

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
 Data File : BG039429.D
 Acq On : 8 Feb 2019 23:49
 Operator : JU/SJ
 Sample : K1348-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Quant Time: Feb 09 00:35:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53287	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	220815	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	148015	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	358563	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	369192	20.00	ng	-0.02
87) Perylene-d12	25.21	264	383998	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	447489	143.73	ng	0.00
7) Phenol-d6	7.32	99	602649	131.50	ng	0.00
23) Nitrobenzene-d5	9.35	82	407196	115.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	256343	160.83	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	949035	91.98	ng	-0.01
79) Terphenyl-d14	20.13	244	1551850	88.97	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	53082	38.976	ng	# 39
3) Pyridine	4.02	79	112924	31.317	ng	96
4) n-Nitrosodimethylamine	3.93	42	78304	43.423	ng	83
6) Aniline	7.50	93	76147	13.265	ng	98
8) 2-Chlorophenol	7.73	128	172835	50.785	ng	97
9) Benzaldehyde	7.32	77	94213	41.644	ng	99
10) Phenol	7.34	94	207173	43.366	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	174800	46.305	ng	95
12) 1,3-Dichlorobenzene	8.06	146	179585	43.559	ng	99
13) 1,4-Dichlorobenzene	8.21	146	183213	44.585	ng	99
14) 1,2-Dichlorobenzene	8.53	146	176359	44.332	ng	96
15) Benzyl Alcohol	8.41	79	170853	47.486	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	329624	38.666	ng	99
17) 2-Methylphenol	8.60	107	150750	48.762	ng	96
18) Hexachloroethane	9.26	117	64037	45.295	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	141833	43.604	ng	92
20) 3+4-Methylphenols	8.93	107	206145	48.422	ng	98
22) Acetophenone	9.01	105	268862	45.328	ng	# 95
24) Nitrobenzene	9.39	77	205710	53.871	ng	95
25) Isophorone	9.91	82	397721	50.777	ng	98
26) 2-Nitrophenol	10.11	139	98743	60.753	ng	98
27) 2,4-Dimethylphenol	10.15	122	178173	56.232	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	240336	49.815	ng	98
29) 2,4-Dichlorophenol	10.63	162	193745	55.947	ng	91
30) 1,2,4-Trichlorobenzene	10.85	180	194487	50.023	ng	99
31) Naphthalene	11.05	128	556786	50.827	ng	99
32) Benzoic acid	10.15	122	178173	78.755	ng	# 14
33) 4-Chloroaniline	11.16	127	12378	2.437	ng	96
34) Hexachlorobutadiene	11.31	225	126177	48.800	ng	95
35) Caprolactam	11.93	113	50674	35.362	ng	92
36) 4-Chloro-3-methylphenol	12.25	107	203096	50.711	ng	95
37) 2-Methylnaphthalene	12.64	142	420043	51.771	ng	99
38) 1-Methylnaphthalene	12.86	142	402847	51.508	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	231072	49.066	ng	99

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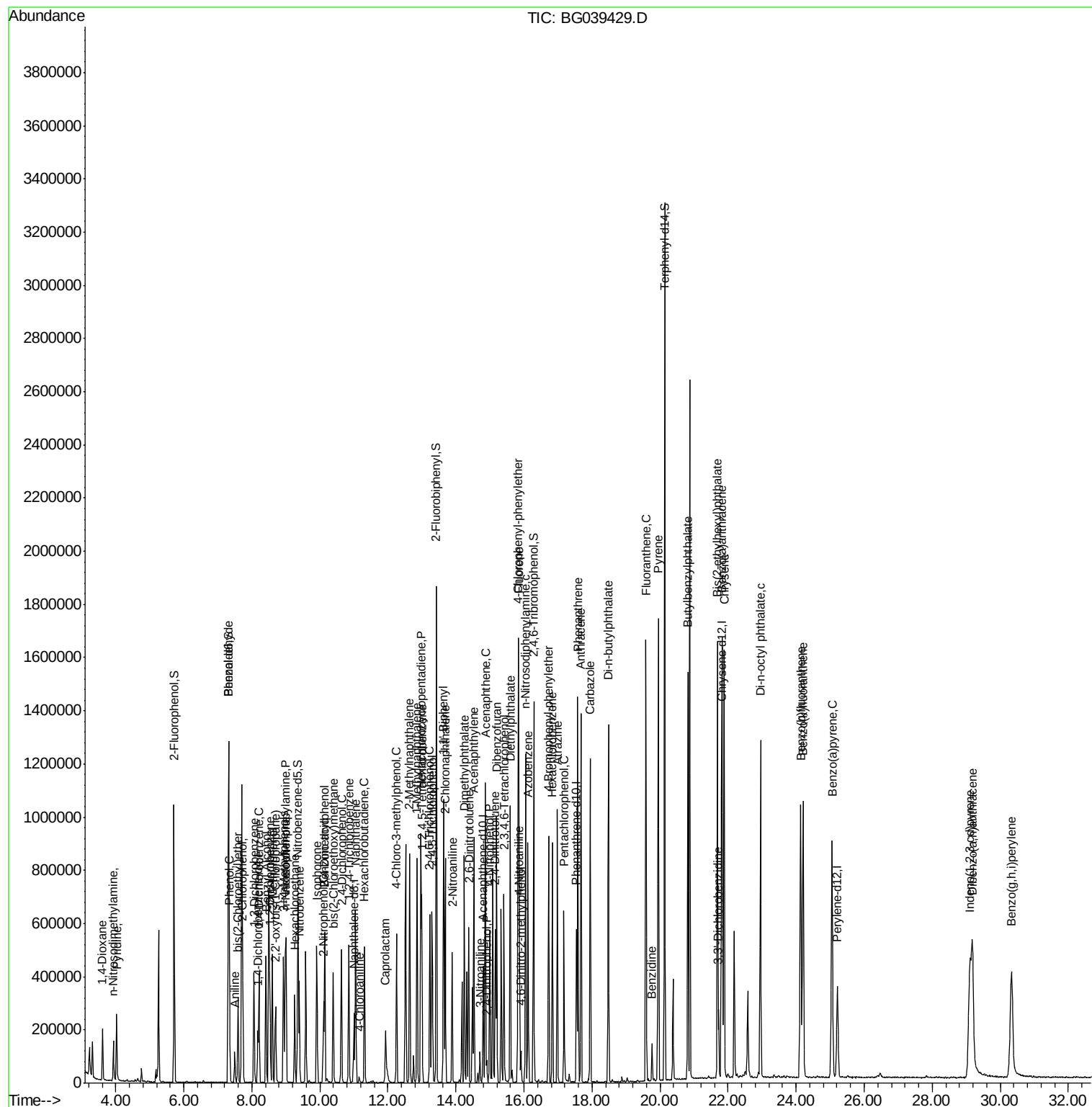
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	271517	105.804	ng	100
43) 2,4,6-Trichlorophenol	13.23	196	157315	54.329	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	168373	55.480	ng	98
46) 1,1'-Biphenyl	13.64	154	563218	45.733	ng	99
47) 2-Chloronaphthalene	13.68	162	434412	46.890	ng	98
48) 2-Nitroaniline	13.89	65	144019	53.058	ng	91
49) Acenaphthylene	14.52	152	696350	49.813	ng	99
50) Dimethylphthalate	14.25	163	575252	48.121	ng	99
51) 2,6-Dinitrotoluene	14.38	165	126215	55.332	ng	97
52) Acenaphthene	14.86	154	437178	48.178	ng	99
53) 3-Nitroaniline	14.71	138	29007	16.373	ng	# 86
54) 2,4-Dinitrophenol	14.90	184	18665	28.238	ng	92
55) Dibenzofuran	15.19	168	693341	47.655	ng	98
56) 4-Nitrophenol	14.99	139	160351	74.608	ng	91
57) 2,4-Dinitrotoluene	15.16	165	180826	60.709	ng	# 86
58) Fluorene	15.84	166	548916	50.611	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	155518	54.730	ng	96
60) Diethylphthalate	15.60	149	571779	46.261	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	293951	47.865	ng	97
62) 4-Nitroaniline	15.87	138	128782	51.078	ng	91
63) Azobenzene	16.12	77	523743	43.354	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	27735	25.242	ng	98
66) n-Nitrosodiphenylamine	16.04	169	502215	46.063	ng	99
67) 4-Bromophenyl-phenylether	16.73	248	191580	48.162	ng	94
68) Hexachlorobenzene	16.83	284	197153	49.400	ng	97
69) Atrazine	16.98	200	199338	50.031	ng	99
70) Pentachlorophenol	17.18	266	120875	43.577	ng	98
71) Phenanthrene	17.58	178	918833	49.511	ng	99
72) Anthracene	17.68	178	924241	50.561	ng	98
73) Carbazole	17.95	167	824165	45.177	ng	99
74) Di-n-butylphthalate	18.48	149	980887	46.088	ng	99
75) Fluoranthene	19.59	202	1101579	51.141	ng	99
77) Benzidine	19.76	184	84514	6.982	ng	100
78) Pyrene	19.95	202	1119666	48.717	ng	99
80) Butylbenzylphthalate	20.81	149	468839	48.358	ng	95
81) Benzo(a)anthracene	21.81	228	1111121	50.933	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	96195	11.892	ng	94
83) Chrysene	21.88	228	1036885	49.930	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	650409	47.024	ng	99
85) Di-n-octyl phthalate	22.95	149	1109059	48.534	ng	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1169576	52.492	ng	# 96
88) Benzo(b)fluoranthene	24.13	252	1097054	52.386	ng	97
89) Benzo(k)fluoranthene	24.21	252	1057102	50.279	ng	98
90) Benzo(a)pyrene	25.06	252	1058930	52.505	ng	98
91) Dibenzo(a,h)anthracene	29.18	278	952554	50.433	ng	98
92) Benzo(g,h,i)perylene	30.34	276	931093	49.458	ng	98

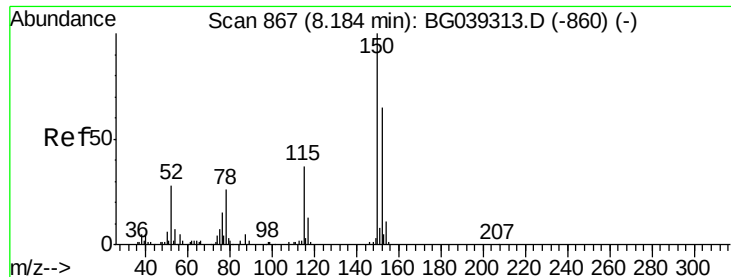
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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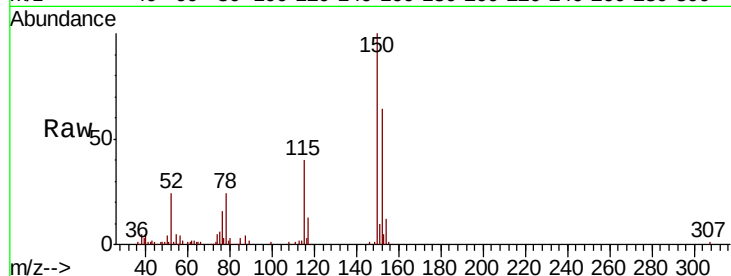


