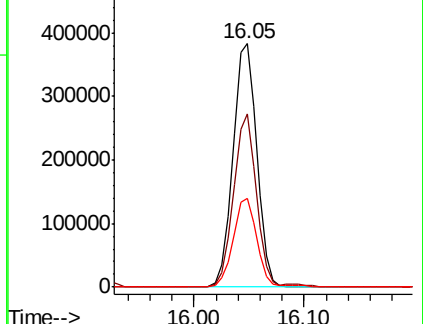
167 36.5 28.8 43.2

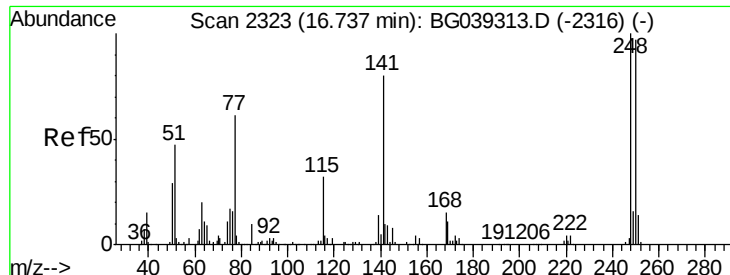


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

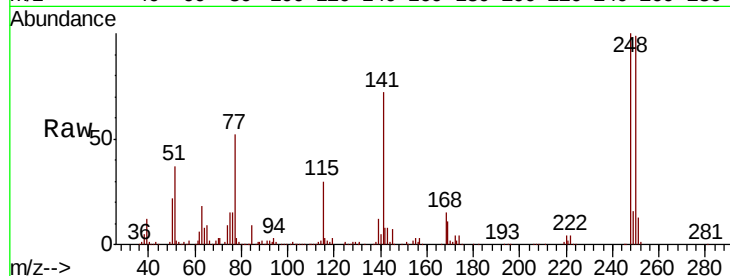




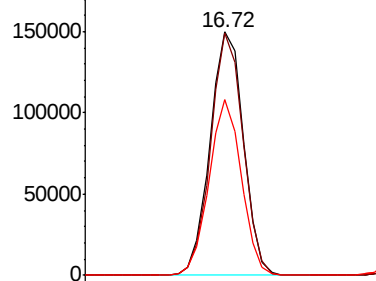
#67
4-Bromophenyl-phenylether
Concen: 49.080 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

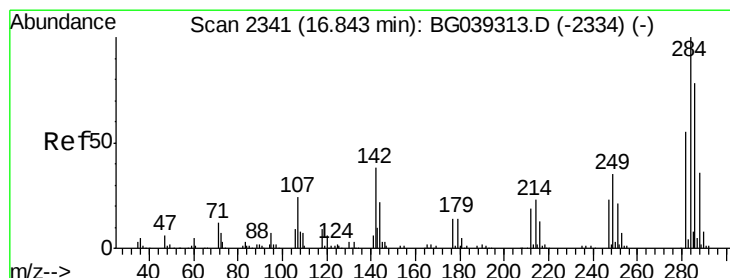
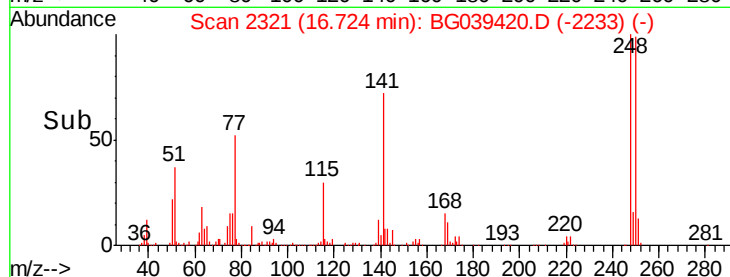
Tgt Ion:248 Resp: 218667
Ion Ratio Lower Upper
248 100
250 99.4 77.6 116.4
141 72.3 63.9 95.9



Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

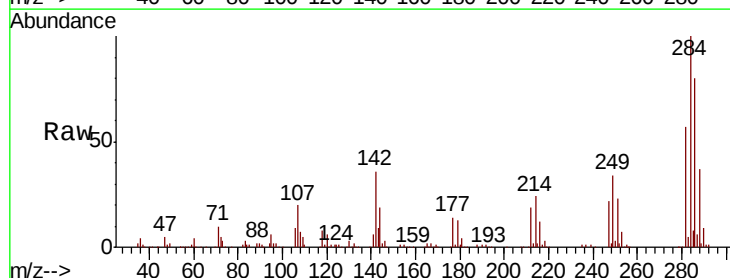


Time--> 16.65 16.70 16.75 16.80

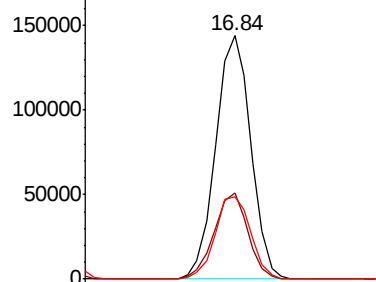


#68
Hexachlorobenzene
Concen: 49.353 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

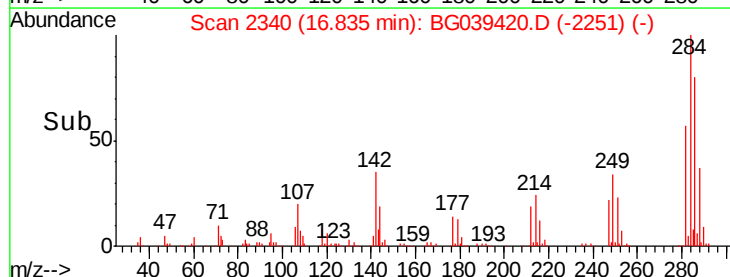
Tgt Ion:284 Resp: 220611
Ion Ratio Lower Upper
284 100
142 35.6 30.6 45.8
249 34.1 28.2 42.2

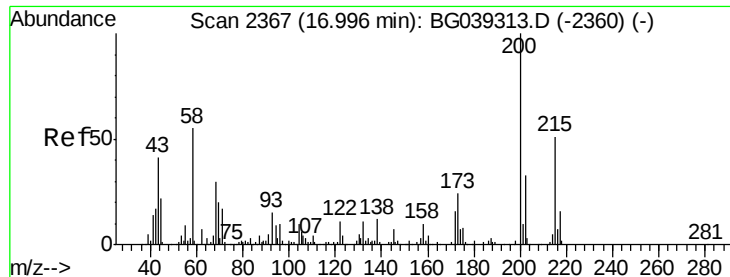


Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time--> 16.75 16.80 16.85 16.90





#69

Atrazine

Concen: 52.336 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

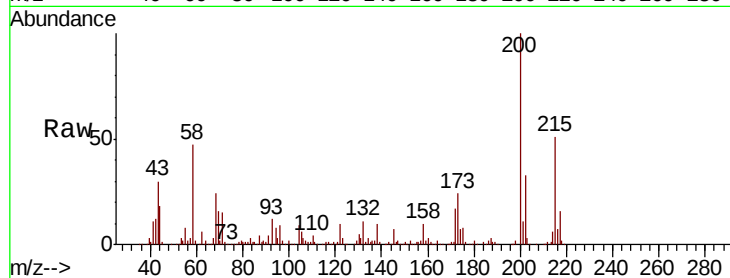
Tgt Ion:200 Resp: 233551

Ion Ratio Lower Upper

200 100

173 23.6 3.9 43.9

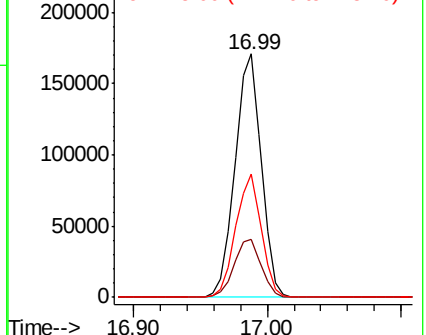
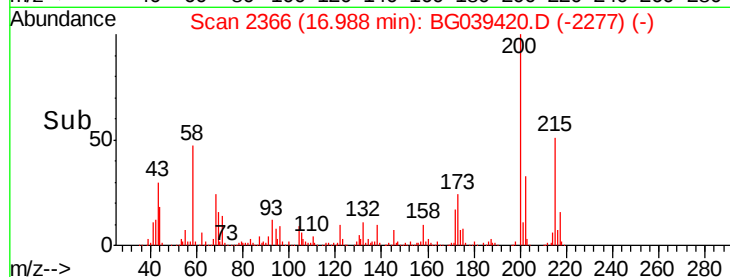
215 50.8 30.9 70.9



