

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

Manual Integrations
 APPROVED

Sohil
 2/11/2019 10:13:49 AM

Quant Time: Feb 09 00:11:10 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	10.19	122	6223m	11.153	ng	
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	78617m	48.029	ng	
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	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	186064	57.261	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	196208	57.613	nq	95
46) 1,1'-Biphenyl	13.63	154	633753	45.858	nq	100
47) 2-Chloronaphthalene	13.69	162	494722	47.586	nq	99
48) 2-Nitroaniline	13.89	65	172513	56.076	nq	99
49) Acenaphthylene	14.53	152	782429	49.876	nq	98
50) Dimethylphthalate	14.25	163	758120	56.513	nq	100
51) 2,6-Dinitrotoluene	14.37	165	148369	57.650	nq	96
52) Acenaphthene	14.86	154	486635	47.789	nq	98
53) 3-Nitroaniline	14.71	138	95135	36.715	nq	# 90
54) 2,4-Dinitrophenol	14.91	184	73285	70.290	nq	97
55) Dibenzofuran	15.20	168	777014	47.592	nq	97
56) 4-Nitrophenol	15.00	139	261529	105.808	nq	90
57) 2,4-Dinitrotoluene	15.16	165	208248	62.097	nq	# 85
58) Fluorene	15.84	166	608928	50.031	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	202310	63.445	nq	95
60) Diethylphthalate	15.60	149	661083	47.663	nq	96
61) 4-Chlorophenyl-phenylether	15.83	204	331981	48.172	nq	93
62) 4-Nitroaniline	15.87	138	161470	56.577	nq	94
63) Azobenzene	16.12	77	588556	43.415	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	108401	61.610	nq	96
66) n-Nitrosodiphenylamine	16.05	169	579667	47.469	nq	100
67) 4-Bromophenyl-phenylether	16.72	248	218667	49.080	nq	95
68) Hexachlorobenzene	16.84	284	220611	49.353	nq	97
69) Atrazine	16.99	200	233551	52.336	nq	100
70) Pentachlorophenol	17.18	266	297879	95.881	nq	99
71) Phenanthrene	17.59	178	1018197	48.985	nq	98
72) Anthracene	17.68	178	1030936	50.353	nq	98
73) Carbazole	17.95	167	938828	45.947	nq	99
74) Di-n-butylphthalate	18.48	149	1086852	45.594	nq	99
75) Fluoranthene	19.58	202	1205539	49.969	nq	99
77) Benzidine	19.77	184	443135	33.339	nq	100
78) Pyrene	19.95	202	1206863	47.819	nq	98
80) Butylbenzylphthalate	20.82	149	526798	49.482	nq	96
81) Benzo(a)anthracene	21.81	228	1204337	50.274	nq	98
82) 3,3'-Dichlorobenzidine	21.72	252	192121	21.629	nq	99
83) Chrysene	21.89	228	1104523	48.435	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	737272	48.542	nq	99
85) Di-n-octyl phthalate	22.96	149	1252572	49.918	nq	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1391178	56.860	nq	98
88) Benzo(b)fluoranthene	24.14	252	1191363	51.216	nq	98
89) Benzo(k)fluoranthene	24.21	252	1134898	48.596	nq	99
90) Benzo(a)pyrene	25.06	252	1169551	52.206	nq	98
91) Dibenzo(a,h)anthracene	29.19	278	1115350	53.163	nq	99
92) Benzo(g,h,i)perylene	30.35	276	1138250	54.433	nq	98

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



#1

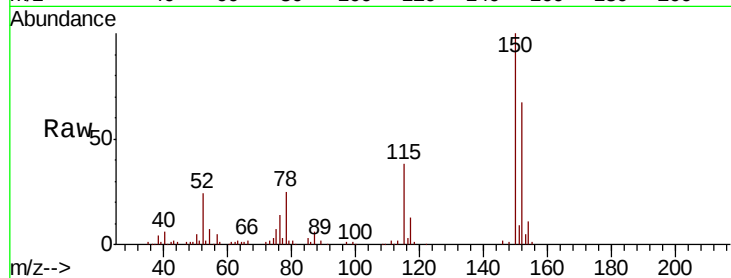
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Instrument :
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AOC12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.7	185.5
115	56.9	45.9	68.9

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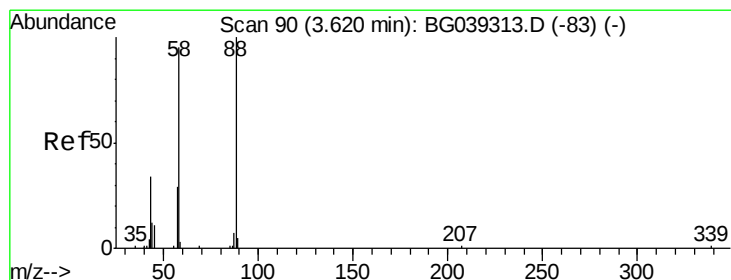
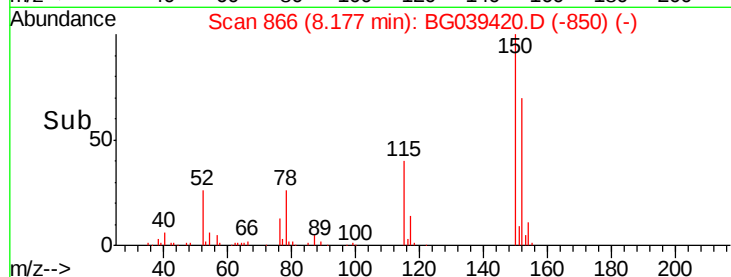
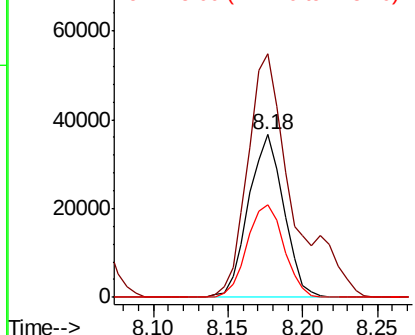


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

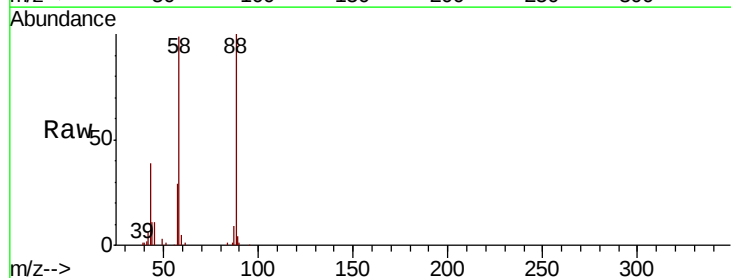
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.823 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	Ratio	Lower	Upper
88	100		
58	97.5	81.1	121.7
43	30.7	31.4	47.0

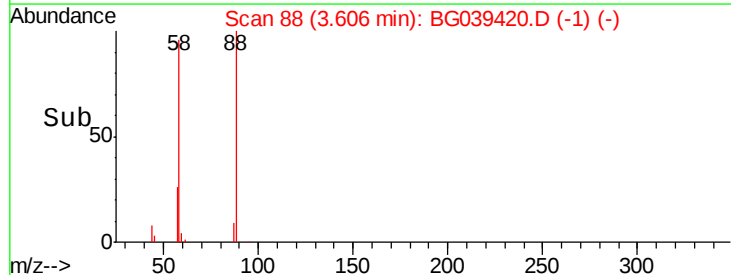
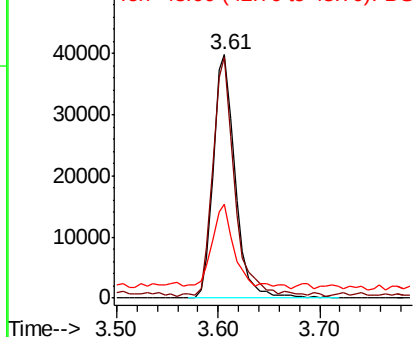


Abundance

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

Pvridine

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

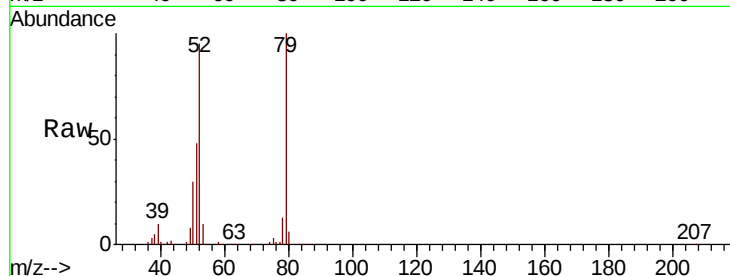
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

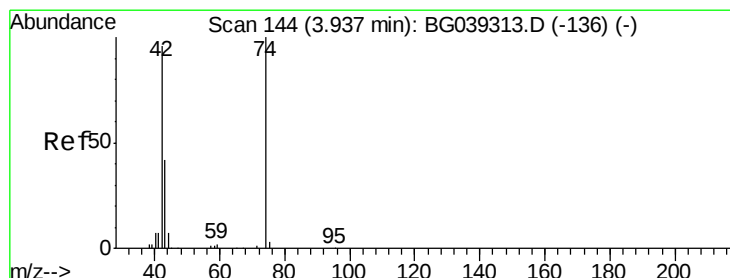
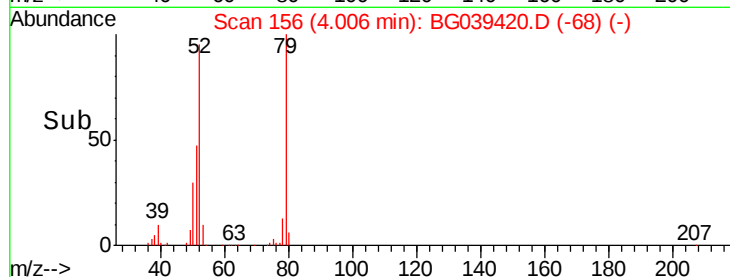
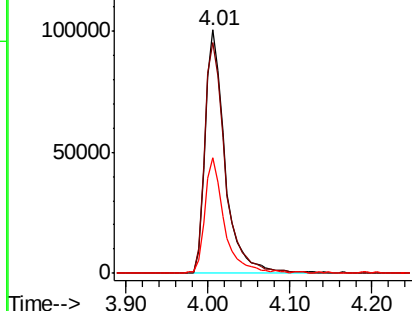
Tot Ion	Ratio	Lower	Upper
79	100		
52	94.7	82.6	124.0
51	47.7	37.5	56.3

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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

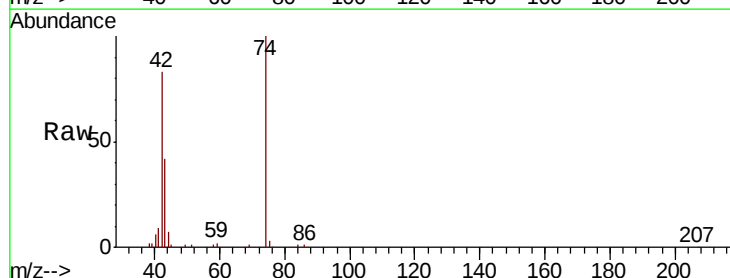
RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

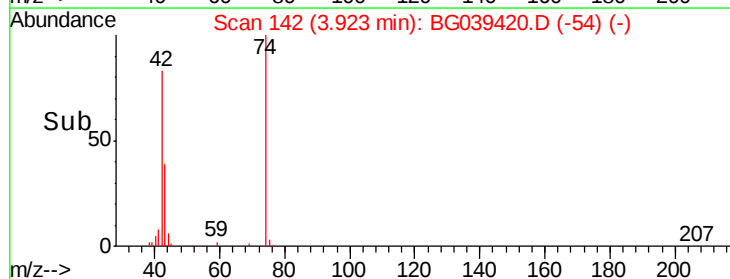
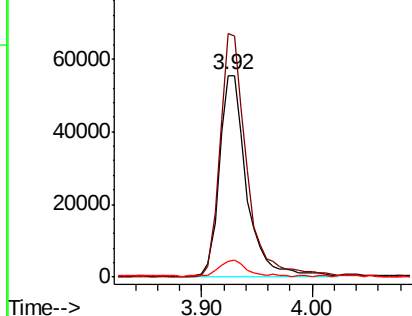
Lab File: BG039420.D

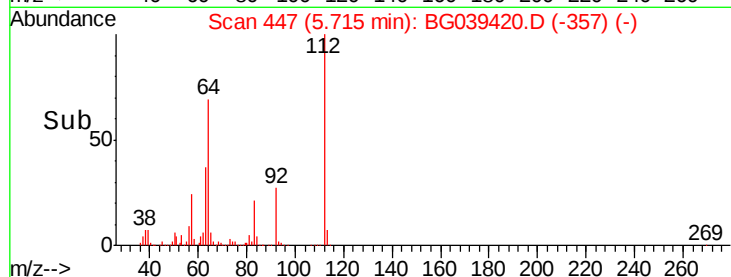
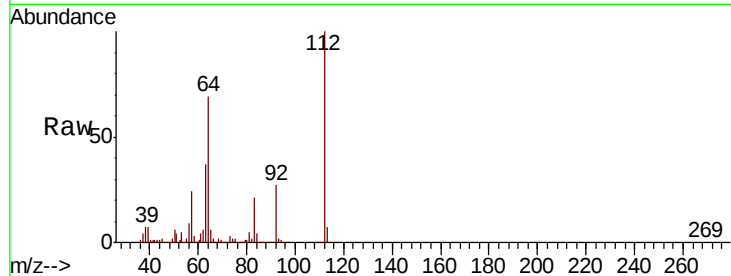
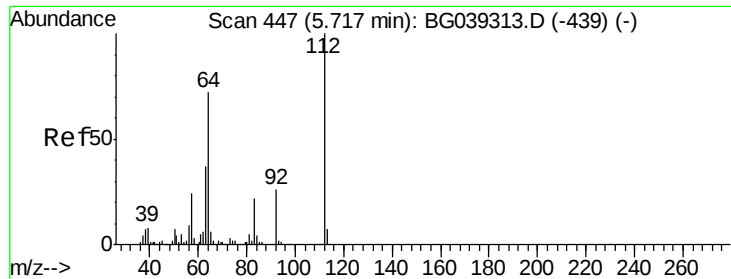
Acq: 8 Feb 2019 17:57

Tgt Ion	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

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Tot Ion:	112	Resp:	540273
Ion Ratio	Lower	Upper	
112	100		
64	69.4	57.8	86.8
63	37.5	29.8	44.6

Instrument :

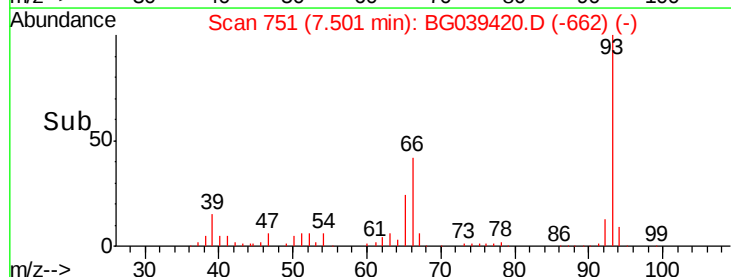
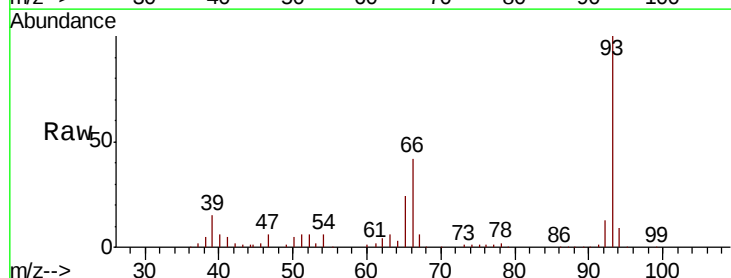
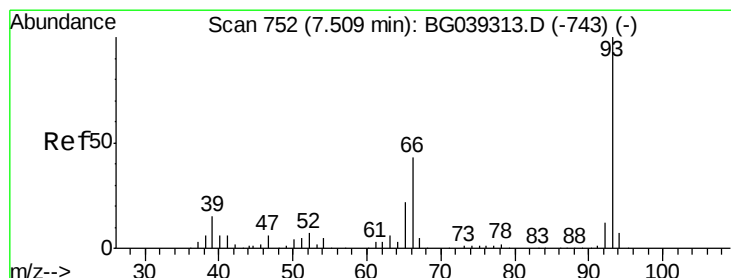
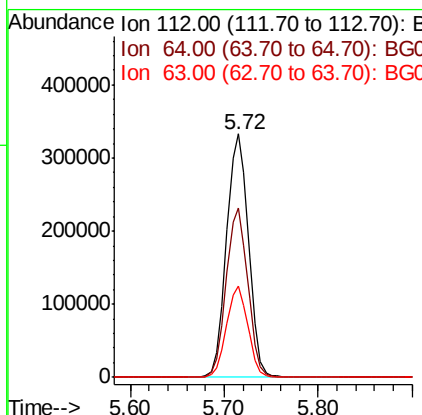
BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

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#6

Aniline

Concen: 27.153 ng

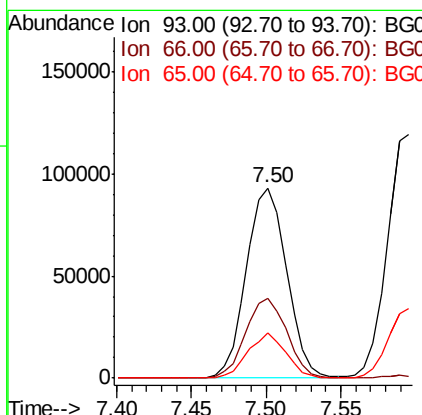
RT: 7.50 min Scan# 751

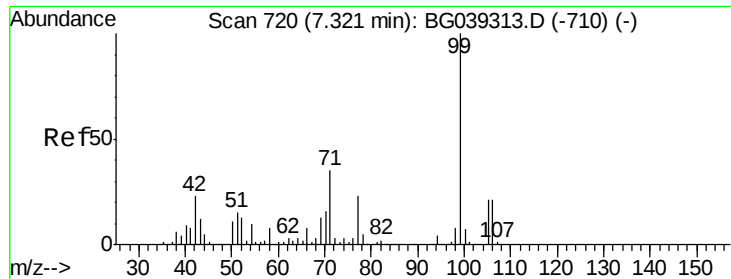
Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

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





#7

Phenol-d6

Concen: 150.002 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

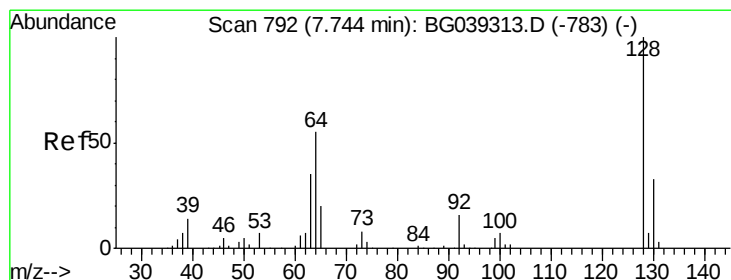
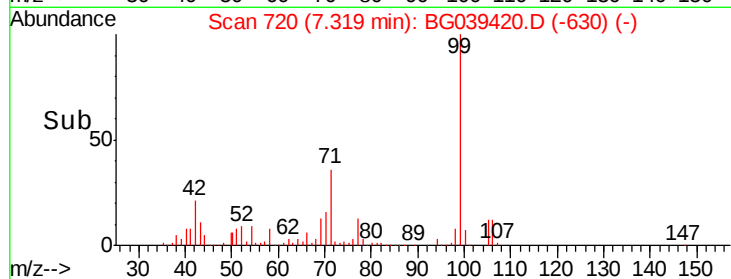
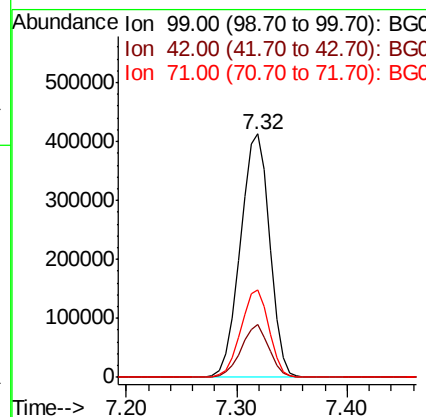
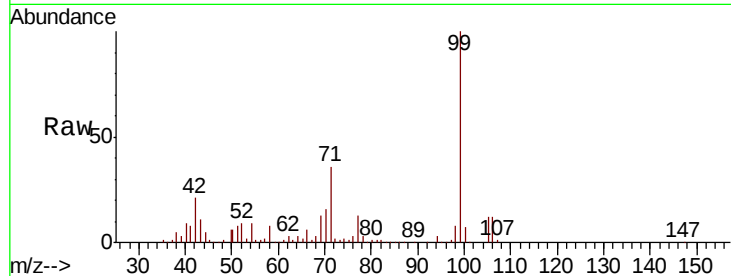
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot Ion:	99	Resp:	770658
Ion Ratio	Lower	Upper	
99	100		
42	21.5	18.2	27.2
71	36.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 53.378 ng

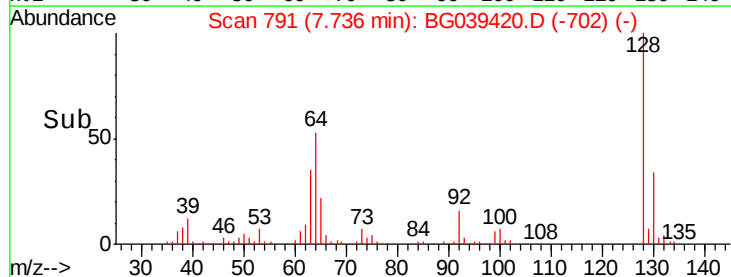
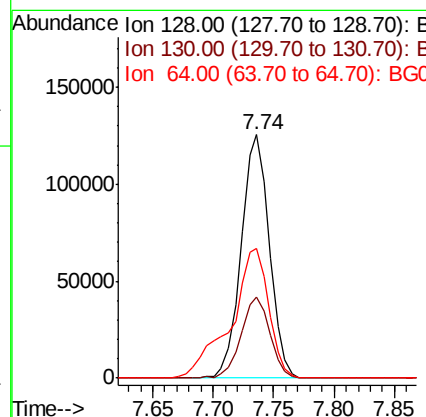
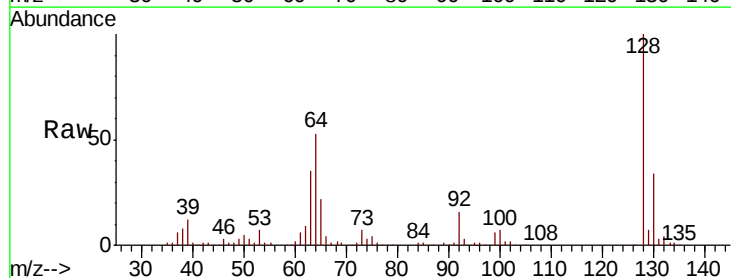
RT: 7.74 min Scan# 791

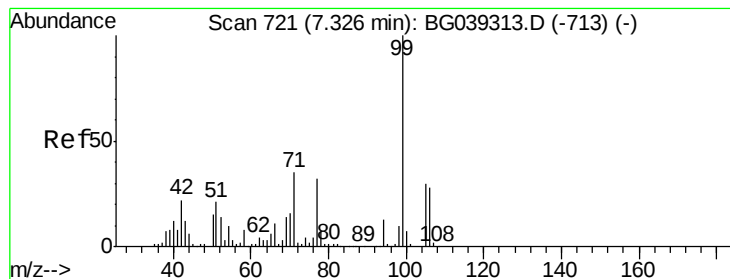
Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

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





#9

Benzaldehyde

Concen: 39.428 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

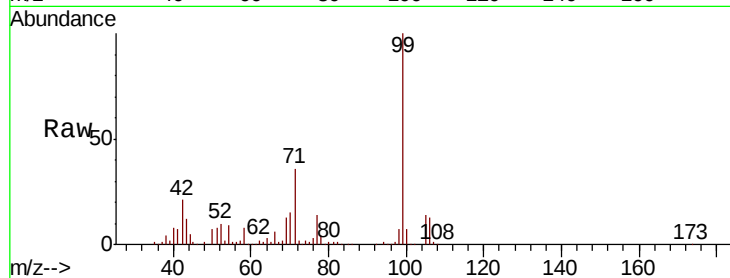
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

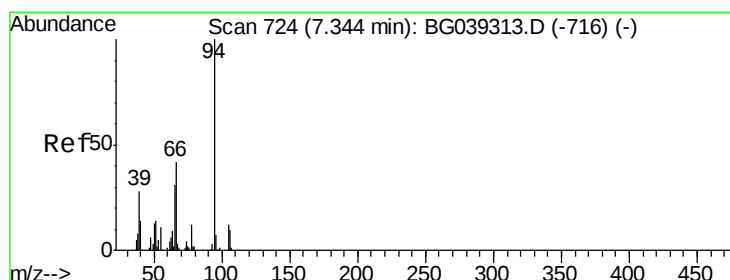
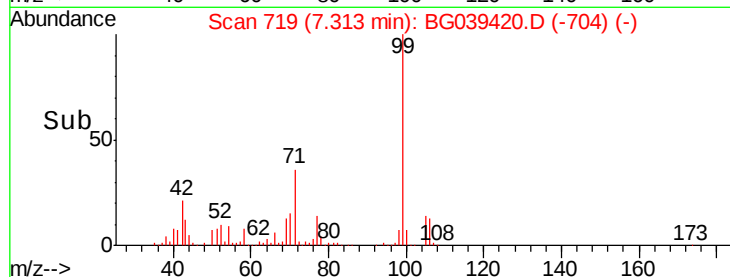
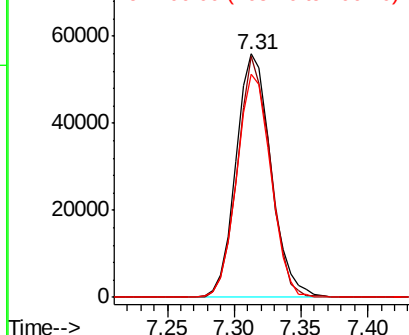
Tot Ion:	77	Resp:	101581
Ion	Ratio	Lower	Upper
77	100		
105	98.8	74.5	114.5
106	91.5	68.0	108.0

Manual Integrations
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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

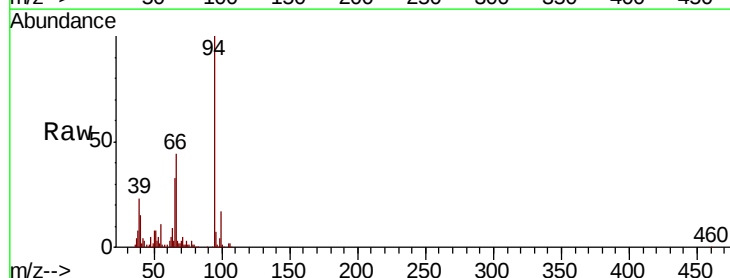
RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

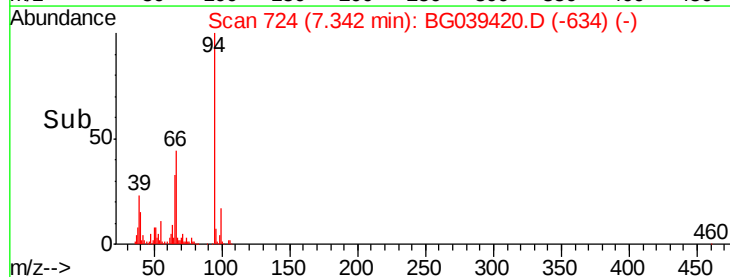
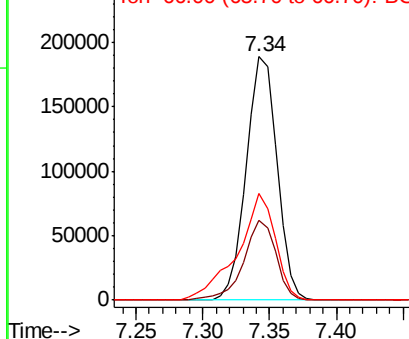
Lab File: BG039420.D