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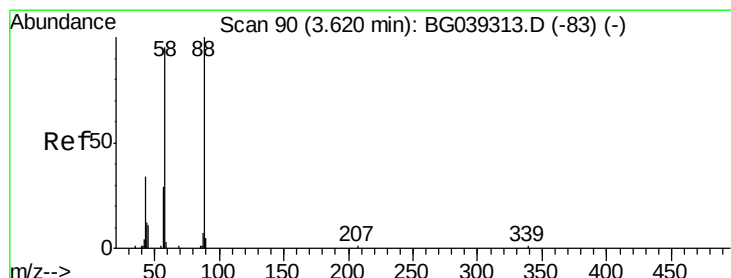
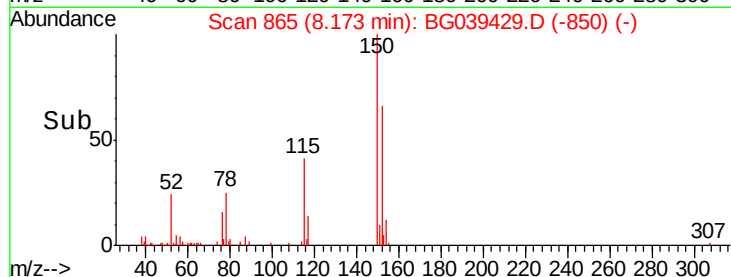
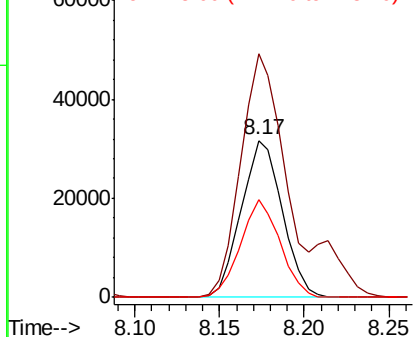
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.7	185.5
115	61.9	45.9	68.9



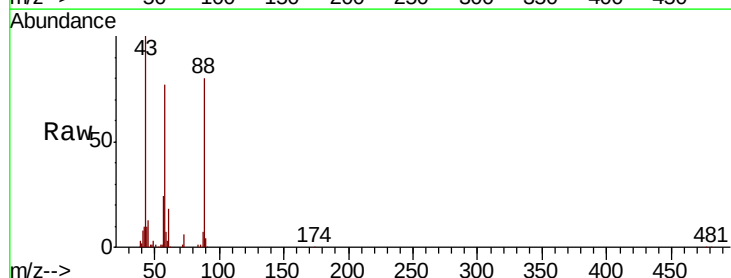
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



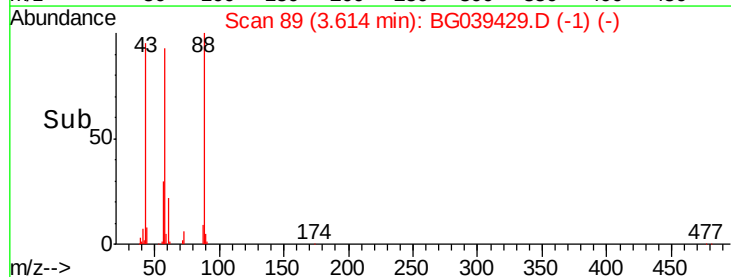
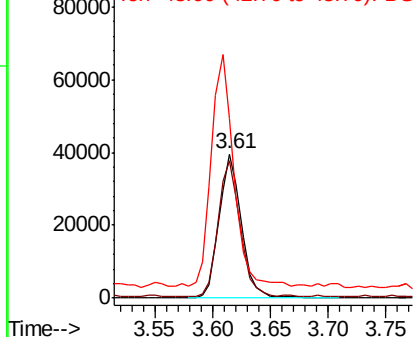
#2

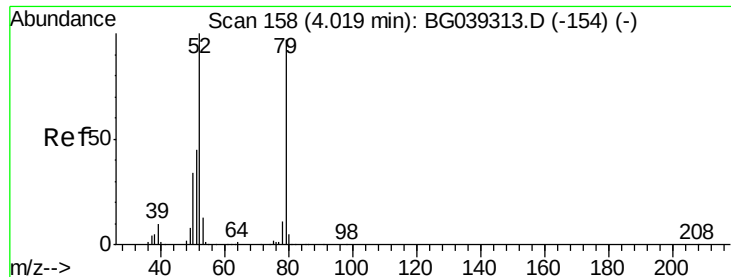
1,4-Dioxane
 Concen: 38.976 ng
 RT: 3.61 min Scan# 89
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.7	81.1	121.7
43	159.1	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: 31.317 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.00 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

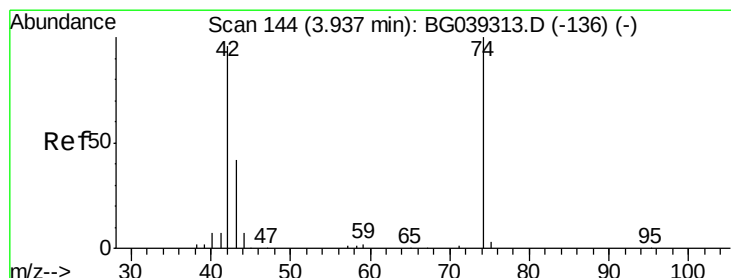
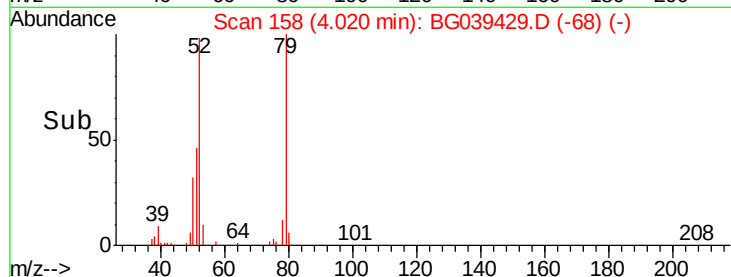
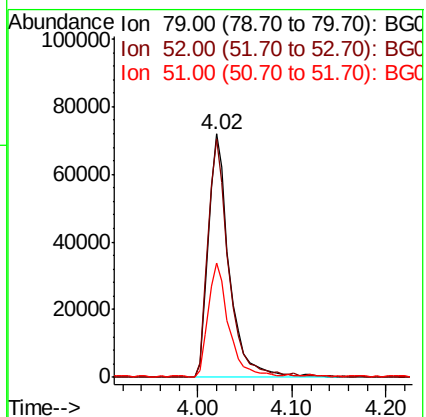
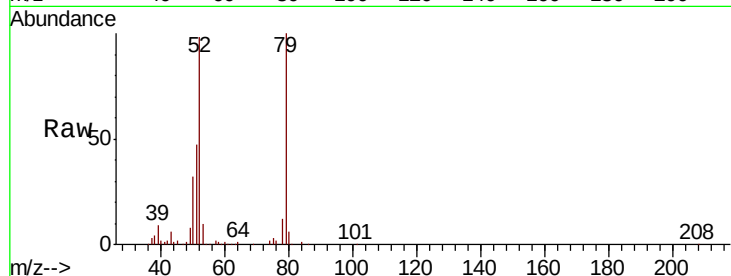
Tgt Ion: 79 Resp: 112924

Ion Ratio Lower Upper

79 100

52 98.0 82.6 124.0

51 46.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 43.423 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

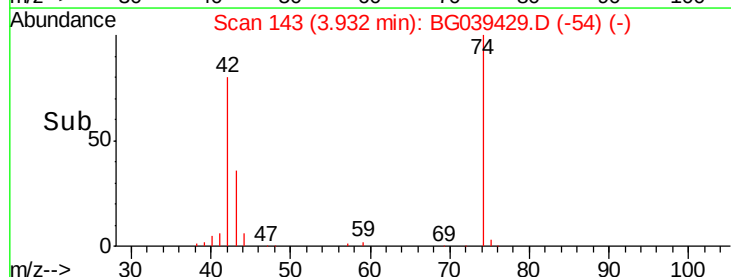
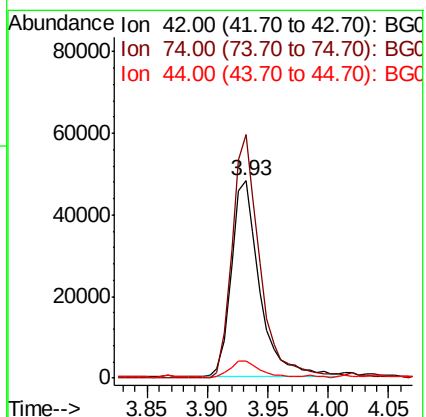
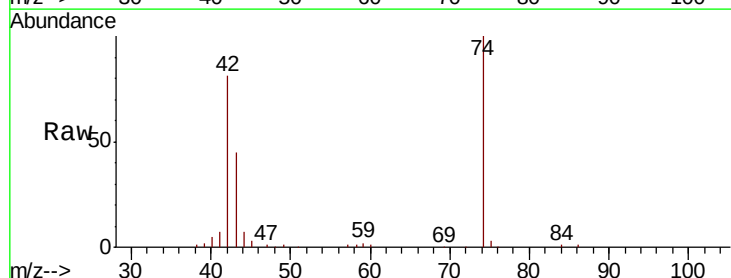
Tgt Ion: 42 Resp: 78304

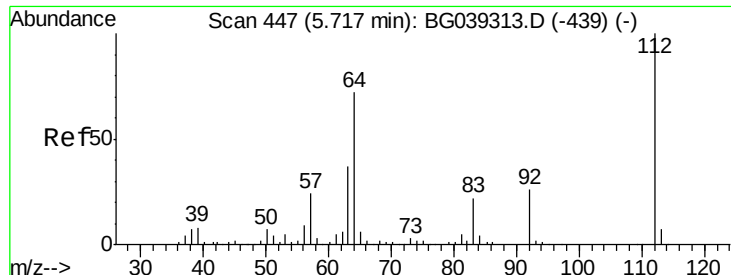
Ion Ratio Lower Upper

42 100

74 123.5 83.6 125.4

44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 143.728 ng

RT: 5.72 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG039429.D

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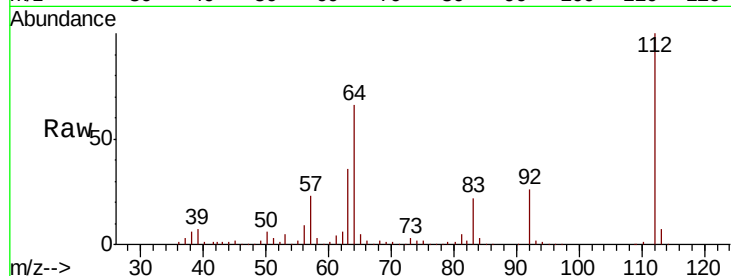
Tgt Ion: 112 Resp: 447489