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: 95.881 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

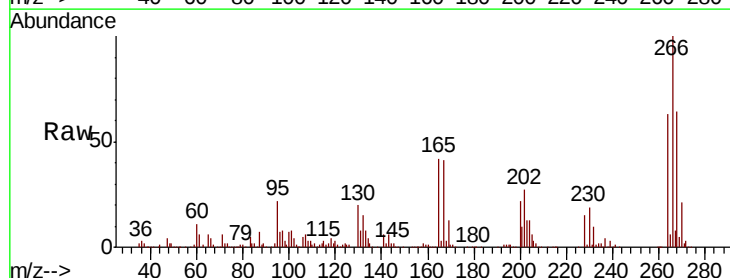
Tgt Ion:266 Resp: 297879

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

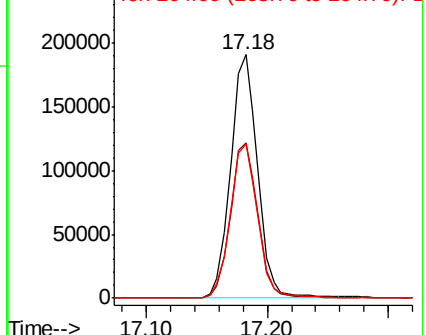
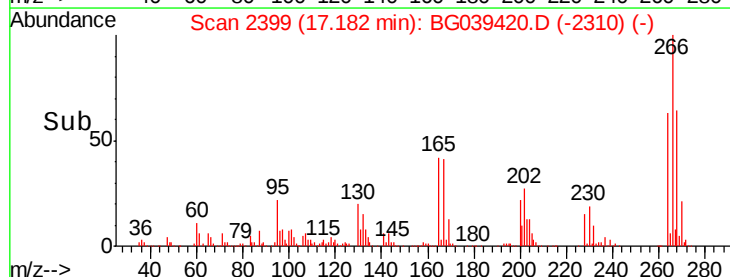
264 63.5 52.1 78.1

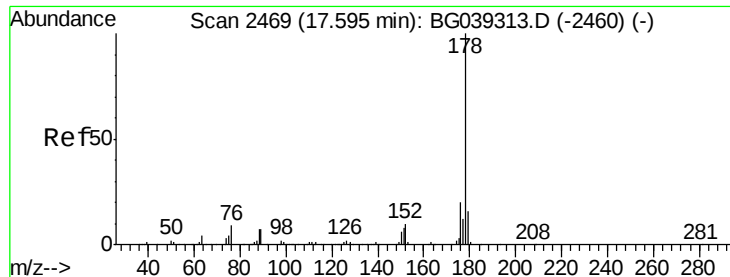


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.985 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

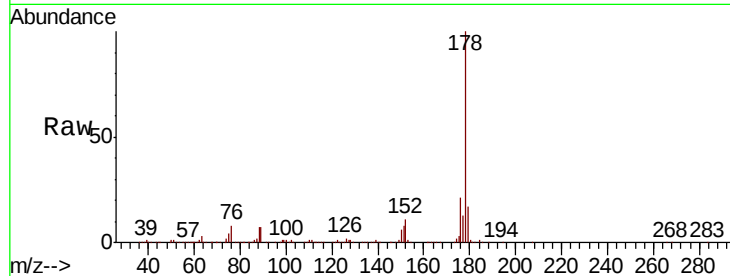
Tgt Ion:178 Resp: 1018197

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

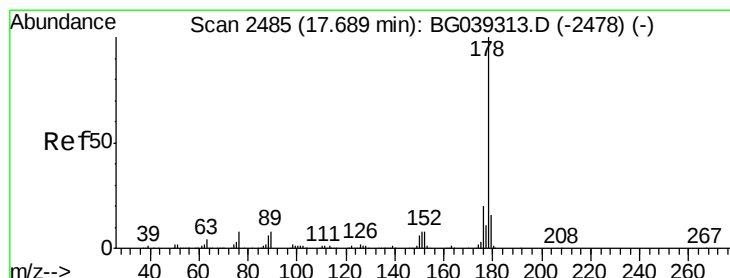
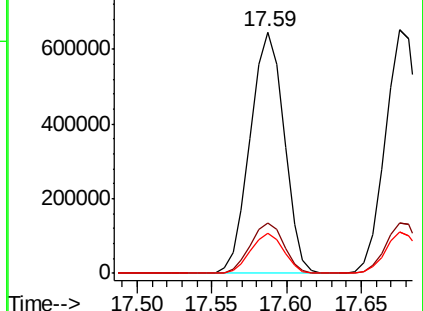
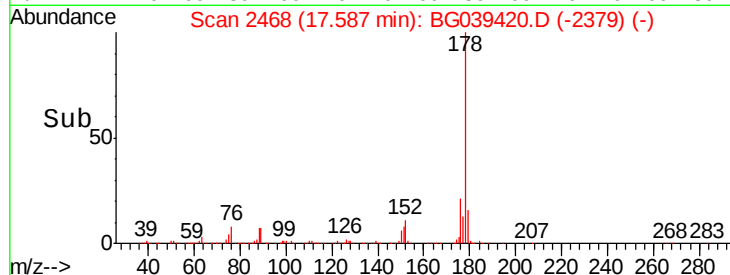
179 16.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.353 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

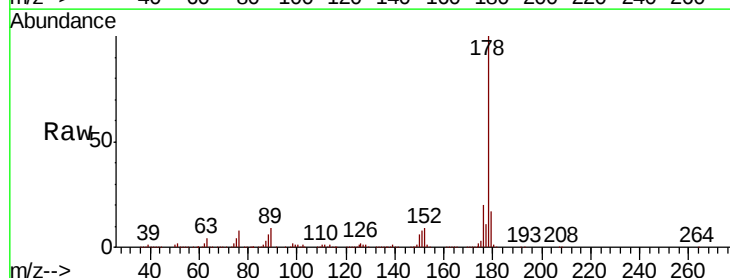
Tgt Ion:178 Resp: 1030936

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

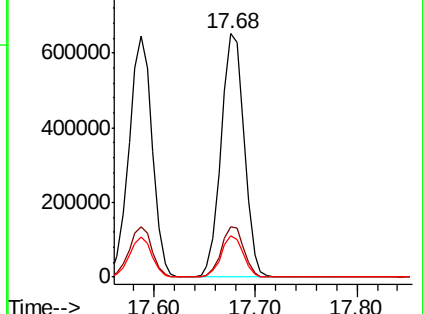
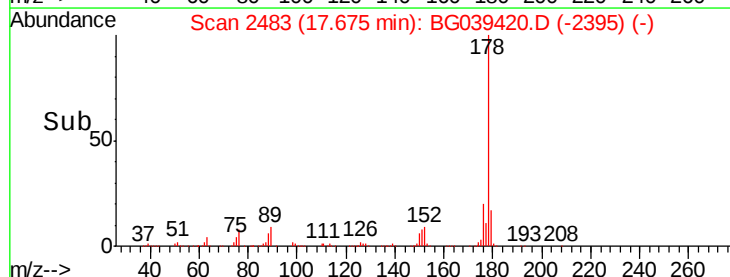
179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

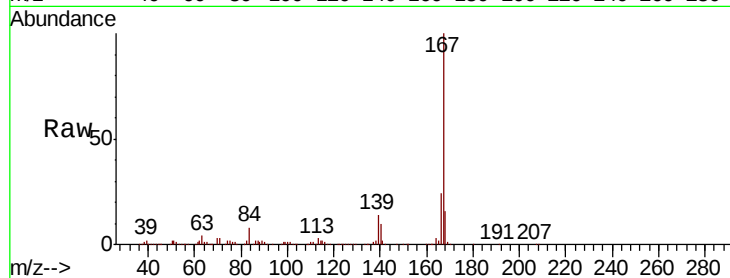




#73
 Carbazole
 Concen: 45.947 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.4	29.2
139	14.1	10.8	16.2

