

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
 Data File : BG039644.D
 Acq On : 27 Feb 2019 21:16
 Operator : JU/SJ
 Sample : K1348-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Quant Time: Feb 28 00:00:35 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	8.17	152	57321	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	229536	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148676	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	350594	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	371664	20.00	ng	-0.02
87) Perylene-d12	25.21	264	377936	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	475775	142.06	ng	0.00
7) Phenol-d6	7.32	99	607326	123.19	ng	0.00
23) Nitrobenzene-d5	9.35	82	440811	119.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	267438	167.05	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	983397	94.89	ng	-0.02
79) Terphenyl-d14	20.12	244	1557973	88.73	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	53150	36.280	ng	# 28
3) Pyridine	4.02	79	124395	32.071	ng	96
4) n-Nitrosodimethylamine	3.93	42	78062	40.242	ng	86
6) Aniline	7.49	93	64541	10.452	ng	99
8) 2-Chlorophenol	7.73	128	169253	46.232	ng	97
9) Benzaldehyde	7.31	77	126344	58.552	ng	90
10) Phenol	7.34	94	193077	37.571	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	168537	41.504	ng	97
12) 1,3-Dichlorobenzene	8.05	146	185636	41.858	ng	96
13) 1,4-Dichlorobenzene	8.21	146	185875	42.049	ng	98
14) 1,2-Dichlorobenzene	8.52	146	180718	42.231	ng	100
15) Benzyl Alcohol	8.41	79	159479	41.205	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	317162	34.586	ng	99
17) 2-Methylphenol	8.60	107	143808	43.243	ng	99
18) Hexachloroethane	9.25	117	65552	43.104	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	137285	39.235	ng	92
20) 3+4-Methylphenols	8.93	107	195154	42.614	ng	97
22) Acetophenone	9.00	105	259087	42.021	ng	# 93
24) Nitrobenzene	9.39	77	200265	50.452	ng	98
25) Isophorone	9.90	82	379740	46.639	ng	98
26) 2-Nitrophenol	10.10	139	100407	59.786	ng	97
27) 2,4-Dimethylphenol	10.14	122	168613	51.193	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	231817	46.224	ng	98
29) 2,4-Dichlorophenol	10.63	162	182941	50.820	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	186279	46.092	ng	99
31) Naphthalene	11.04	128	541622	47.564	ng	99
32) Benzoic acid	10.23	122	28697	19.826	ng	92
33) 4-Chloroaniline	11.15	127	13623	2.580	ng	95
34) Hexachlorobutadiene	11.30	225	121188	45.090	ng	94
35) Caprolactam	11.93	113	34694	23.291	ng	# 84
36) 4-Chloro-3-methylphenol	12.25	107	189055	45.412	ng	98
37) 2-Methylnaphthalene	12.63	142	393038	46.602	ng	98
38) 1-Methylnaphthalene	12.85	142	379373	46.664	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	220056	46.519	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	261271	101.359	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	148834	51.172	ng	97
44) 2,4,5-Trichlorophenol	13.30	196	157465	51.655	ng	96
46) 1,1'-Biphenyl	13.63	154	526870	42.592	ng	99
47) 2-Chloronaphthalene	13.67	162	408515	43.899	ng	98
48) 2-Nitroaniline	13.88	65	136499	50.532	ng	97
49) Acenaphthylene	14.52	152	656583	46.759	ng	99
50) Dimethylphthalate	14.24	163	525446	43.759	ng	100
51) 2,6-Dinitrotoluene	14.37	165	117892	51.913	ng	97
52) Acenaphthene	14.86	154	400745	43.967	ng	99
53) 3-Nitroaniline	14.70	138	14004	10.878	ng	# 98
54) 2,4-Dinitrophenol	14.90	184	38507	48.335	ng	97
55) Dibenzofuran	15.19	168	637902	43.650	ng	100
56) 4-Nitrophenol	15.00	139	163257	75.544	ng	# 84
57) 2,4-Dinitrotoluene	15.15	165	166641	56.344	ng	# 87
58) Fluorene	15.84	166	503036	46.175	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153810	53.889	ng	98
60) Diethylphthalate	15.59	149	521587	42.012	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	264299	42.846	ng	95
62) 4-Nitroaniline	15.87	138	117876	46.918	ng	92
63) Azobenzene	16.11	77	472848	38.967	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	50315	39.417	ng	99
66) n-Nitrosodiphenylamine	16.04	169	461246	43.267	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	175685	45.170	ng	97
68) Hexachlorobenzene	16.83	284	179033	45.879	ng	96
69) Atrazine	16.98	200	167631	43.029	ng	98
70) Pentachlorophenol	17.18	266	167865	61.893	ng	98
71) Phenanthrene	17.58	178	842436	46.426	ng	99
72) Anthracene	17.67	178	843250	47.179	ng	98
73) Carbazole	17.94	167	760121	42.614	ng	99
74) Di-n-butylphthalate	18.47	149	913659	43.905	ng	99
75) Fluoranthene	19.58	202	1035322	49.157	ng	100
77) Benzidine	19.76	184	38483	3.158	ng	97
78) Pyrene	19.94	202	1039948	44.947	ng	98
80) Butylbenzylphthalate	20.81	149	449320	46.036	ng	94
81) Benzo(a)anthracene	21.80	228	1041085	47.405	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	75407	9.260	ng	99
83) Chrysene	21.88	228	968382	46.321	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	621843	44.659	ng	99
85) Di-n-octyl phthalate	22.93	149	1050677	45.674	ng	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1158518	51.650	ng	97
88) Benzo(b)fluoranthene	24.12	252	1004049	48.714	ng	97
89) Benzo(k)fluoranthene	24.20	252	989973	47.841	ng	99
90) Benzo(a)pyrene	25.05	252	986629	49.704	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	937943	50.456	ng	99
92) Benzo(g,h,i)perylene	30.32	276	952405	51.402	ng	96

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

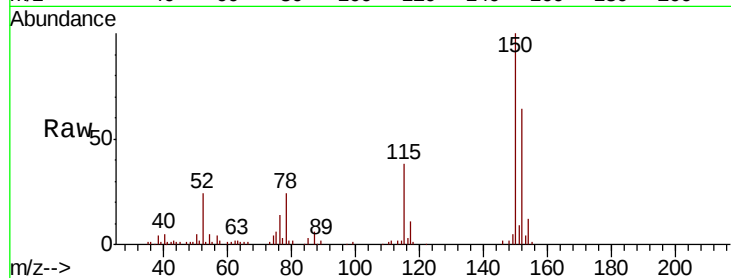


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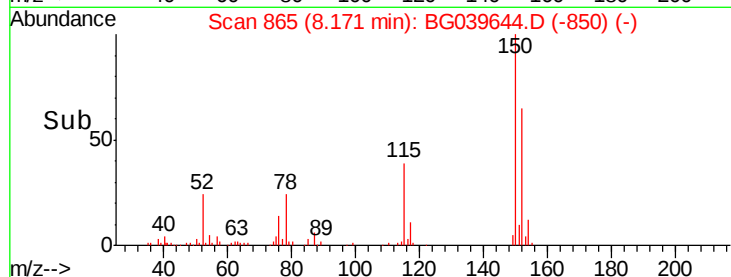
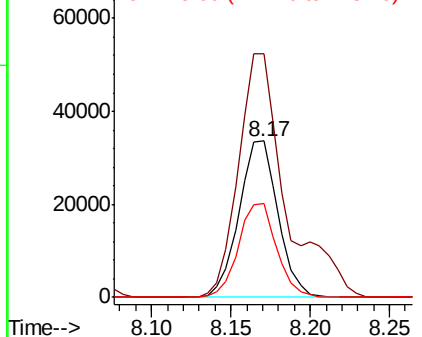
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

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BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion:152 Resp: 57321
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 59.6 45.9 68.9



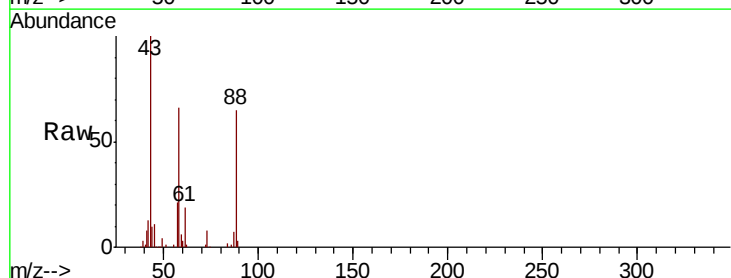
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



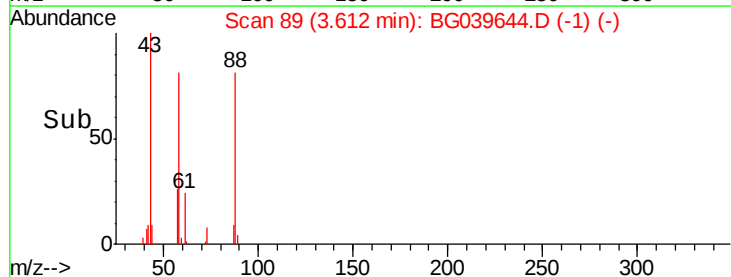
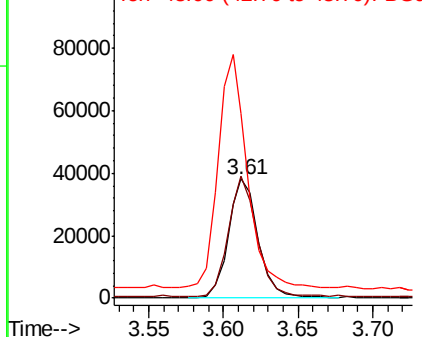
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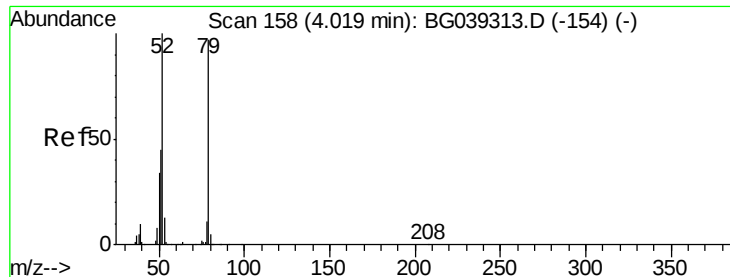
1,4-Dioxane
Concen: 36.280 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion: 88 Resp: 53150
Ion Ratio Lower Upper
88 100
58 97.4 81.1 121.7
43 191.0 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.071 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

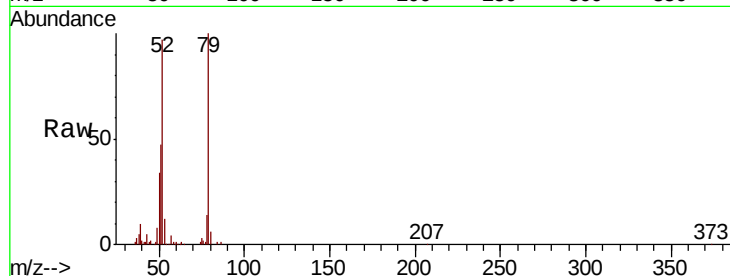
Tgt Ion: 79 Resp: 124395

Ion Ratio Lower Upper

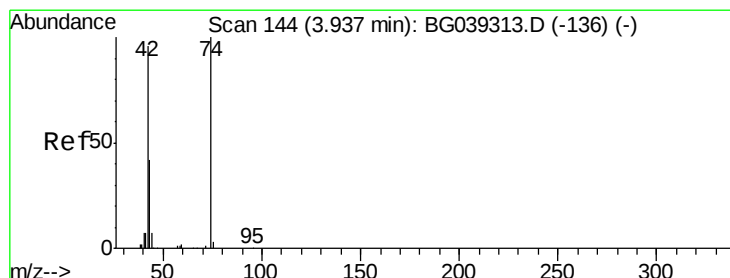
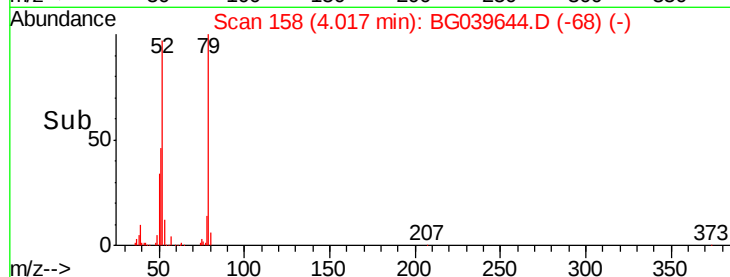
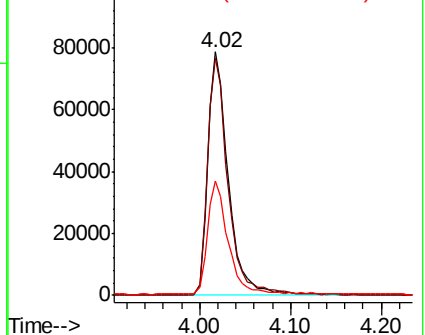
79 100

52 97.5 82.6 124.0

51 47.1 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.242 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

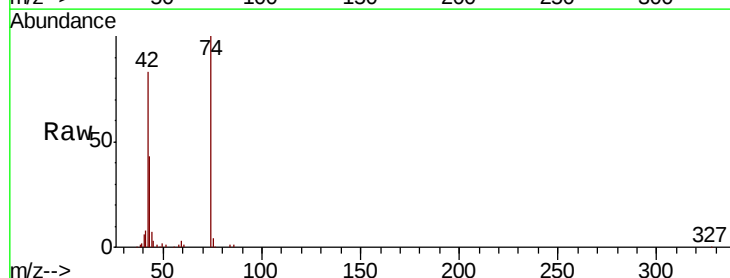
Tgt Ion: 42 Resp: 78062

Ion Ratio Lower Upper

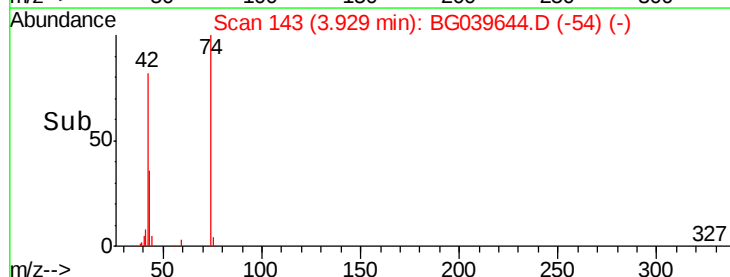
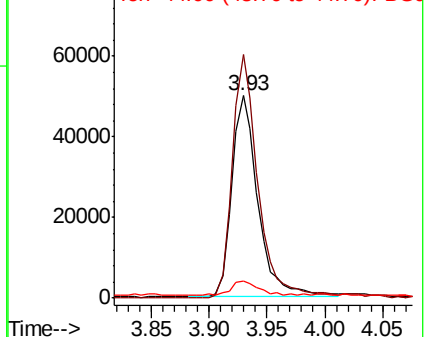
42 100

74 120.4 83.6 125.4

44 8.3 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: 142.058 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

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ClientSampleId :

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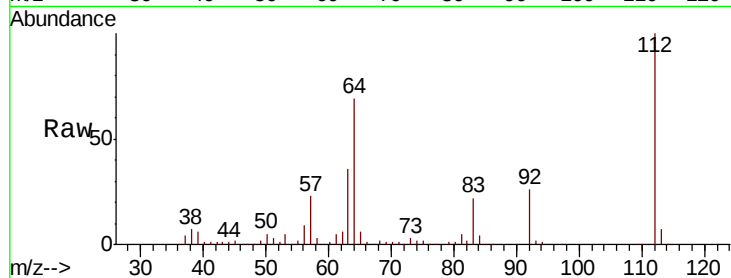
Tgt Ion: 112 Resp: 475775

Ion Ratio Lower Upper

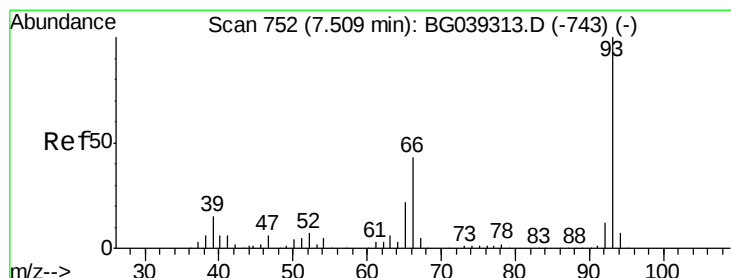
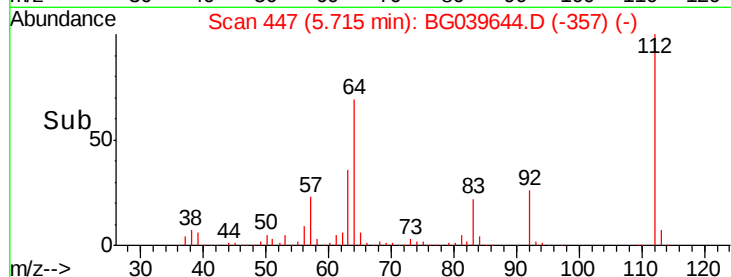
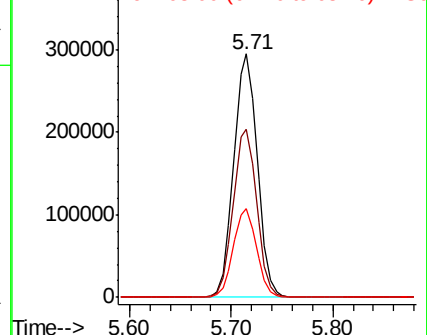
112 100

64 69.2 57.8 86.8

63 36.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.452 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

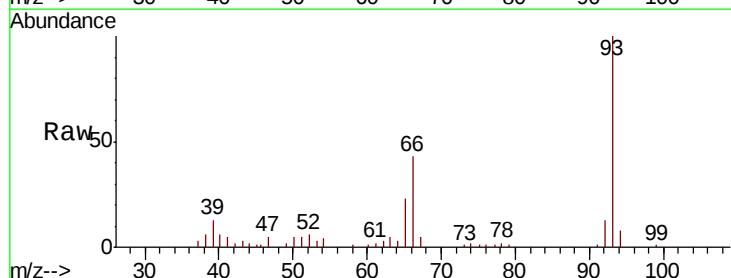
Tgt Ion: 93 Resp: 64541

Ion Ratio Lower Upper

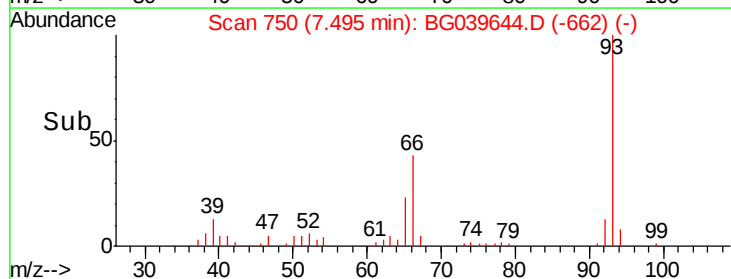
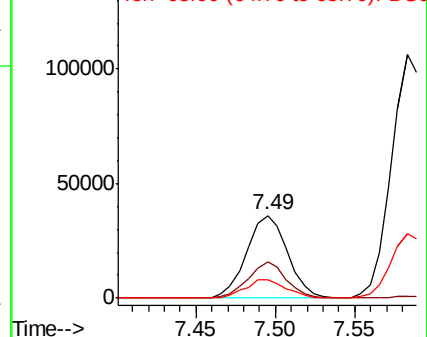
93 100

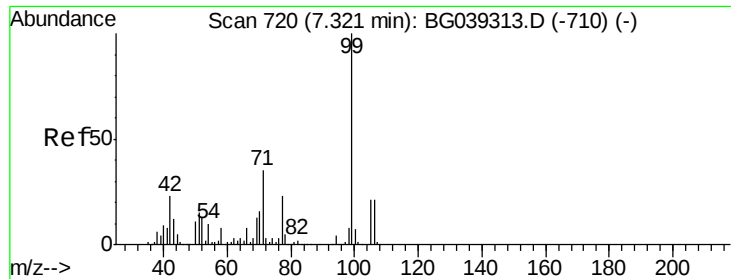
66 43.4 34.2 51.4

65 22.7 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.193 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

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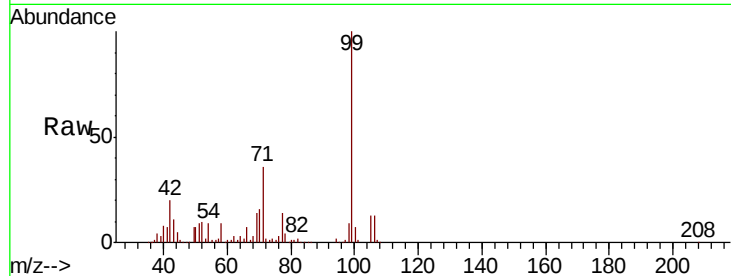
Tgt Ion: 99 Resp: 607326

Ion Ratio Lower Upper

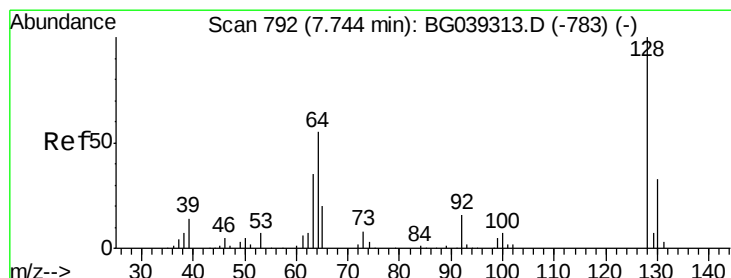
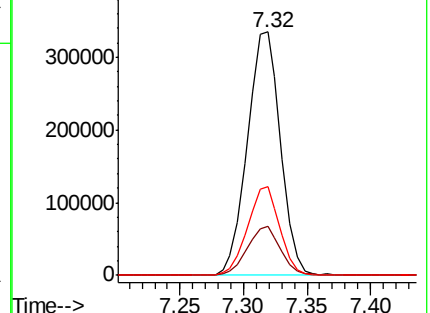
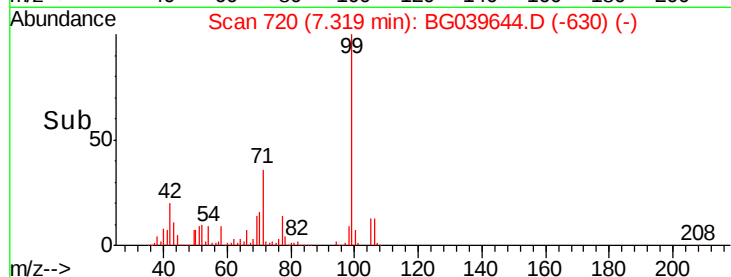
99 100

42 20.2 18.2 27.2

71 36.4 28.0 42.0



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



#8

2-Chlorophenol

Concen: 46.232 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

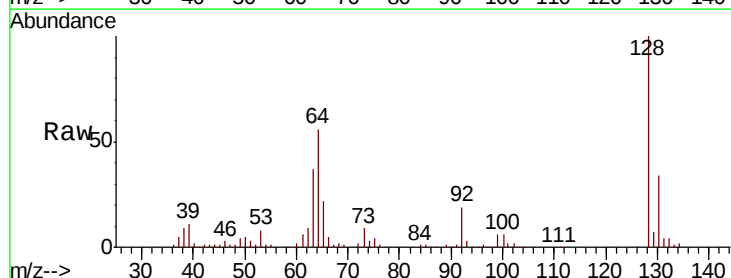
Tgt Ion: 128 Resp: 169253

Ion Ratio Lower Upper

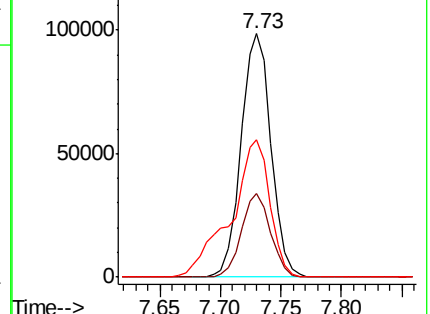
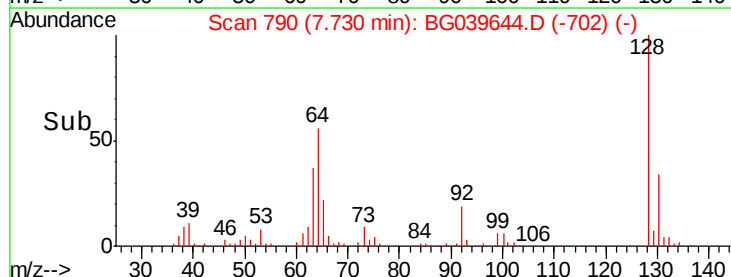
128 100

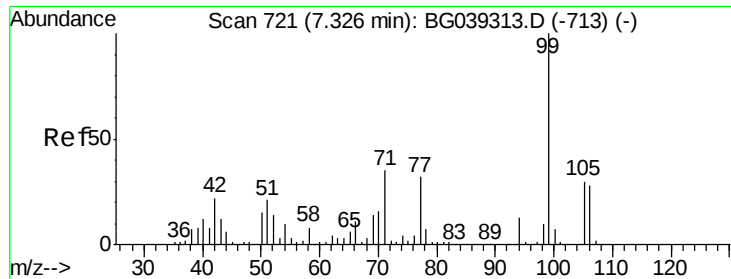
130 34.2 12.9 52.9

64 56.3 38.7 78.7



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





#9

Benzaldehyde

Concen: 58.552 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

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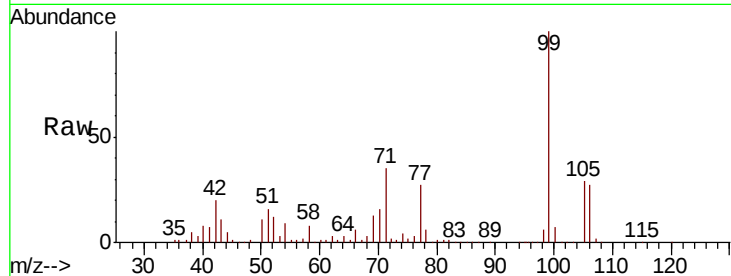
Tgt Ion: 77 Resp: 126344

Ion Ratio Lower Upper

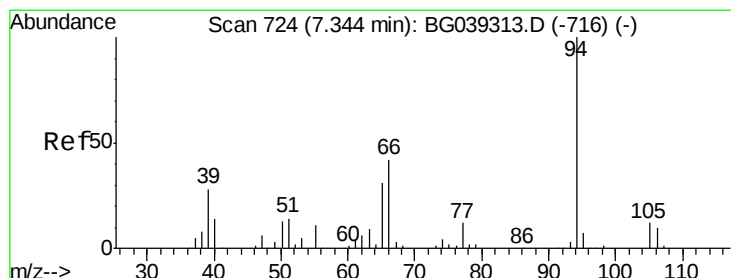
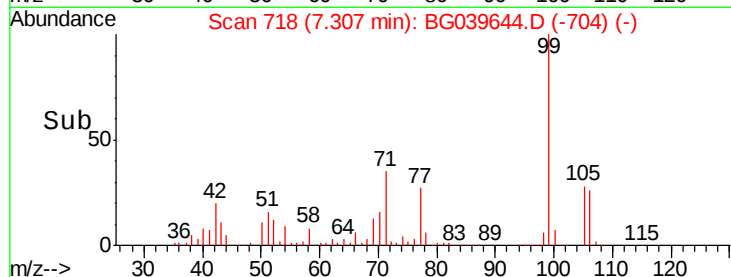
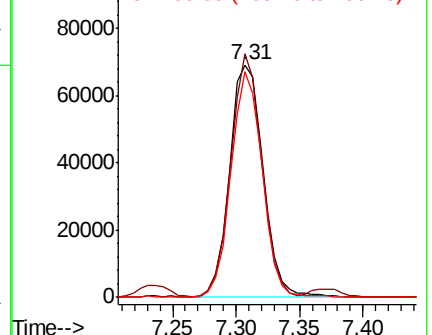
77 100

105 104.7 74.5 114.5

106 96.8 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.571 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