Ion Ratio Lower Upper

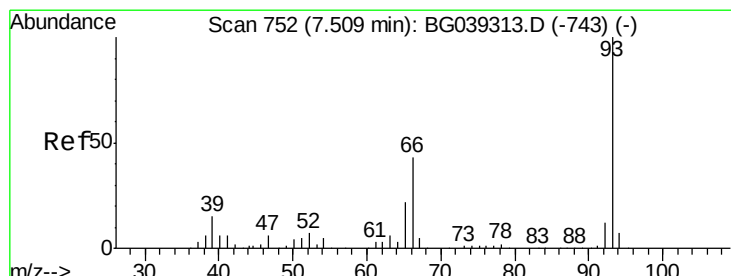
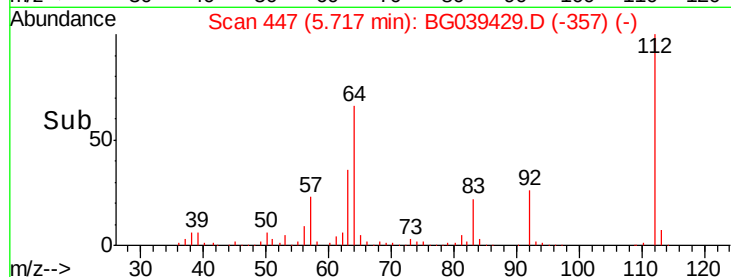
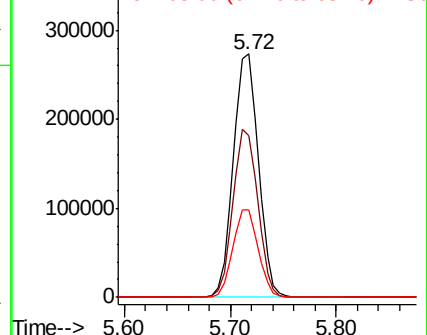
112 100

64 66.3 57.8 86.8

63 35.7 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: 13.265 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

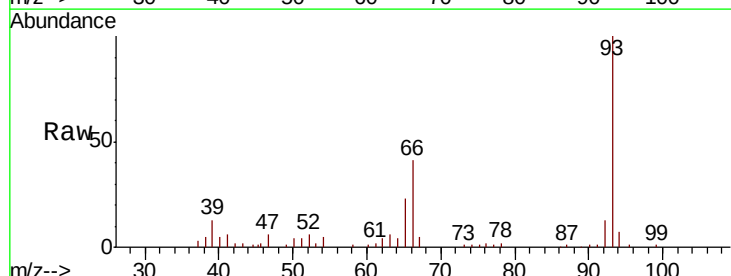
Tgt Ion: 93 Resp: 76147

Ion Ratio Lower Upper

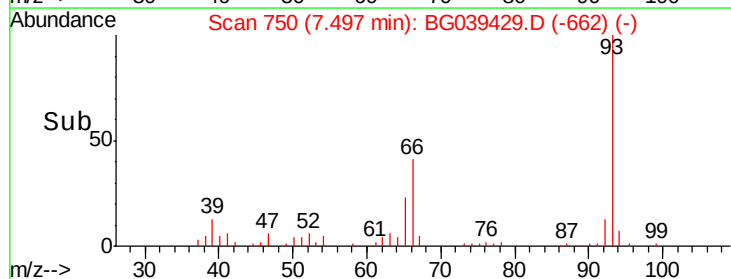
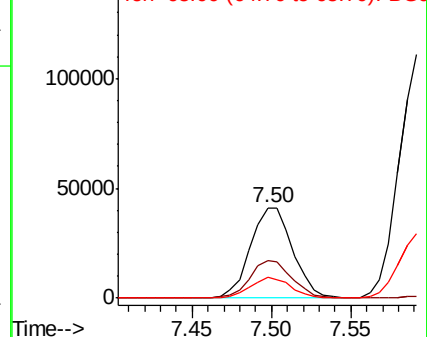
93 100

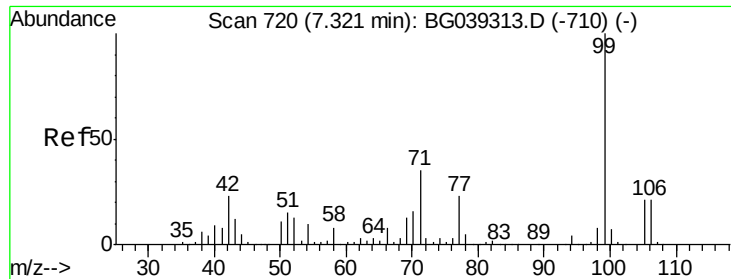
66 41.3 34.2 51.4

65 22.8 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: 131.499 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039429.D

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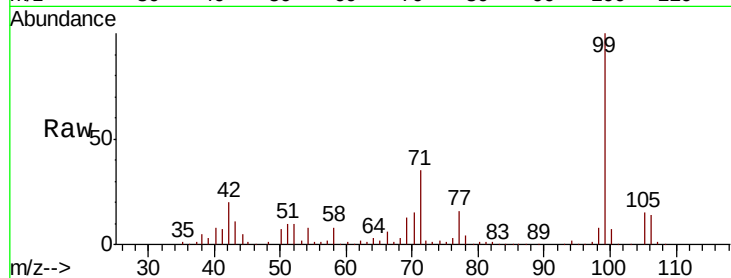
Tgt Ion: 99 Resp: 602649

Ion Ratio Lower Upper

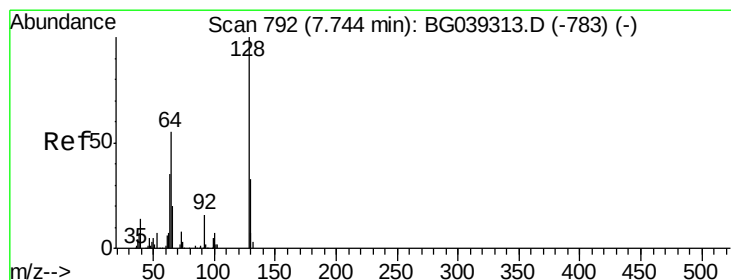
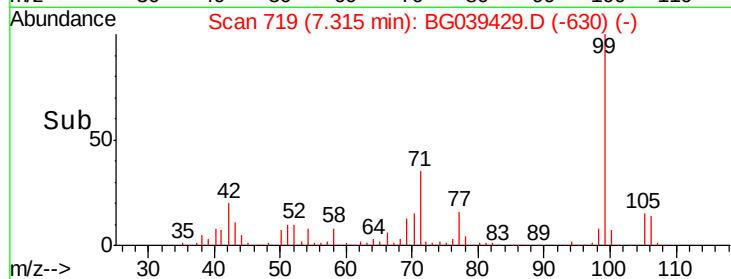
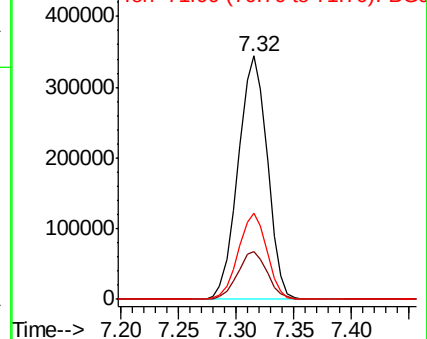
99 100

42 19.8 18.2 27.2

71 35.2 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: 50.785 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

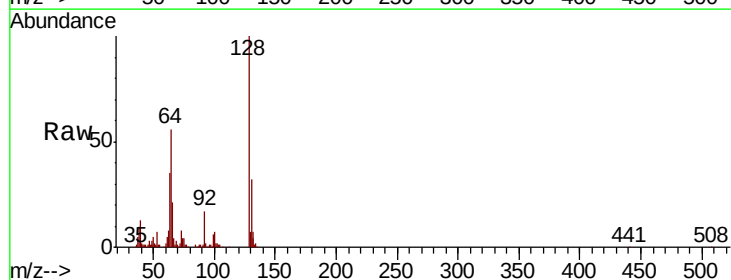
Tgt Ion: 128 Resp: 172835

Ion Ratio Lower Upper

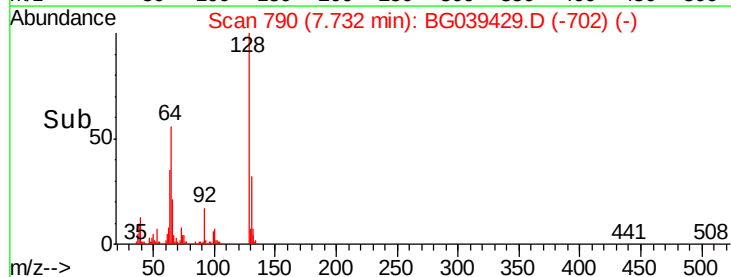
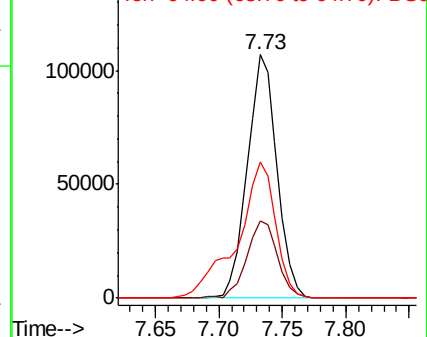
128 100

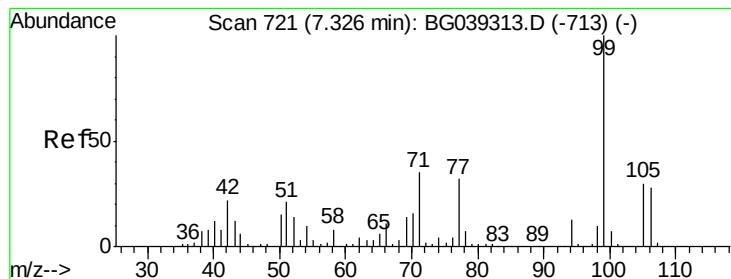
130 31.5 12.9 52.9

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: 41.644 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

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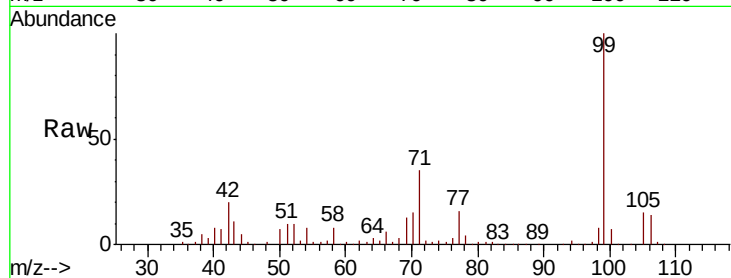
Tgt Ion: 77 Resp: 94213