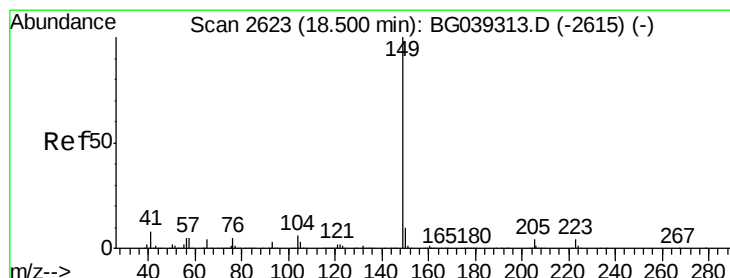
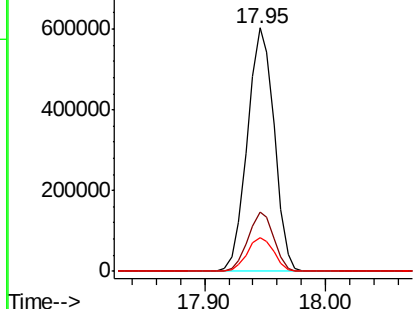
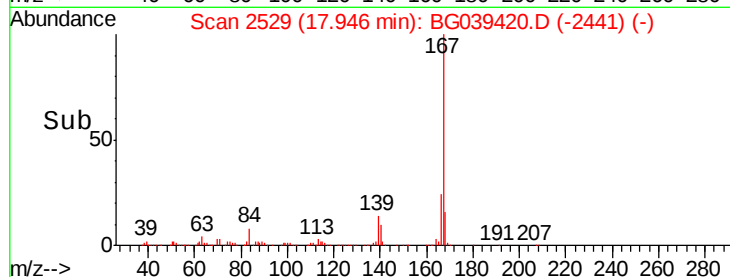


Abundance

Ion 167.00 (166.70 to 167.70): E

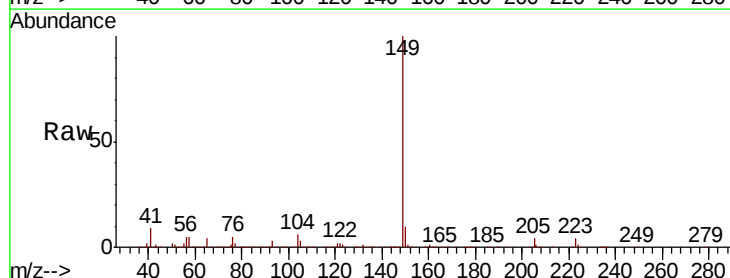
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 45.594 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.9	4.5	6.7

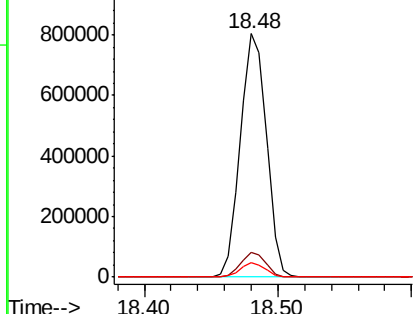
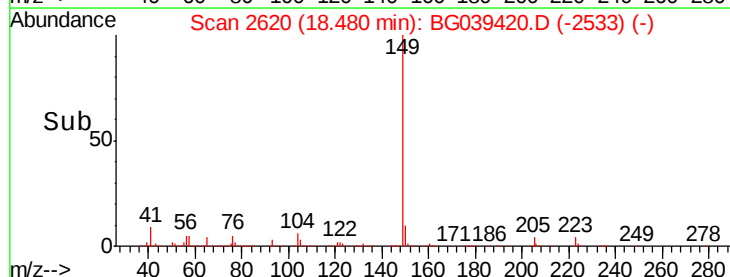


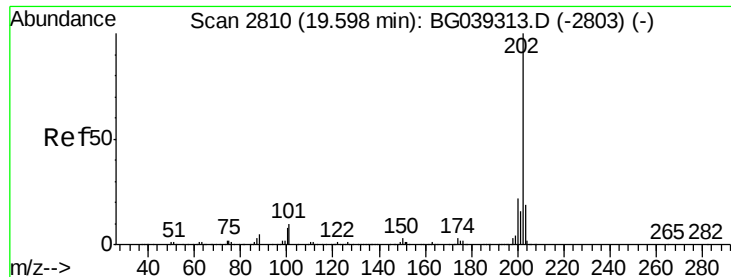
Abundance

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: 49.969 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

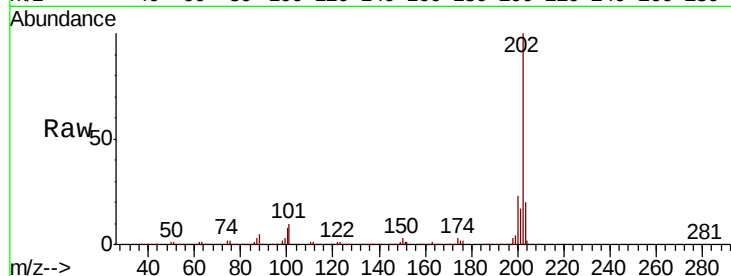
Tgt Ion:202 Resp: 1205539

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

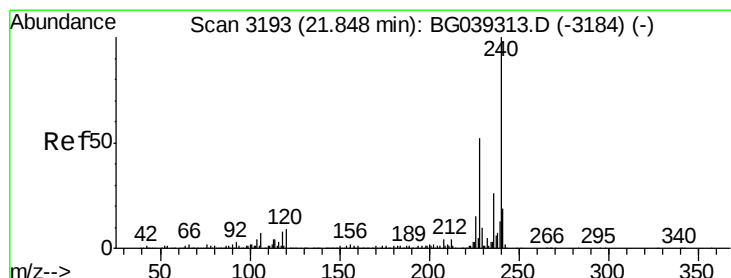
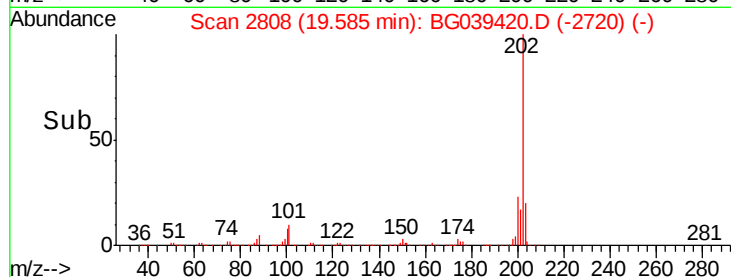
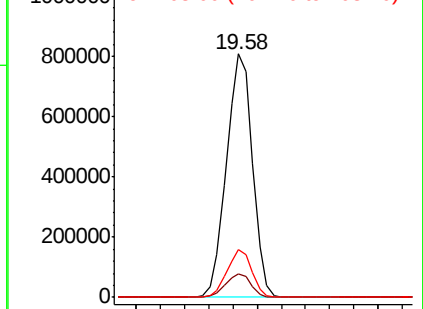
203 19.5 0.0 38.9



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: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

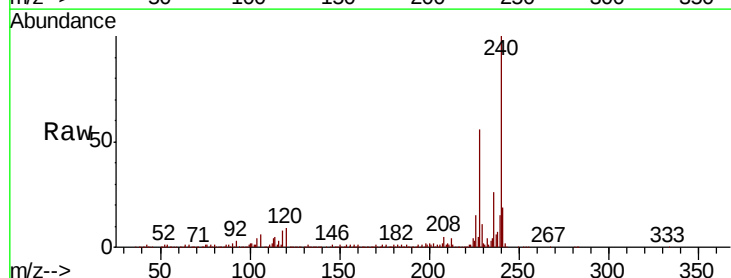
Tgt Ion:240 Resp: 405412

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

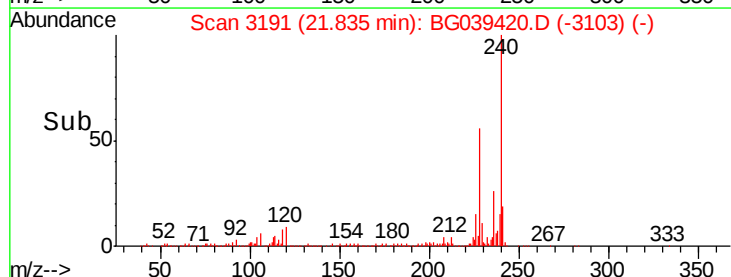
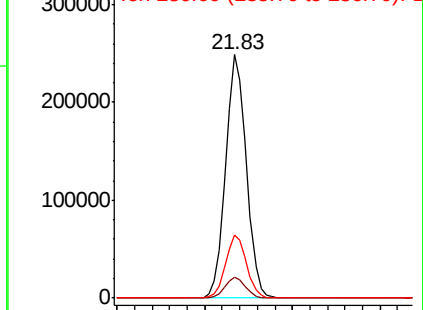
236 25.9 21.0 31.4