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





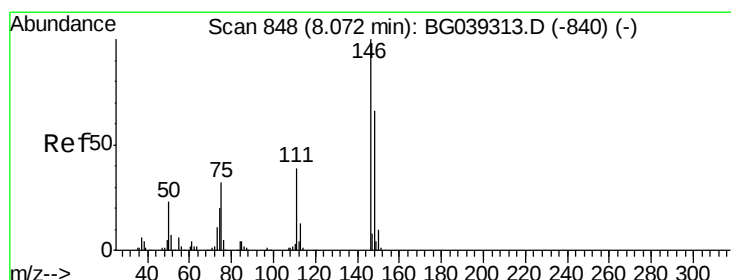
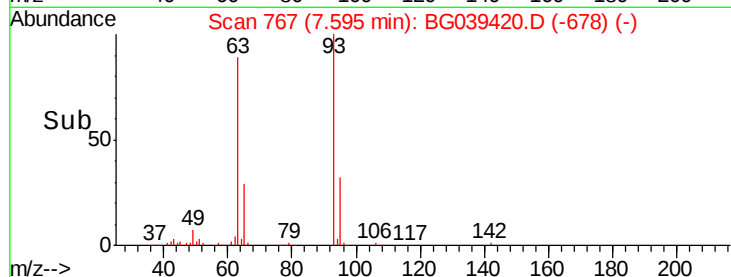
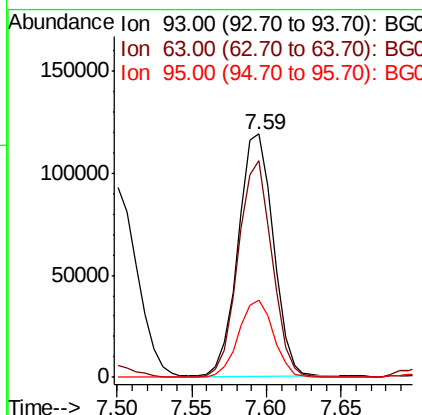
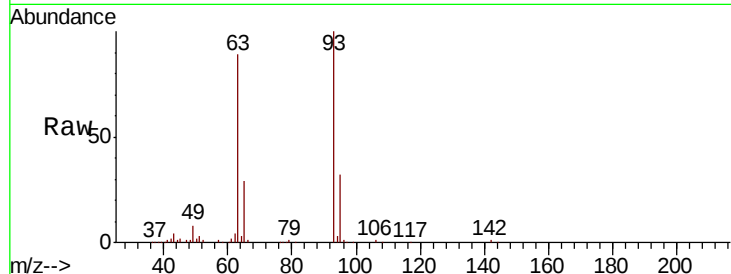
#11
bis(2-Chloroethyl)ether
Concen: 45.786 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.0	69.5	109.5
95	31.7	12.7	52.7

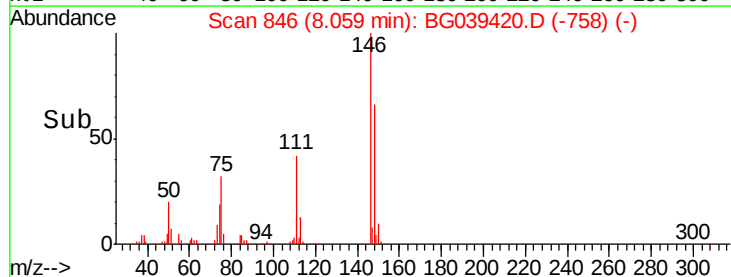
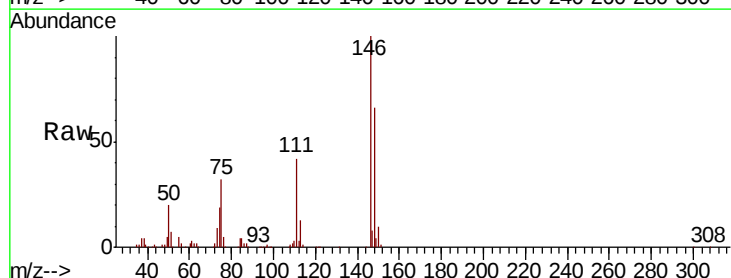
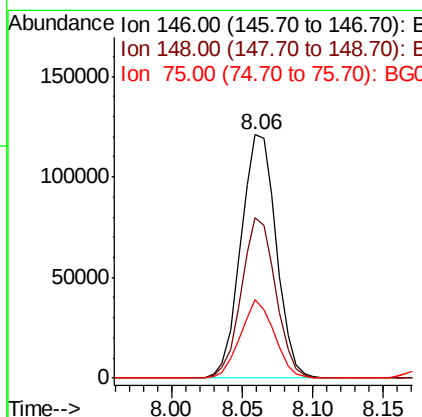
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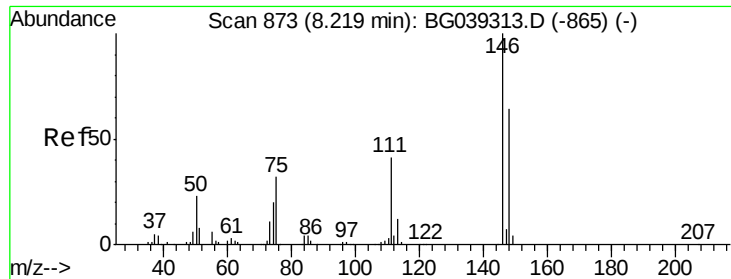
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#12
1,3-Dichlorobenzene
Concen: 45.793 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion	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

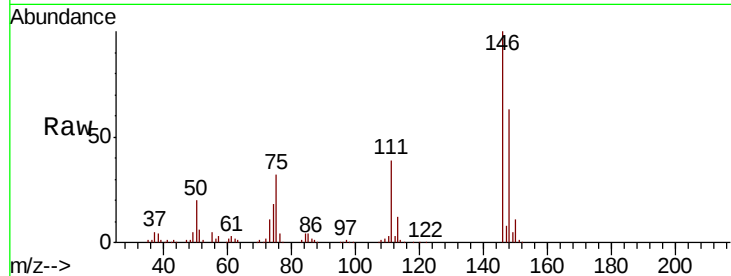
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

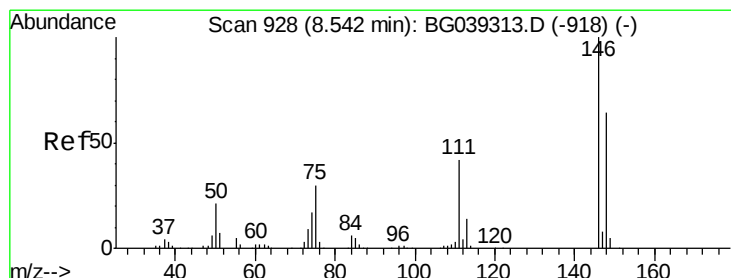
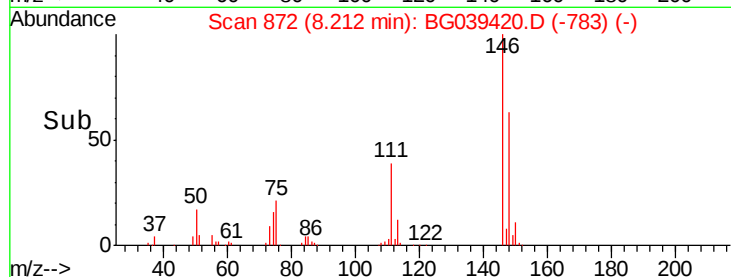
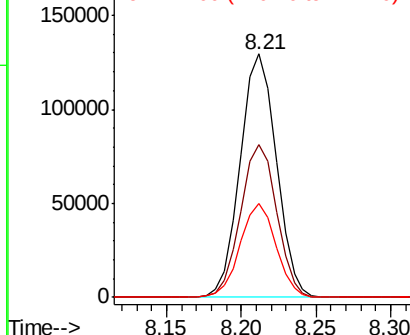
Tot Ion:	146	Resp:	217952
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.1	76.7
111	38.6	32.6	48.8

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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

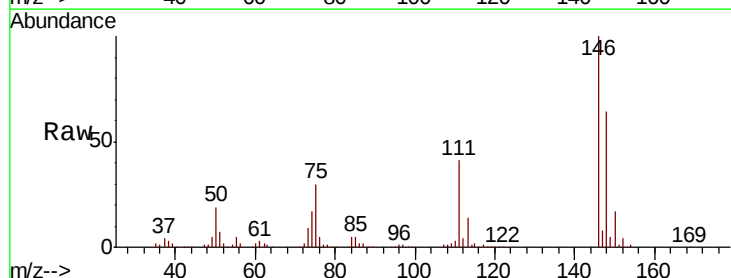
RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

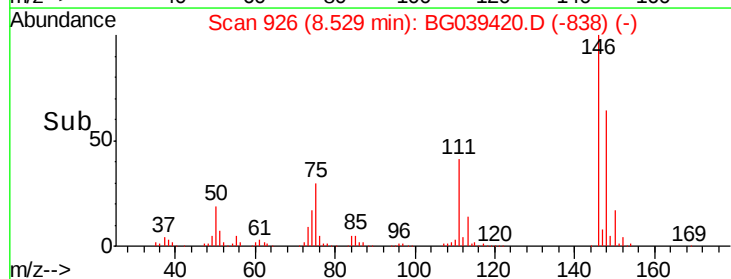
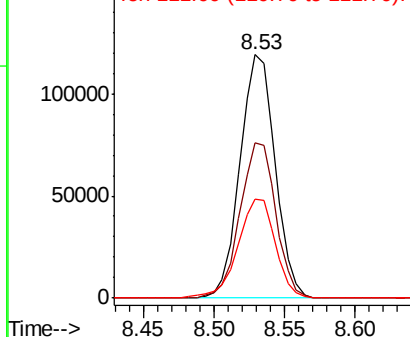
Lab File: BG039420.D

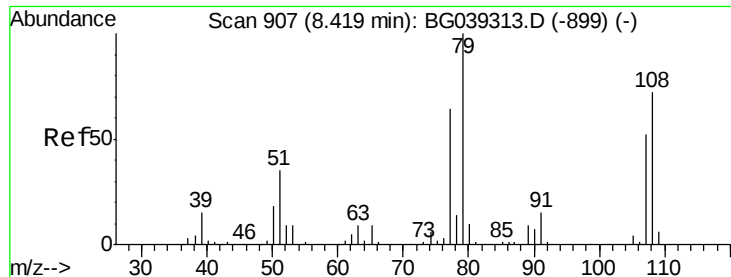
Acq: 8 Feb 2019 17:57

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

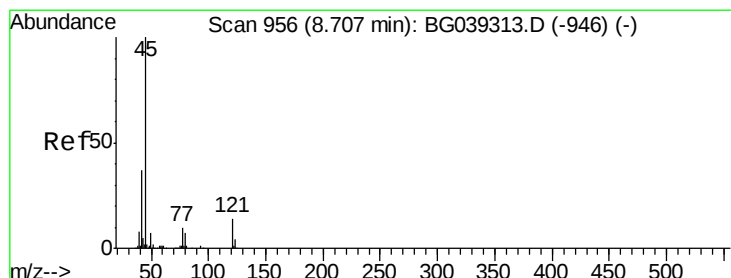
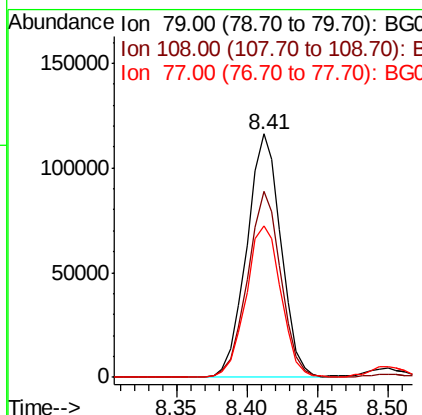
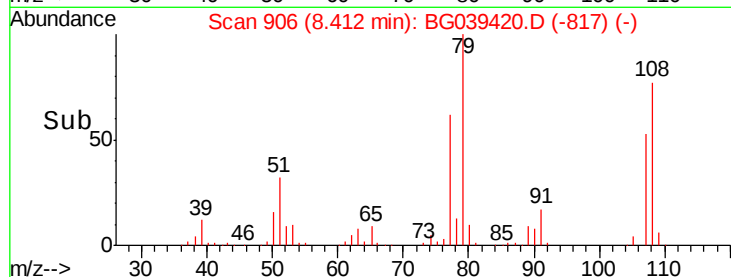
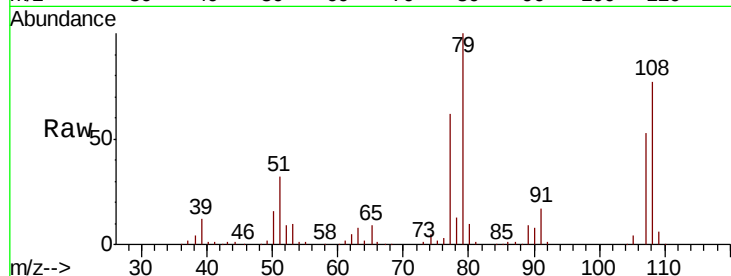
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot Ion:	79	Resp:	197810
Ion Ratio	Lower	Upper	
79	100		
108	76.5	57.8	86.6
77	62.0	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.592 ng

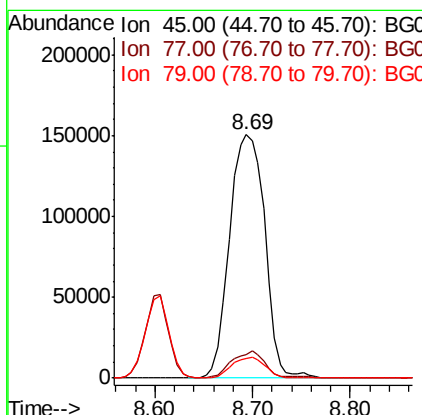
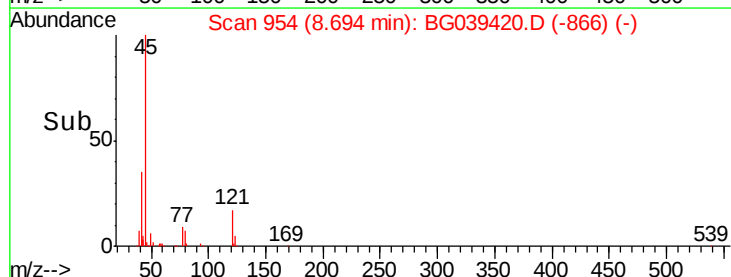
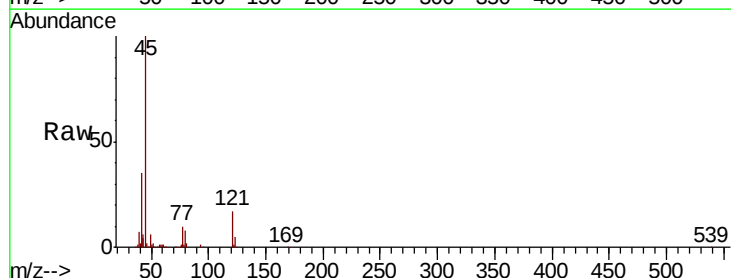
RT: 8.69 min Scan# 954

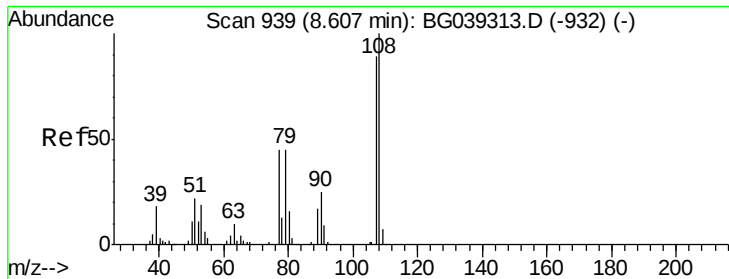
Delta R.T. -0.01 min

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

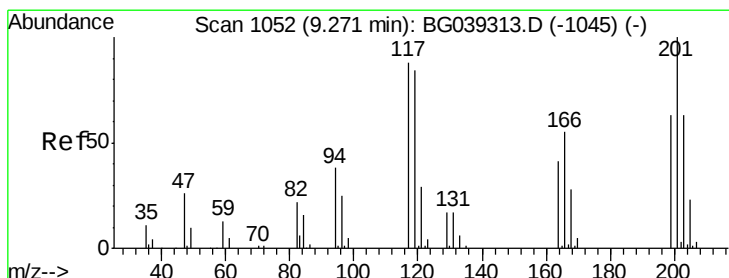
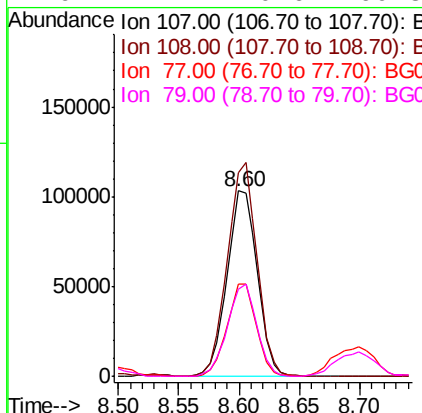
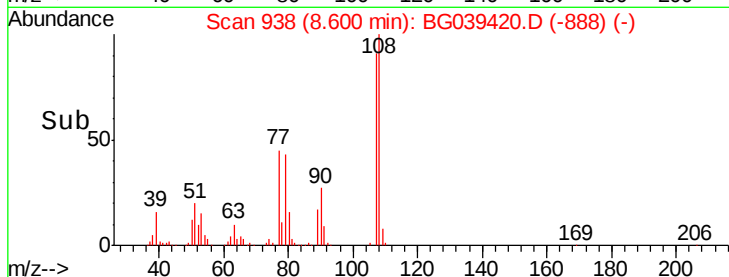
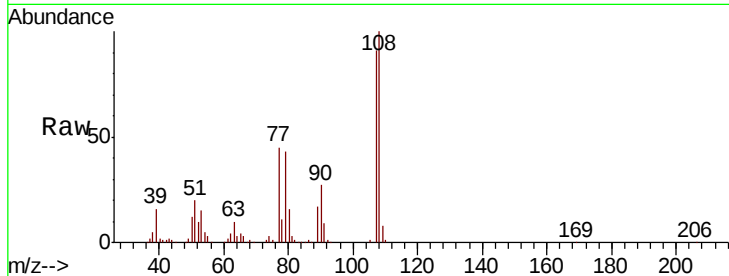
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot 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

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#18

Hexachloroethane

Concen: 47.023 ng

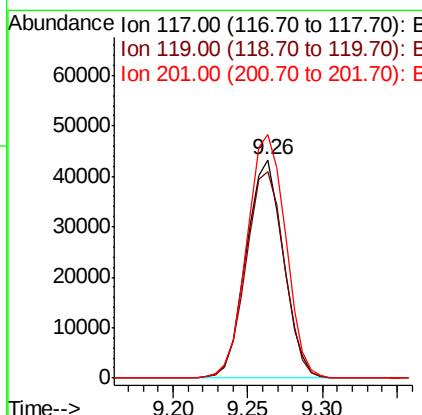
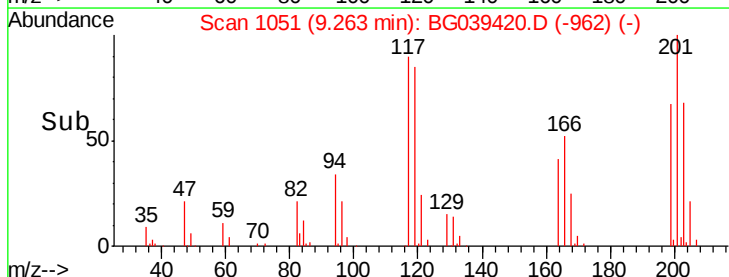
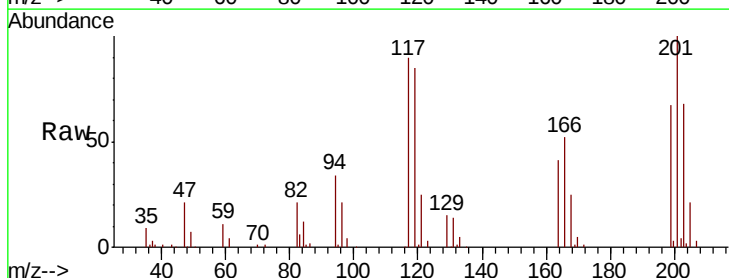
RT: 9.26 min Scan# 1051

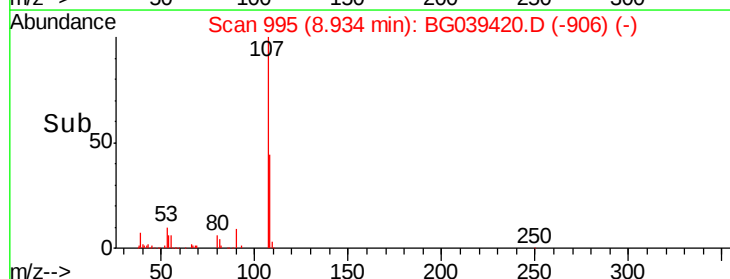
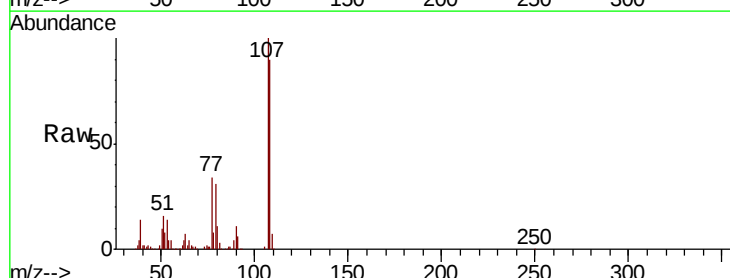
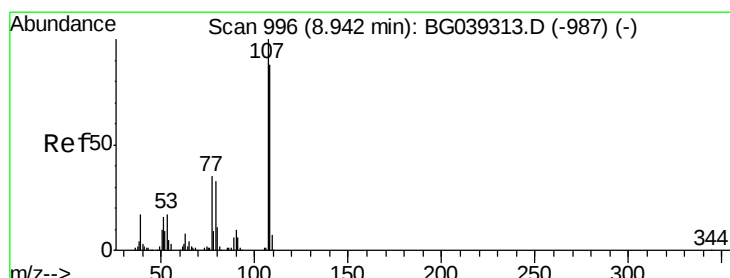
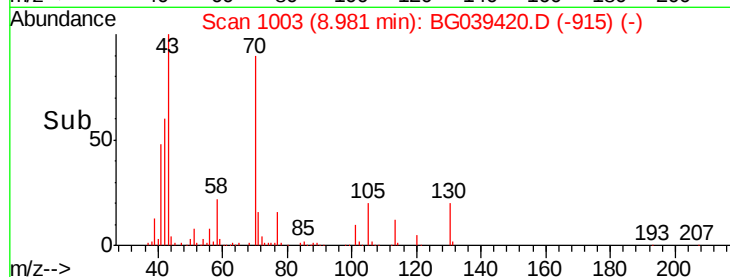
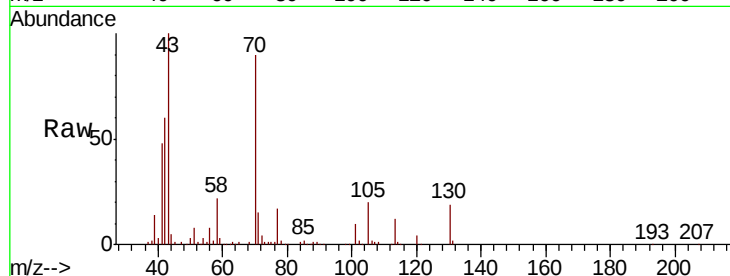
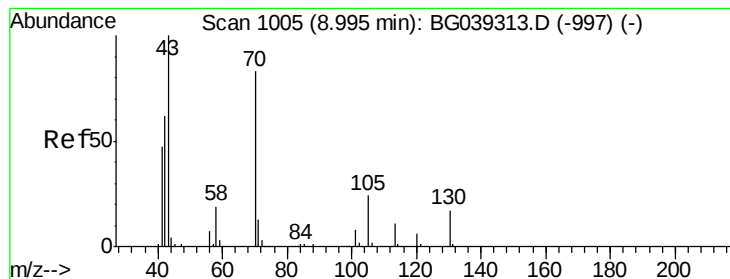
Delta R.T. -0.01 min

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





#19

n-Nitroso-di-n-propylamine

Concen: 44.136 ng

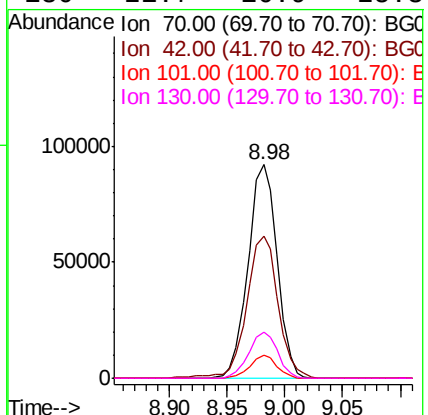
RT: 8.98 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Tot Ion	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	



Instrument :

BNA_G

ClientSampleId :

AOC12-SS1-7.5-8.0MSD

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#20

3+4-Methylphenols

Concen: 52.272 ng

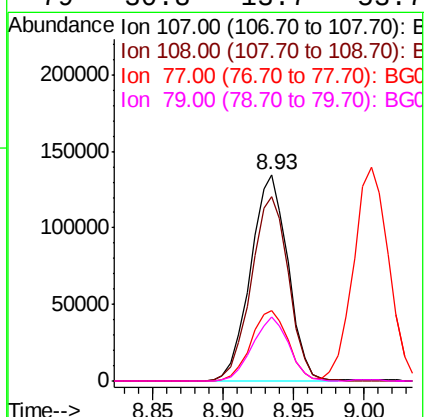
RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Tgt Ion	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	





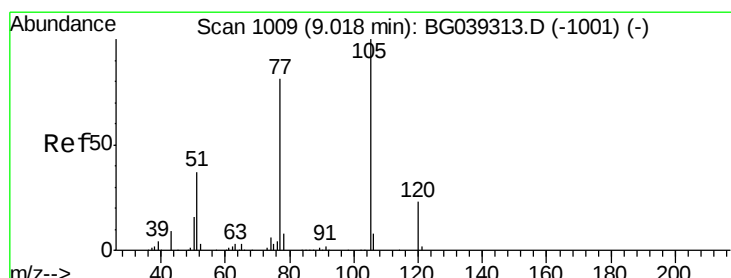
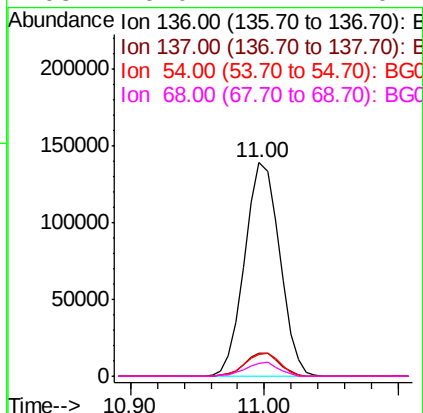
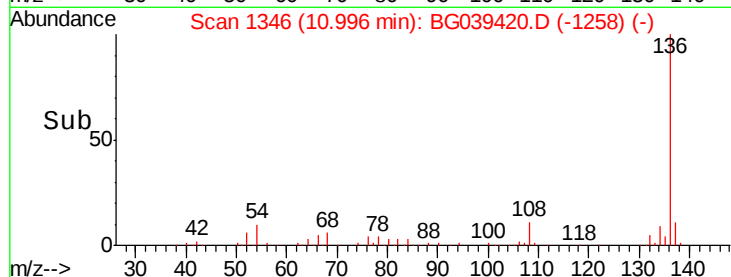
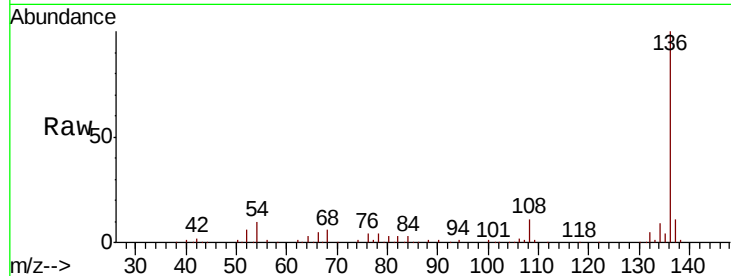
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot 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

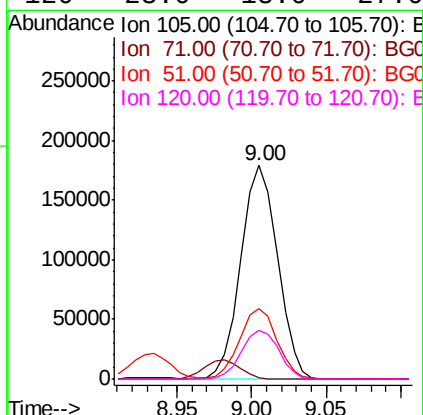
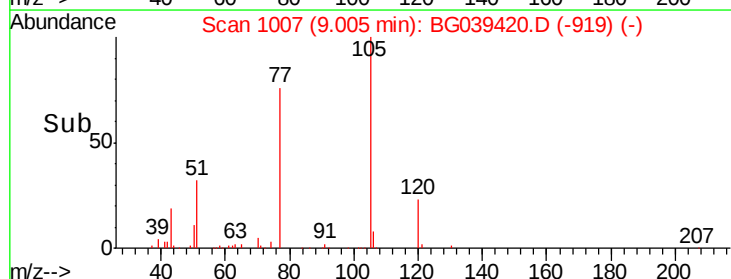
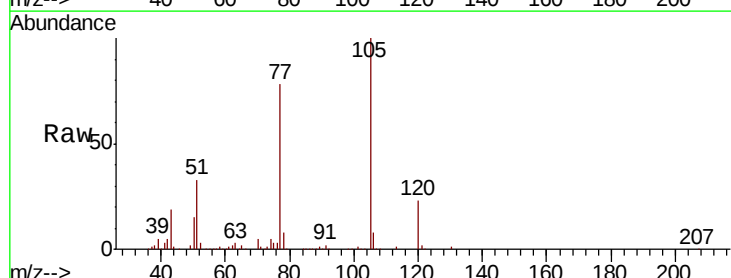
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#22
Acetophenone
Concen: 45.279 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion	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