Ion Ratio Lower Upper

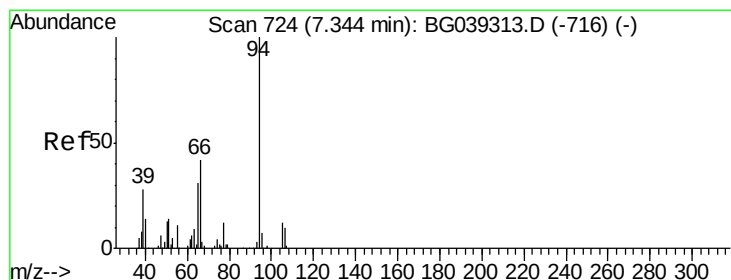
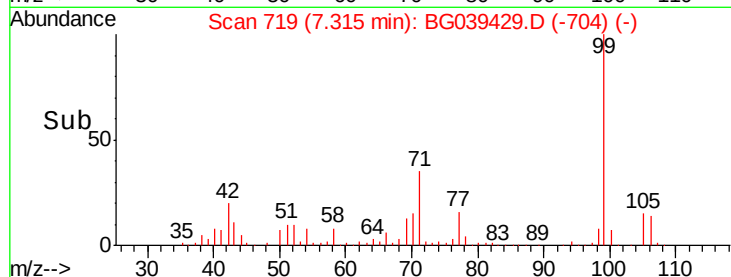
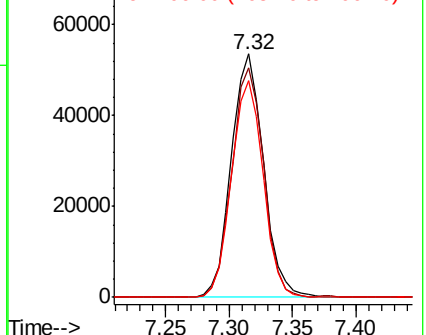
77 100

105 94.2 74.5 114.5

106 89.0 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: 43.366 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

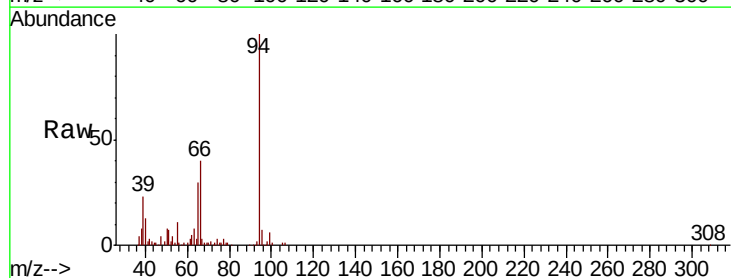
Tgt Ion: 94 Resp: 207173

Ion Ratio Lower Upper

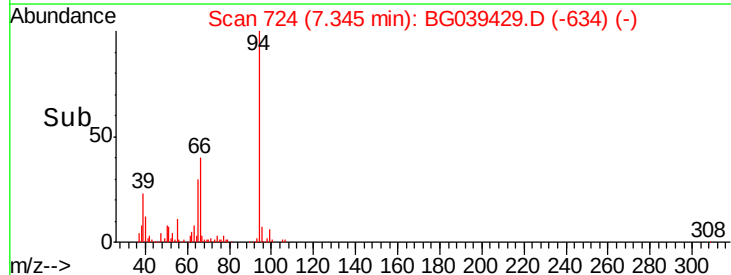
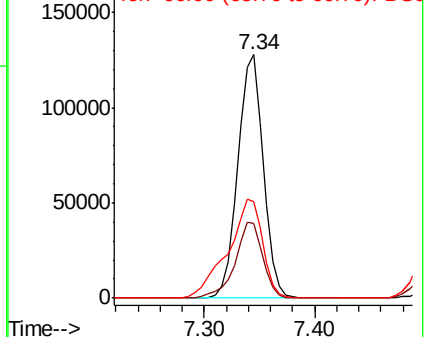
94 100

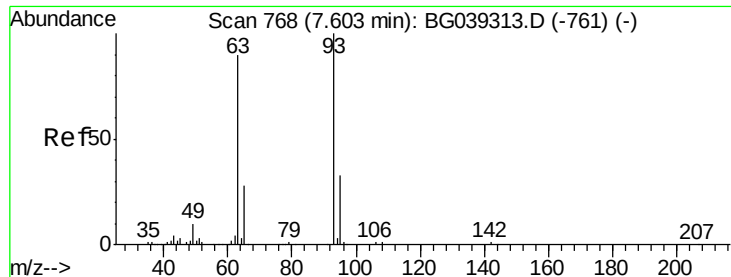
65 30.5 11.7 51.7

66 39.6 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

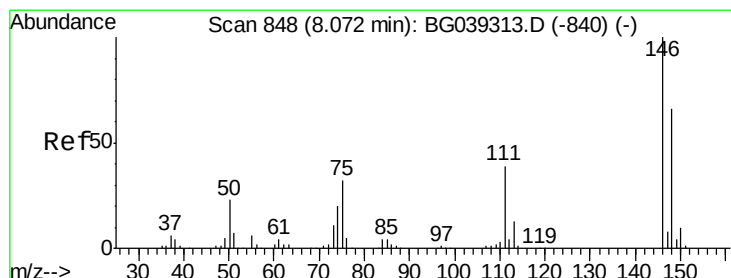
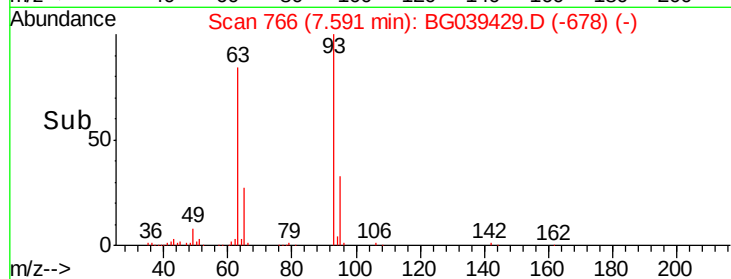
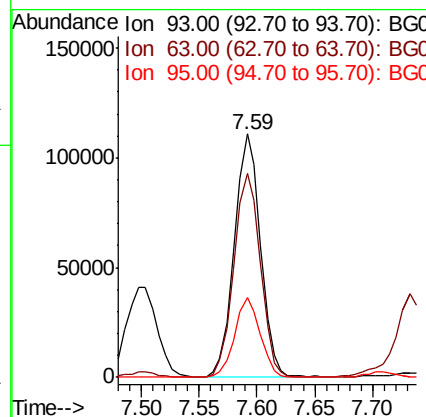
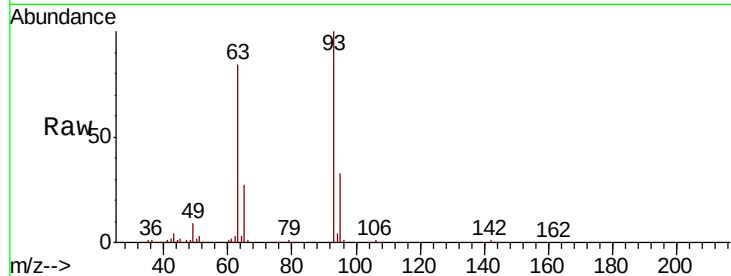




#11
 bis(2-Chloroethyl)ether
 Concen: 46.305 ng
 RT: 7.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

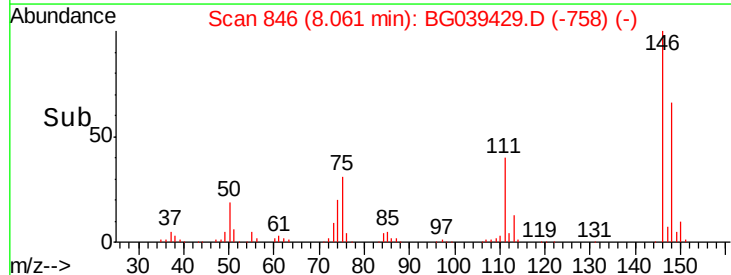
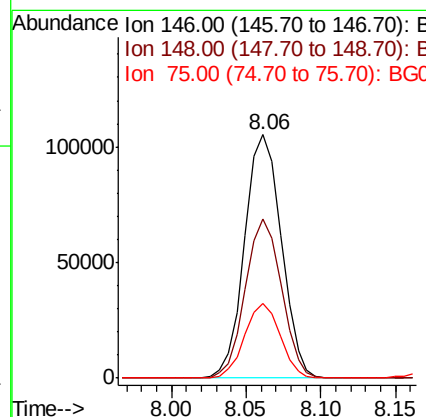
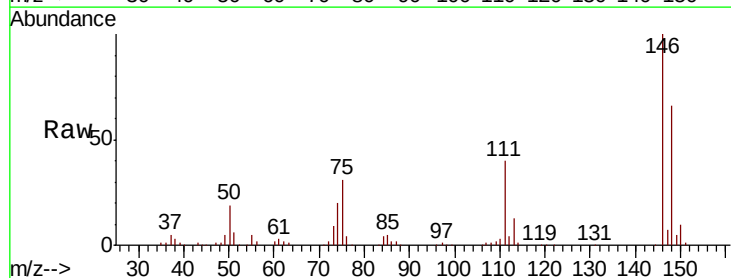
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

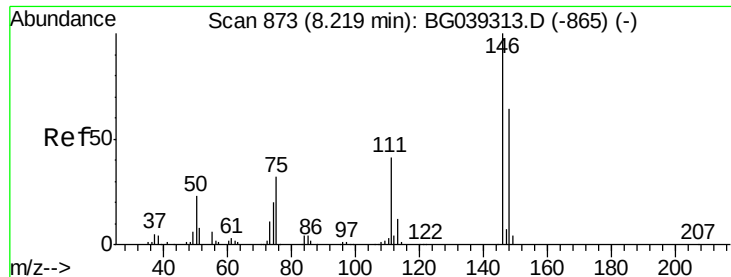
Tgt Ion: 93 Resp: 174800
 Ion Ratio Lower Upper
 93 100
 63 83.7 69.5 109.5
 95 32.5 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 43.559 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion: 146 Resp: 179585
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.6 79.0
 75 30.9 25.8 38.6

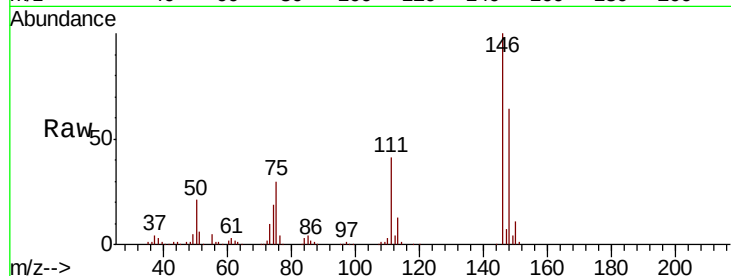




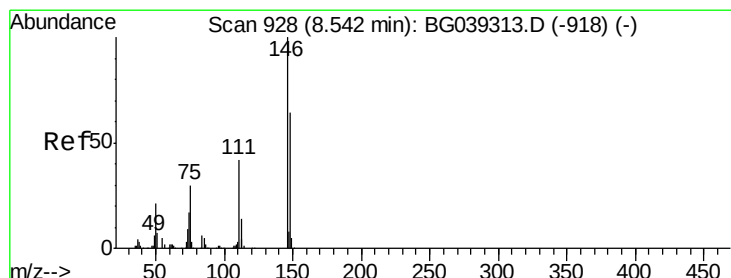
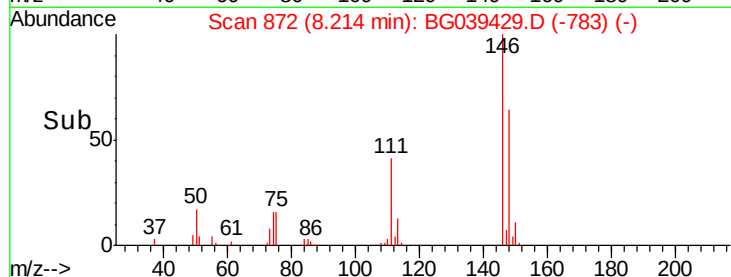
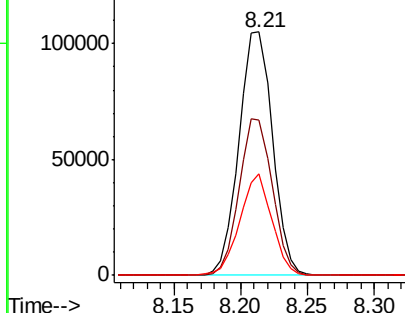
#13
 1,4-Dichlorobenzene
 Concen: 44.585 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Tgt Ion:146 Resp: 183213
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 41.5 32.6 48.8