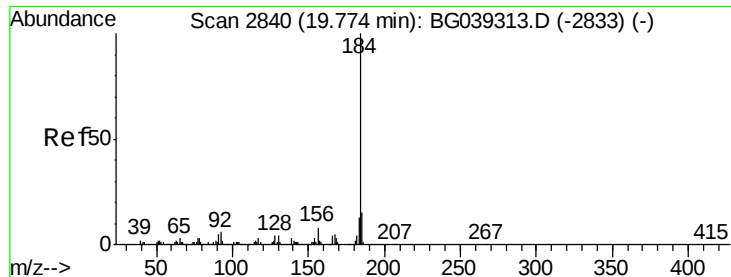


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.339 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

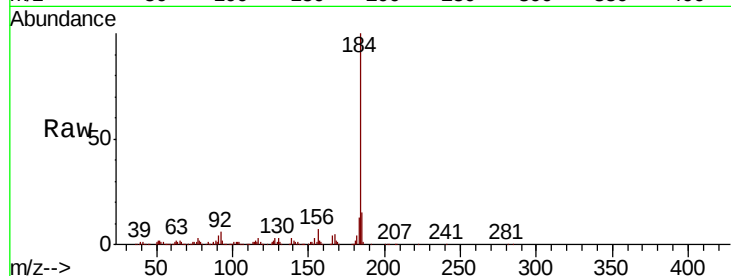
Tgt Ion:184 Resp: 443135

Ion Ratio Lower Upper

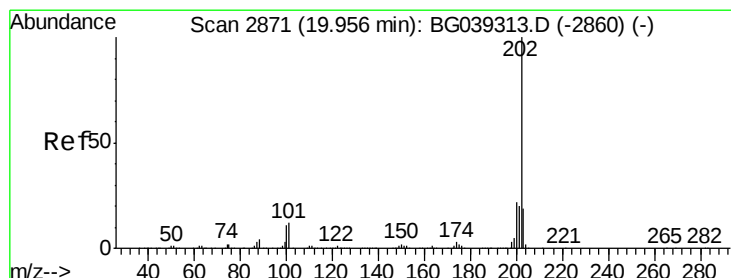
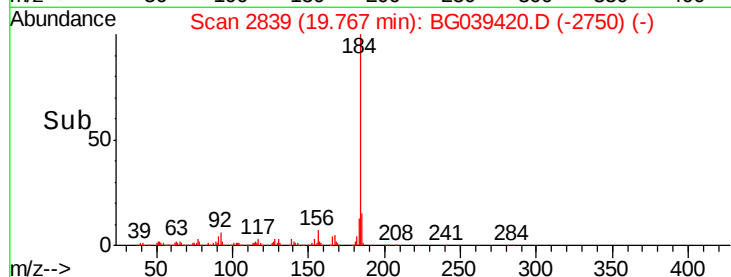
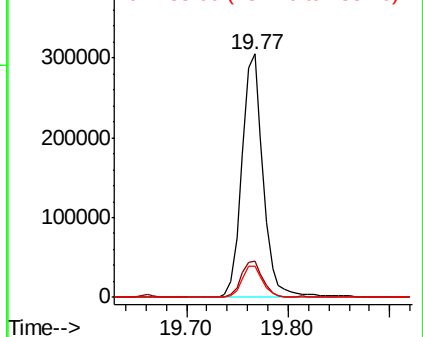
184 100

185 15.1 12.2 18.2

183 12.9 10.6 15.8



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: 47.819 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

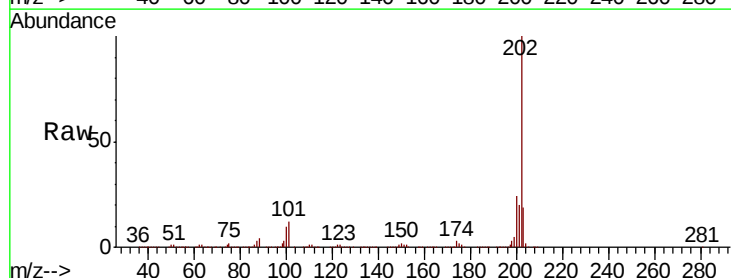
Tgt Ion:202 Resp: 1206863

Ion Ratio Lower Upper

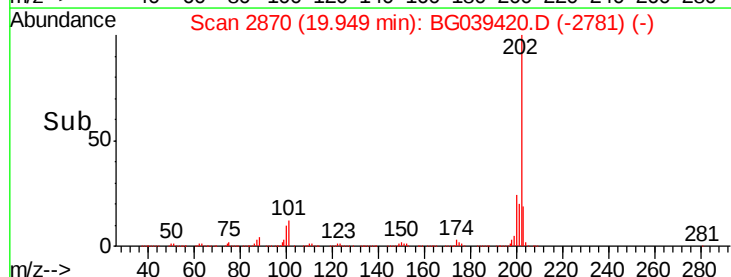
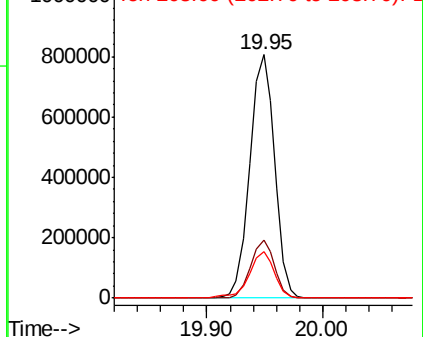
202 100

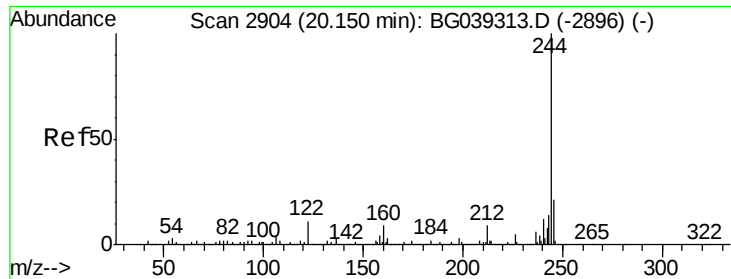
200 24.0 17.8 26.8

203 19.0 15.3 22.9



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: 80.812 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

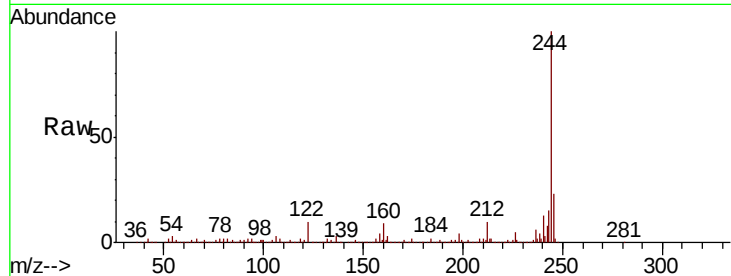
Tgt Ion:244 Resp: 1547798

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

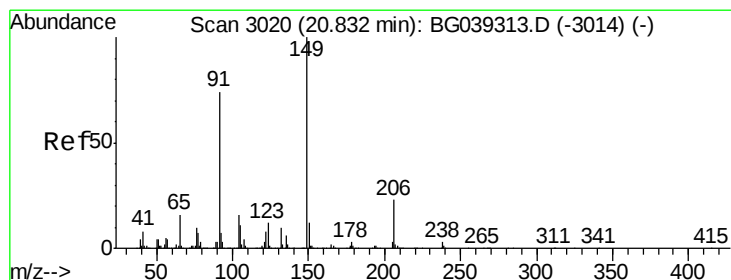
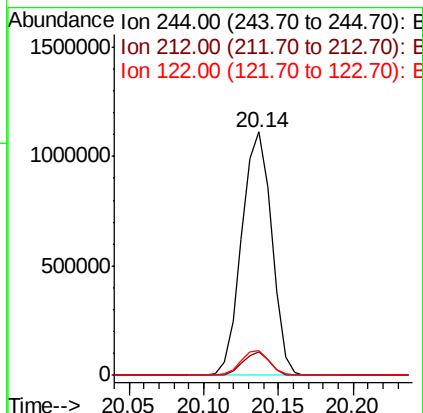
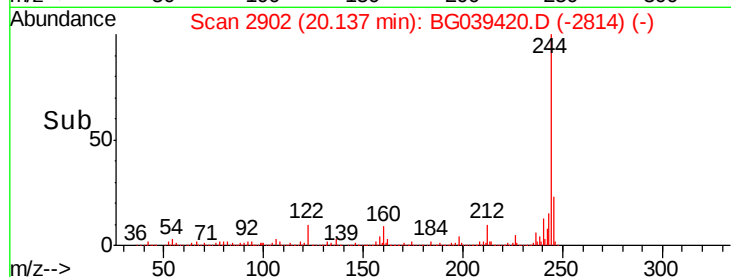
122 10.0 8.4 12.6