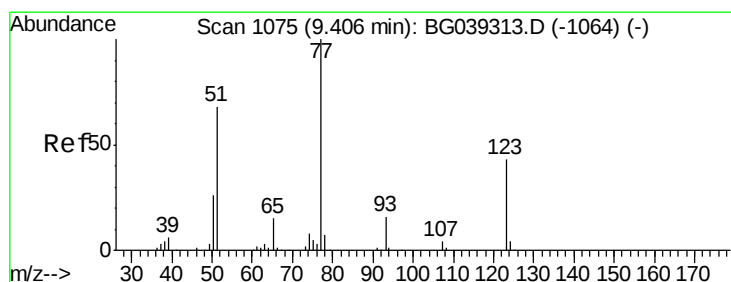
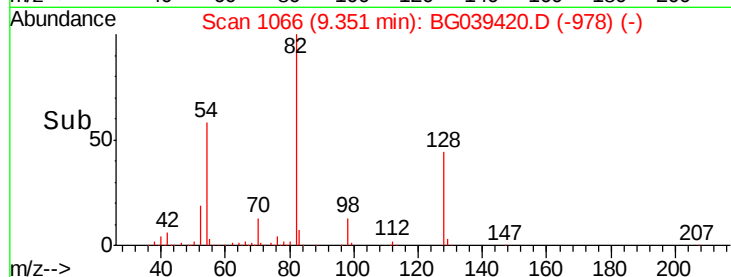
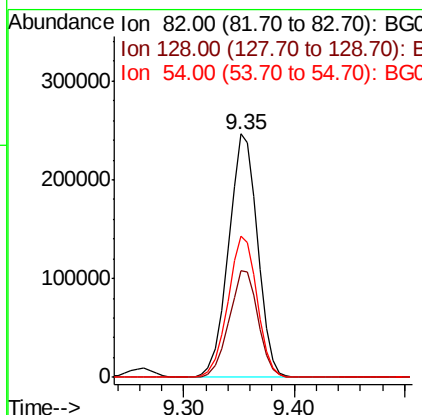
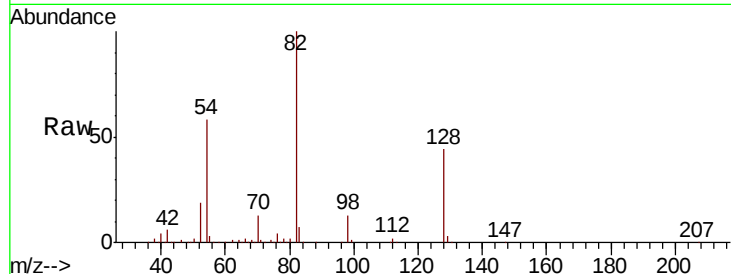
#23
Nitrobenzene-d5
Concen: 112.092 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

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

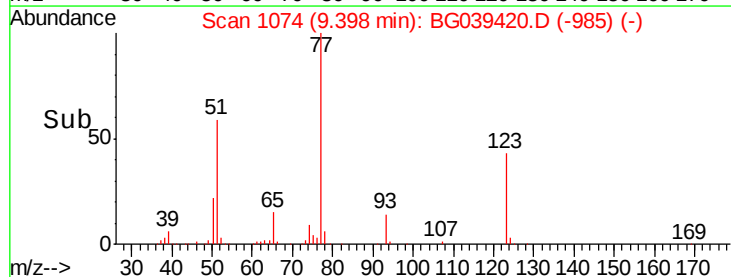
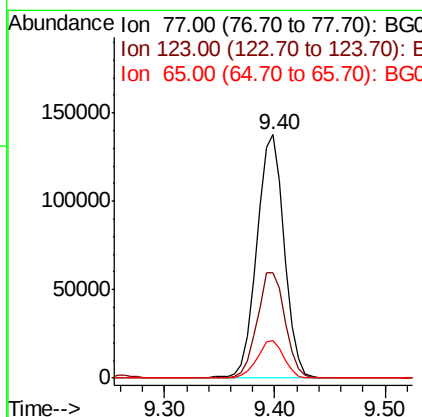
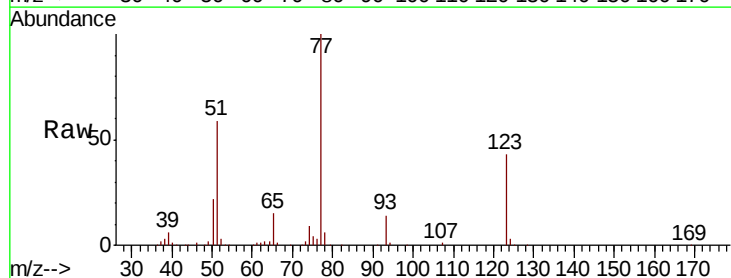
Manual Integrations
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#24
Nitrobenzene
Concen: 54.906 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

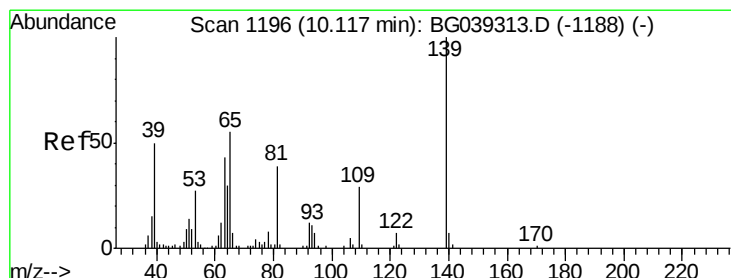
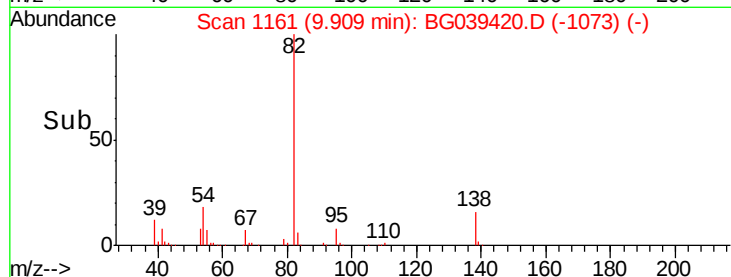
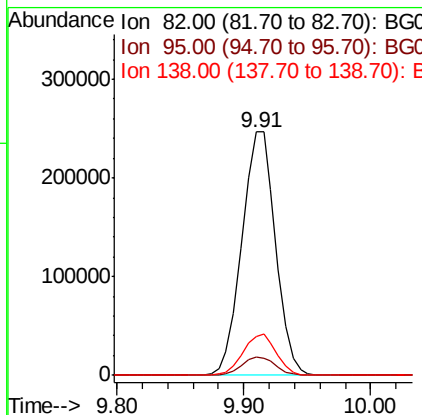
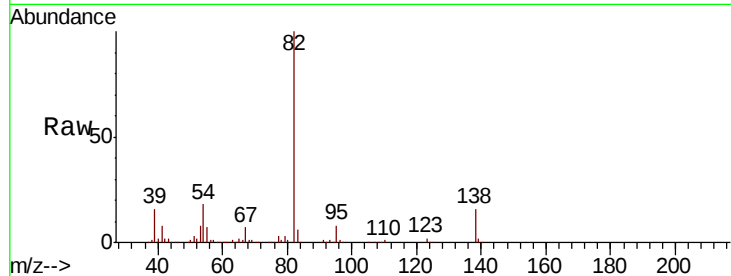
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot Ion:	82	Resp:	453838
Ion Ratio		Lower	Upper
82	100		
95	7.6	6.2	9.2
138	16.1	13.0	19.4

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#26

2-Nitrophenol

Concen: 62.353 ng

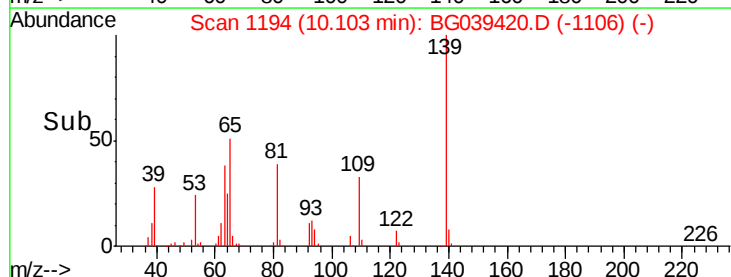
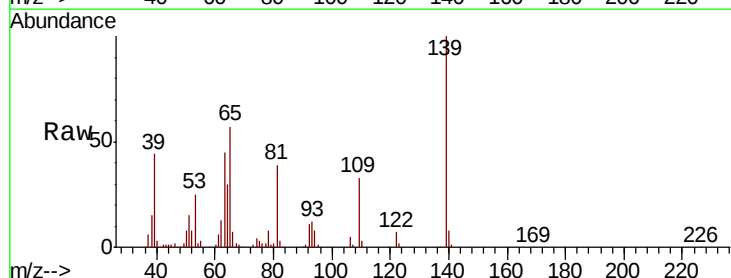
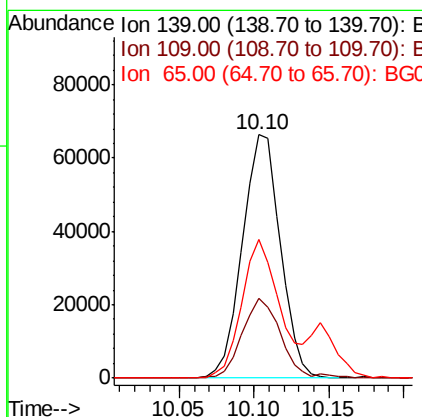
RT: 10.10 min Scan# 1194

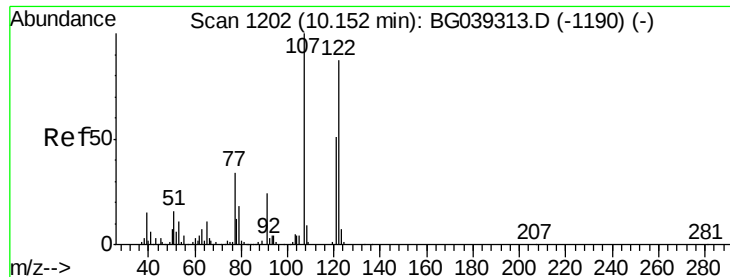
Delta R.T. -0.01 min

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





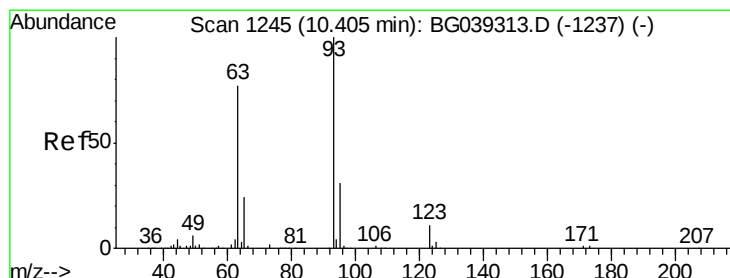
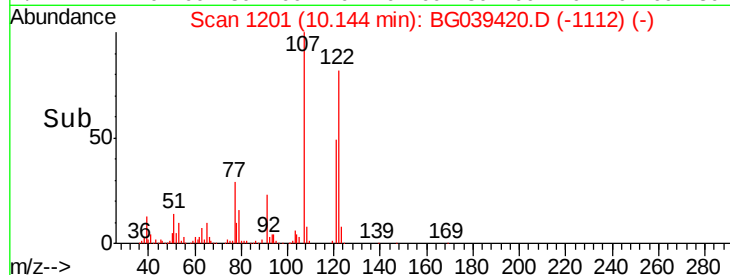
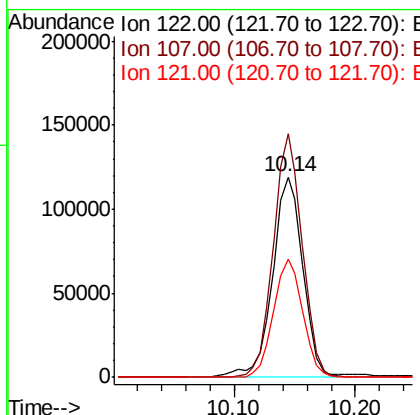
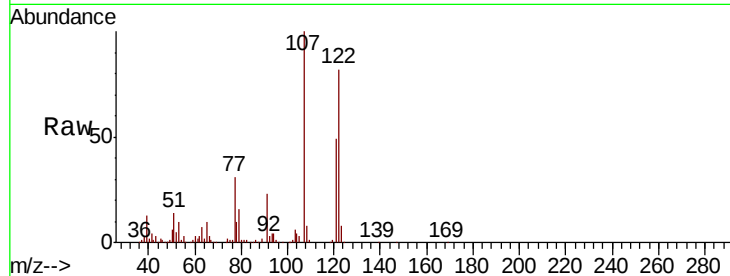
#27
 2,4-Dimethylphenol
 Concen: 56.997 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	206287		
107	121.5	91.7	137.5	
121	59.3	46.4	69.6	

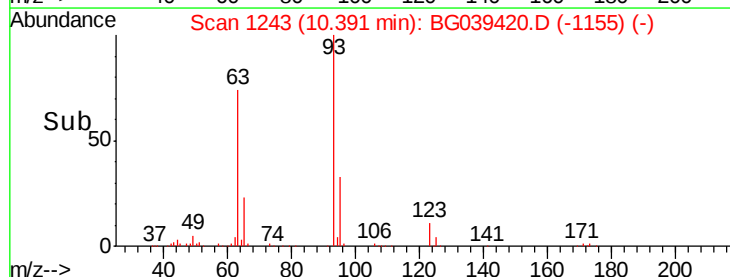
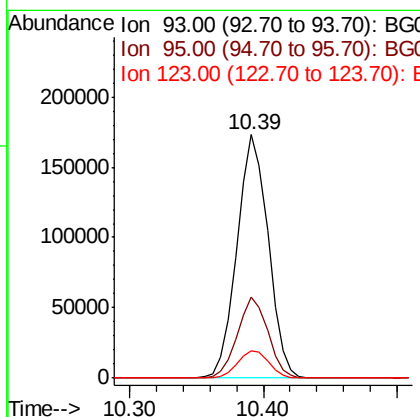
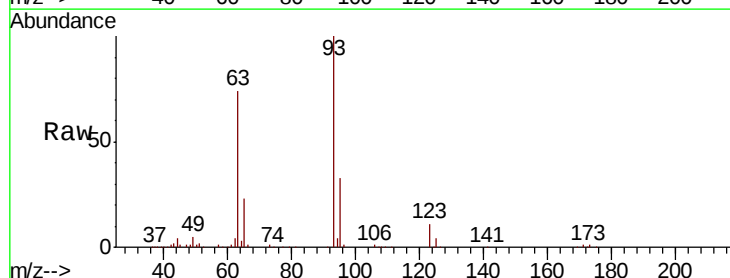
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.679 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	279281		
95	33.4	25.0	37.4	
123	11.3	8.6	12.8	





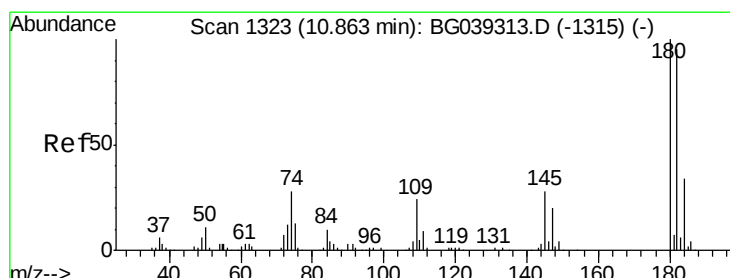
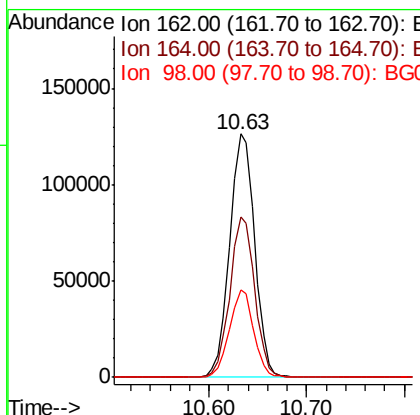
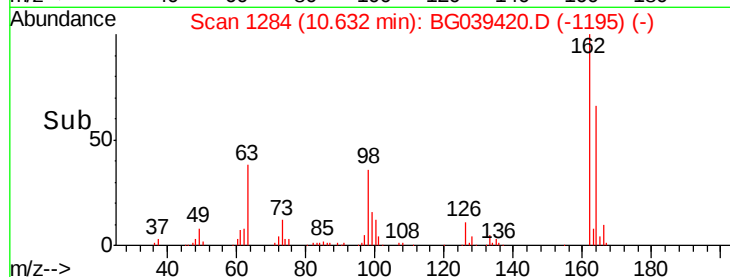
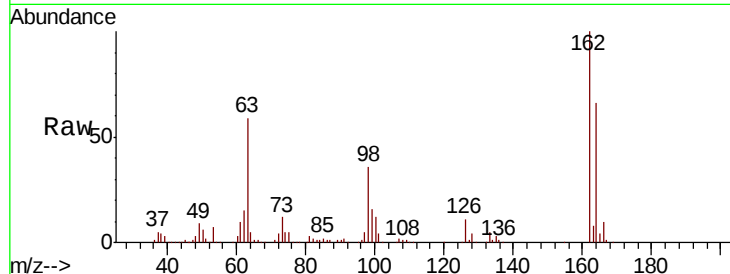
#29
 2,4-Dichlorophenol
 Concen: 56.706 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

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

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

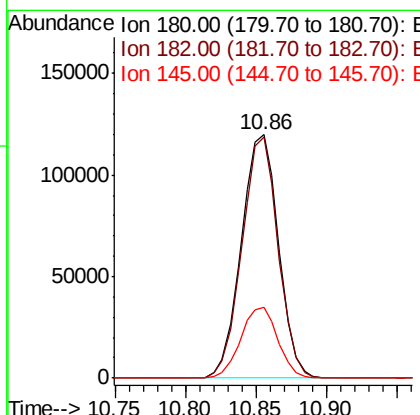
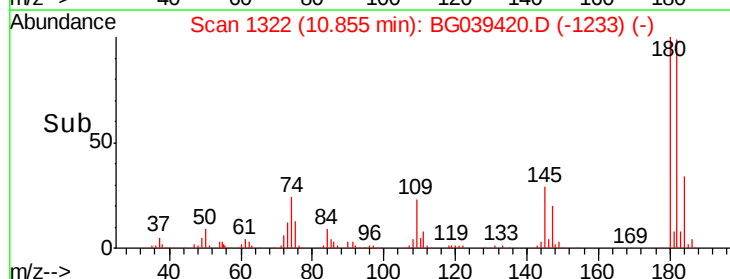
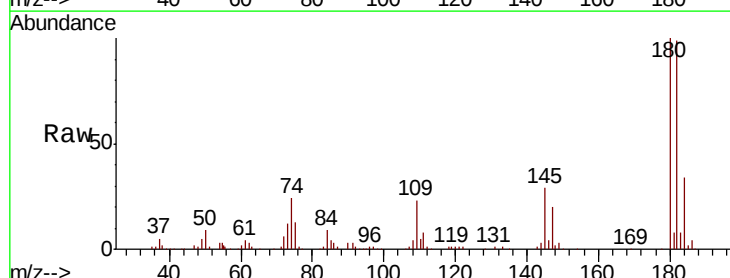
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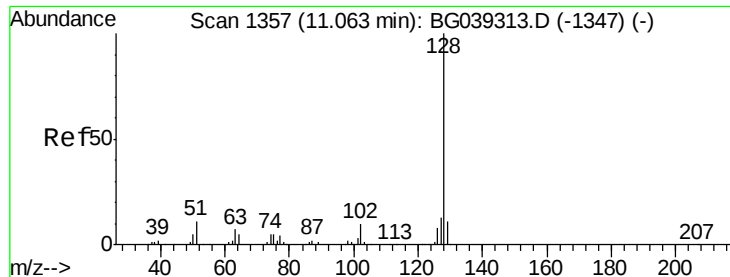
Sohil
 2/11/2019 10:13:49 AM



#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





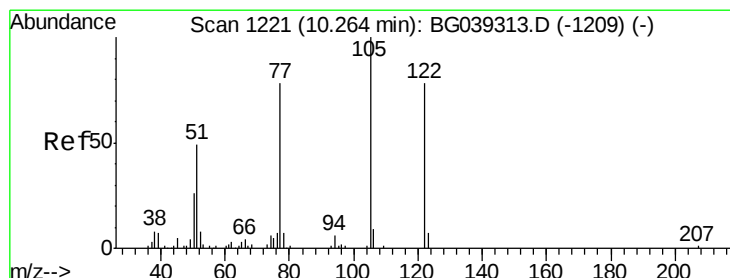
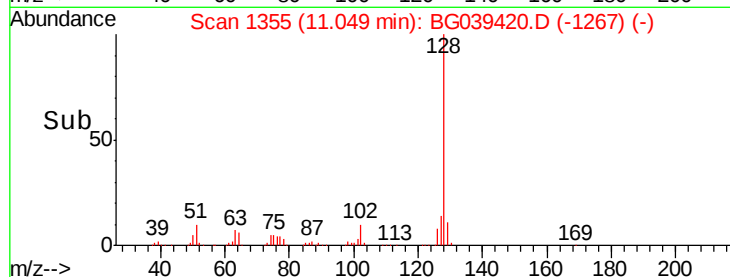
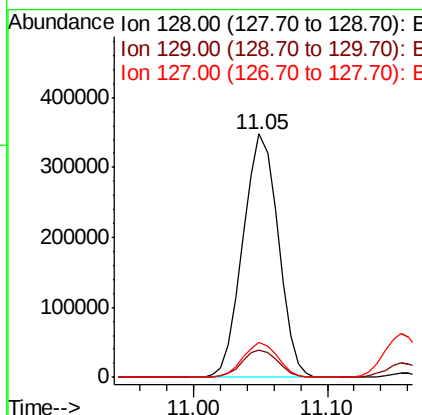
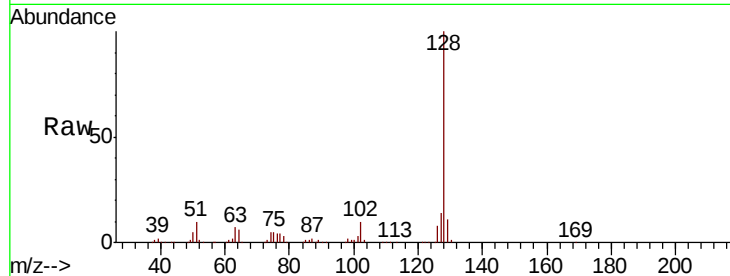
#31
Naphthalene
Concen: 50.845 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	14.2	10.8	16.2

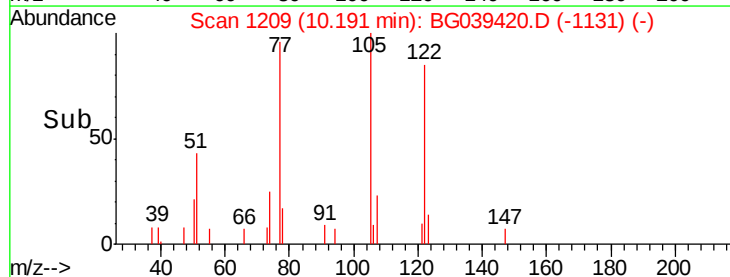
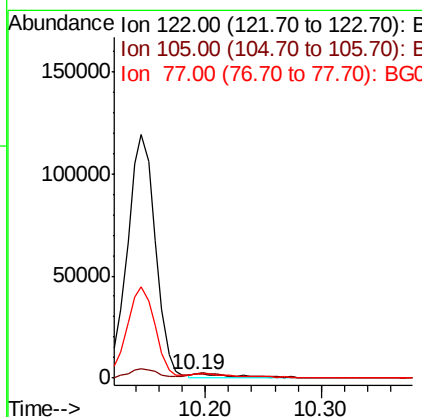
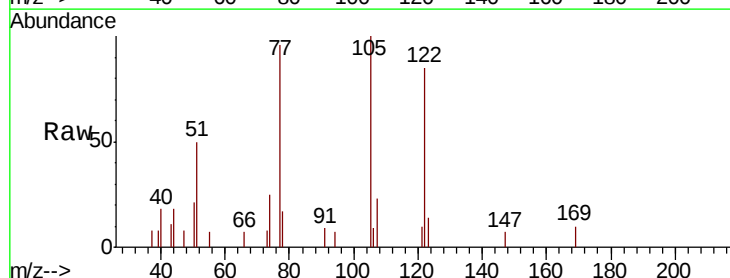
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#32
Benzoic acid
Concen: 11.153 ng m
RT: 10.19 min Scan# 1209
Delta R.T. -0.07 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	101.8	141.8
77	113.0	76.3	116.3





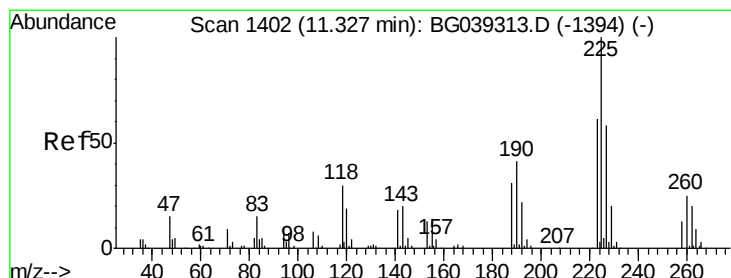
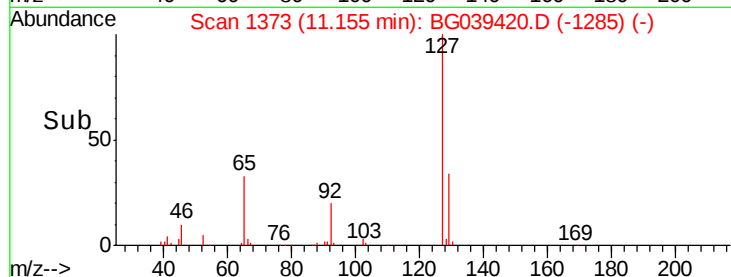
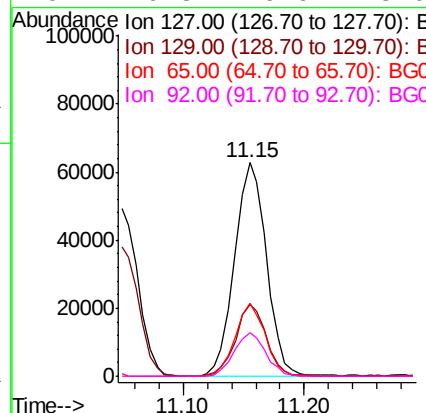
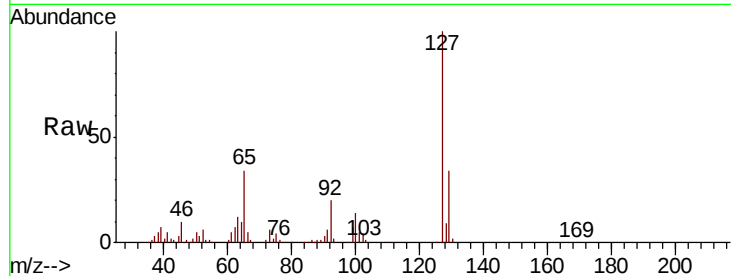
#33
4-Chloroaniline
Concen: 19.947 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Resp	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	

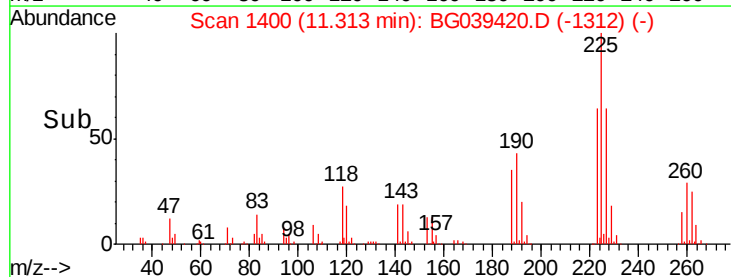
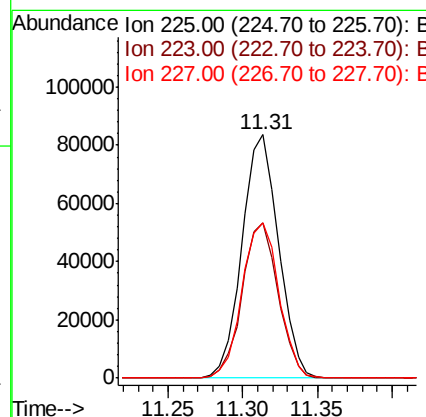
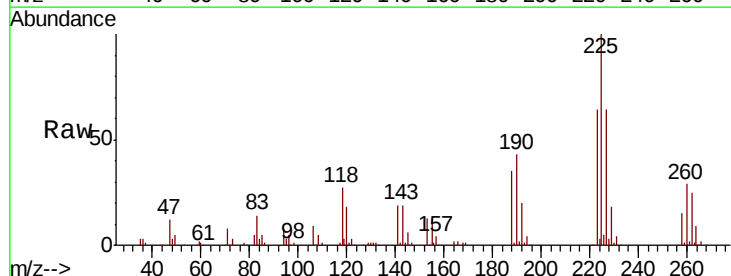
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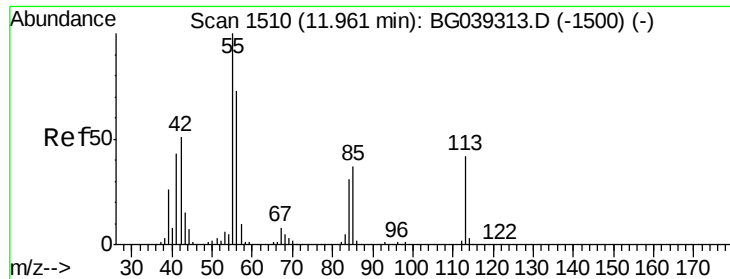
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#34
Hexachlorobutadiene
Concen: 47.935 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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





