

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
 Data File : BG039428.D
 Acq On : 8 Feb 2019 23:10
 Operator : JU/SJ
 Sample : K1348-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

Quant Time: Feb 09 00:35:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55693	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	227106	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	153050	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	369757	20.00	ng	0.00
76) Chrysene-d12	21.83	240	391170	20.00	ng	-0.01
87) Perylene-d12	25.21	264	408116	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	419380	128.88	ng	0.00
7) Phenol-d6	7.32	99	555187	115.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	378896	104.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	249690	151.50	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	878593	82.35	ng	-0.01
79) Terphenyl-d14	20.14	244	1502870	81.32	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.62	88	50173	35.249	ng	# 30
3) Pyridine	4.02	79	123512	32.774	ng	96
4) n-Nitrosodimethylamine	3.93	42	79359	42.107	ng	91
6) Aniline	7.50	93	55583	9.264	ng	99
8) 2-Chlorophenol	7.73	128	167827	47.183	ng	97
9) Benzaldehyde	7.32	77	89022	36.221	ng	98
10) Phenol	7.34	94	199204	39.896	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	168525	42.714	ng	95
12) 1,3-Dichlorobenzene	8.06	146	165232	38.346	ng	96
13) 1,4-Dichlorobenzene	8.21	146	168717	39.284	ng	99
14) 1,2-Dichlorobenzene	8.53	146	163865	39.412	ng	95
15) Benzyl Alcohol	8.41	79	164812	43.828	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	320714	35.996	ng	99
17) 2-Methylphenol	8.60	107	145738	45.104	ng	93
18) Hexachloroethane	9.26	117	57837	39.142	ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	134200	39.475	ng	92
20) 3+4-Methylphenols	8.93	107	197508	44.389	ng	96
22) Acetophenone	9.00	105	259266	42.500	ng	# 95
24) Nitrobenzene	9.40	77	201972	51.427	ng	94
25) Isophorone	9.91	82	380510	47.234	ng	99
26) 2-Nitrophenol	10.10	139	93779	57.321	ng	95
27) 2,4-Dimethylphenol	10.14	122	173621	53.277	ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	231975	46.750	ng	97
29) 2,4-Dichlorophenol	10.63	162	183521	51.527	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	174799	43.714	ng	99
31) Naphthalene	11.05	128	523419	46.458	ng	98
32) Benzoic acid	10.25	122	85047	41.385	ng	97
34) Hexachlorobutadiene	11.31	225	111143	41.795	ng	96
35) Caprolactam	11.93	113	34589	23.469	ng	90
36) 4-Chloro-3-methylphenol	12.25	107	194998	47.341	ng	94
37) 2-Methylnaphthalene	12.64	142	401676	48.136	ng	99
38) 1-Methylnaphthalene	12.86	142	384447	47.794	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	221072	45.398	ng	100
41) Hexachlorocyclopentadiene	12.97	237	261206	98.437	ng	100

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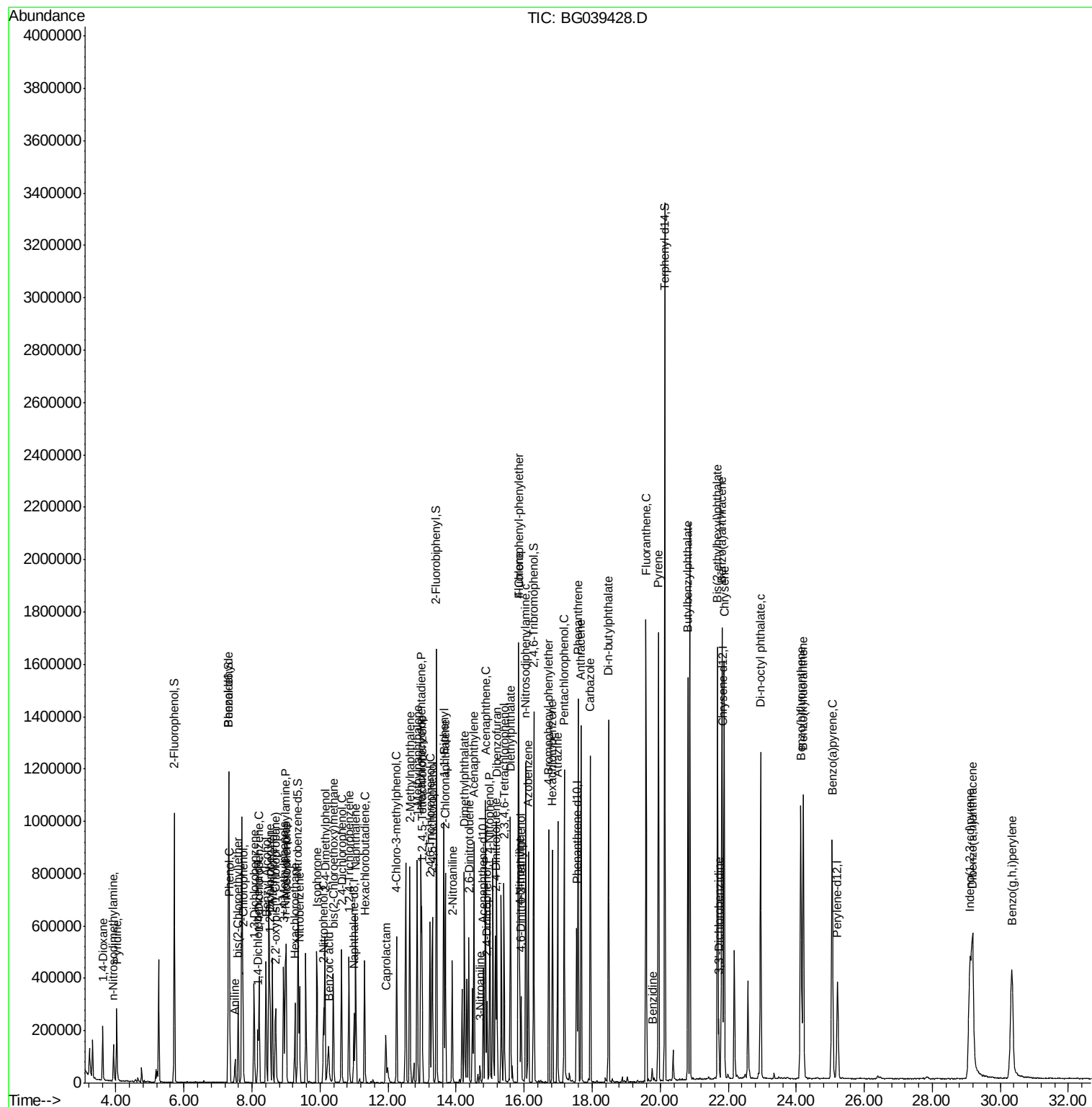
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.23	196	153250	51.184	ng	96
44) 2,4,5-Trichlorophenol	13.30	196	167151	53.266	ng	99
46) 1,1'-Biphenyl	13.64	154	544595	42.767	ng	100
47) 2-Chloronaphthalene	13.69	162	420915	43.939	ng	97
48) 2-Nitroaniline	13.89	65	140927	50.656	ng	95
49) Acenaphthylene	14.53	152	671682	46.467	ng	99
50) Dimethylphthalate	14.25	163	562249	45.486	ng	98
51) 2,6-Dinitrotoluene	14.38	165	124430	53.060	ng	93
52) Acenaphthene	14.87	154	418354	44.587	ng	99
53) 3-Nitroaniline	14.70	138	16969	11.779	ng	# 81
54) 2,4-Dinitrophenol	14.91	184	74951	75.457	ng	96
55) Dibenzofuran	15.20	168	667104	44.344	ng	98
56) 4-Nitrophenol	15.00	139	190084	84.684	ng	89
57) 2,4-Dinitrotoluene	15.16	165	173215	56.817	ng	# 88
58) Fluorene	15.84	166	533759	47.595	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	163467	55.635	ng	96
60) Diethylphthalate	15.60	149	567632	44.415	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	286112	45.056	ng	96
62) 4-Nitroaniline	15.87	138	123811	47.786	ng	89
63) Azobenzene	16.12	77	509159	40.760	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	77293	51.527	ng	98
66) n-Nitrosodiphenylamine	16.05	169	493945	43.933	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	190441	46.426	ng	96
68) Hexachlorobenzene	16.83	284	191770	46.596	ng	96
69) Atrazine	16.99	200	196128	47.735	ng	97
70) Pentachlorophenol	17.18	266	232732	81.363	ng	98
71) Phenanthrene	17.59	178	905669	47.324	ng	98
72) Anthracene	17.67	178	915426	48.562	ng	99
73) Carbazole	17.94	167	820681	43.624	ng	100
74) Di-n-butylphthalate	18.48	149	987754	45.006	ng	100
75) Fluoranthene	19.58	202	1109546	49.951	ng	99
77) Benzidine	19.77	184	35506	2.769	ng	98
78) Pyrene	19.95	202	1116244	45.839	ng	99
80) Butylbenzylphthalate	20.82	149	477152	46.450	ng	95
81) Benzo(a)anthracene	21.82	228	1118656	48.397	ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	83805	9.778	ng	97
83) Chrysene	21.88	228	1047071	47.587	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	669708	45.699	ng	99
85) Di-n-octyl phthalate	22.96	149	1129572	46.655	ng	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1215653	51.495	ng	# 95
88) Benzo(b)fluoranthene	24.14	252	1120804	50.358	ng	99
89) Benzo(k)fluoranthene	24.21	252	1072656	48.003	ng	100
90) Benzo(a)pyrene	25.06	252	1090856	50.891	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	972706	48.456	ng	97
92) Benzo(g,h,i)perylene	30.33	276	995060	49.733	ng	99

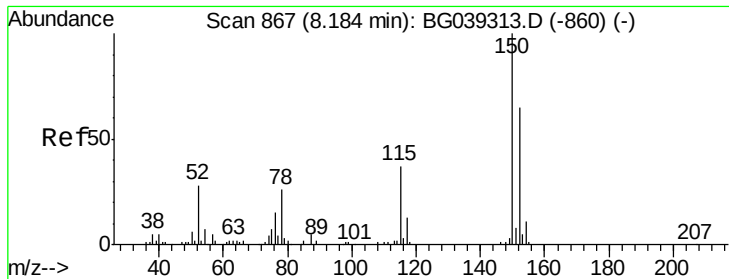
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

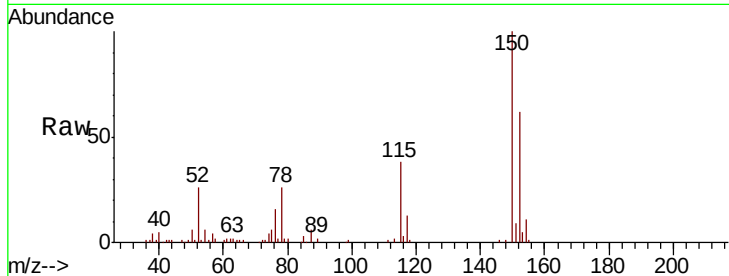
Tgt Ion:152 Resp: 55693

Ion Ratio Lower Upper

152 100

150 160.8 123.7 185.5

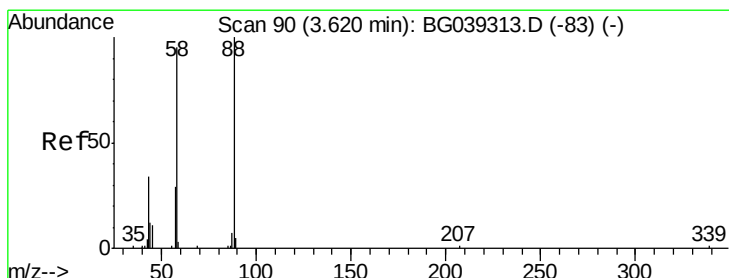
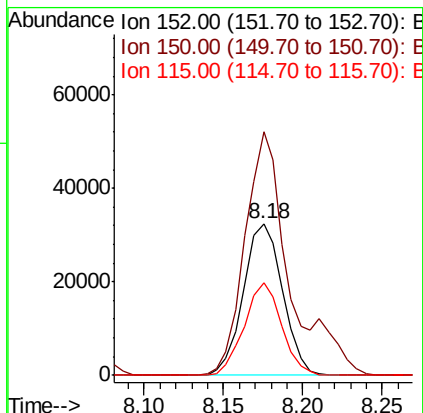
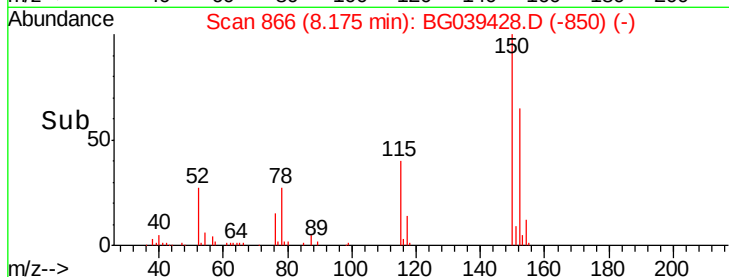
115 61.3 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.249 ng

RT: 3.62 min Scan# 90

Delta R.T. -0.00 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

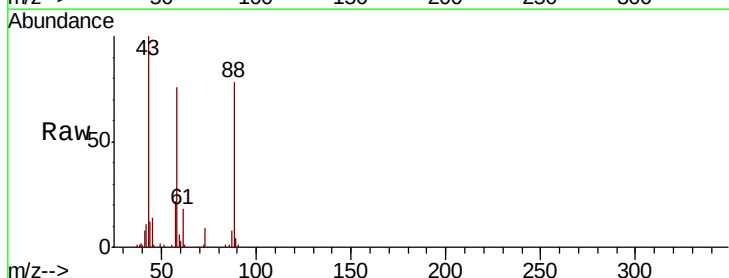
Tgt Ion: 88 Resp: 50173

Ion Ratio Lower Upper

88 100

58 99.0 81.1 121.7

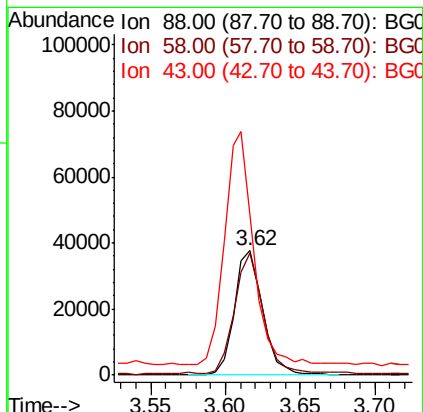
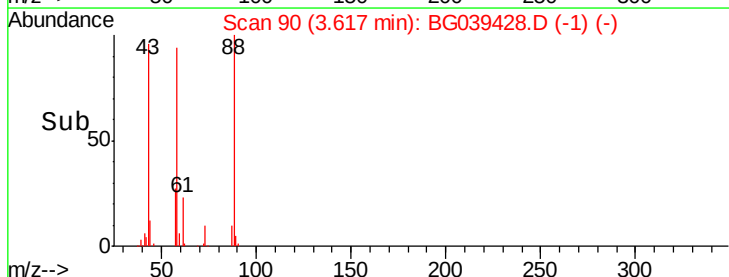
43 188.7 31.4 47.0#

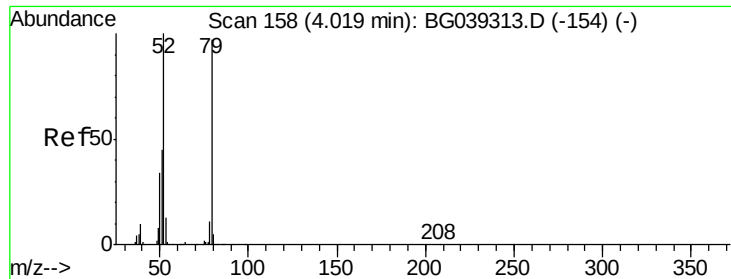


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.774 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

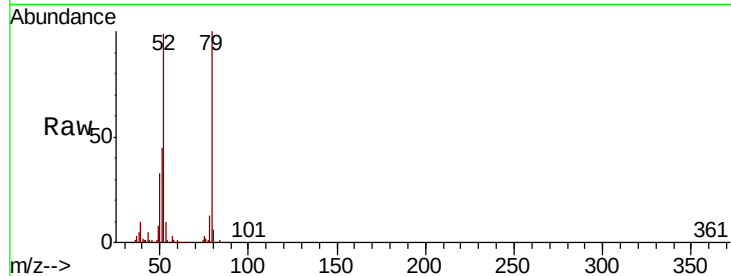
Tgt Ion: 79 Resp: 123512

Ion Ratio Lower Upper

79 100

52 98.6 82.6 124.0

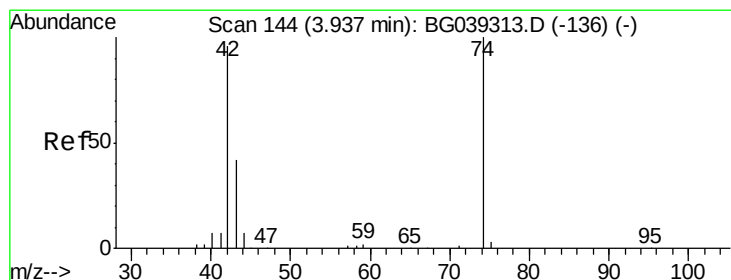
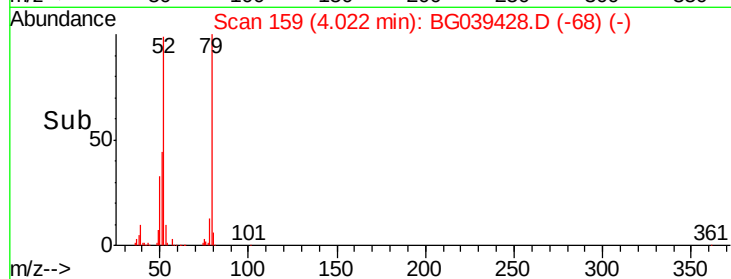
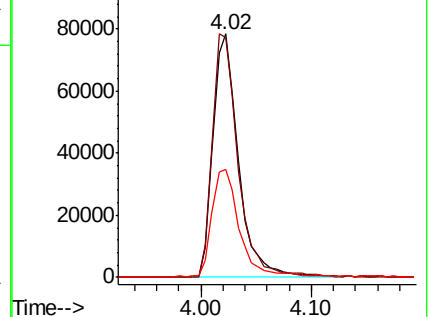
51 44.6 37.5 56.3



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: 42.107 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

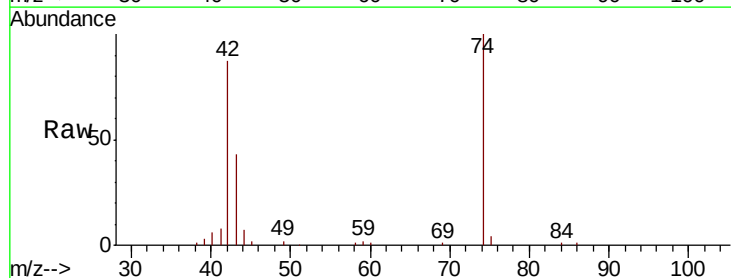
Tgt Ion: 42 Resp: 79359

Ion Ratio Lower Upper

42 100

74 114.8 83.6 125.4

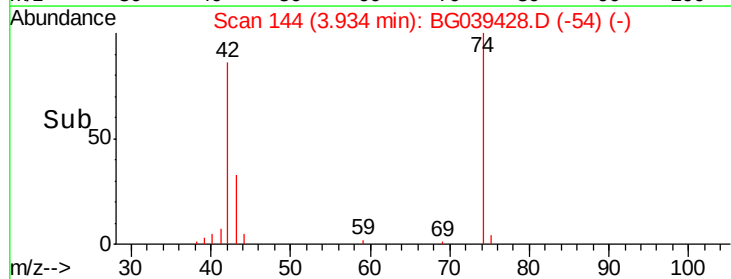
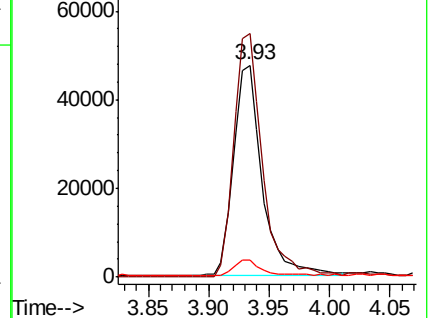
44 7.9 6.9 10.3

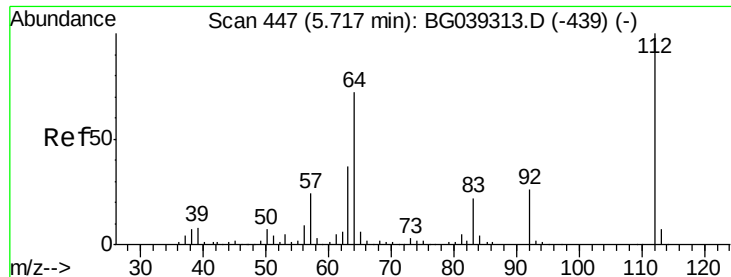


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.880 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

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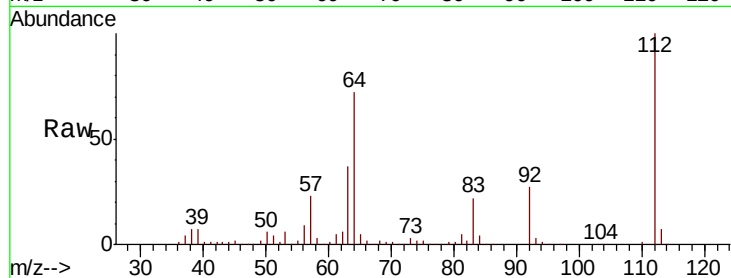
Tgt Ion: 112 Resp: 419380

Ion Ratio Lower Upper

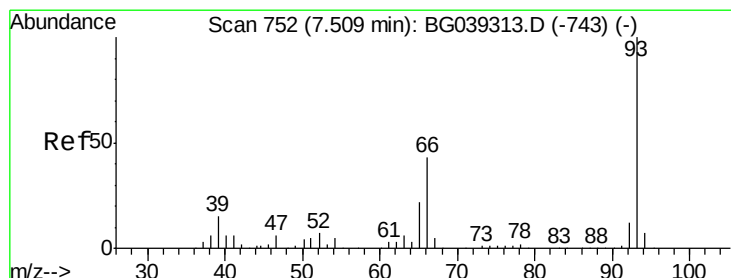
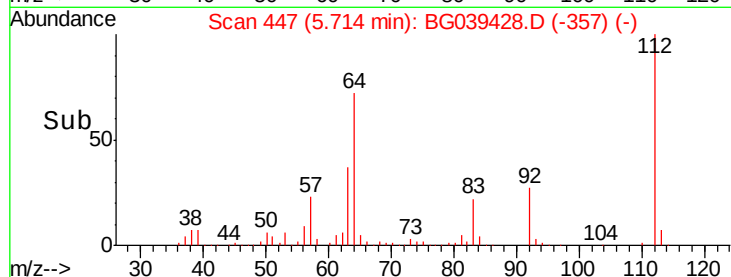
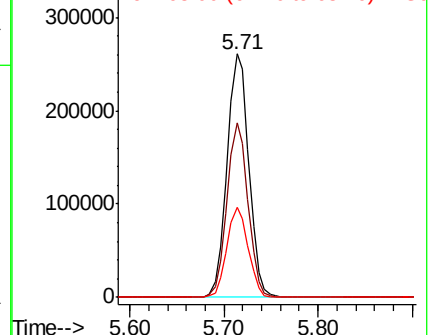
112 100

64 71.6 57.8 86.8

63 36.8 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: 9.264 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

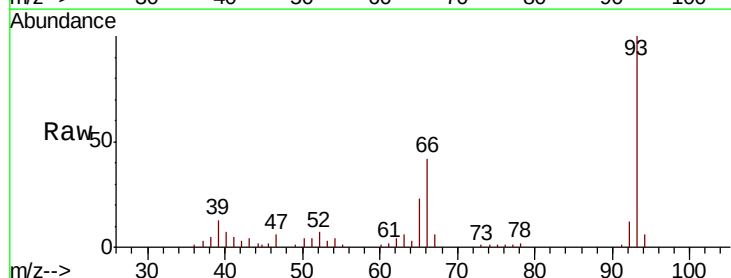
Tgt Ion: 93 Resp: 55583

Ion Ratio Lower Upper

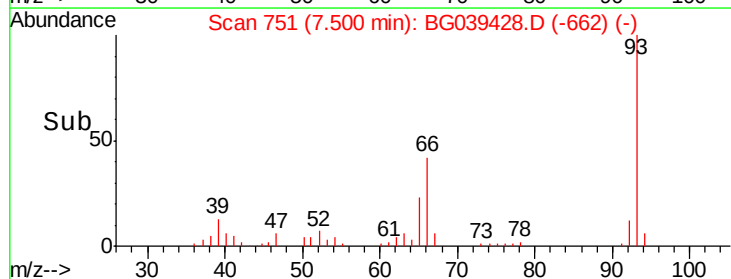
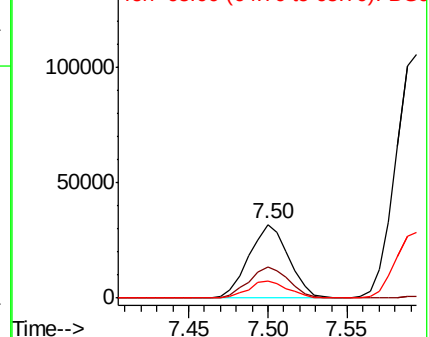
93 100

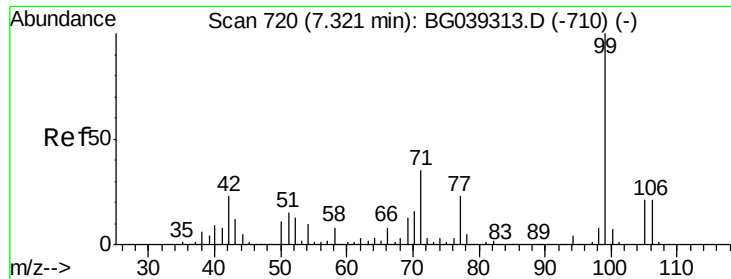
66 42.4 34.2 51.4

65 23.3 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: 115.909 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

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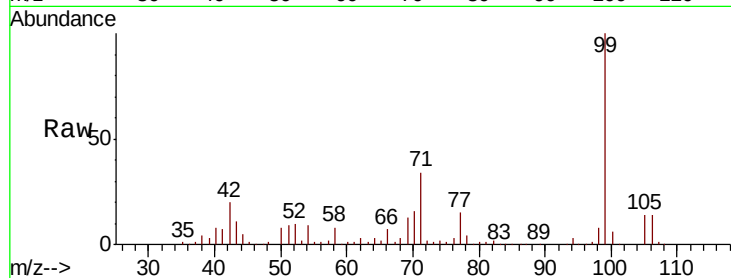
Tgt Ion: 99 Resp: 555187

Ion Ratio Lower Upper

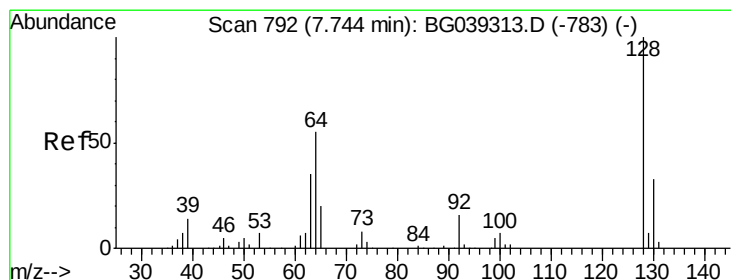
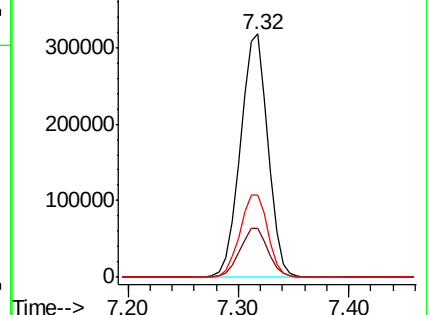
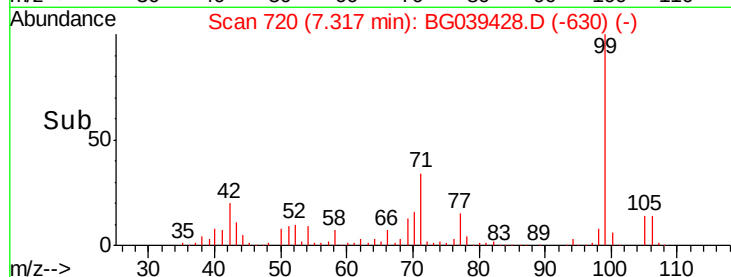
99 100

42 20.0 18.2 27.2

71 34.0 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: 47.183 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

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Acq: 8 Feb 2019 23:10

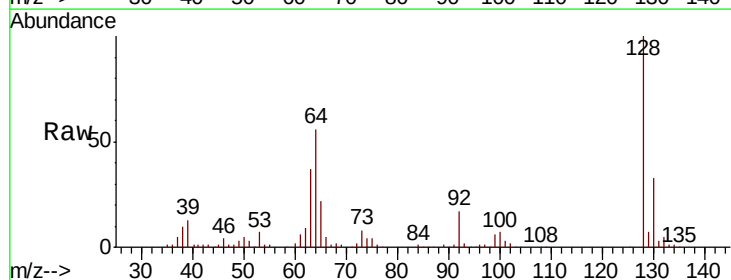
Tgt Ion: 128 Resp: 167827

Ion Ratio Lower Upper

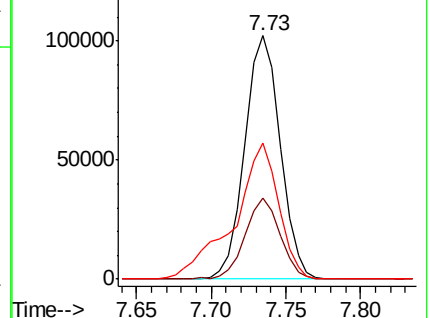
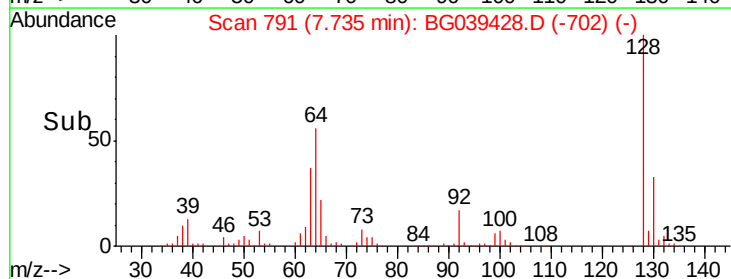
128 100

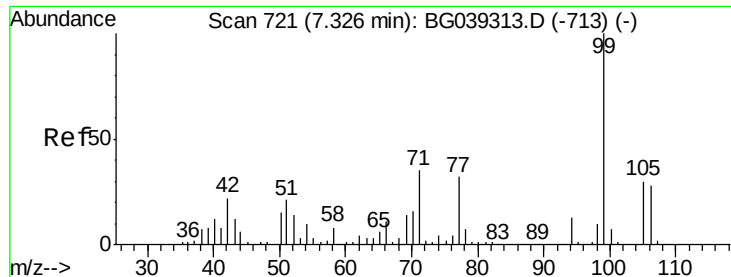
130 33.4 12.9 52.9

64 56.0 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: 36.221 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