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: 49.482 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

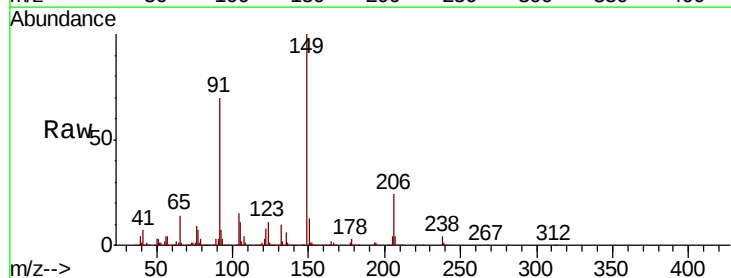
Tgt Ion:149 Resp: 526798

Ion Ratio Lower Upper

149 100

91 69.8 59.5 89.3

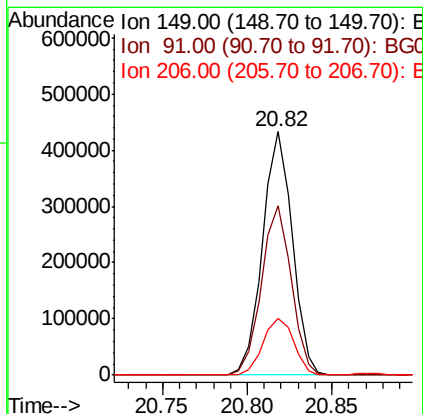
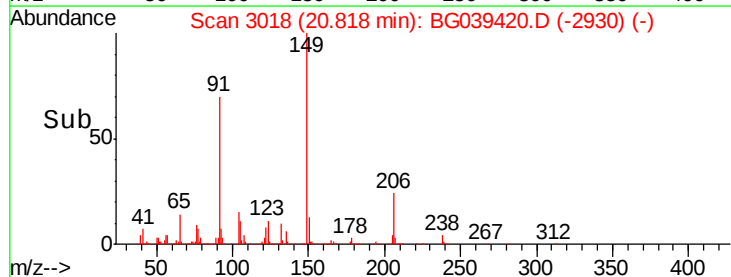
206 23.6 18.6 27.8

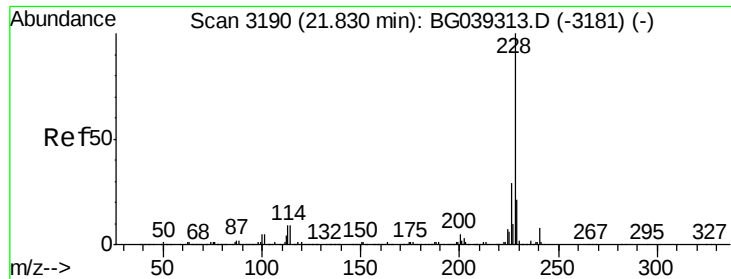


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.274 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

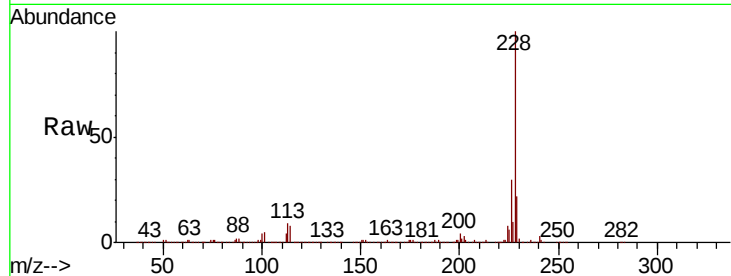
Tgt Ion:228 Resp: 1204337

Ion Ratio Lower Upper

228 100

226 30.1 23.0 34.6

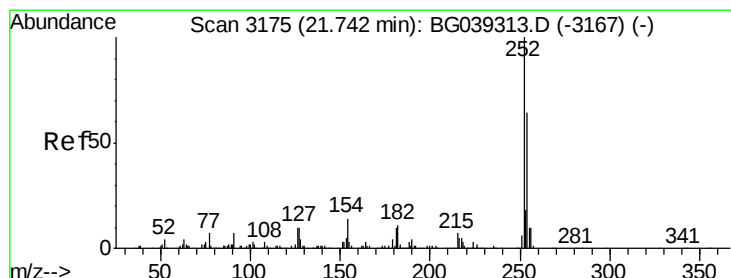
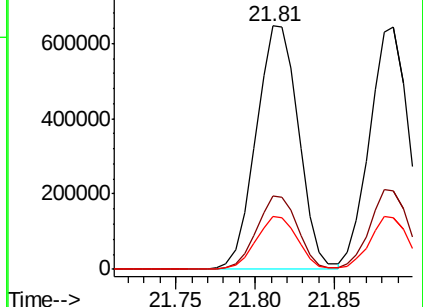
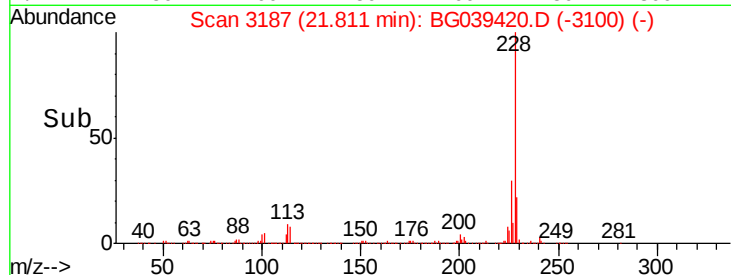
229 21.7 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.629 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

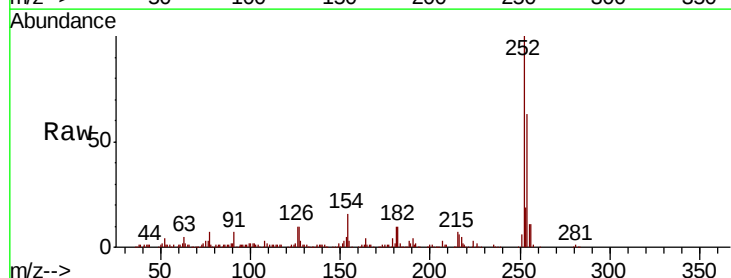
Tgt Ion:252 Resp: 192121

Ion Ratio Lower Upper

252 100

254 63.4 51.3 76.9

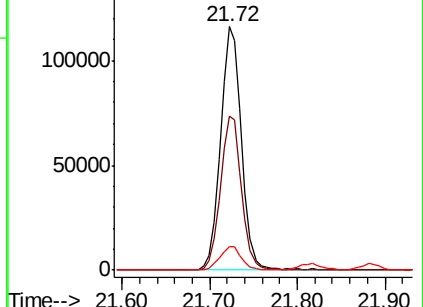
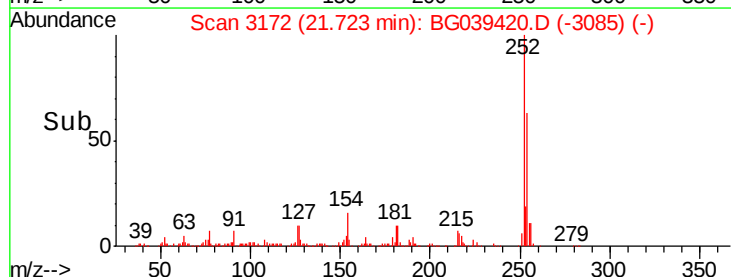
126 9.6 8.0 12.0