#35

Caprolactam

Concen: 48.029 ng/ml

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

Tot Ion:113 Resp: 78617

Ion Ratio Lower Upper

113 100

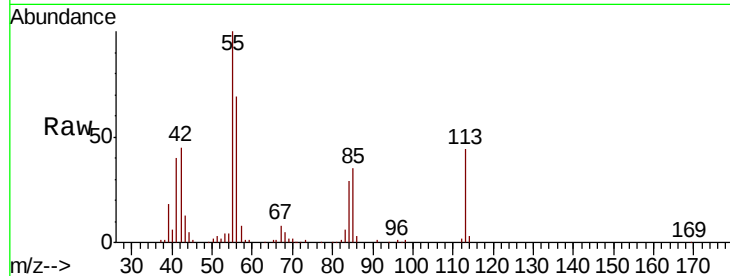
55 229.1 216.9 256.9

56 159.0 152.6 192.6

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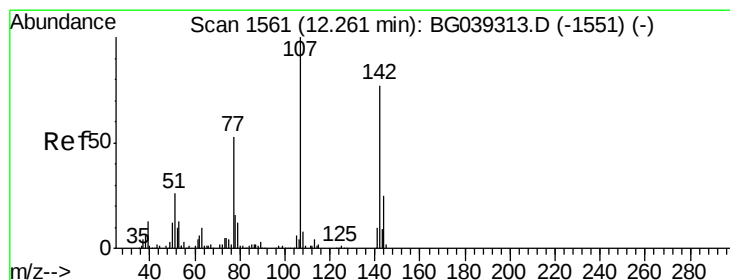
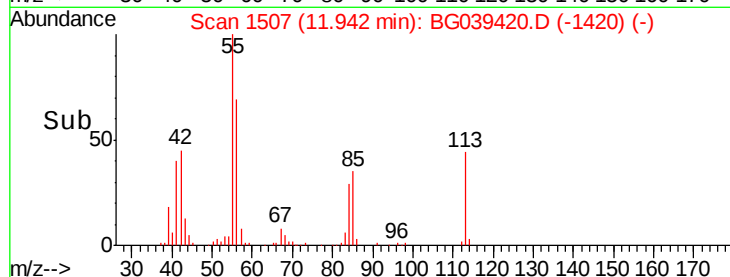
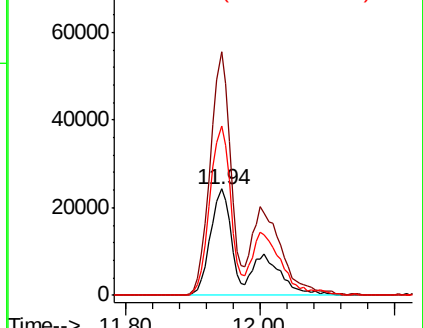
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039313.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039313.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 51.892 ng/ml

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

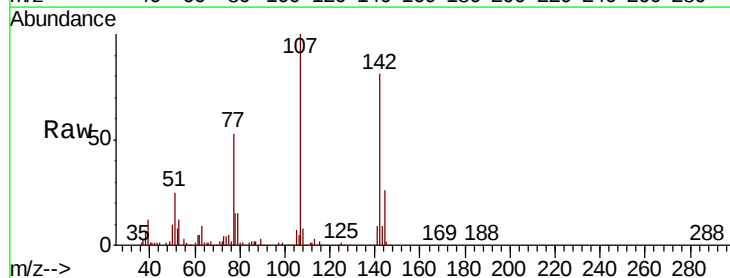
Tgt Ion:107 Resp: 237387

Ion Ratio Lower Upper

107 100

144 26.1 20.2 30.2

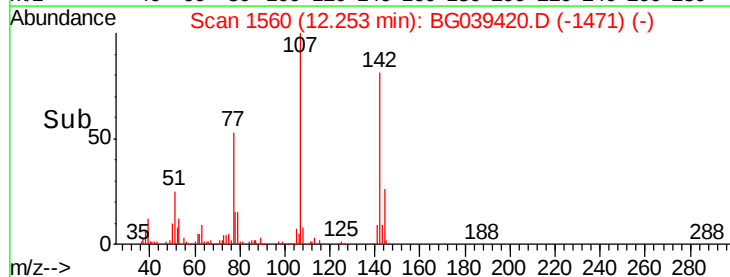
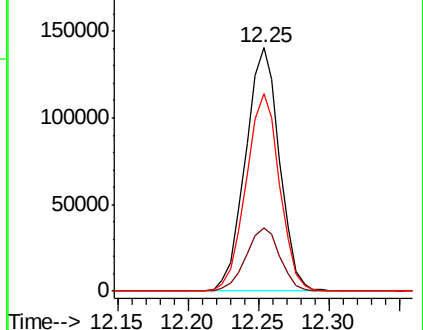
142 81.0 61.4 92.2

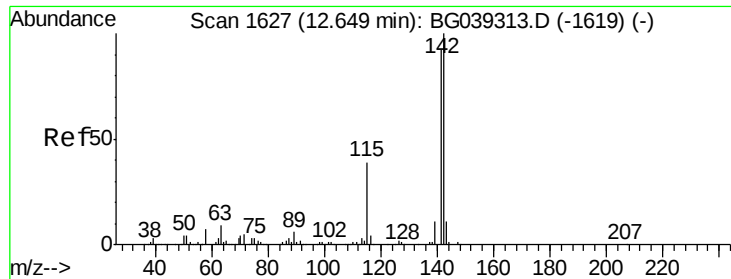


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





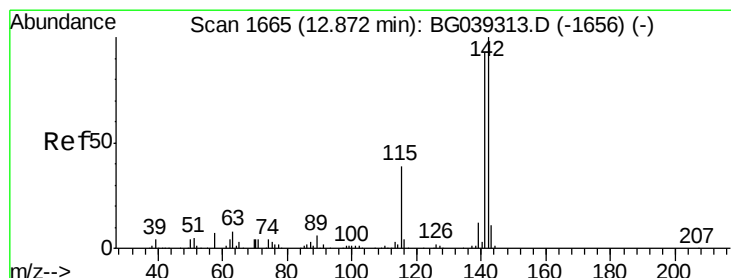
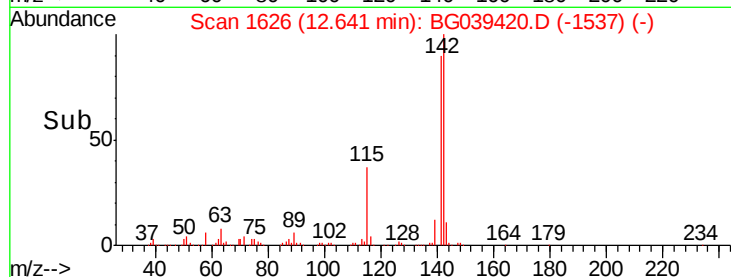
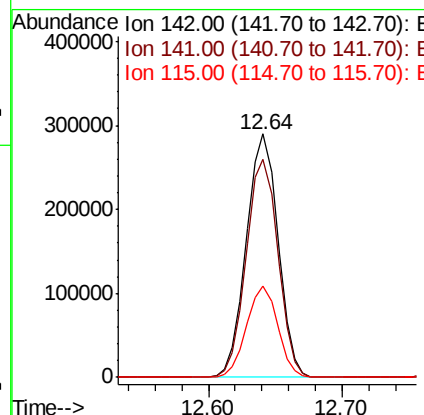
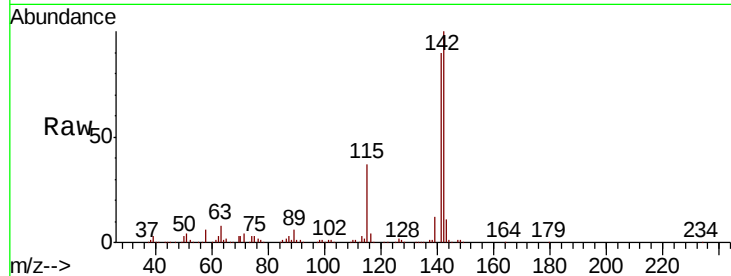
#37
2-Methylnaphthalene
Concen: 51.182 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

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

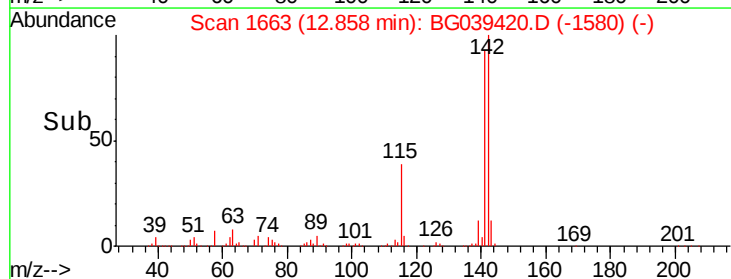
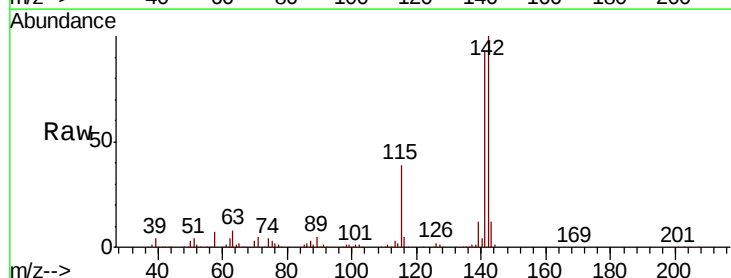
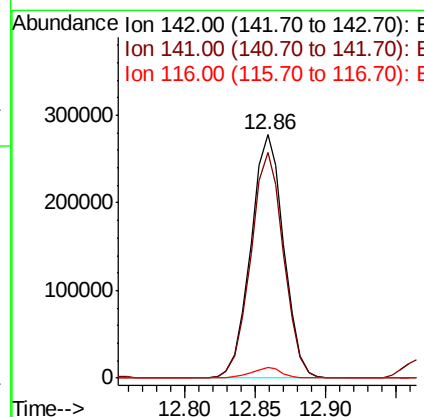
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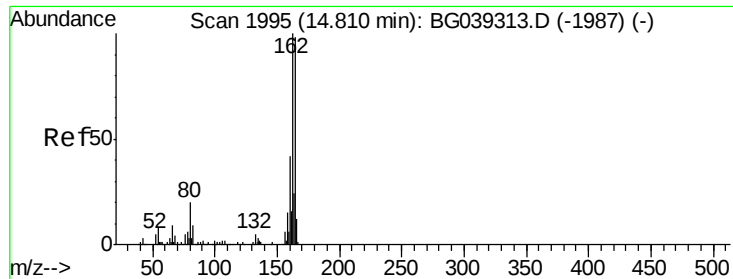
Sohil
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#38
1-Methylnaphthalene
Concen: 50.849 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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





#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

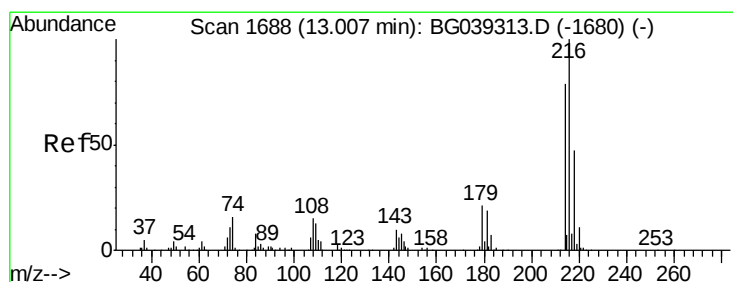
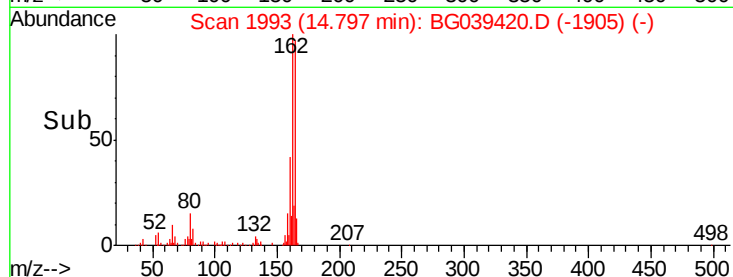
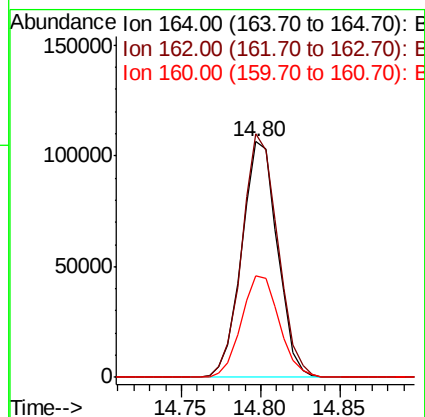
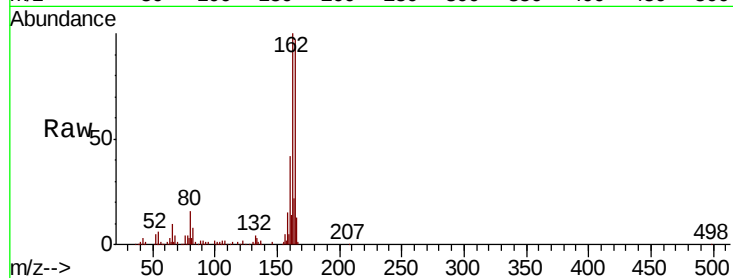
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot Ion:	164	Resp:	166100
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.6	122.4
160	43.2	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.256 ng

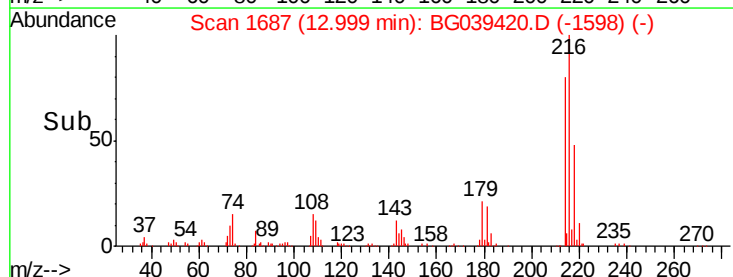
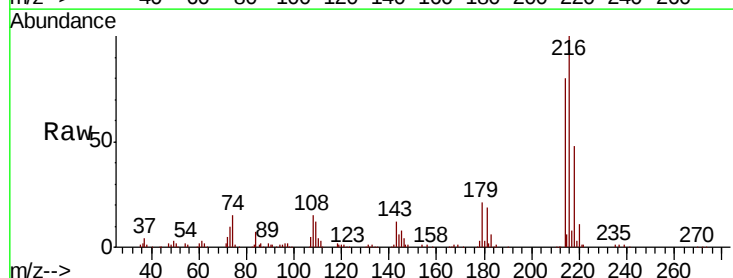
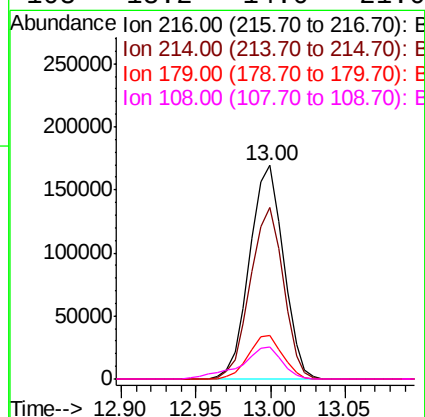
RT: 13.00 min Scan# 1687

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





#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

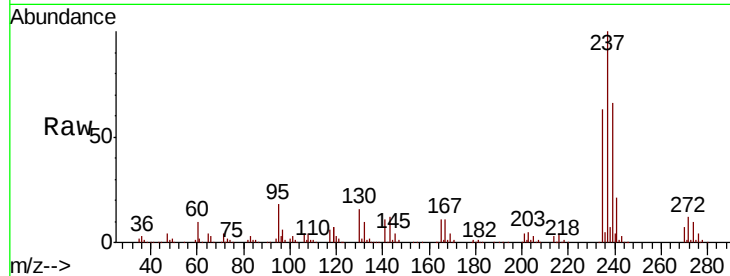
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

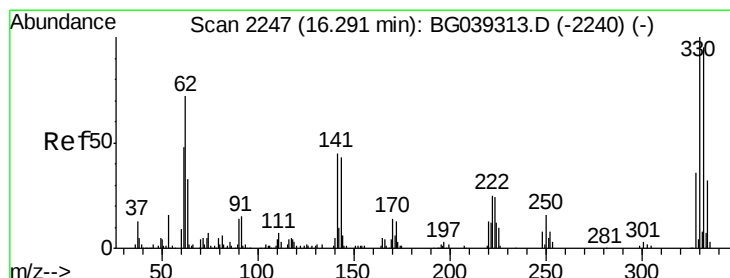
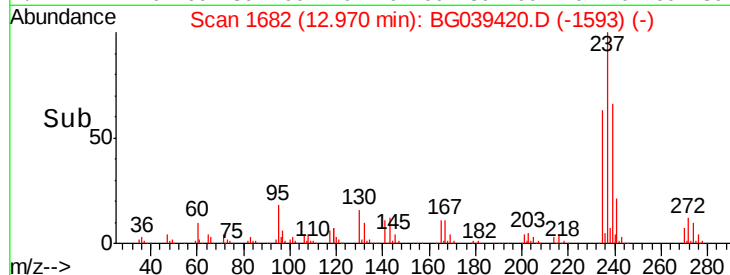
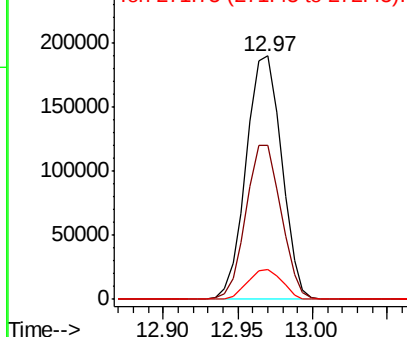
Tot Ion:	237	Resp:	312845
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.3	83.3
272	12.5	0.0	32.3

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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

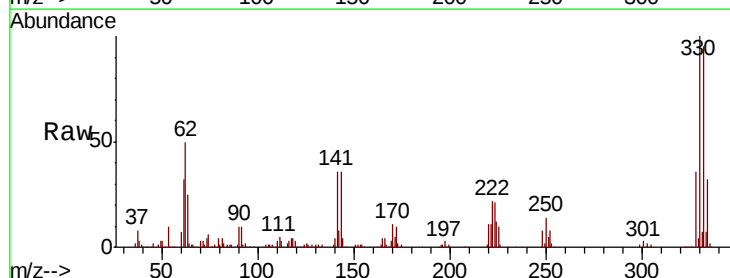
RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

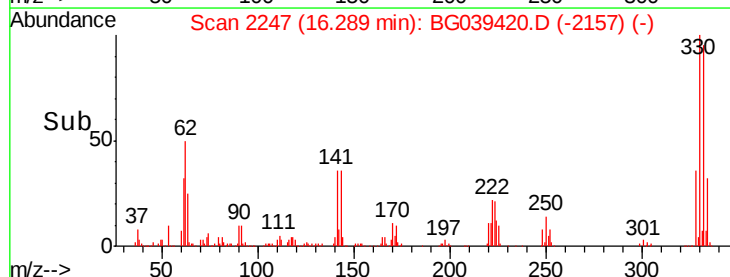
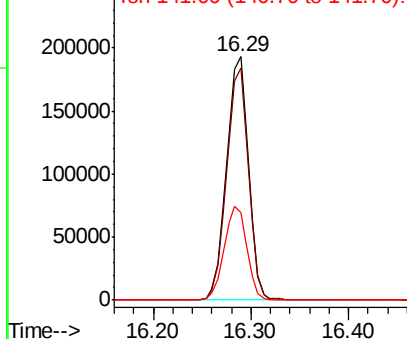
Lab File: BG039420.D

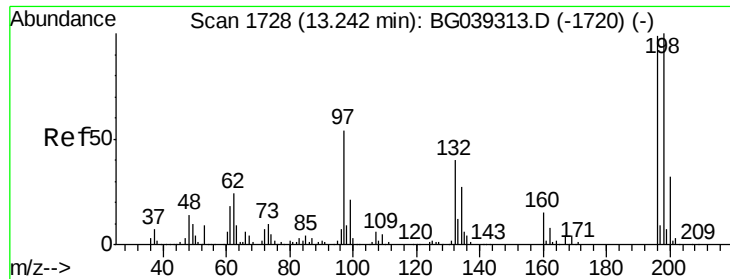
Acq: 8 Feb 2019 17:57

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





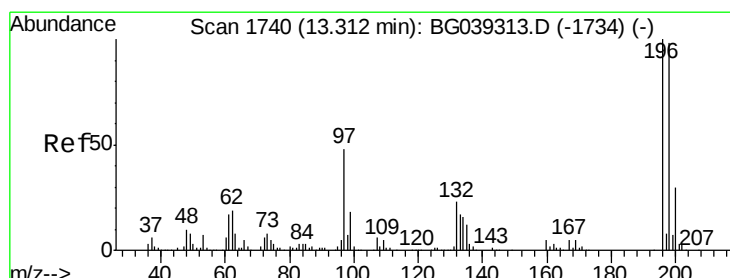
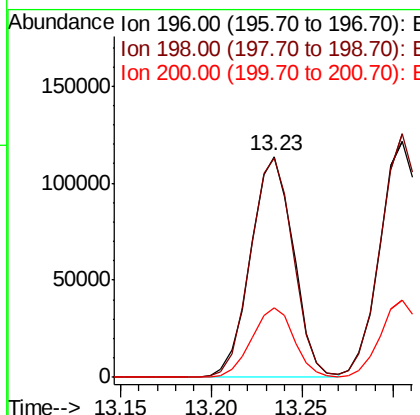
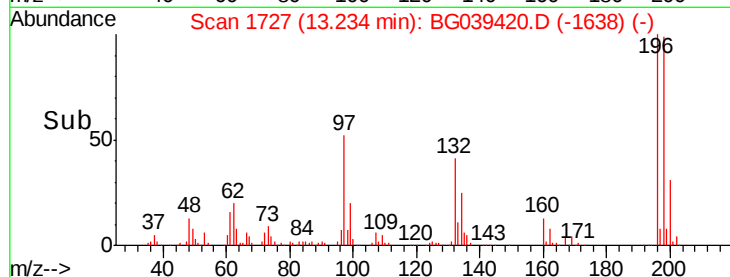
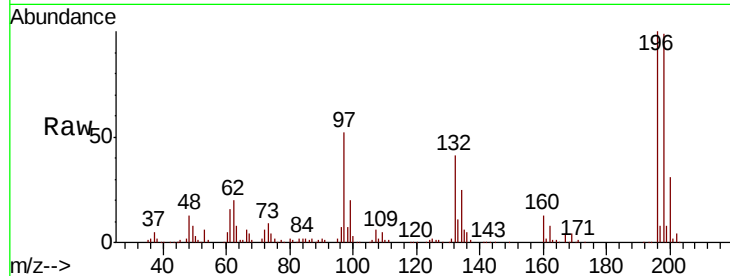
#43
 2,4,6-Trichlorophenol
 Concen: 57.261 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

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

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

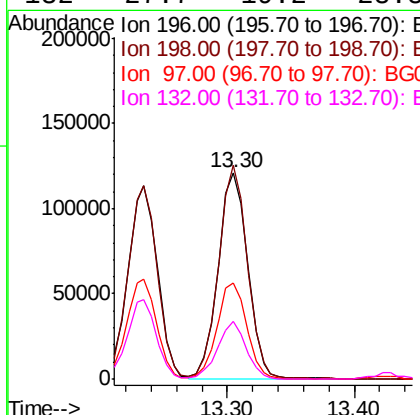
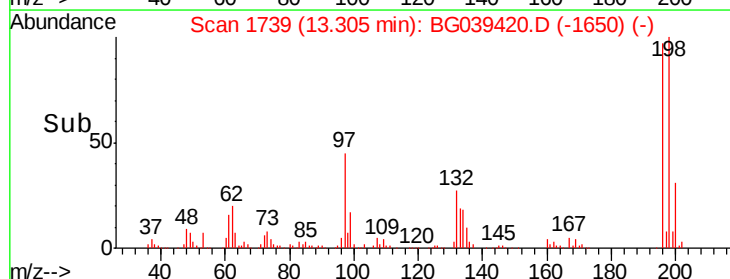
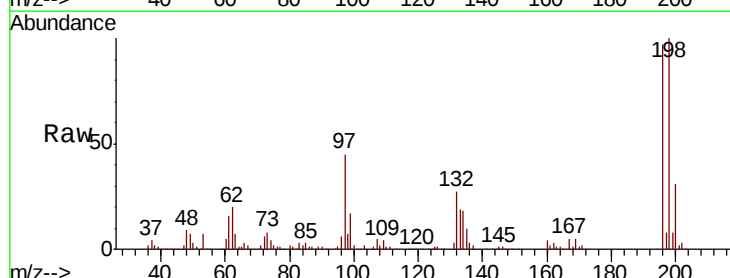
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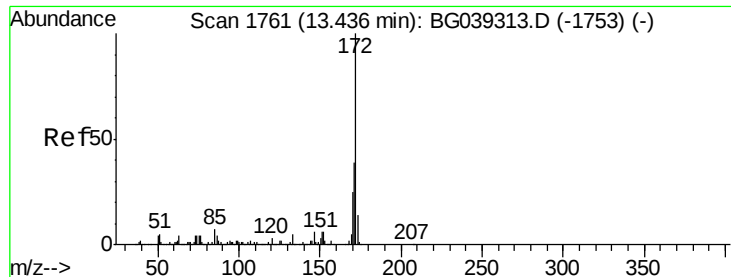
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#44
 2,4,5-Trichlorophenol
 Concen: 57.613 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

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





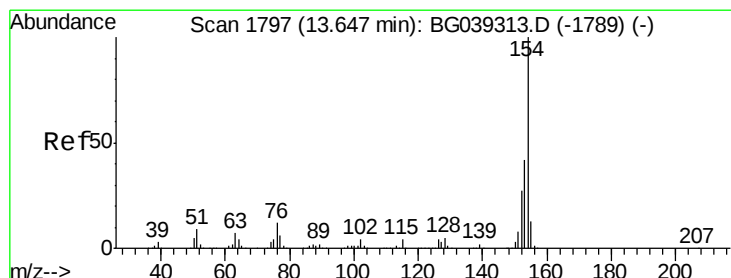
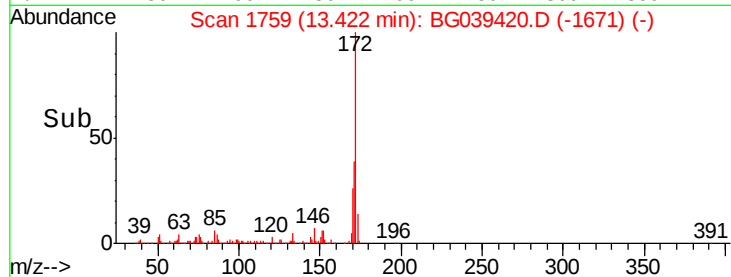
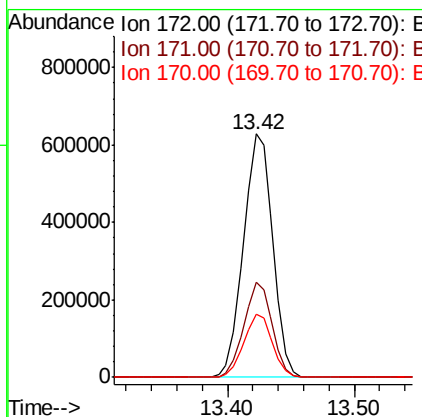
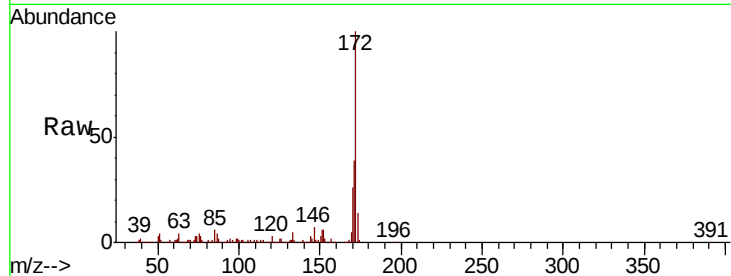
#45
2-Fluorobiphenyl
Concen: 86.905 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.8	46.2
170	25.9	20.2	30.4