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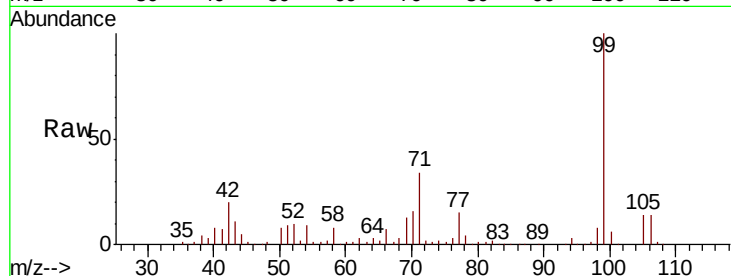
Tgt Ion: 77 Resp: 89022

Ion Ratio Lower Upper

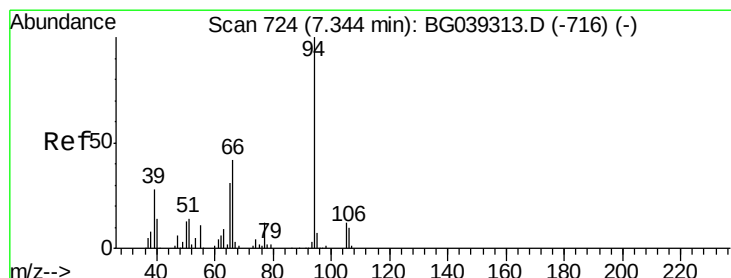
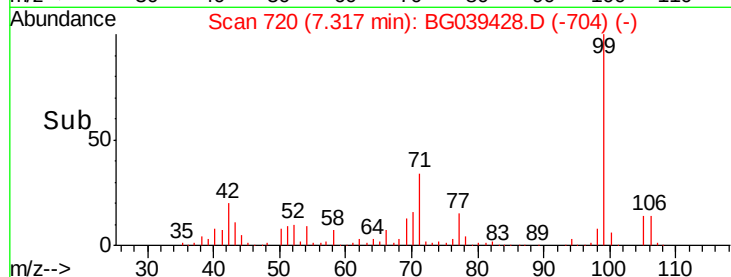
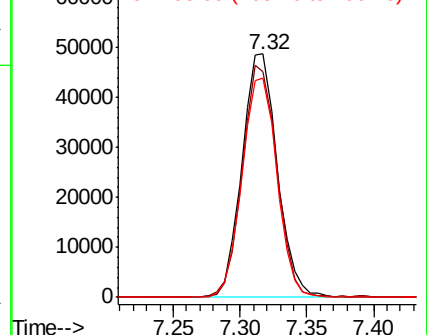
77 100

105 92.5 74.5 114.5

106 90.3 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: 39.896 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

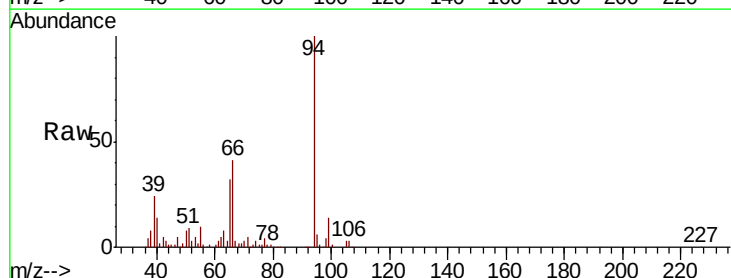
Tgt Ion: 94 Resp: 199204

Ion Ratio Lower Upper

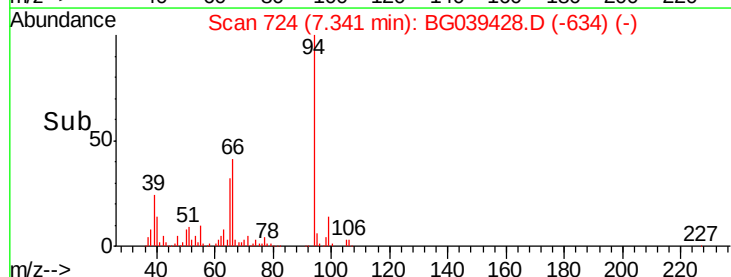
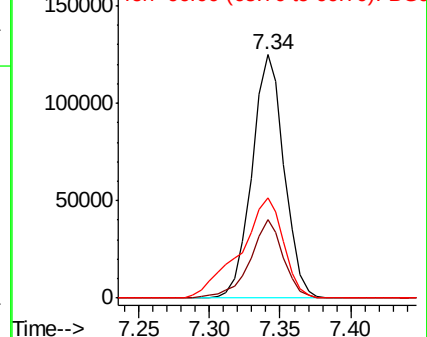
94 100

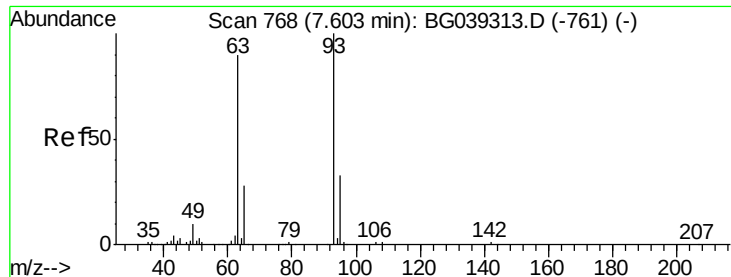
65 32.3 11.7 51.7

66 41.3 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

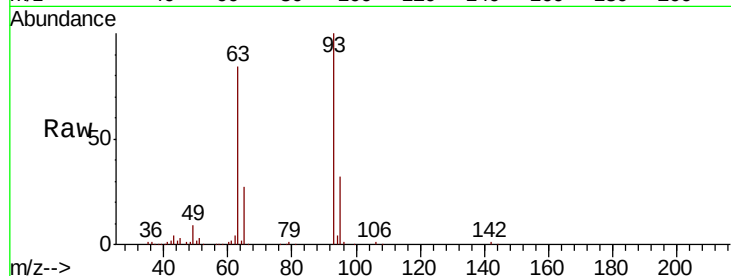




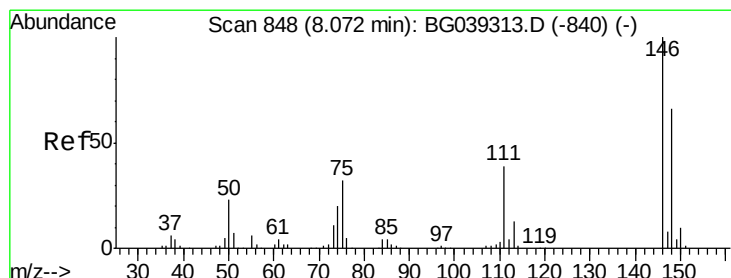
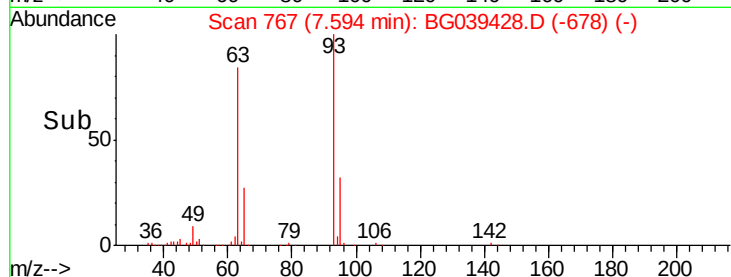
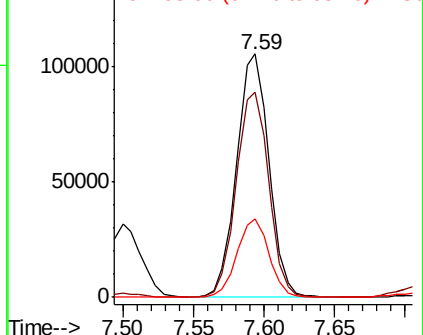
#11
bis(2-Chloroethyl)ether
Concen: 42.714 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Tgt Ion: 93 Resp: 168525
Ion Ratio Lower Upper
93 100
63 84.1 69.5 109.5
95 32.0 12.7 52.7

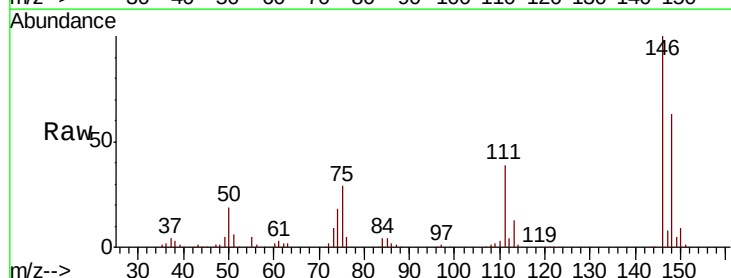


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

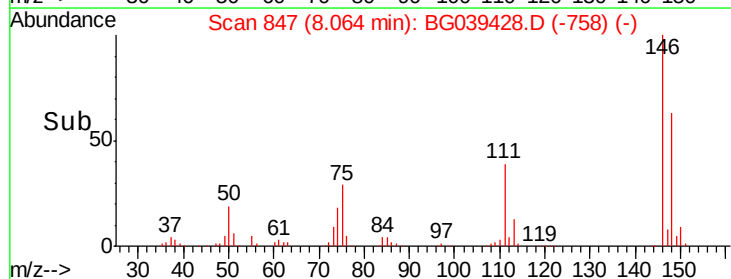
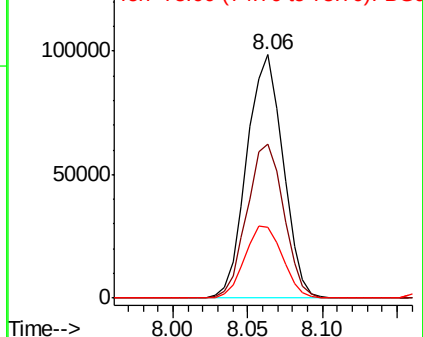


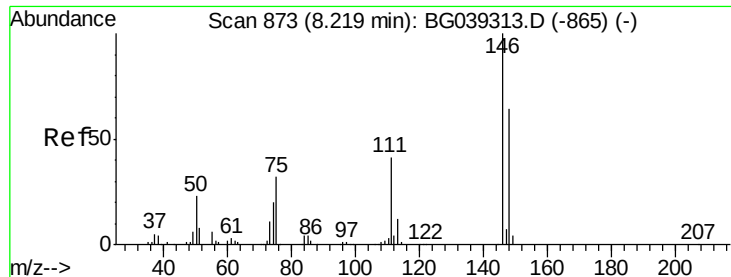
#12
1,3-Dichlorobenzene
Concen: 38.346 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion: 146 Resp: 165232
Ion Ratio Lower Upper
146 100
148 63.1 52.6 79.0
75 29.2 25.8 38.6



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

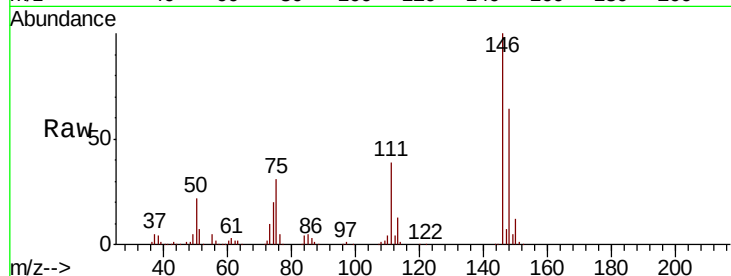




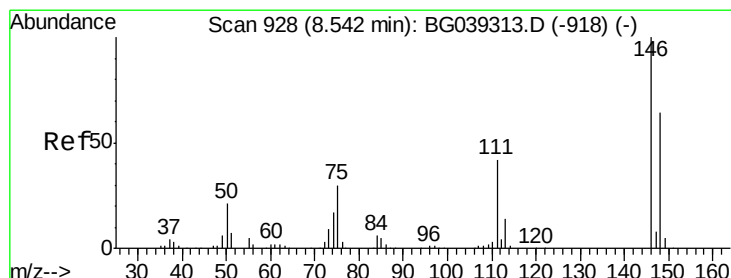
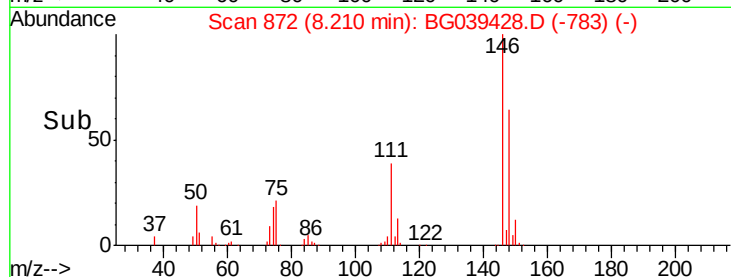
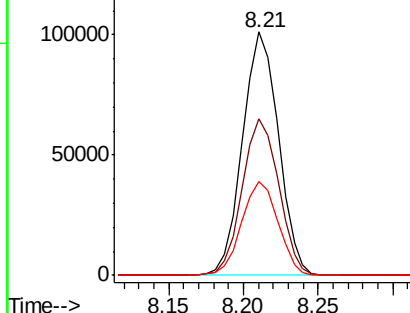
#13
 1,4-Dichlorobenzene
 Concen: 39.284 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Instrument :
 BNA_G
 ClientSampleID :
 OK-01-020719MS

Tgt Ion:146 Resp: 168717
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 38.8 32.6 48.8

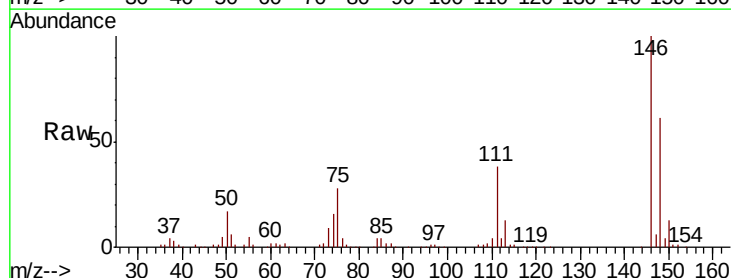


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

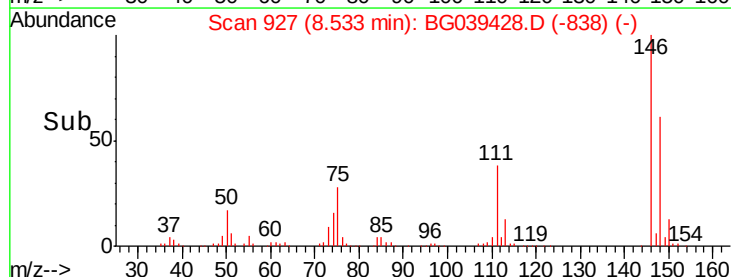
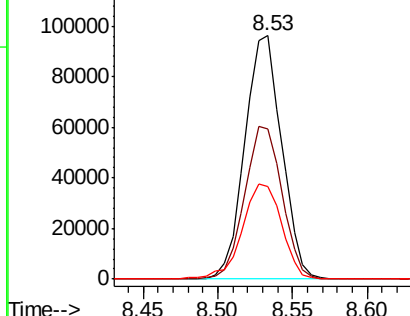


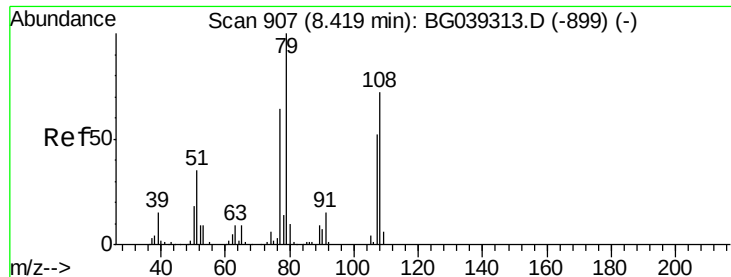
#14
 1,2-Dichlorobenzene
 Concen: 39.412 ng
 RT: 8.53 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:146 Resp: 163865
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.5 77.3
 111 37.9 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: 43.828 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

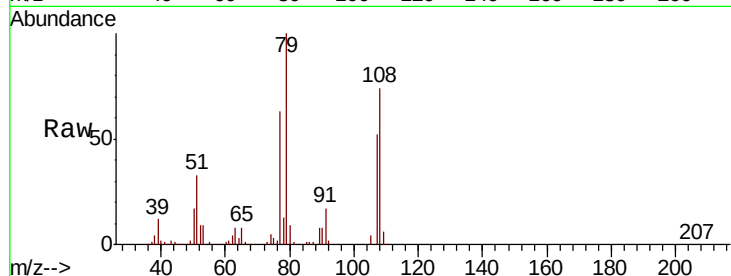
Tgt Ion: 79 Resp: 164812

Ion Ratio Lower Upper

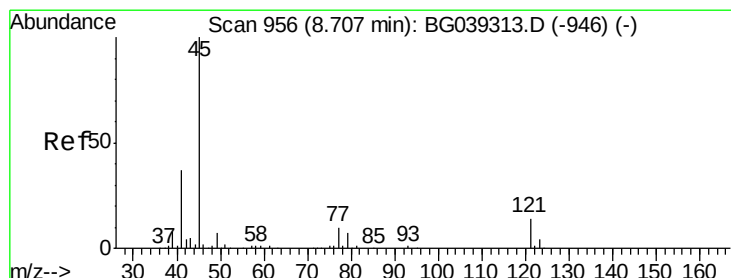
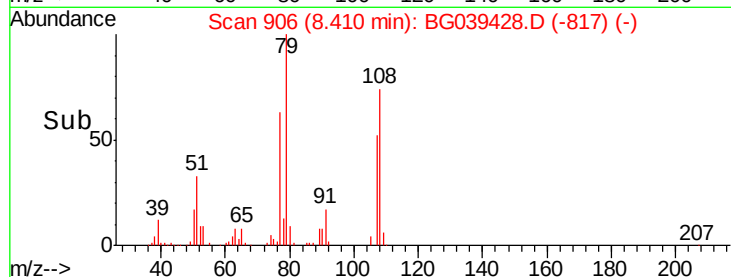
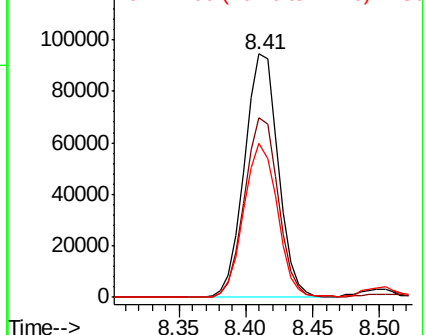
79 100

108 73.8 57.8 86.6

77 63.0 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: 35.996 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

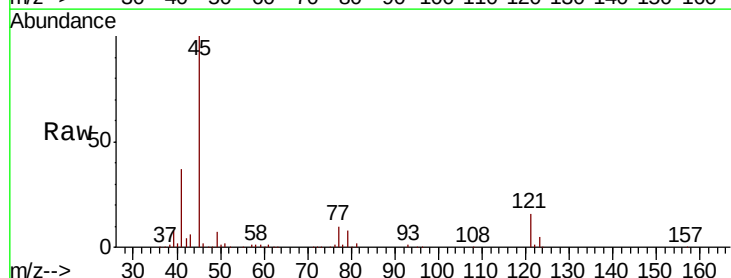
Tgt Ion: 45 Resp: 320714

Ion Ratio Lower Upper

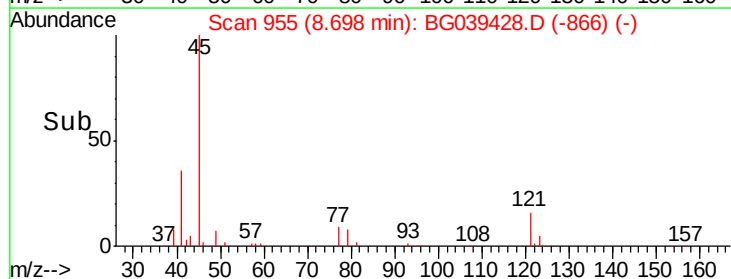
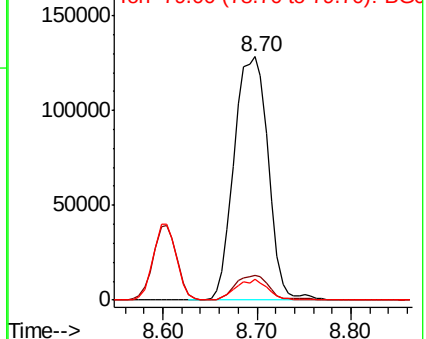
45 100

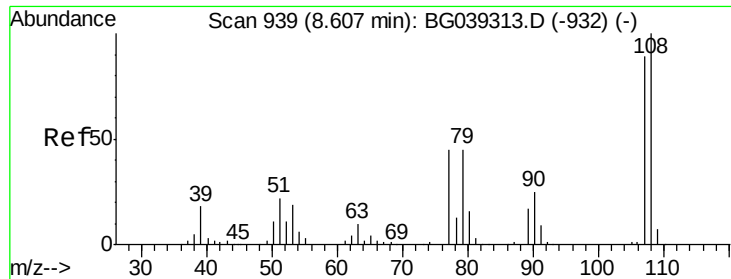
77 10.1 0.0 30.0

79 8.5 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

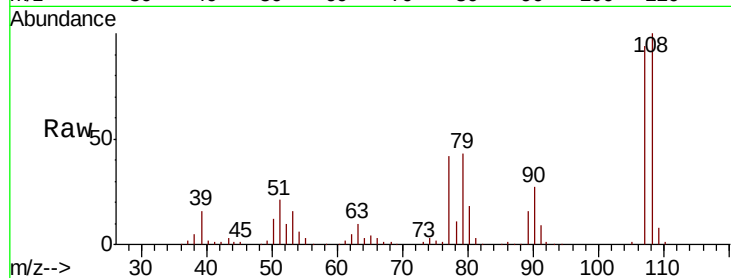




#17
2-Methylphenol
Concen: 45.104 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	106.5	90.8	136.2
77	44.9	40.7	61.1
79	46.2	40.6	60.8



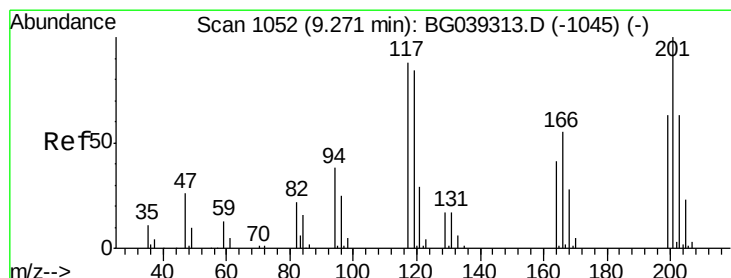
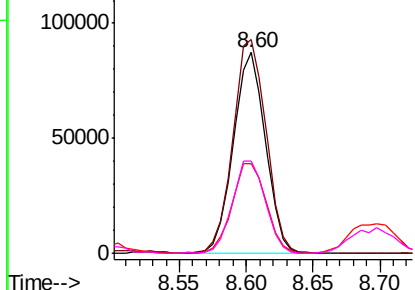
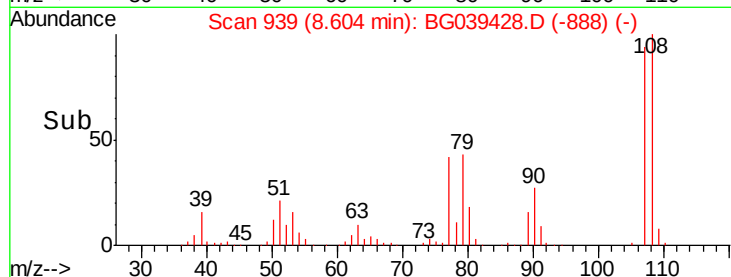
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

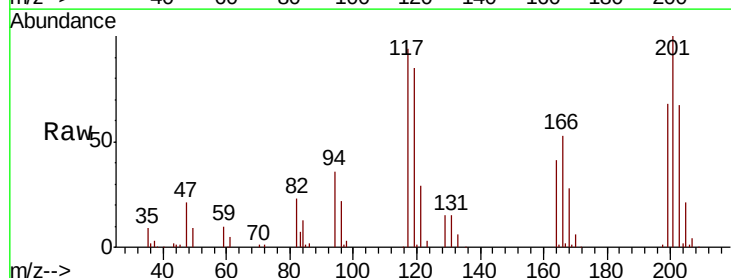
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.142 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	76.3	114.5
201	105.9	91.1	136.7

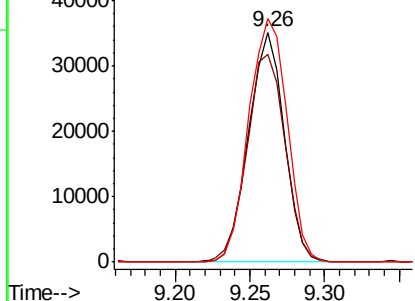
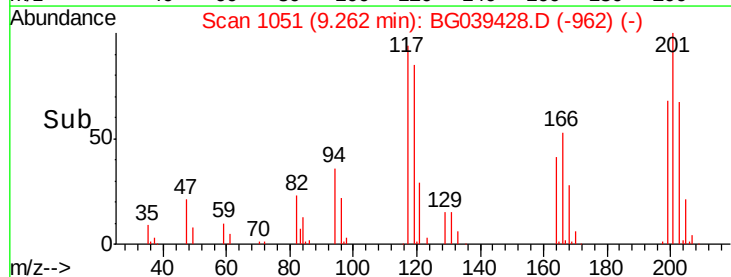


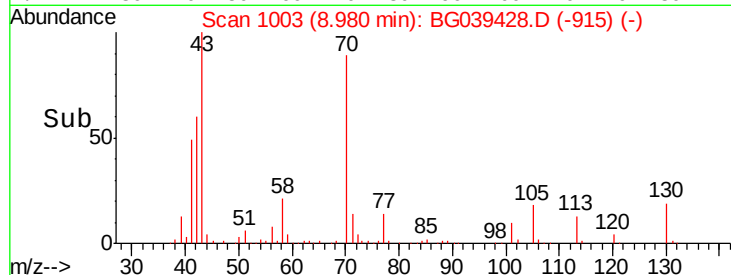
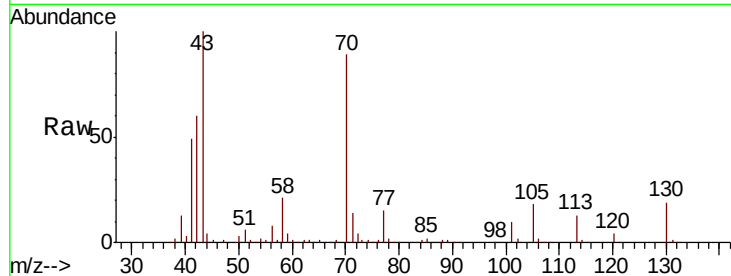
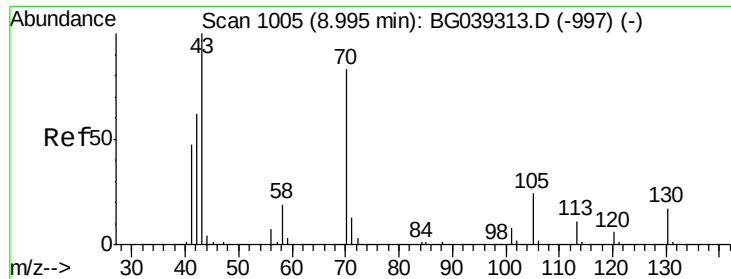
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

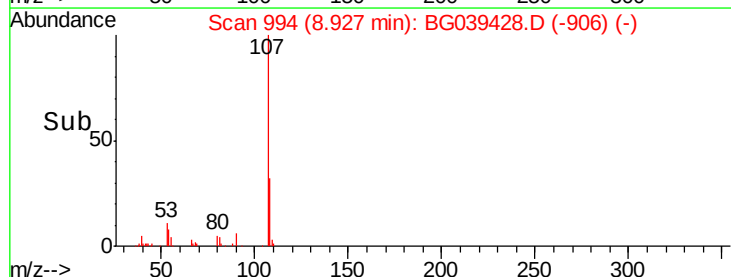
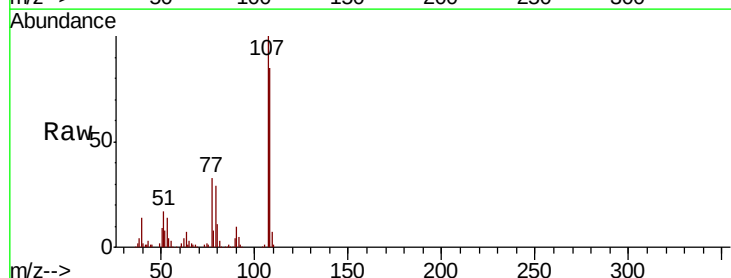
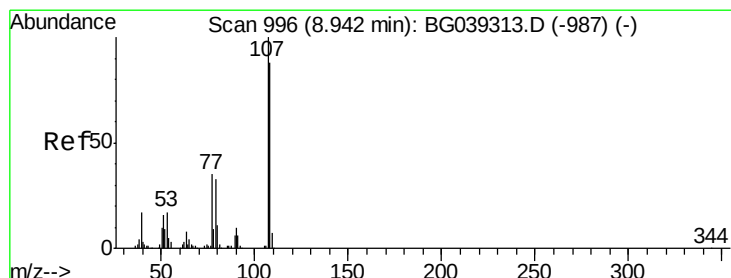
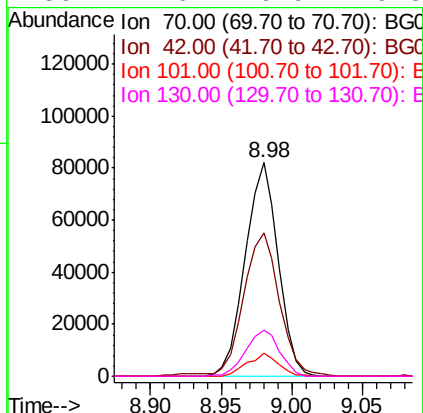




#19
n-Nitroso-di-n-propylamine
Concen: 39.475 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

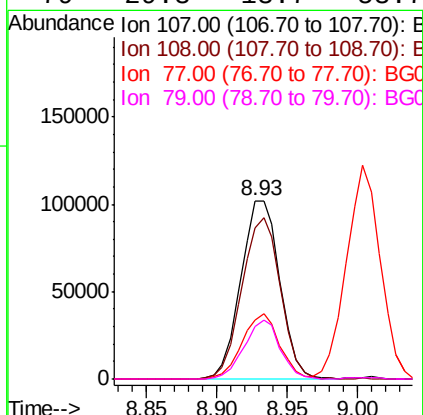
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

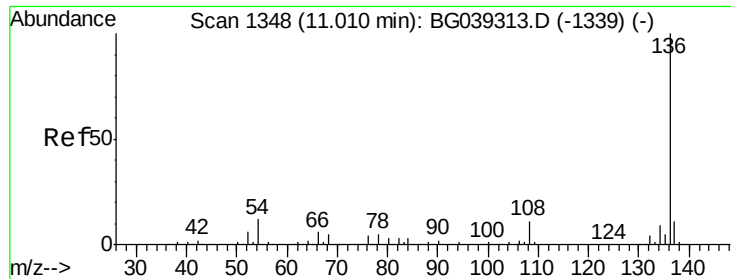
Tgt Ion:	70	Resp:	134200
Ion	Ratio	Lower	Upper
70	100		
42	67.1	60.4	90.6
101	10.8	7.5	11.3
130	21.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.389 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:	107	Resp:	197508
Ion	Ratio	Lower	Upper
107	100		
108	84.8	67.9	107.9
77	33.3	15.4	55.4
79	29.3	13.7	53.7