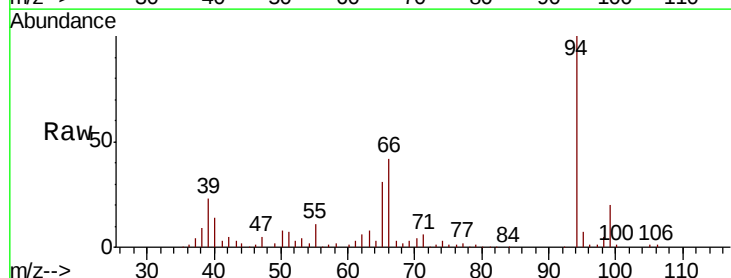
Tgt Ion: 94 Resp: 193077

Ion Ratio Lower Upper

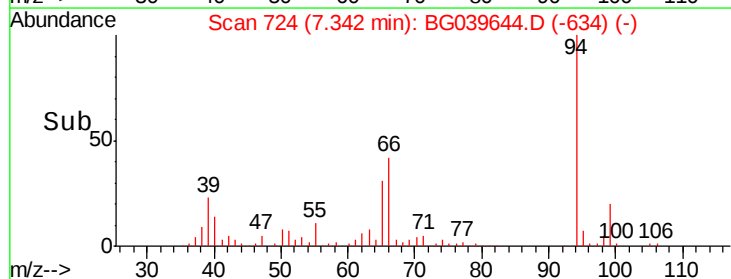
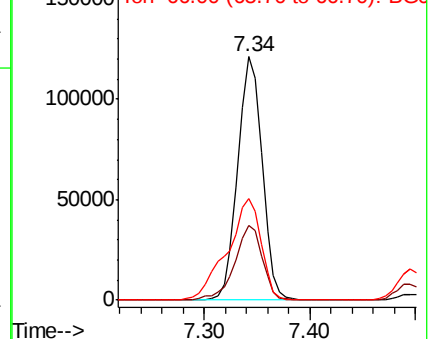
94 100

65 30.9 11.7 51.7

66 41.6 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: 41.504 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

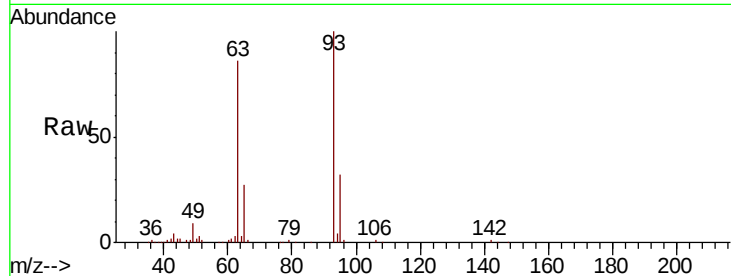
Tgt Ion: 93 Resp: 168537

Ion Ratio Lower Upper

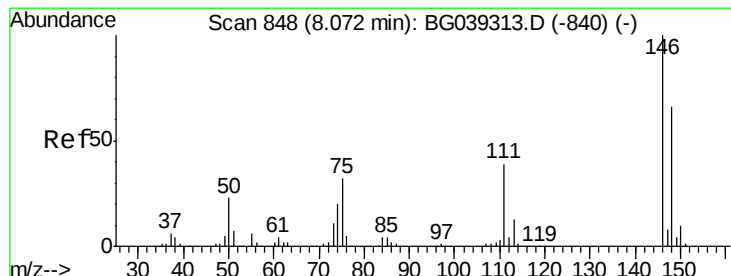
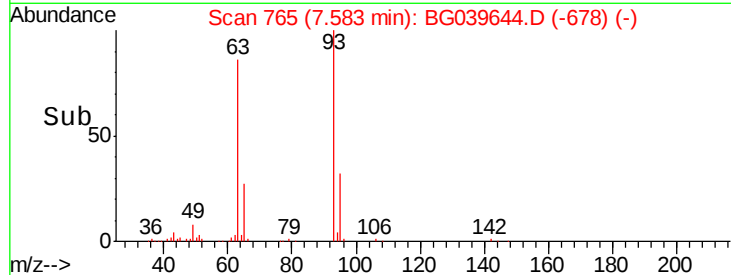
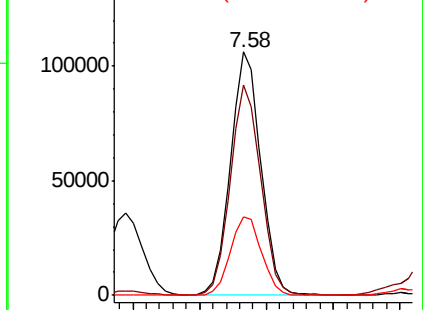
93 100

63 86.2 69.5 109.5

95 32.4 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.858 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

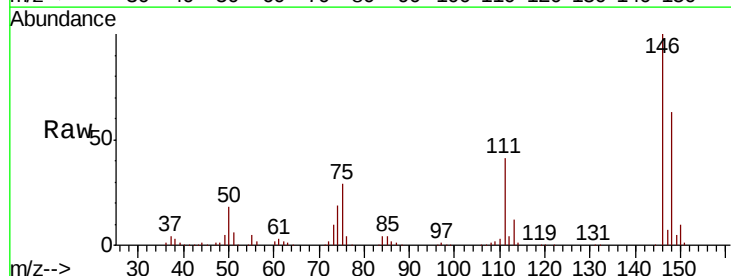
Tgt Ion: 146 Resp: 185636

Ion Ratio Lower Upper

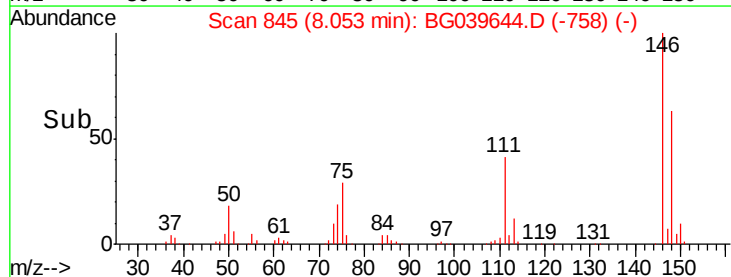
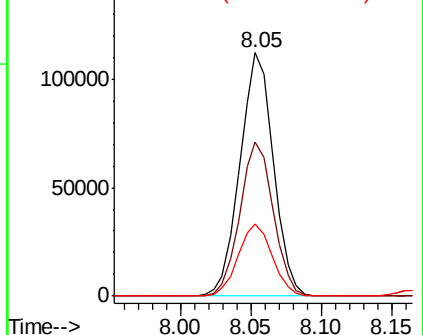
146 100

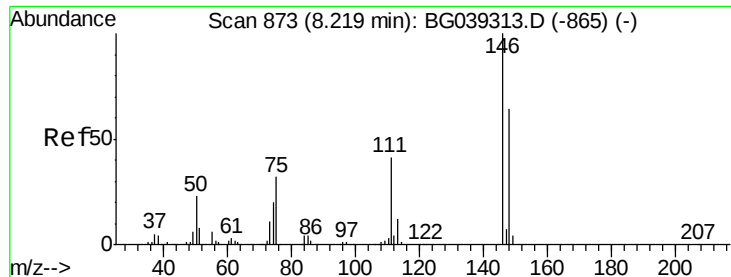
148 63.0 52.6 79.0

75 29.5 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 42.049 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

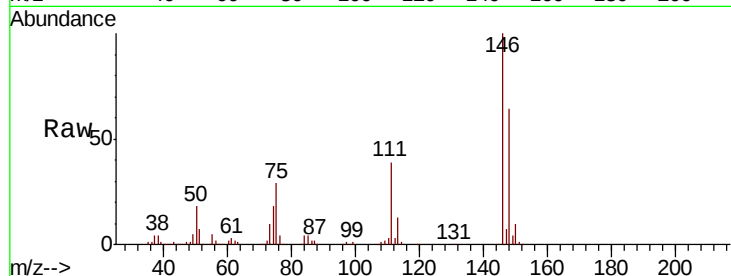
Tgt Ion:146 Resp: 185875

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

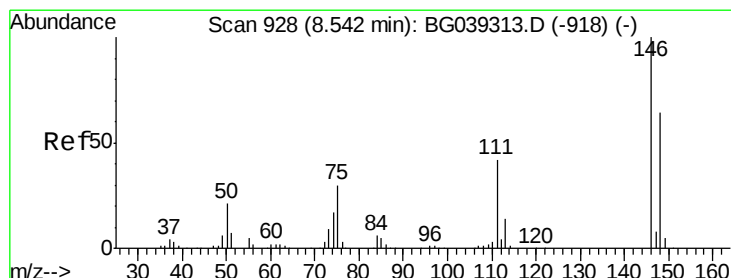
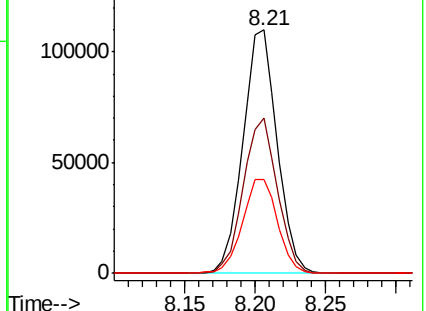
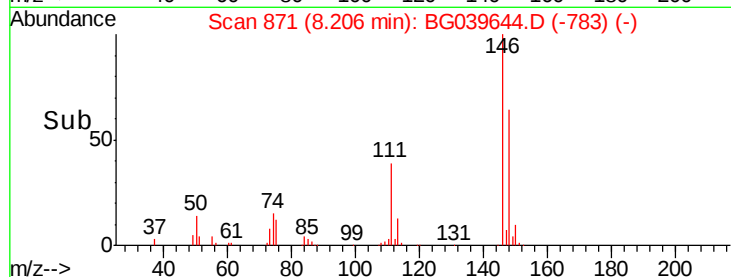
111 38.6 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.231 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

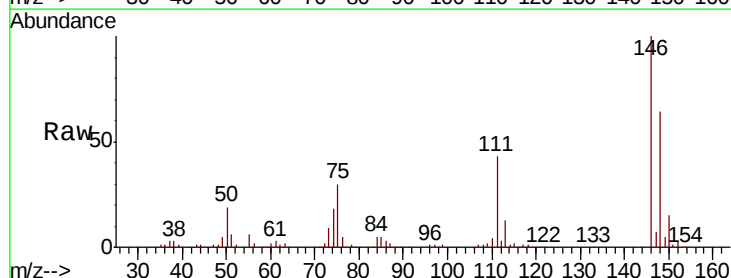
Tgt Ion:146 Resp: 180718

Ion Ratio Lower Upper

146 100

148 64.3 51.5 77.3

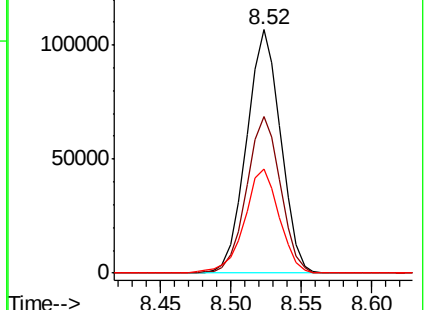
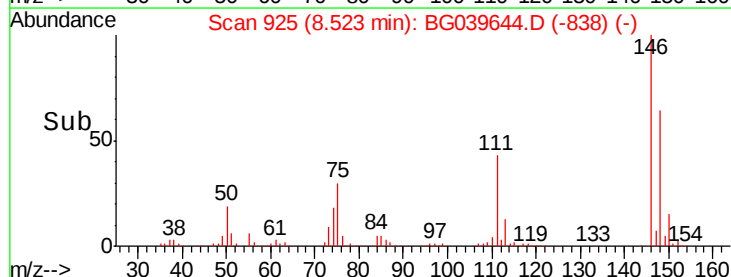
111 42.9 33.8 50.6

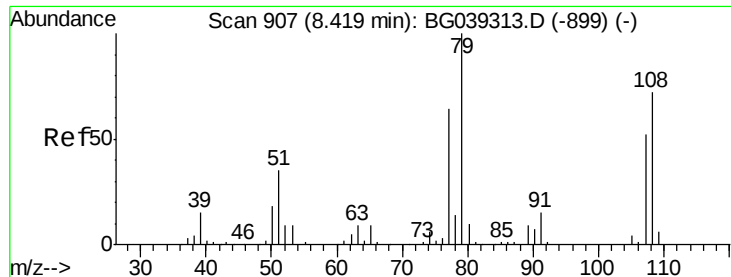


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.205 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

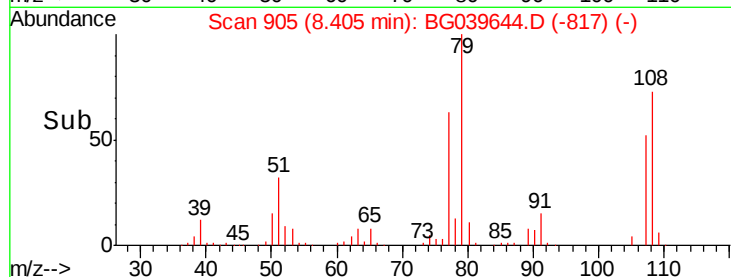
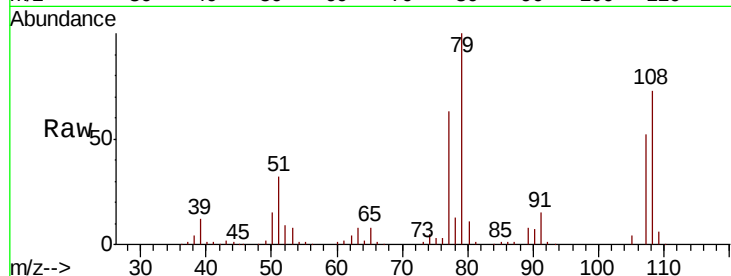
Tgt Ion: 79 Resp: 159479

Ion Ratio Lower Upper

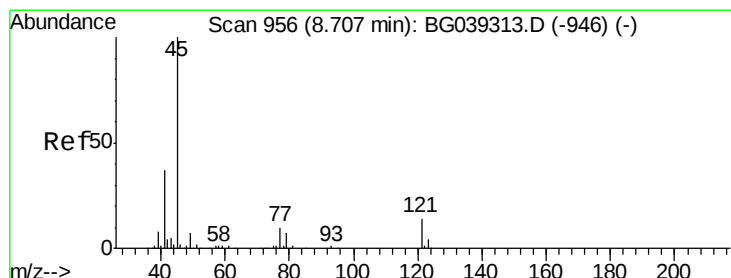
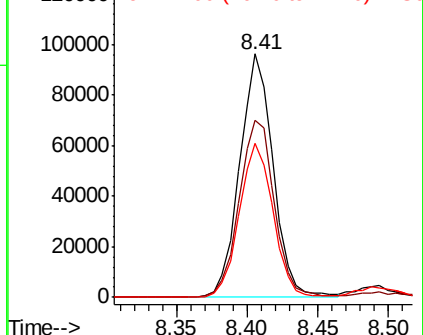
79 100

108 72.6 57.8 86.6

77 63.2 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.586 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

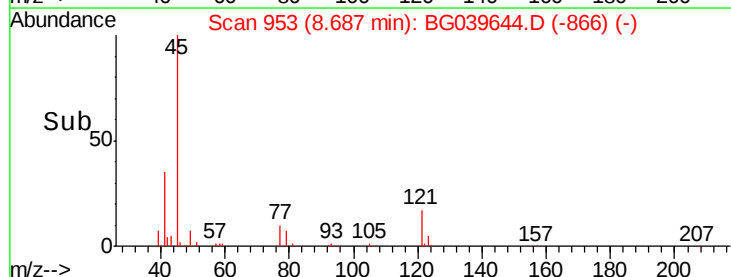
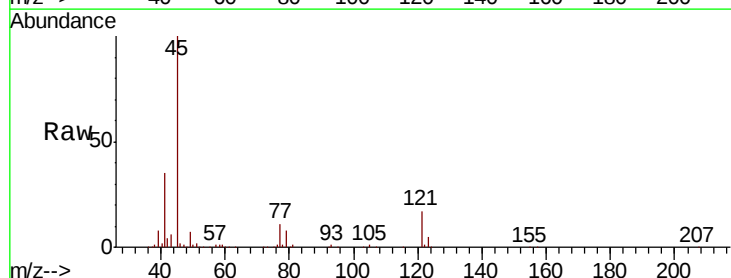
Tgt Ion: 45 Resp: 317162

Ion Ratio Lower Upper

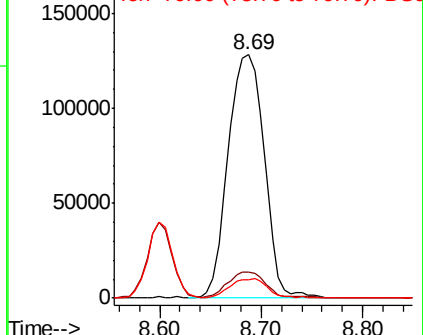
45 100

77 10.5 0.0 30.0

79 7.6 0.0 27.5



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

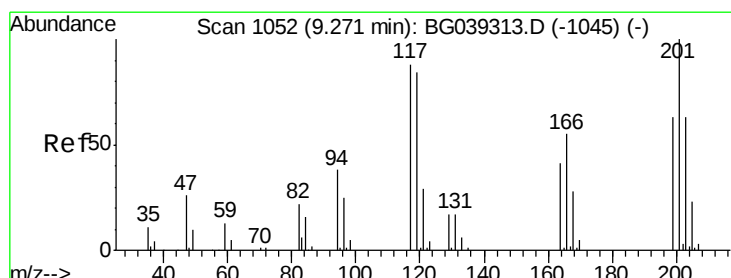
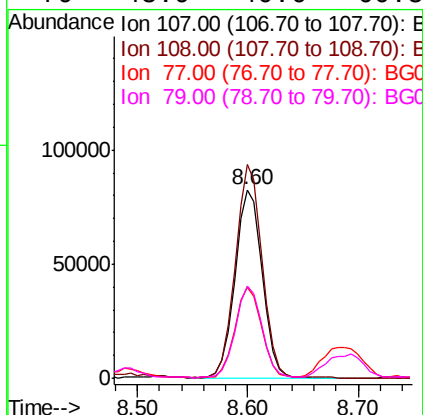
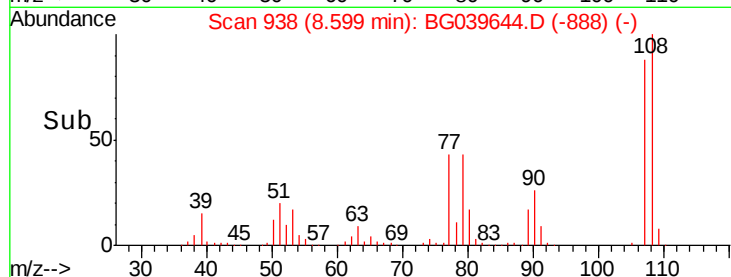
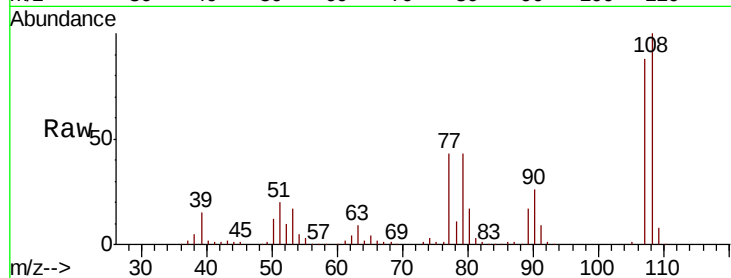




#17
2-Methylphenol
Concen: 43.243 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

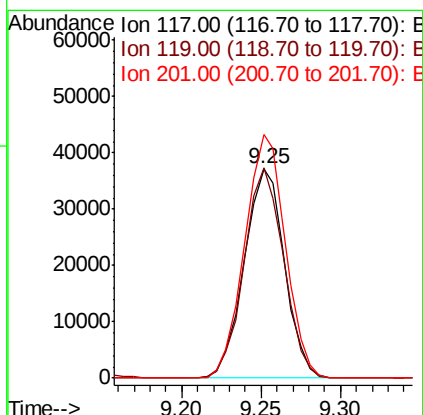
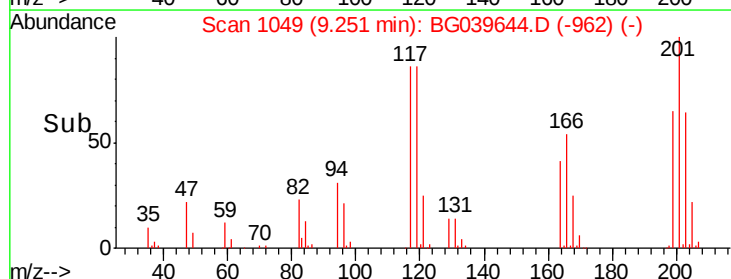
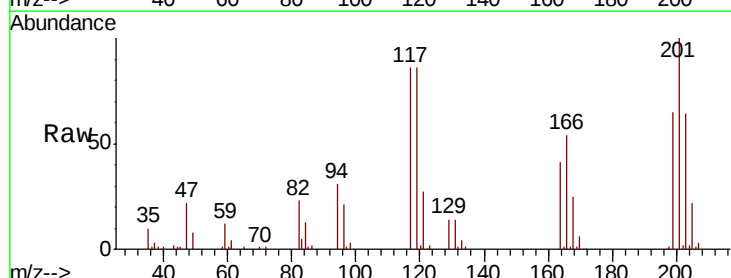
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

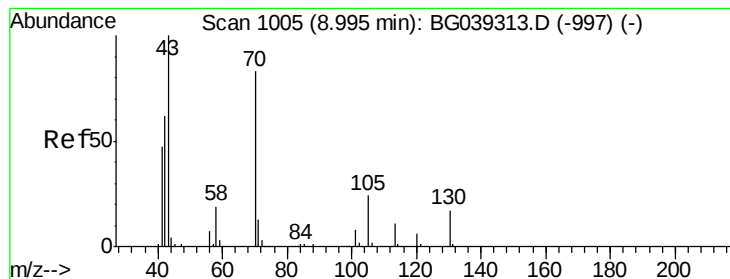
Tgt Ion:	107	Resp:	143808
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.8	136.2
77	48.3	40.7	61.1
79	48.9	40.6	60.8



#18
Hexachloroethane
Concen: 43.104 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:	117	Resp:	65552
Ion	Ratio	Lower	Upper
117	100		
119	100.2	76.3	114.5
201	116.4	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.235 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

Tgt Ion: 70 Resp: 137285

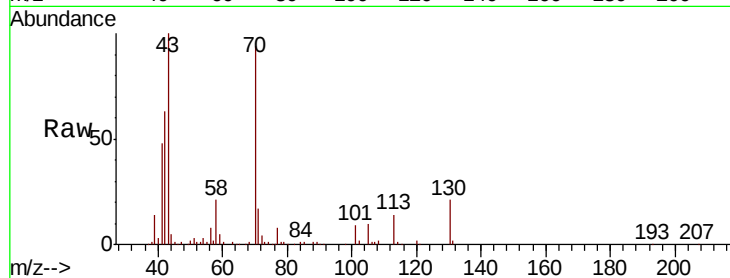
Ion Ratio Lower Upper

70 100

42 67.1 60.4 90.6

101 9.6 7.5 11.3

130 22.3 16.9 25.3



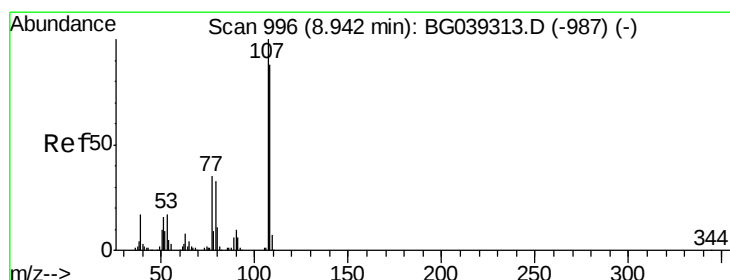
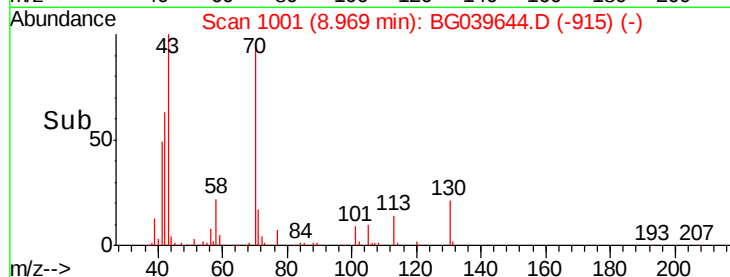
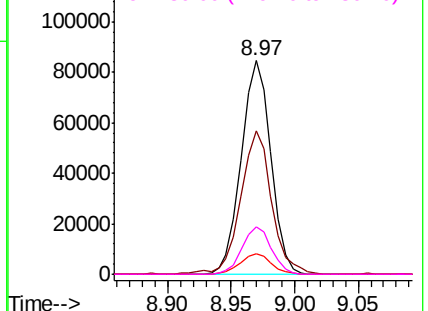
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.614 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion: 107 Resp: 195154

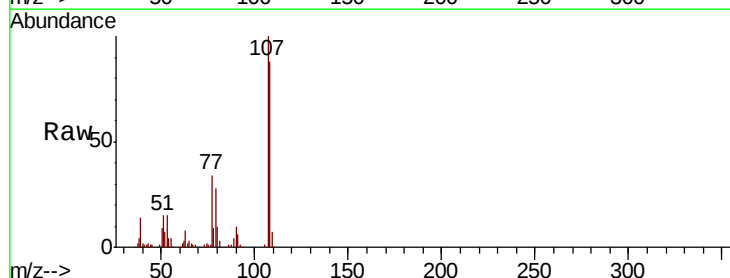
Ion Ratio Lower Upper

107 100

108 87.6 67.9 107.9

77 34.4 15.4 55.4

79 28.3 13.7 53.7



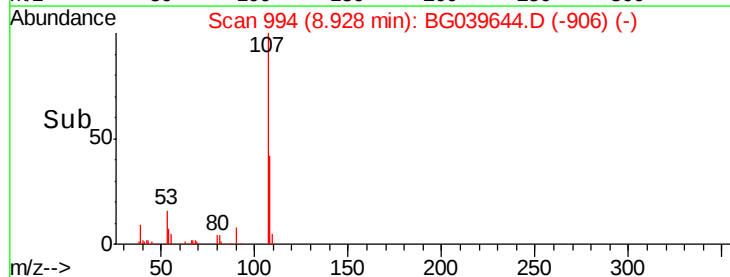
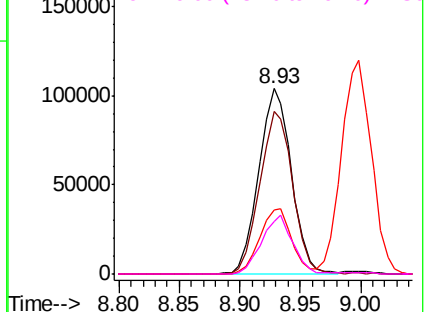
Abundance

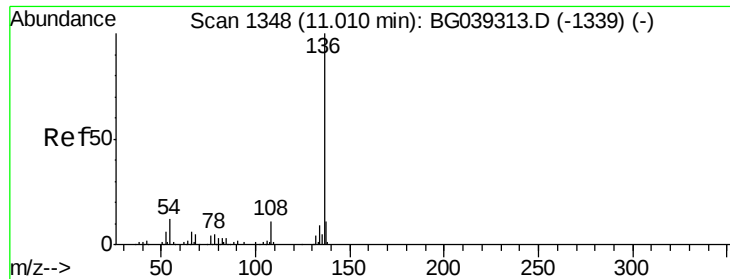
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

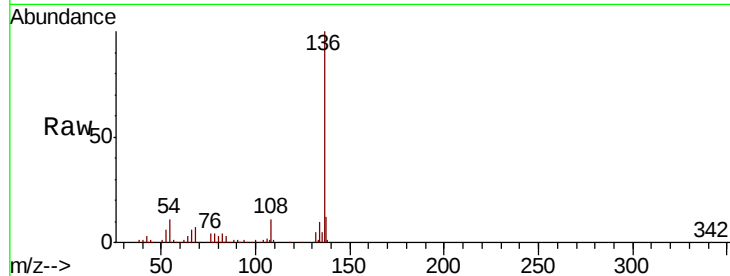




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion:	136	Resp:	229536
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.6	9.4	14.2
68	7.0	4.2	6.4#