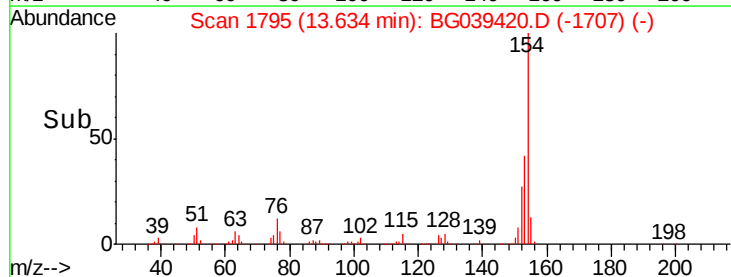
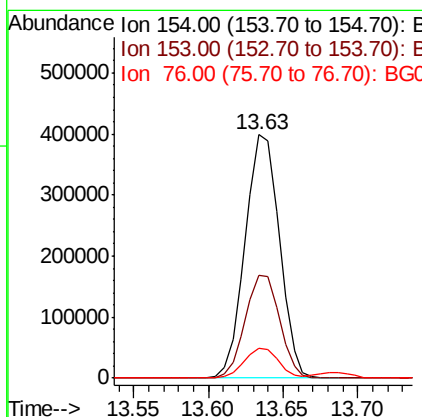
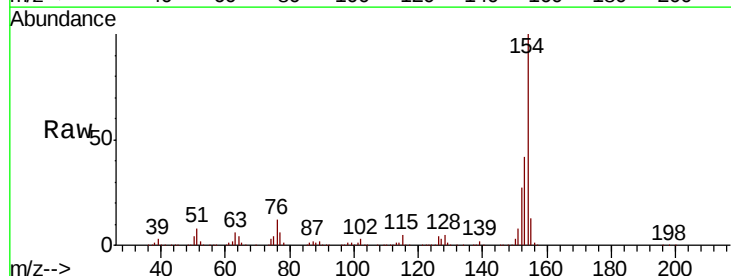
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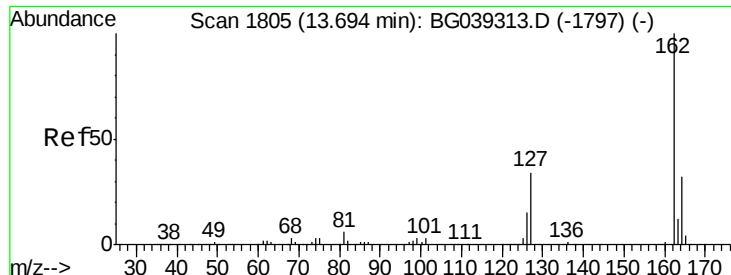
Sohil
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#46
1,1'-Biphenyl
Concen: 45.858 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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





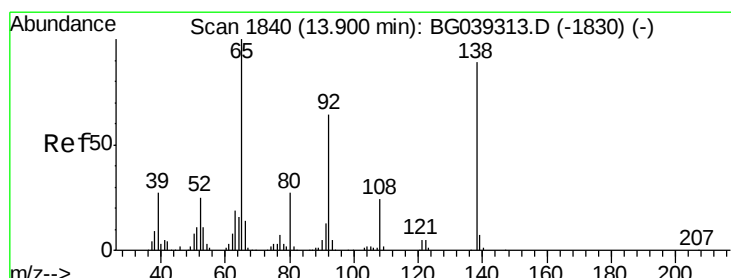
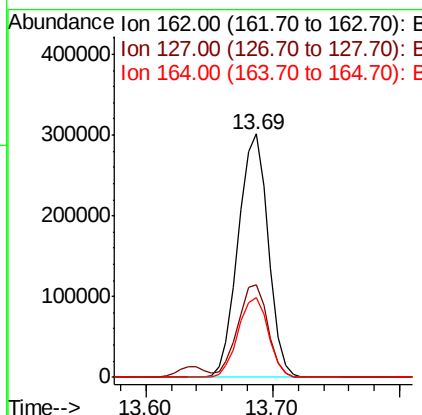
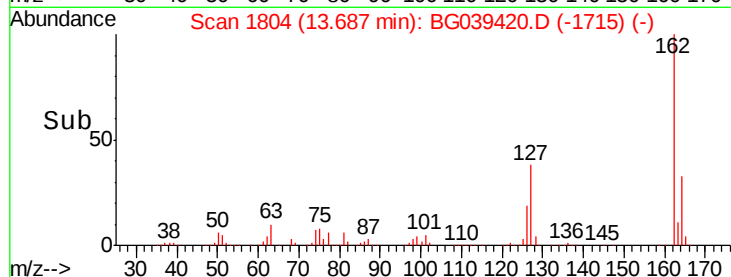
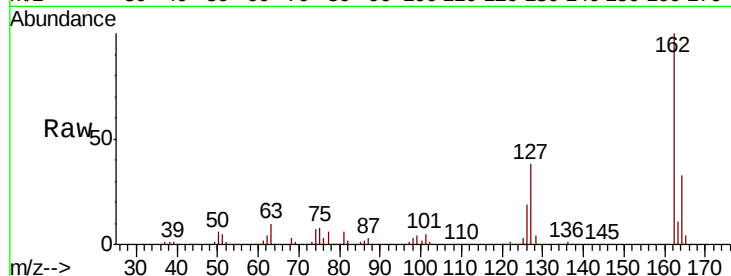
#47
2-Chloronaphthalene
Concen: 47.586 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.0	46.6
164	32.8	25.7	38.5

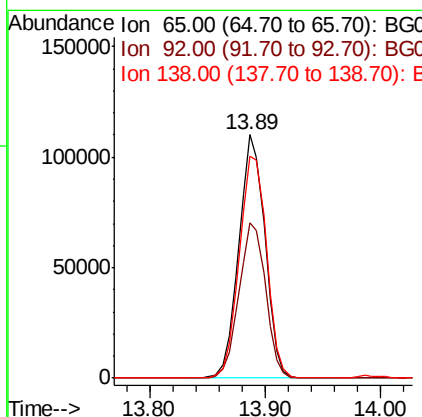
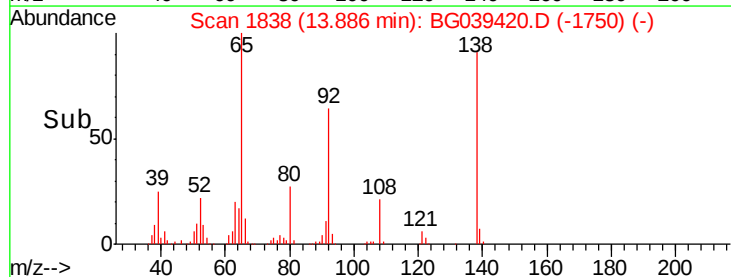
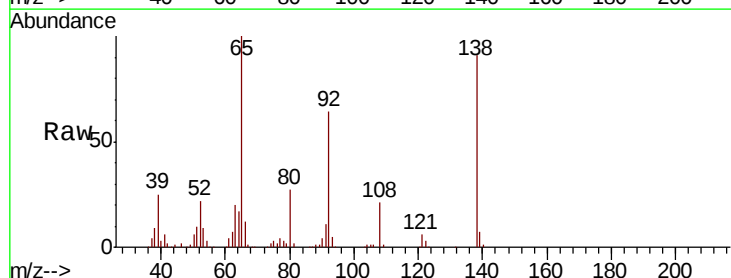
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#48
2-Nitroaniline
Concen: 56.076 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion	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

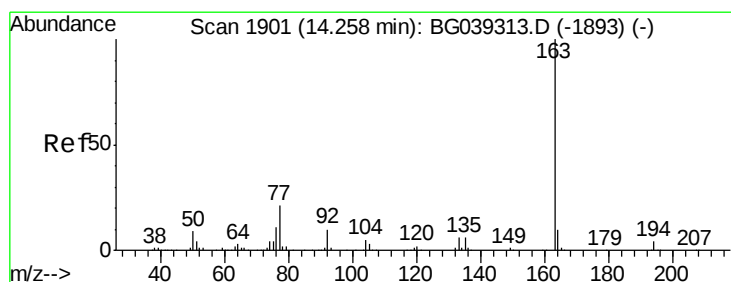
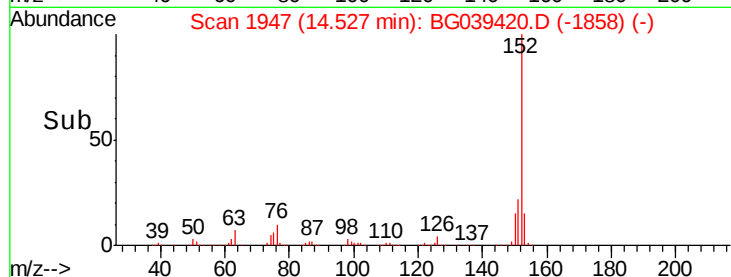
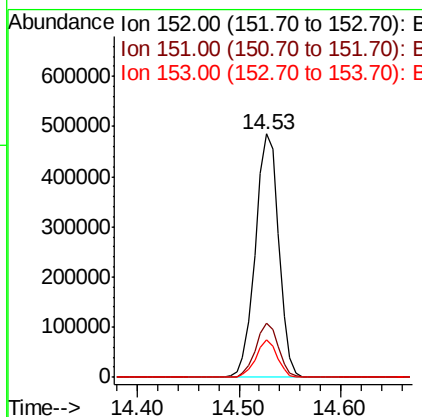
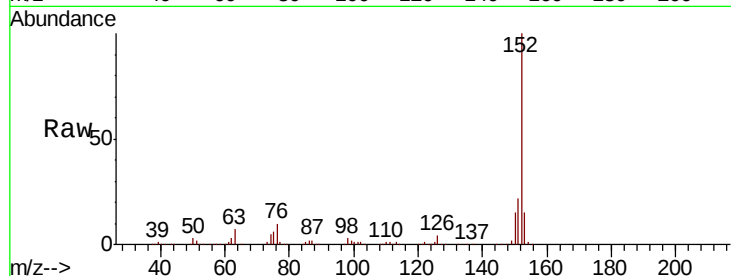
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot Ion:	152	Resp:	782429
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.8	25.2
153	15.3	11.7	17.5

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#50

Dimethylphthalate

Concen: 56.513 ng

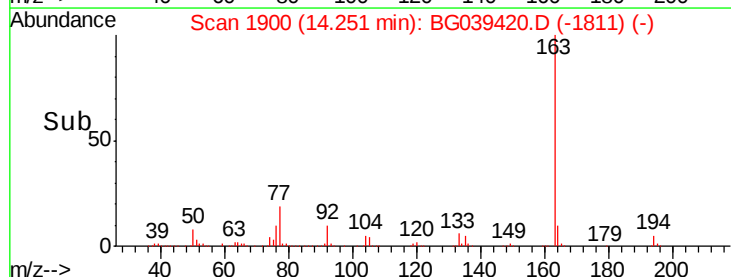
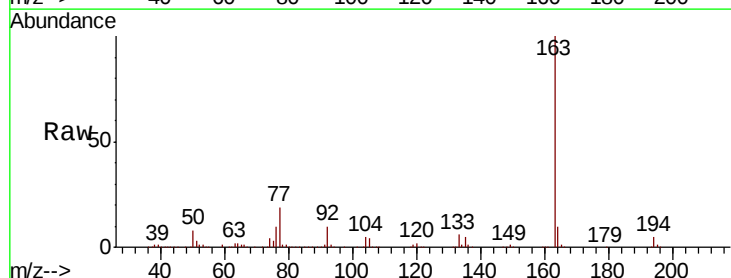
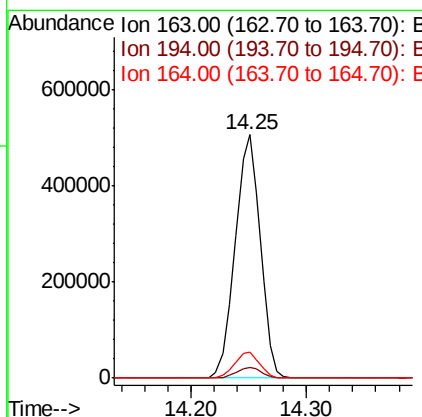
RT: 14.25 min Scan# 1900

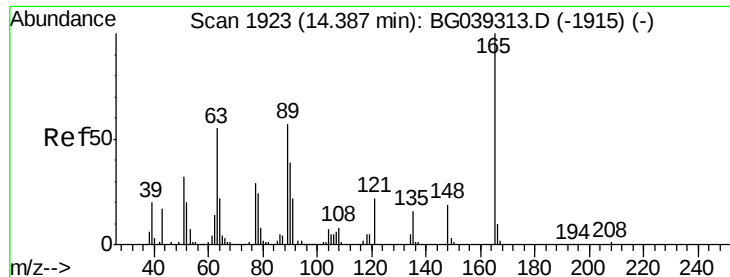
Delta R.T. -0.01 min

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





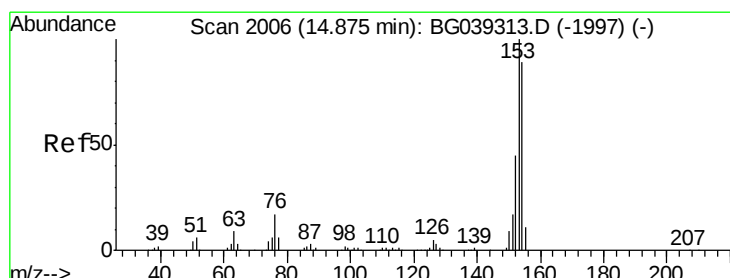
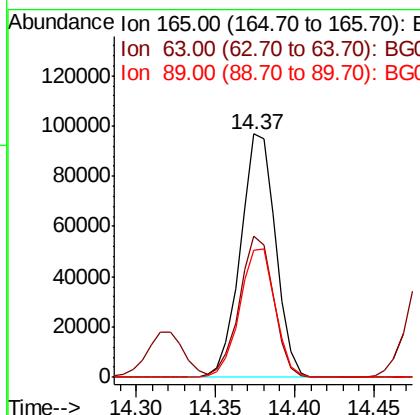
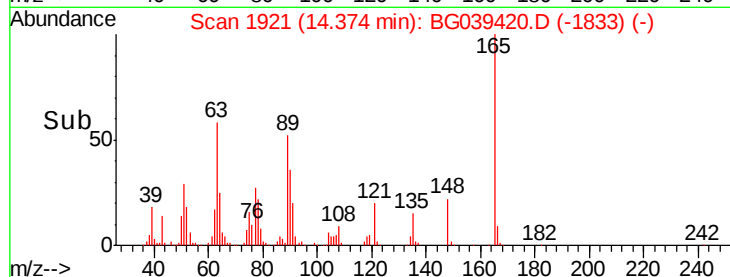
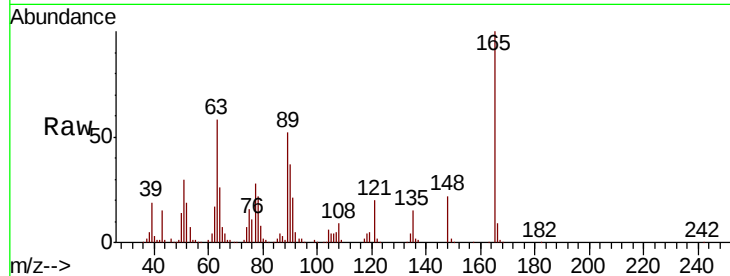
#51
2,6-Dinitrotoluene
Concen: 57.650 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.2	47.0	70.6
89	52.5	45.8	68.8

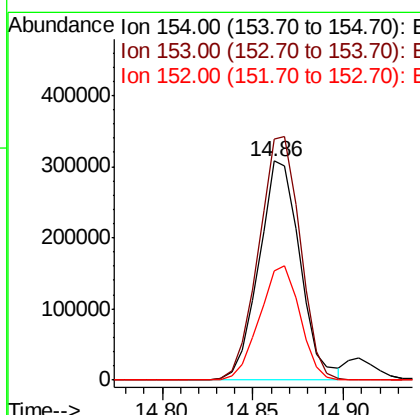
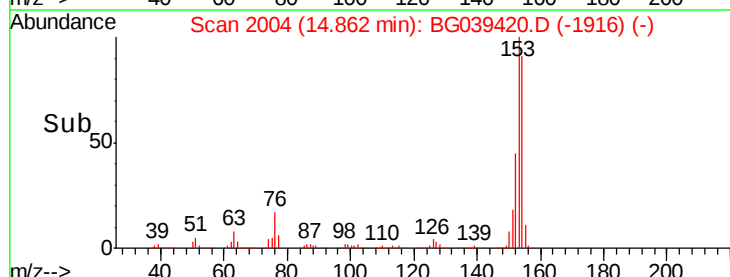
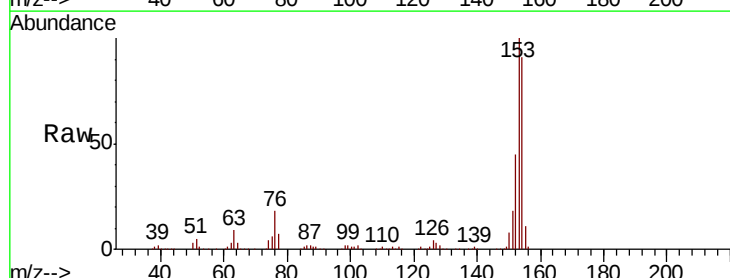
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#52
Acenaphthene
Concen: 47.789 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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





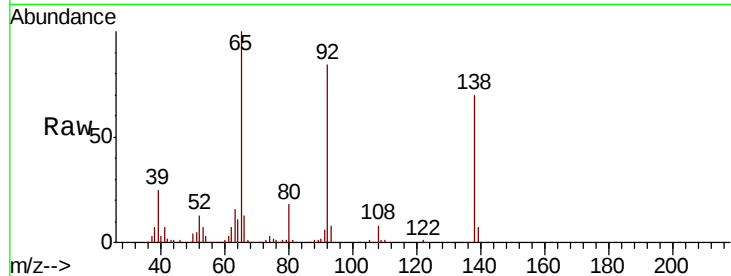
#53
3-Nitroaniline
Concen: 36.715 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

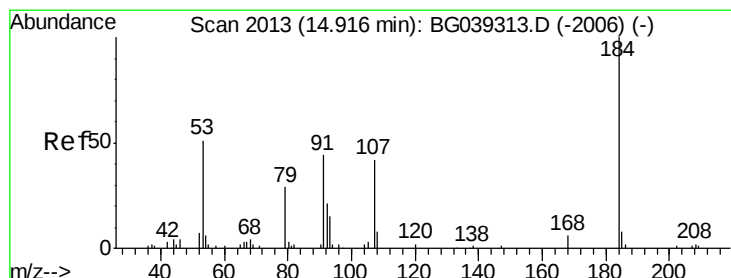
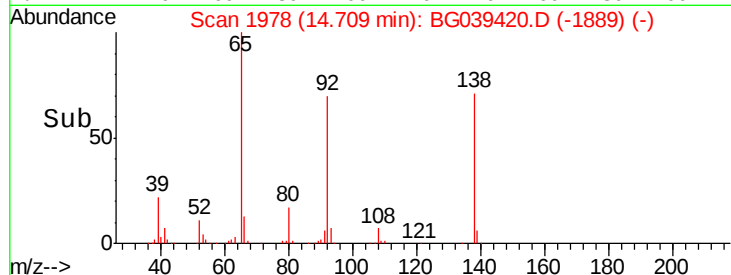
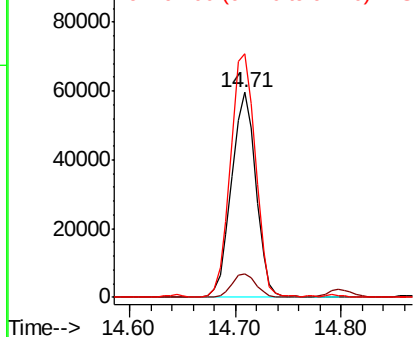
Tot Ion:138 Resp: 95135
Ion Ratio Lower Upper
138 100
108 11.4 13.8 20.8#
92 119.0 103.7 155.5

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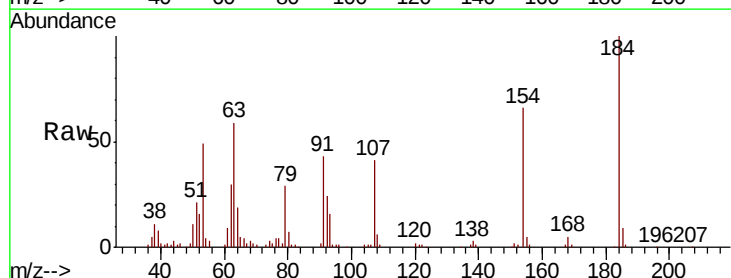


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

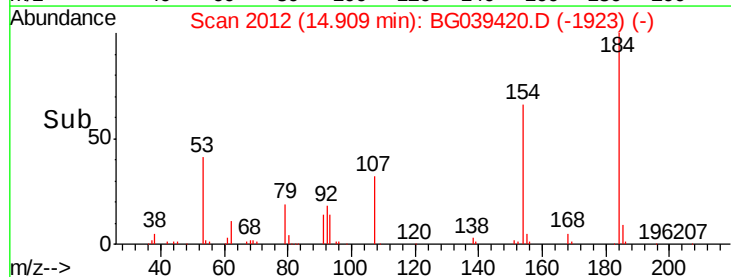
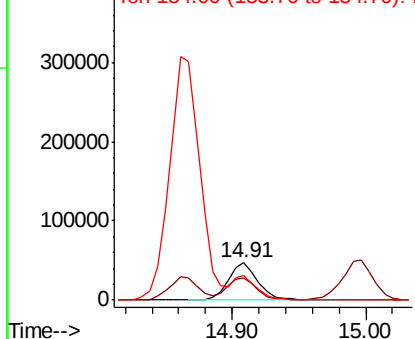


#54
2,4-Dinitrophenol
Concen: 70.290 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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





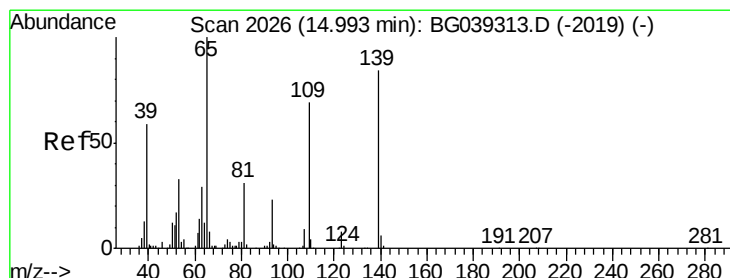
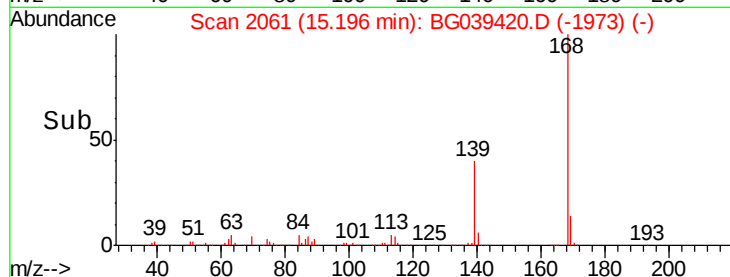
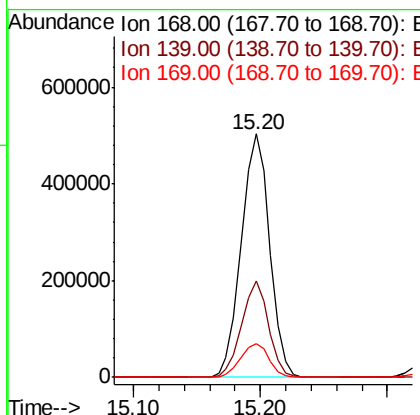
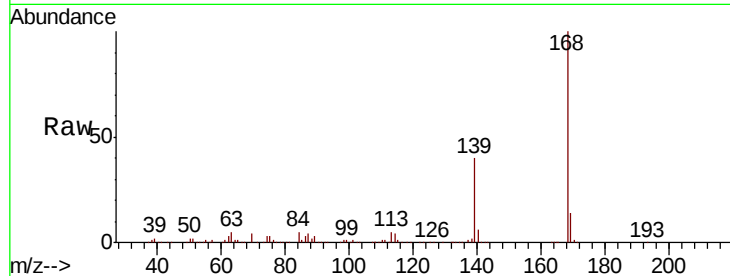
#55
Dibenzofuran
Concen: 47.592 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	14.0	10.6	16.0

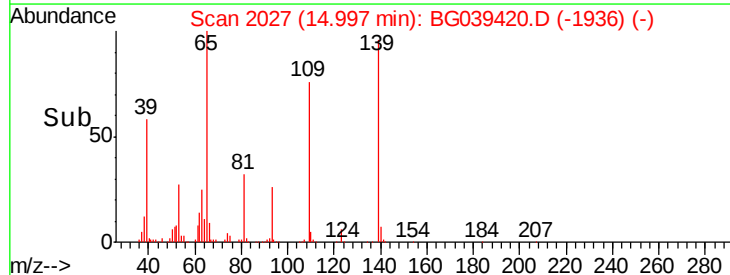
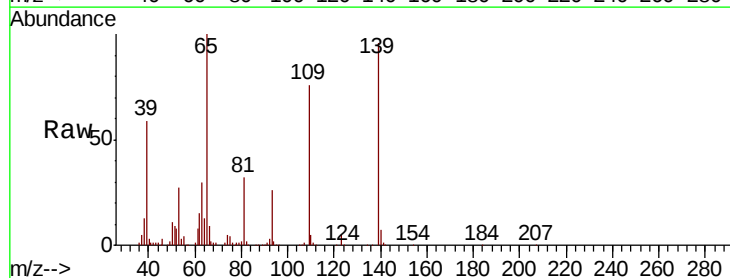
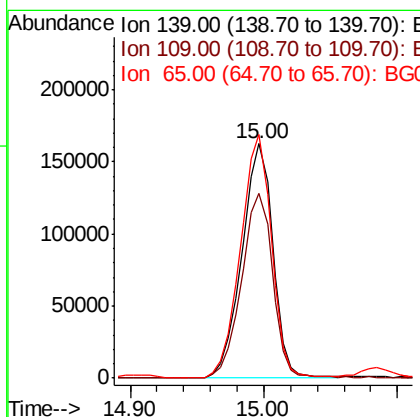
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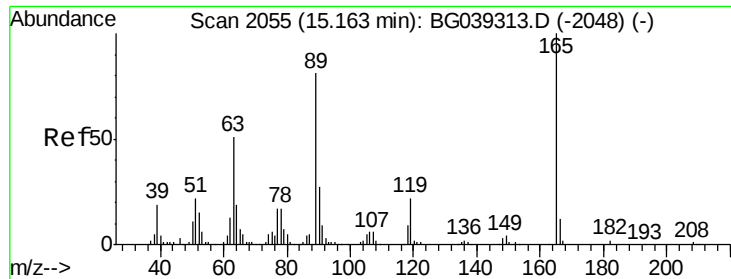
Sohil
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#56
4-Nitrophenol
Concen: 105.808 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

Tgt Ion	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

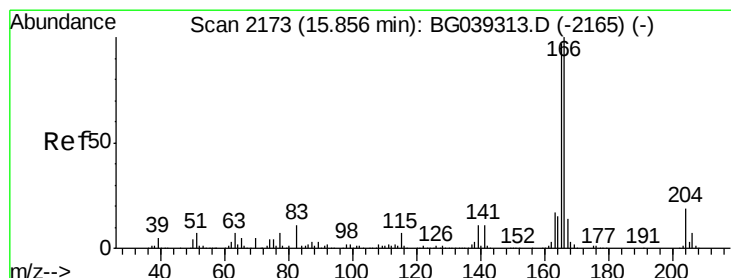
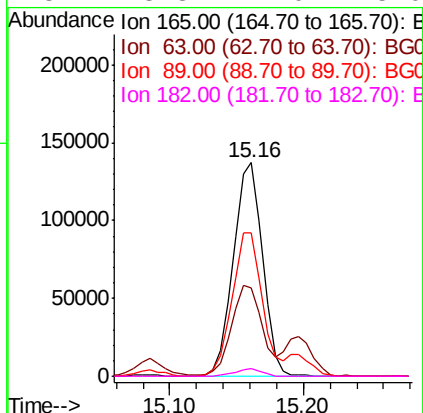
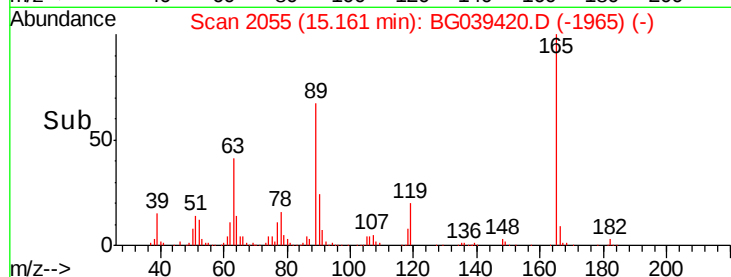
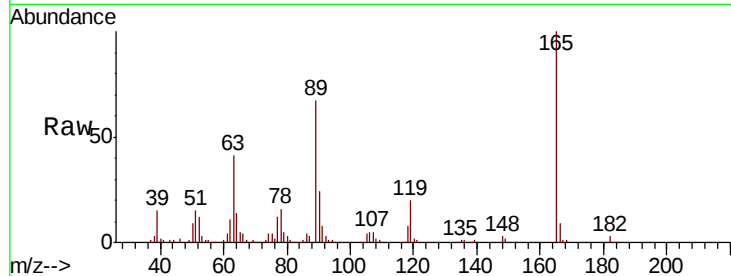
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot 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#