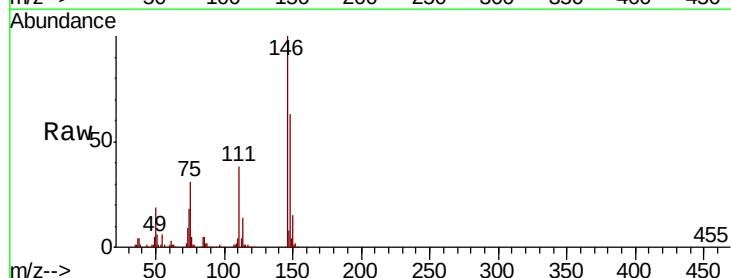


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

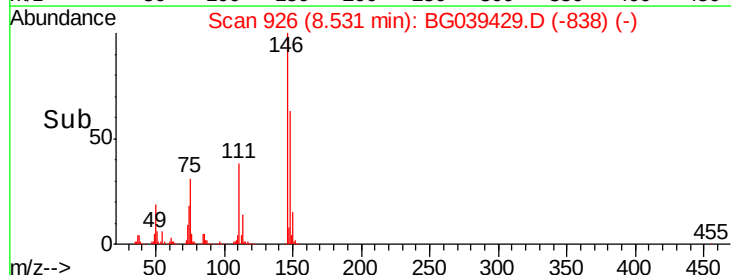
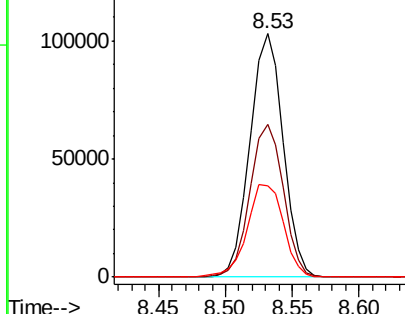


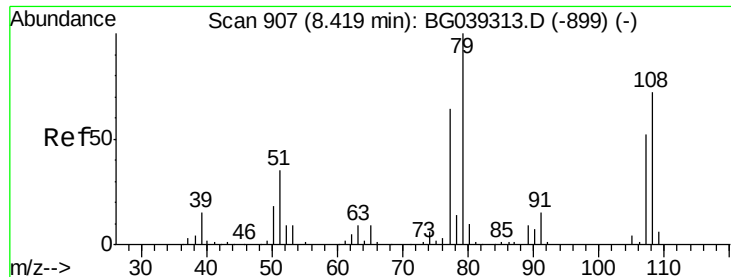
#14
 1,2-Dichlorobenzene
 Concen: 44.332 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion:146 Resp: 176359
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.5 77.3
 111 37.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 47.486 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

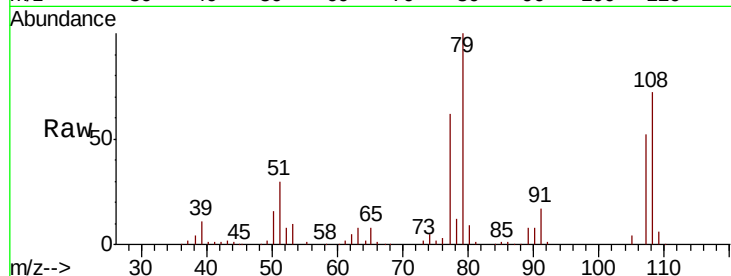
Tgt Ion: 79 Resp: 170853

Ion Ratio Lower Upper

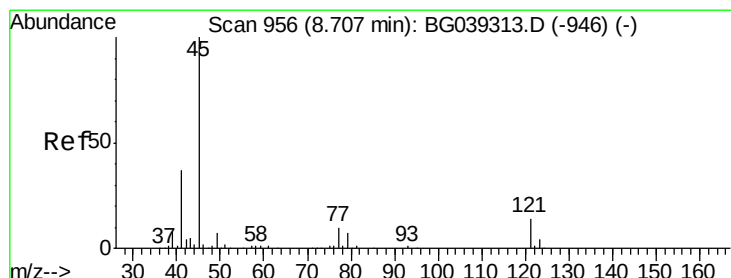
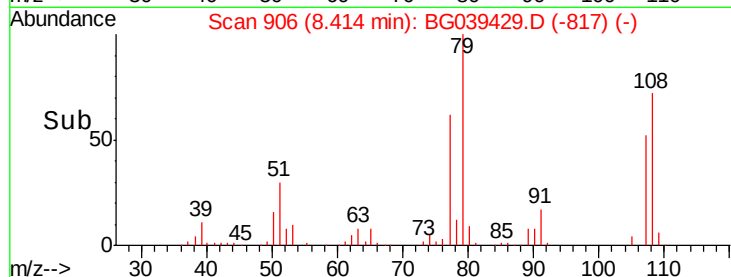
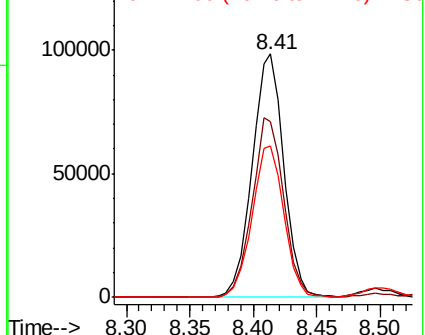
79 100

108 72.2 57.8 86.6

77 62.0 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: 38.666 ng

RT: 8.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

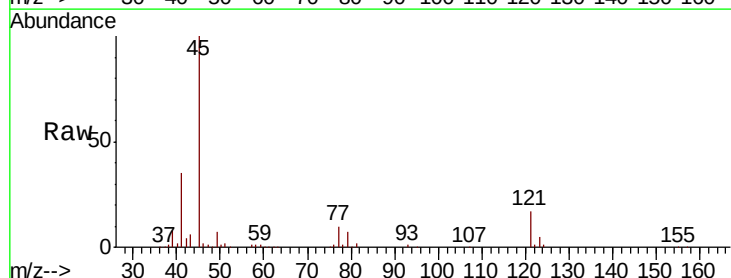
Tgt Ion: 45 Resp: 329624

Ion Ratio Lower Upper

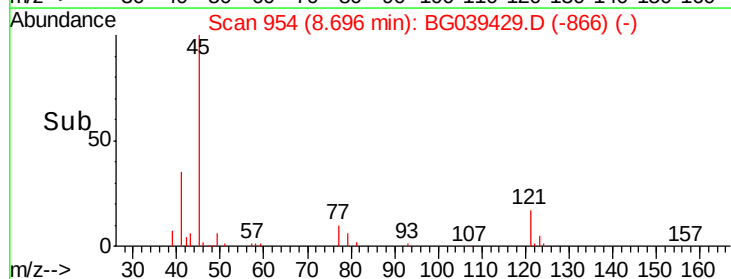
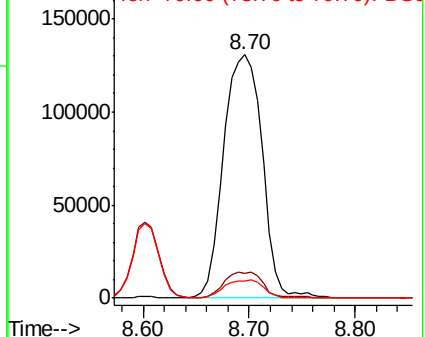
45 100

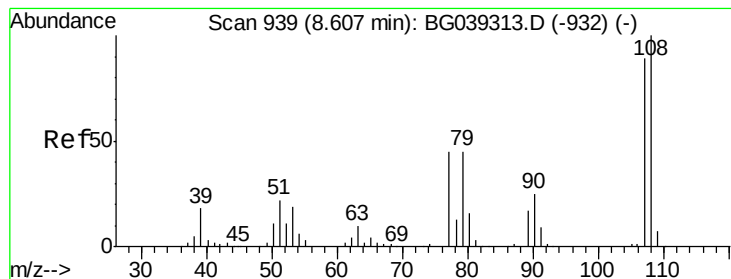
77 10.4 0.0 30.0

79 7.0 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: 48.762 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

Tgt Ion:107 Resp: 150750

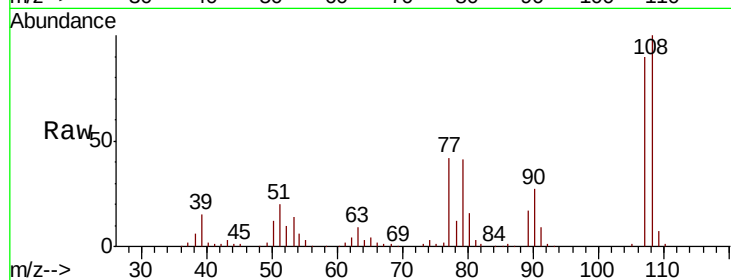
Ion Ratio Lower Upper

107 100

108 111.2 90.8 136.2

77 46.6 40.7 61.1

79 46.0 40.6 60.8

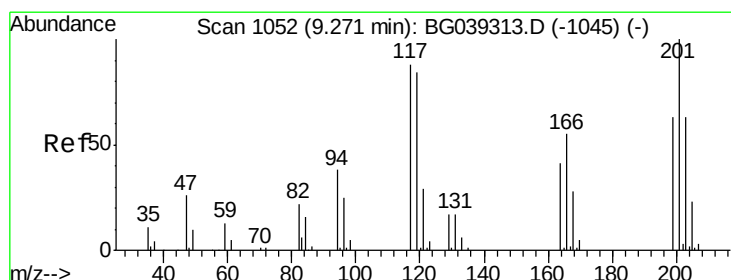
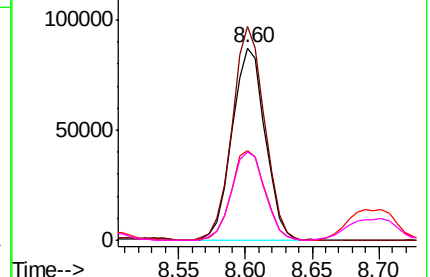
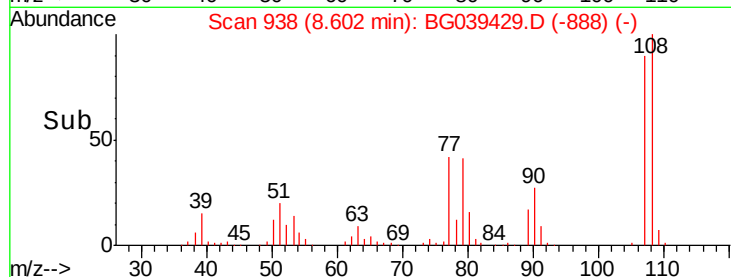