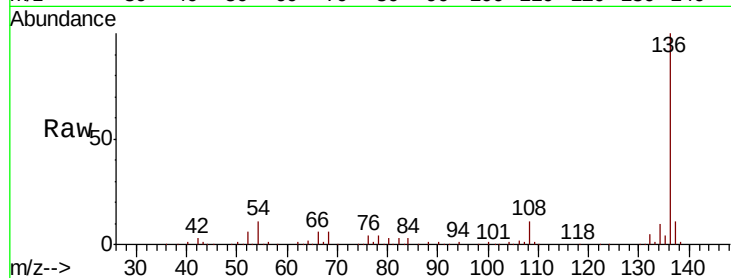




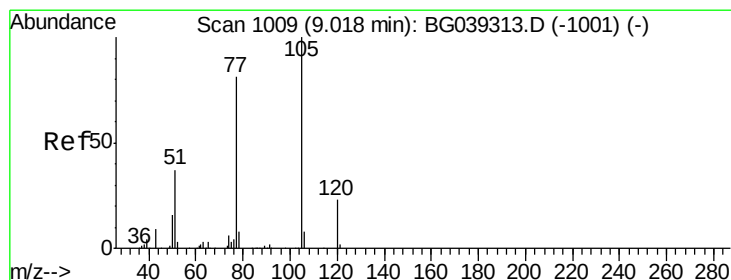
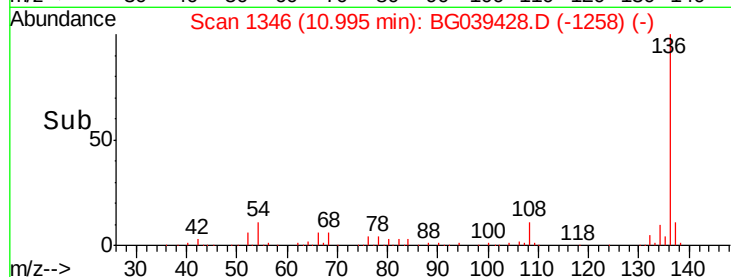
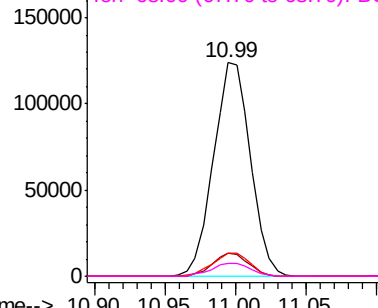
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Tgt Ion:	136	Resp:	227106
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.0	9.4	14.2
68	6.0	4.2	6.4

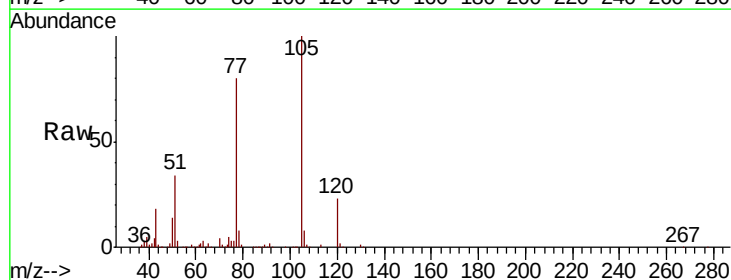


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

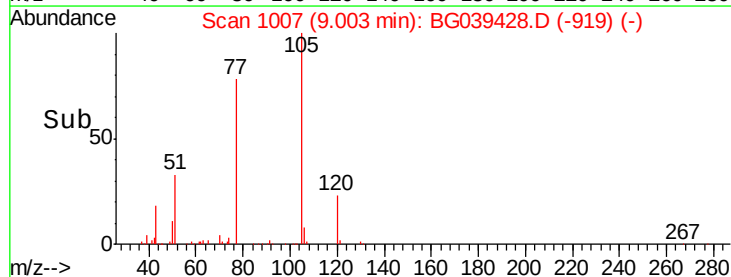
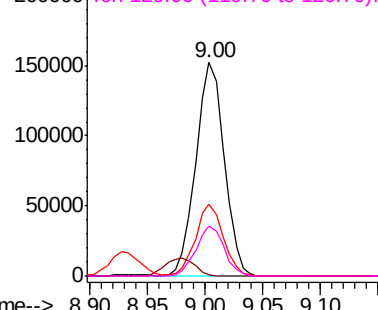


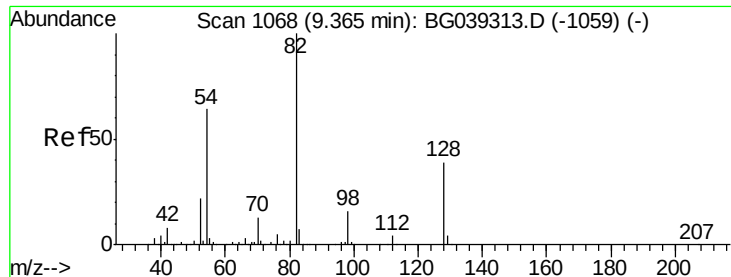
#22
Acetophenone
Concen: 42.500 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:	105	Resp:	259266
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	33.8	30.2	45.2
120	23.3	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

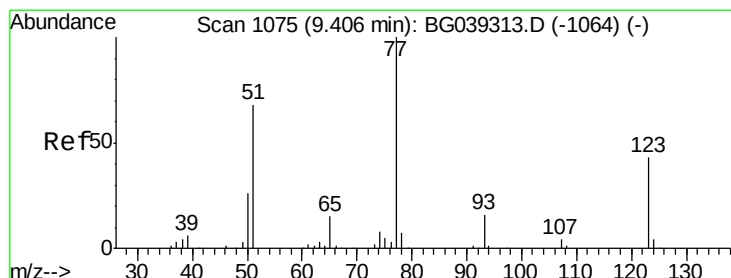
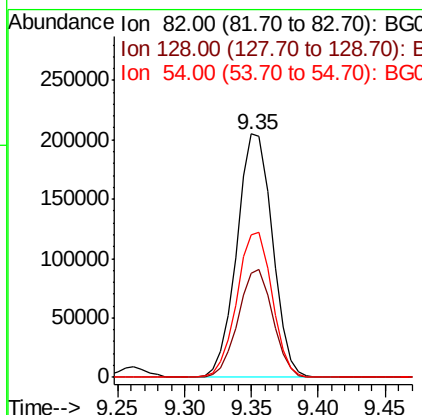
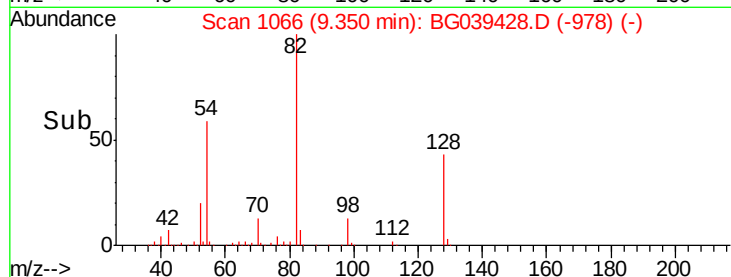
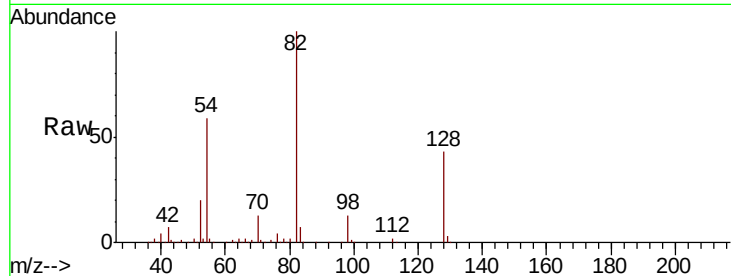




#23
 Nitrobenzene-d5
 Concen: 104.225 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

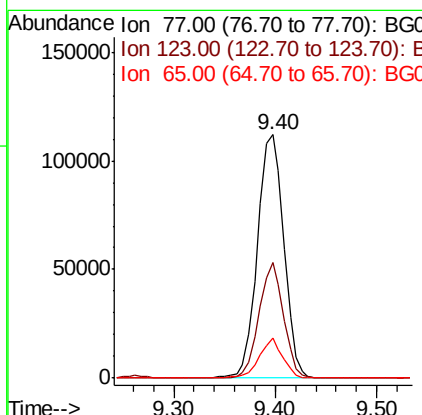
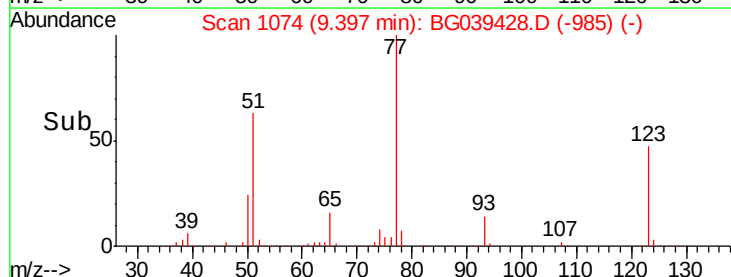
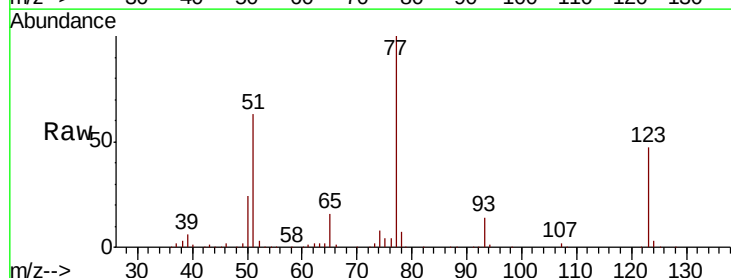
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

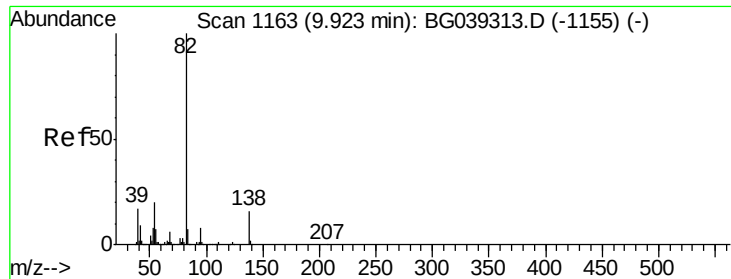
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	58.6	50.9	76.3



#24
 Nitrobenzene
 Concen: 51.427 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	34.1	51.1
65	16.3	12.3	18.5





#25

Isophorone

Concen: 47.234 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

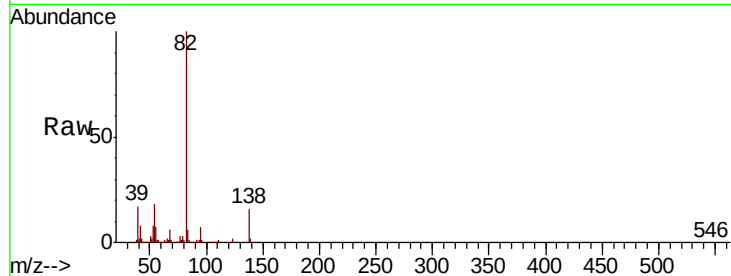
Tgt Ion: 82 Resp: 380510

Ion Ratio Lower Upper

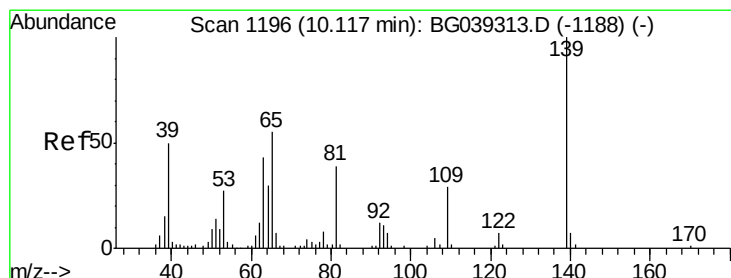
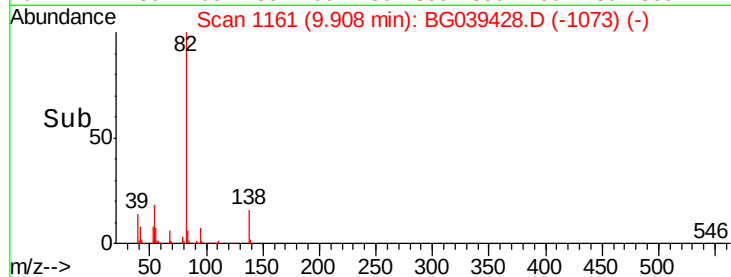
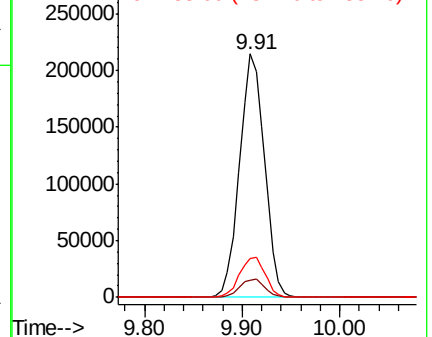
82 100

95 6.9 6.2 9.2

138 15.9 13.0 19.4



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



#26

2-Nitrophenol

Concen: 57.321 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

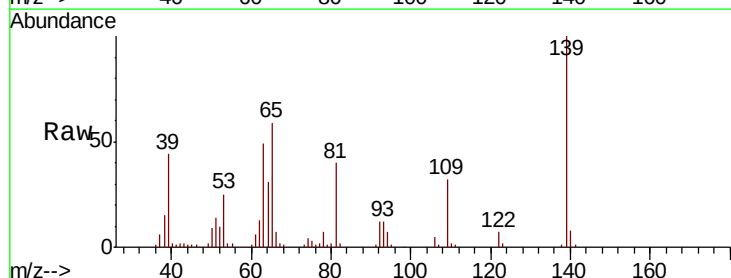
Tgt Ion: 139 Resp: 93779

Ion Ratio Lower Upper

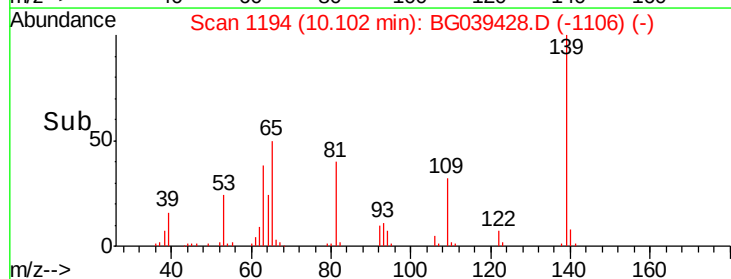
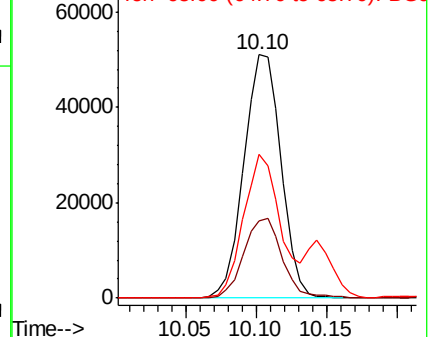
139 100

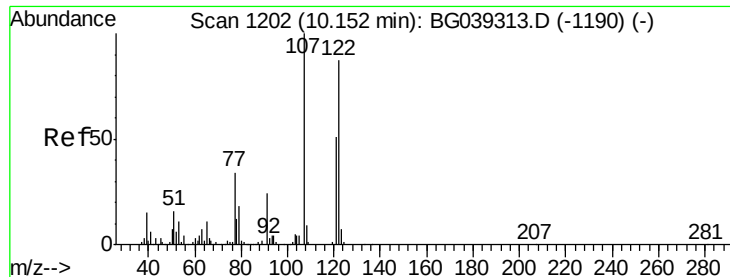
109 31.9 23.4 35.0

65 59.2 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 53.277 ng

RT: 10.14 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

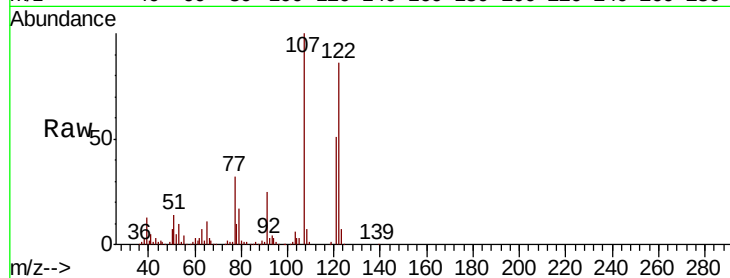
Tgt Ion:122 Resp: 173621

Ion Ratio Lower Upper

122 100

107 115.9 91.7 137.5

121 58.8 46.4 69.6

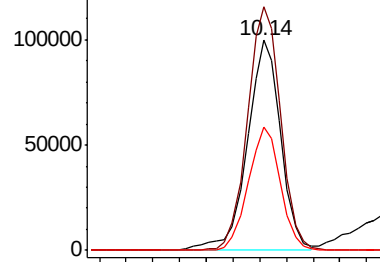


Abundance

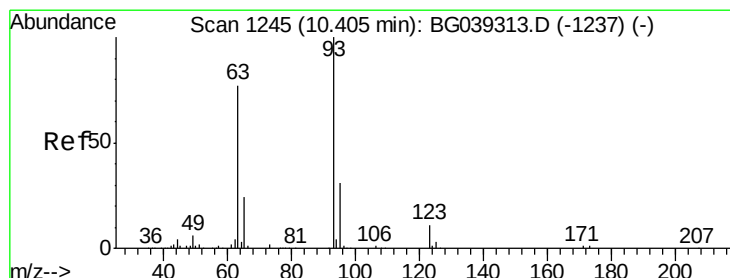
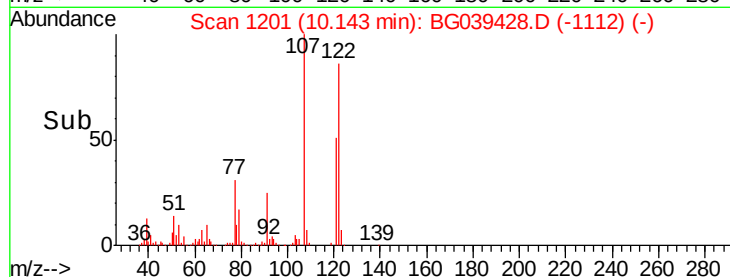
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 46.750 ng

RT: 10.39 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

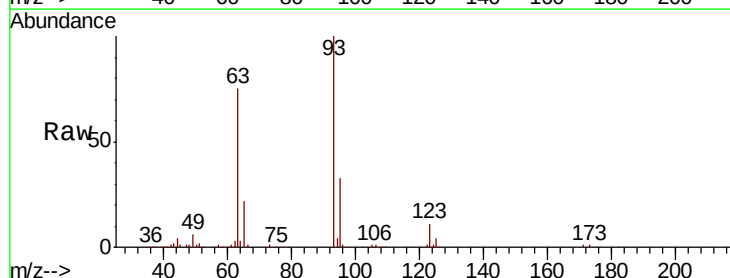
Tgt Ion: 93 Resp: 231975

Ion Ratio Lower Upper

93 100

95 33.1 25.0 37.4

123 11.2 8.6 12.8

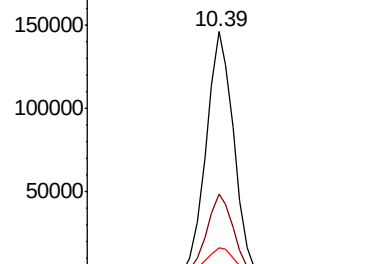


Abundance

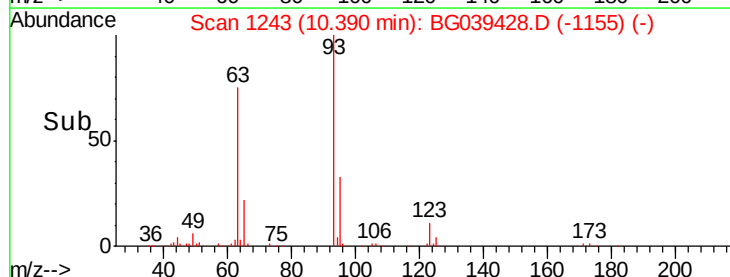
Ion 93.00 (92.70 to 93.70): BGC

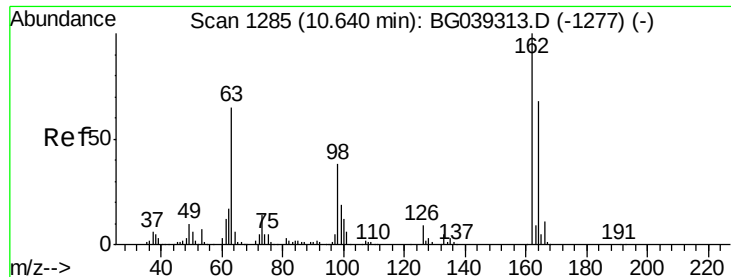
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



Time-->

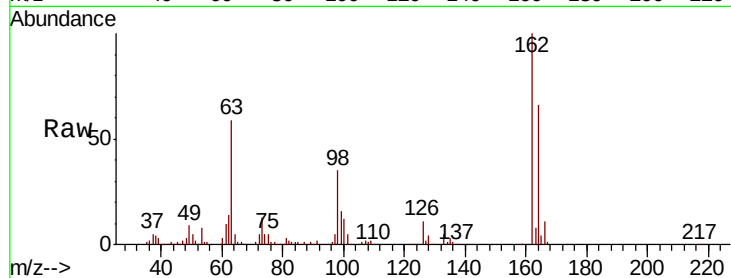




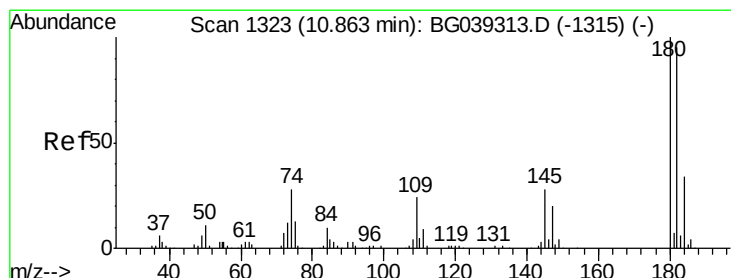
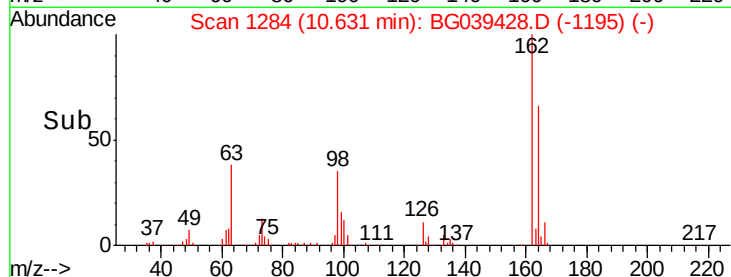
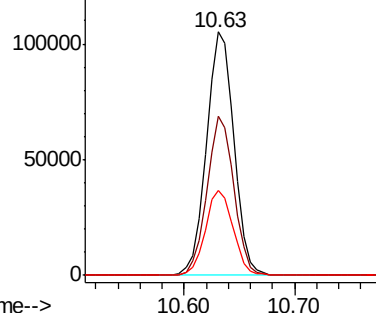
#29
2,4-Dichlorophenol
Concen: 51.527 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.1	88.1
98	34.9	18.1	58.1

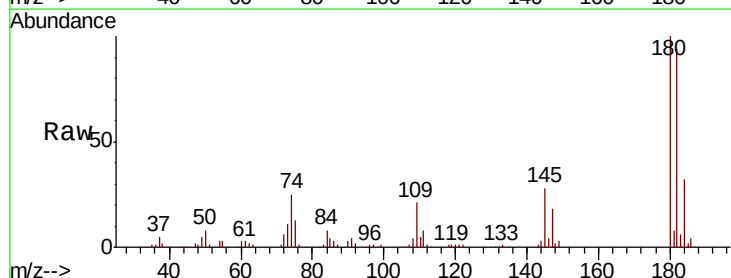


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

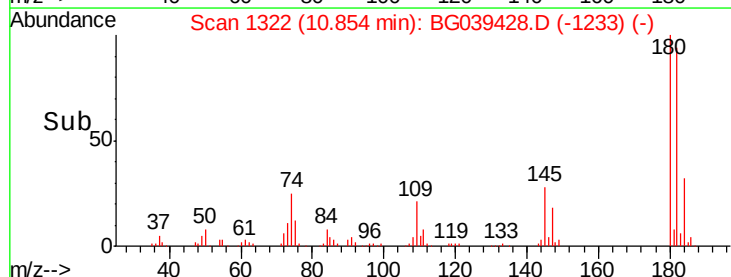
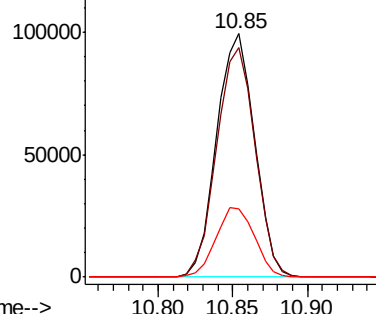


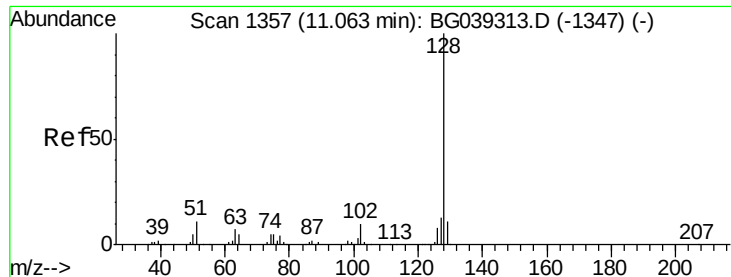
#30
1,2,4-Trichlorobenzene
Concen: 43.714 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.0	114.0
145	27.9	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

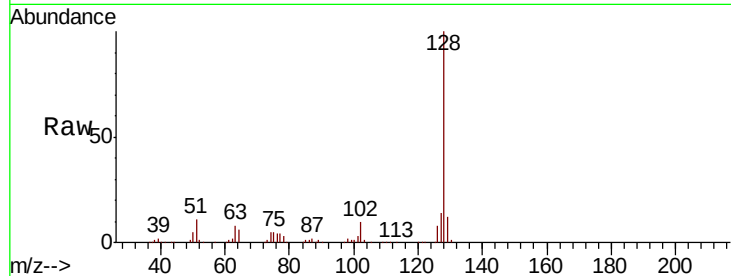




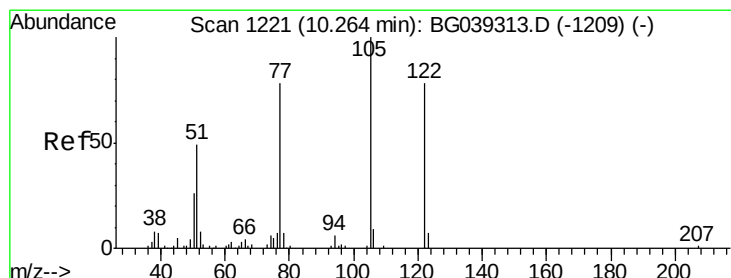
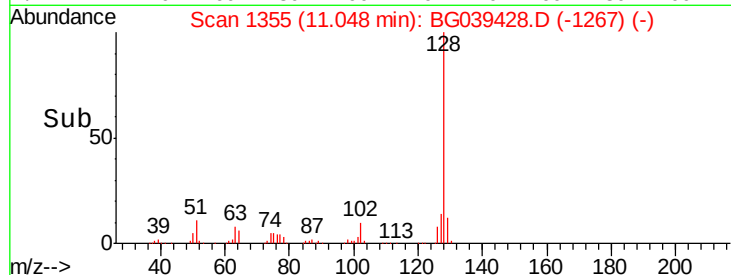
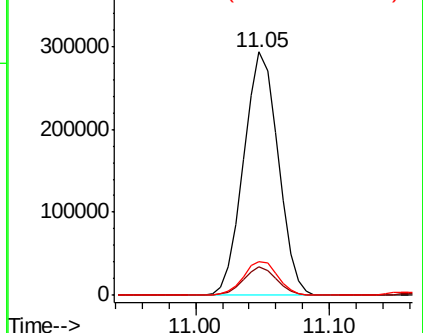
#31
Naphthalene
Concen: 46.458 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Tgt Ion:128 Resp: 523419
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 14.0 10.8 16.2

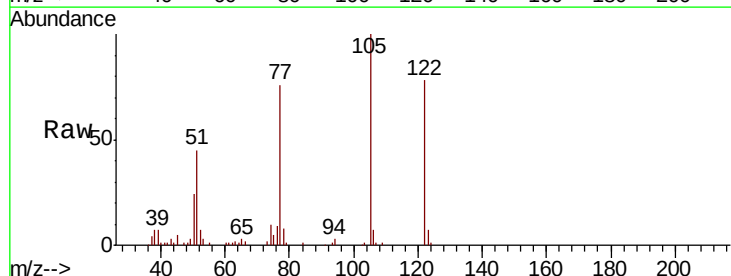


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

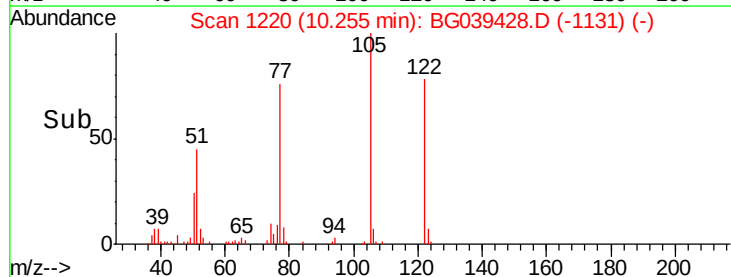
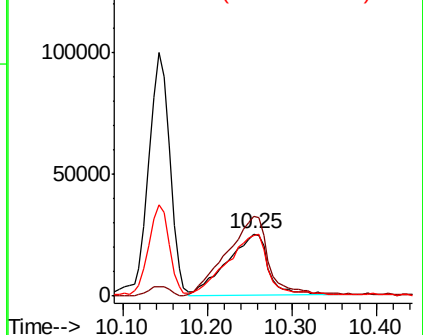


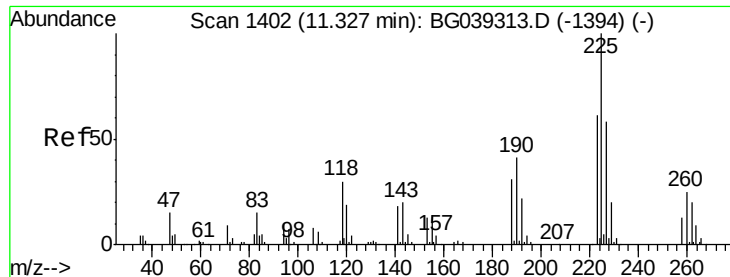
#32
Benzoic acid
Concen: 41.385 ng
RT: 10.25 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:122 Resp: 85047
Ion Ratio Lower Upper
122 100
105 128.0 101.8 141.8
77 96.8 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