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#58

Fluorene

Concen: 50.031 ng

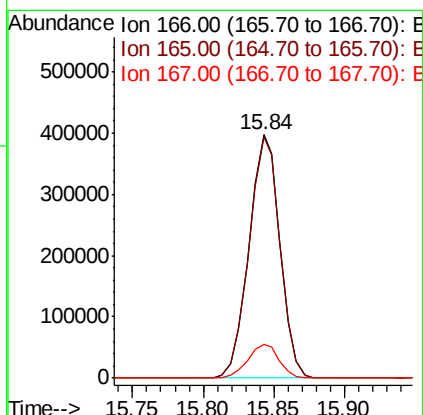
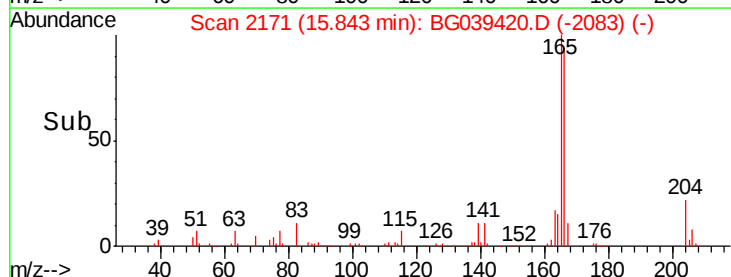
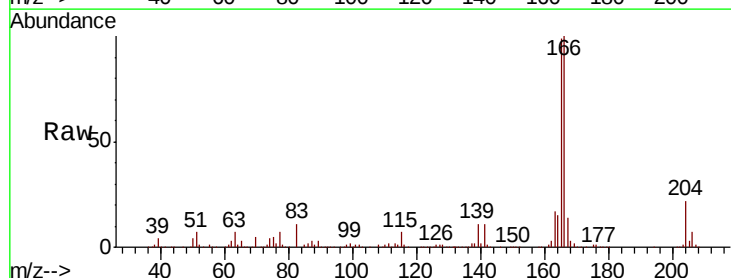
RT: 15.84 min Scan# 2171

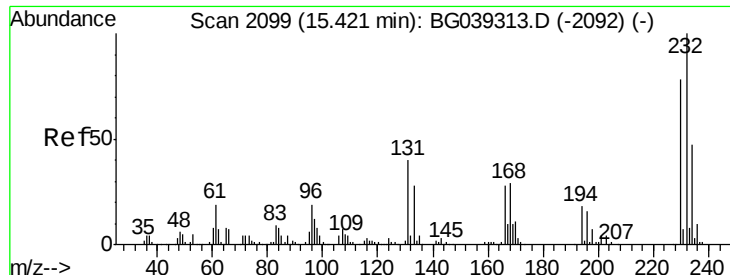
Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

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





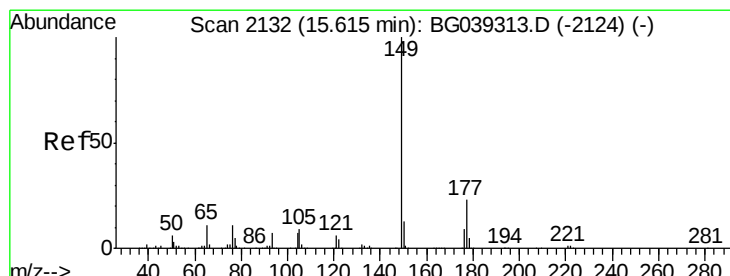
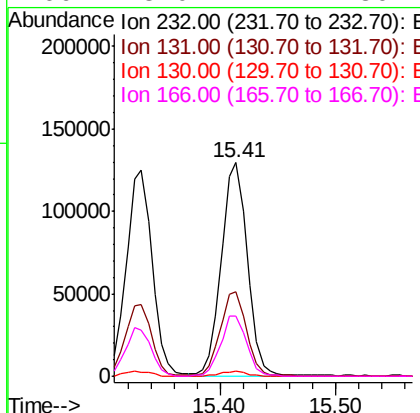
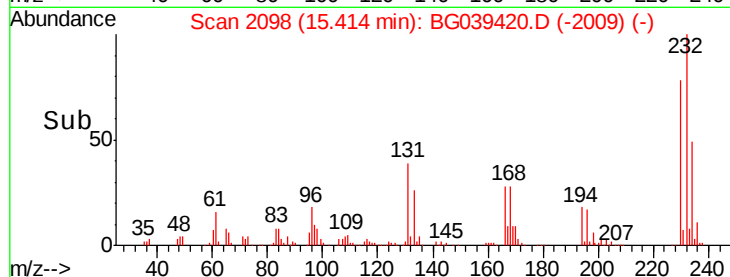
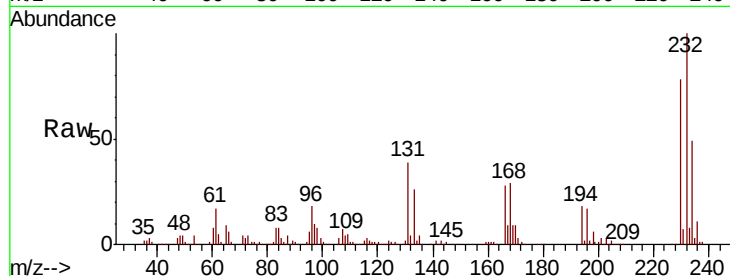
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 63.445 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

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

Tot 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

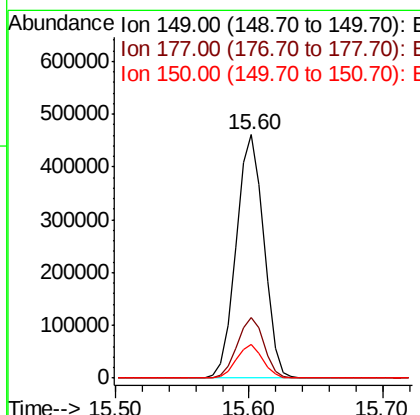
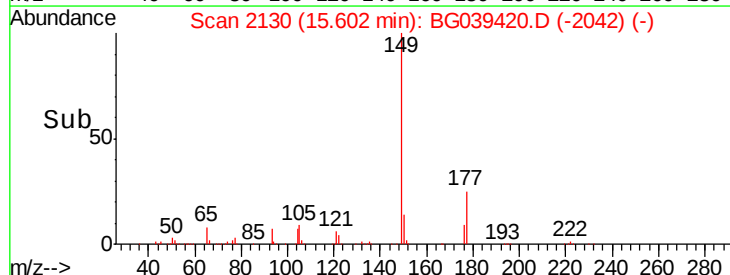
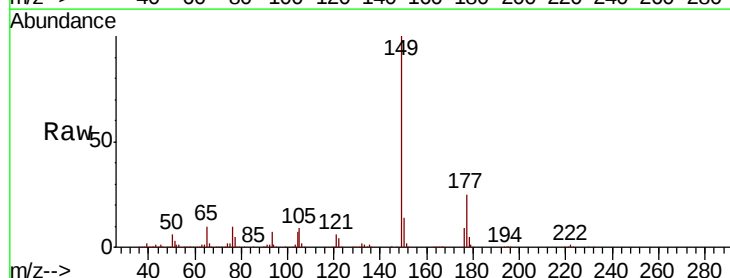
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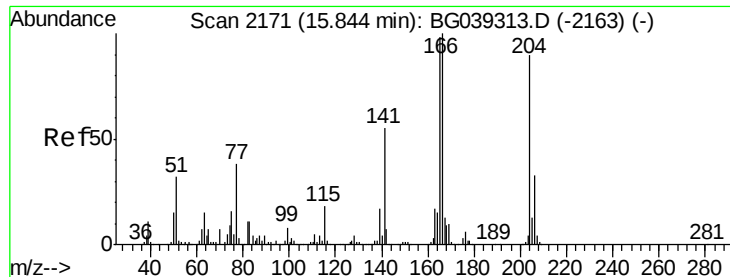
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 2/11/2019 10:13:49 AM



#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	Ratio	Lower	Upper
149	100		
177	25.1	18.3	27.5
150	13.8	10.2	15.2





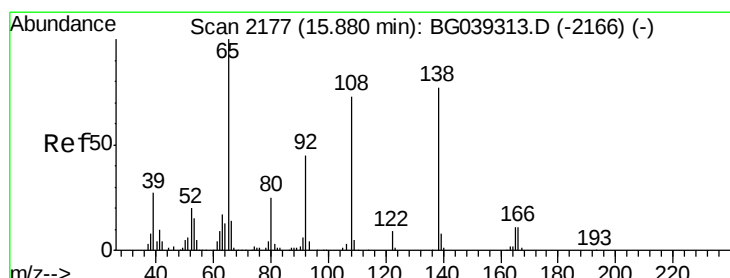
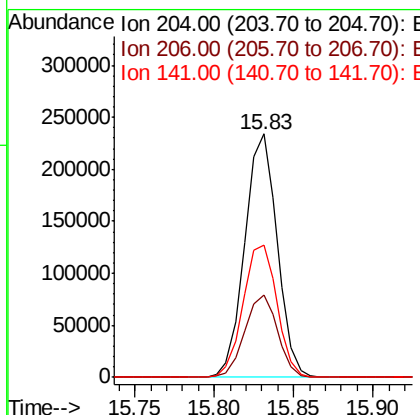
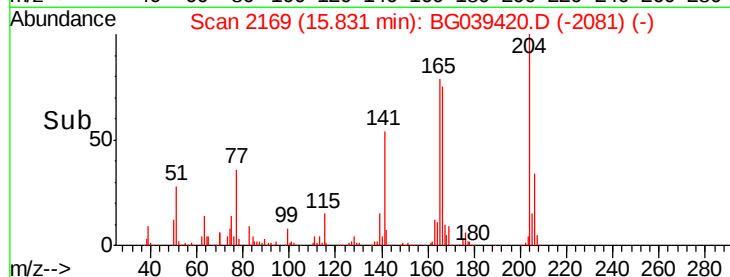
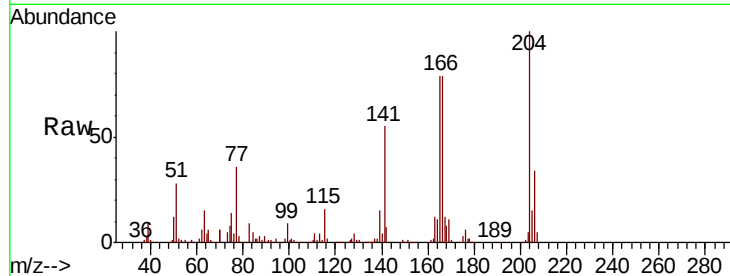
#61
4-Chlorophenyl-phenylether
Concen: 48.172 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	29.2	43.8
141	54.5	49.0	73.4

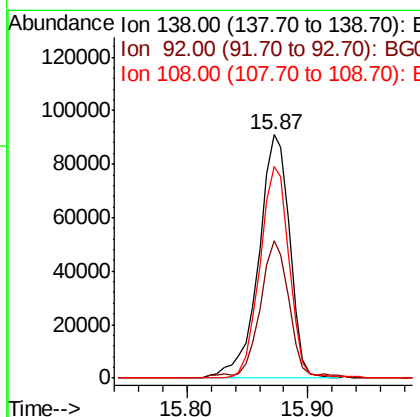
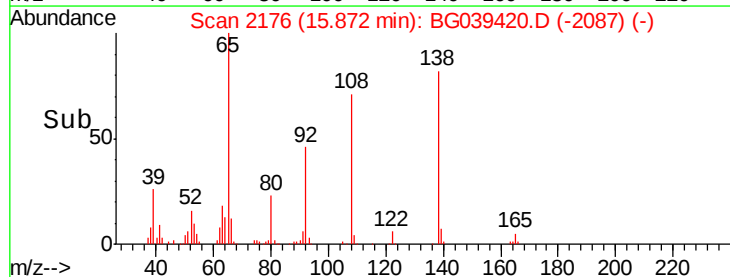
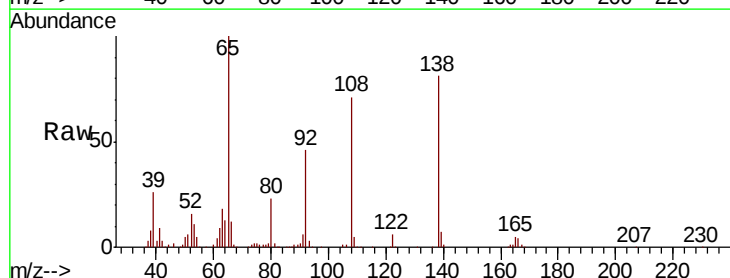
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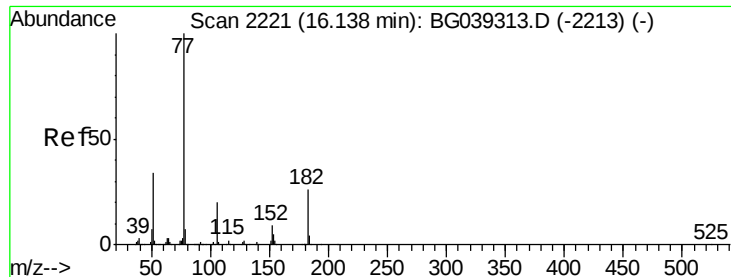
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#62
4-Nitroaniline
Concen: 56.577 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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





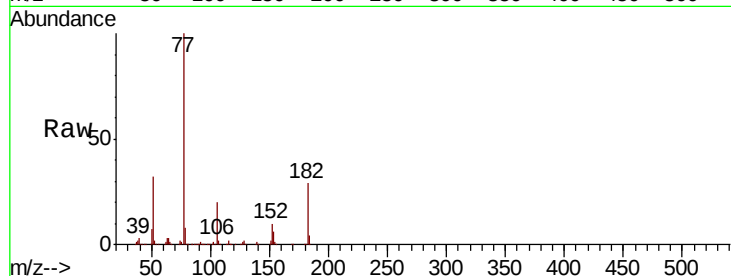
#63
Azobenzene
Concen: 43.415 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot 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

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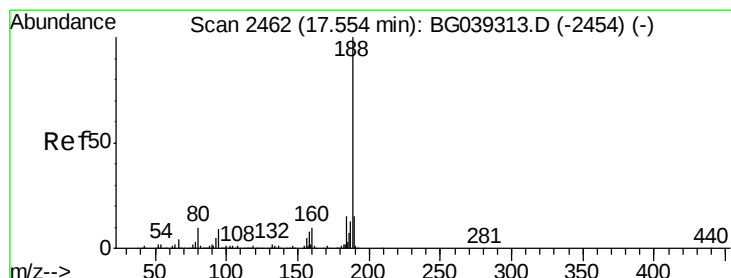
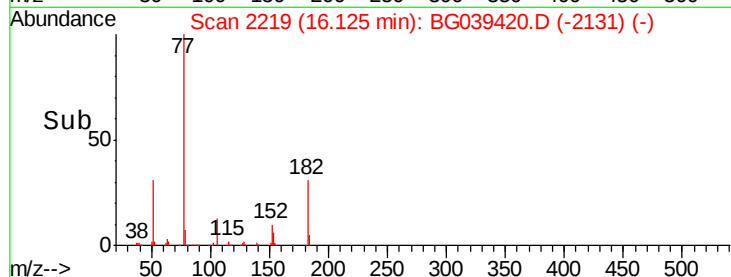
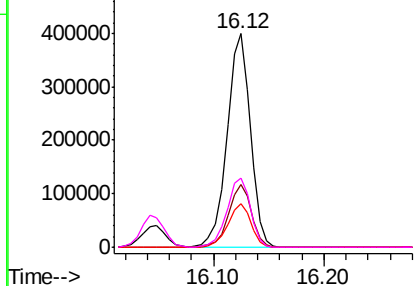
Abundance

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

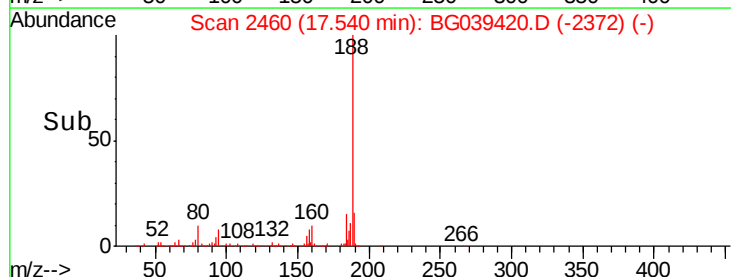
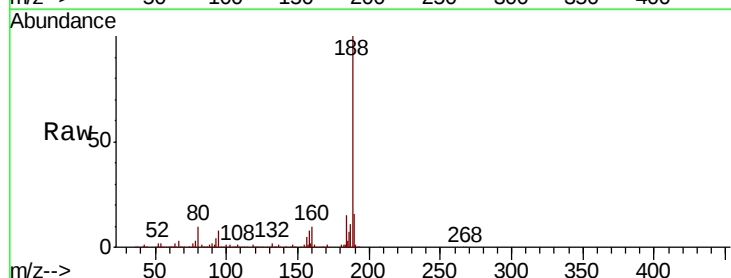
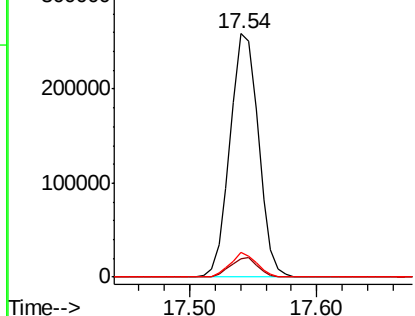
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	10.2	8.1	12.1

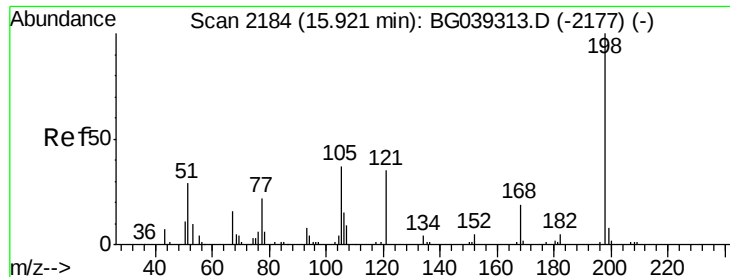
Abundance

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

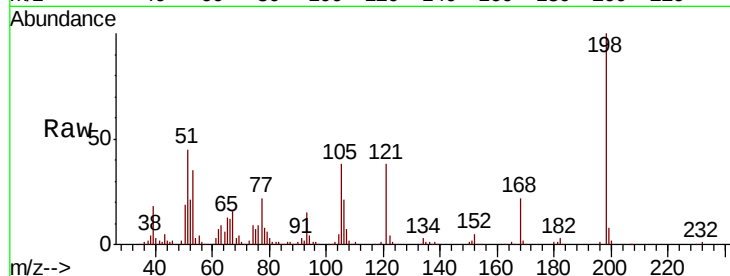
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

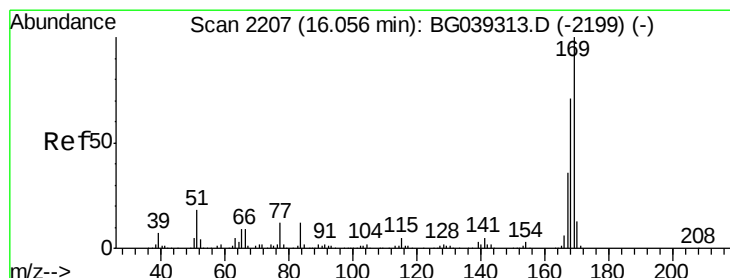
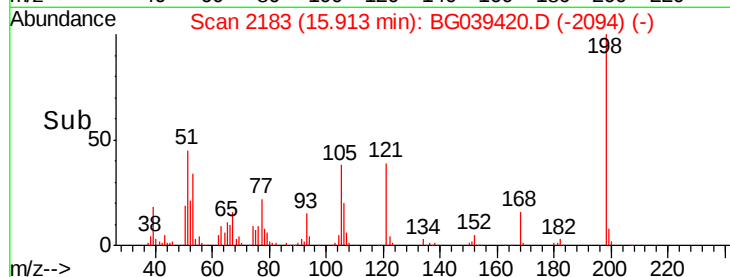
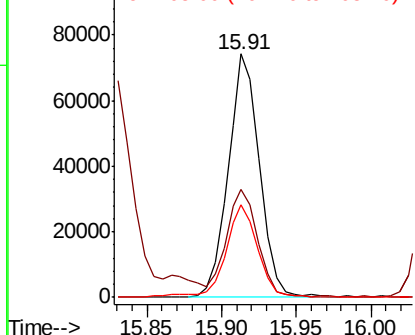
Tot Ion:	198	Resp:	108401
Ion Ratio	Lower	Upper	
198	100		
51	44.6	27.4	67.4
105	38.0	19.7	59.7

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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

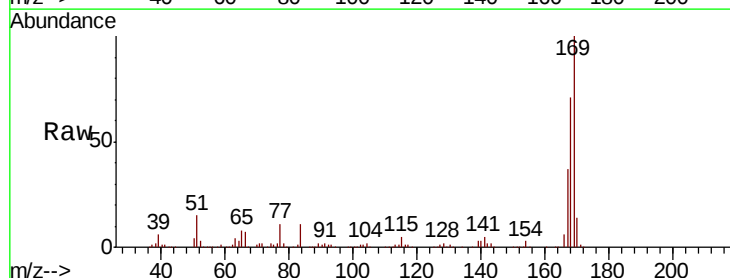
RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

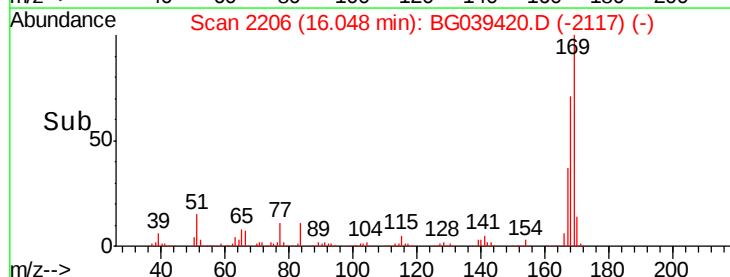
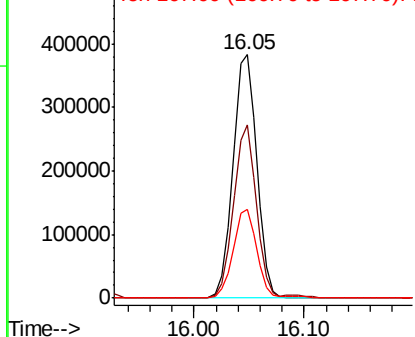
Lab File: BG039420.D

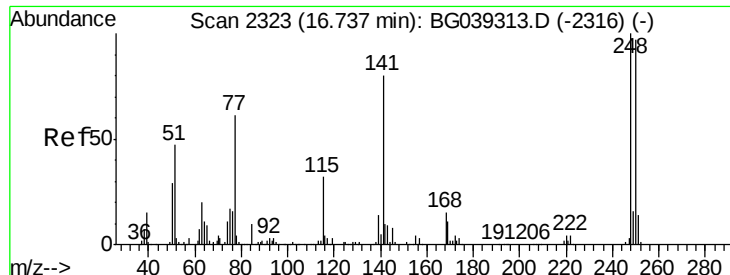
Acq: 8 Feb 2019 17:57

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





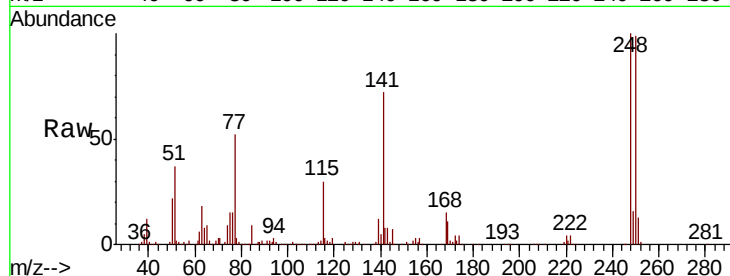
#67
 4-Bromophenyl-phenylether
 Concen: 49.080 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.6	116.4
141	72.3	63.9	95.9

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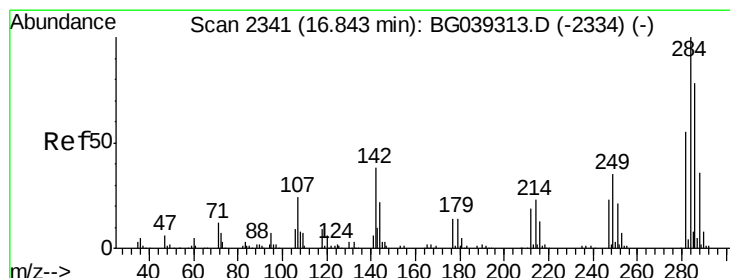
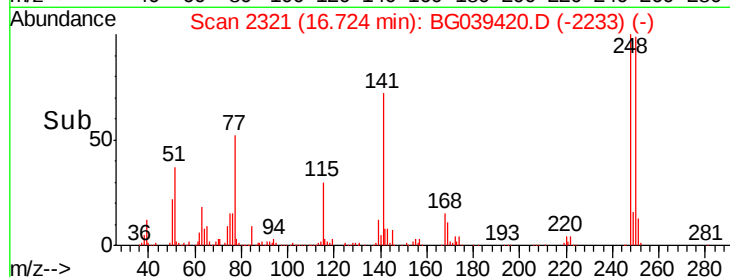
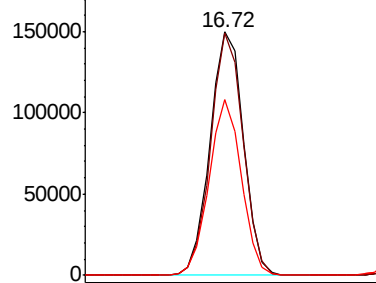


Abundance

Ion 248.00 (247.70 to 248.70): E

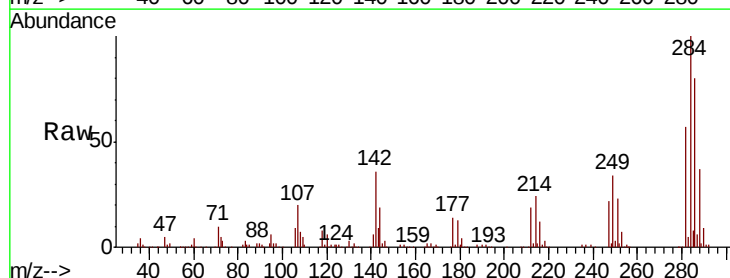
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#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	Ratio	Lower	Upper
284	100		
142	35.6	30.6	45.8
249	34.1	28.2	42.2

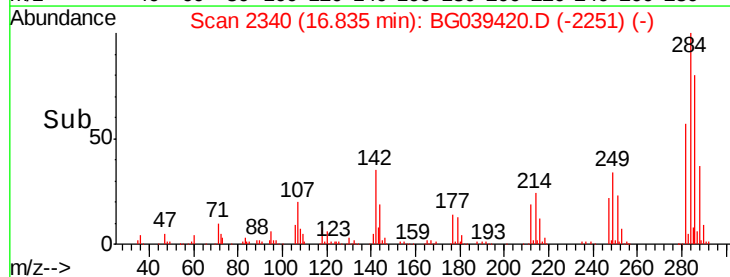
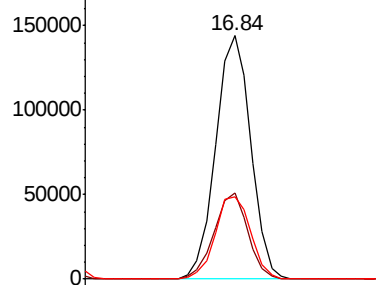


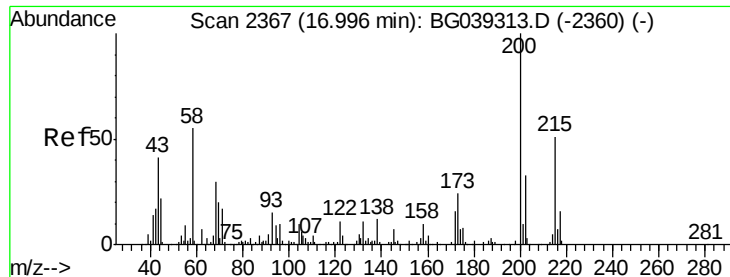
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#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