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 45.295 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

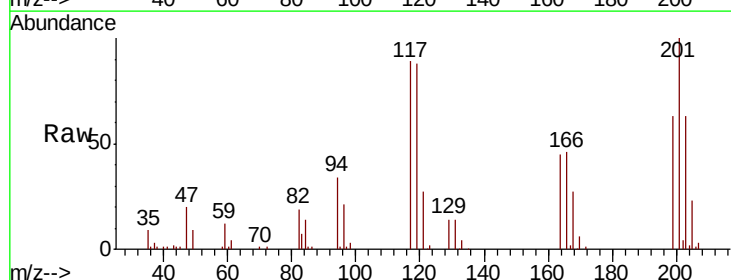
Tgt Ion:117 Resp: 64037

Ion Ratio Lower Upper

117 100

119 99.0 76.3 114.5

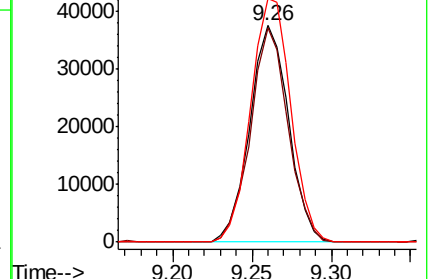
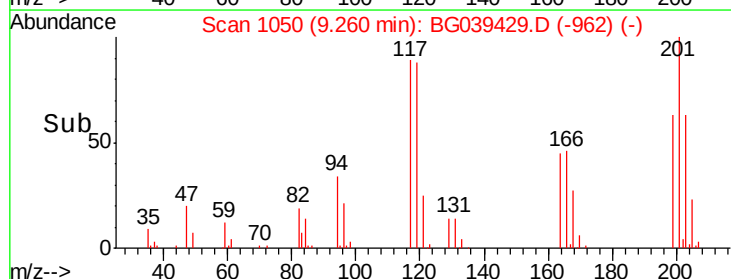
201 112.5 91.1 136.7

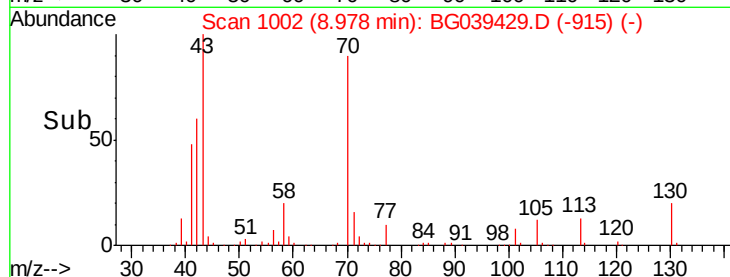
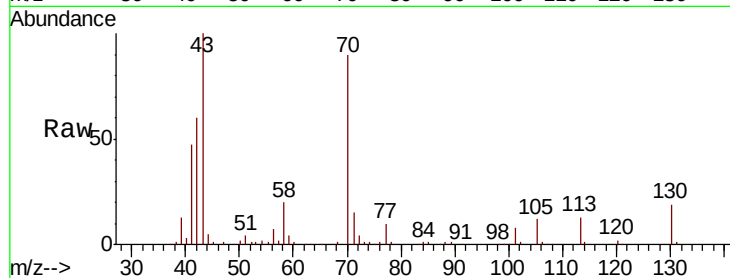
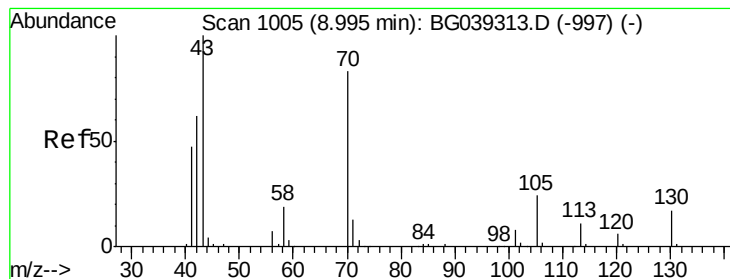


Abundance Ion 117.00 (116.70 to 117.70): E

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: 43.604 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

Tgt Ion: 70 Resp: 141833

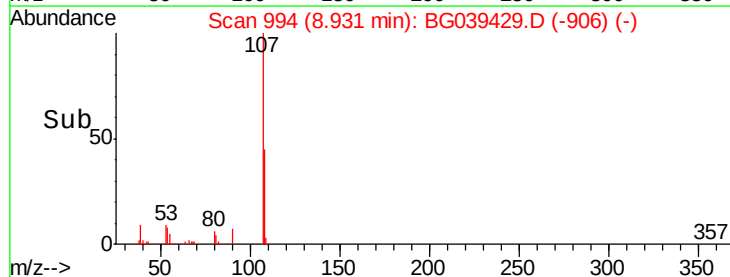
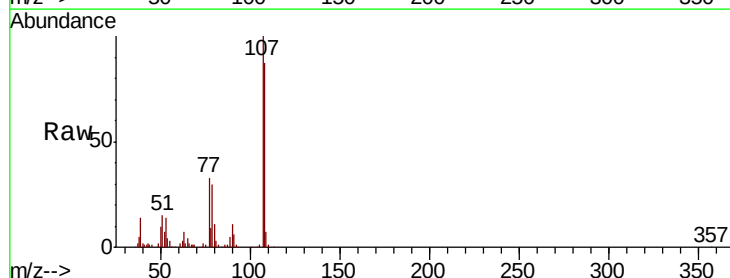
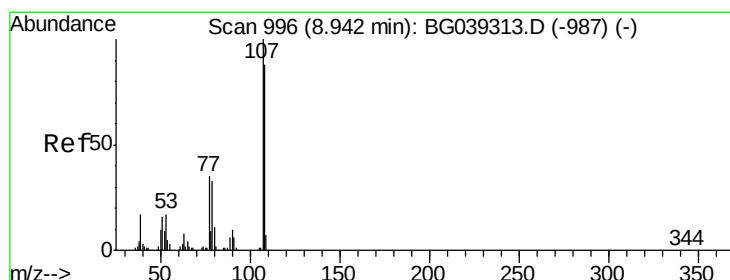
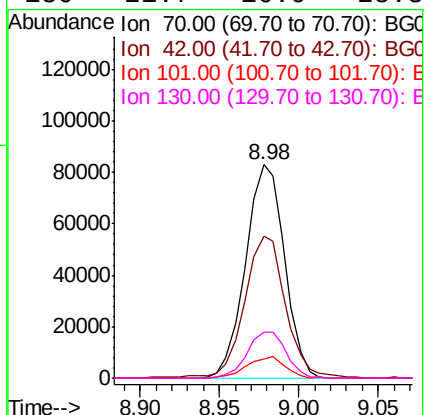
Ion Ratio Lower Upper

70 100

42 66.4 60.4 90.6

101 9.0 7.5 11.3

130 21.7 16.9 25.3



#20

3+4-Methylphenols

Concen: 48.422 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion: 107 Resp: 206145

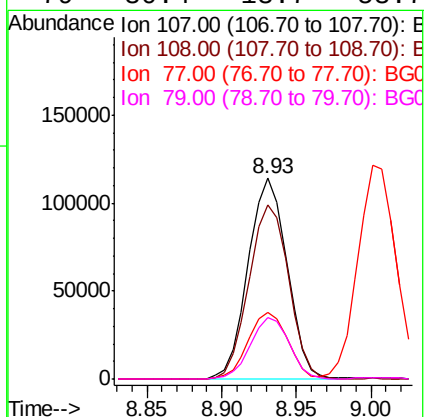
Ion Ratio Lower Upper

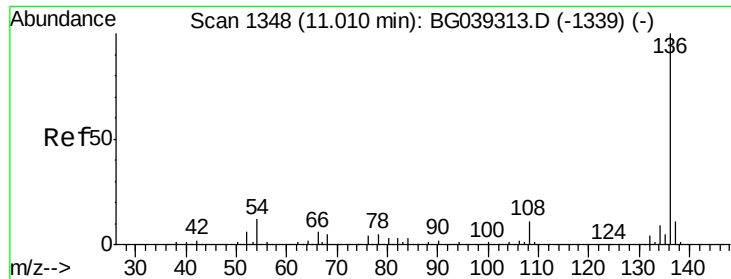
107 100

108 87.1 67.9 107.9

77 33.5 15.4 55.4

79 30.4 13.7 53.7

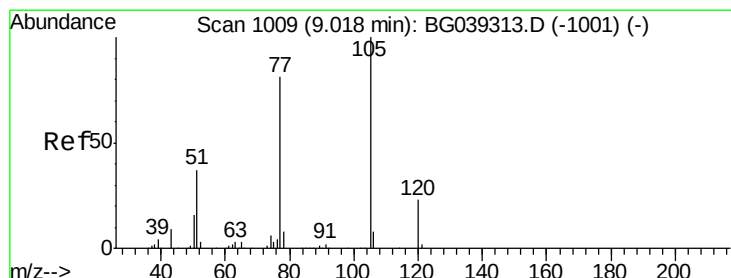
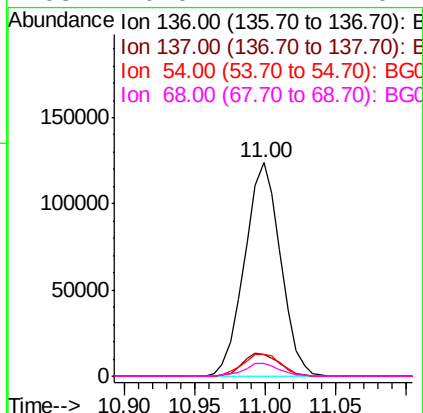
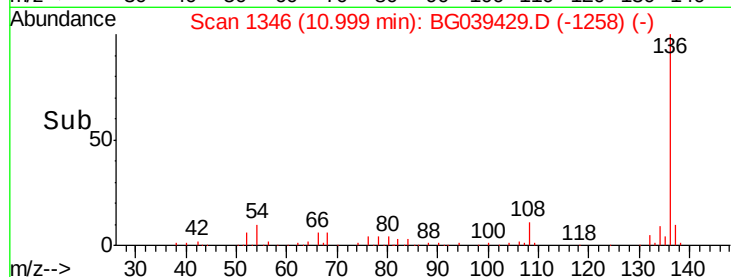
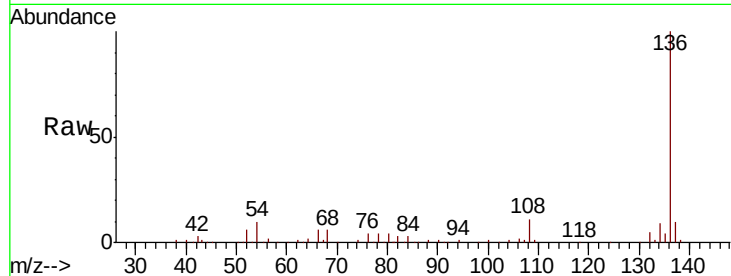