#34

Hexachlorobutadiene

Concen: 41.795 ng

RT: 11.31 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

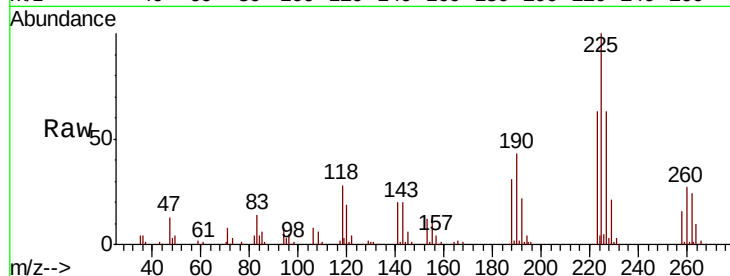
Tgt Ion:225 Resp: 111143

Ion Ratio Lower Upper

225 100

223 62.8 49.0 73.6

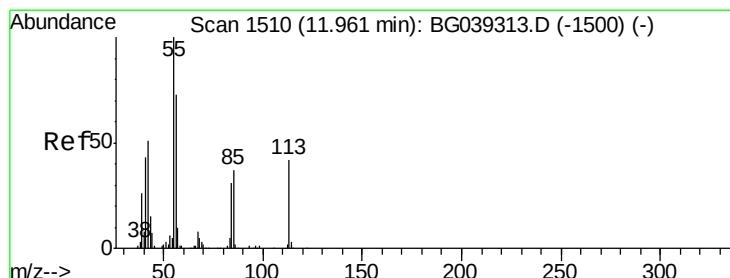
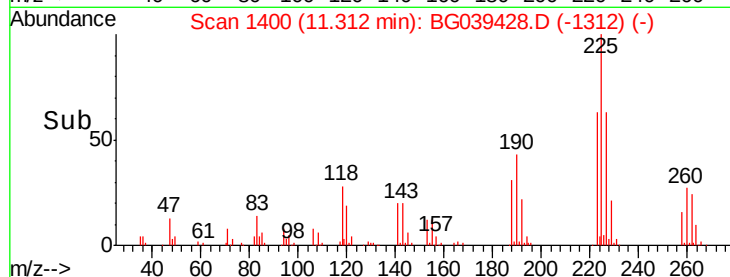
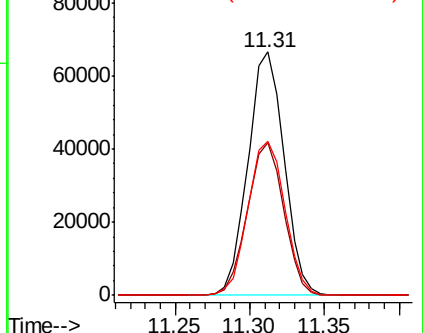
227 63.1 46.3 69.5



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: 23.469 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

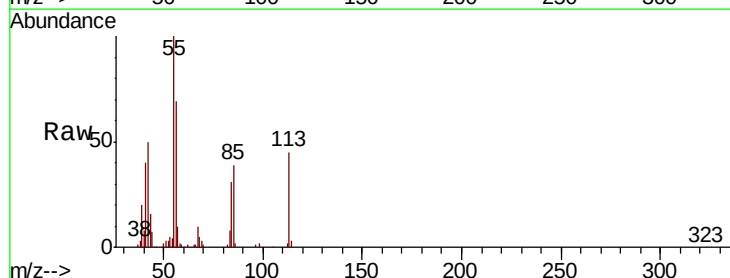
Tgt Ion:113 Resp: 34589

Ion Ratio Lower Upper

113 100

55 223.9 216.9 256.9

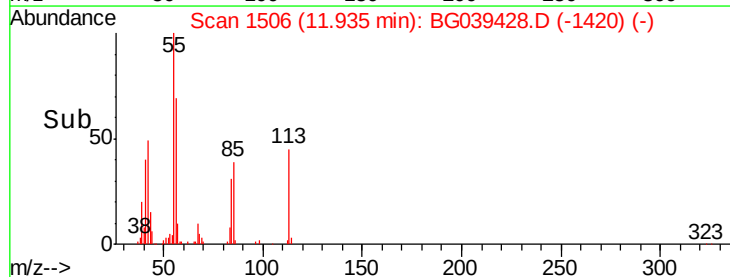
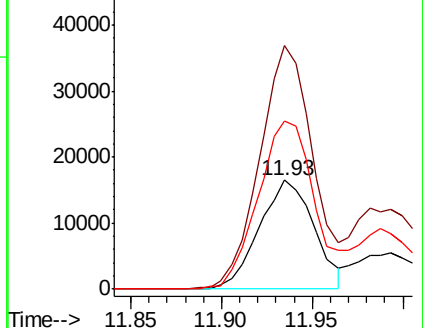
56 154.3 152.6 192.6

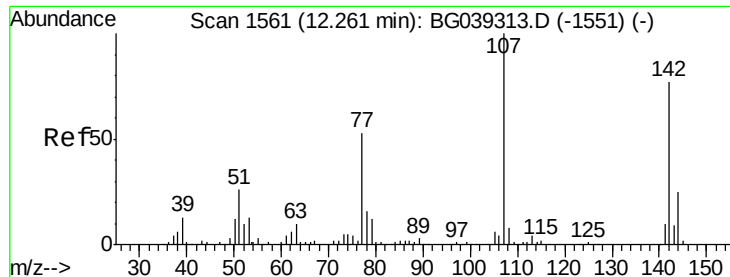


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

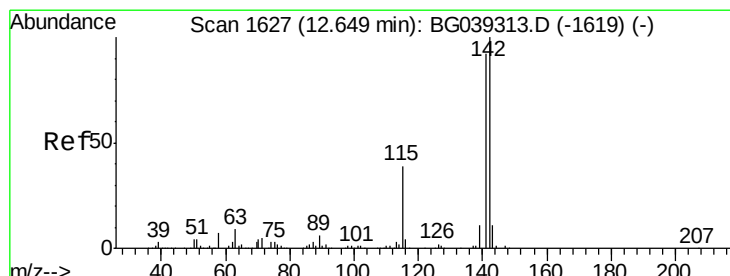
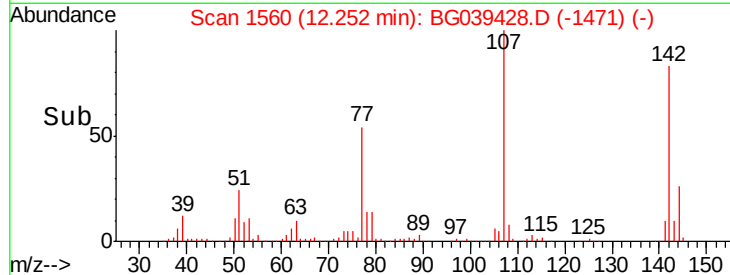
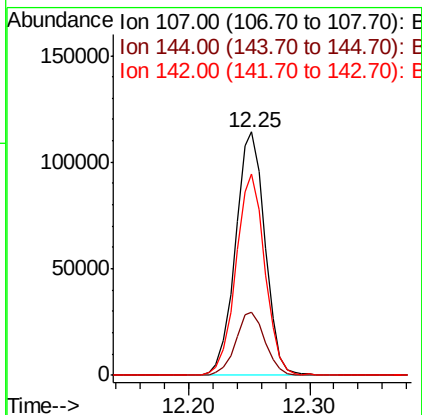
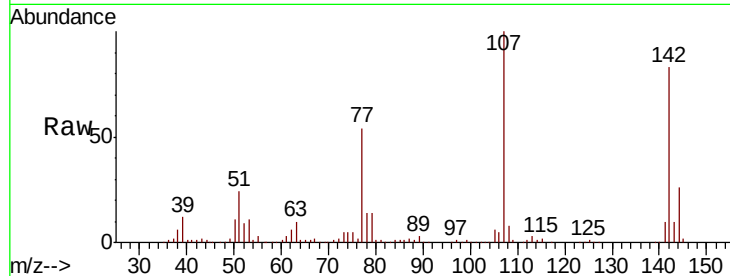




#36
 4-Chloro-3-methylphenol
 Concen: 47.341 ng
 RT: 12.25 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

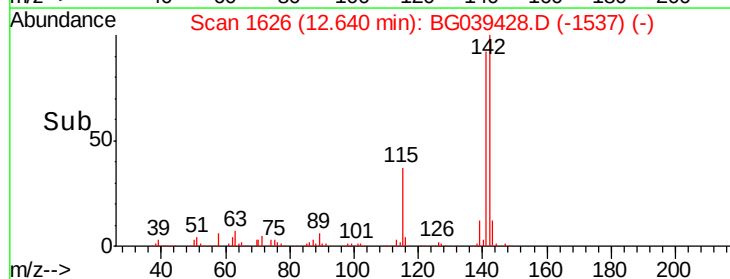
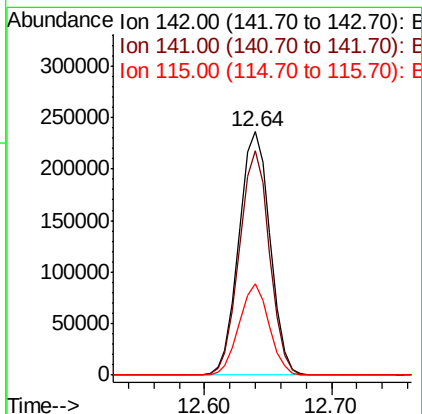
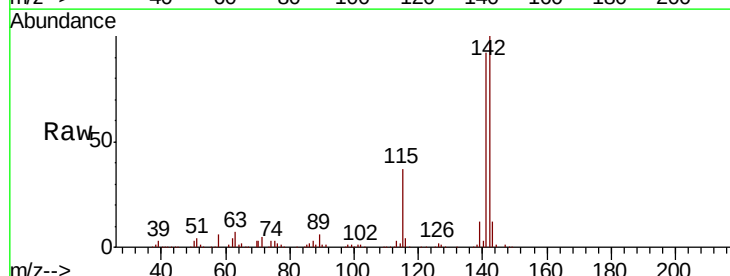
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

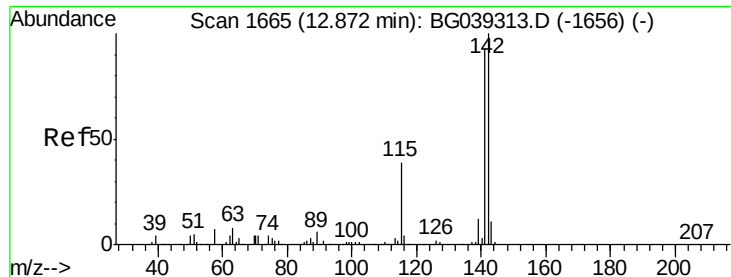
Tgt Ion:	107	Resp:	194998
Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.2	30.2
142	83.0	61.4	92.2



#37
 2-Methylnaphthalene
 Concen: 48.136 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:	142	Resp:	401676
Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.5	110.3
115	37.3	30.8	46.2

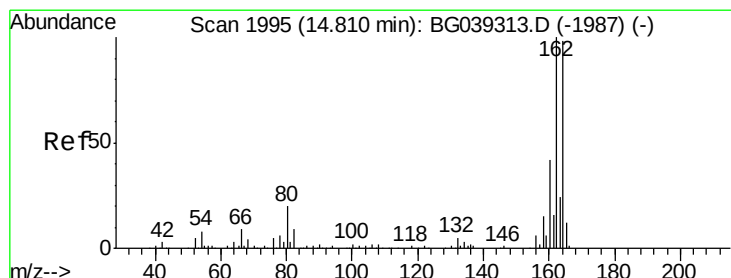
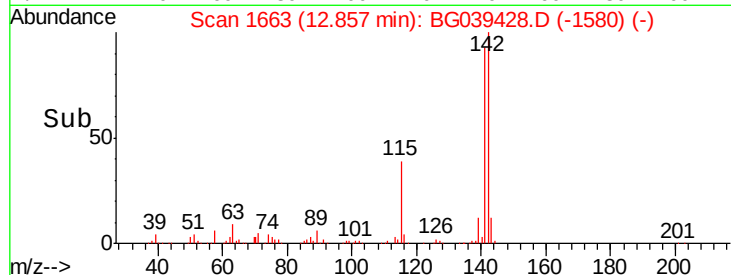
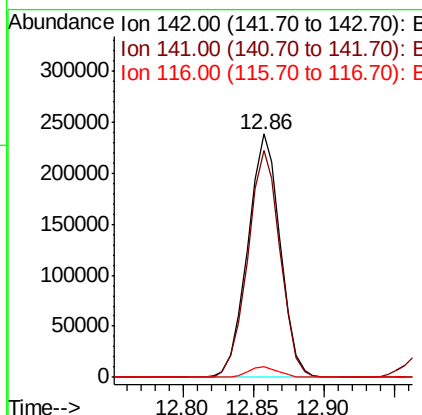
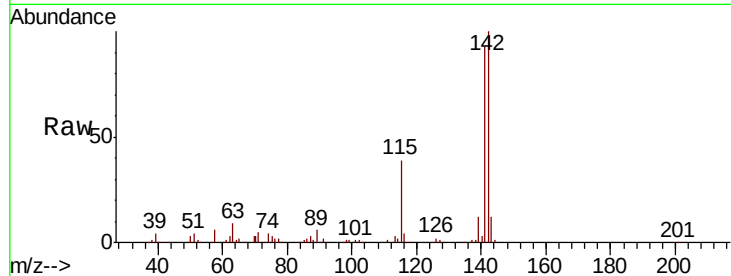




#38
 1-Methylnaphthalene
 Concen: 47.794 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

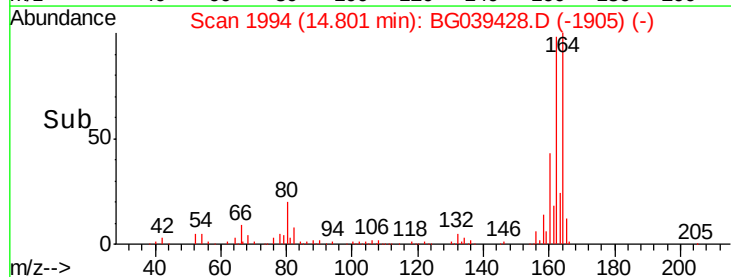
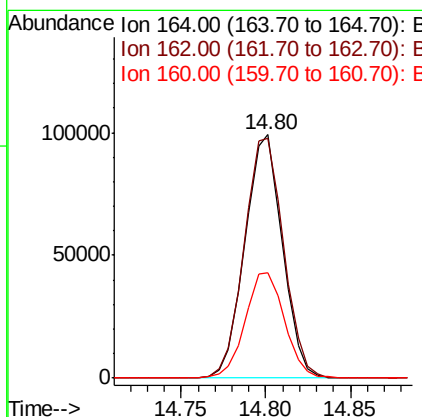
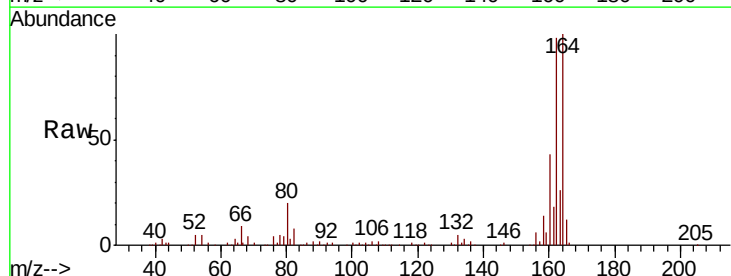
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

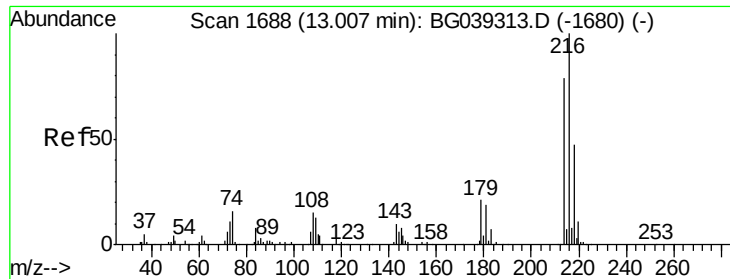
Tgt Ion:142 Resp: 384447
 Ion Ratio Lower Upper
 142 100
 141 93.2 74.2 111.4
 116 4.2 3.0 4.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:164 Resp: 153050
 Ion Ratio Lower Upper
 164 100
 162 98.5 81.6 122.4
 160 43.2 34.2 51.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.398 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

Tgt Ion:216 Resp: 221072

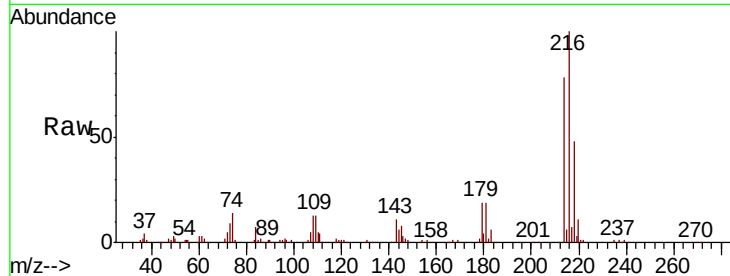
Ion Ratio Lower Upper

216 100

214 77.8 62.6 94.0

179 20.9 16.6 25.0

108 17.6 14.0 21.0

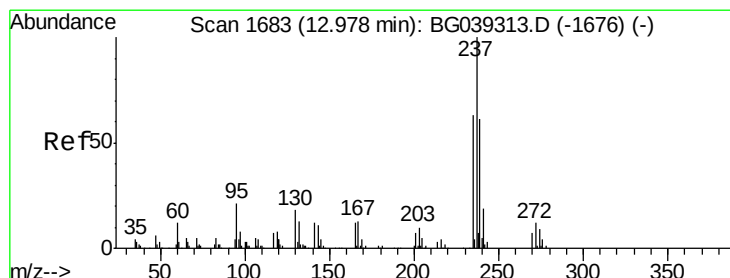
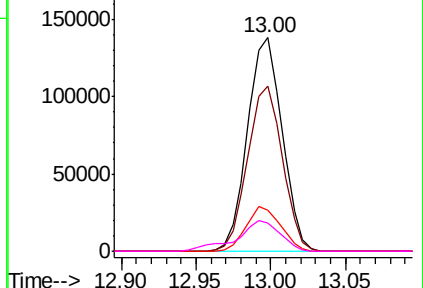
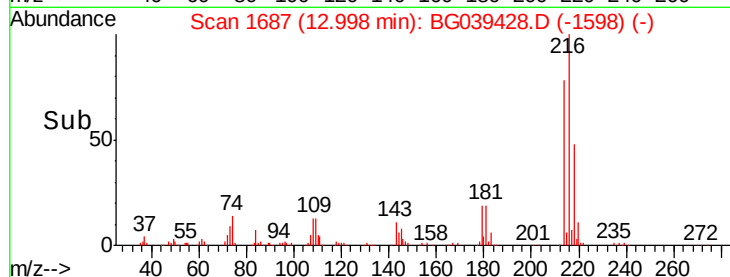


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.437 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

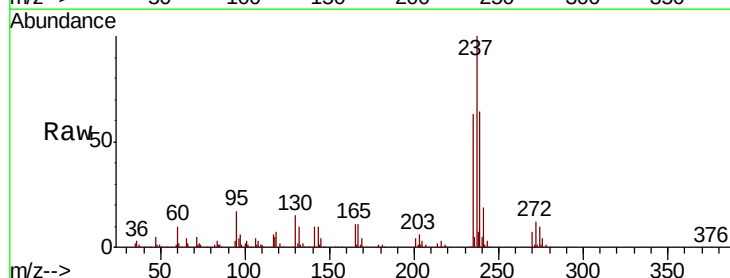
Tgt Ion:237 Resp: 261206

Ion Ratio Lower Upper

237 100

235 63.1 43.3 83.3

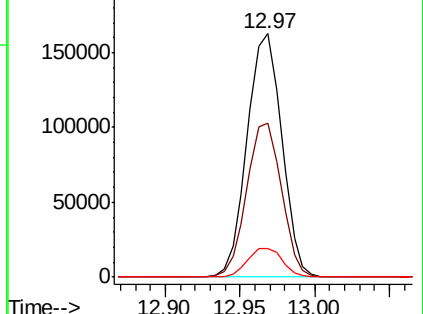
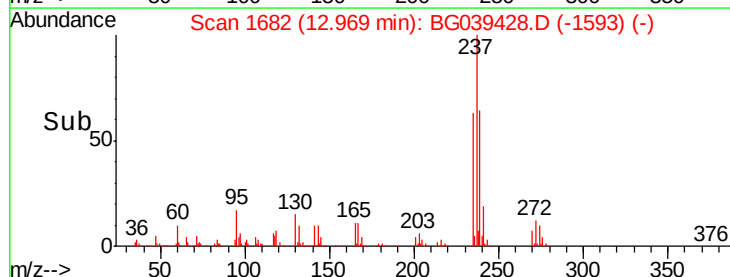
272 11.8 0.0 32.3

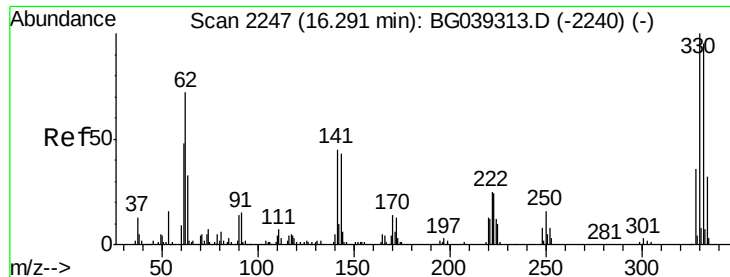


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

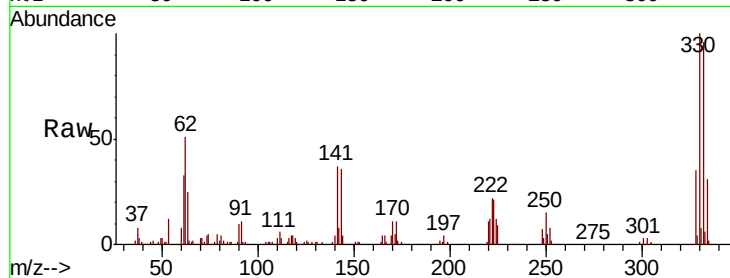




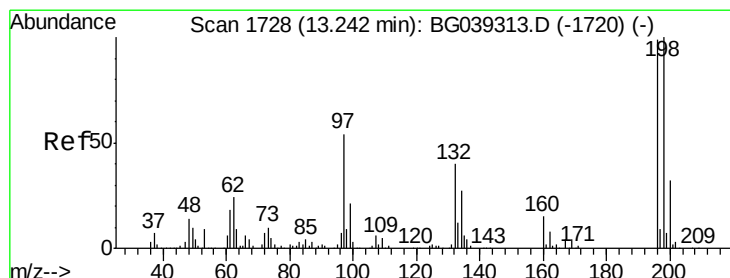
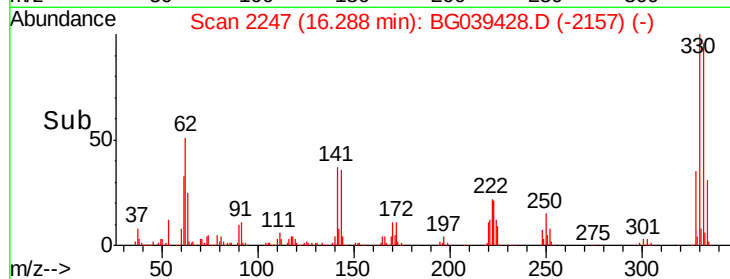
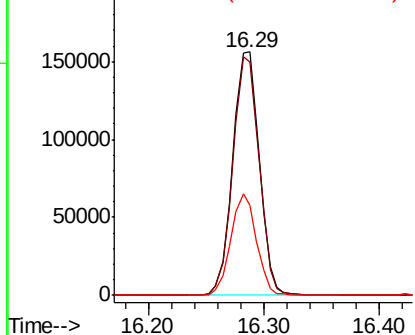
#42
 2,4,6-Tribromophenol
 Concen: 151.503 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

Tgt Ion:330 Resp: 249690
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.7 113.5
 141 40.0 35.6 53.4

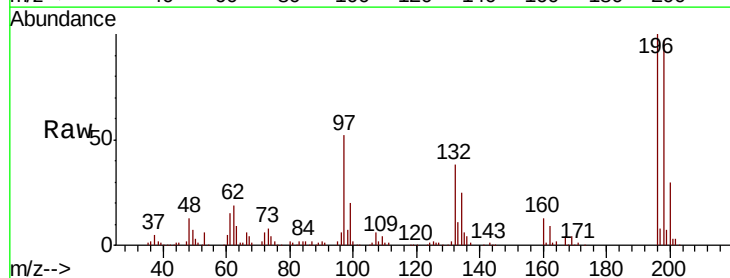


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

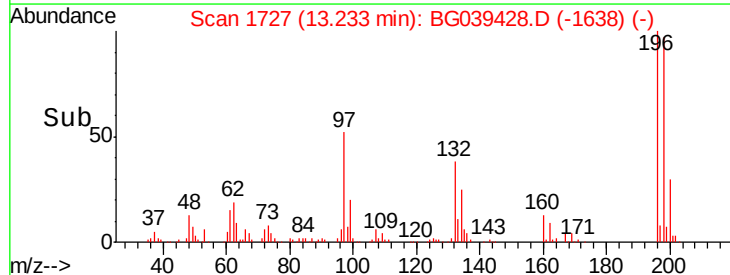
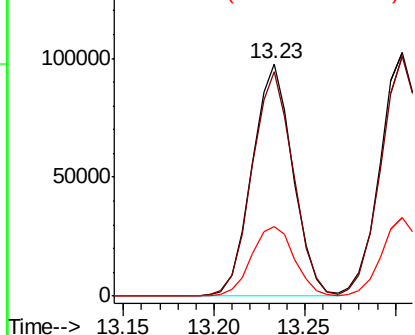


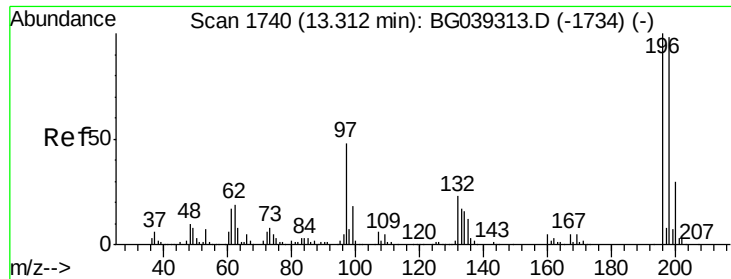
#43
 2,4,6-Trichlorophenol
 Concen: 51.184 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:196 Resp: 153250
 Ion Ratio Lower Upper
 196 100
 198 96.6 80.6 121.0
 200 30.2 26.1 39.1



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

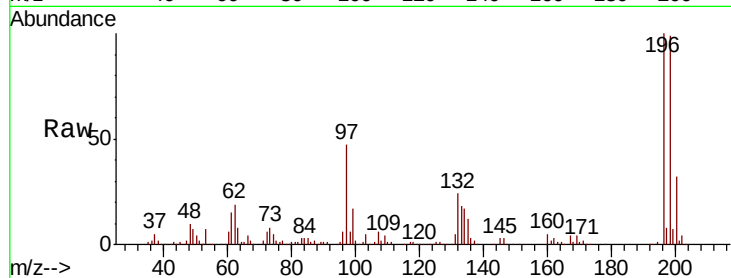




#44
 2,4,5-Trichlorophenol
 Concen: 53.266 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	78.5	117.7
97	46.7	38.4	57.6
132	24.2	19.2	28.8



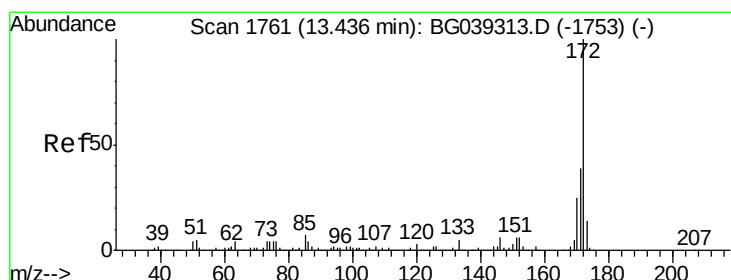
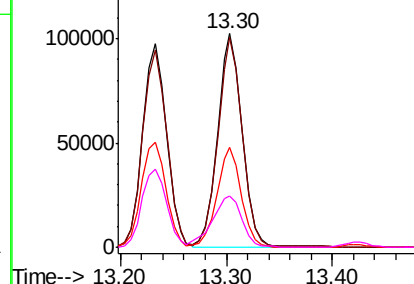
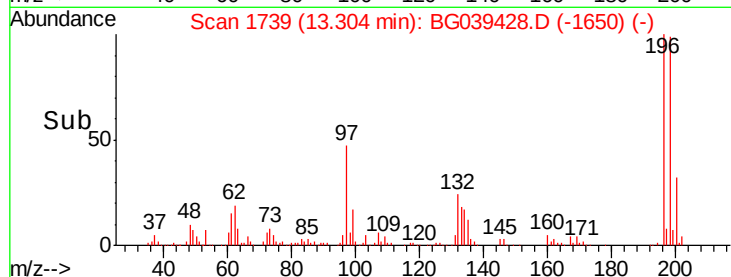
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

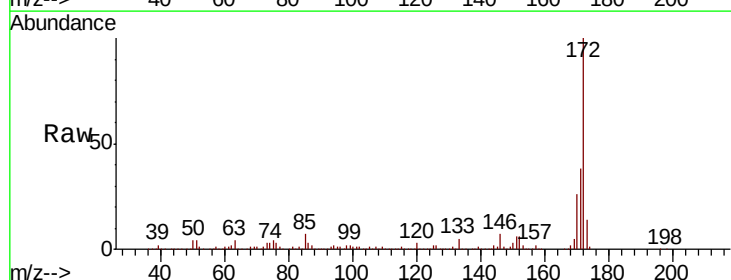
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.351 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.5	20.2	30.4

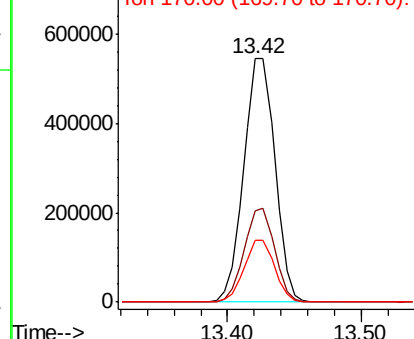
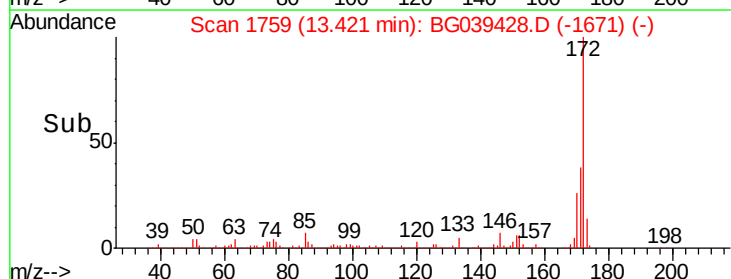