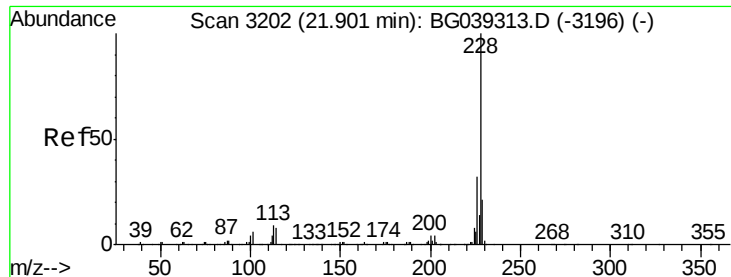


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

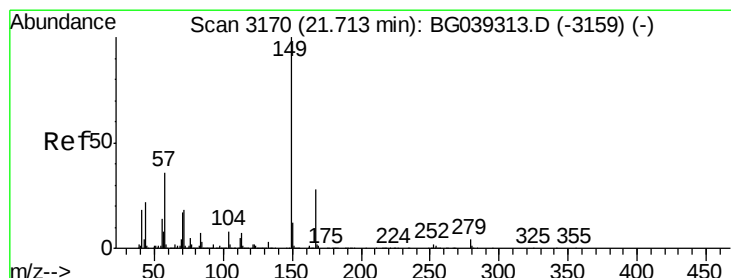
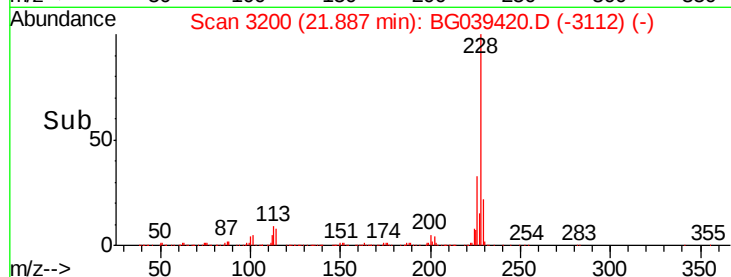
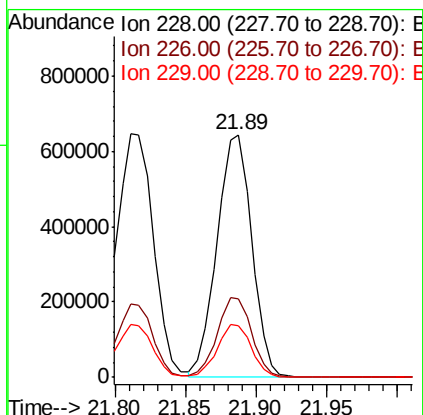
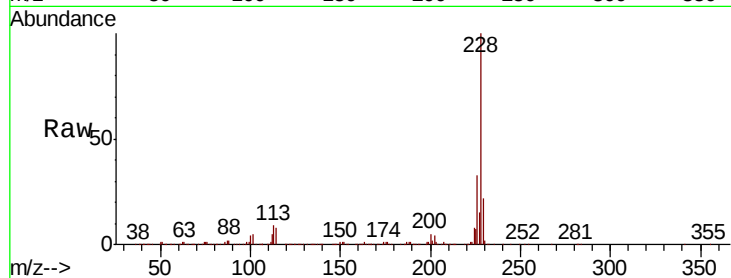




#83
 Chrysene
 Concen: 48.435 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

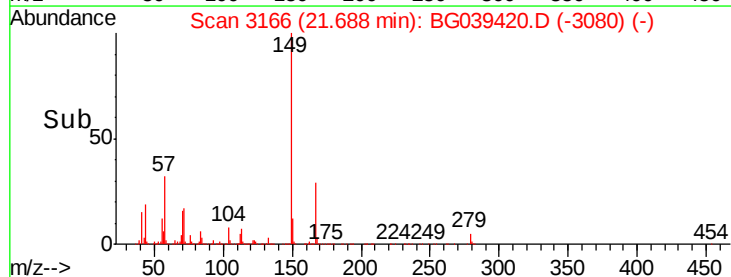
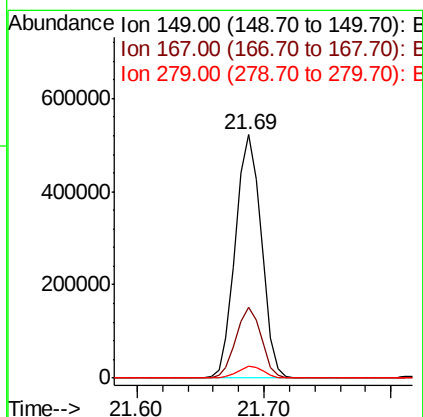
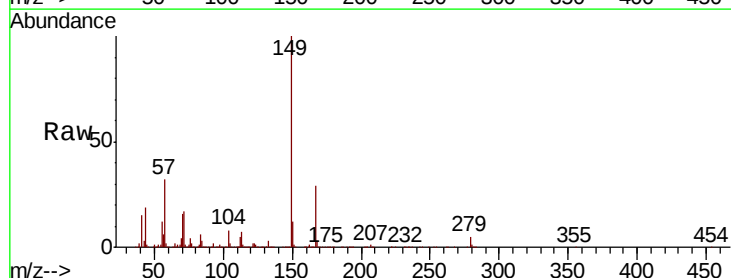
Instrument :
 BNA_G
 ClientSampleId :
 AOC12-SS1-7.5-8.0MSD

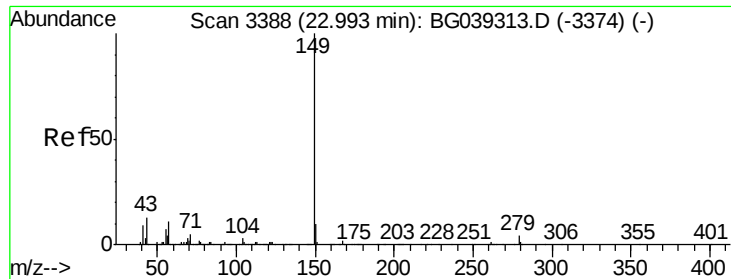
Tgt Ion: 228 Resp: 1104523
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.8 38.6
 229 21.5 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.542 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.03 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion: 149 Resp: 737272
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.6 34.0
 279 5.0 3.5 5.3

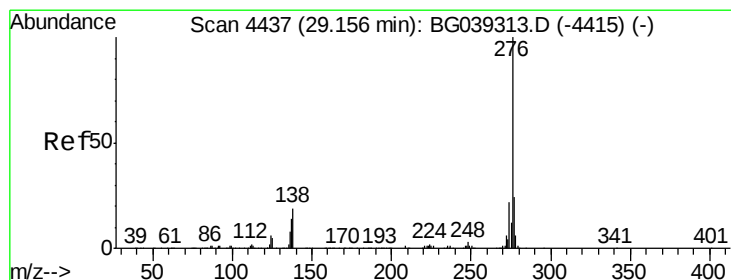
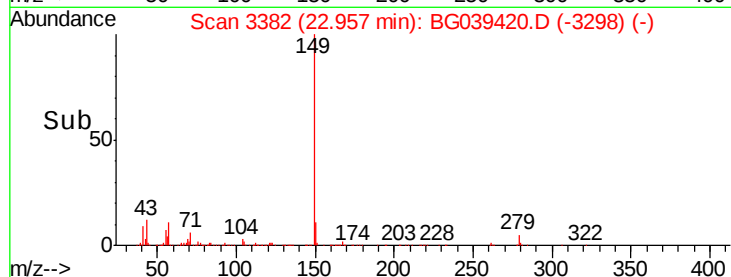
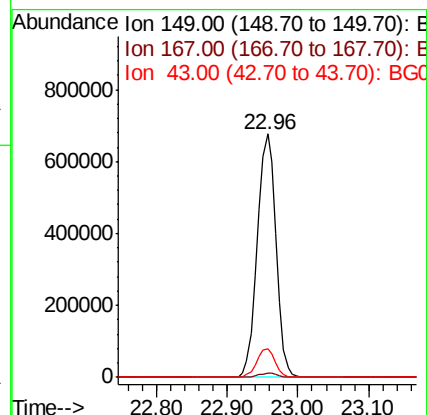
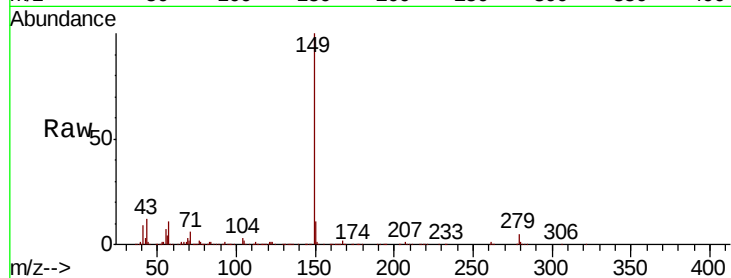




#85
Di-n-octyl phthalate
Concen: 49.918 ng
RT: 22.96 min Scan# 3382
Delta R.T. -0.04 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