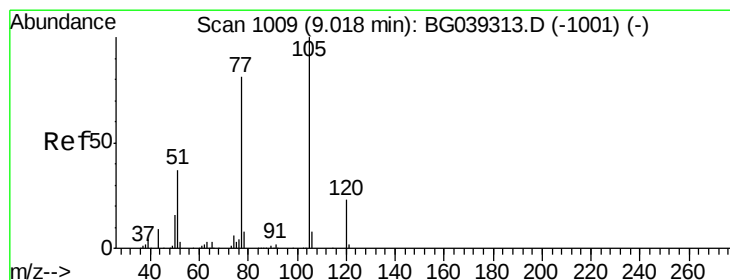
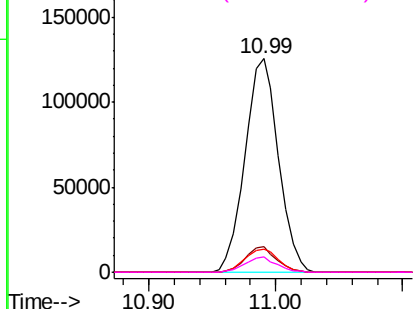
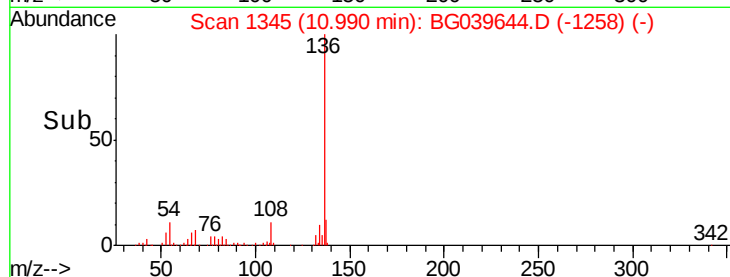
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

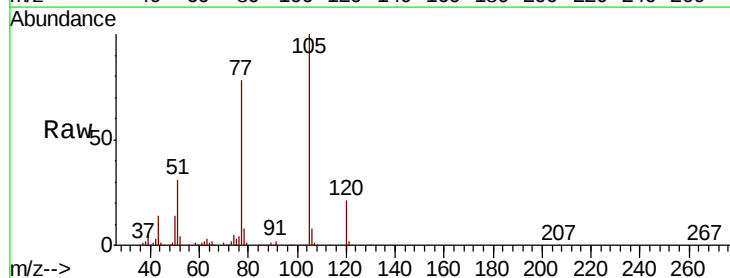
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.021 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:	105	Resp:	259087
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	31.5	30.2	45.2
120	21.5	18.0	27.0



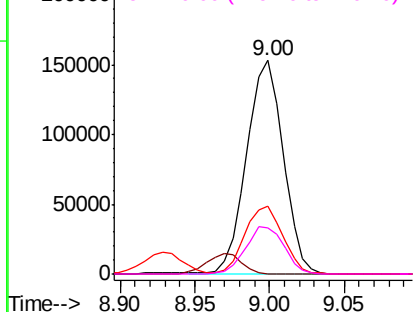
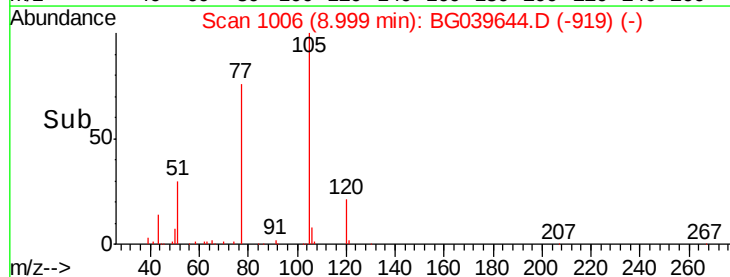
Abundance

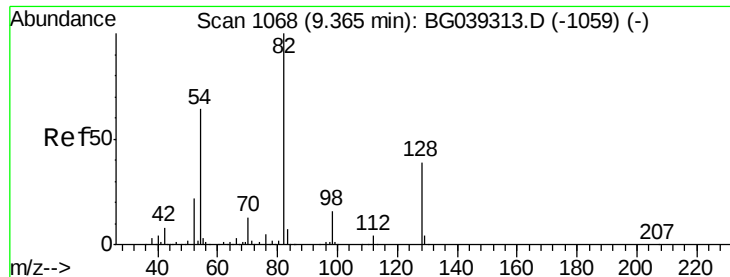
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

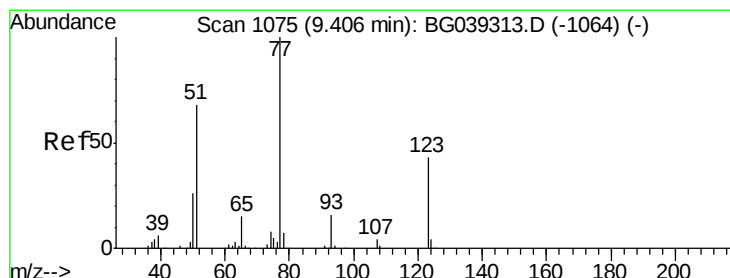
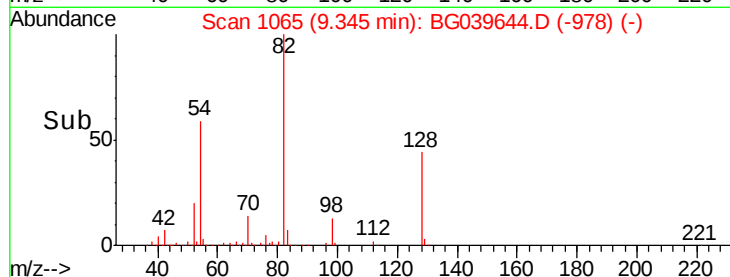
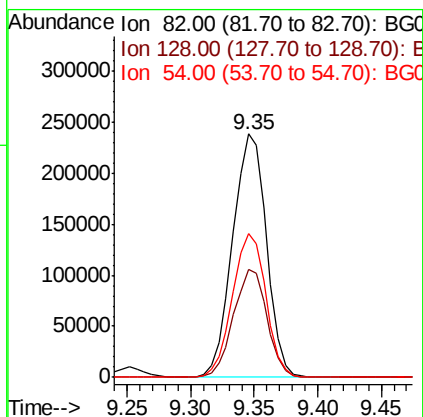
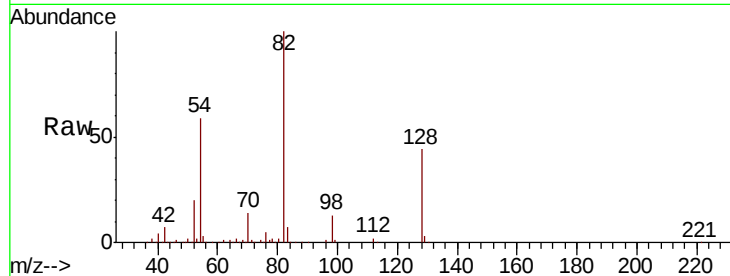




#23
 Nitrobenzene-d5
 Concen: 119.973 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

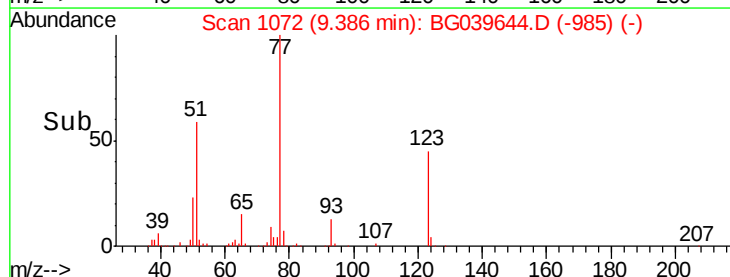
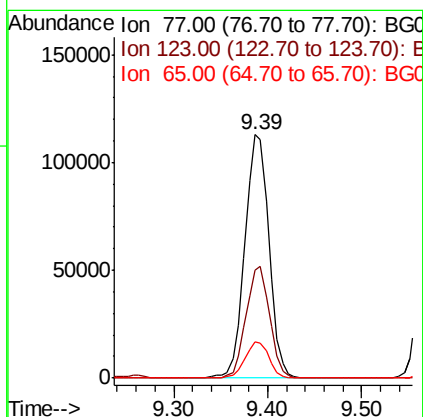
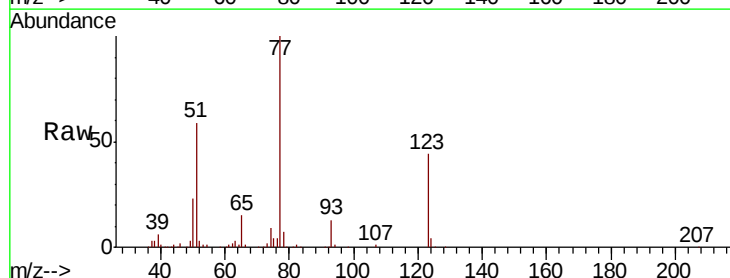
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

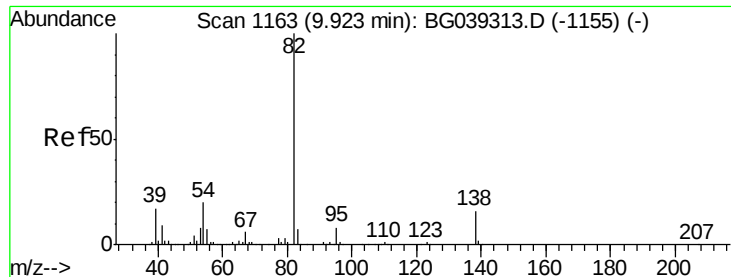
Tgt Ion: 82 Resp: 440811
 Ion Ratio Lower Upper
 82 100
 128 44.1 31.3 46.9
 54 58.9 50.9 76.3



#24
 Nitrobenzene
 Concen: 50.452 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion: 77 Resp: 200265
 Ion Ratio Lower Upper
 77 100
 123 44.5 34.1 51.1
 65 15.1 12.3 18.5





#25

Isophorone

Concen: 46.639 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

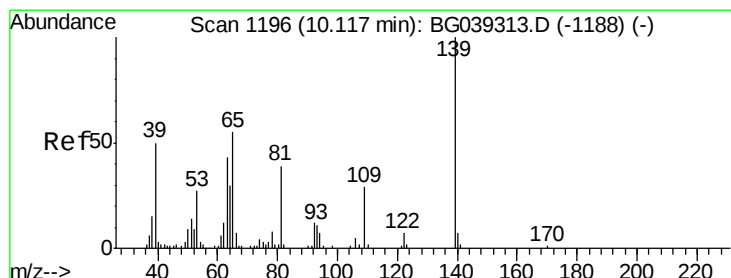
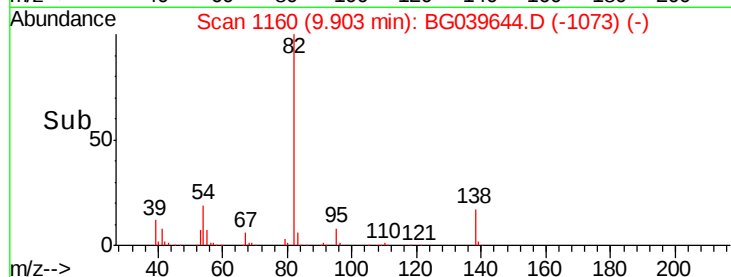
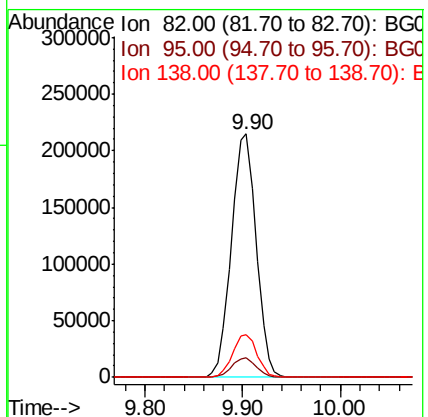
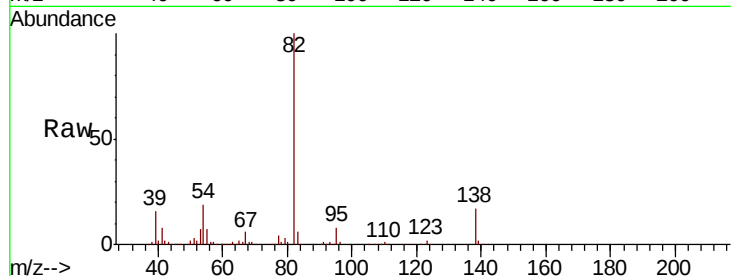
Tgt Ion: 82 Resp: 379740

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 17.4 13.0 19.4



#26

2-Nitrophenol

Concen: 59.786 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

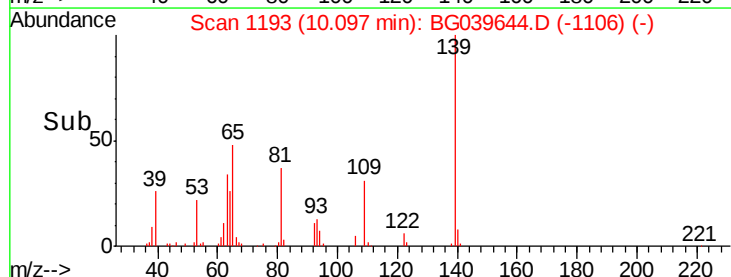
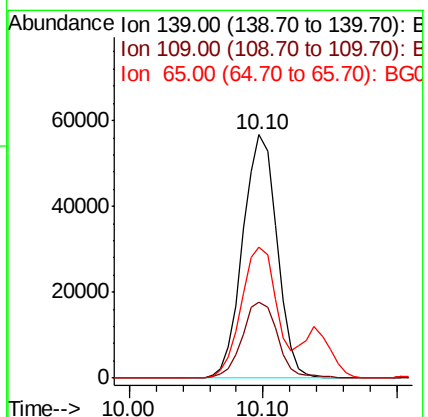
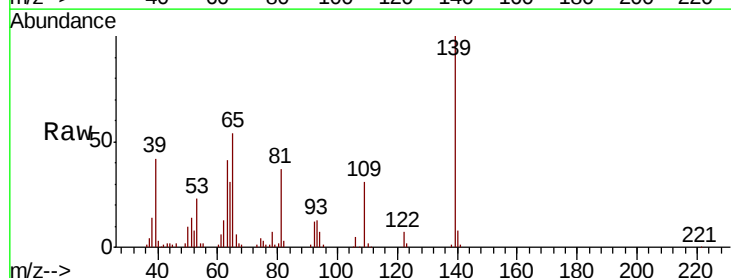
Tgt Ion: 139 Resp: 100407

Ion Ratio Lower Upper

139 100

109 31.3 23.4 35.0

65 53.8 44.3 66.5

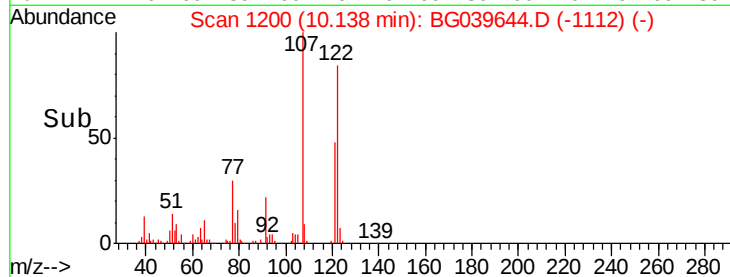
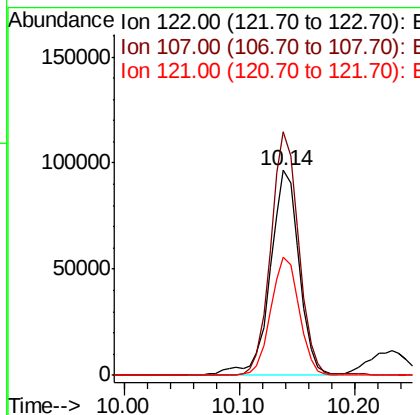
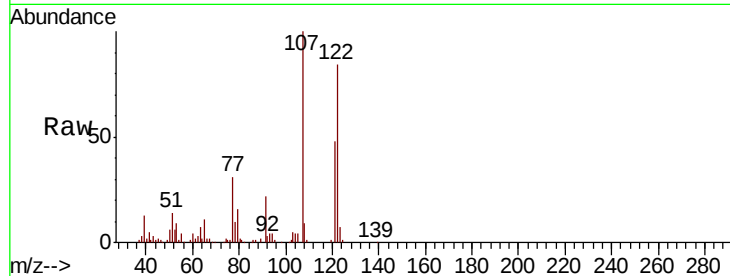




#27
 2,4-Dimethylphenol
 Concen: 51.193 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

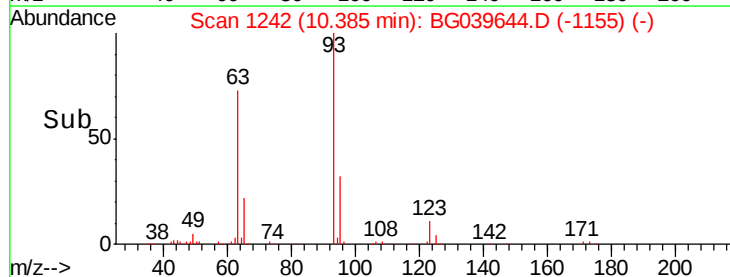
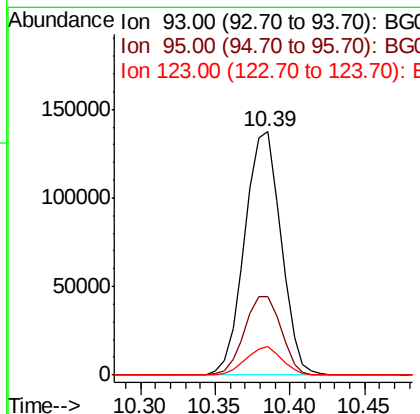
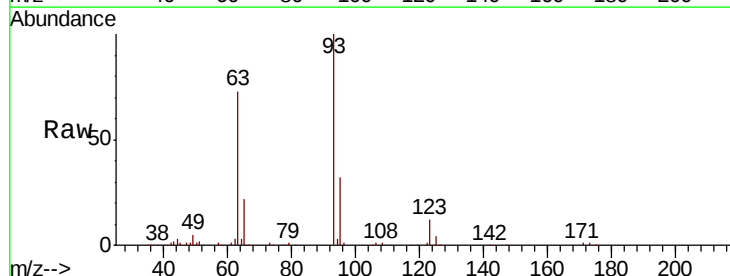
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

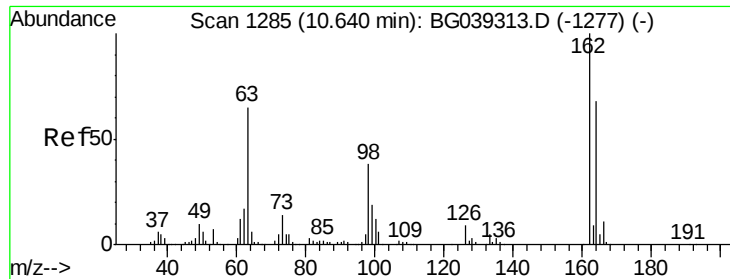
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.0	91.7	137.5
121	57.6	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.224 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.0	37.4
123	11.5	8.6	12.8

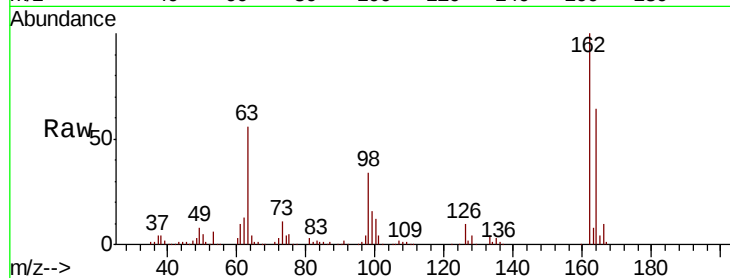




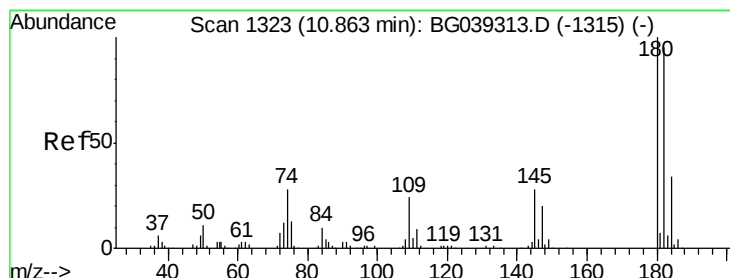
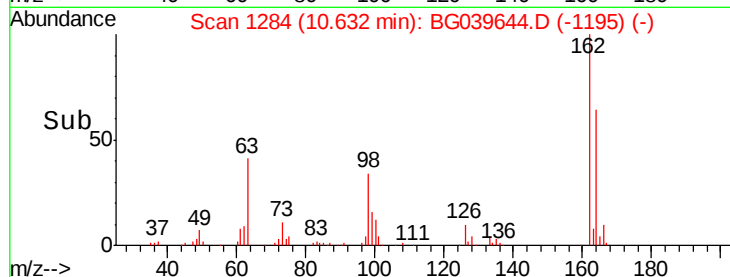
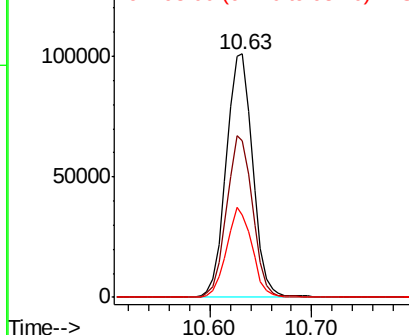
#29
2,4-Dichlorophenol
Concen: 50.820 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.1	88.1
98	33.6	18.1	58.1

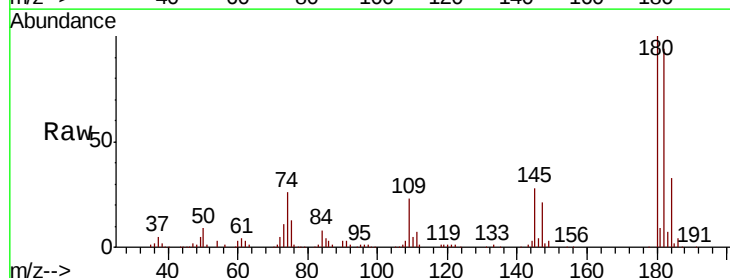


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

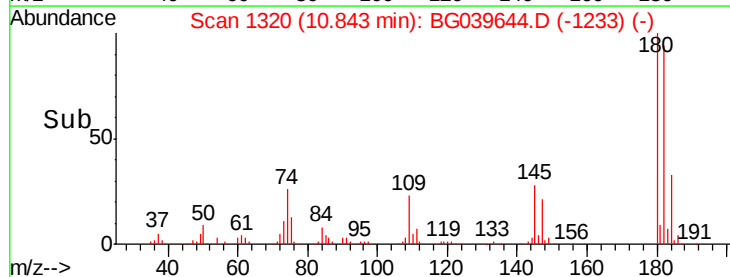
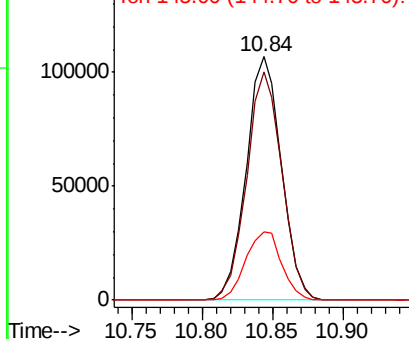


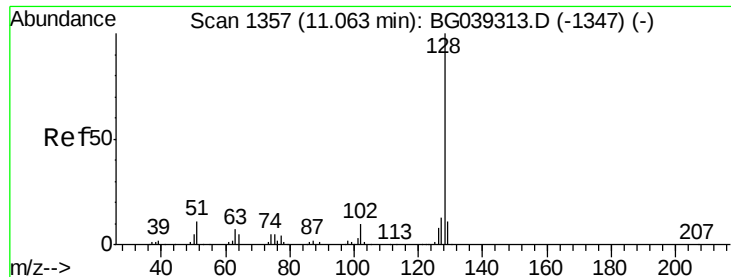
#30
1,2,4-Trichlorobenzene
Concen: 46.092 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.0	114.0
145	28.2	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

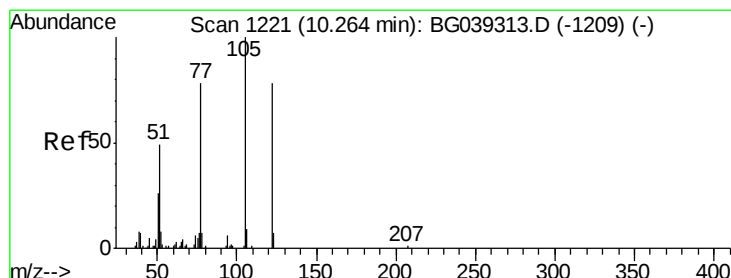
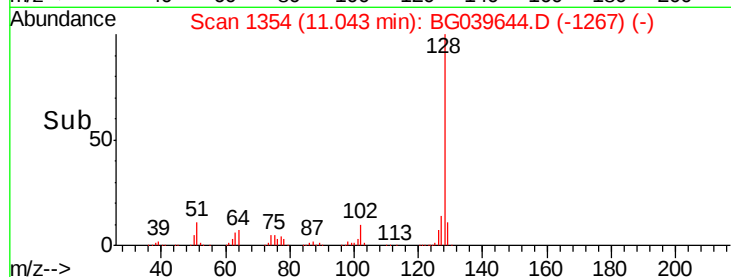
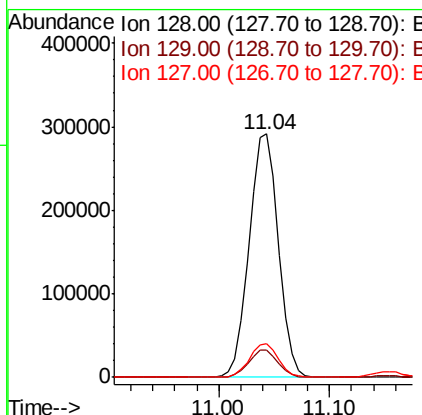
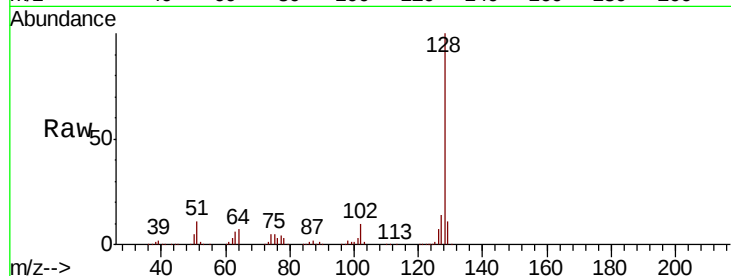




#31
Naphthalene
Concen: 47.564 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

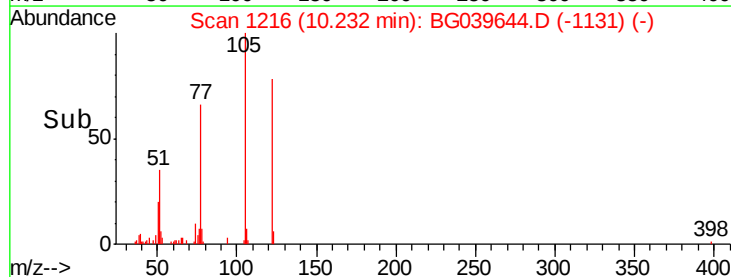
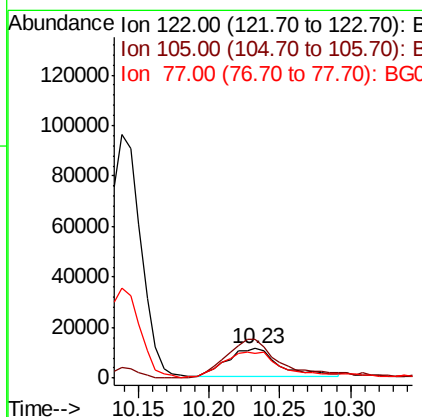
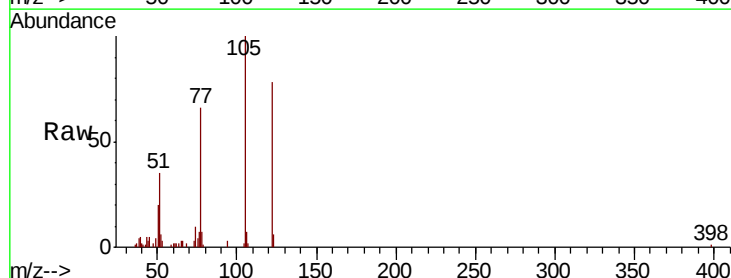
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

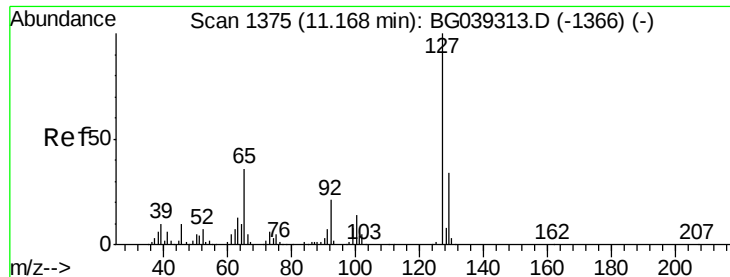
Tgt Ion:128 Resp: 541622
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 19.826 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:122 Resp: 28697
Ion Ratio Lower Upper
122 100
105 128.8 101.8 141.8
77 85.6 76.3 116.3