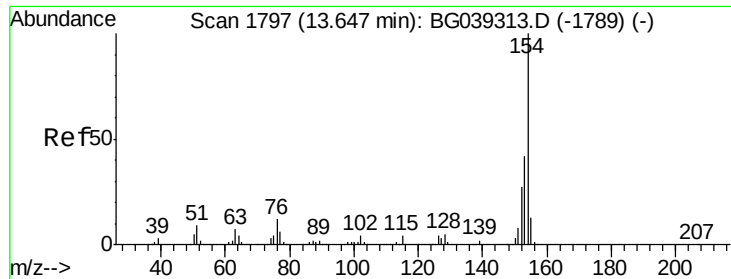
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

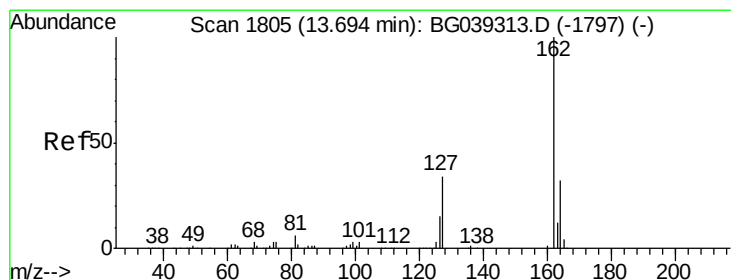
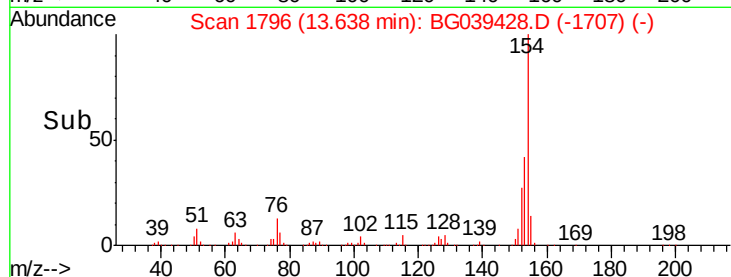
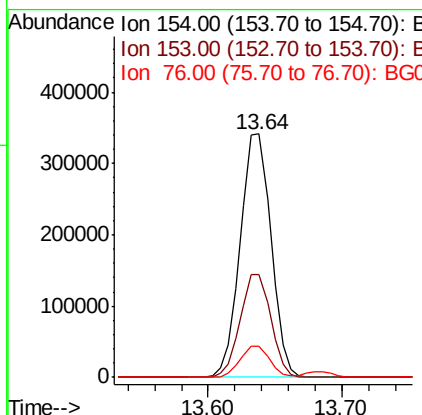
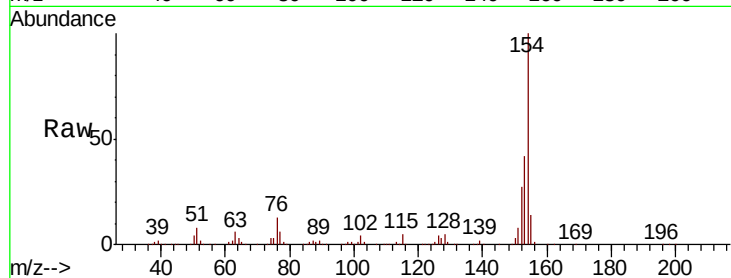




#46
 1,1'-Biphenyl
 Concen: 42.767 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

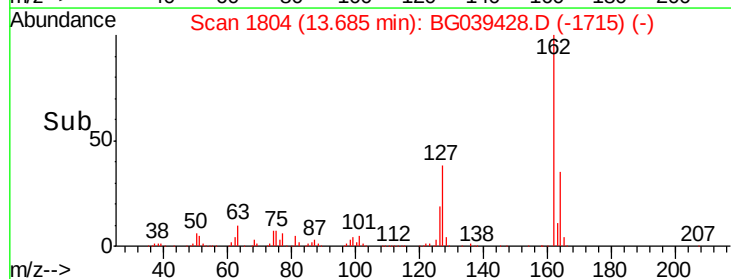
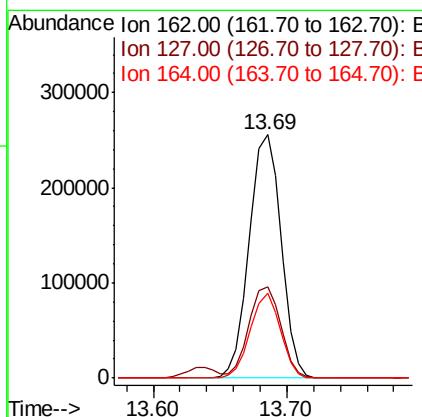
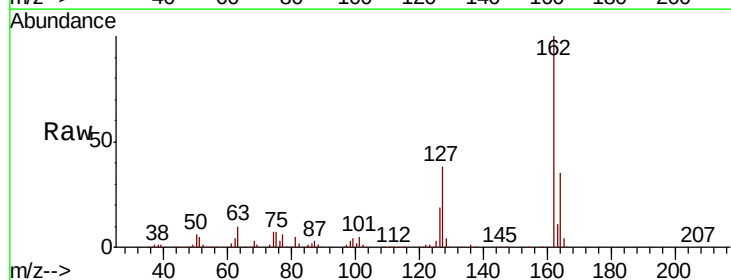
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

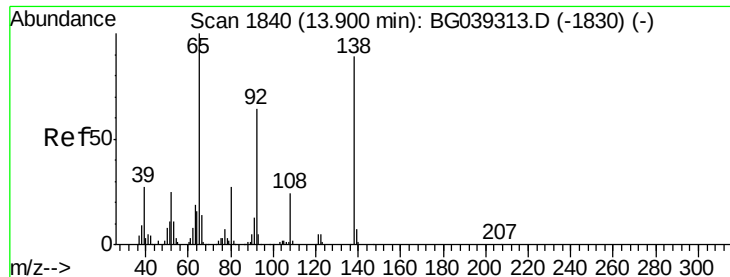
Tgt Ion:	154	Resp:	544595
Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	12.6	0.0	32.4



#47
 2-Chloronaphthalene
 Concen: 43.939 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:	162	Resp:	420915
Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.0	46.6
164	35.0	25.7	38.5





#48

2-Nitroaniline

Concen: 50.656 ng

RT: 13.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

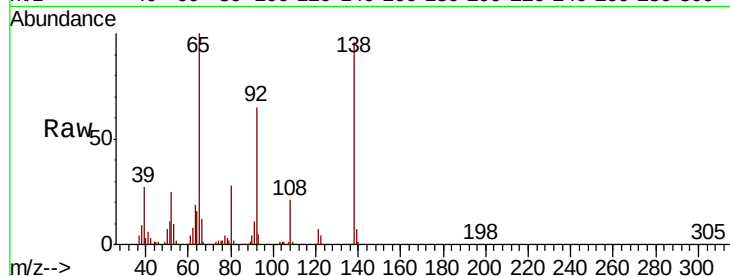
Tgt Ion: 65 Resp: 140927

Ion Ratio Lower Upper

65 100

92 64.8 51.4 77.2

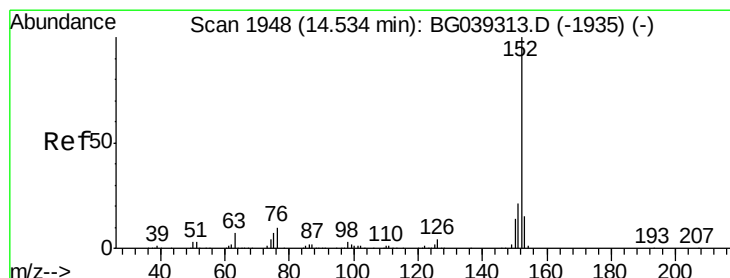
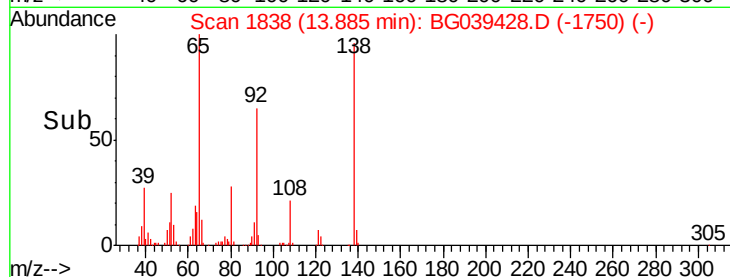
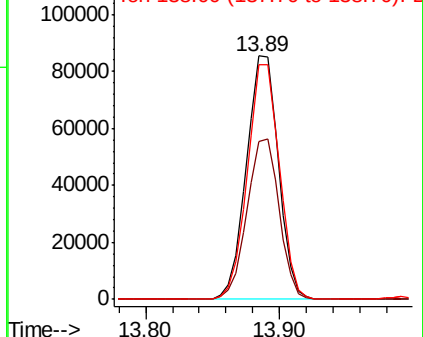
138 96.4 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BG039428.D (-1750) (-)

Ion 92.00 (91.70 to 92.70): BG039428.D (-1750) (-)

Ion 138.00 (137.70 to 138.70): BG039428.D (-1750) (-)



#49

Acenaphthylene

Concen: 46.467 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

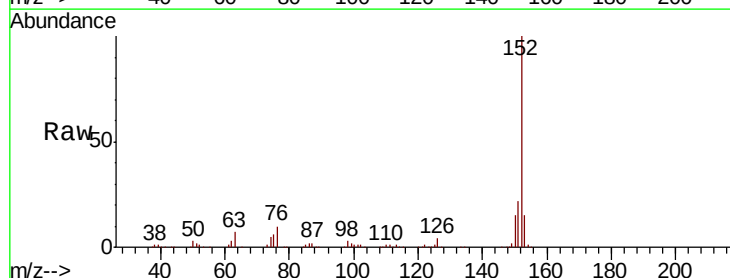
Tgt Ion: 152 Resp: 671682

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

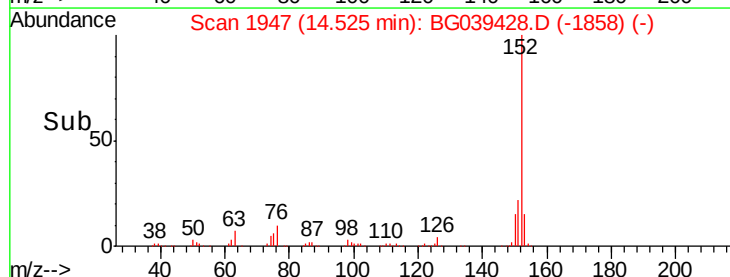
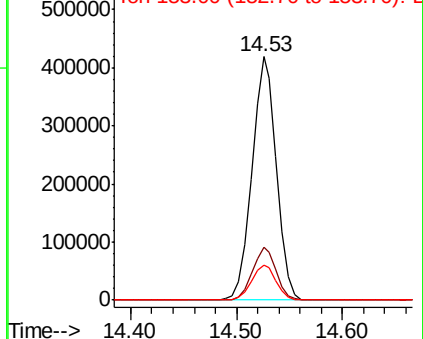
153 14.6 11.7 17.5

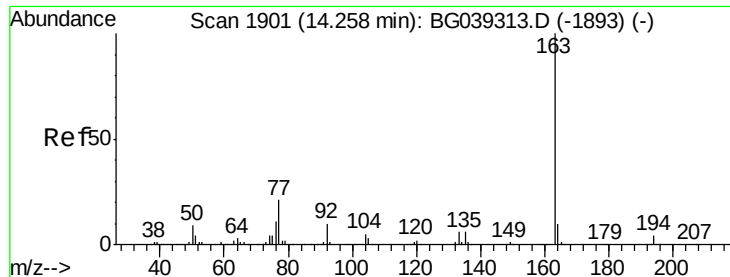


Abundance Ion 152.00 (151.70 to 152.70): BG039428.D (-1858) (-)

Ion 151.00 (150.70 to 151.70): BG039428.D (-1858) (-)

Ion 153.00 (152.70 to 153.70): BG039428.D (-1858) (-)

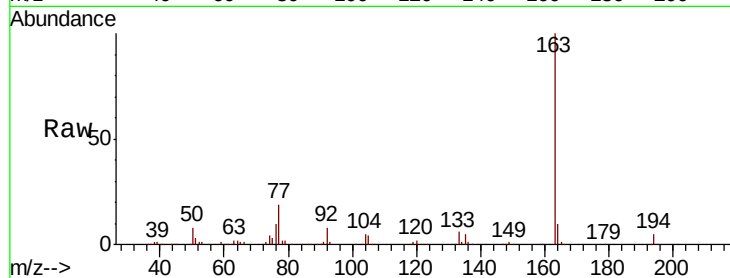




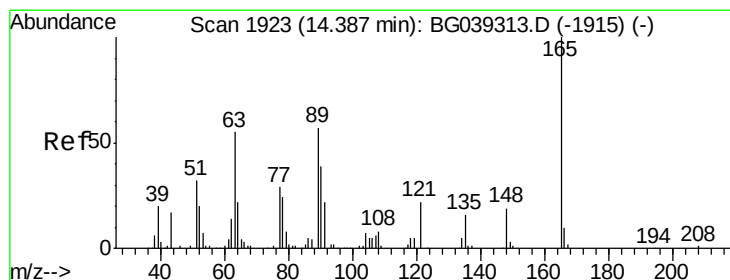
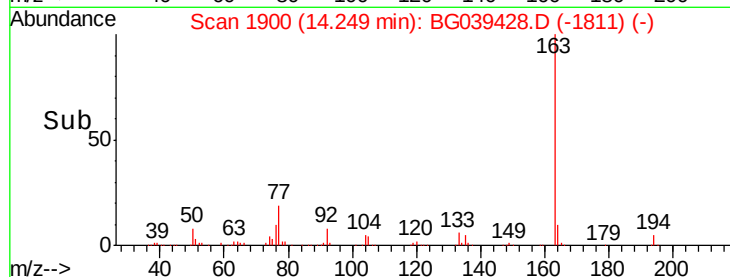
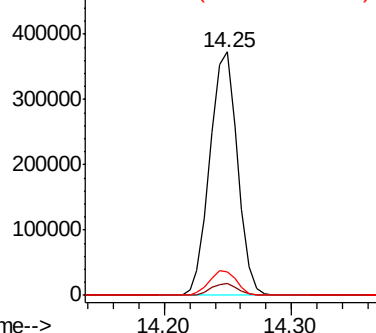
#50
Dimethylphthalate
Concen: 45.486 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Tgt Ion:163 Resp: 562249
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 9.6 8.4 12.6

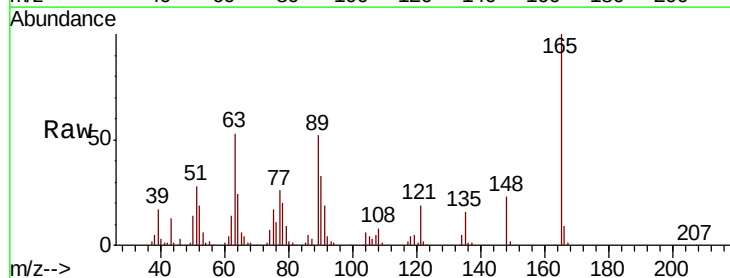


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

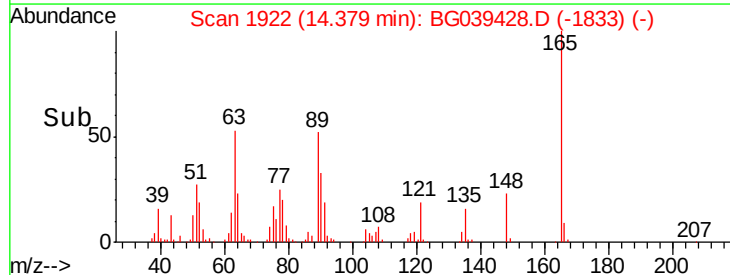
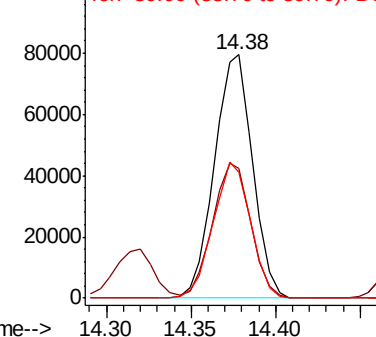


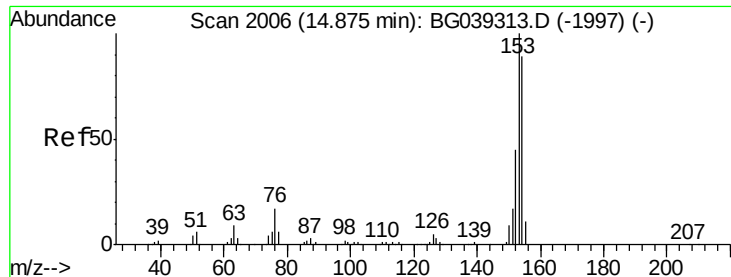
#51
2,6-Dinitrotoluene
Concen: 53.060 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:165 Resp: 124430
Ion Ratio Lower Upper
165 100
63 53.4 47.0 70.6
89 51.7 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: 44.587 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

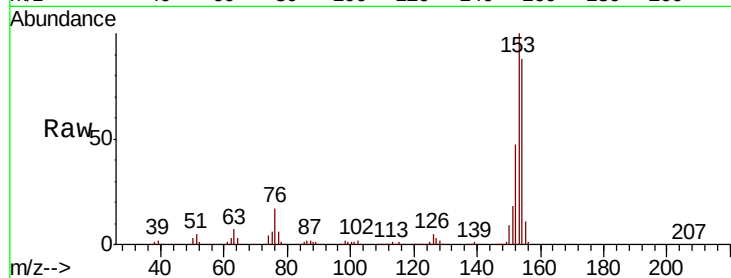
Tgt Ion:154 Resp: 418354

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

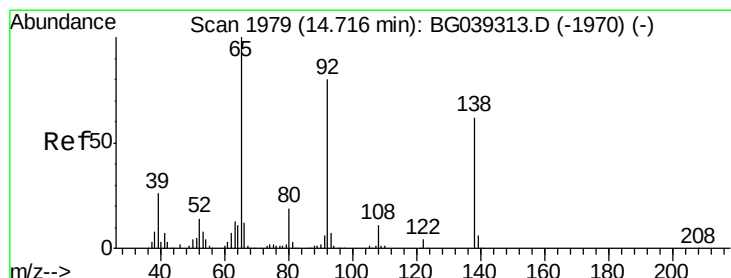
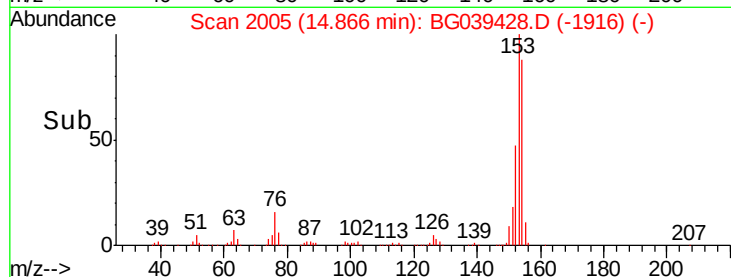
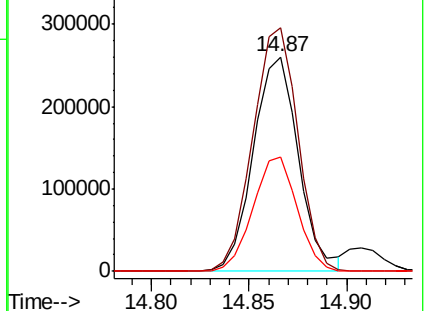
152 53.2 40.9 61.3



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: 11.779 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

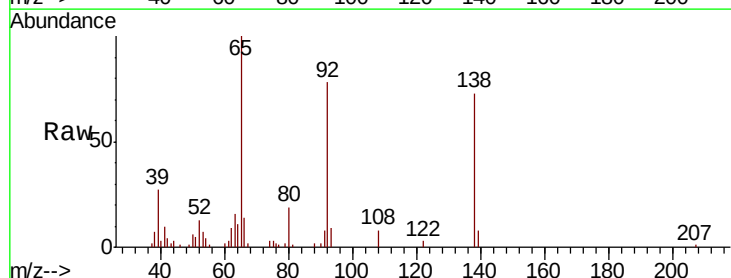
Tgt Ion:138 Resp: 16969

Ion Ratio Lower Upper

138 100

108 11.0 13.8 20.8#

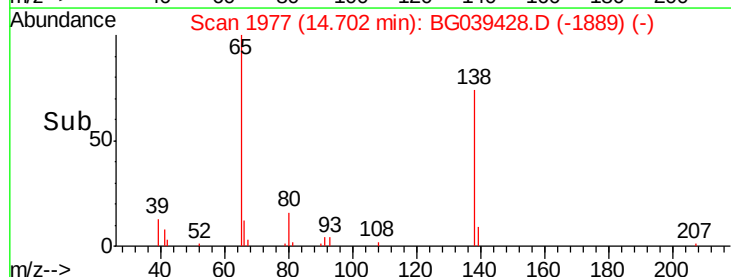
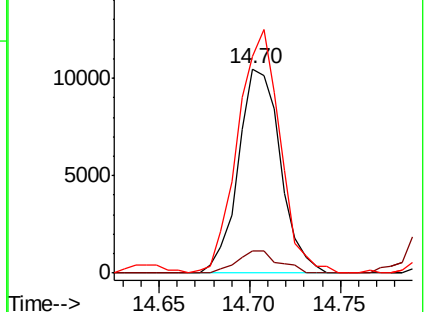
92 106.3 103.7 155.5

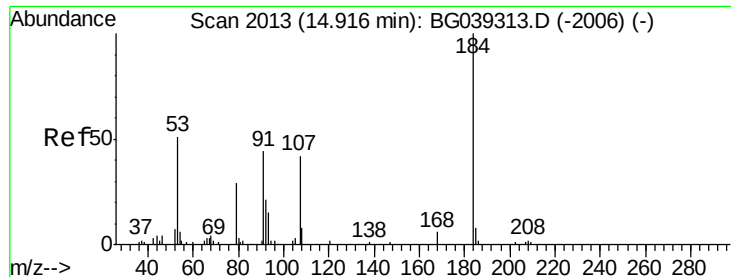


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

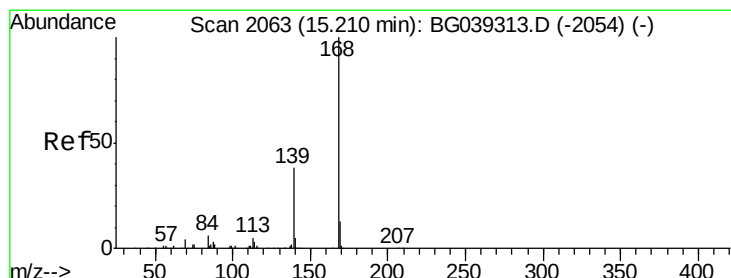
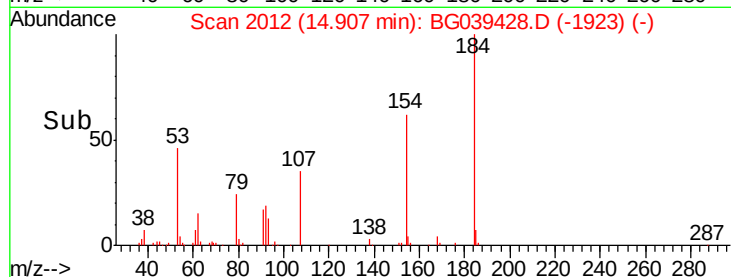
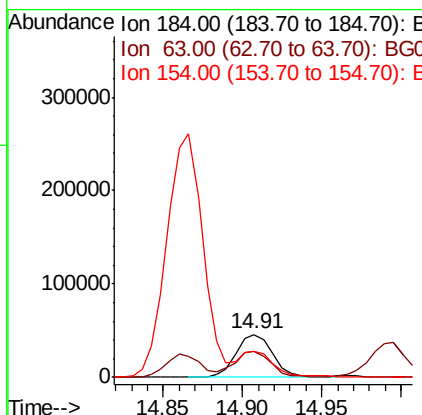
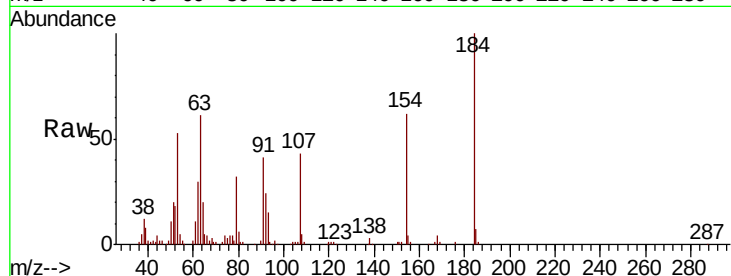




#54
2,4-Dinitrophenol
Concen: 75.457 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

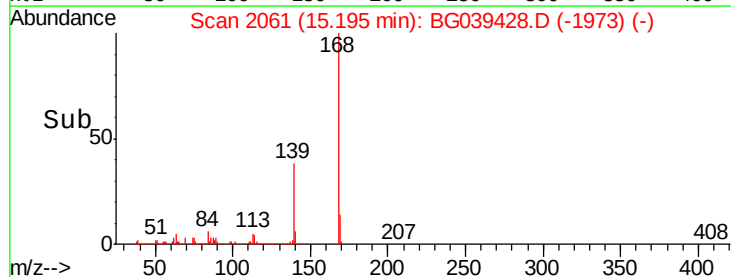
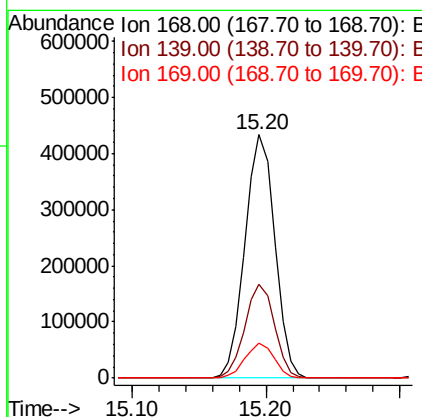
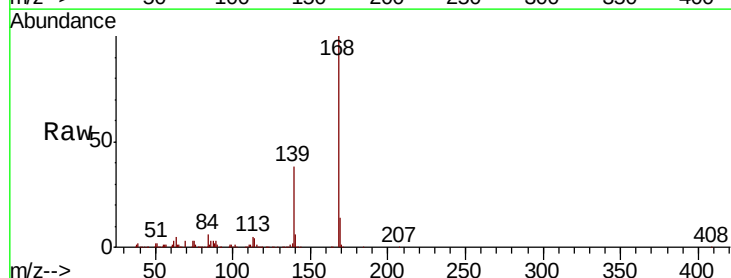
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

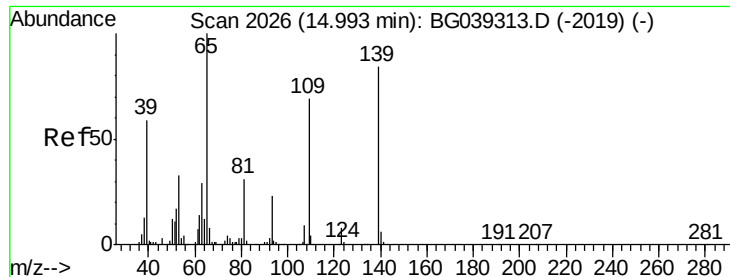
Tgt Ion:184 Resp: 74951
Ion Ratio Lower Upper
184 100
63 61.5 50.9 76.3
154 62.1 53.0 79.6



#55
Dibenzofuran
Concen: 44.344 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:168 Resp: 667104
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 14.4 10.6 16.0





#56

4-Nitrophenol

Concen: 84.684 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

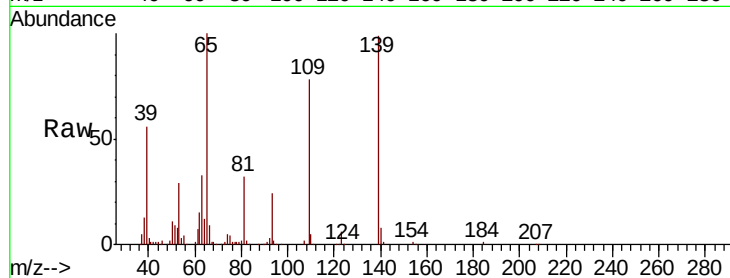
Tgt Ion:139 Resp: 190084

Ion Ratio Lower Upper

139 100

109 79.1 61.9 101.9

65 101.4 99.1 139.1

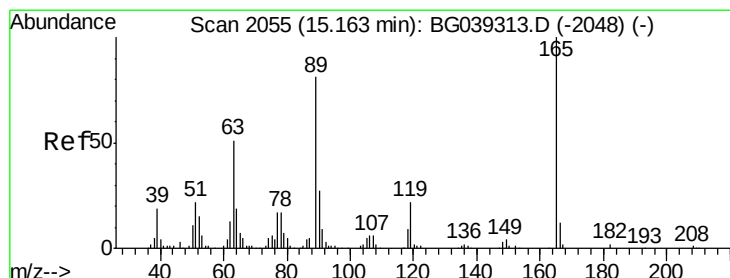
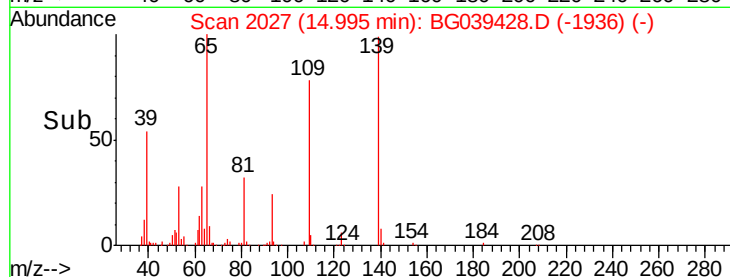
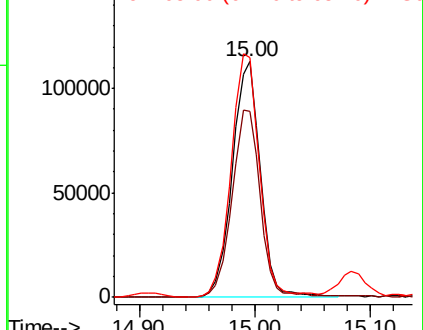


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 56.817 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Tgt Ion:165 Resp: 173215