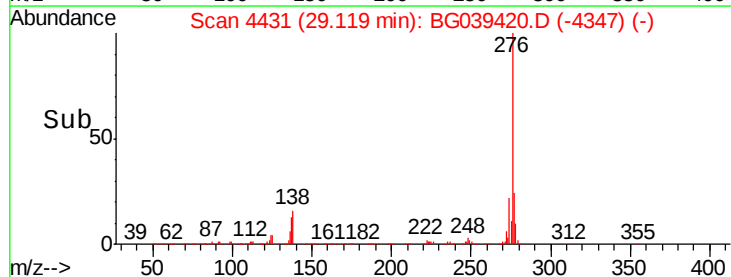
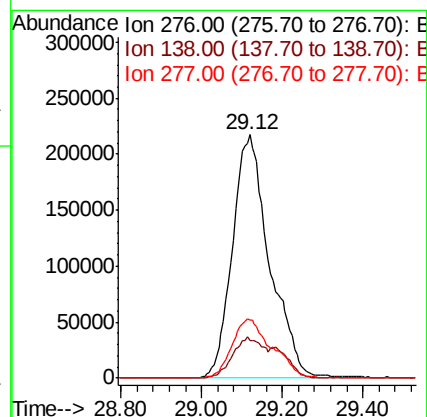
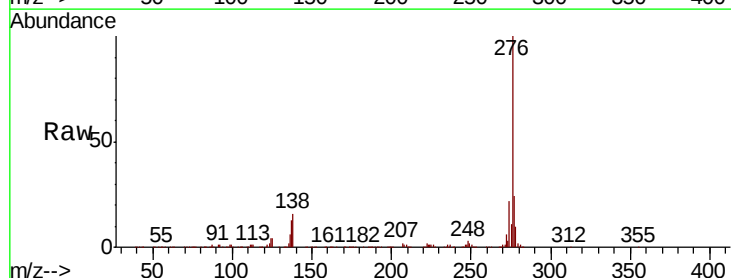
Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

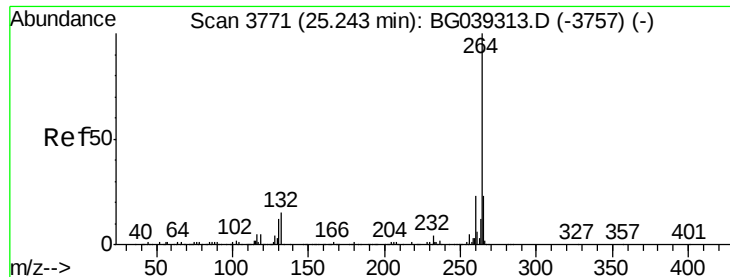
Tgt Ion:149 Resp: 1252572
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.5 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 56.860 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion:276 Resp: 1391178
Ion Ratio Lower Upper
276 100
138 13.9 12.6 19.0
277 26.0 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

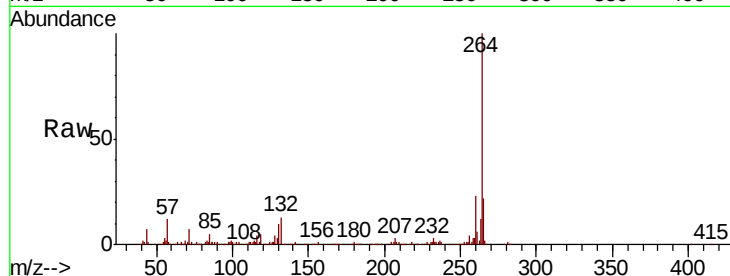
Tgt Ion:264 Resp: 426535

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

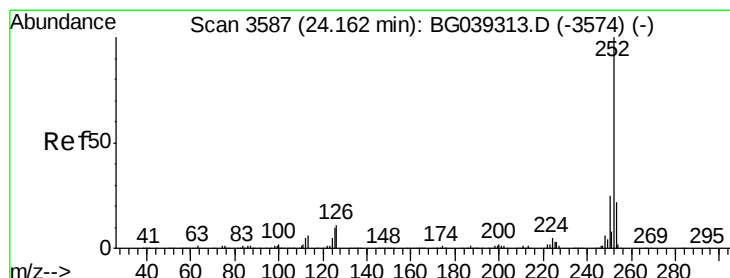
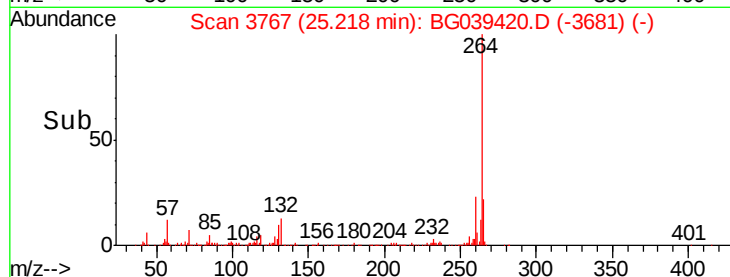
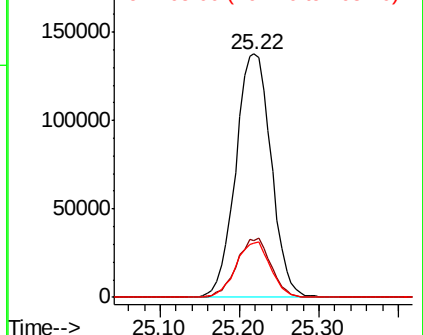
265 22.3 18.5 27.7



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: 51.216 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.03 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

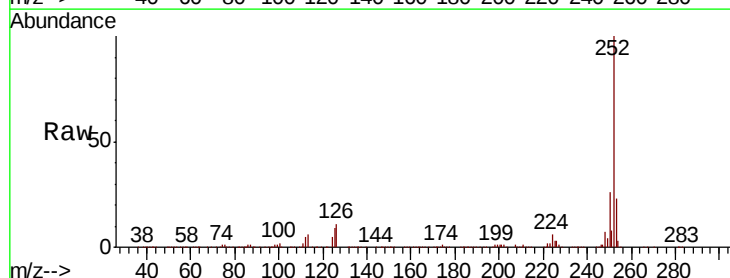
Tgt Ion:252 Resp: 1191363

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

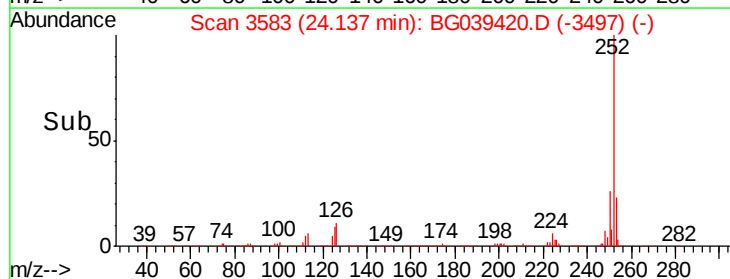
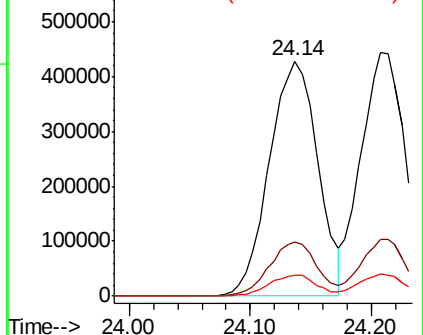
125 8.8 7.8 11.6