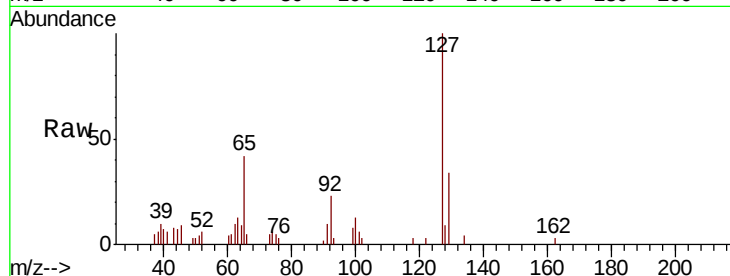




#33
4-Chloroaniline
Concen: 2.580 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion:	127	Resp:	13623
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.0	40.4
65	41.7	28.8	43.2
92	22.7	16.6	25.0



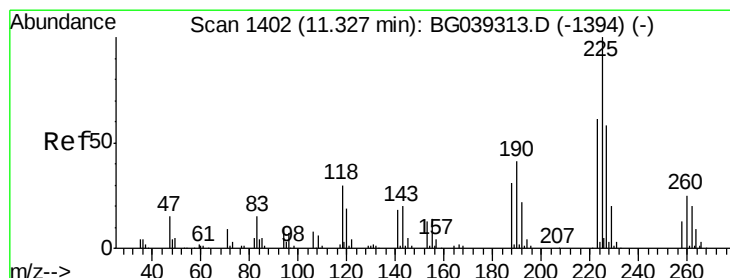
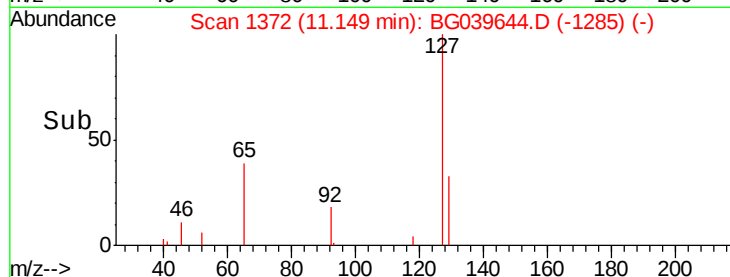
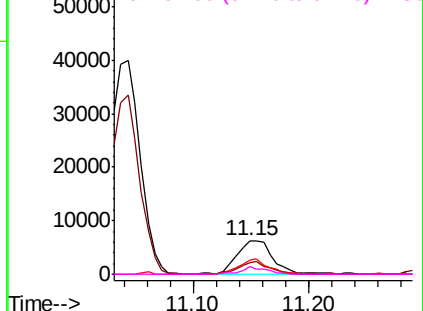
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

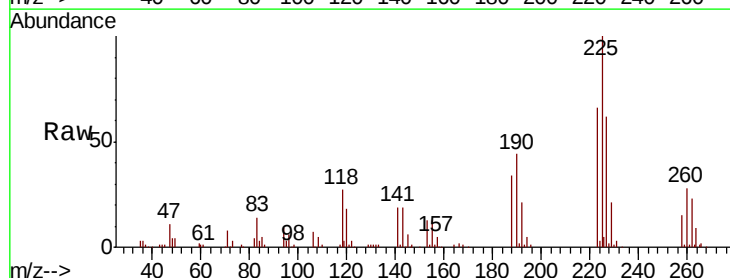
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.090 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:	225	Resp:	121188
Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.0	73.6
227	61.6	46.3	69.5

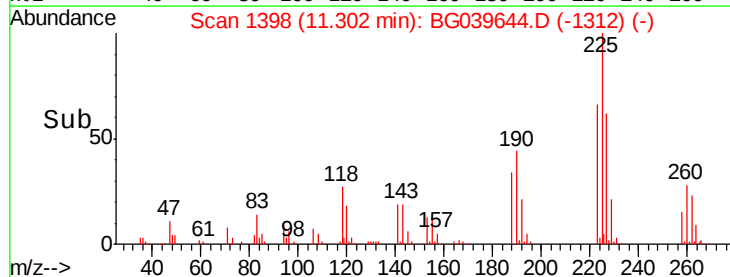
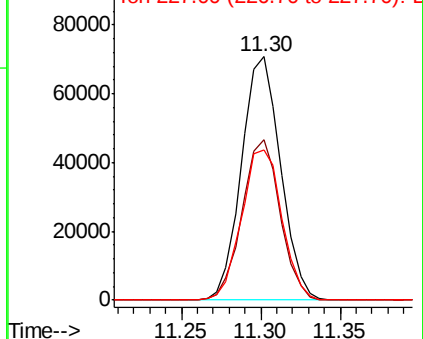


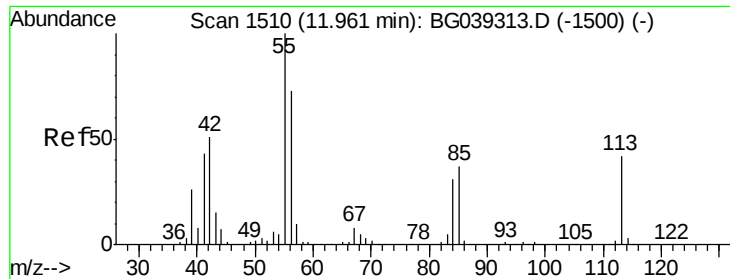
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.291 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

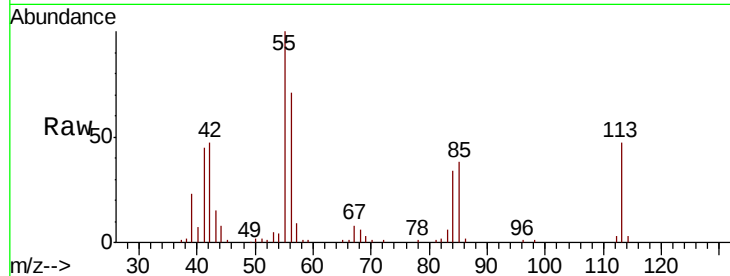
Tgt Ion:113 Resp: 34694

Ion Ratio Lower Upper

113 100

55 210.8 216.9 256.9#

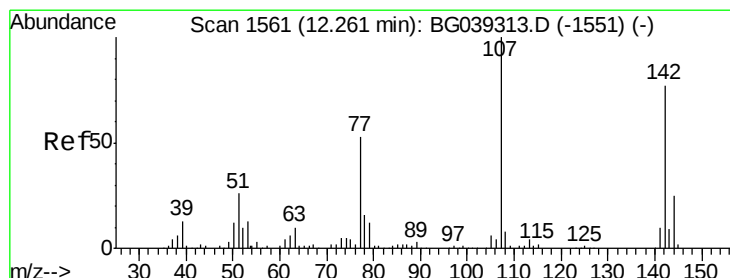
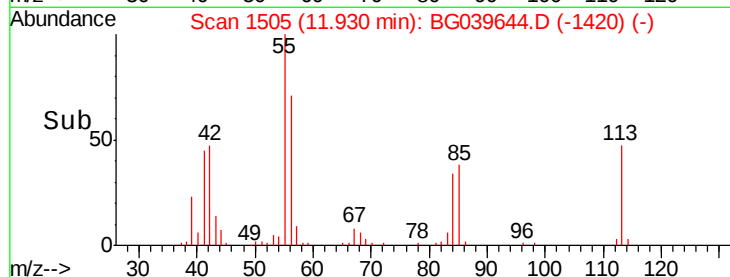
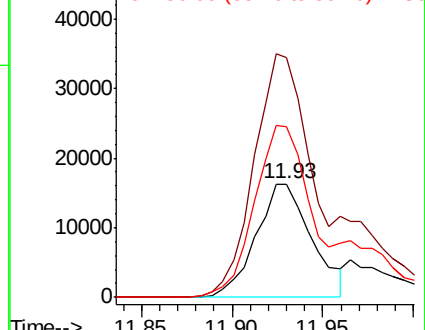
56 150.7 152.6 192.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.412 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

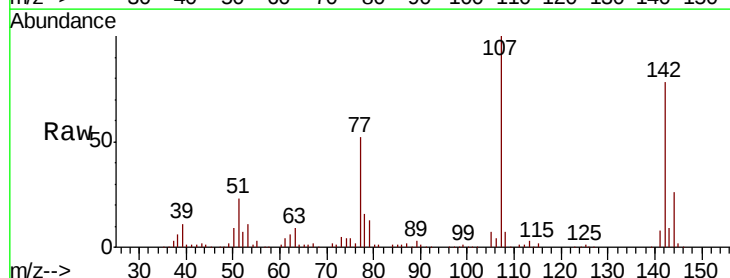
Tgt Ion:107 Resp: 189055

Ion Ratio Lower Upper

107 100

144 25.6 20.2 30.2

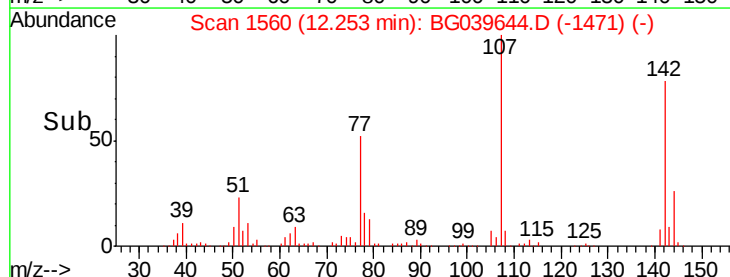
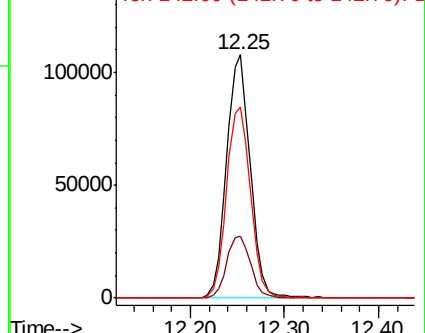
142 78.4 61.4 92.2

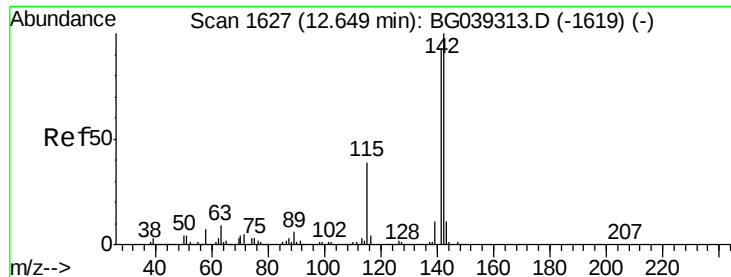


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

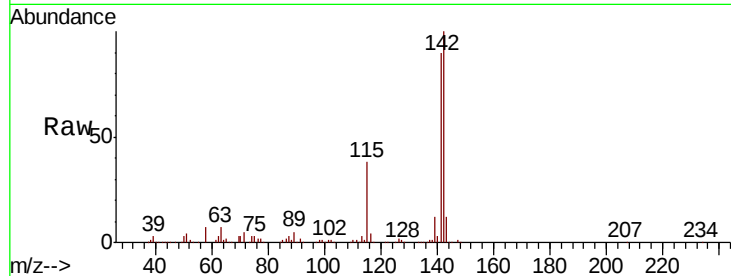




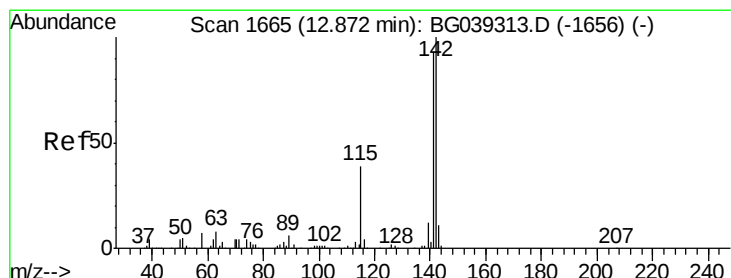
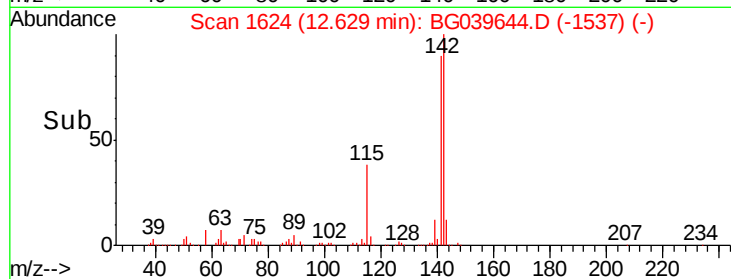
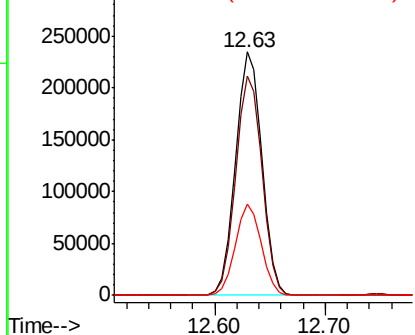
#37
 2-Methylnaphthalene
 Concen: 46.602 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tgt Ion:142 Resp: 393038
 Ion Ratio Lower Upper
 142 100
 141 89.9 73.5 110.3
 115 37.6 30.8 46.2

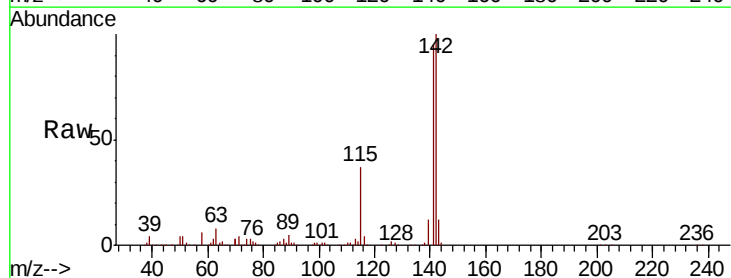


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

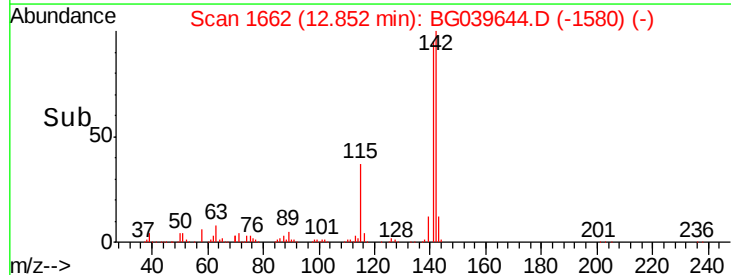
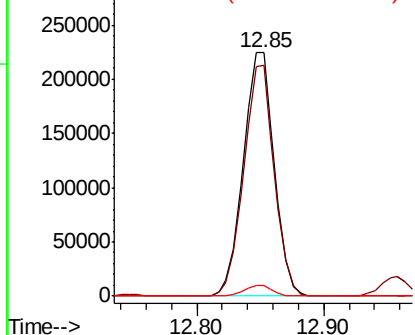


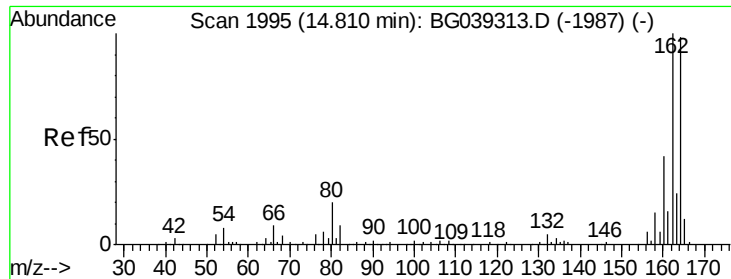
#38
 1-Methylnaphthalene
 Concen: 46.664 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion:142 Resp: 379373
 Ion Ratio Lower Upper
 142 100
 141 94.6 74.2 111.4
 116 4.1 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

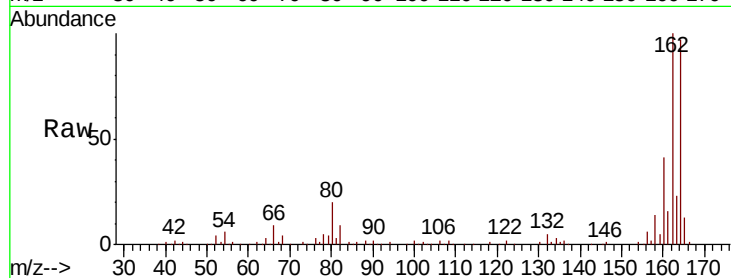
Tgt Ion:164 Resp: 148676

Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

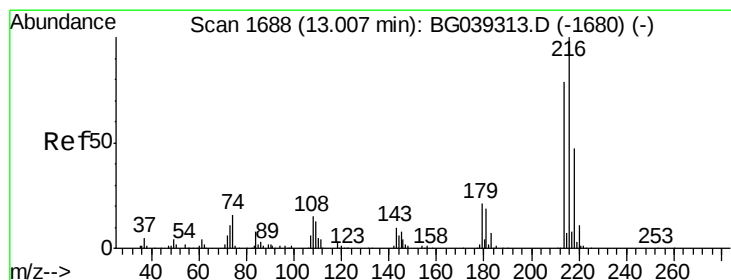
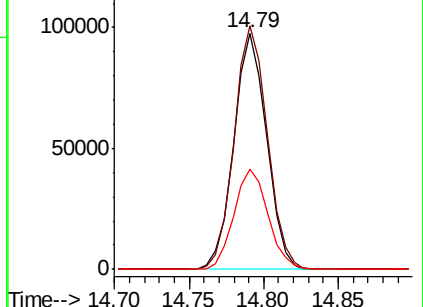
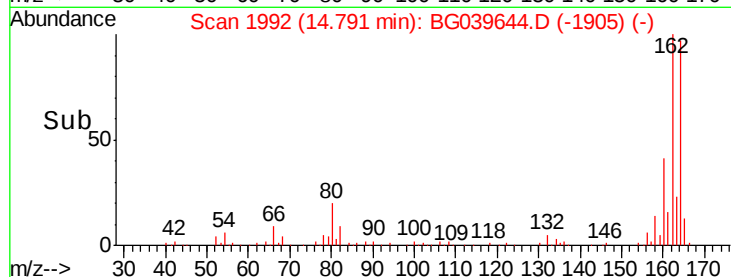
160 42.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.519 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:216 Resp: 220056

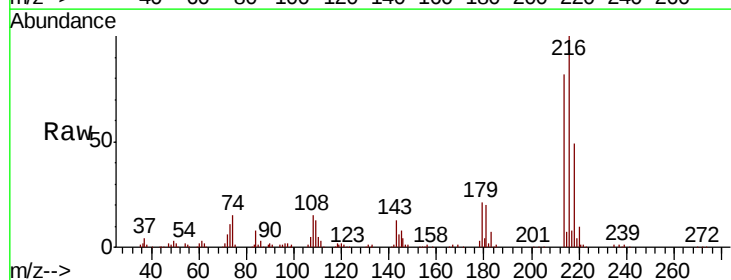
Ion Ratio Lower Upper

216 100

214 79.8 62.6 94.0

179 20.4 16.6 25.0

108 17.6 14.0 21.0

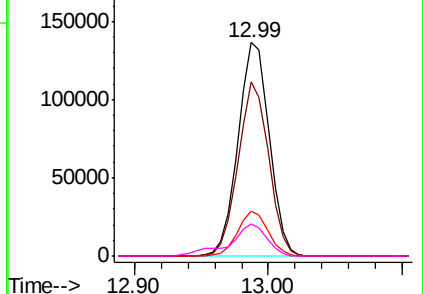
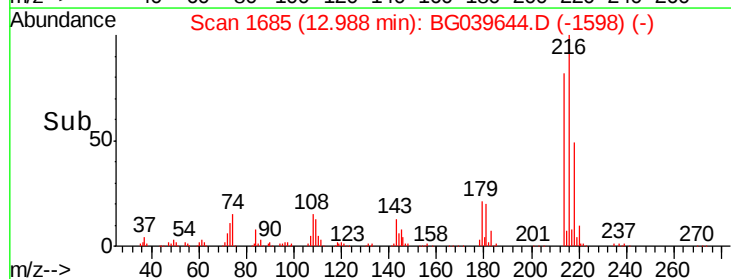


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 101.359 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

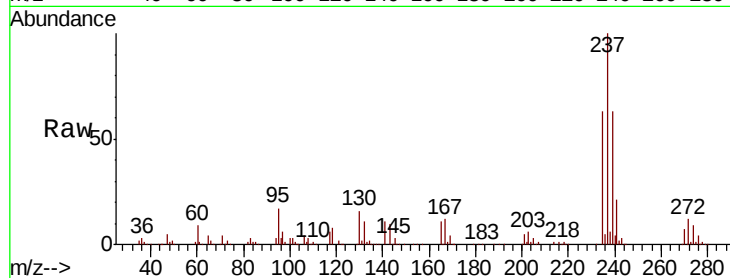
Tgt Ion: 237 Resp: 261271

Ion Ratio Lower Upper

237 100

235 62.6 43.3 83.3

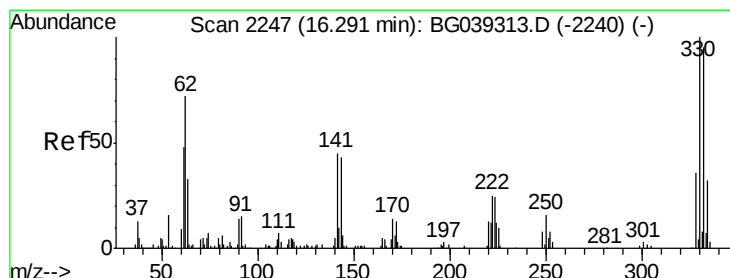
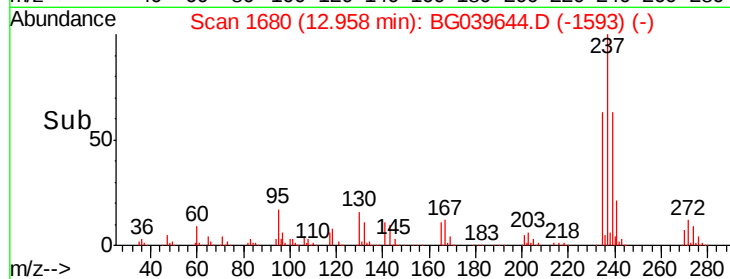
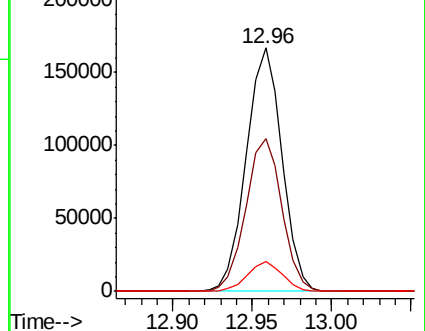
272 12.3 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 167.046 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

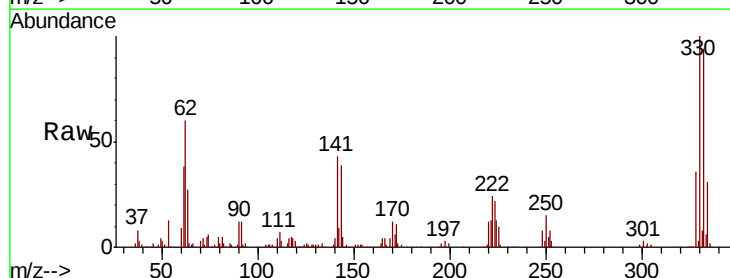
Tgt Ion: 330 Resp: 267438

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

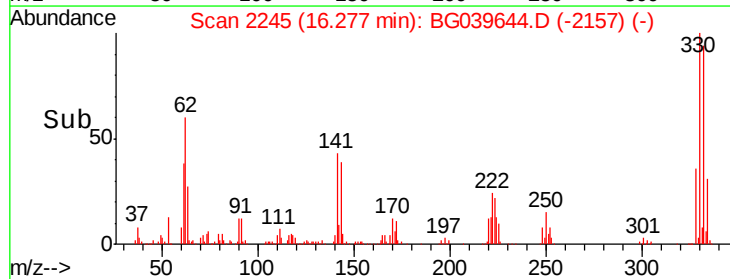
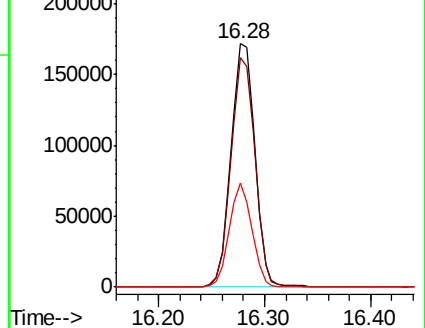
141 40.4 35.6 53.4

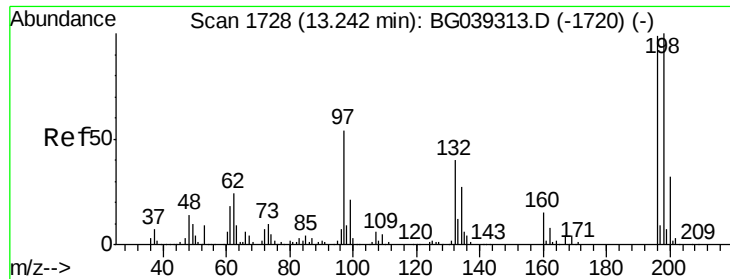


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

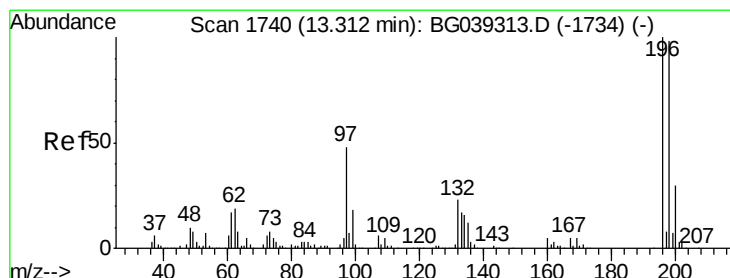
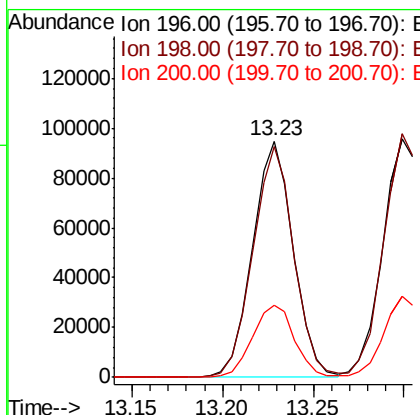
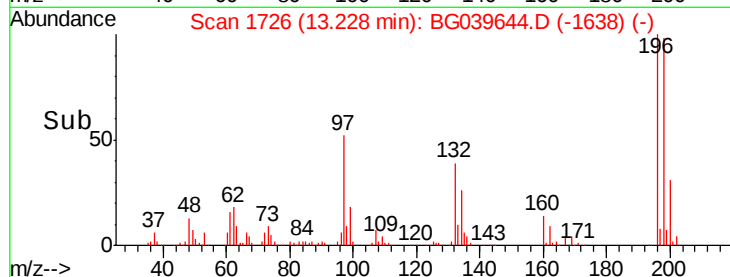
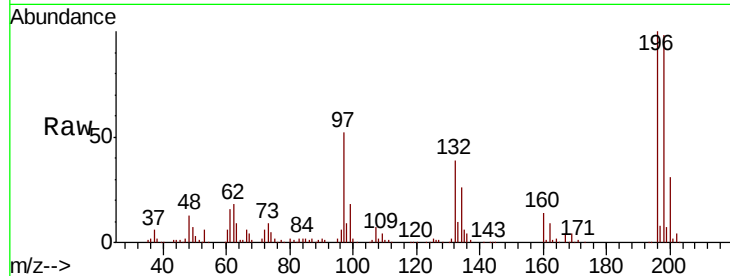




#43
 2,4,6-Trichlorophenol
 Concen: 51.172 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