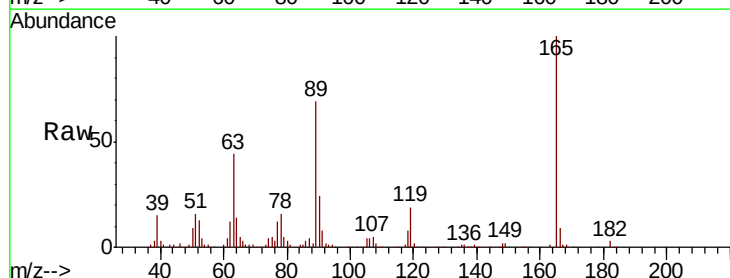
Ion Ratio Lower Upper

165 100

63 43.6 41.0 61.6

89 68.5 64.6 96.8

182 3.0 2.0 3.0#



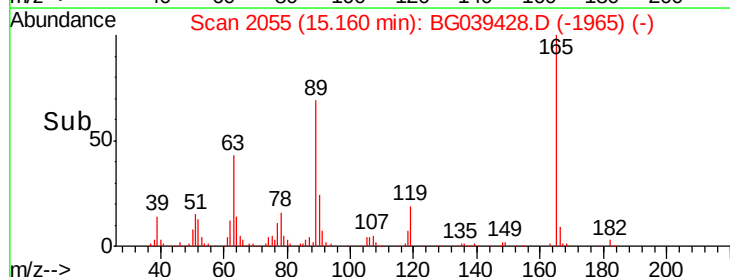
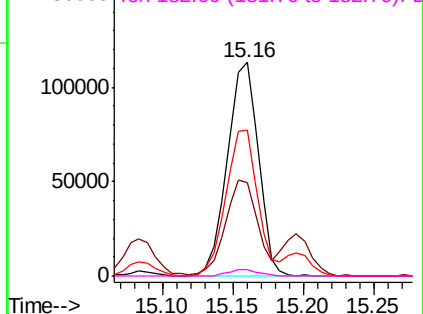
Abundance

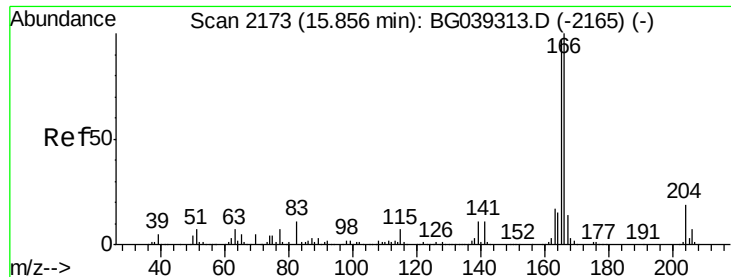
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

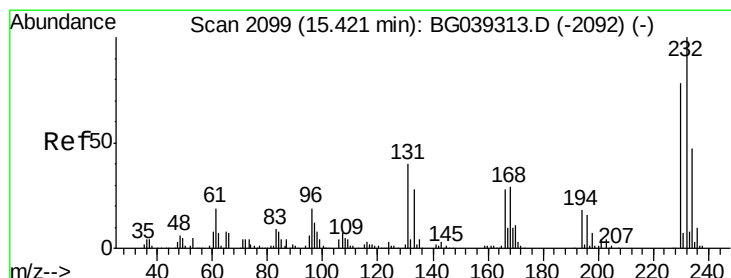
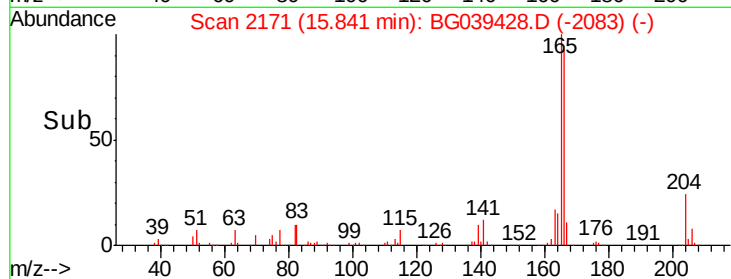
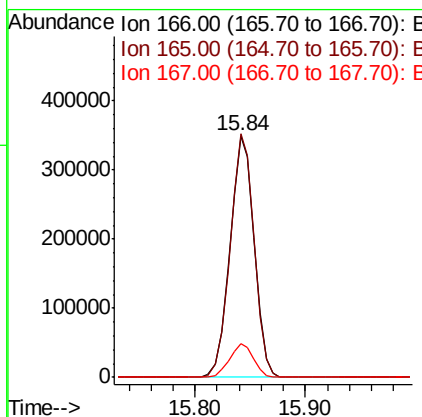
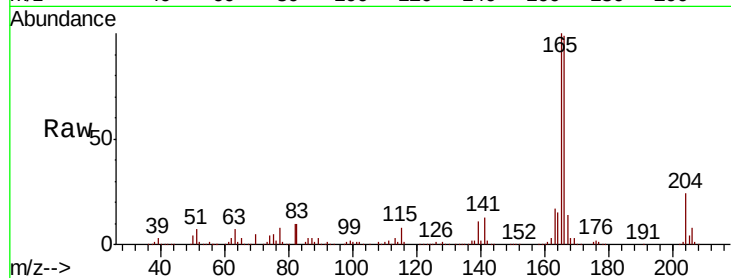




#58
 Fluorene
 Concen: 47.595 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

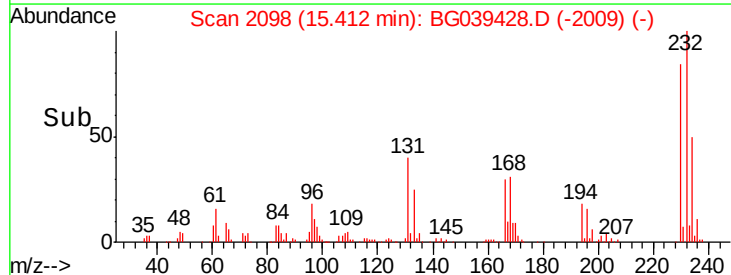
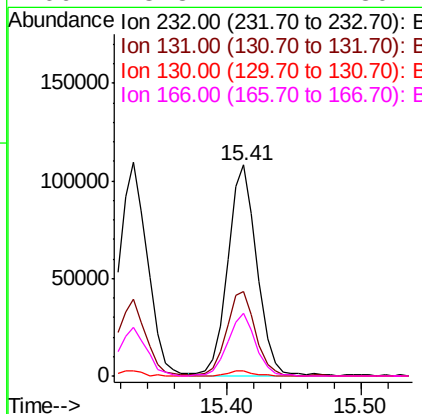
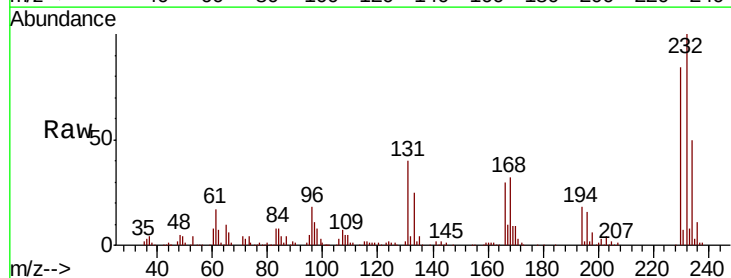
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

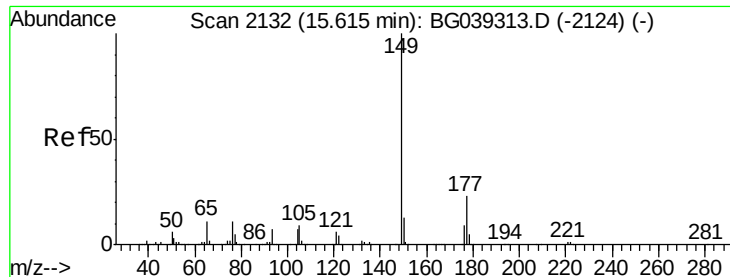
Tgt Ion:166 Resp: 533759
 Ion Ratio Lower Upper
 166 100
 165 100.8 77.9 116.9
 167 14.1 10.8 16.2



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.635 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:232 Resp: 163467
 Ion Ratio Lower Upper
 232 100
 131 39.9 34.9 52.3
 130 2.3 2.0 3.0
 166 28.8 24.1 36.1

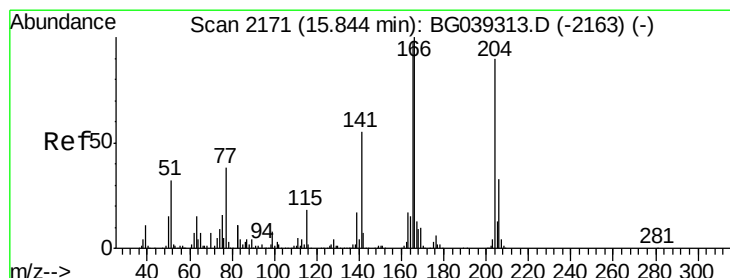
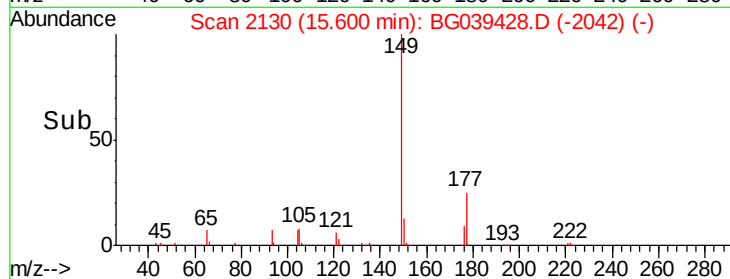
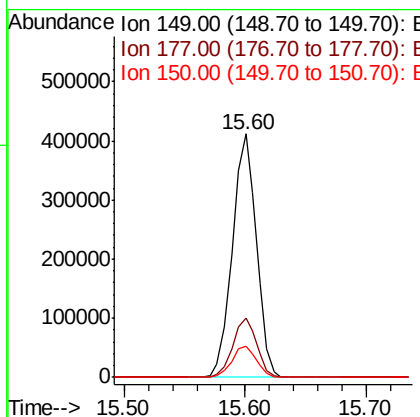
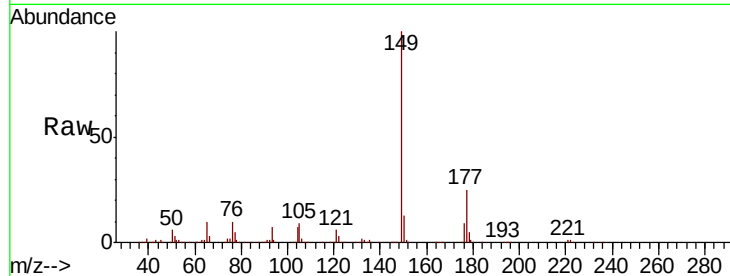




#60
Diethylphthalate
Concen: 44.415 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

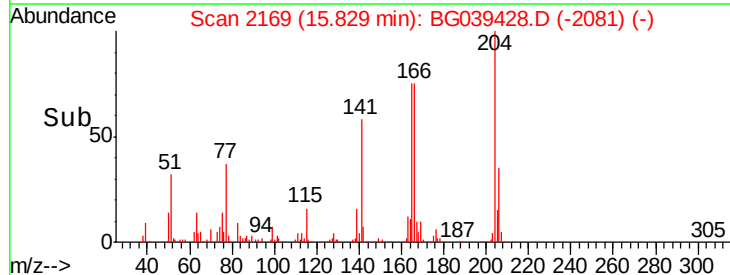
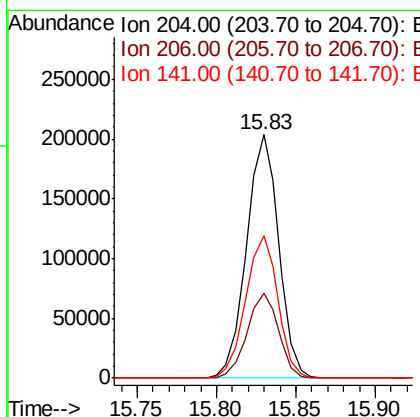
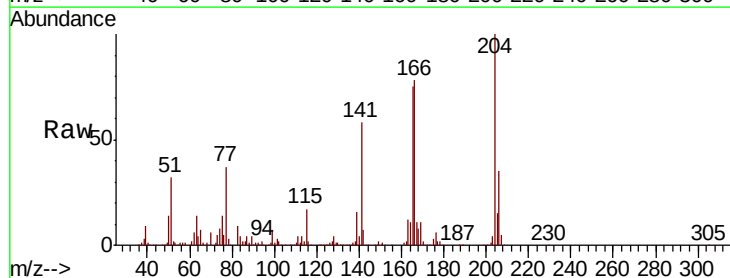
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

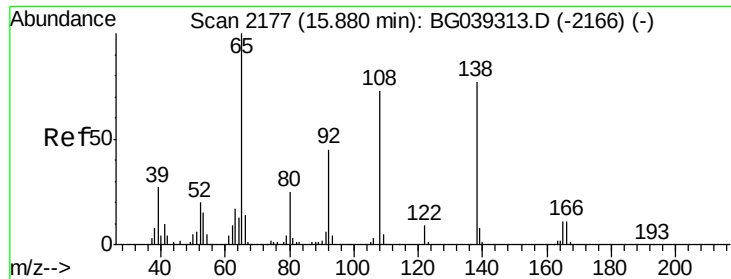
Tgt Ion:149 Resp: 567632
Ion Ratio Lower Upper
149 100
177 24.5 18.3 27.5
150 13.0 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 45.056 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:204 Resp: 286112
Ion Ratio Lower Upper
204 100
206 34.7 29.2 43.8
141 58.3 49.0 73.4

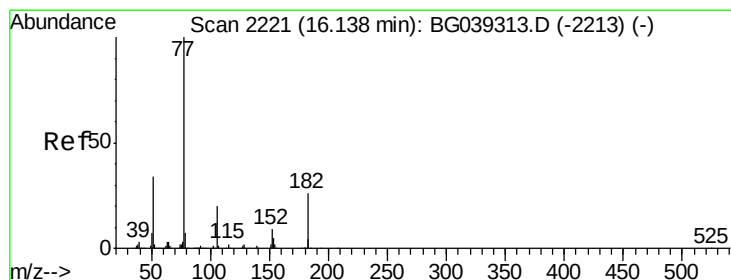
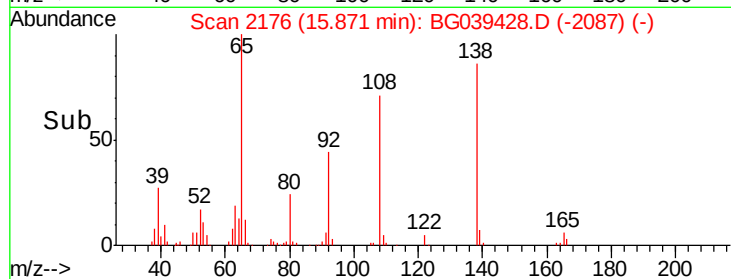
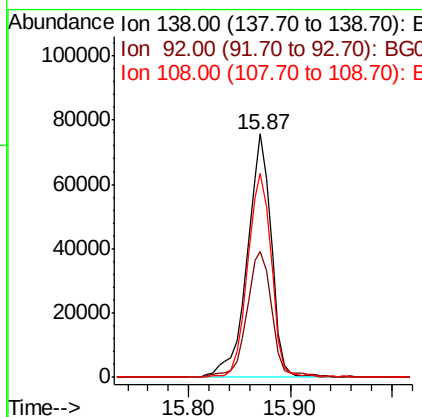
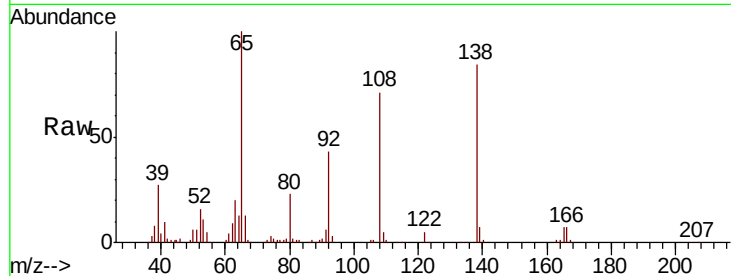




#62
 4-Nitroaniline
 Concen: 47.786 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

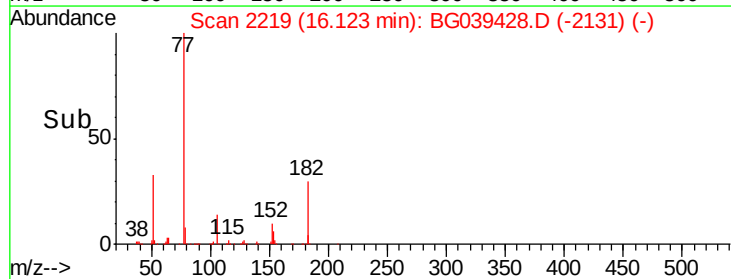
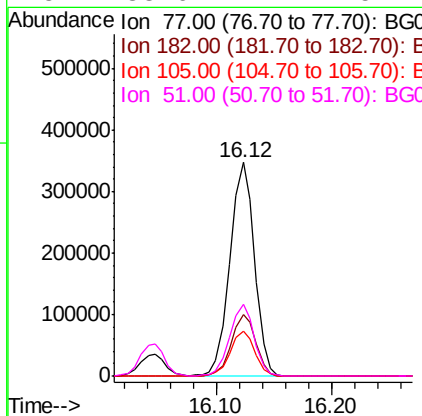
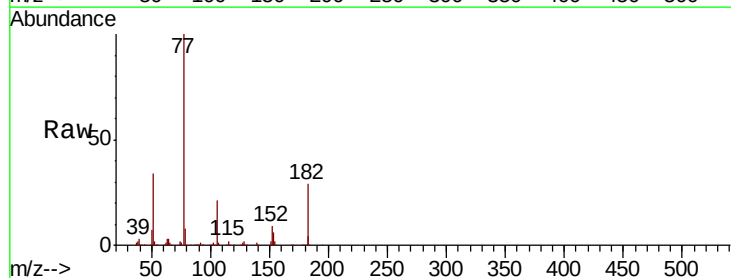
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

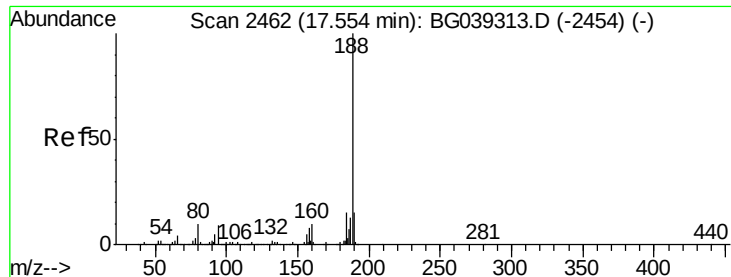
Tgt Ion:	138	Resp:	123811
Ion	Ratio	Lower	Upper
138	100		
92	51.5	38.7	78.7
108	83.7	74.6	114.6



#63
 Azobenzene
 Concen: 40.760 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:	77	Resp:	509159
Ion	Ratio	Lower	Upper
77	100		
182	28.8	6.4	46.4
105	20.9	0.0	39.8
51	33.6	14.1	54.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

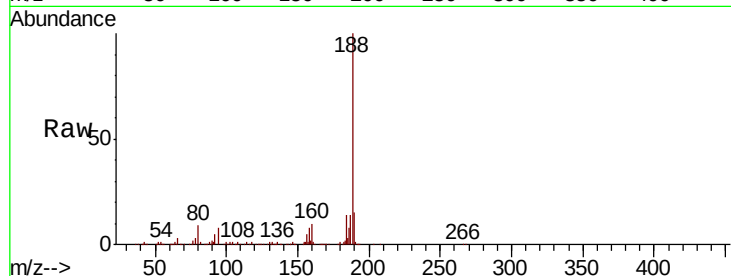
Tgt Ion:188 Resp: 369757

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

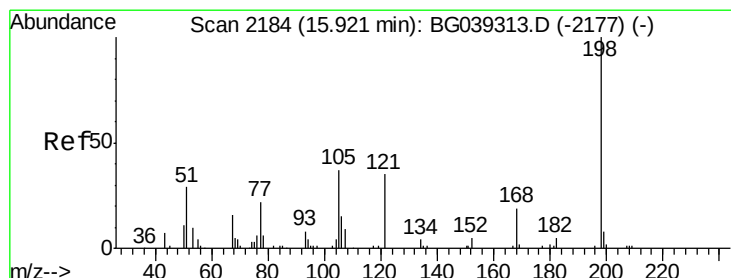
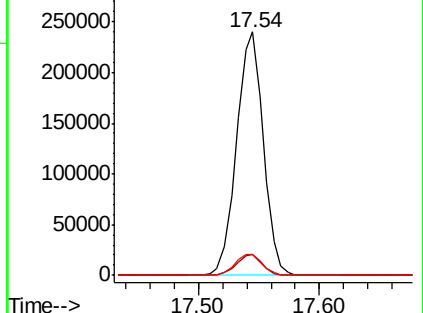
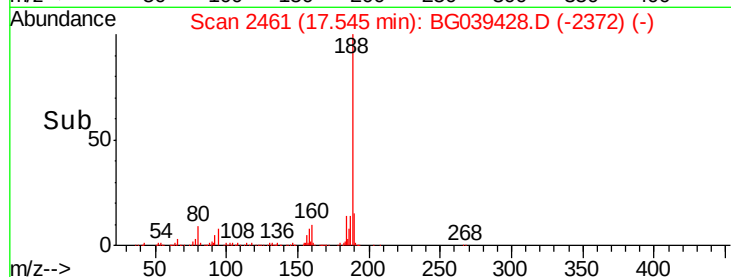
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 51.527 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

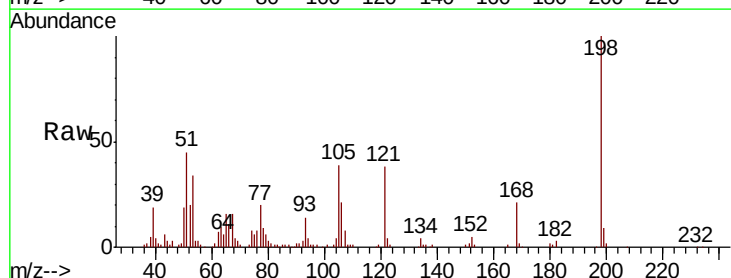
Tgt Ion:198 Resp: 77293

Ion Ratio Lower Upper

198 100

51 45.2 27.4 67.4

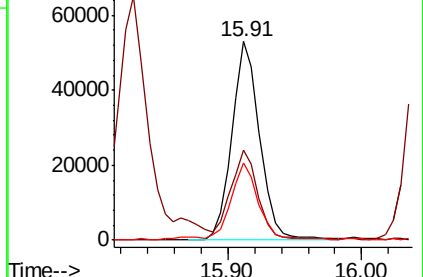
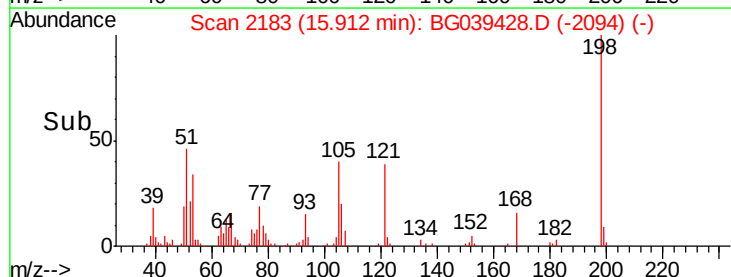
105 39.1 19.7 59.7

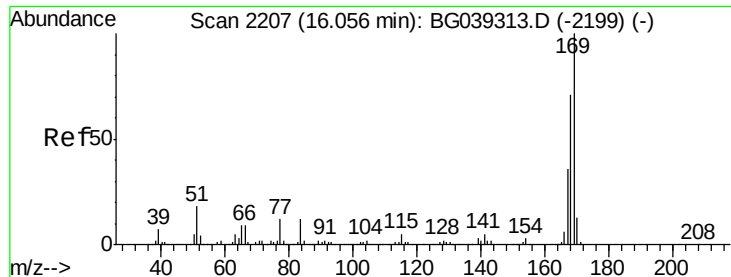


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

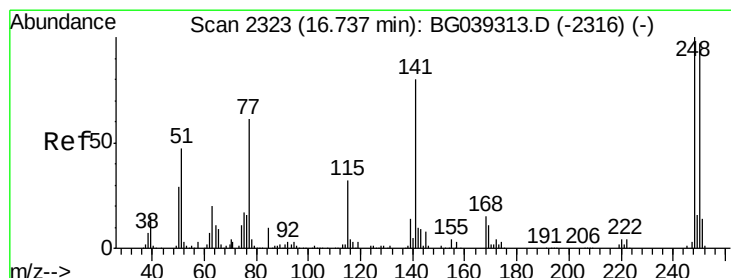
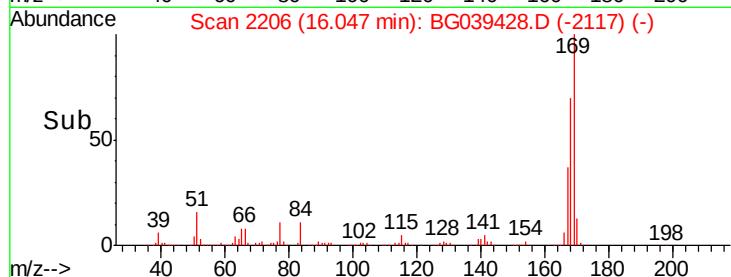
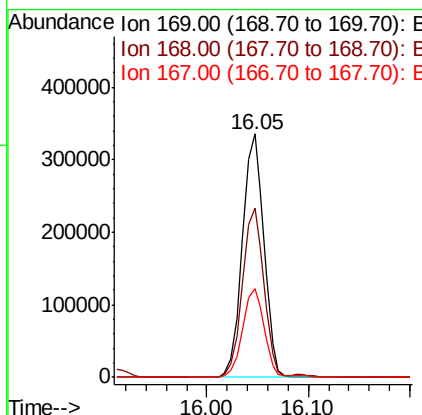
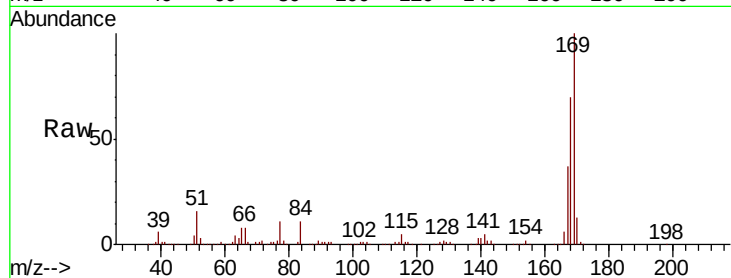




#66
 n-Nitrosodiphenylamine
 Concen: 43.933 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

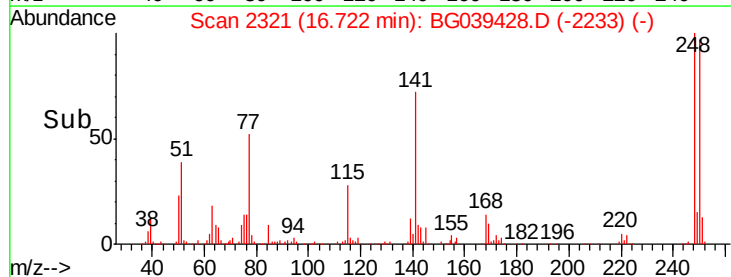
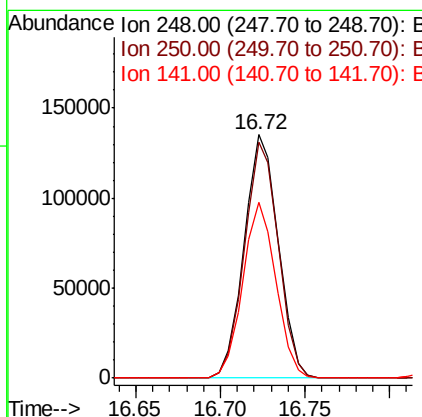
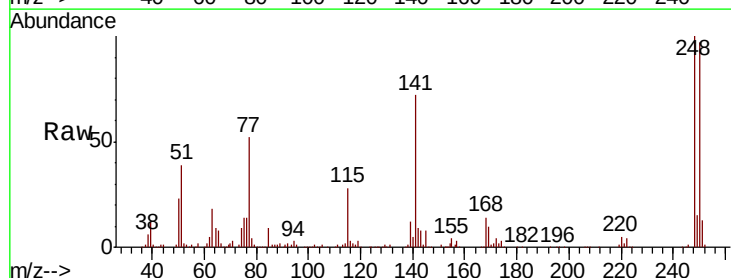
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

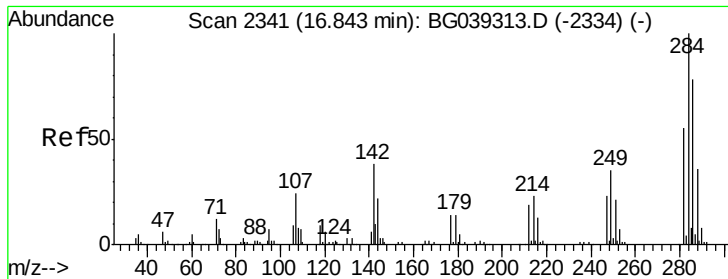
Tgt Ion:169 Resp: 493945
 Ion Ratio Lower Upper
 169 100
 168 69.8 56.6 85.0
 167 36.7 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 46.426 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:248 Resp: 190441
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.6 116.4
 141 72.4 63.9 95.9

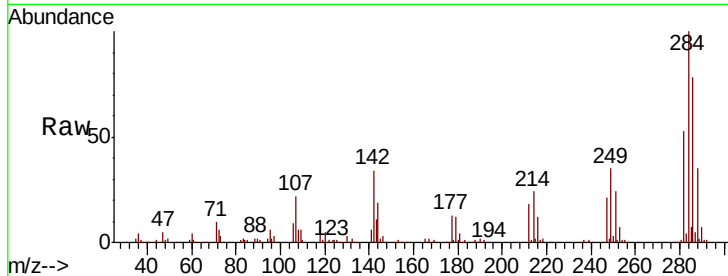




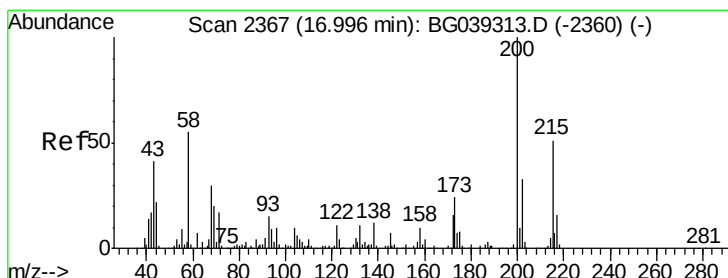
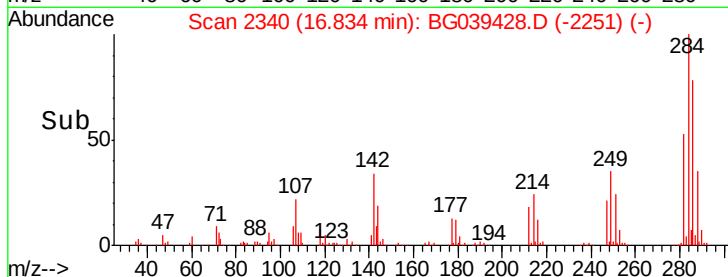
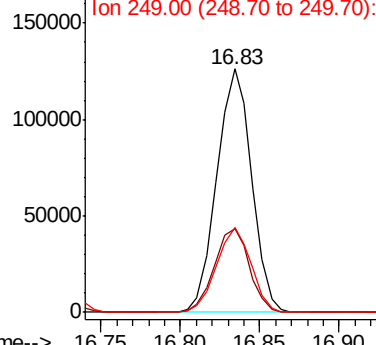
#68
Hexachlorobenzene
Concen: 46.596 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Tgt Ion:284 Resp: 191770
Ion Ratio Lower Upper
284 100
142 34.3 30.6 45.8
249 35.0 28.2 42.2