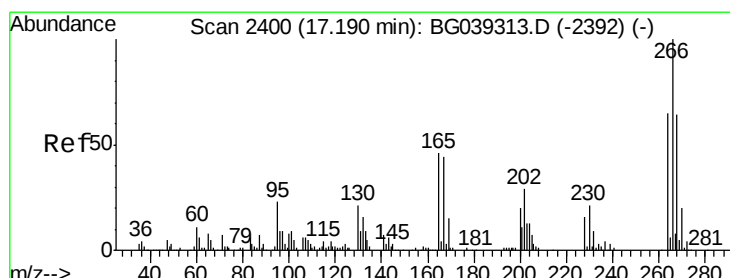
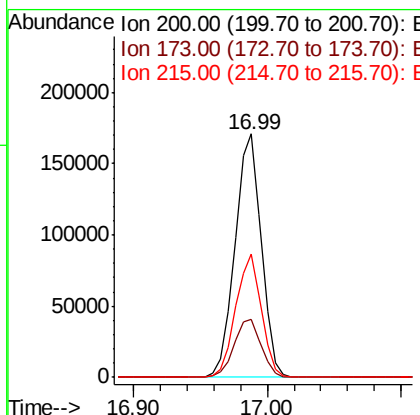
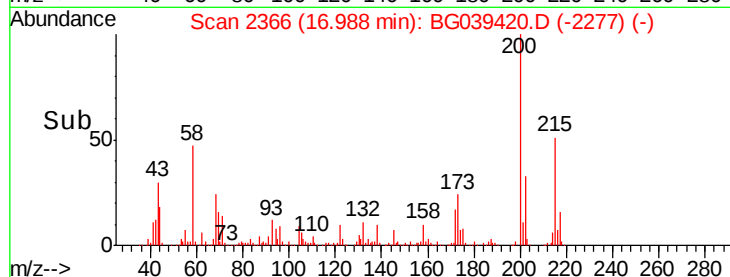
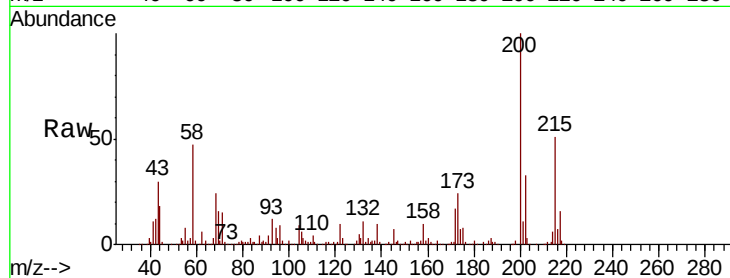
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot Ion:	200	Resp:	233551
Ion Ratio	Lower	Upper	
200	100		
173	23.6	3.9	43.9
215	50.8	30.9	70.9

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#70

Pentachlorophenol

Concen: 95.881 ng

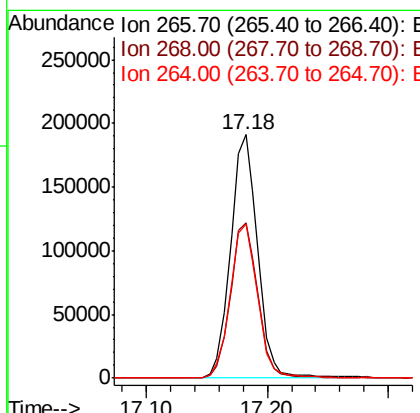
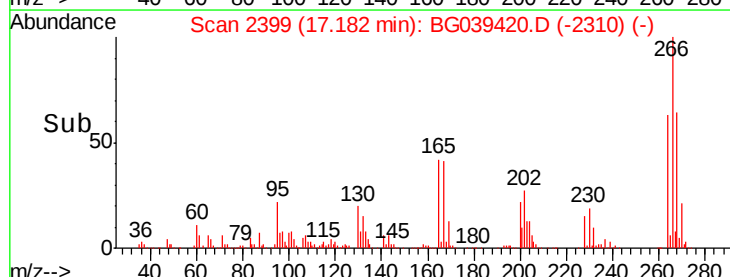
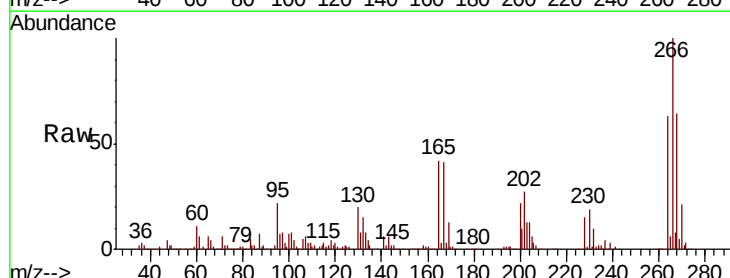
RT: 17.18 min Scan# 2399

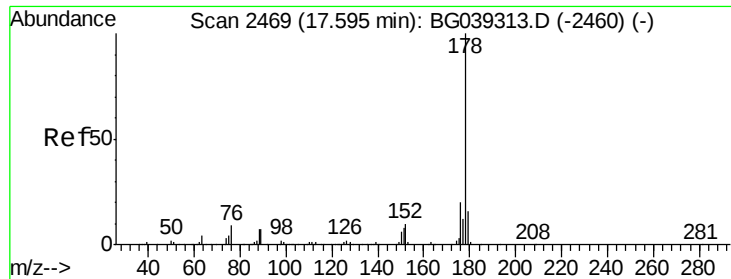
Delta R.T. -0.01 min

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





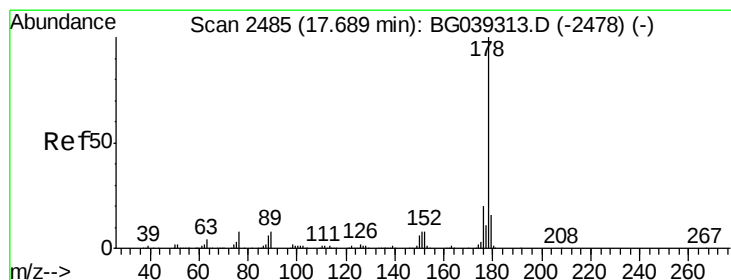
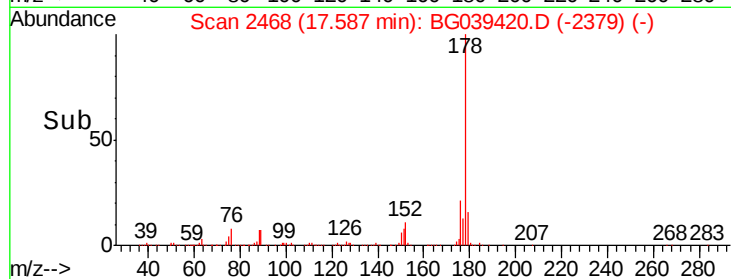
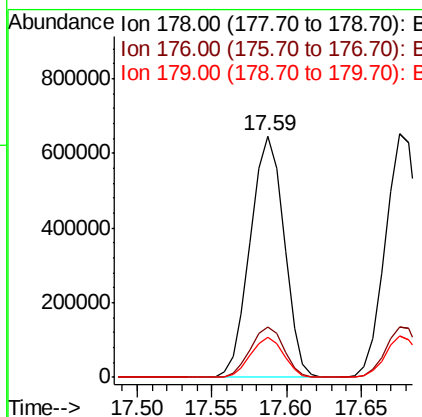
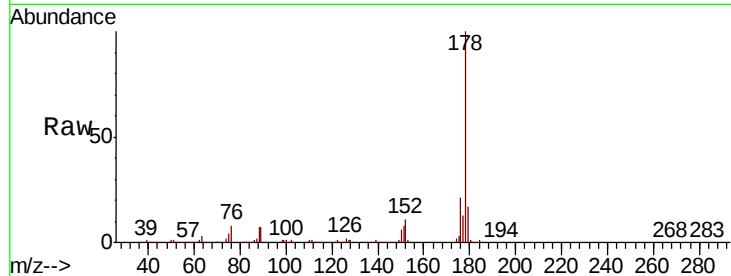
#71
Phenanthrene
Concen: 48.985 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion:178 Resp: 1018197
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.5 12.6 19.0

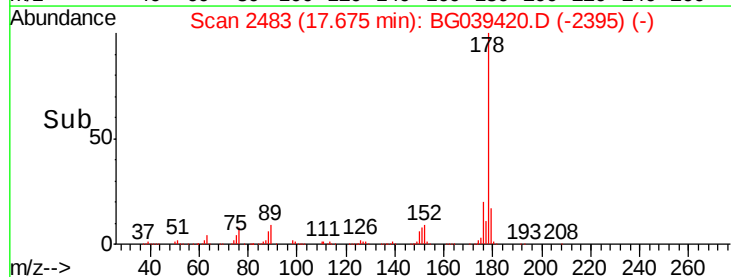
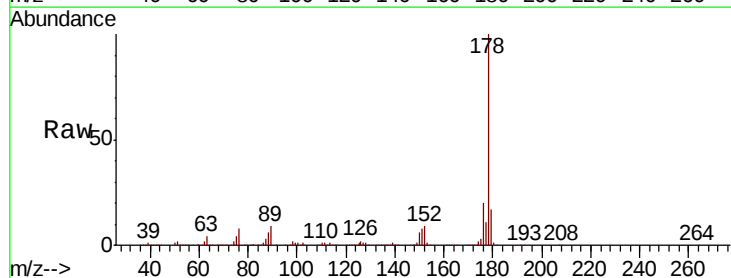
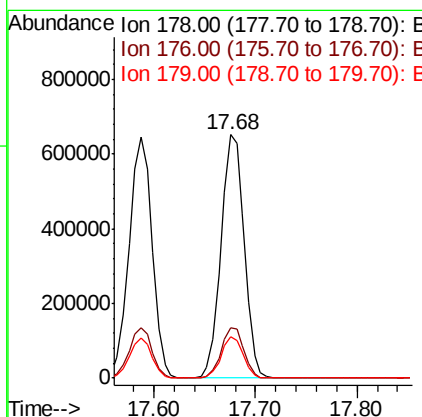
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#72
Anthracene
Concen: 50.353 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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





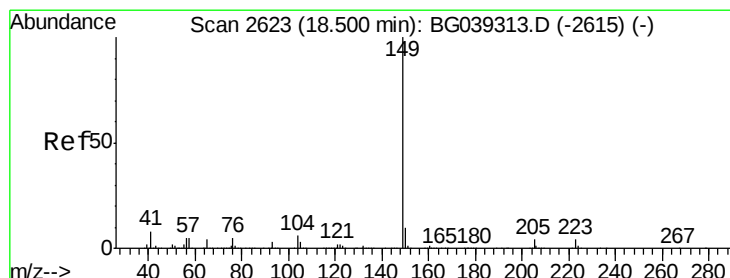
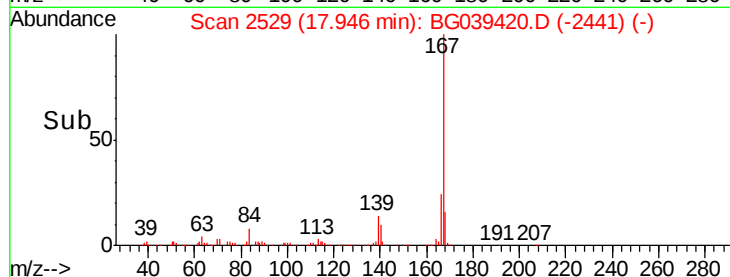
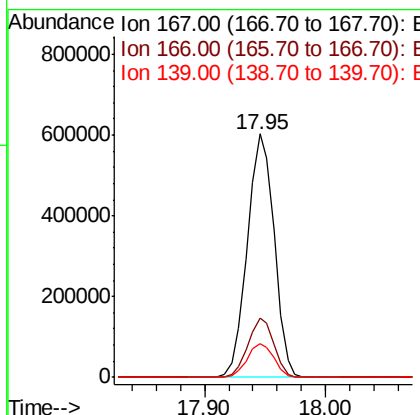
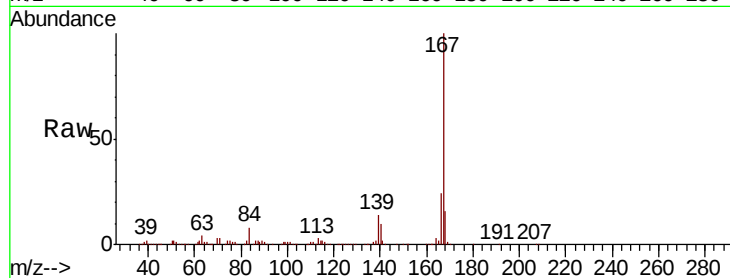
#73
 Carbazole
 Concen: 45.947 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

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

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

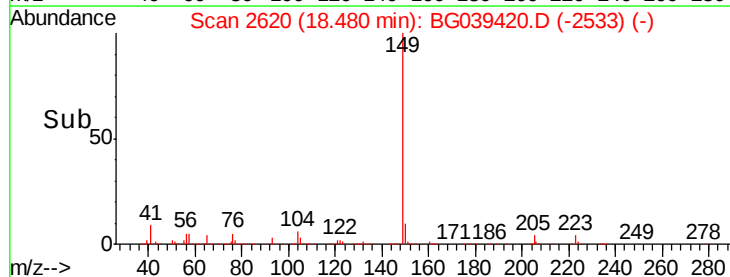
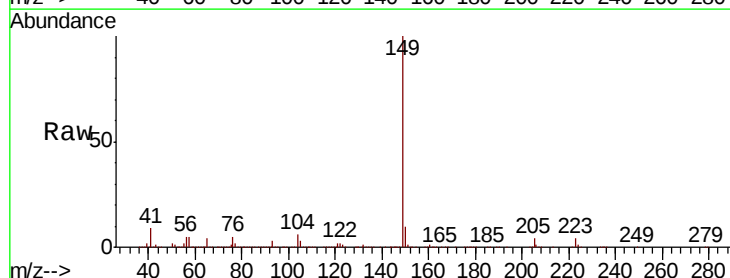
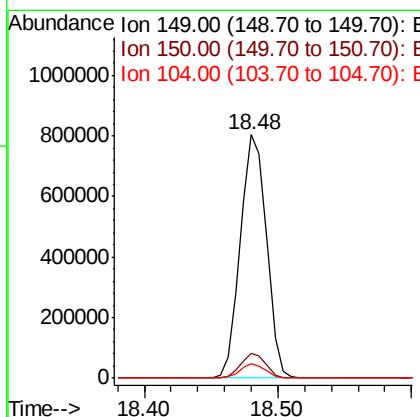
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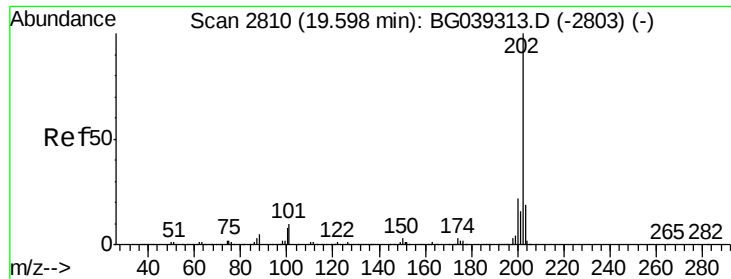
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#74
 Di-n-butylphthalate
 Concen: 45.594 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039420.D
 Acq: 8 Feb 2019 17:57

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





#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

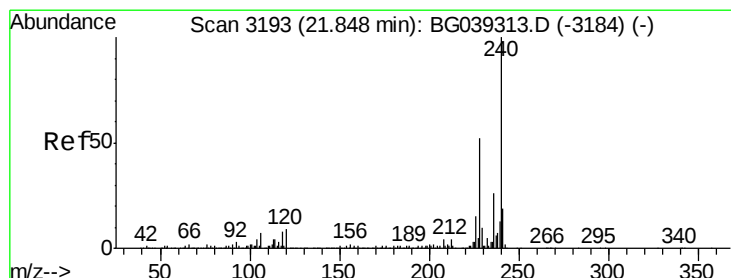
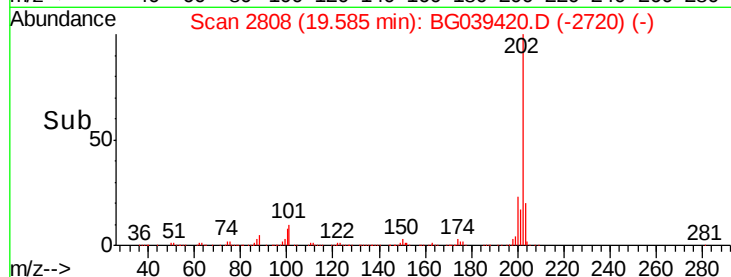
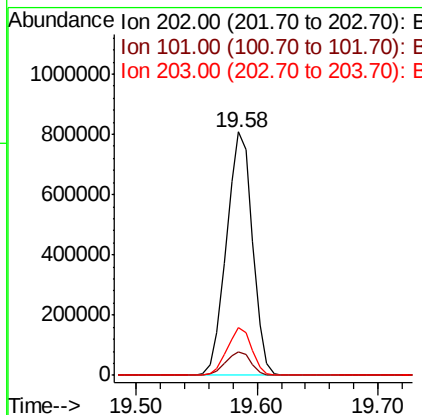
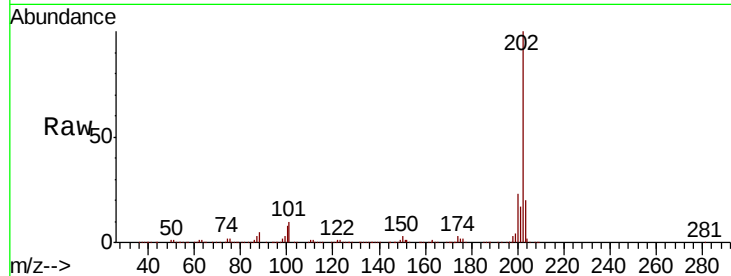
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.0
203	19.5	0.0	38.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

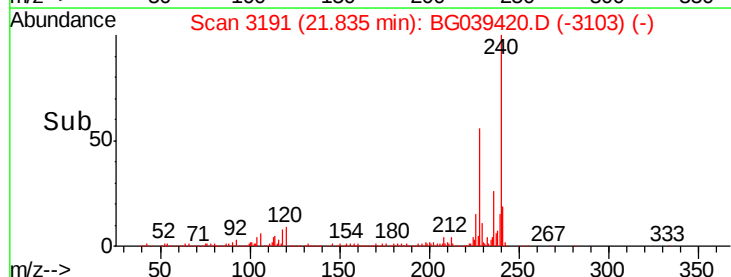
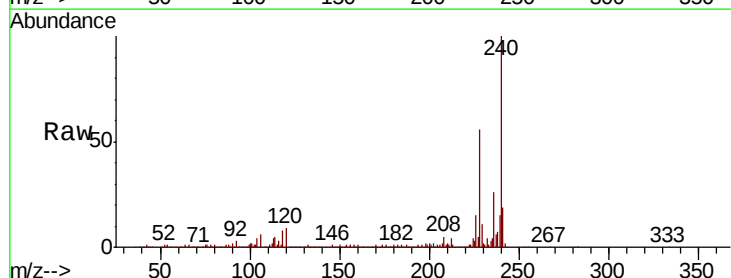
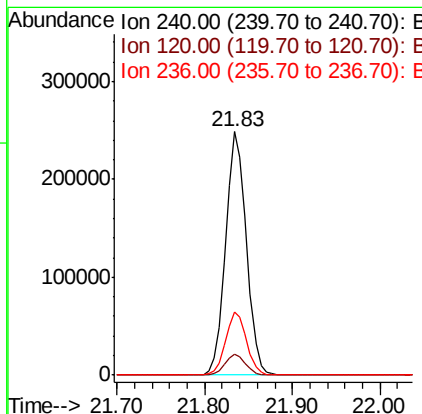
RT: 21.83 min Scan# 3191

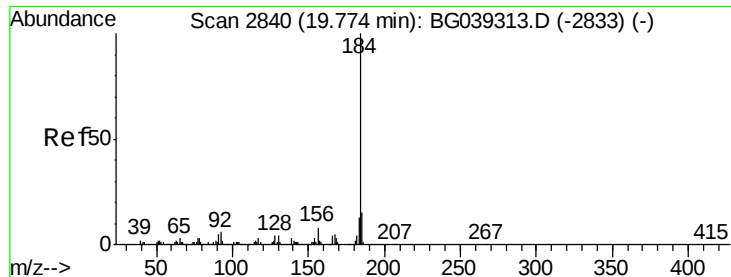
Delta R.T. -0.01 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.9	21.0	31.4





#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

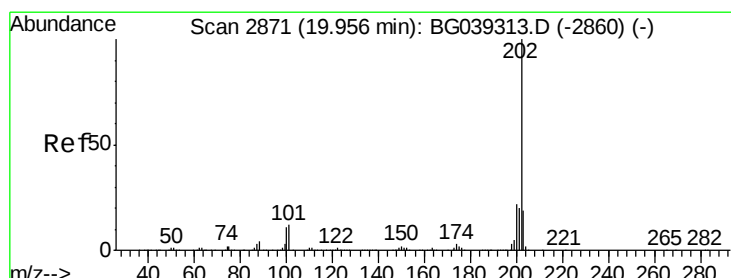
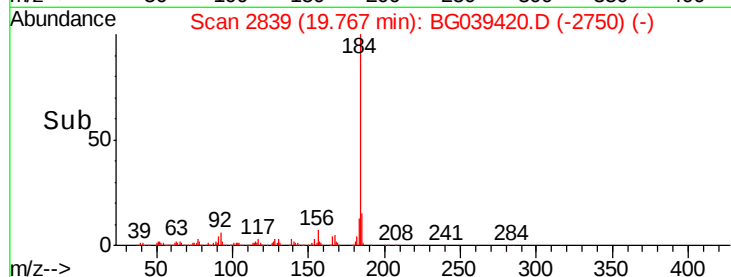
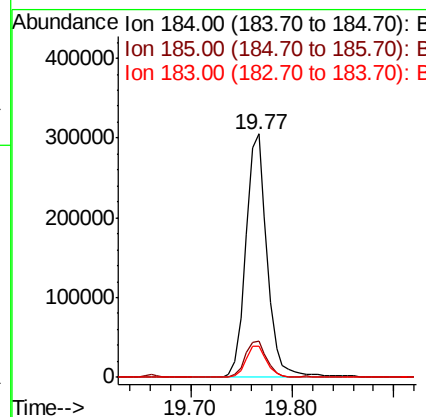
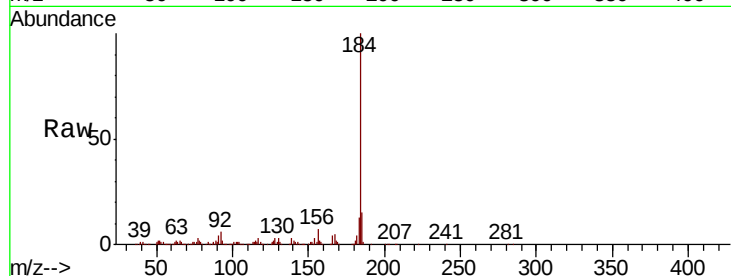
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

Tot Ion:	184	Resp:	443135
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	12.9	10.6	15.8

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#78

Pyrene

Concen: 47.819 ng

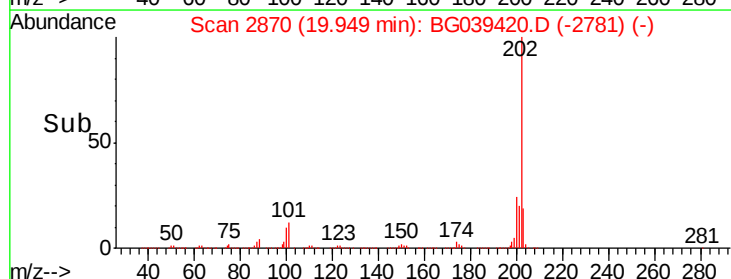
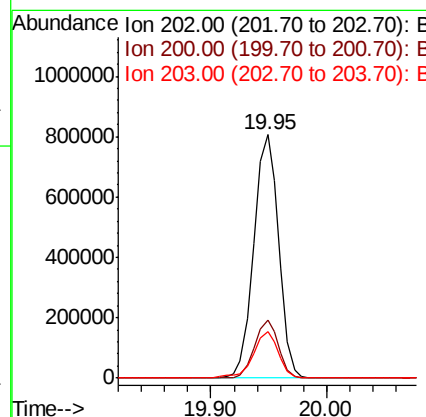
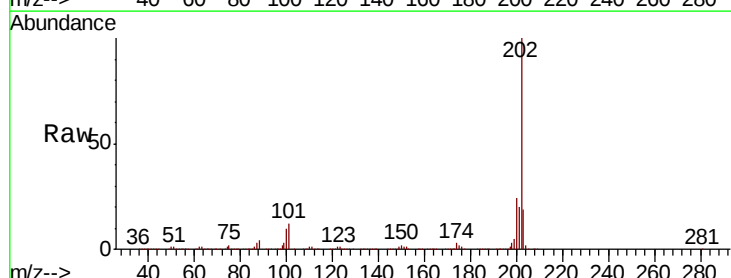
RT: 19.95 min Scan# 2870

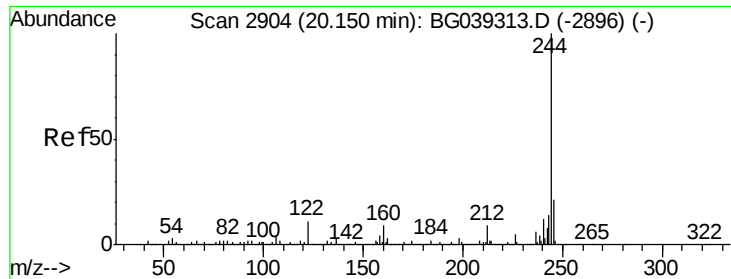
Delta R.T. -0.01 min

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





#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

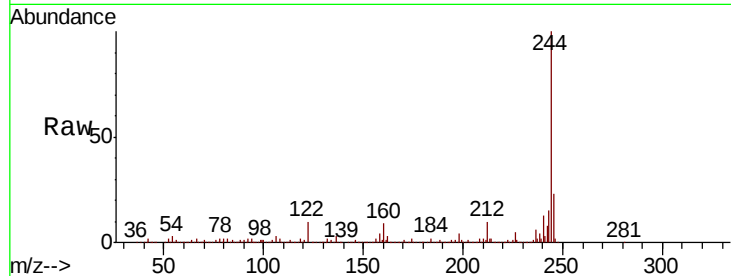
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

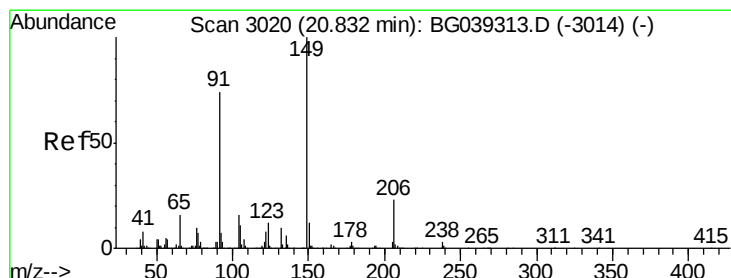
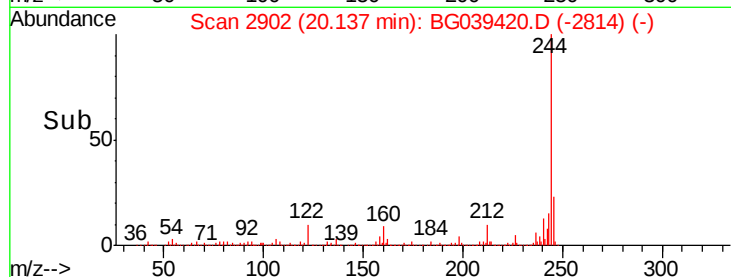
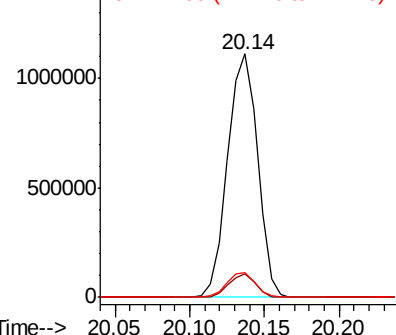
Tot Ion:	244	Resp:	1547798
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	10.0	8.4	12.6

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.482 ng

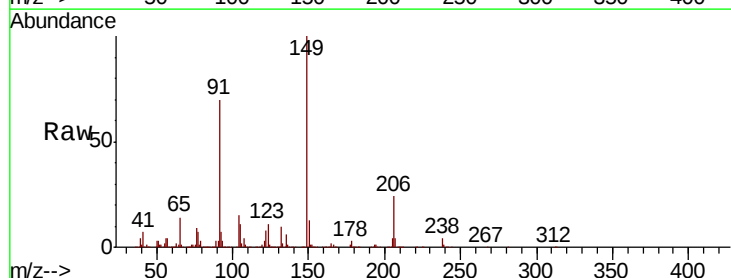
RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

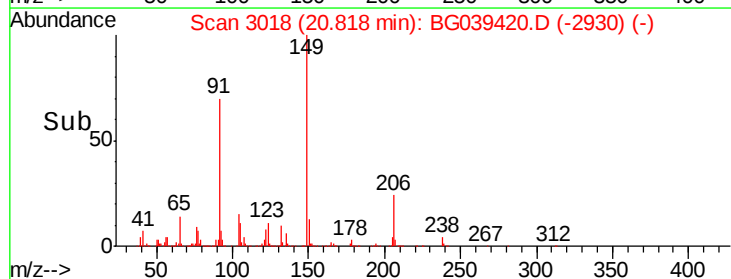
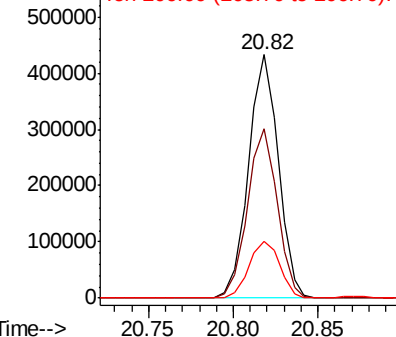
Lab File: BG039420.D

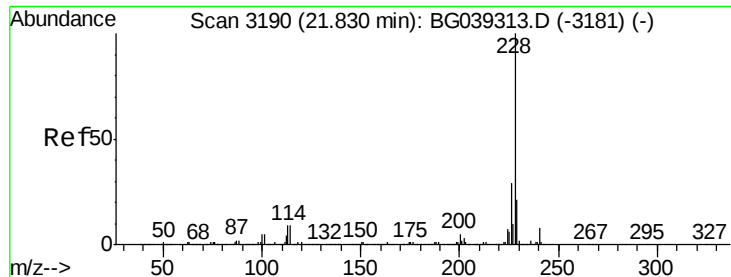
Acq: 8 Feb 2019 17:57

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
600000 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