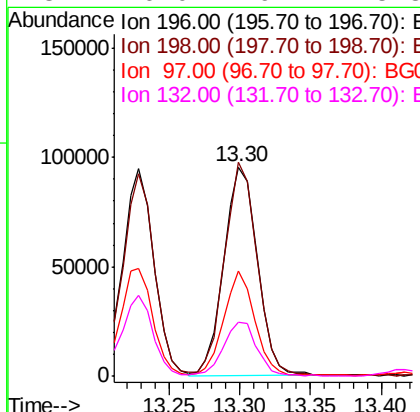
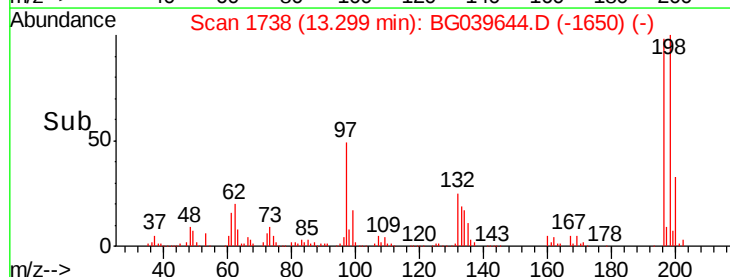
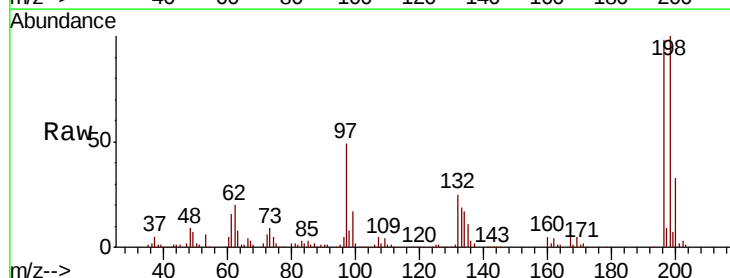
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tgt Ion:196 Resp: 148834
 Ion Ratio Lower Upper
 196 100
 198 97.9 80.6 121.0
 200 30.5 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.655 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion:196 Resp: 157465
 Ion Ratio Lower Upper
 196 100
 198 102.2 78.5 117.7
 97 50.0 38.4 57.6
 132 26.0 19.2 28.8

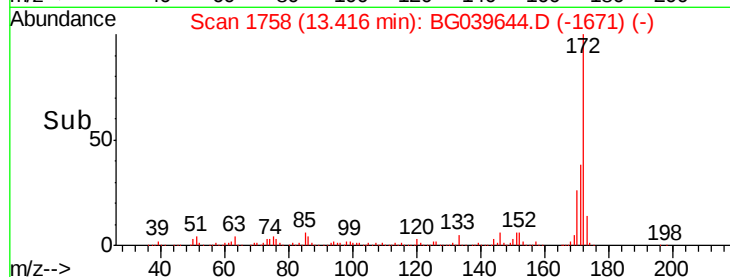
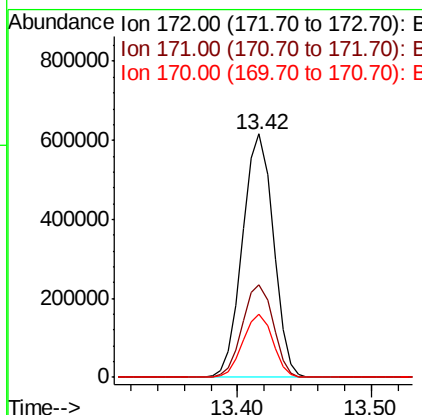
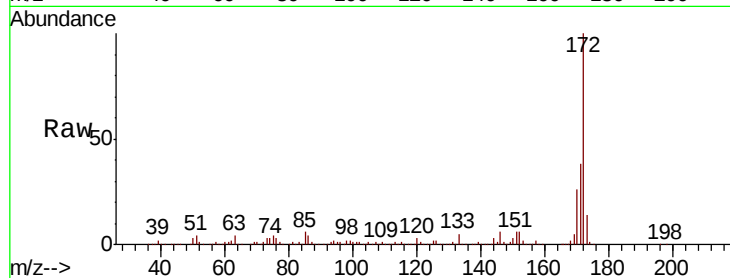




#45
 2-Fluorobiphenyl
 Concen: 94.886 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

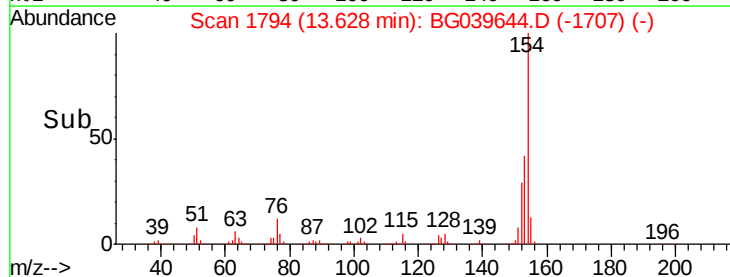
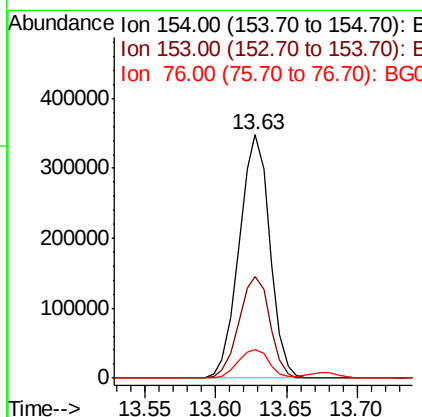
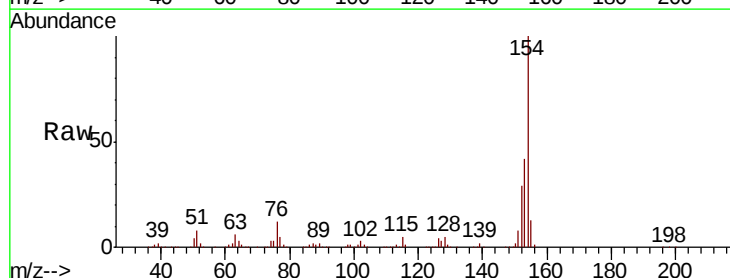
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

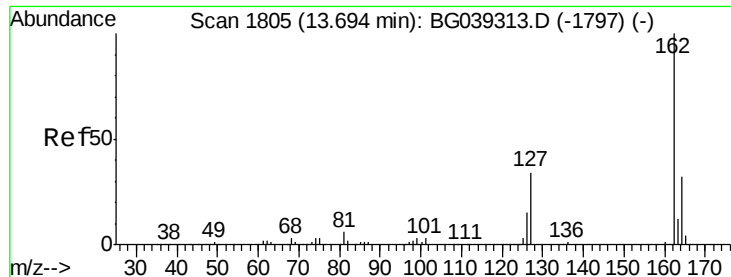
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.9	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 42.592 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	12.0	0.0	32.4

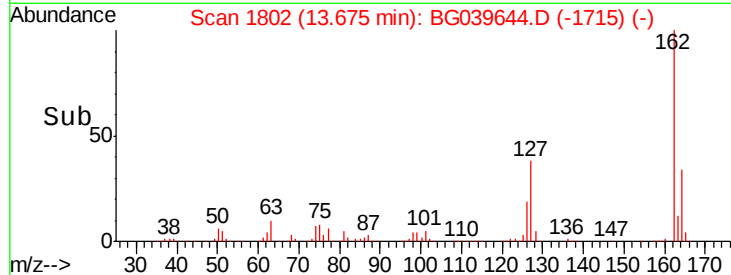
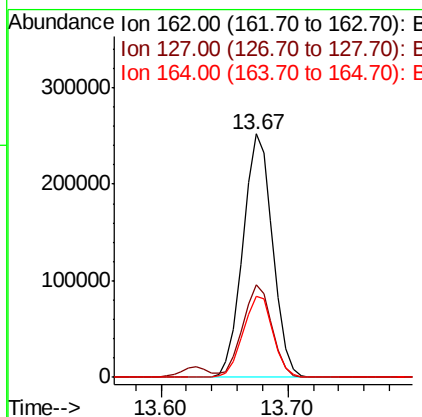
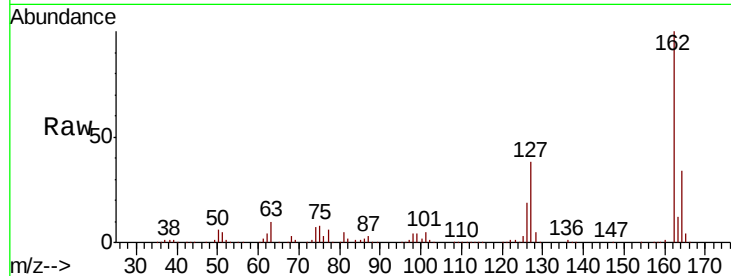




#47
 2-Chloronaphthalene
 Concen: 43.899 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

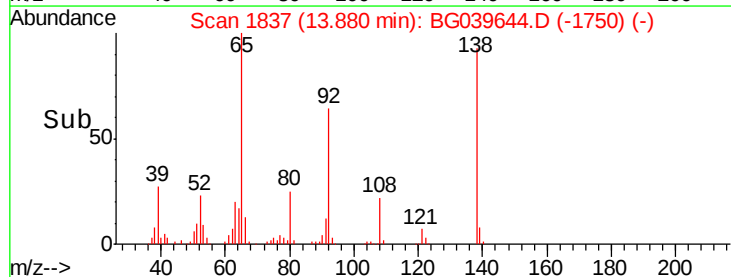
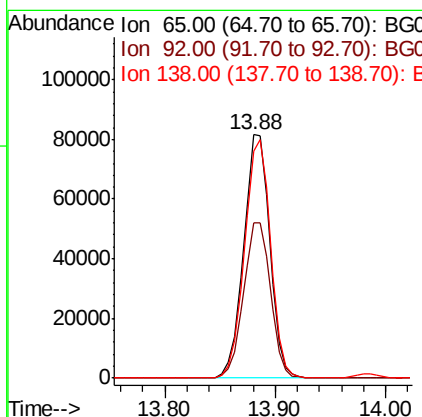
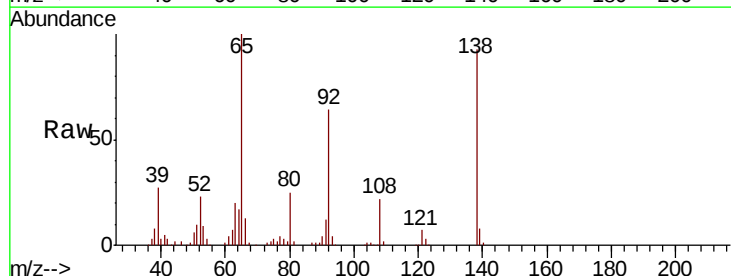
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tgt Ion:	162	Resp:	408515
Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.0	46.6
164	33.5	25.7	38.5



#48
 2-Nitroaniline
 Concen: 50.532 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion:	65	Resp:	136499
Ion	Ratio	Lower	Upper
65	100		
92	63.9	51.4	77.2
138	93.2	71.4	107.2





#49

Acenaphthylene

Concen: 46.759 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

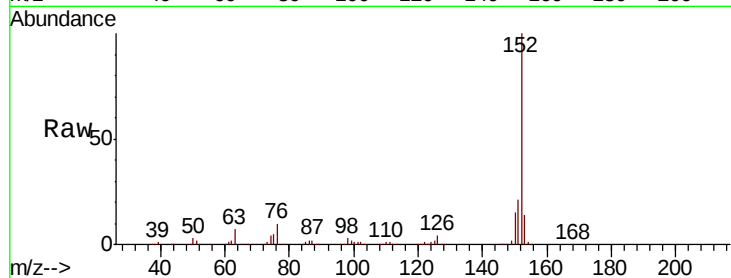
Tgt Ion:152 Resp: 656583

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

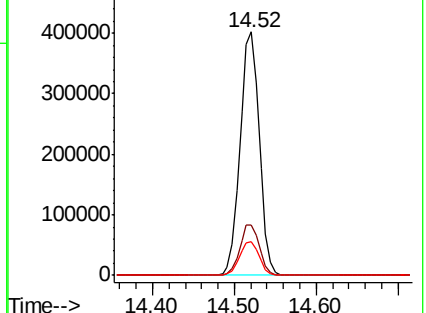
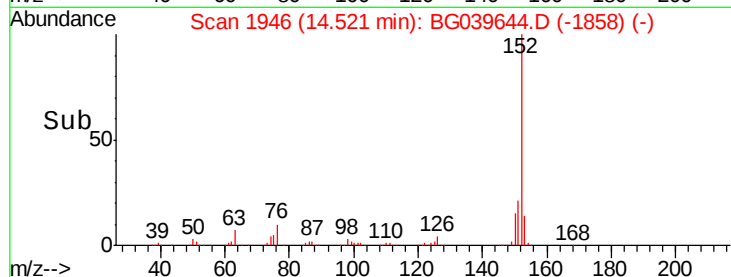
153 13.9 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.759 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

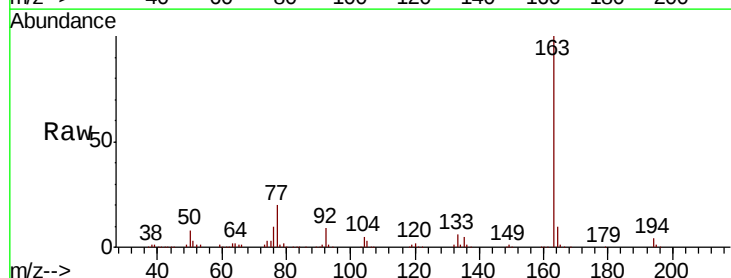
Tgt Ion:163 Resp: 525446

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

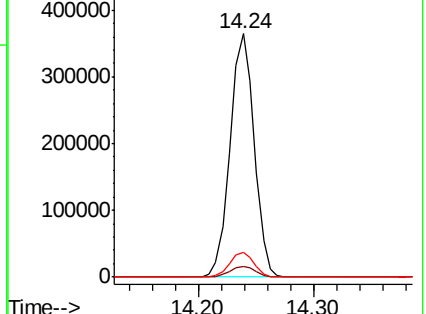
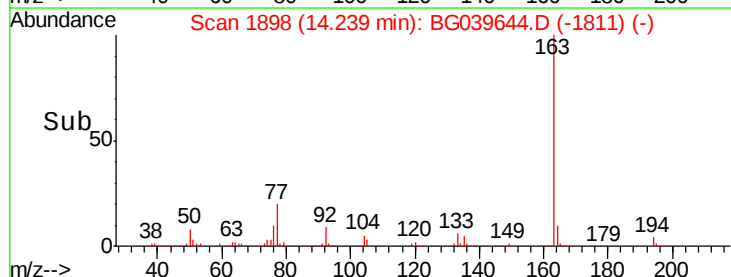
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.913 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

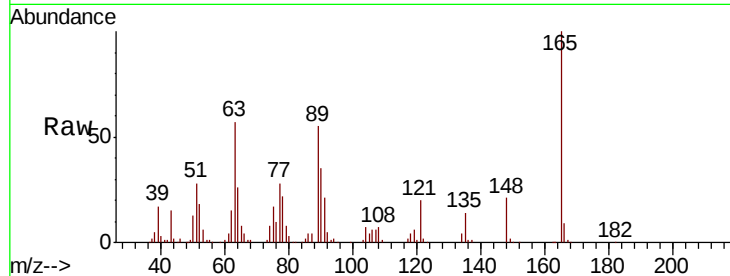
Tgt Ion:165 Resp: 117892

Ion Ratio Lower Upper

165 100

63 57.4 47.0 70.6

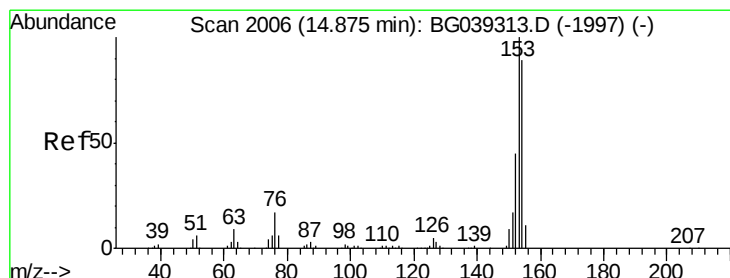
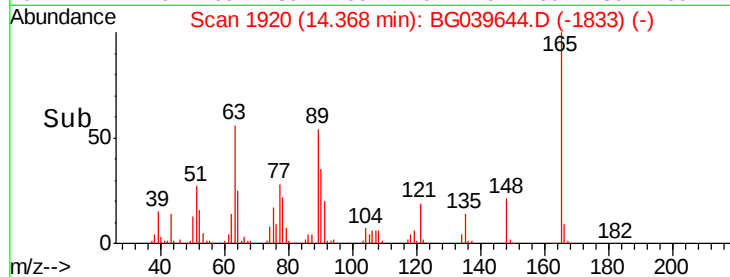
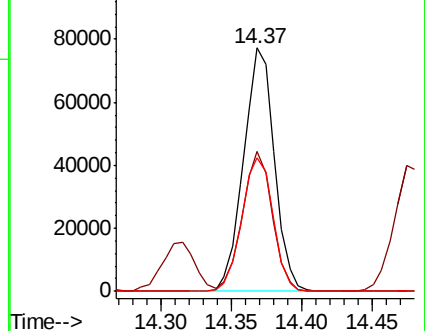
89 54.7 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.967 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

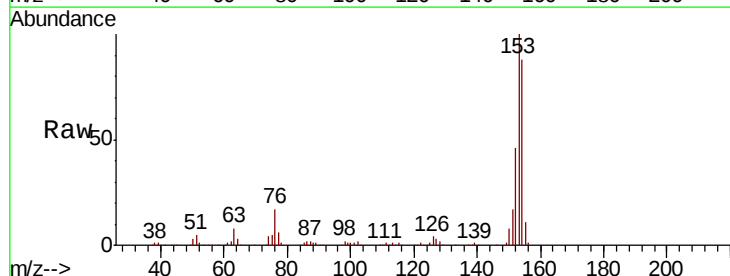
Tgt Ion:154 Resp: 400745

Ion Ratio Lower Upper

154 100

153 113.4 90.1 135.1

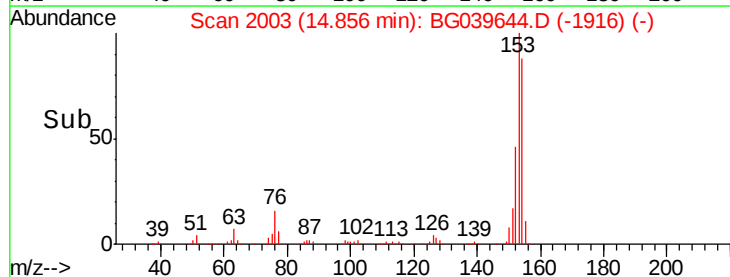
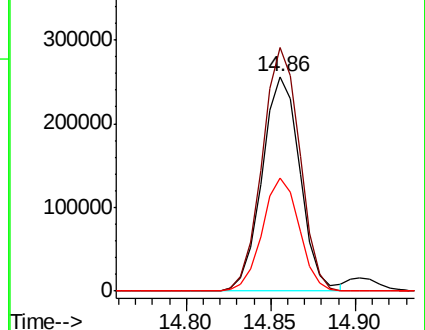
152 52.6 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

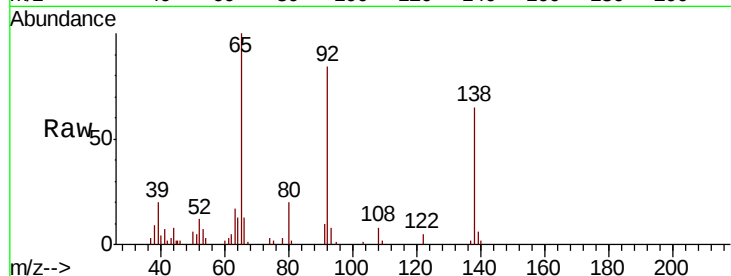




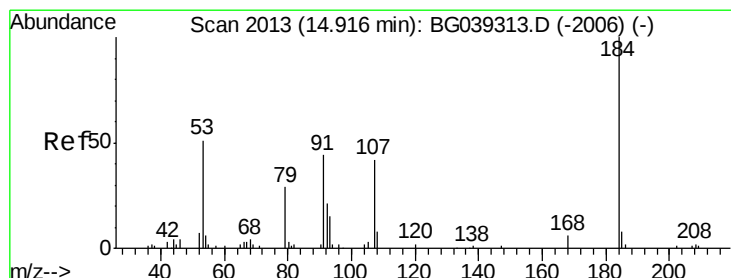
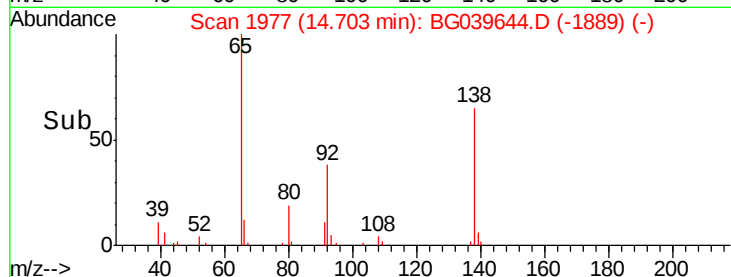
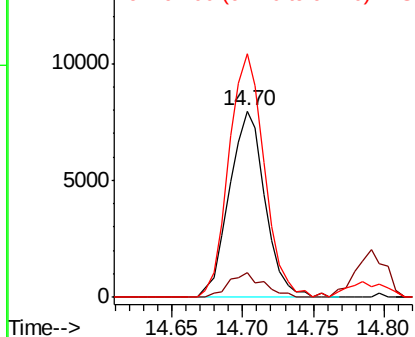
#53
3-Nitroaniline
Concen: 10.878 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion:138 Resp: 14004
Ion Ratio Lower Upper
138 100
108 13.2 13.8 20.8#
92 130.8 103.7 155.5

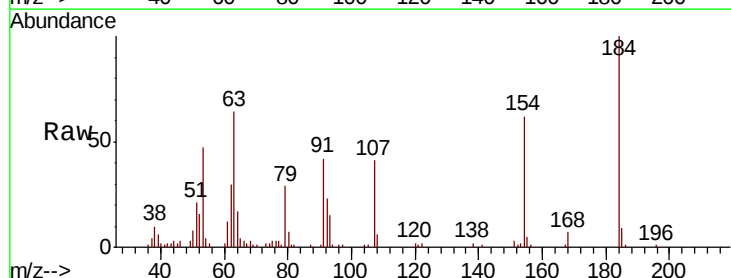


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

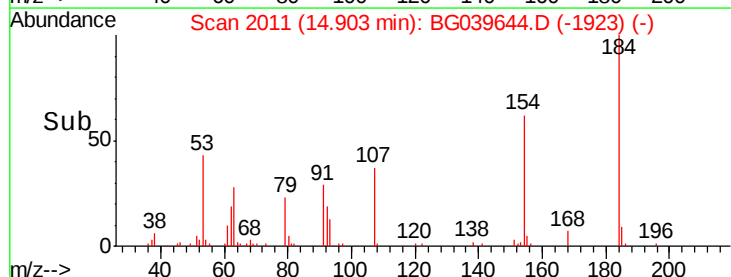
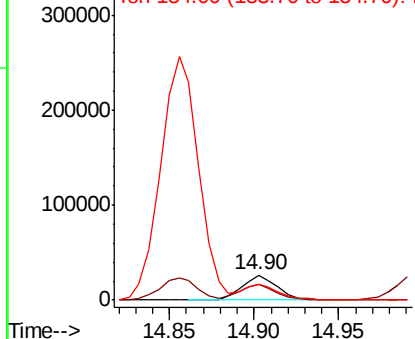


#54
2,4-Dinitrophenol
Concen: 48.335 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:184 Resp: 38507
Ion Ratio Lower Upper
184 100
63 63.9 50.9 76.3
154 62.0 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

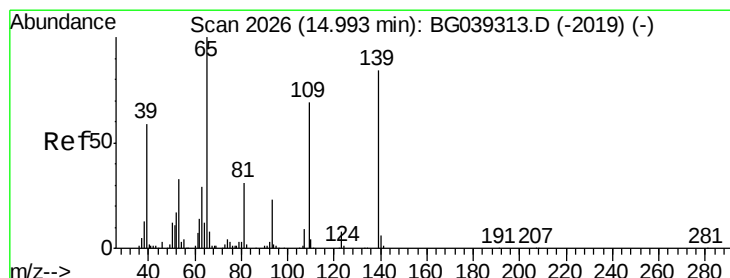
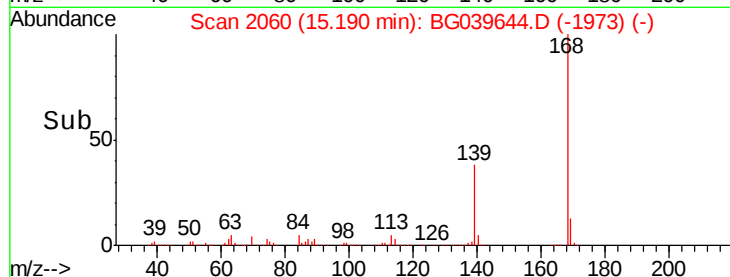
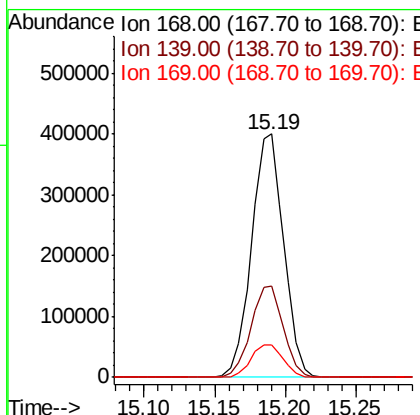
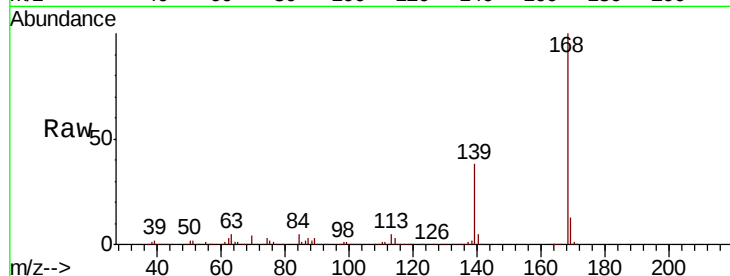




#55
Dibenzenofuran
Concen: 43.650 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

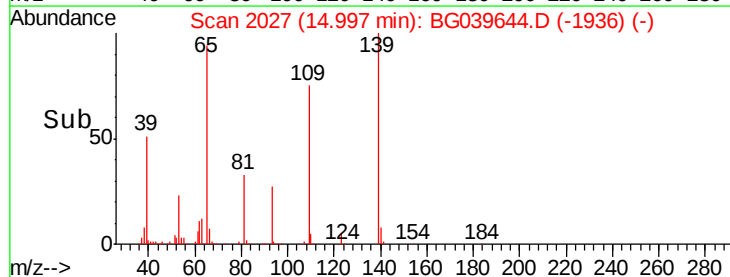
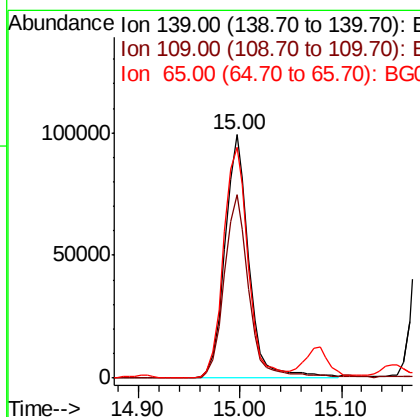
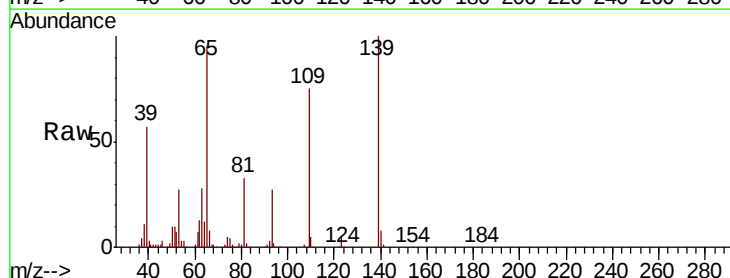
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion:168 Resp: 637902
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 75.544 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:139 Resp: 163257
Ion Ratio Lower Upper
139 100
109 75.4 61.9 101.9
65 94.8 99.1 139.1#