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

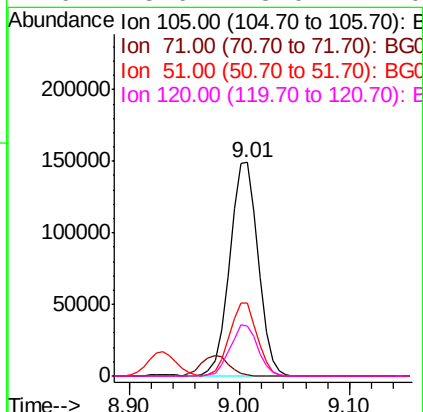
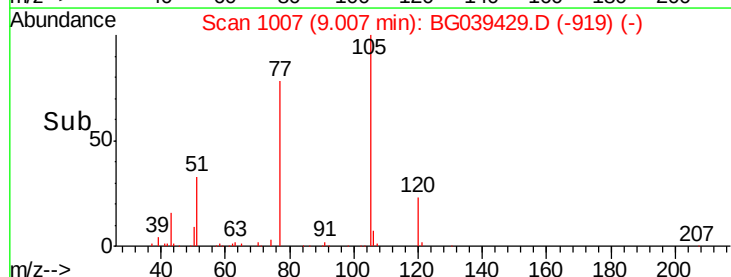
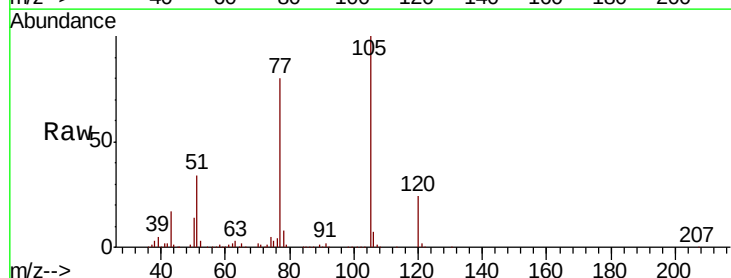
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

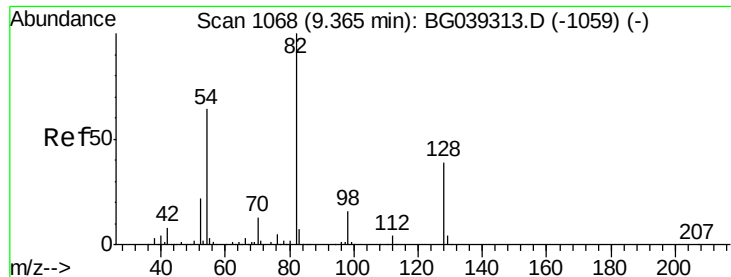
Tgt Ion:	136	Resp:	220815
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	10.3	9.4	14.2
68	6.0	4.2	6.4



#22
Acetophenone
Concen: 45.328 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion:	105	Resp:	268862
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	33.9	30.2	45.2
120	23.6	18.0	27.0

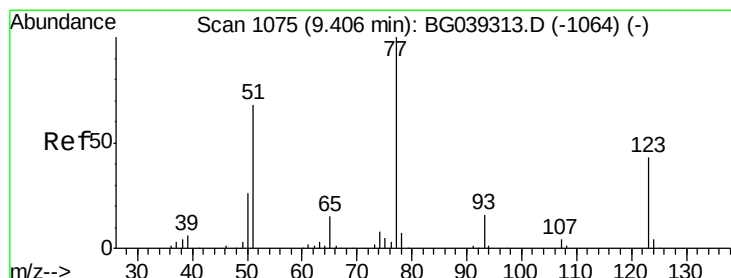
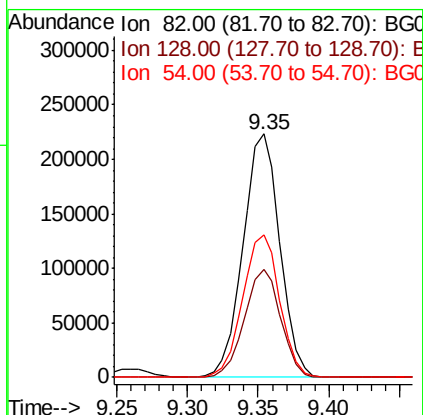
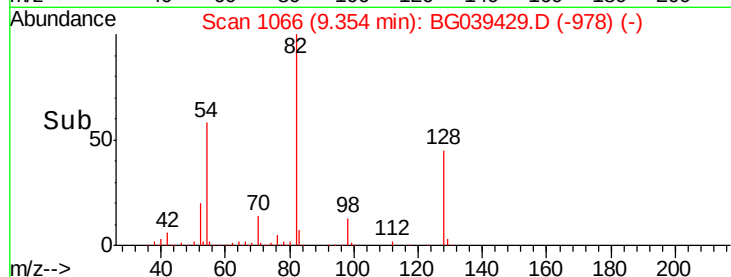
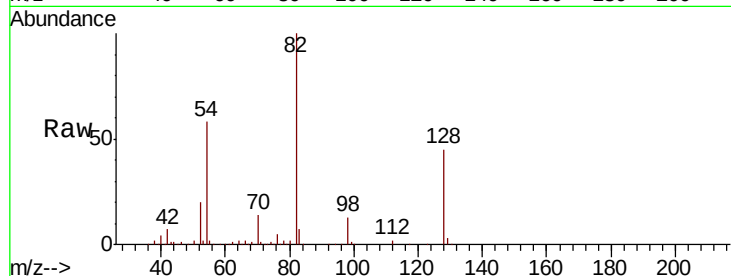




#23
 Nitrobenzene-d5
 Concen: 115.201 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

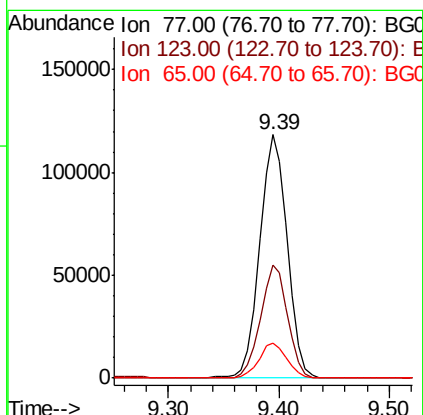
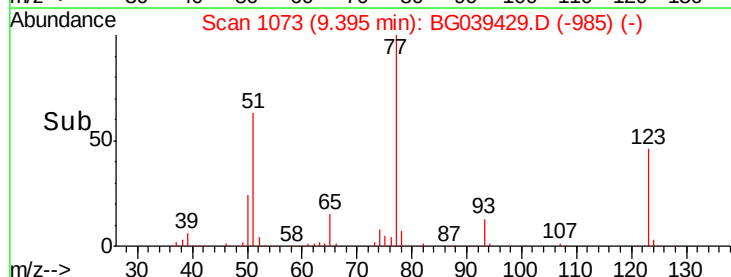
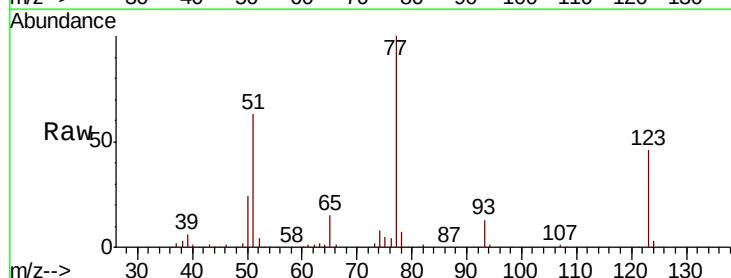
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

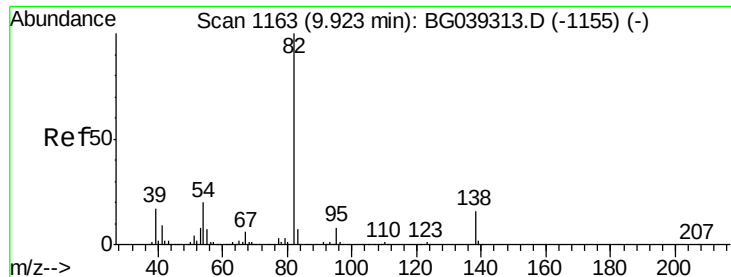
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.3	46.9
54	58.4	50.9	76.3



#24
 Nitrobenzene
 Concen: 53.871 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 50.777 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

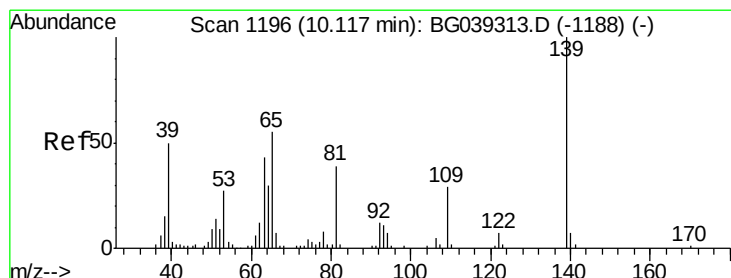
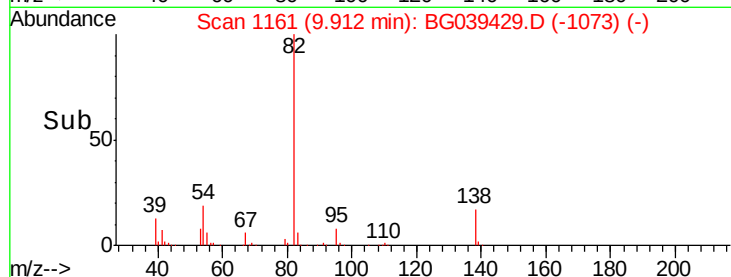
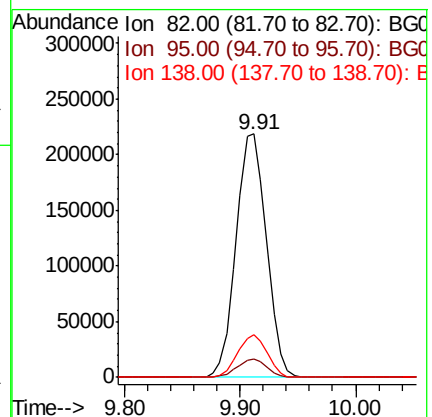
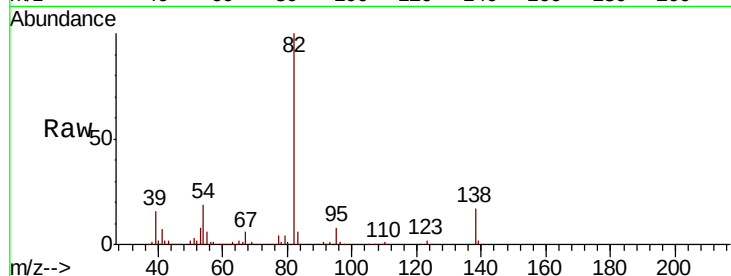
Tgt Ion: 82 Resp: 397721