Tot Ion:228 Resp: 1204337

Ion Ratio Lower Upper

228 100

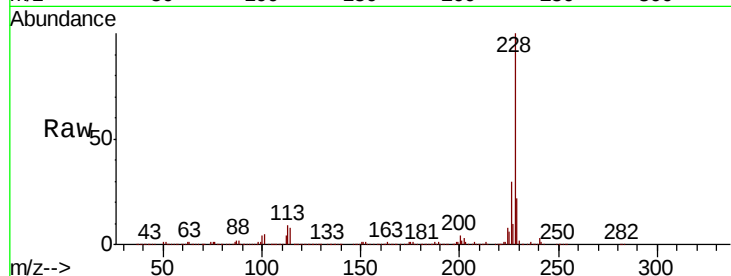
226 30.1 23.0 34.6

229 21.7 16.9 25.3

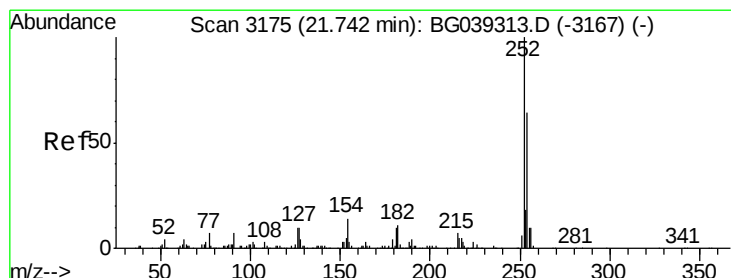
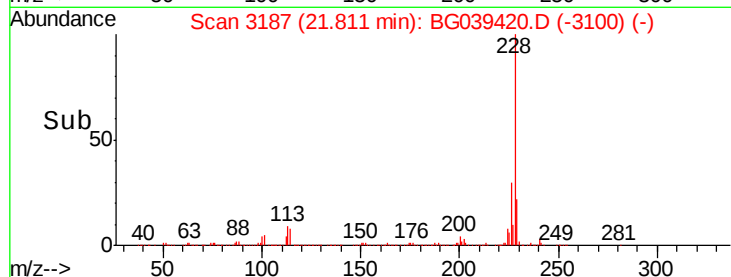
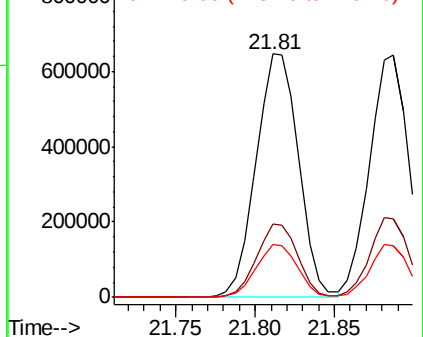
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#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

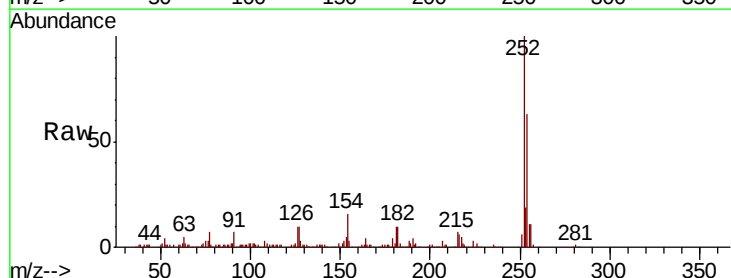
Tgt Ion:252 Resp: 192121

Ion Ratio Lower Upper

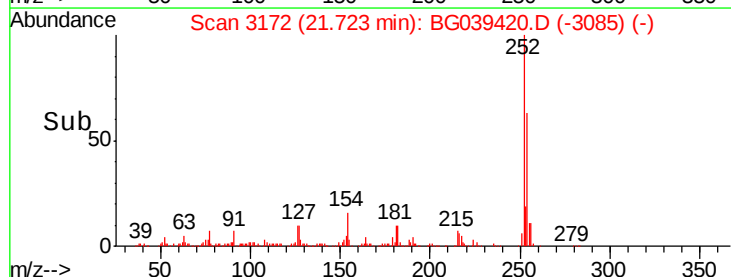
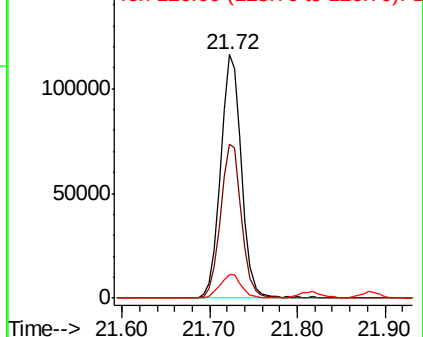
252 100

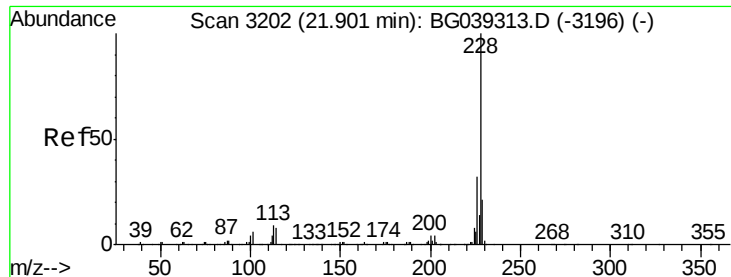
254 63.4 51.3 76.9

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





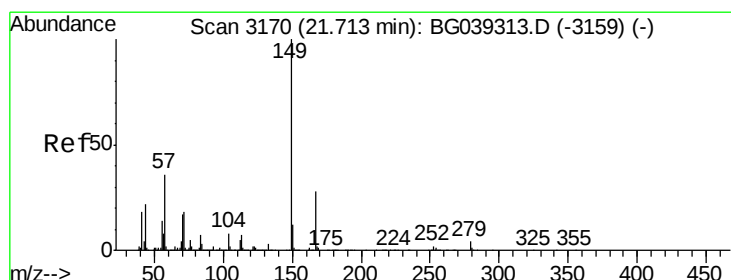
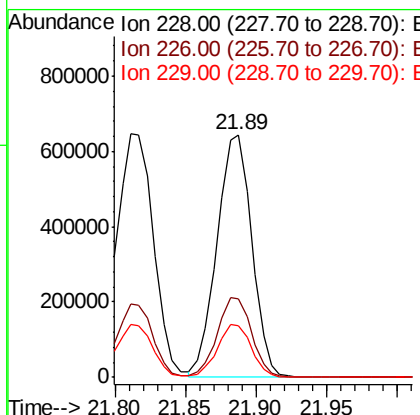
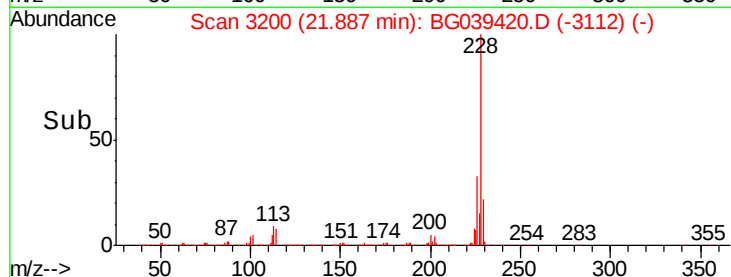
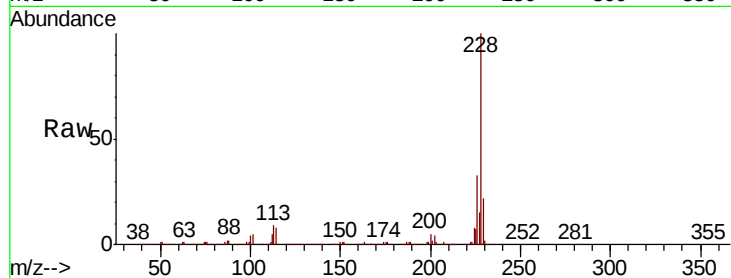
#83
Chrysene
Concen: 48.435 ng
RT: 21.89 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

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

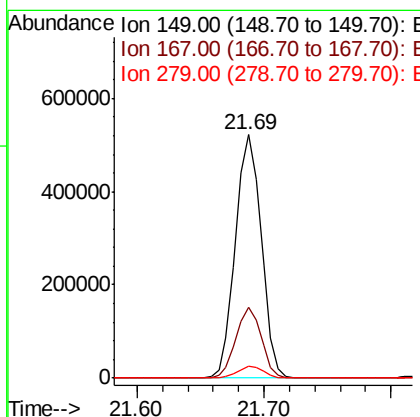
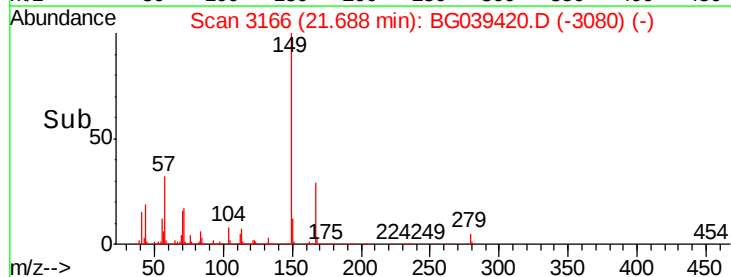
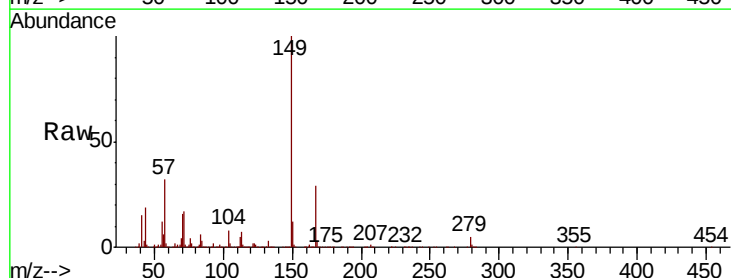
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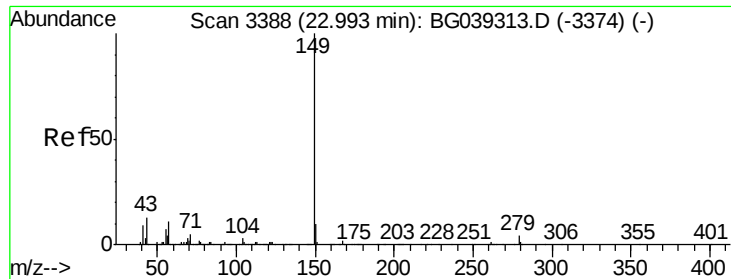
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.542 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

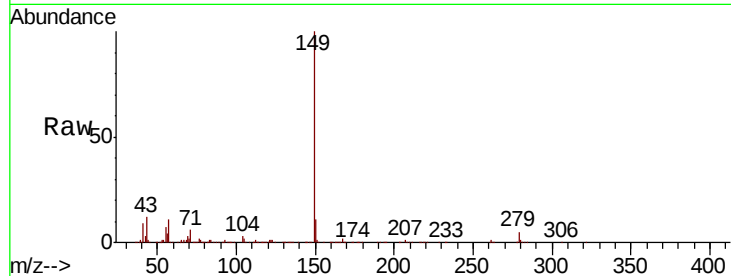
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

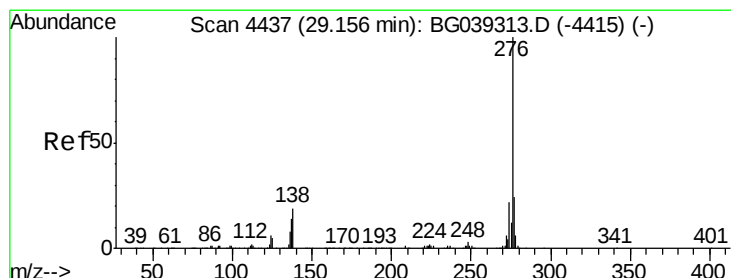
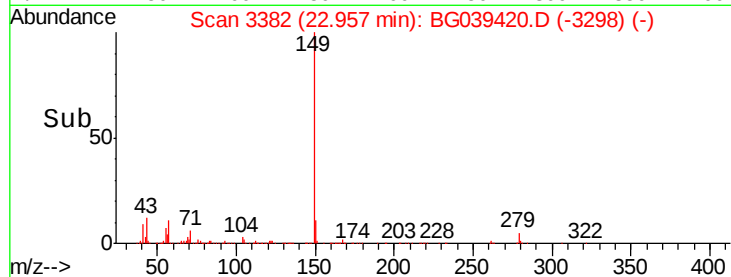
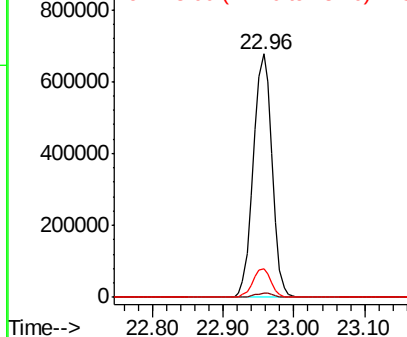
Tot Ion:	149	Resp:	1252572
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.5	10.2	15.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.860 ng

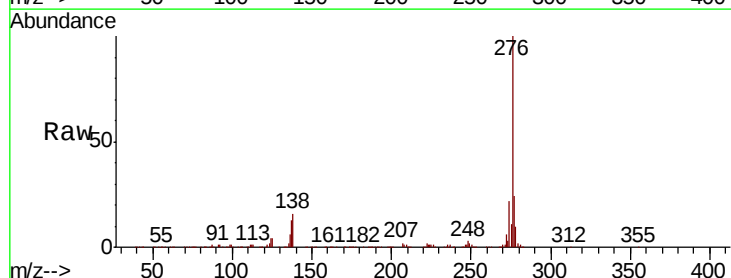
RT: 29.12 min Scan# 4431

Delta R.T. -0.04 min

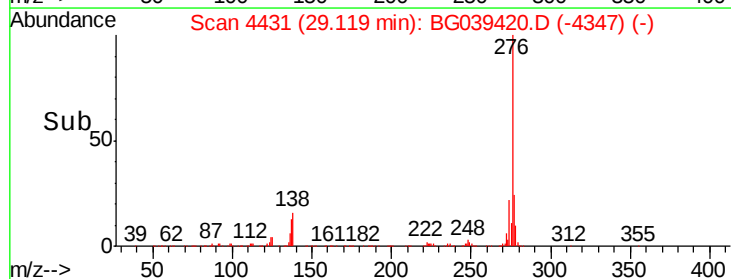
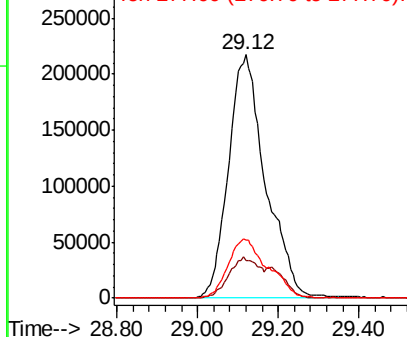
Lab File: BG039420.D

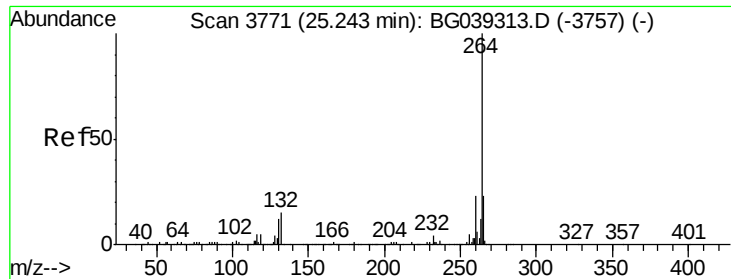
Acq: 8 Feb 2019 17:57

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



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039420.D

Acq: 8 Feb 2019 17:57

Instrument :

BNA_G

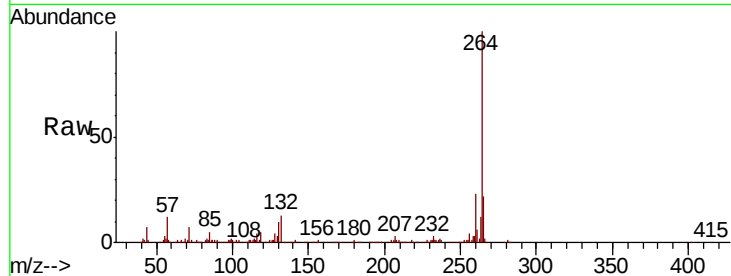
ClientSampleId :

AOC12-SS1-7.5-8.0MSD

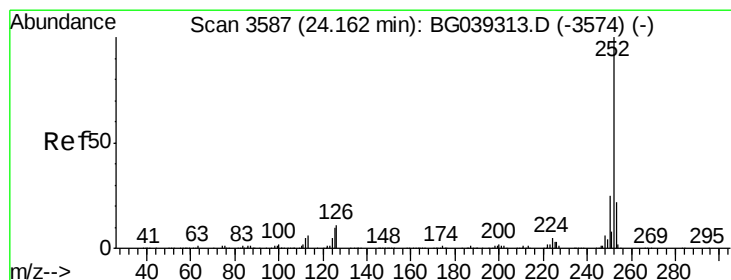
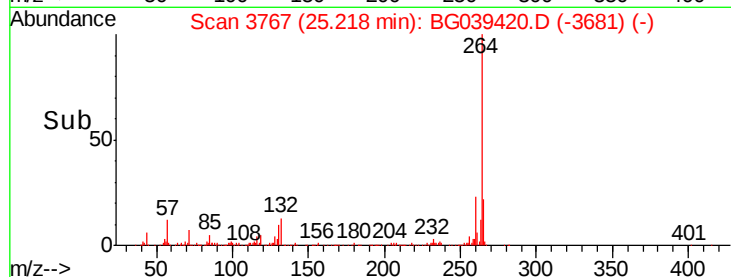
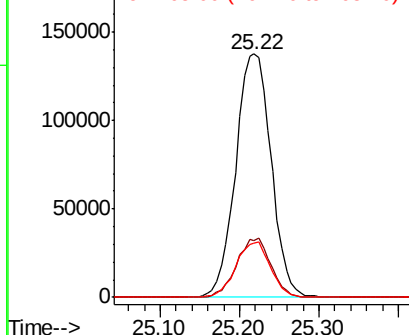
Tot Ion:	264	Resp:	426535
Ion Ratio		Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.3	18.5	27.7

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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

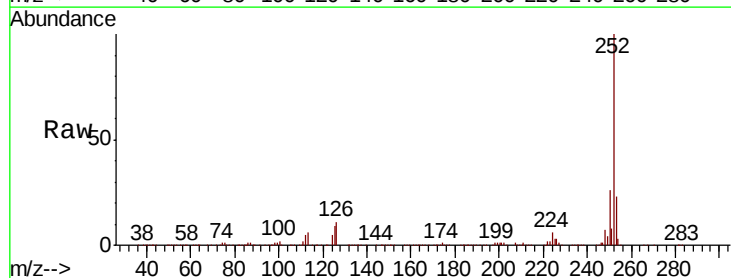
RT: 24.14 min Scan# 3583

Delta R.T. -0.03 min

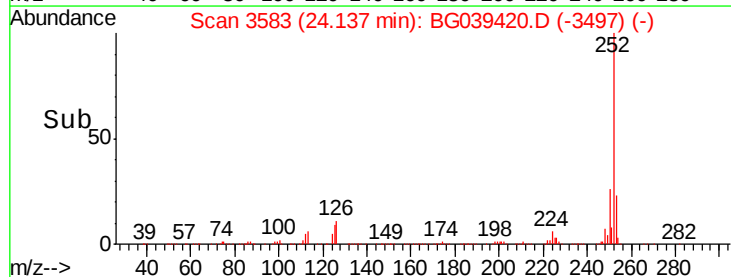
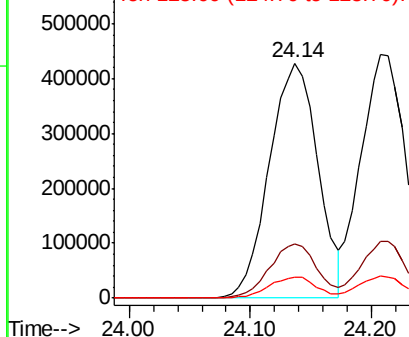
Lab File: BG039420.D

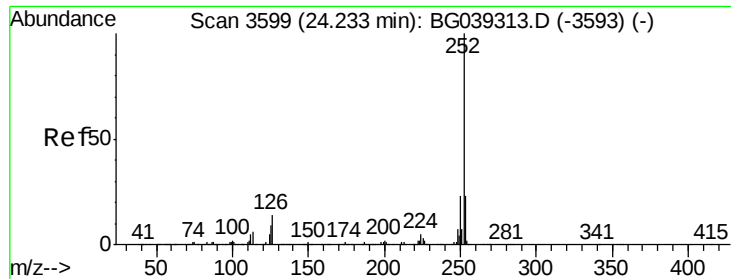
Acq: 8 Feb 2019 17:57

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





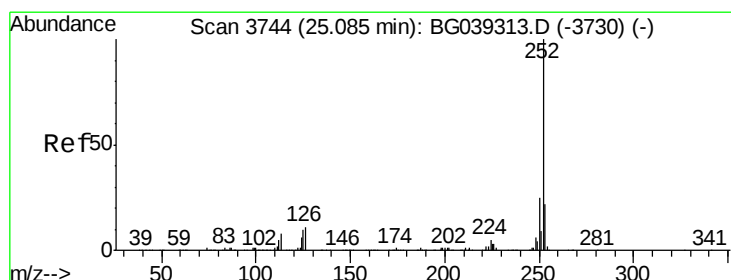
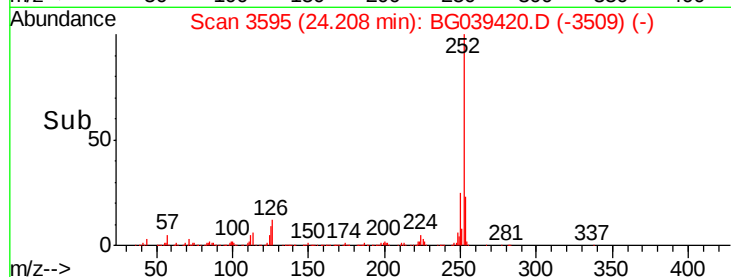
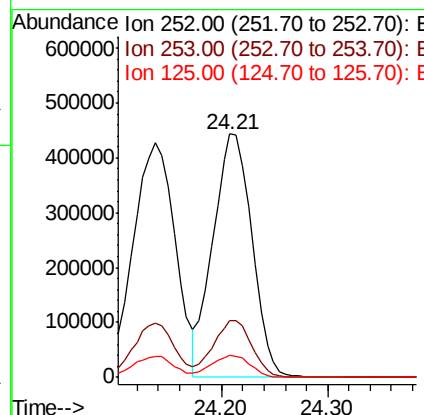
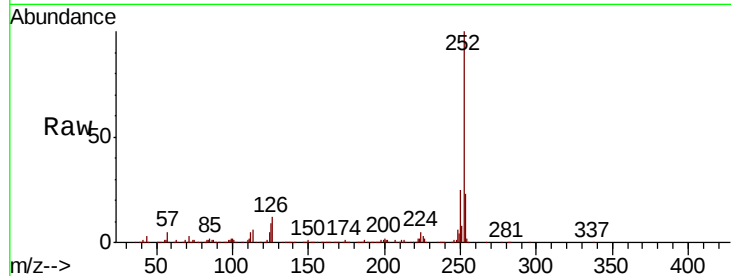
#89
Benzo(k)fluoranthene
Concen: 48.596 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	9.3	7.4	11.2

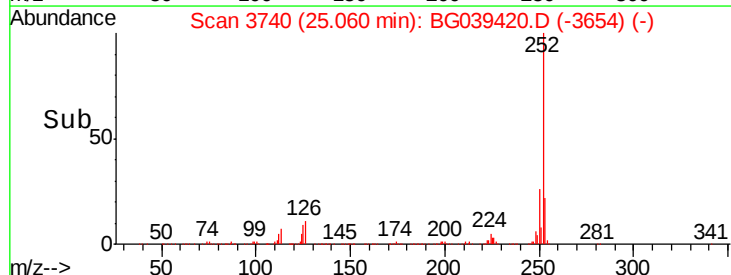
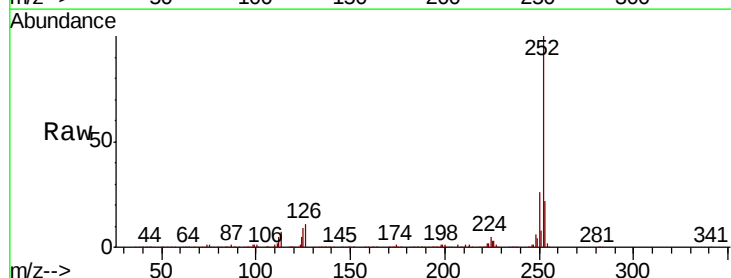
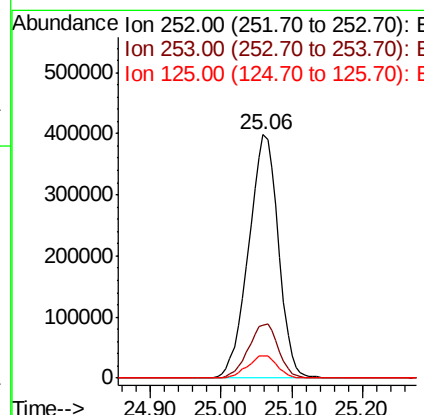
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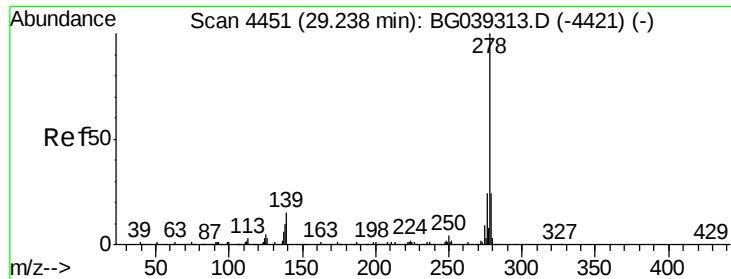
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#90
Benzo(a)pyrene
Concen: 52.206 ng
RT: 25.06 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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





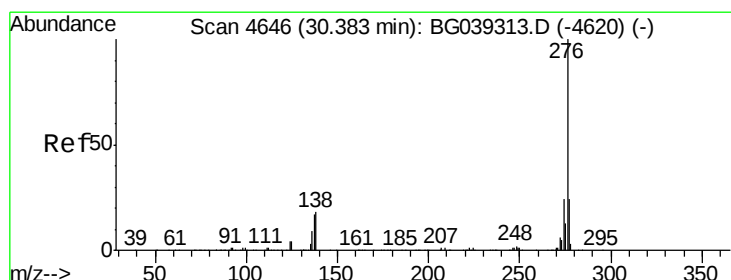
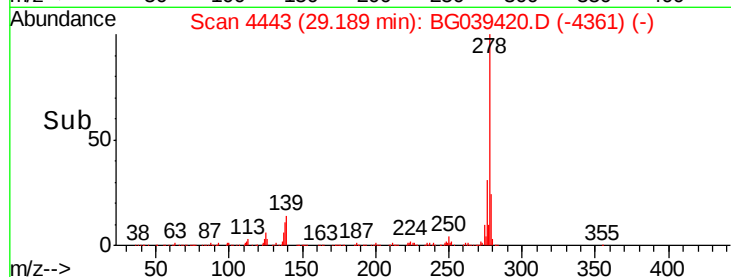
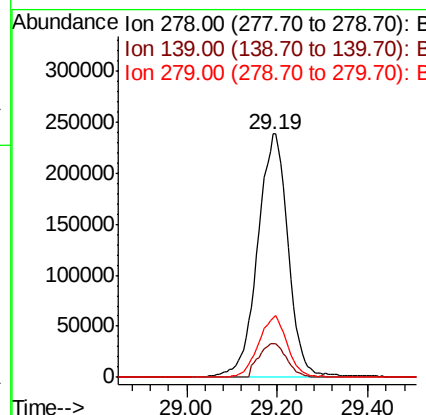
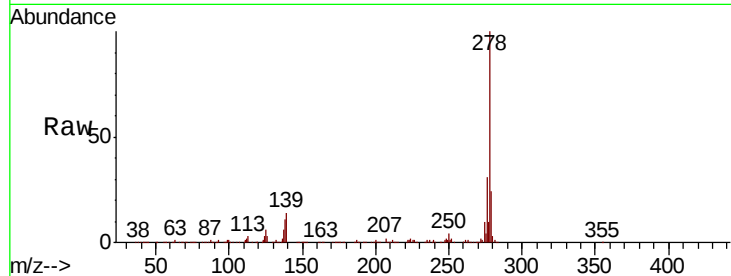
#91
Dibenzo(a,h)anthracene
Concen: 53.163 ng
RT: 29.19 min Scan# 4443
Delta R.T. -0.05 min
Lab File: BG039420.D
Acq: 8 Feb 2019 17:57

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.7	17.5
279	24.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/11/2019 10:13:49 AM



#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	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	16.9	14.7	22.1