#57

2,4-Dinitrotoluene

Concen: 56.344 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

Tgt Ion:165 Resp: 166641

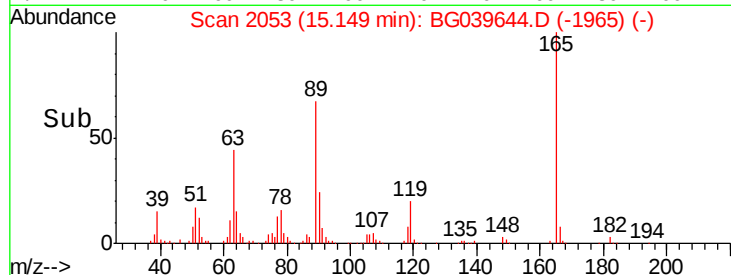
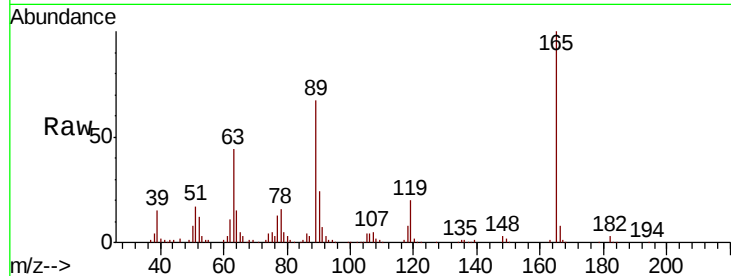
Ion Ratio Lower Upper

165 100

63 44.3 41.0 61.6

89 66.6 64.6 96.8

182 3.3 2.0 3.0#

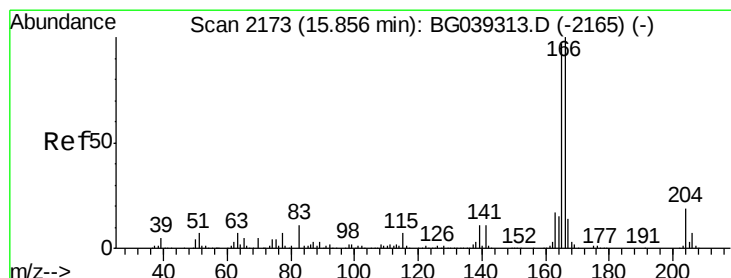
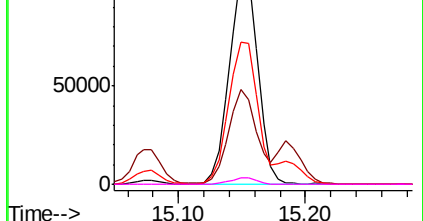


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.175 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

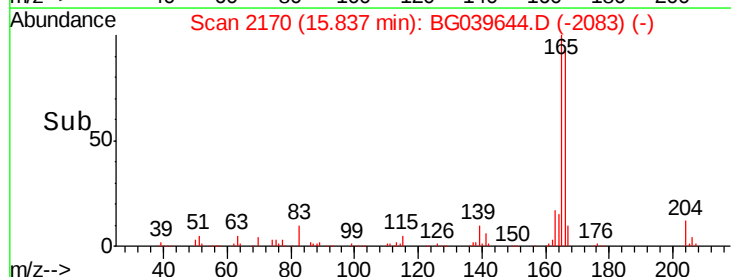
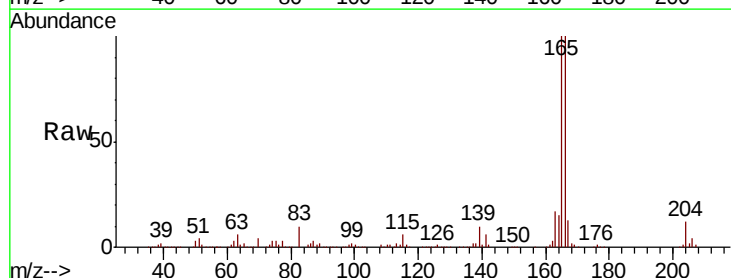
Tgt Ion:166 Resp: 503036

Ion Ratio Lower Upper

166 100

165 99.5 77.9 116.9

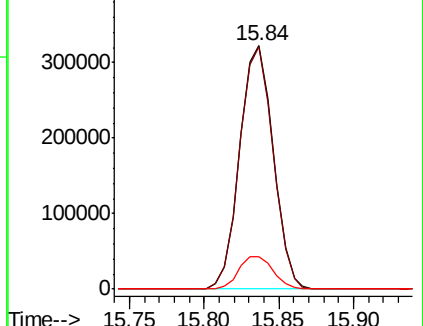
167 13.5 10.8 16.2

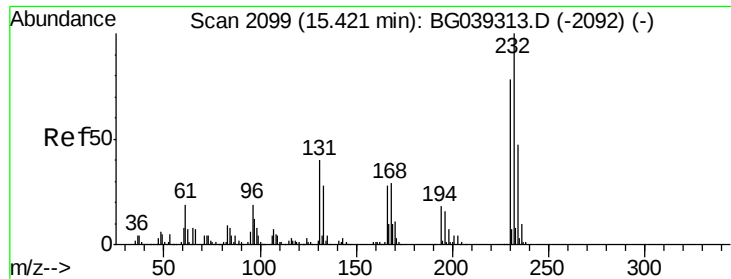


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

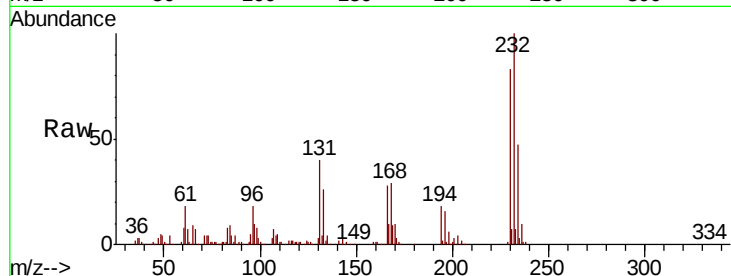




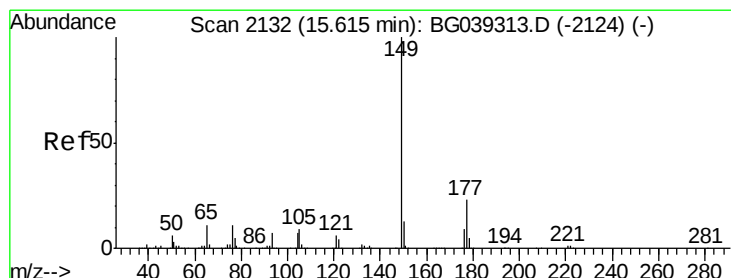
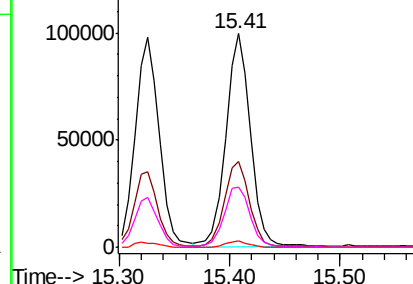
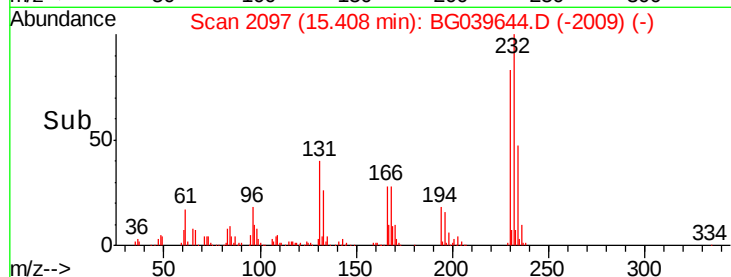
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.889 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tgt Ion:	232	Resp:	153810
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.9	52.3
130	2.5	2.0	3.0
166	30.4	24.1	36.1

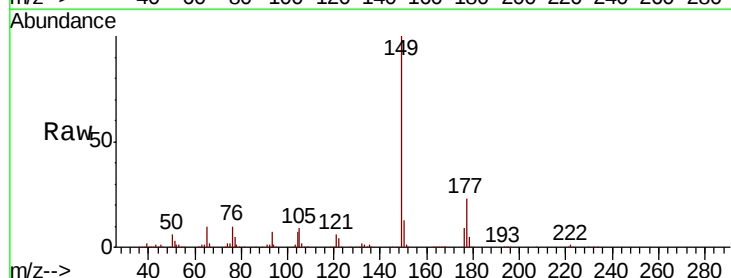


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

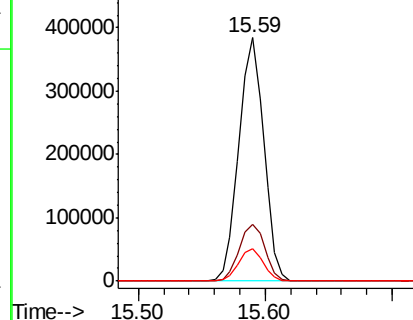
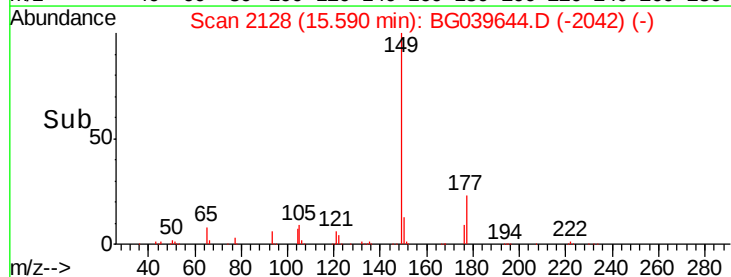


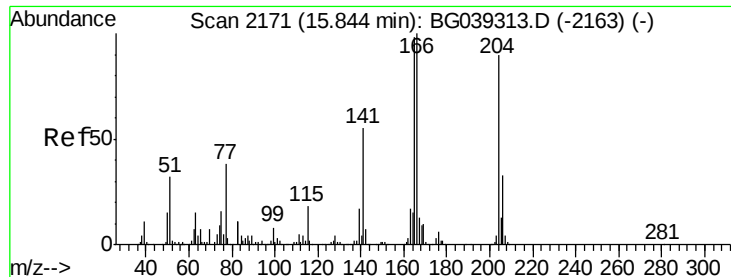
#60
 Diethylphthalate
 Concen: 42.012 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion:	149	Resp:	521587
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	13.5	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

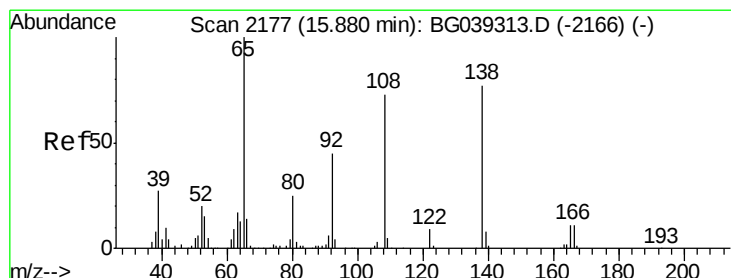
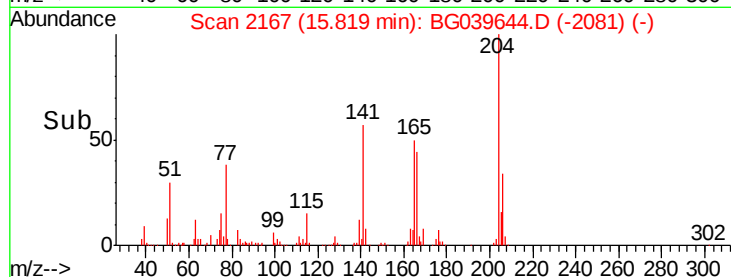
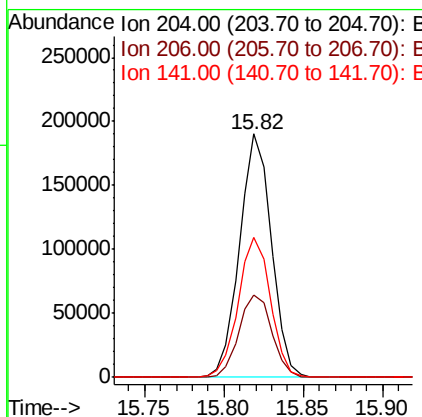
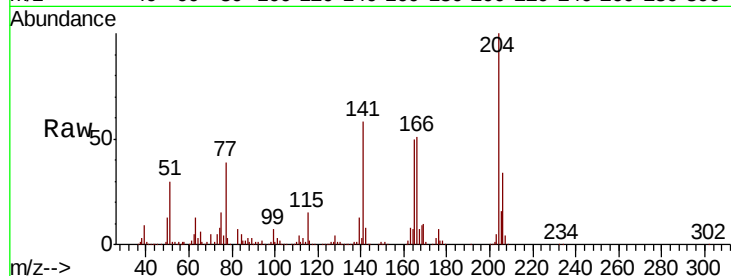




#61
 4-Chlorophenyl-phenylether
 Concen: 42.846 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

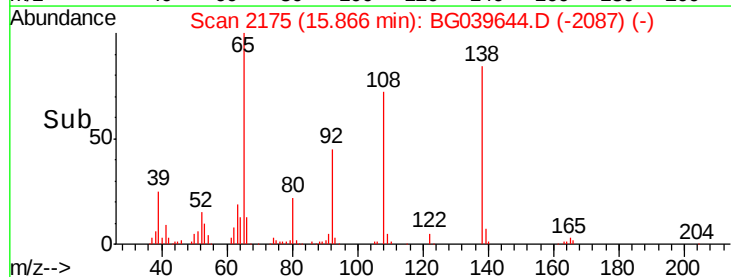
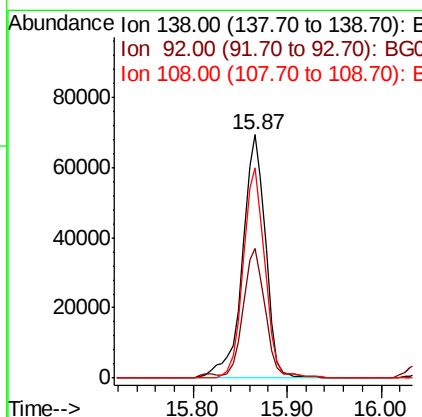
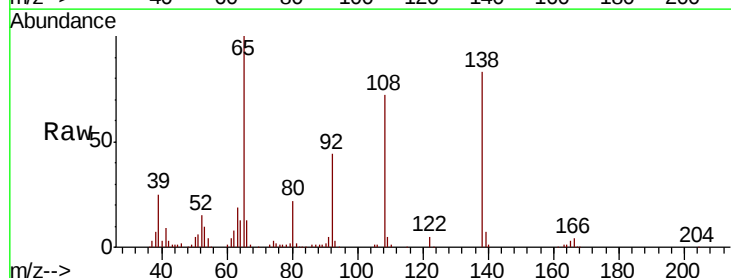
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tgt Ion:204 Resp: 264299
 Ion Ratio Lower Upper
 204 100
 206 33.7 29.2 43.8
 141 57.7 49.0 73.4



#62
 4-Nitroaniline
 Concen: 46.918 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion:138 Resp: 117876
 Ion Ratio Lower Upper
 138 100
 92 53.2 38.7 78.7
 108 86.3 74.6 114.6

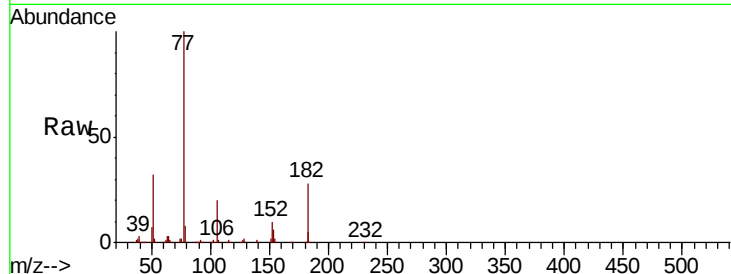




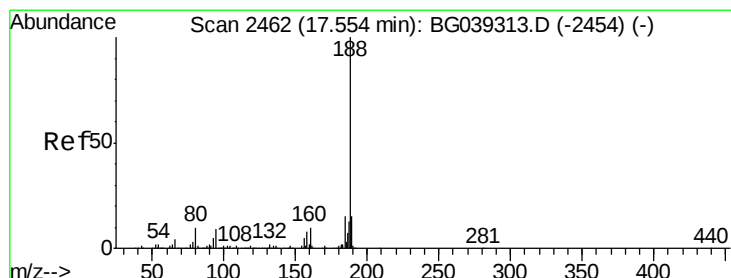
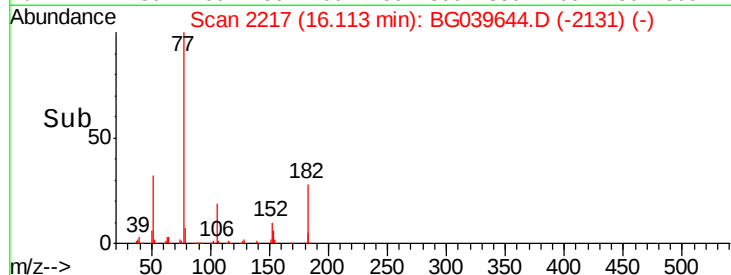
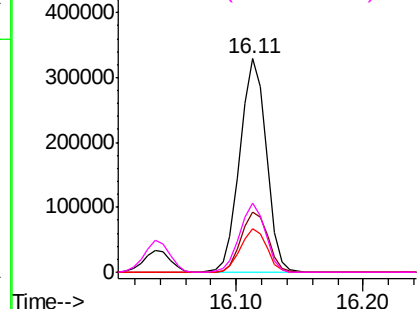
#63
Azobenzene
Concen: 38.967 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.4	46.4
105	20.4	0.0	39.8
51	32.4	14.1	54.1

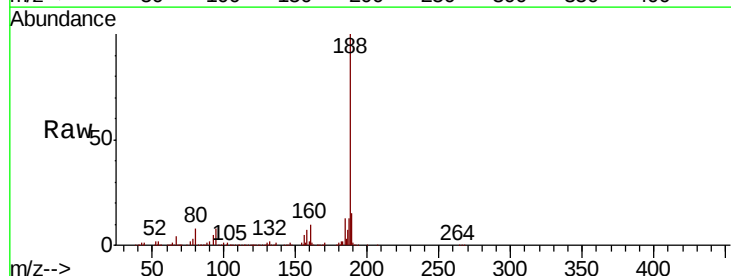


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

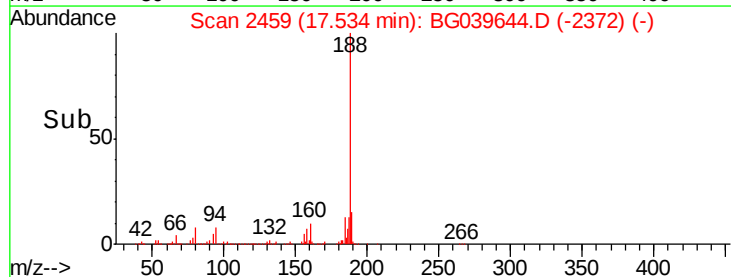
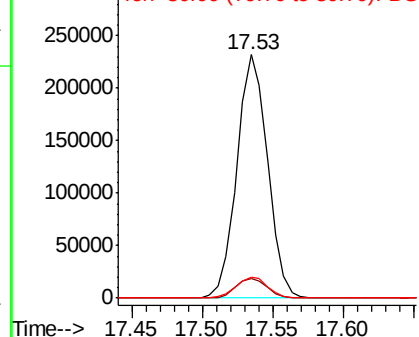


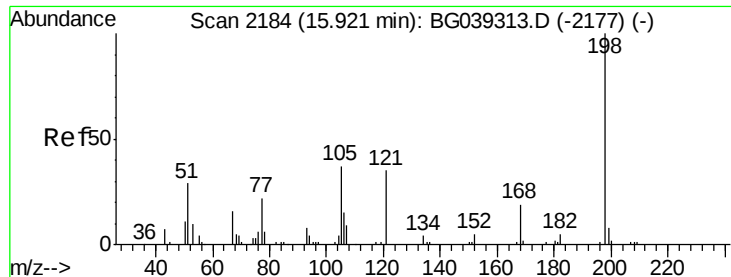
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.4	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: 39.417 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

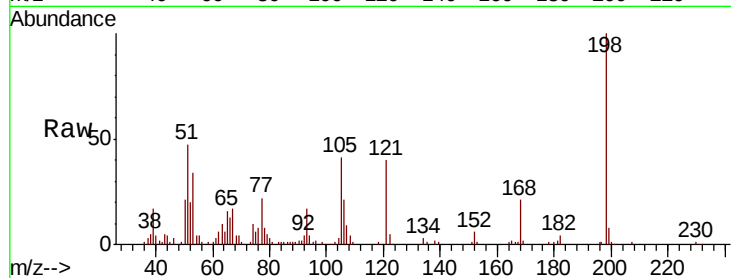
Tgt Ion:198 Resp: 50315

Ion Ratio Lower Upper

198 100

51 46.9 27.4 67.4

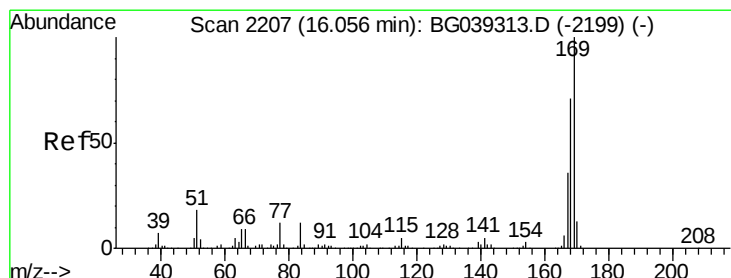
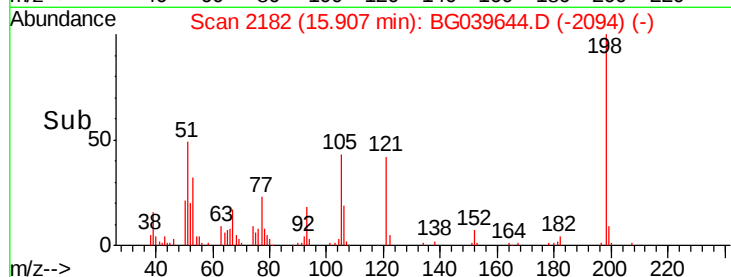
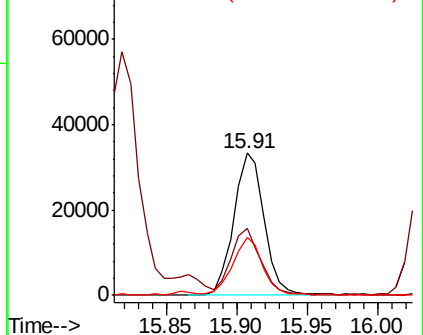
105 41.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.267 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

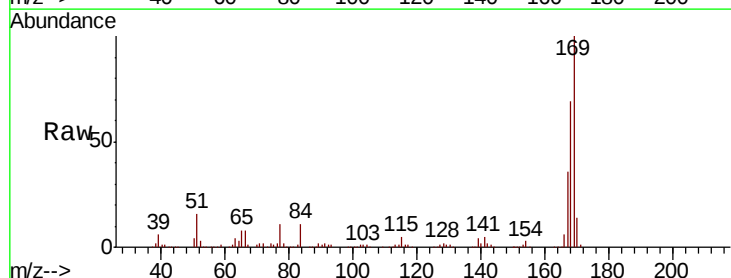
Tgt Ion:169 Resp: 461246

Ion Ratio Lower Upper

169 100

168 69.3 56.6 85.0

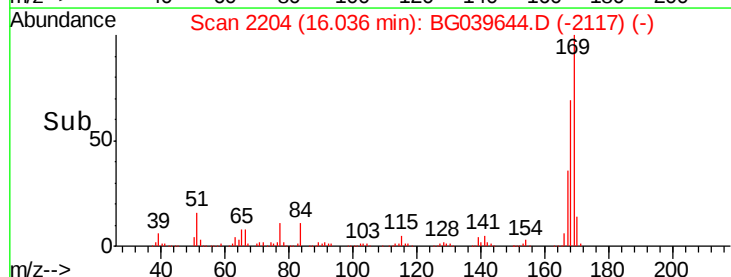
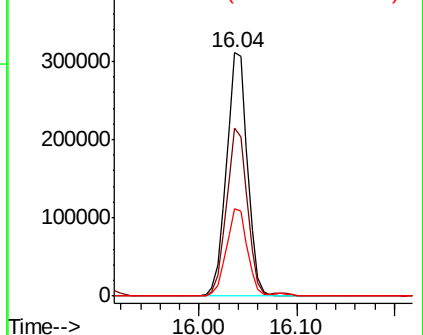
167 35.9 28.8 43.2



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

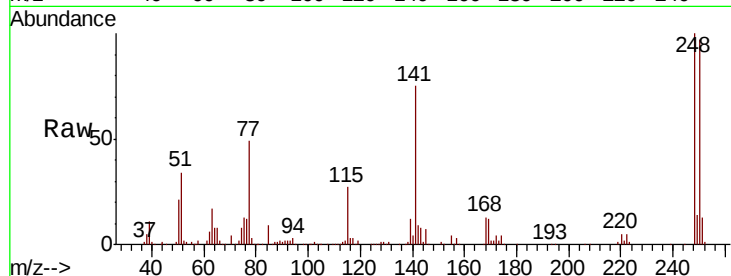




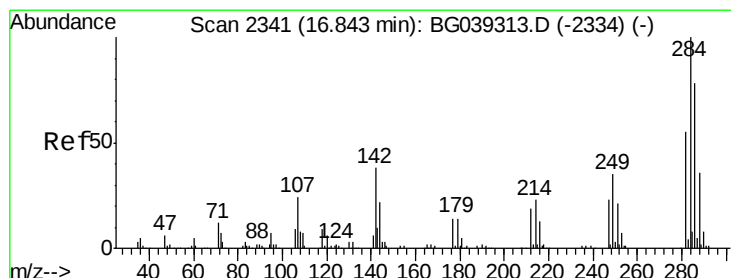
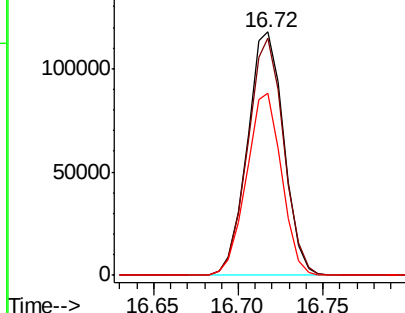
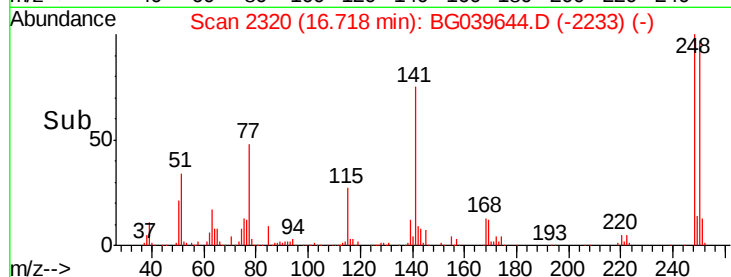
#67
 4-Bromophenyl-phenylether
 Concen: 45.170 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tgt Ion:248 Resp: 175685
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.6 116.4
 141 74.9 63.9 95.9

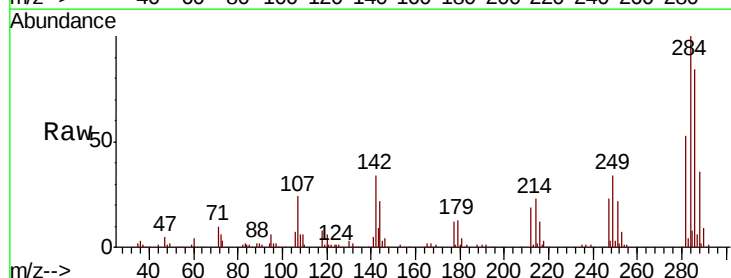


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

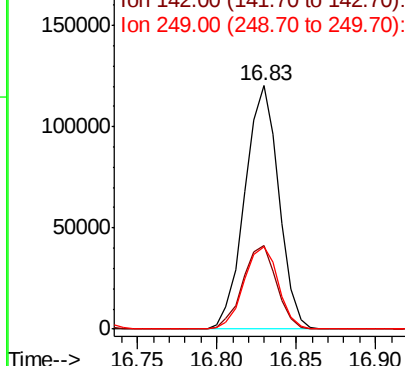
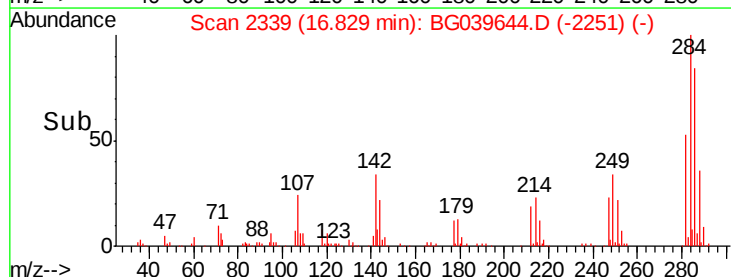