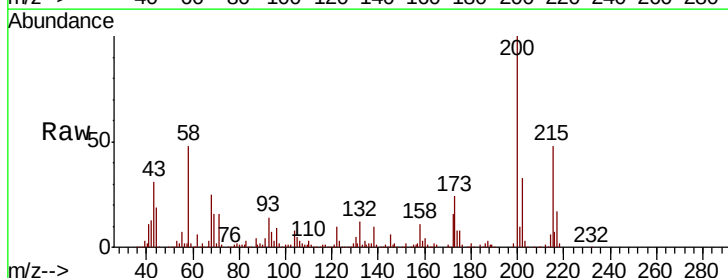


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

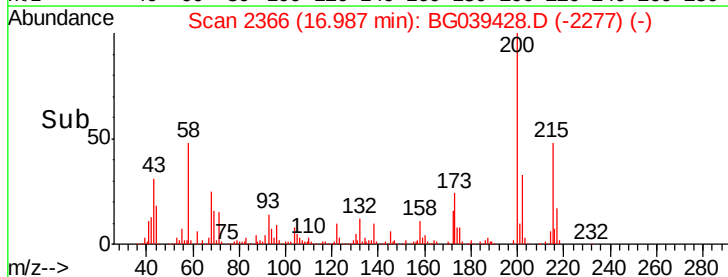
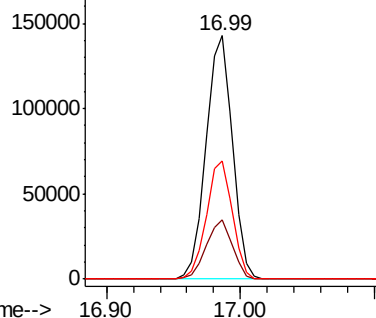


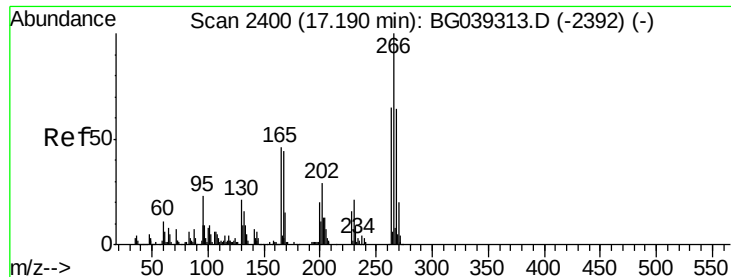
#69
Atrazine
Concen: 47.735 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:200 Resp: 196128
Ion Ratio Lower Upper
200 100
173 24.2 3.9 43.9
215 48.4 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: 81.363 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

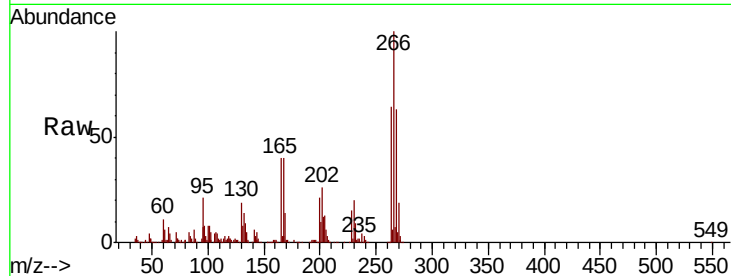
Tgt Ion:266 Resp: 232732

Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

264 63.6 52.1 78.1

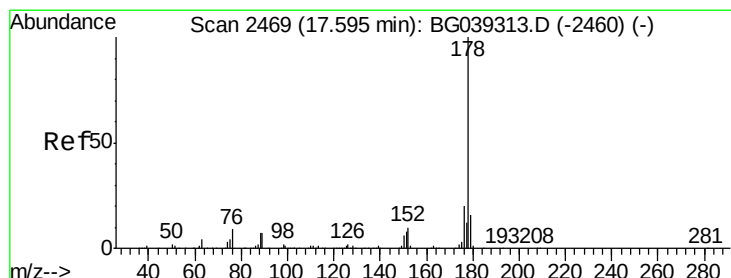
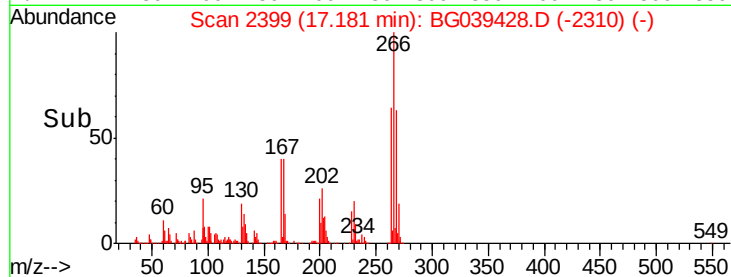
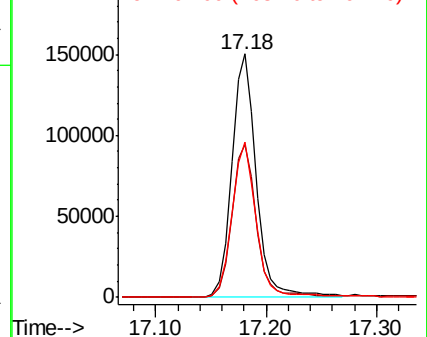


Abundance

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: 47.324 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

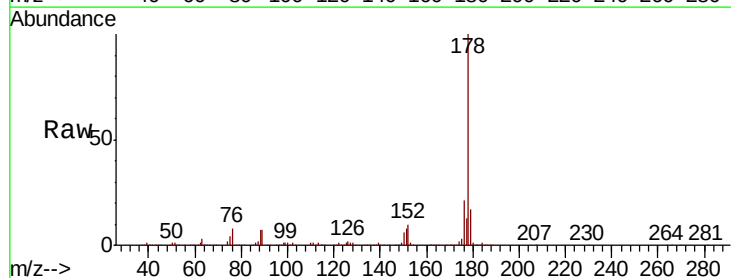
Tgt Ion:178 Resp: 905669

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.4

179 16.6 12.6 19.0

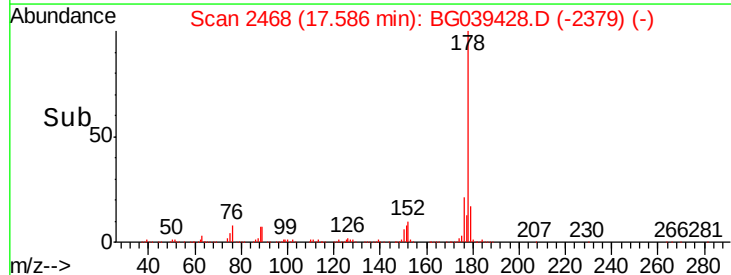
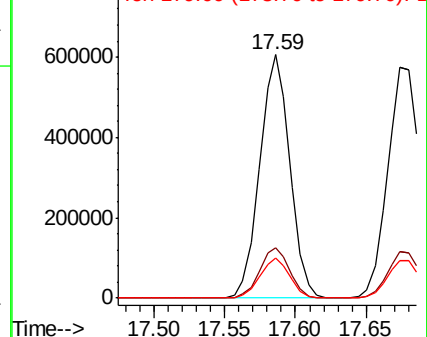


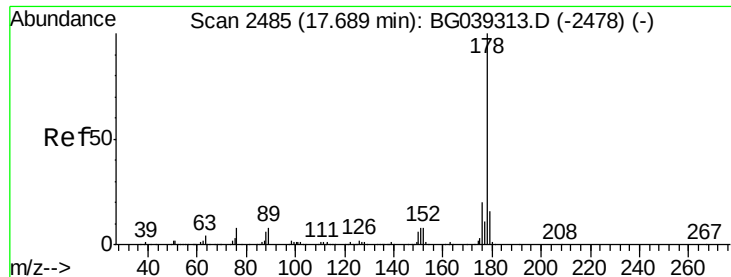
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 48.562 ng

RT: 17.67 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

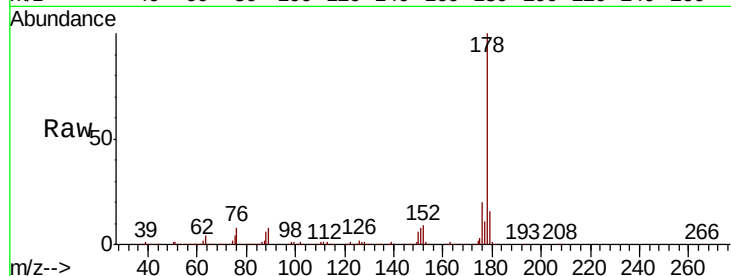
Tgt Ion:178 Resp: 915426

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

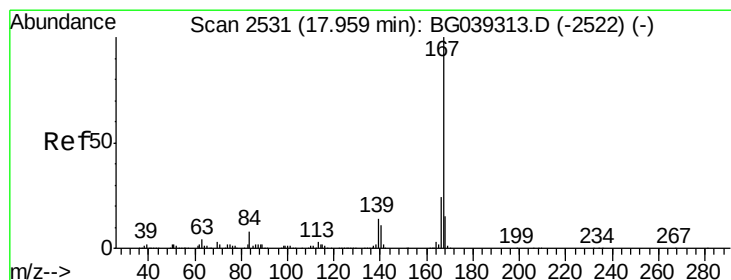
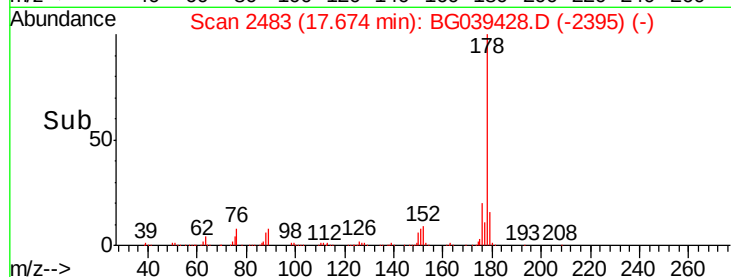
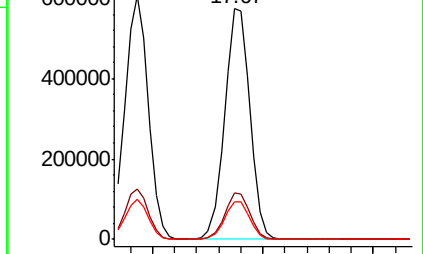
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 43.624 ng

RT: 17.94 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

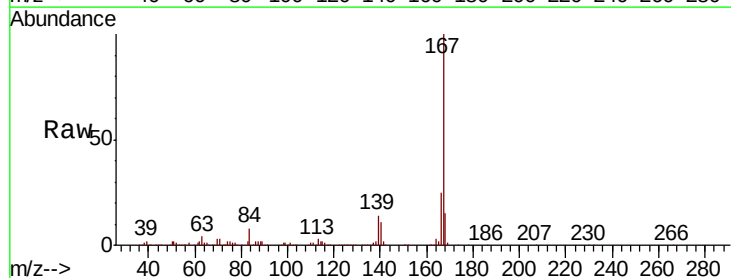
Tgt Ion:167 Resp: 820681

Ion Ratio Lower Upper

167 100

166 24.6 19.4 29.2

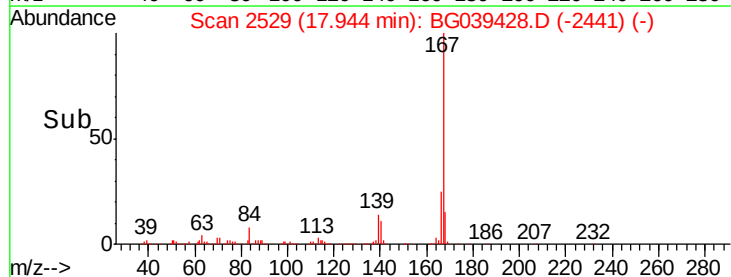
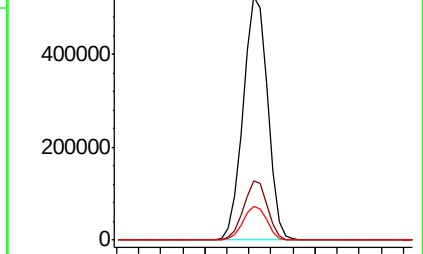
139 13.6 10.8 16.2

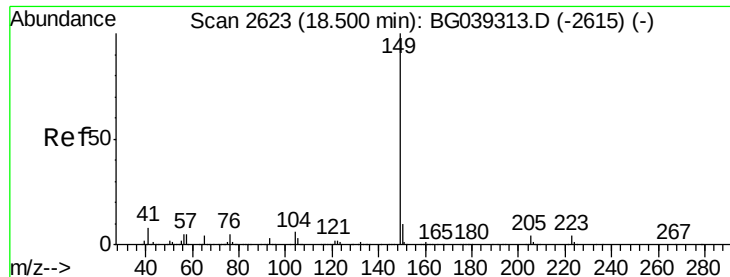


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

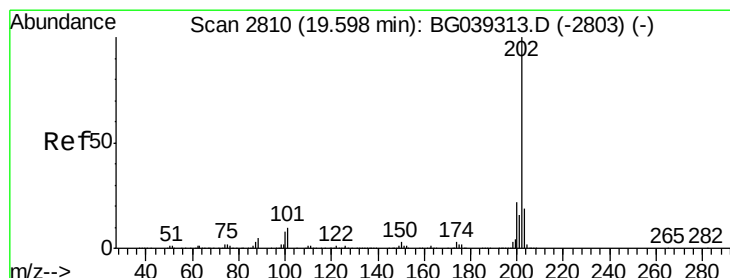
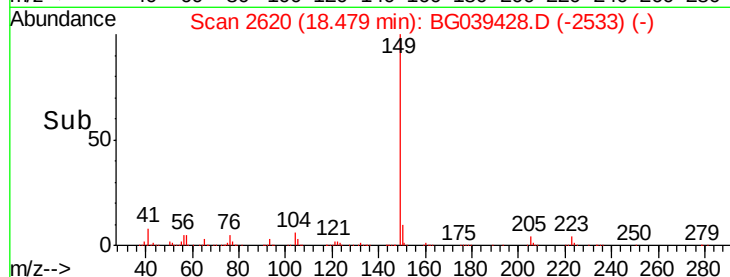
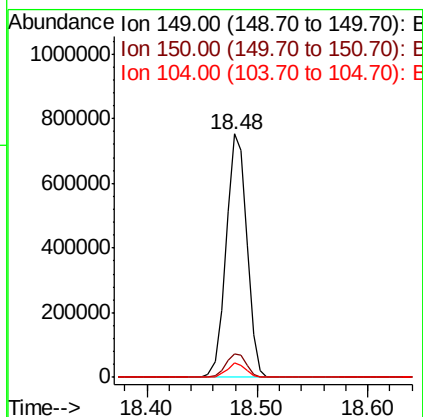
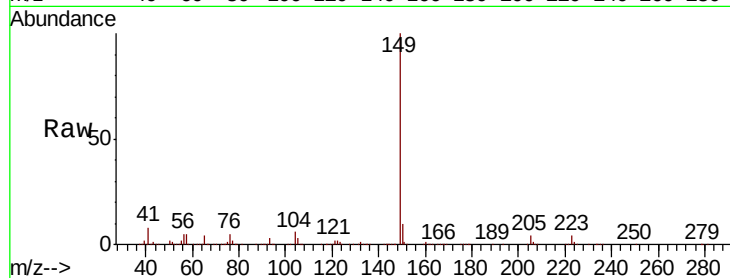




#74
Di-n-butylphthalate
Concen: 45.006 ng
RT: 18.48 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

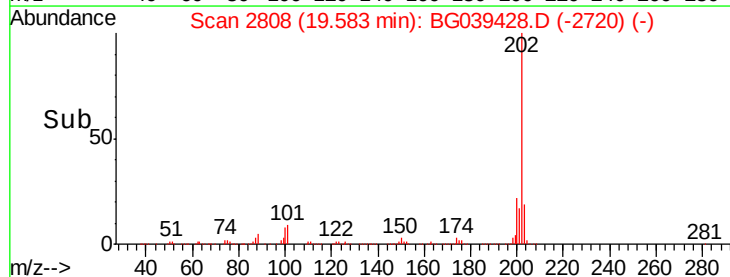
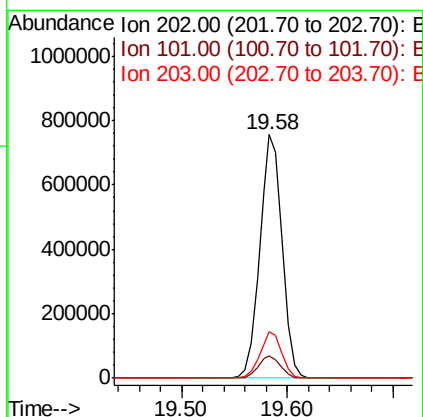
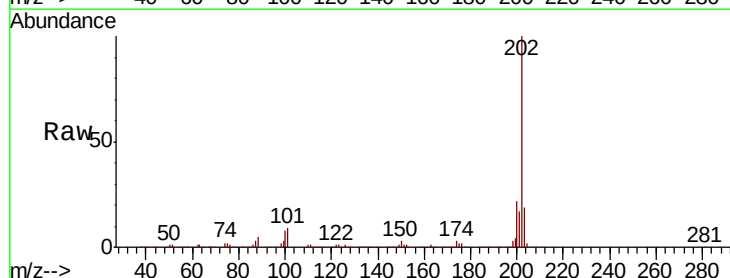
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

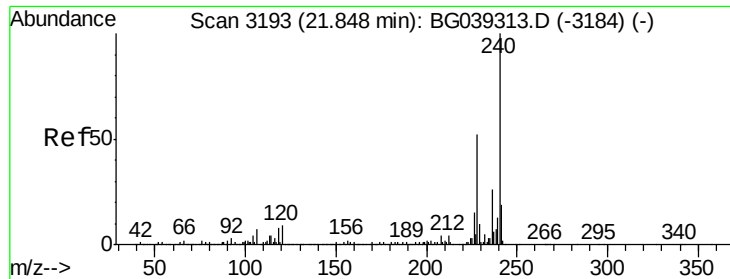
Tgt Ion:149 Resp: 987754
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 5.7 4.5 6.7



#75
Fluoranthene
Concen: 49.951 ng
RT: 19.58 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:202 Resp: 1109546
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.0
203 19.2 0.0 38.9

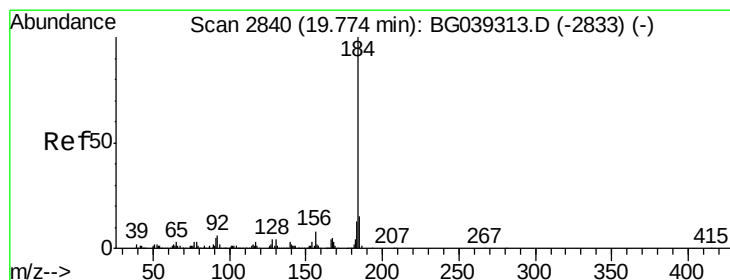
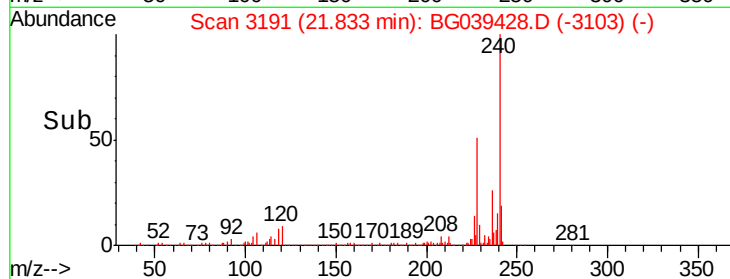
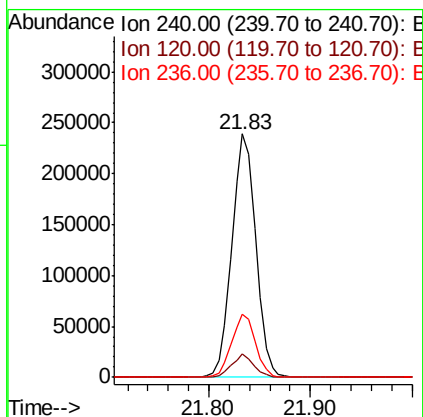
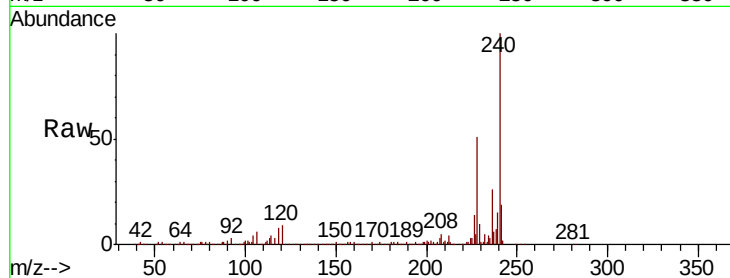




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

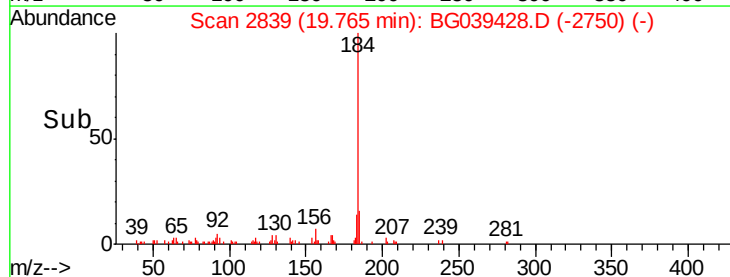
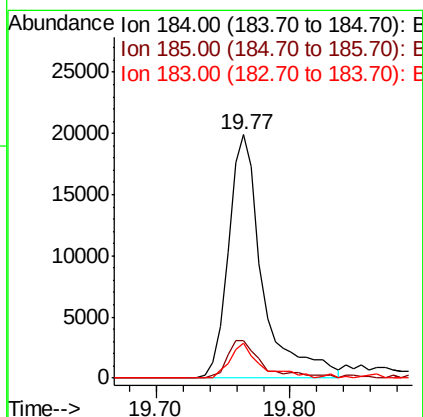
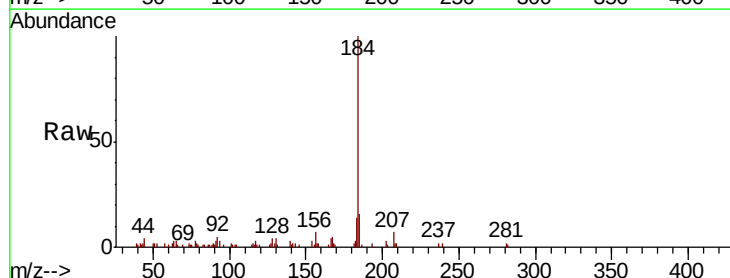
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

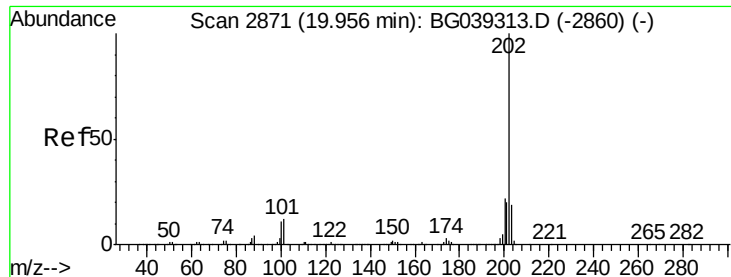
Tgt Ion:240 Resp: 391170
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 26.0 21.0 31.4



#77
Benzidine
Concen: 2.769 ng
RT: 19.77 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:184 Resp: 35506
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 14.4 10.6 15.8



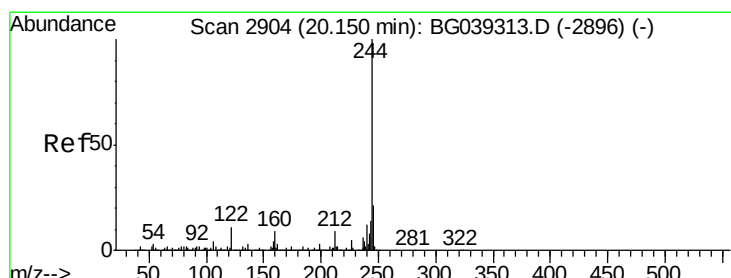
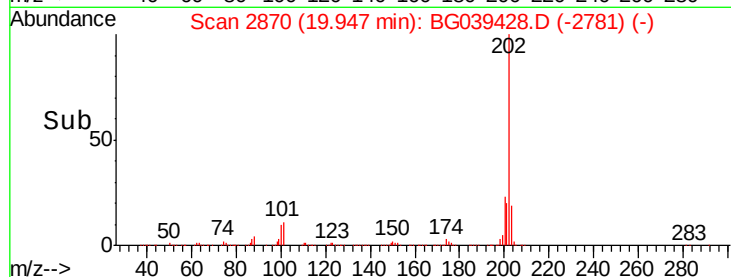
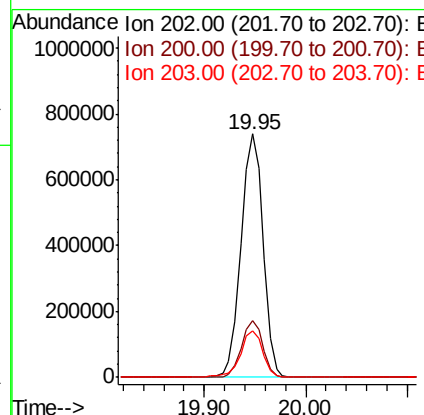
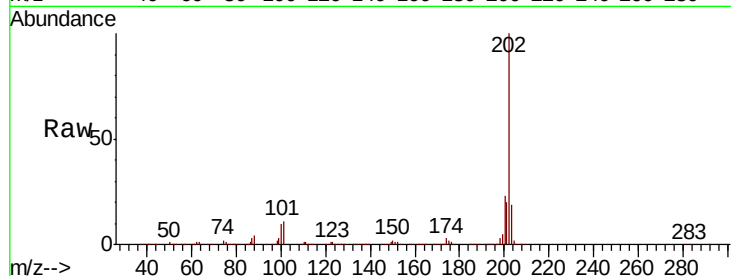


#78
 Pyrene
 Concen: 45.839 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

Tgt Ion: 202 Resp: 1116244

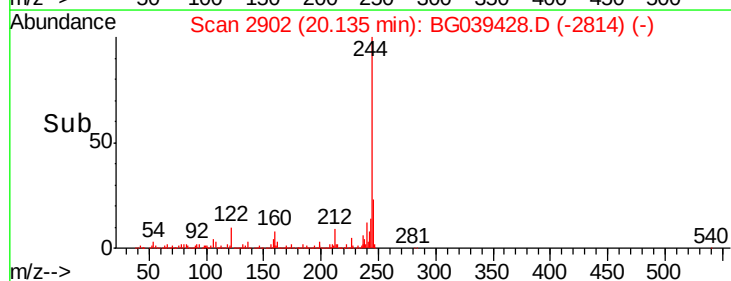
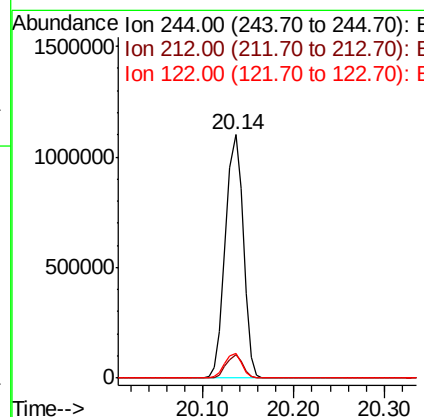
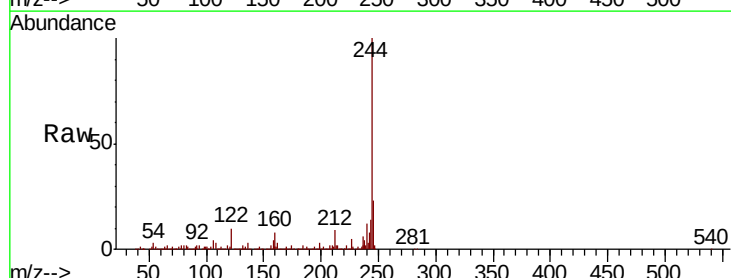
Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.8	26.8
203	18.9	15.3	22.9

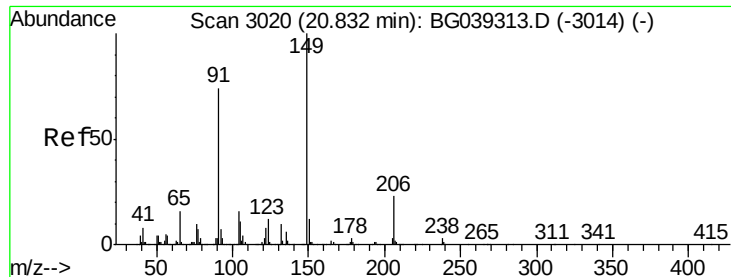


#79
 Terphenyl-d14
 Concen: 81.323 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion: 244 Resp: 1502870

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.0	8.4	12.6

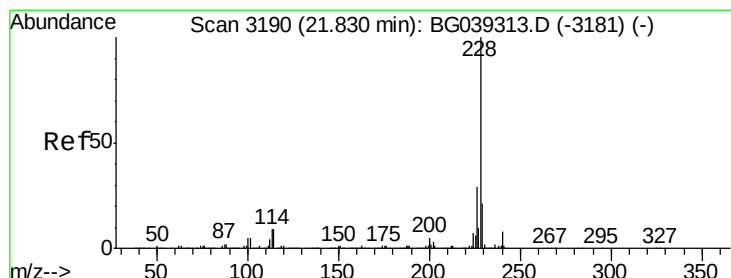
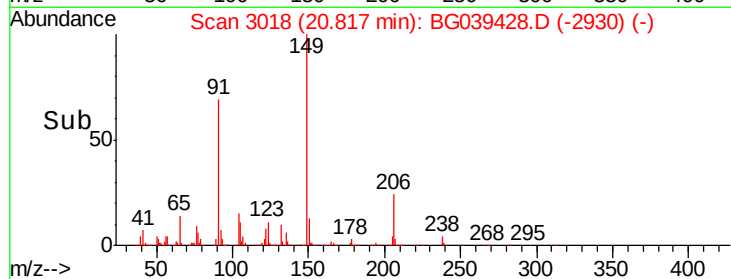
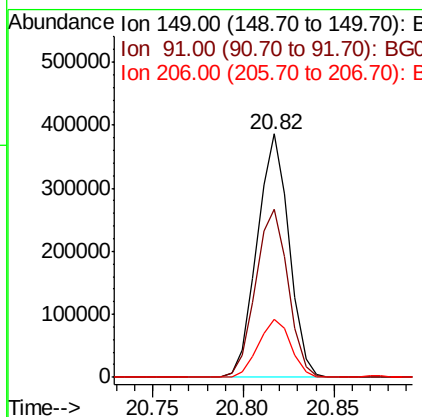
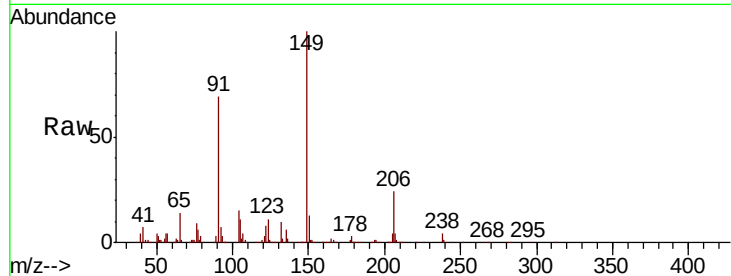