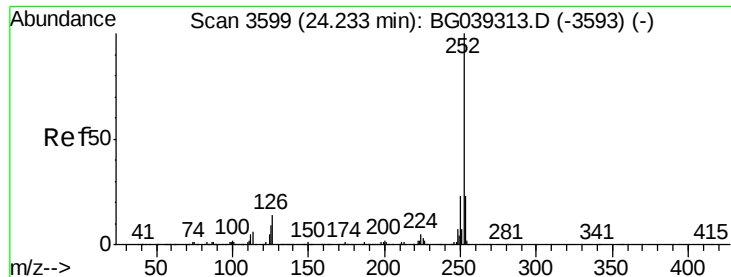


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

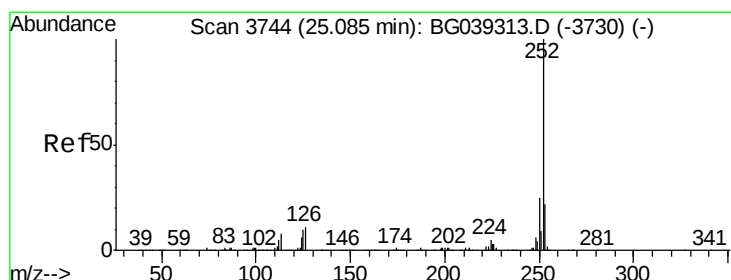
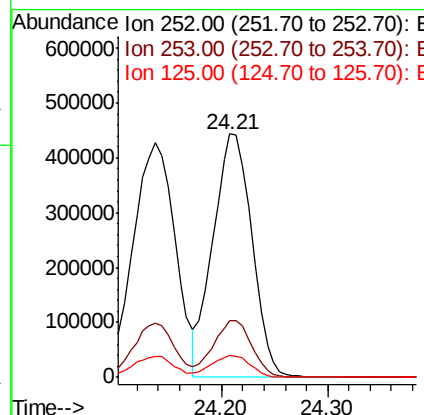
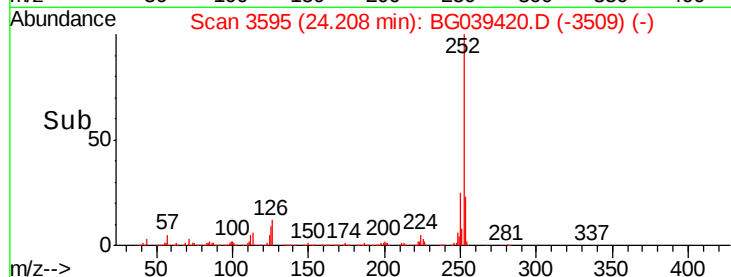
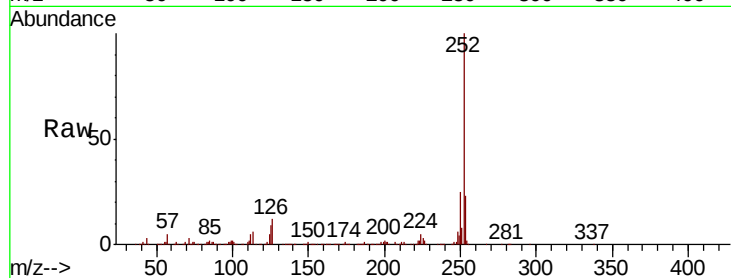




#89
Benzo(k)fluoranthene
Concen: 48.596 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

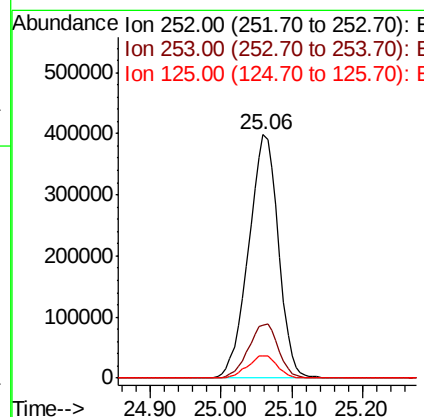
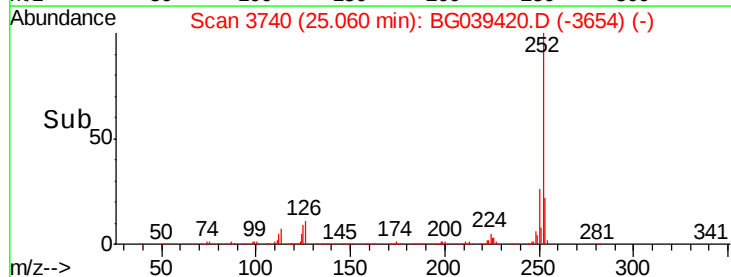
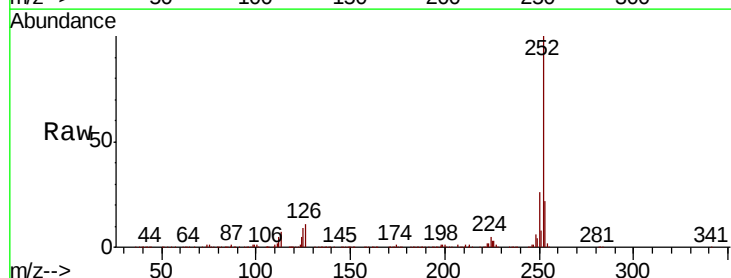
Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MSD

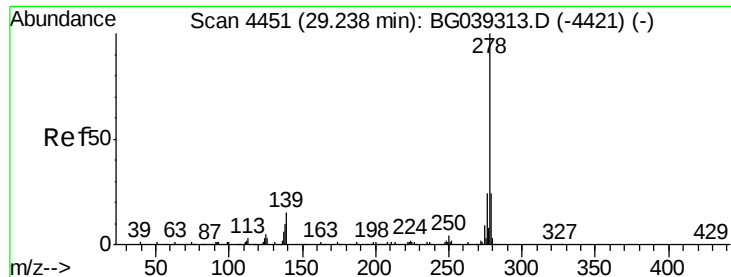
Tgt Ion:252 Resp: 1134898
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 52.206 ng
RT: 25.06 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion:252 Resp: 1169551
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 53.163 ng

RT: 29.19 min Scan# 4443

Delta R.T. -0.05 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

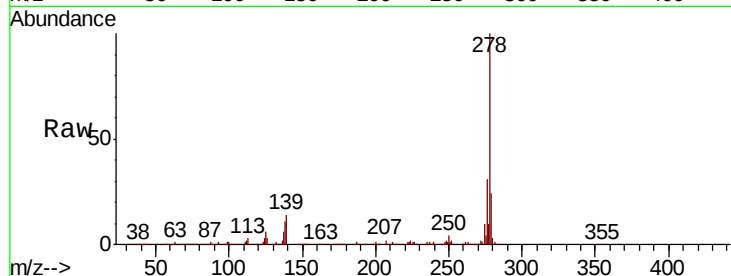
Tgt Ion:278 Resp: 1115350

Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

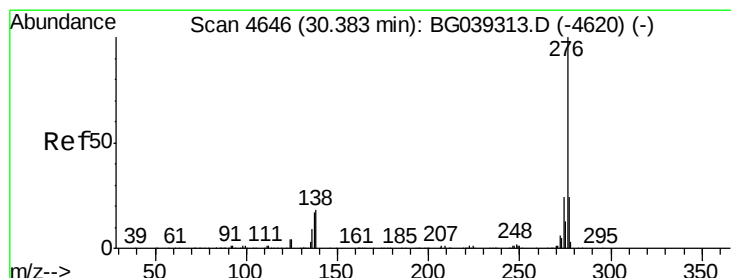
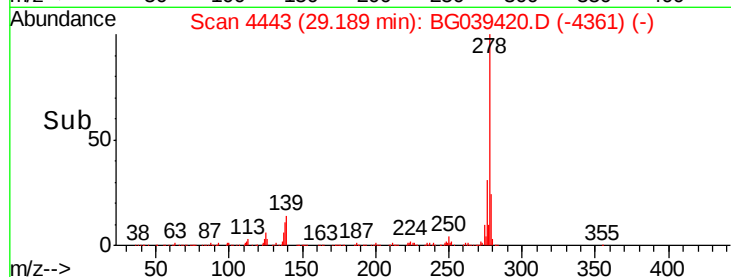
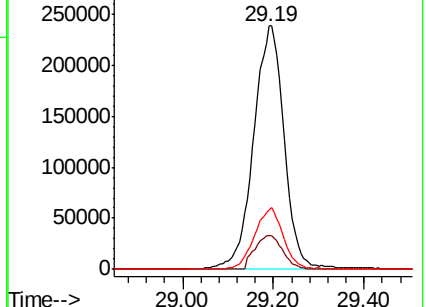
279 24.2 19.1 28.7



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: 54.433 ng

RT: 30.35 min Scan# 4640

Delta R.T. -0.04 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

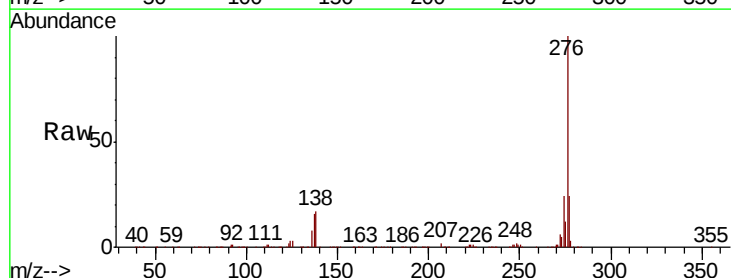
Tgt Ion:276 Resp: 1138250

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 16.9 14.7 22.1



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