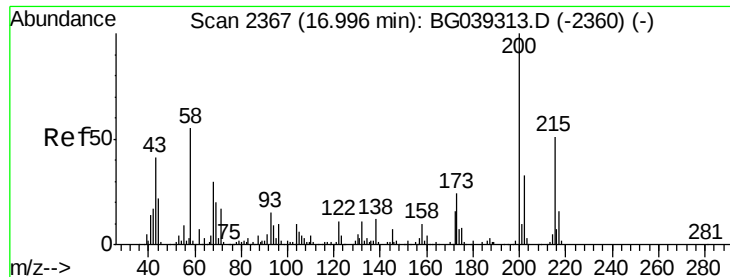
#68
 Hexachlorobenzene
 Concen: 45.879 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion:284 Resp: 179033
 Ion Ratio Lower Upper
 284 100
 142 34.3 30.6 45.8
 249 33.9 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: 43.029 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

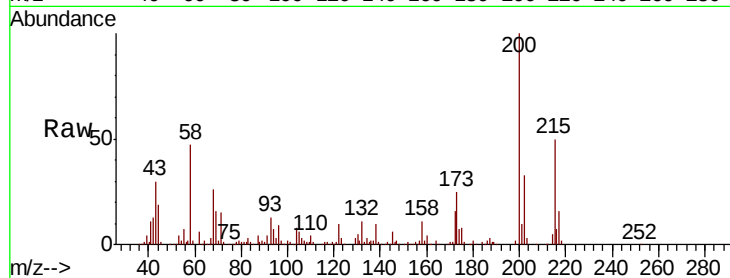
Tgt Ion:200 Resp: 167631

Ion Ratio Lower Upper

200 100

173 24.8 3.9 43.9

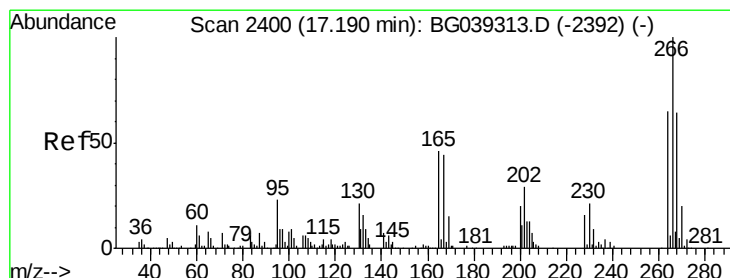
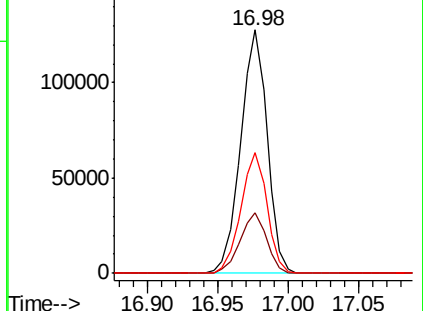
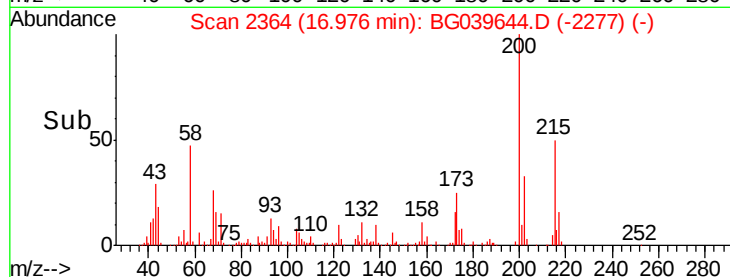
215 49.7 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 61.893 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

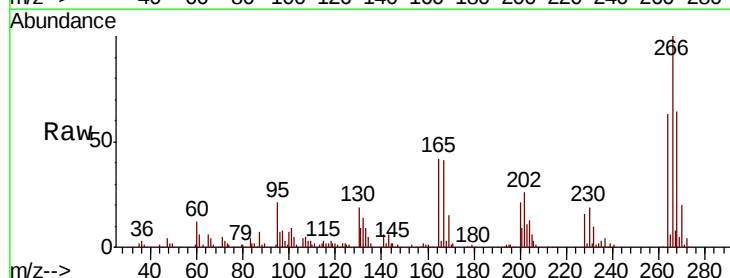
Tgt Ion:266 Resp: 167865

Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

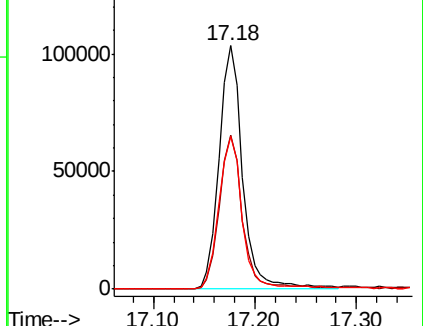
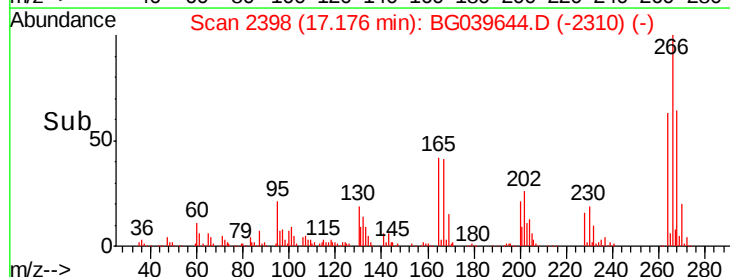
264 62.7 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

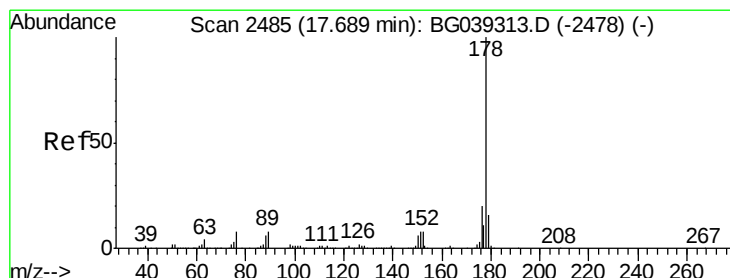
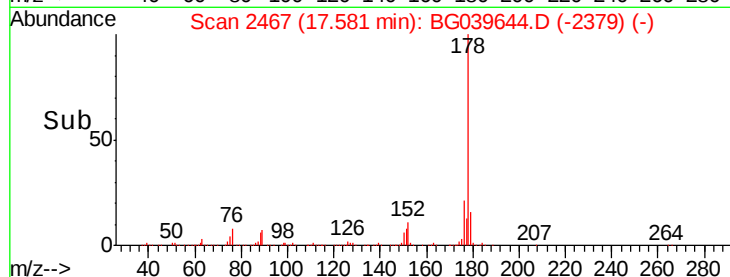
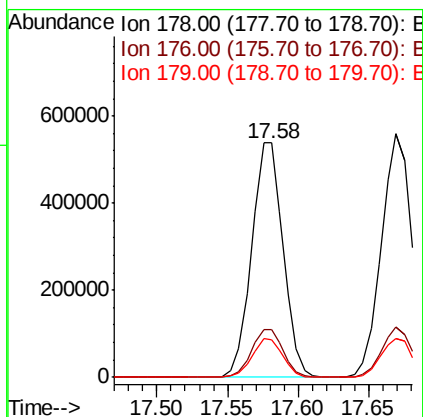
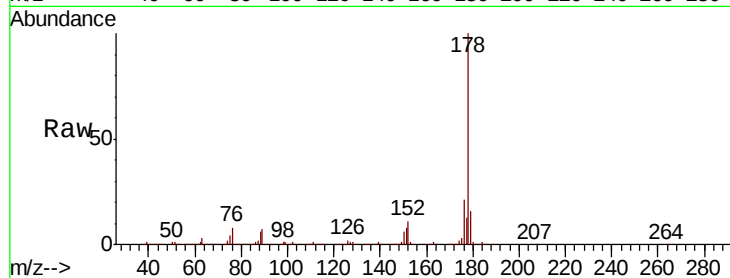




#71
Phenanthrene
Concen: 46.426 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

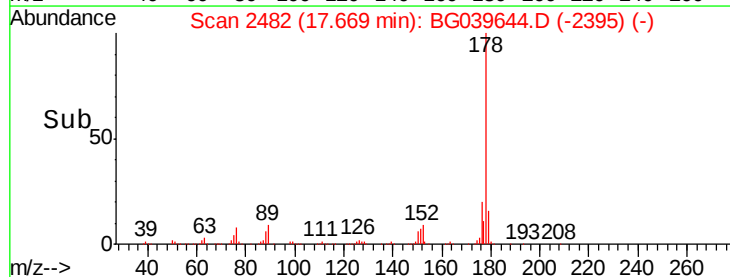
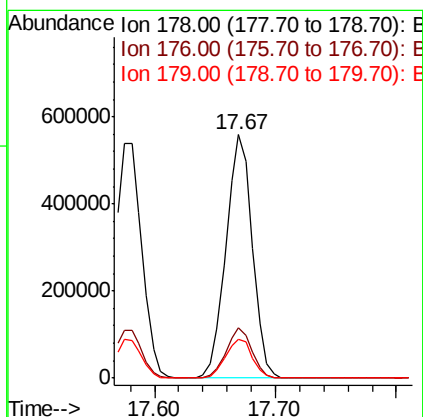
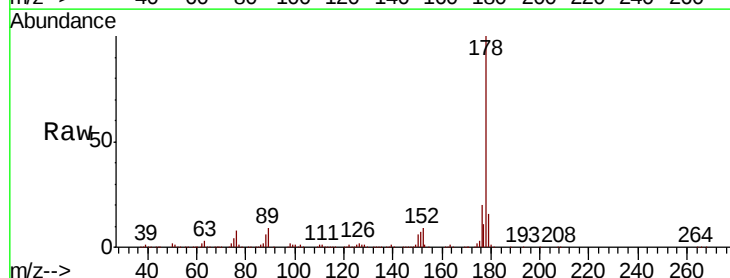
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion:178 Resp: 842436
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 15.9 12.6 19.0



#72
Anthracene
Concen: 47.179 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:178 Resp: 843250
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.2 12.5 18.7

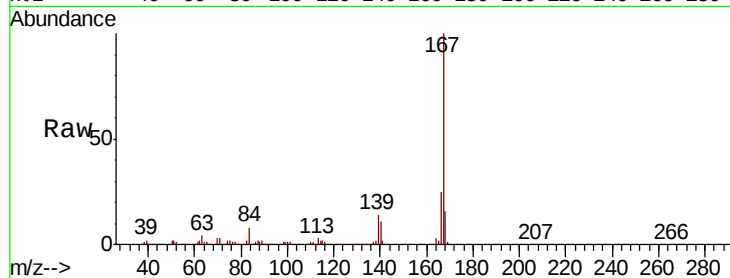




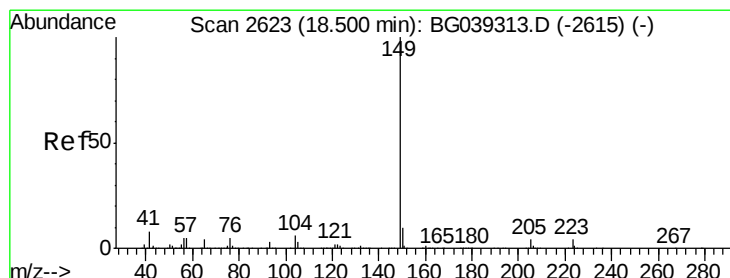
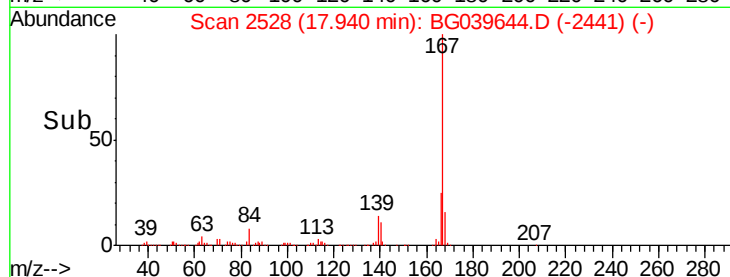
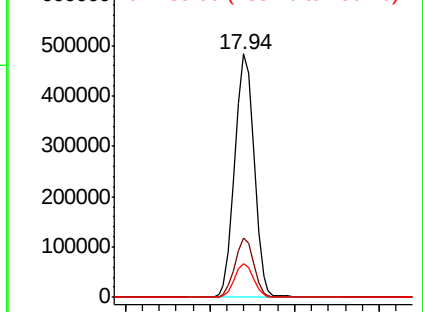
#73
 Carbazole
 Concen: 42.614 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tgt Ion:167 Resp: 760121
 Ion Ratio Lower Upper
 167 100
 166 24.5 19.4 29.2
 139 14.1 10.8 16.2

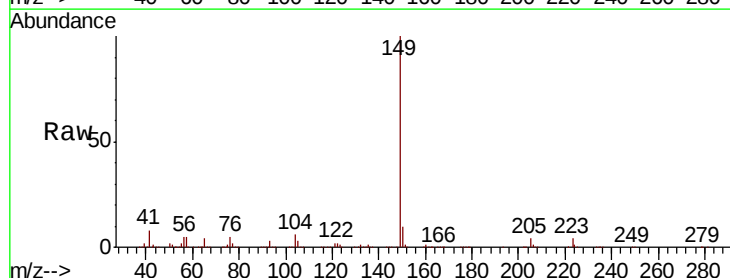


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

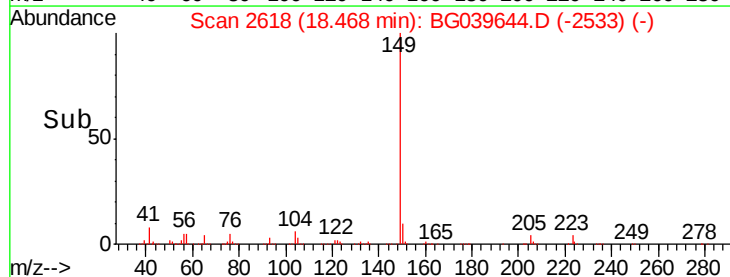
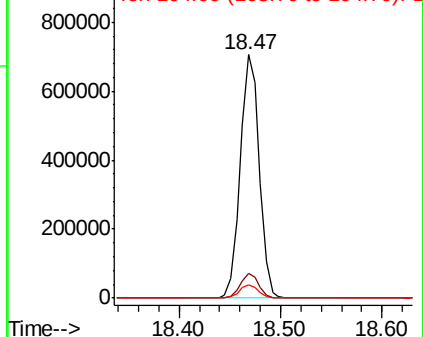


#74
 Di-n-butylphthalate
 Concen: 43.905 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion:149 Resp: 913659
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 5.5 4.5 6.7



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





#75

Fluoranthene

Concen: 49.157 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

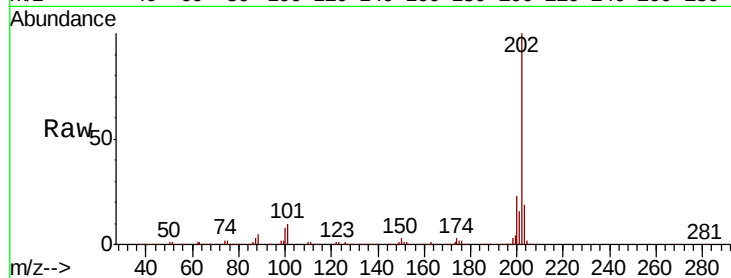
Tgt Ion:202 Resp: 1035322

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.0

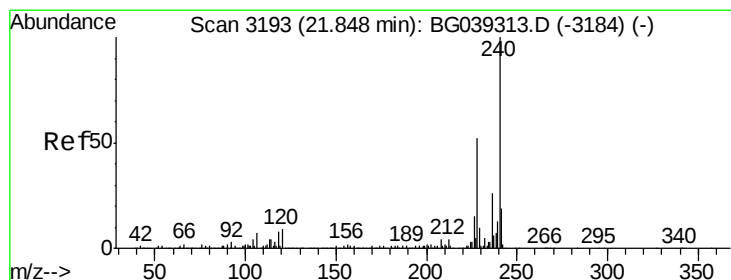
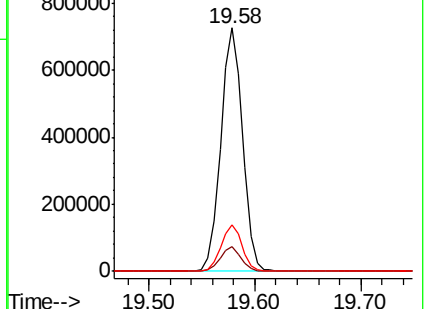
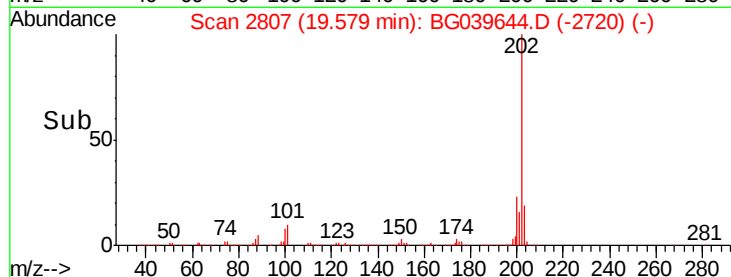
203 19.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

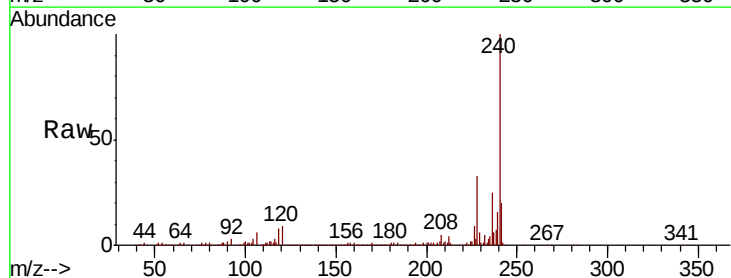
Tgt Ion:240 Resp: 371664

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

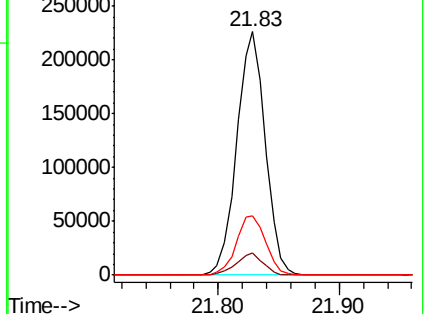
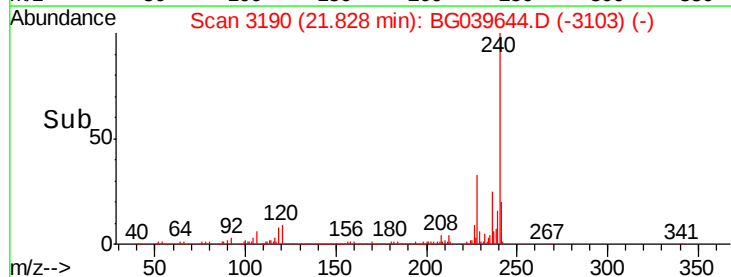
236 24.6 21.0 31.4

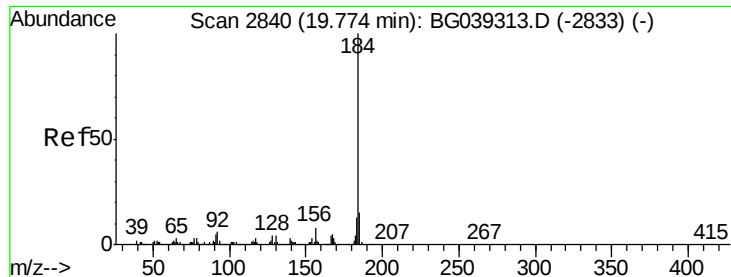


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.158 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

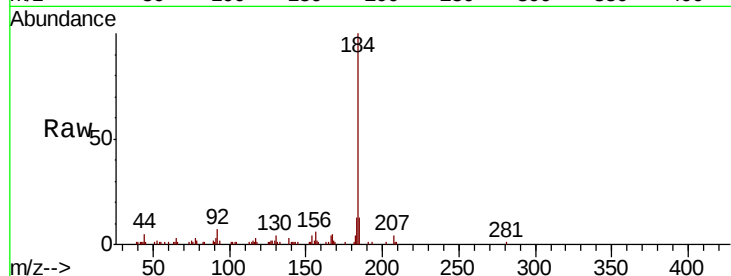
Tgt Ion:184 Resp: 38483

Ion Ratio Lower Upper

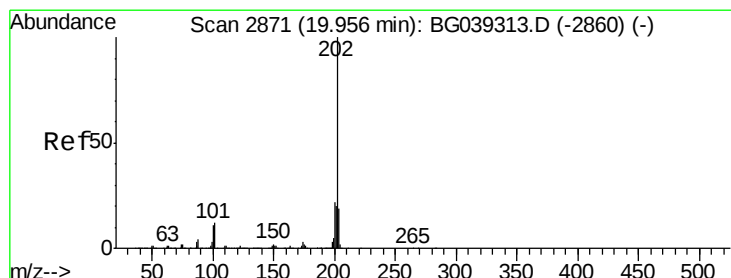
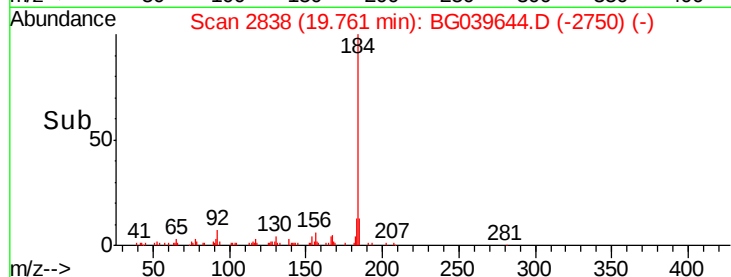
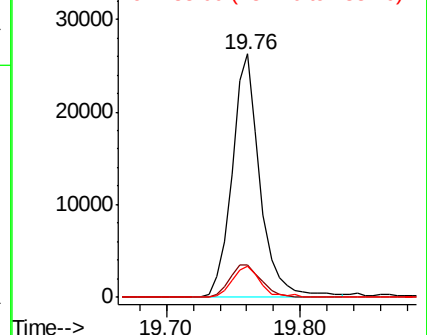
184 100

185 13.1 12.2 18.2

183 12.9 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.947 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

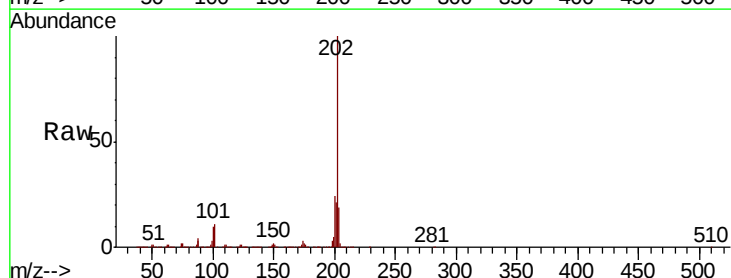
Tgt Ion:202 Resp: 1039948

Ion Ratio Lower Upper

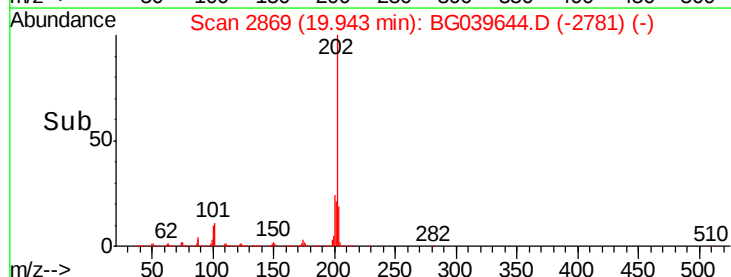
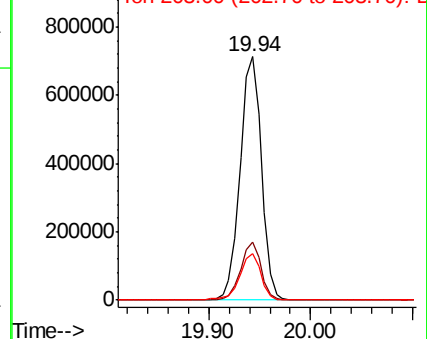
202 100

200 23.6 17.8 26.8

203 19.0 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.729 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

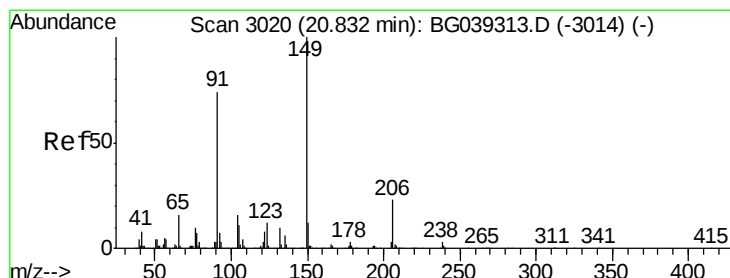
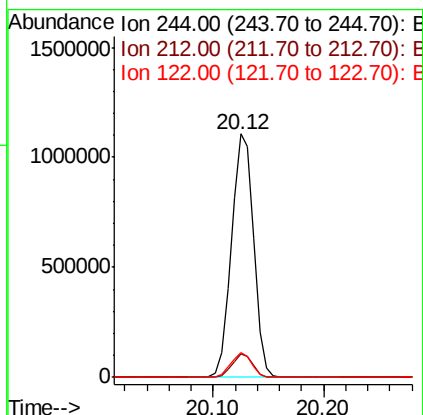
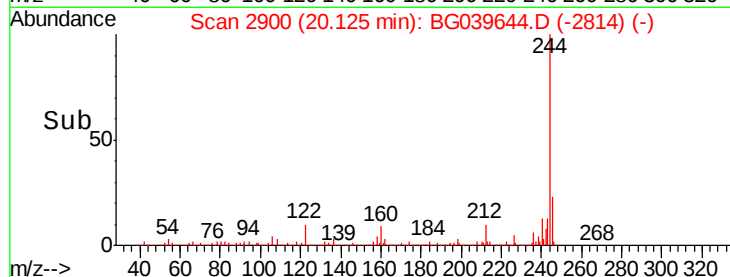
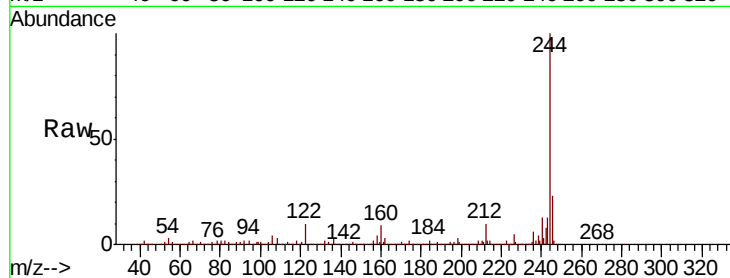
Tgt Ion:244 Resp: 1557973

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

122 10.4 8.4 12.6



#80

Butylbenzylphthalate

Concen: 46.036 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

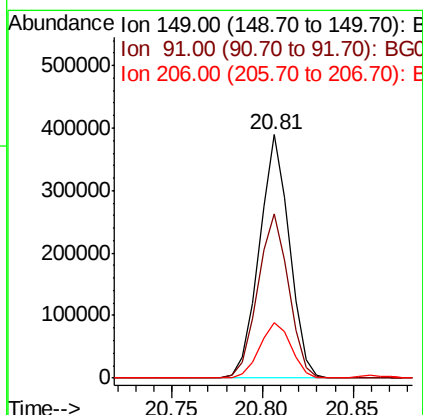
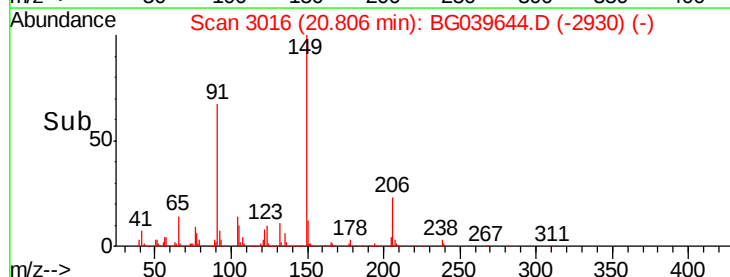
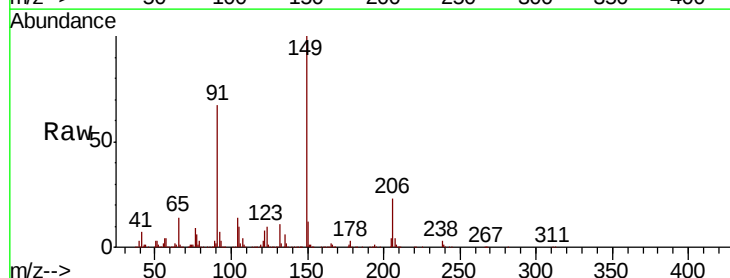
Tgt Ion:149 Resp: 449320