#80
Butylbenzylphthalate
Concen: 46.450 ng
RT: 20.82 min Scan# 3018
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

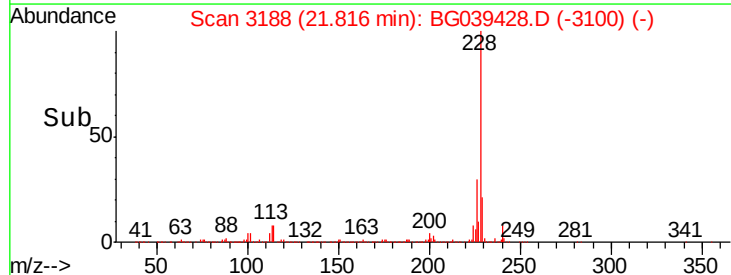
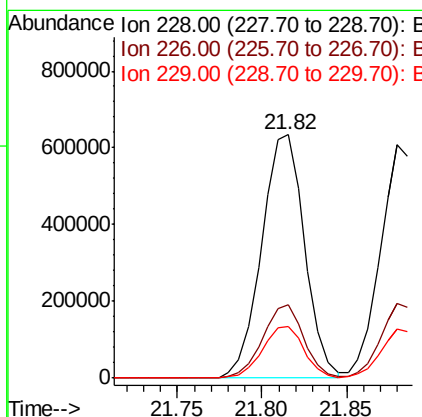
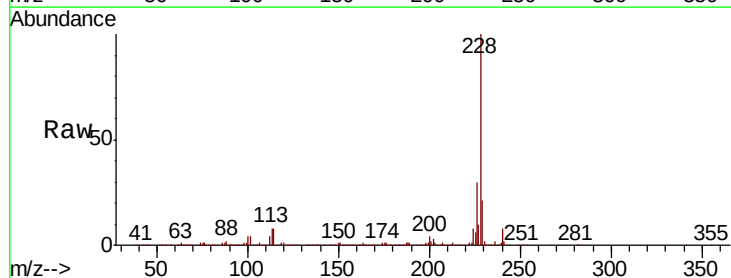
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

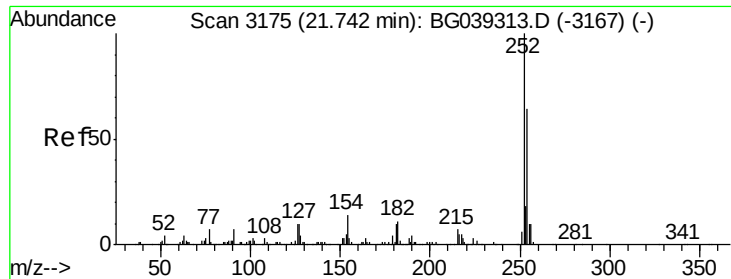
Tgt Ion:149 Resp: 477152
Ion Ratio Lower Upper
149 100
91 69.2 59.5 89.3
206 24.0 18.6 27.8



#81
Benzo(a)anthracene
Concen: 48.397 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:228 Resp: 1118656
Ion Ratio Lower Upper
228 100
226 30.2 23.0 34.6
229 21.4 16.9 25.3

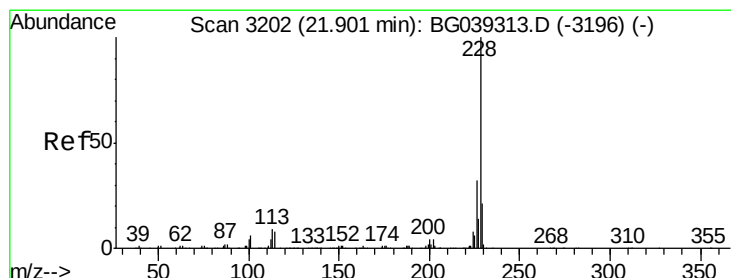
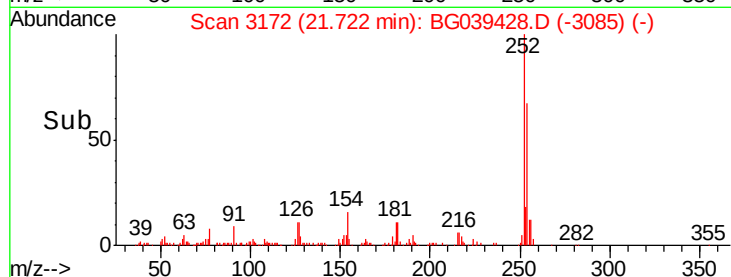
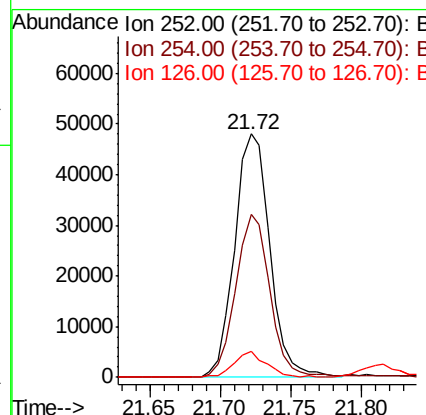
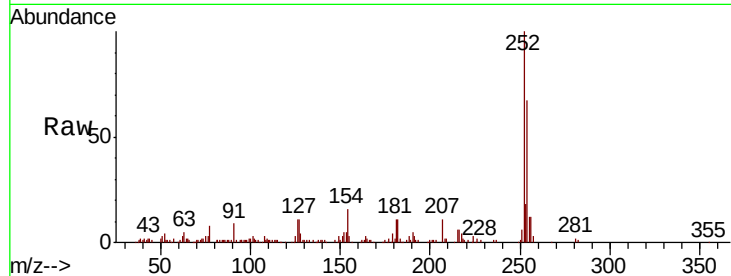




#82
 3,3'-Dichlorobenzidine
 Concen: 9.778 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.02 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

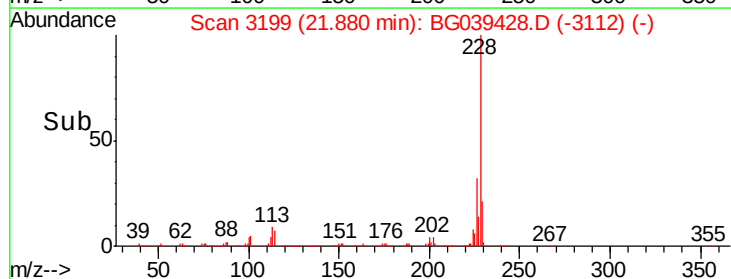
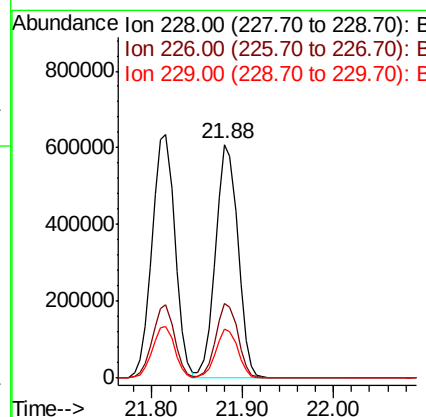
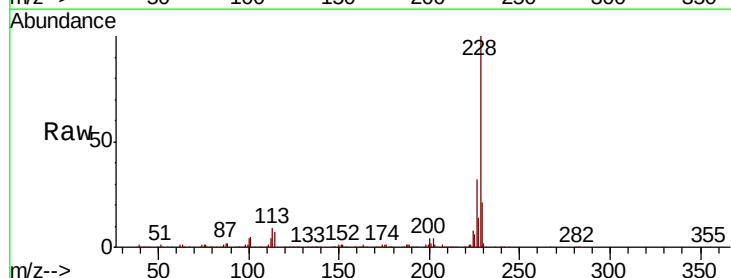
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

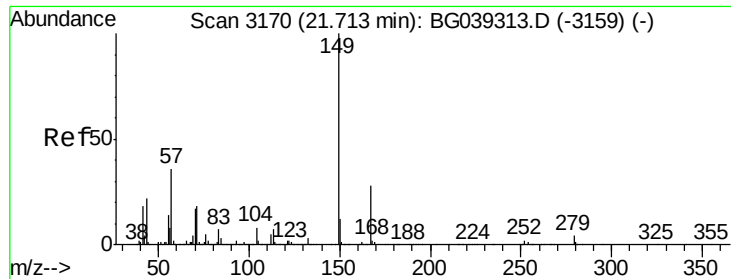
Tgt Ion:252 Resp: 83805
 Ion Ratio Lower Upper
 252 100
 254 66.8 51.3 76.9
 126 10.7 8.0 12.0



#83
 Chrysene
 Concen: 47.587 ng
 RT: 21.88 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:228 Resp: 1047071
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.8 38.6
 229 21.0 16.6 25.0

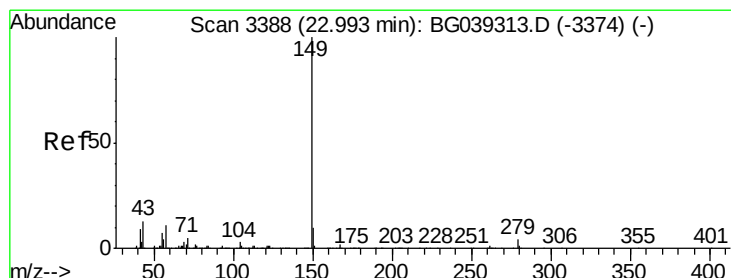
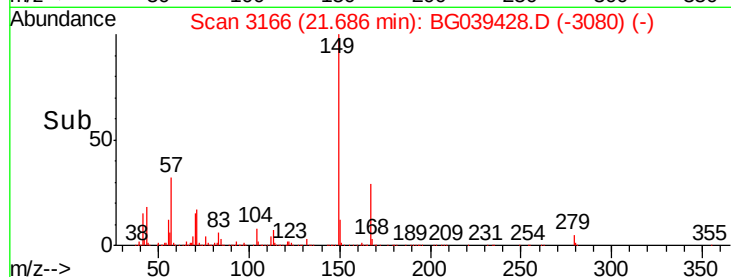
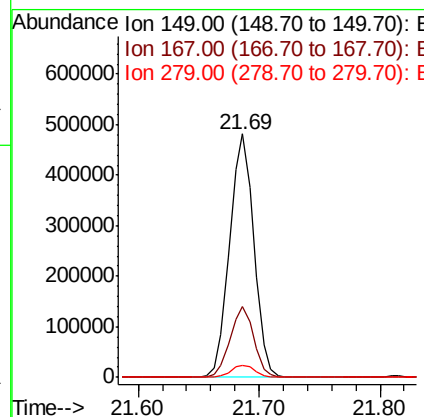
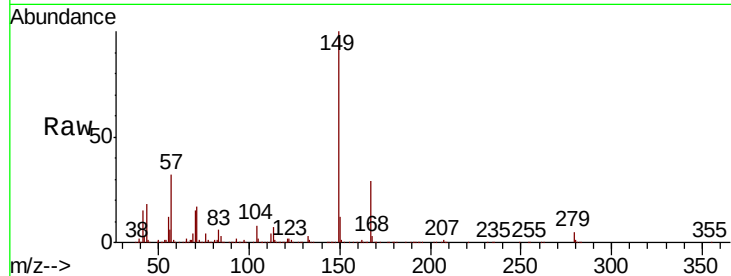




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.699 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.03 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

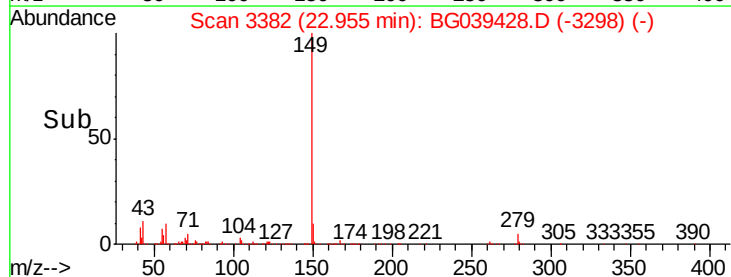
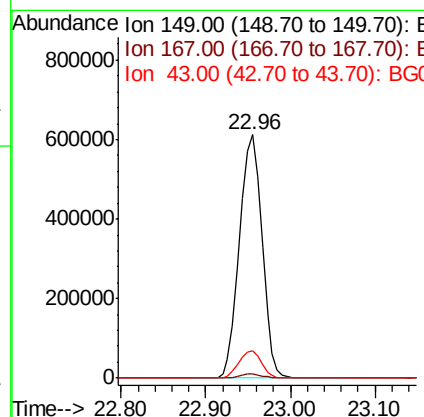
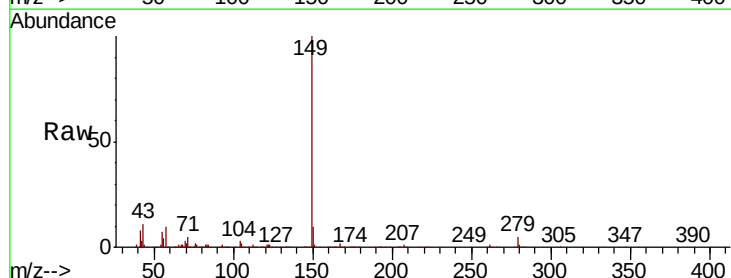
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

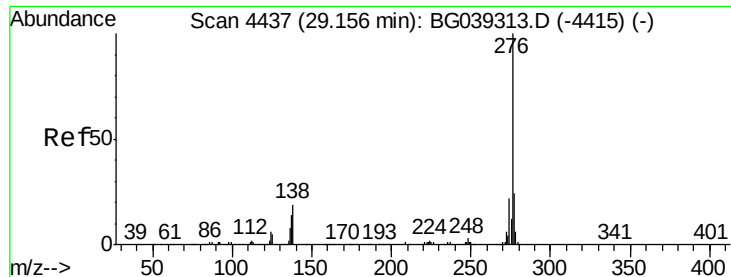
Tgt Ion:149 Resp: 669708
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.6 34.0
 279 4.9 3.5 5.3



#85
 Di-n-octyl phthalate
 Concen: 46.655 ng
 RT: 22.96 min Scan# 3382
 Delta R.T. -0.04 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:149 Resp: 1129572
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.1 10.2 15.4

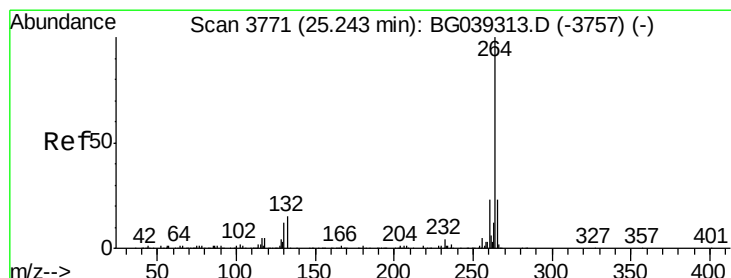
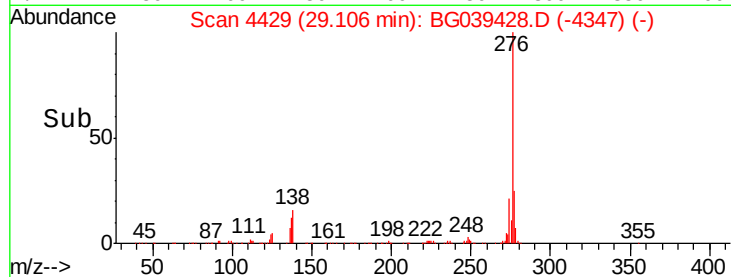
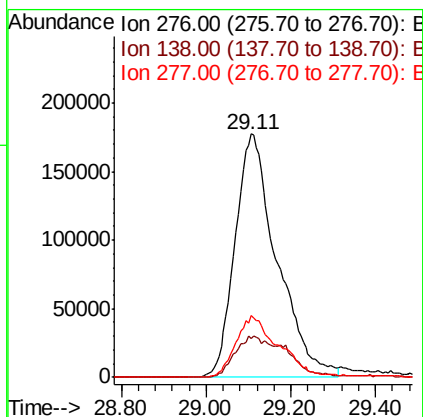
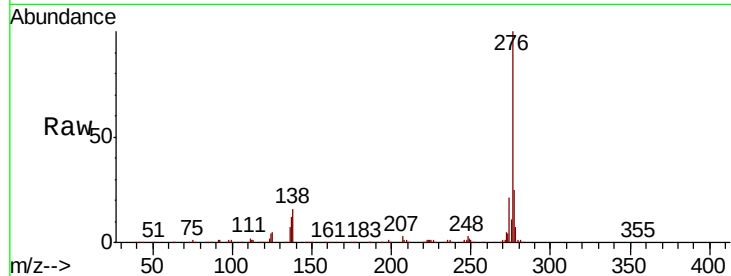




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 51.495 ng
 RT: 29.11 min Scan# 4429
 Delta R.T. -0.05 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

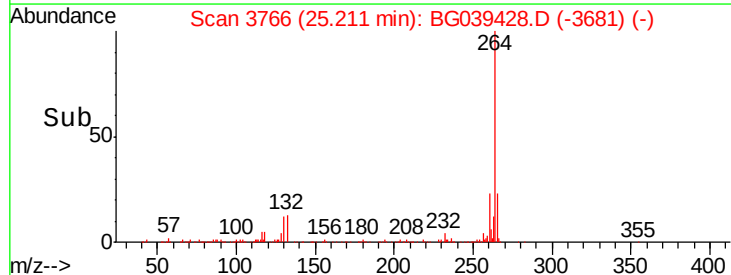
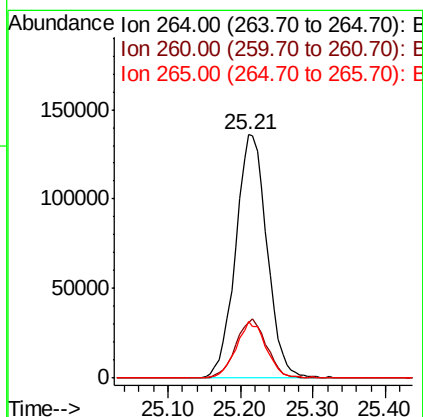
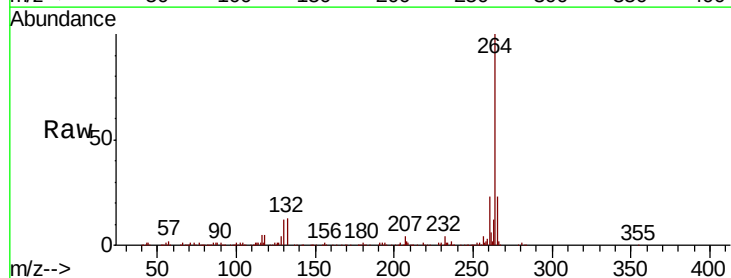
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MS

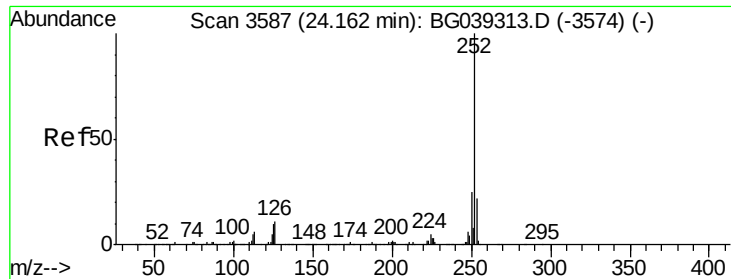
Tgt Ion:276 Resp: 1215653
 Ion Ratio Lower Upper
 276 100
 138 20.7 12.6 19.0#
 277 25.7 20.8 31.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039428.D
 Acq: 8 Feb 2019 23:10

Tgt Ion:264 Resp: 408116
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.4
 265 23.1 18.5 27.7

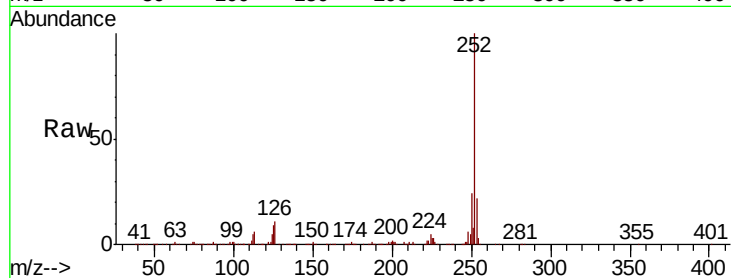




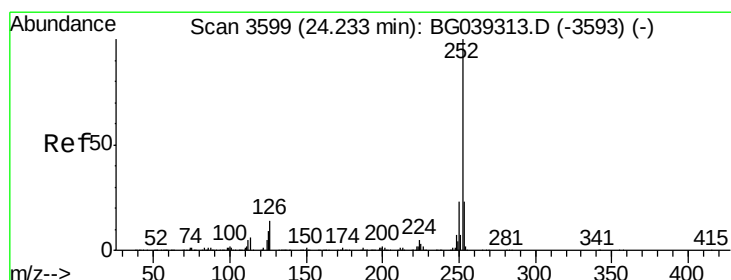
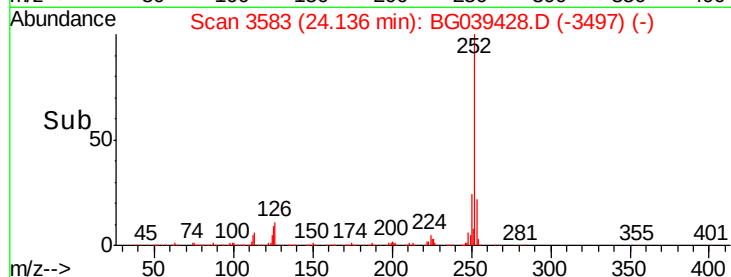
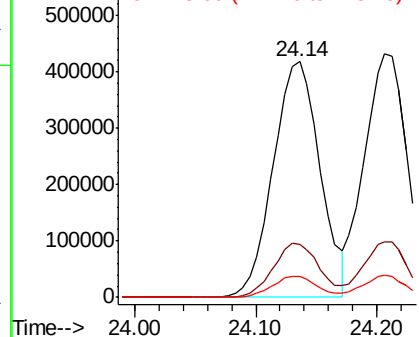
#88
Benzo(b)fluoranthene
Concen: 50.358 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.03 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Tgt Ion:252 Resp: 1120804
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.8 7.8 11.6

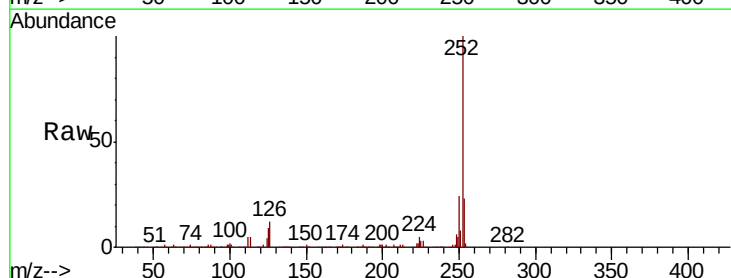


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

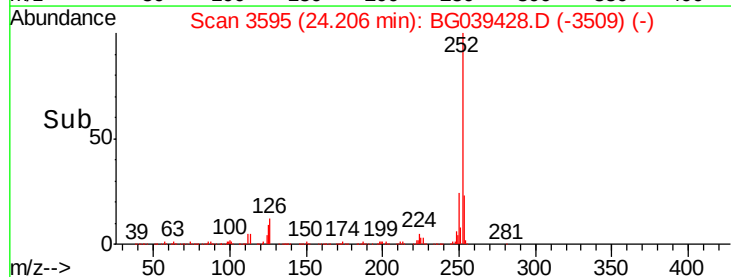
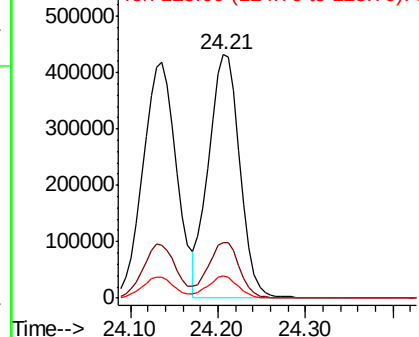


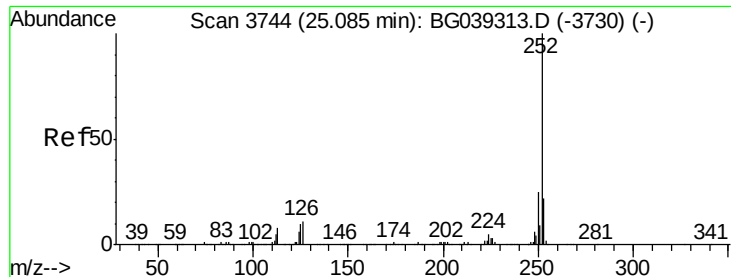
#89
Benzo(k)fluoranthene
Concen: 48.003 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG039428.D
Acq: 8 Feb 2019 23:10

Tgt Ion:252 Resp: 1072656
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.0 7.4 11.2



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





#90

Benzo(a)pyrene

Concen: 50.891 ng

RT: 25.06 min Scan# 3740

Delta R.T. -0.03 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS

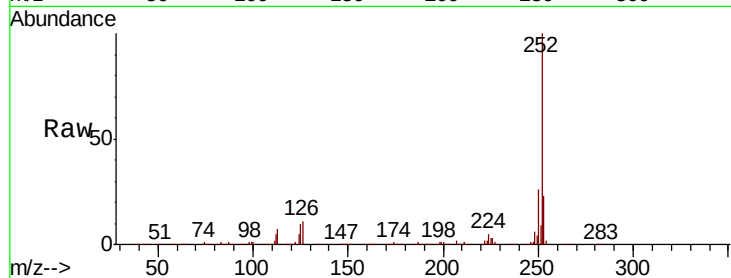
Tgt Ion:252 Resp: 1090856

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

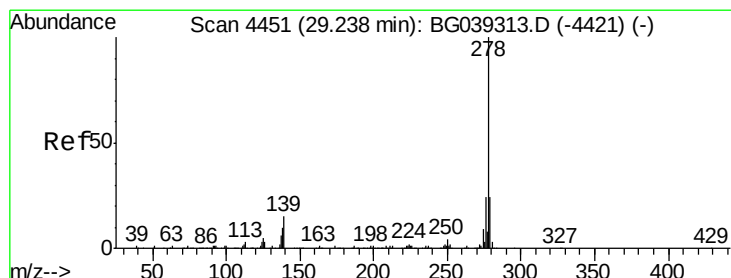
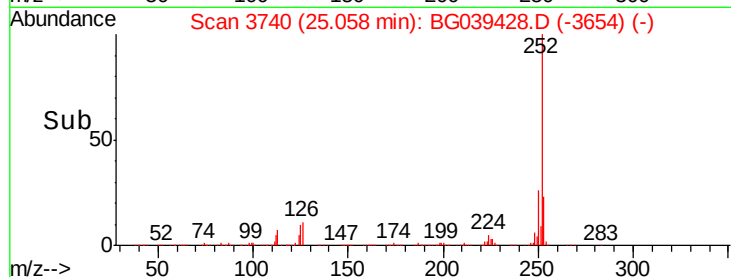
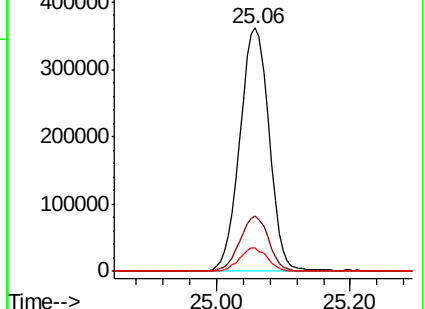
125 9.7 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 48.456 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.06 min

Lab File: BG039428.D

Acq: 8 Feb 2019 23:10

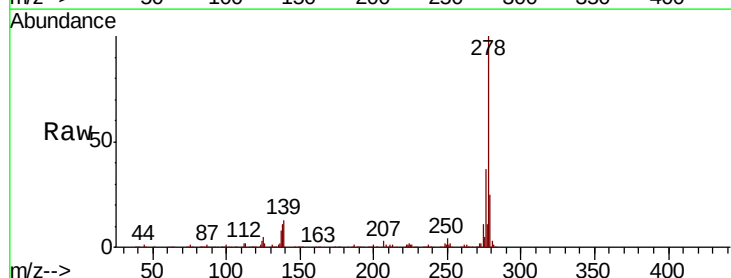
Tgt Ion:278 Resp: 972706

Ion Ratio Lower Upper

278 100

139 13.1 11.7 17.5

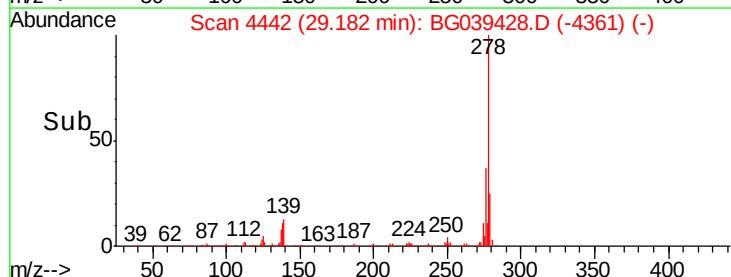
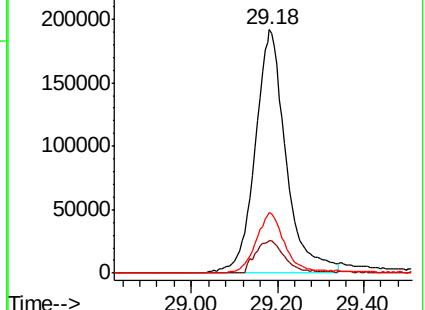
279 24.8 19.1 28.7

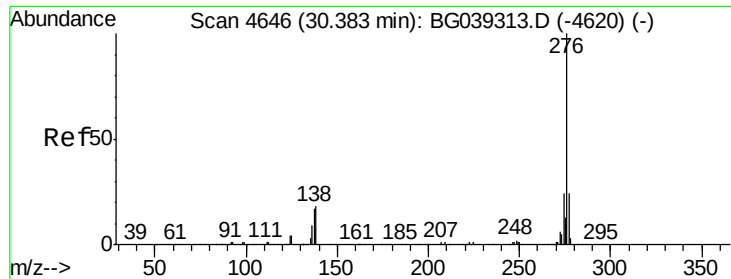


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.733 ng

RT: 30.33 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039428.D

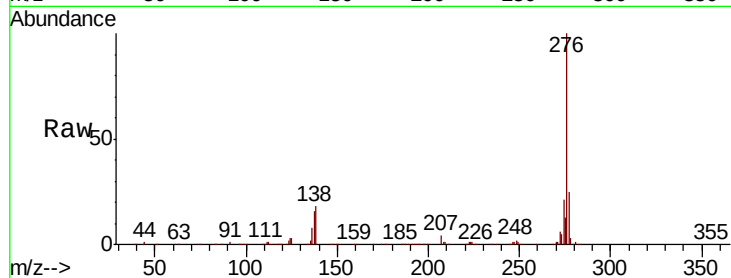
Acq: 8 Feb 2019 23:10

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MS



Tgt Ion:	276	Resp:	995060
Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.6	29.4
138	18.2	14.7	22.1