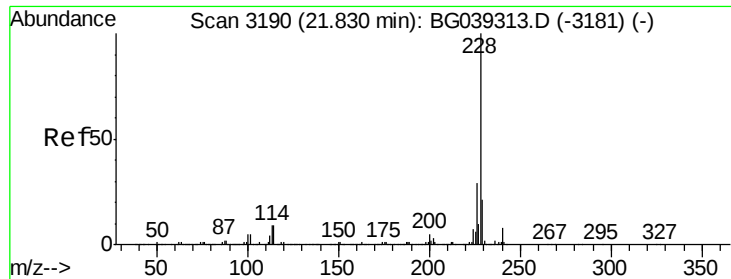
Ion Ratio Lower Upper

149 100

91 67.3 59.5 89.3

206 23.0 18.6 27.8

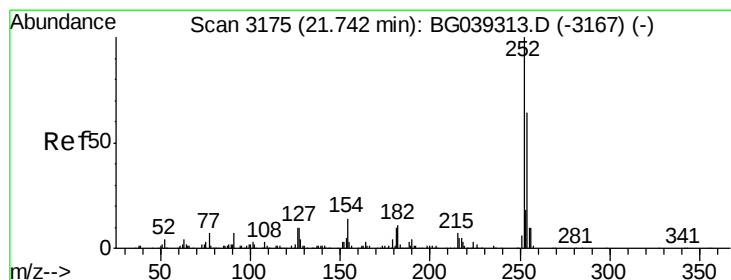
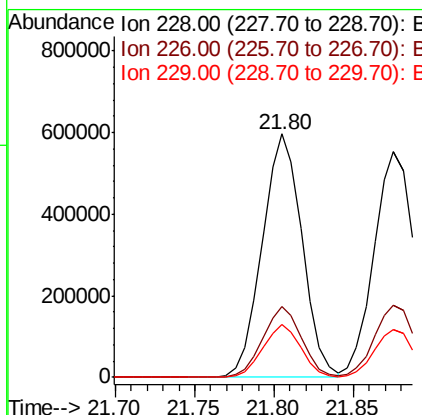
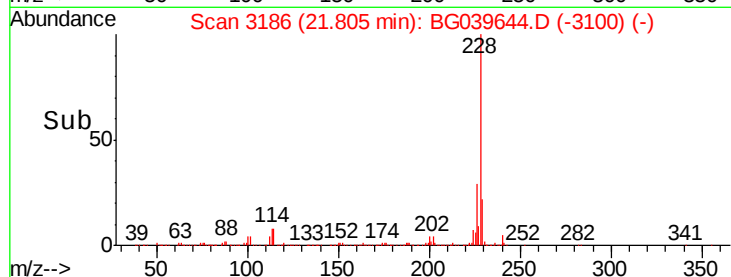
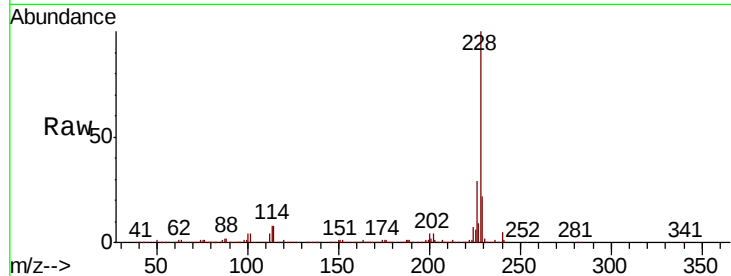




#81
Benzo(a)anthracene
Concen: 47.405 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

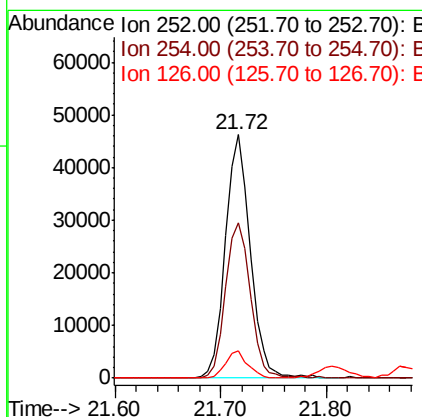
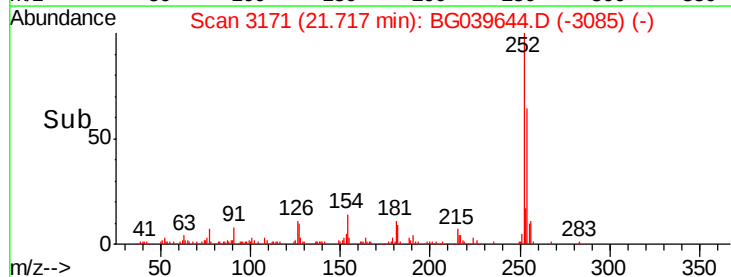
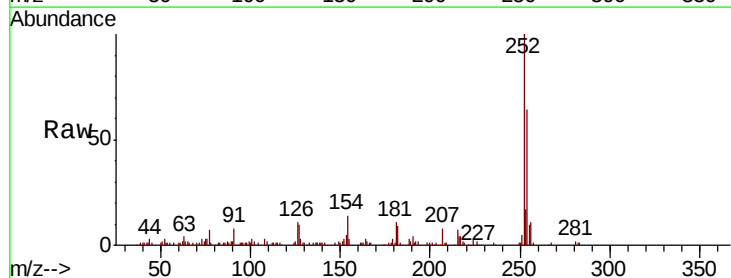
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion:228 Resp: 1041085
Ion Ratio Lower Upper
228 100
226 29.3 23.0 34.6
229 21.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 9.260 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:252 Resp: 75407
Ion Ratio Lower Upper
252 100
254 64.0 51.3 76.9
126 11.5 8.0 12.0





#83

Chrysene

Concen: 46.321 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

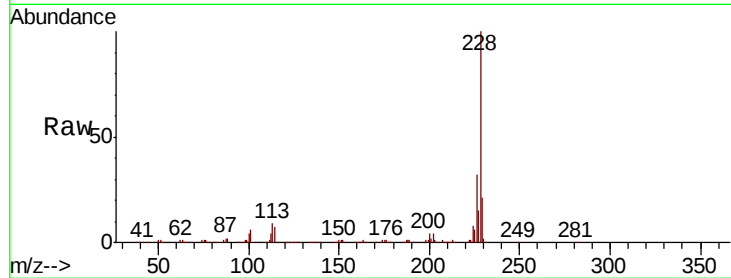
Tgt Ion:228 Resp: 968382

Ion Ratio Lower Upper

228 100

226 31.8 25.8 38.6

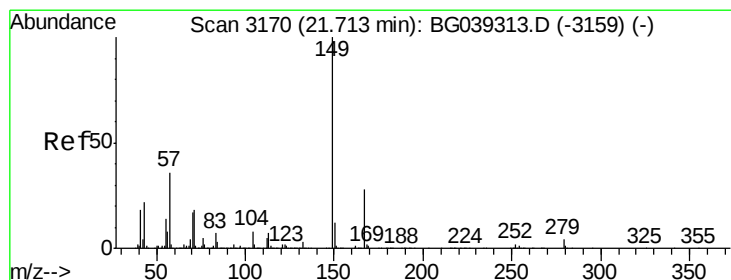
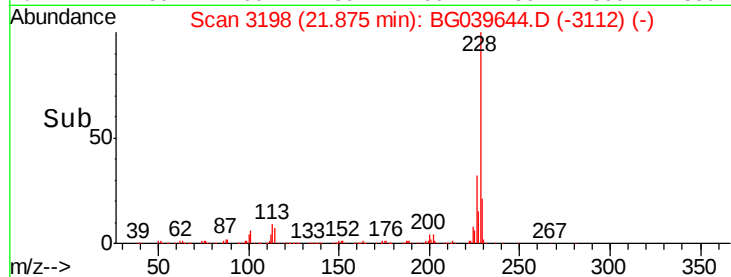
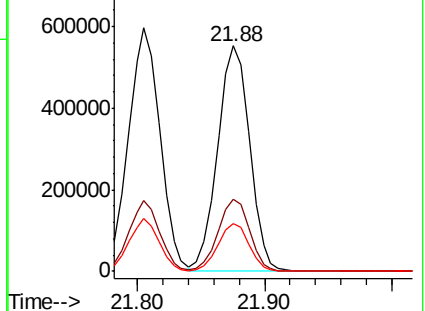
229 21.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.659 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

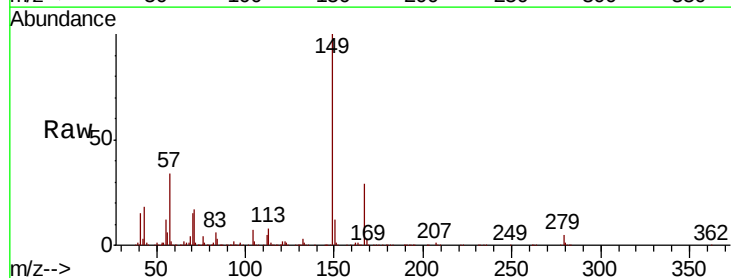
Tgt Ion:149 Resp: 621843

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

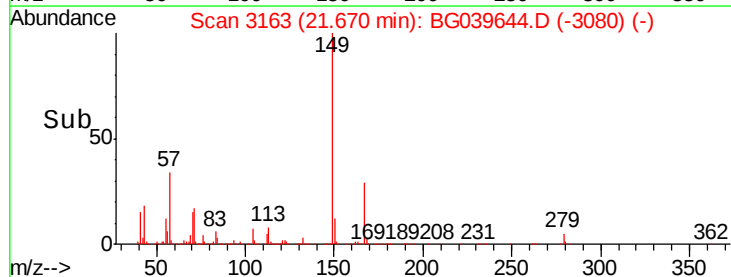
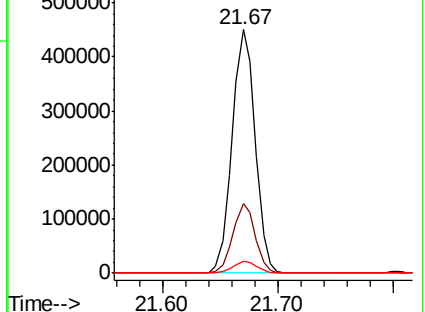
279 4.9 3.5 5.3

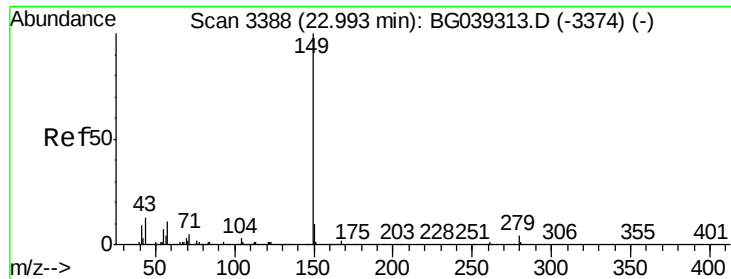


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.674 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

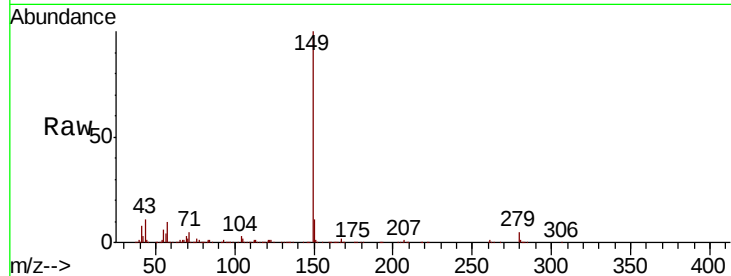
Tgt Ion:149 Resp: 1050677

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

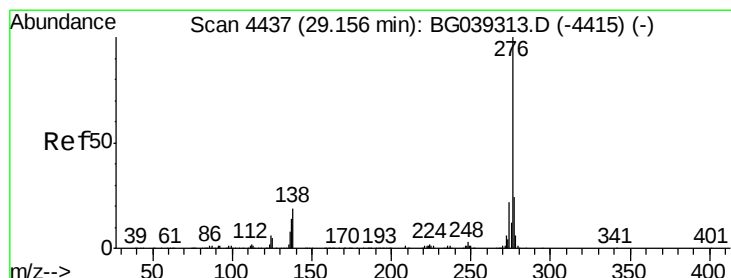
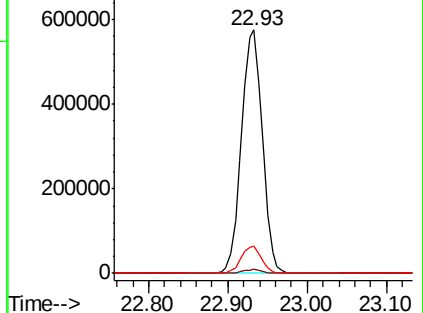
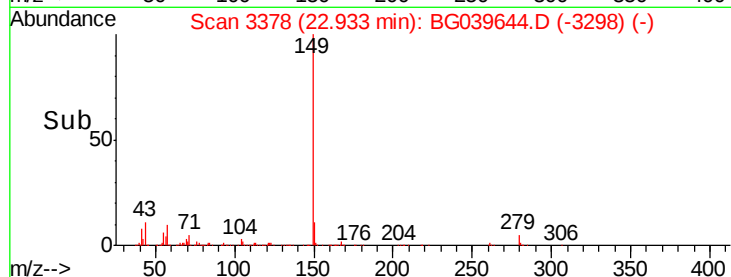
43 10.8 10.2 15.4



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: 51.650 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

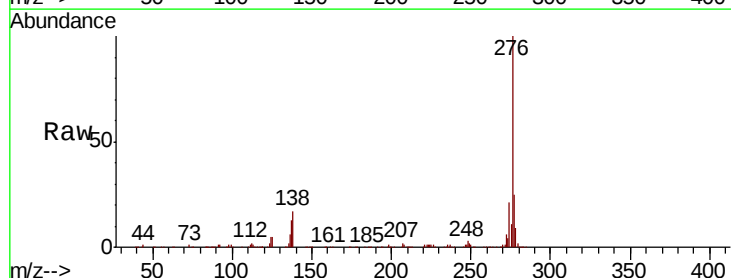
Tgt Ion:276 Resp: 1158518

Ion Ratio Lower Upper

276 100

138 12.6 12.6 19.0

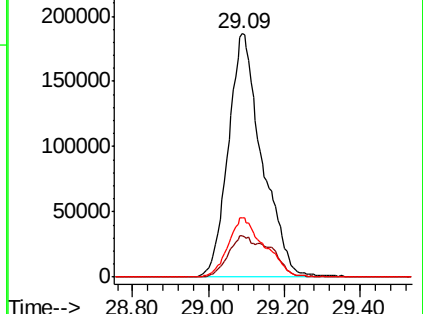
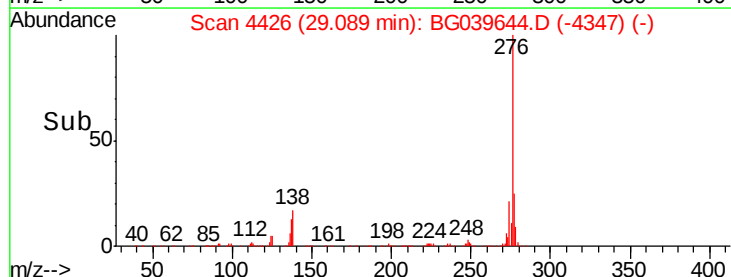
277 26.2 20.8 31.2



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

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

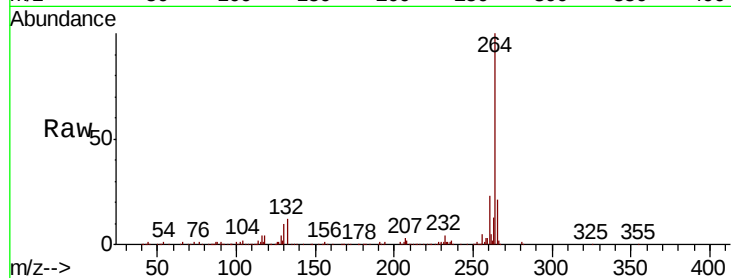
Tgt Ion:264 Resp: 377936

Ion Ratio Lower Upper

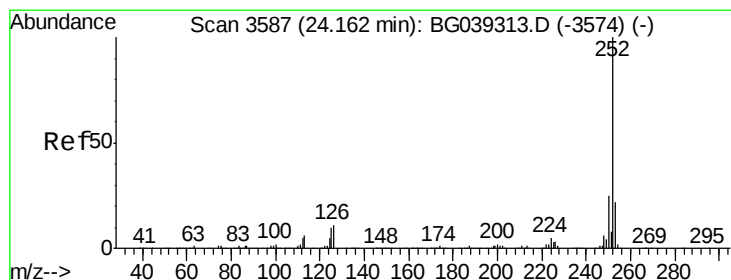
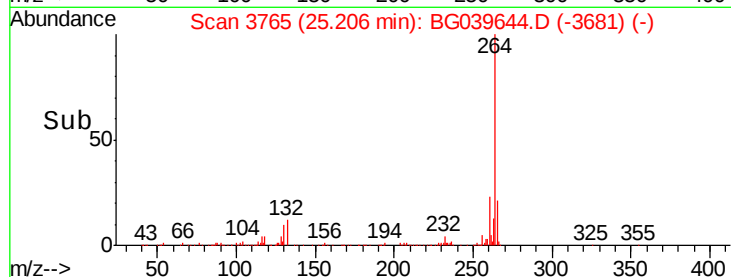
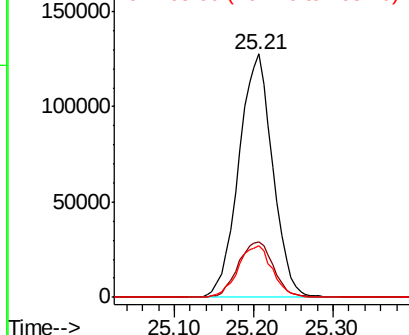
264 100

260 22.5 18.2 27.4

265 21.3 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.714 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

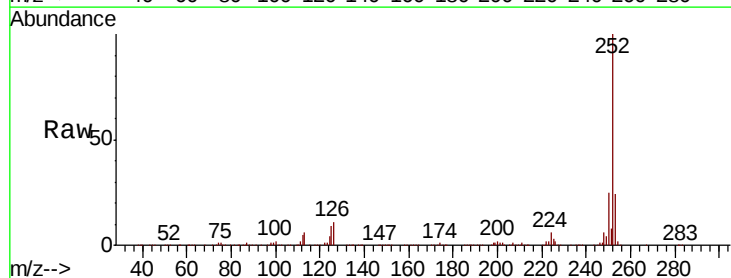
Tgt Ion:252 Resp: 1004049

Ion Ratio Lower Upper

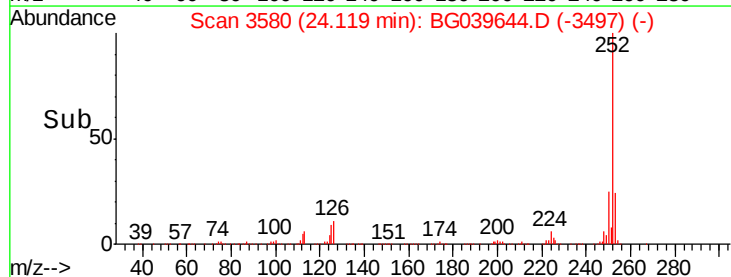
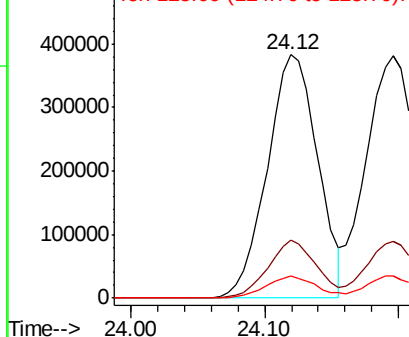
252 100

253 23.7 17.8 26.8

125 8.9 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

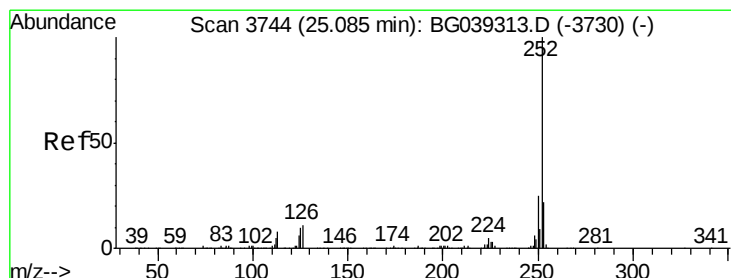
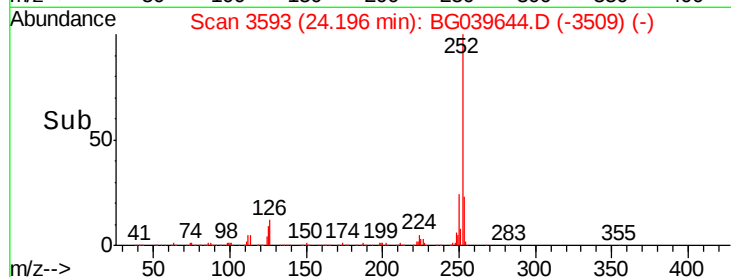
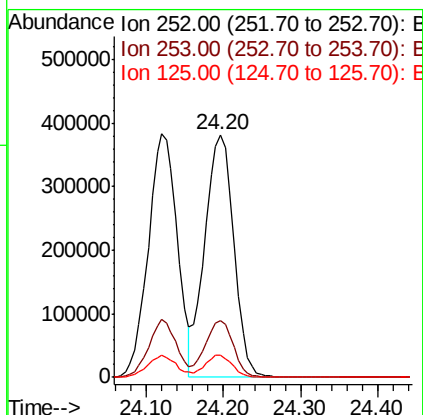
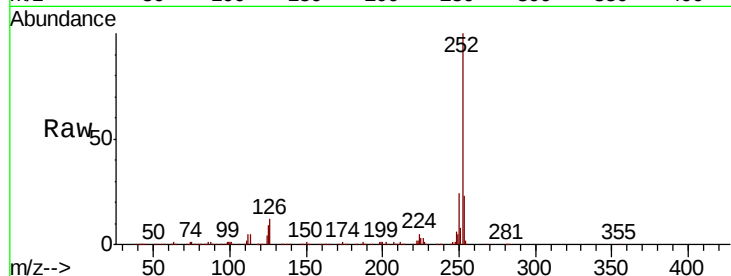




#89
Benzo(k)fluoranthene
Concen: 47.841 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

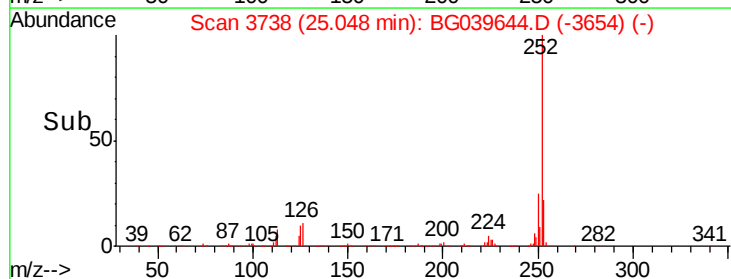
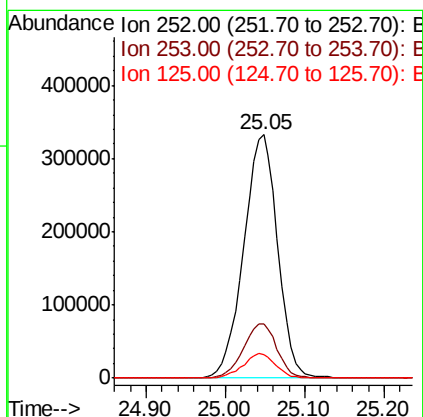
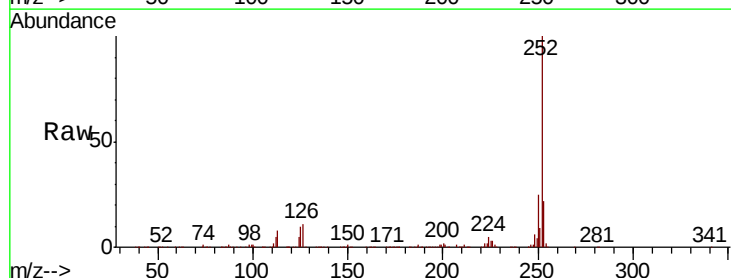
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

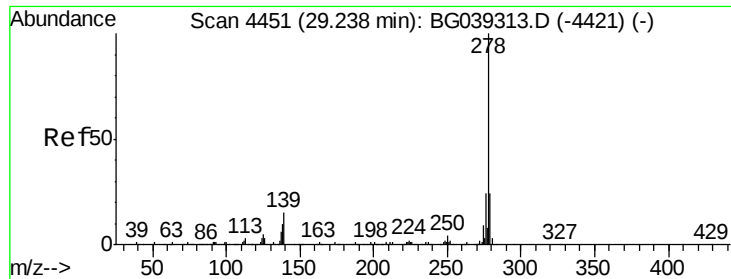
Tgt Ion: 252 Resp: 989973
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 8.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.704 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion: 252 Resp: 986629
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.6 8.3 12.5

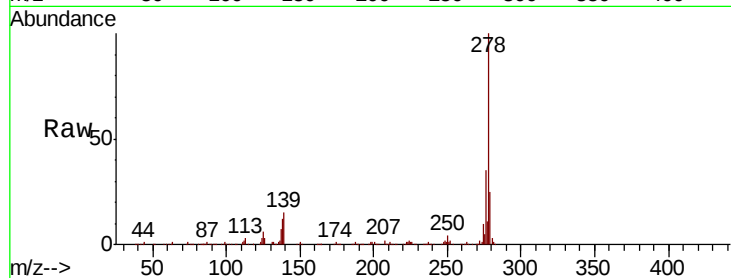




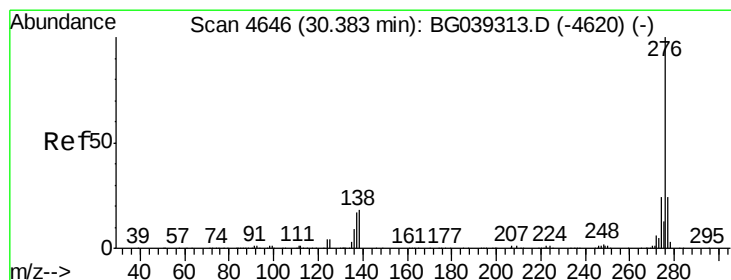
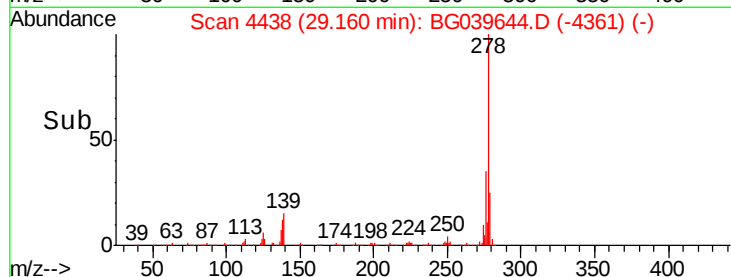
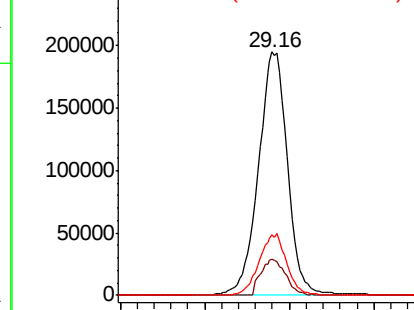
#91
Dibenzo(a,h)anthracene
Concen: 50.456 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tgt Ion: 278 Resp: 937943
Ion Ratio Lower Upper
278 100
139 14.9 11.7 17.5
279 24.7 19.1 28.7

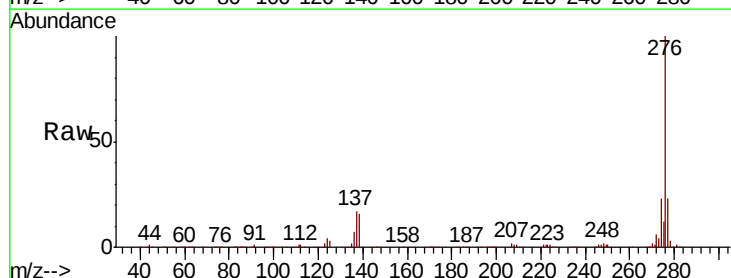


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.402 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion: 276 Resp: 952405
Ion Ratio Lower Upper
276 100
277 23.1 19.6 29.4
138 16.0 14.7 22.1



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