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

138 17.4 13.0 19.4



#26

2-Nitrophenol

Concen: 60.753 ng

RT: 10.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

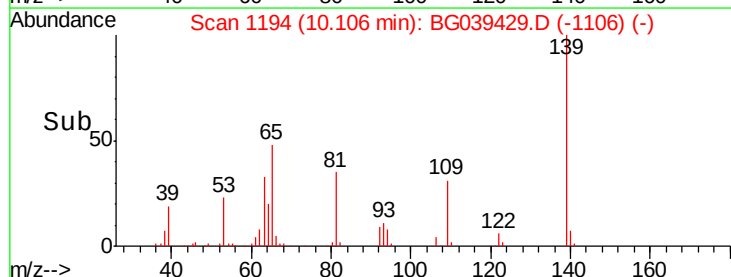
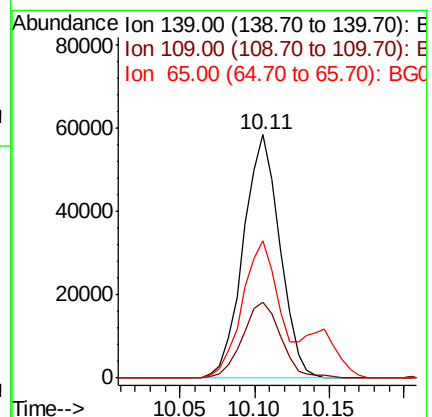
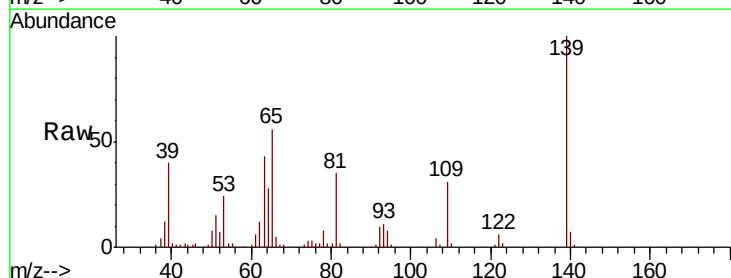
Tgt Ion: 139 Resp: 98743

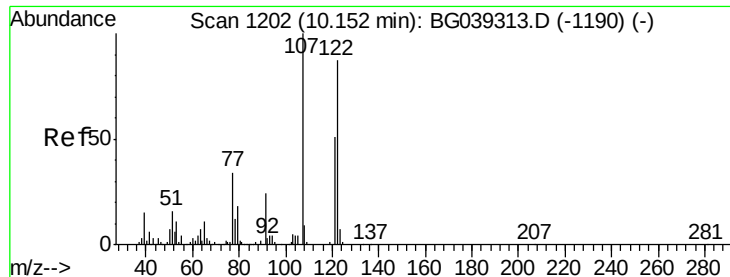
Ion Ratio Lower Upper

139 100

109 31.1 23.4 35.0

65 56.2 44.3 66.5

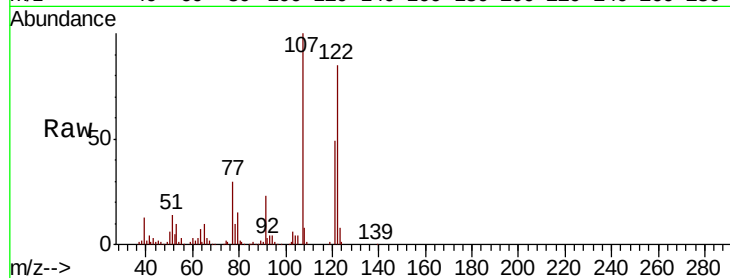




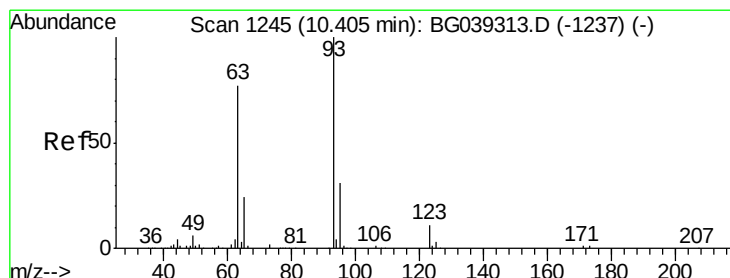
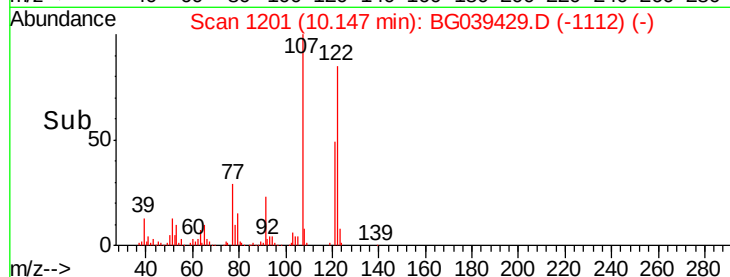
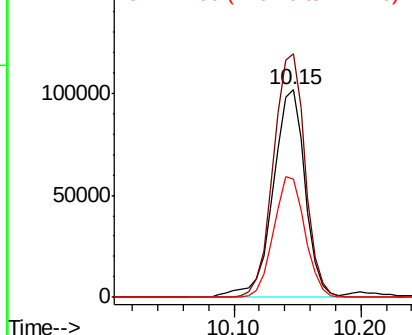
#27
2,4-Dimethylphenol
Concen: 56.232 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tgt Ion:122 Resp: 178173
Ion Ratio Lower Upper
122 100
107 117.3 91.7 137.5
121 57.0 46.4 69.6

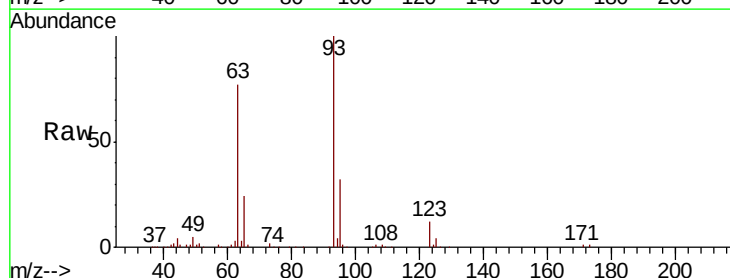


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

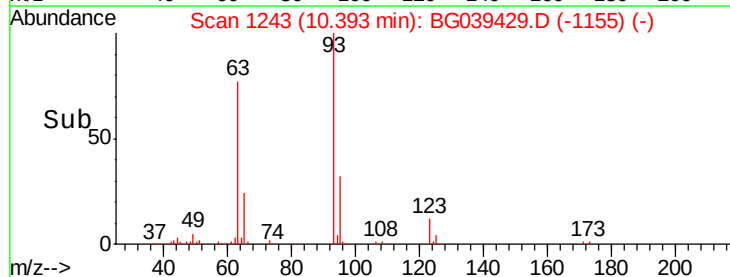
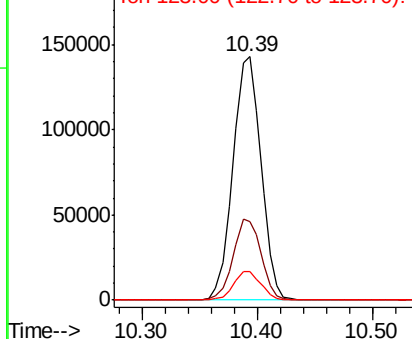


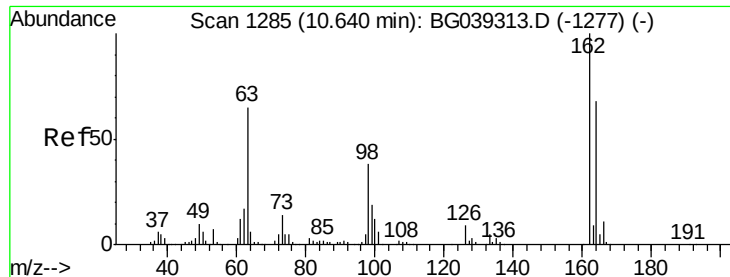
#28
bis(2-Chloroethoxy)methane
Concen: 49.815 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion: 93 Resp: 240336
Ion Ratio Lower Upper
93 100
95 32.1 25.0 37.4
123 11.8 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

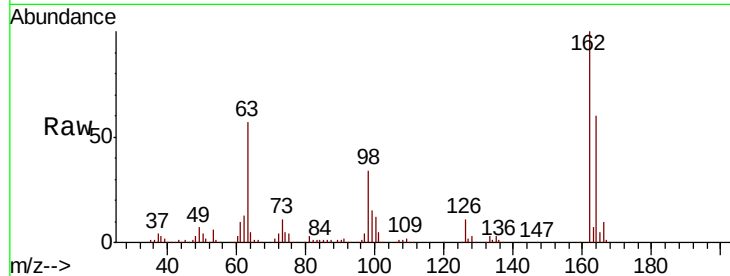




#29
2,4-Dichlorophenol
Concen: 55.947 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.3	48.1	88.1
98	34.0	18.1	58.1

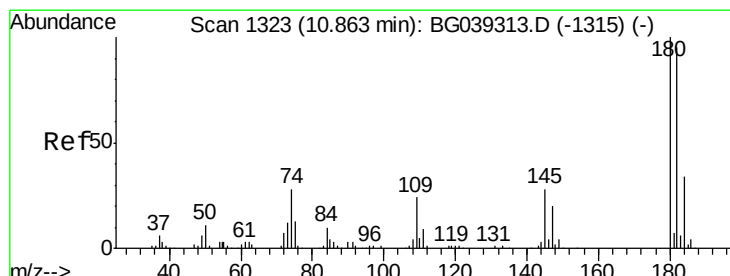
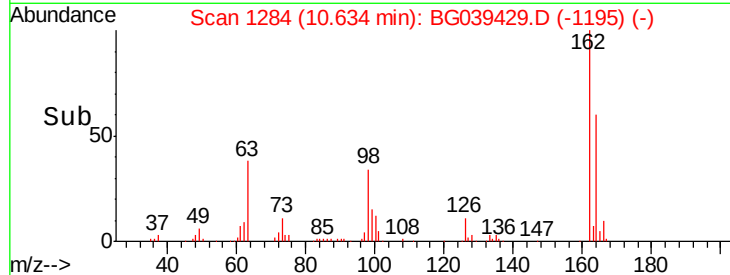
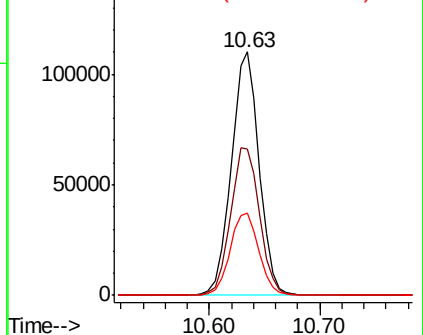


Abundance

Ion 162.00 (161.70 to 162.70): E

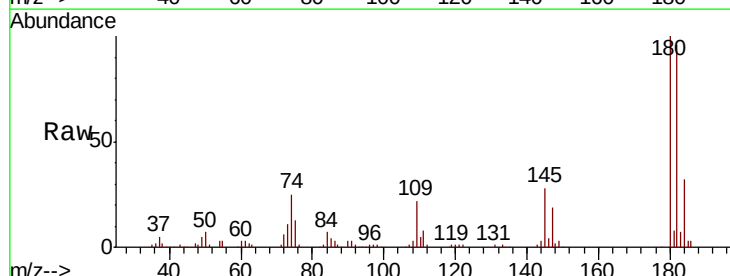
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 50.023 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	28.3	22.7	34.1

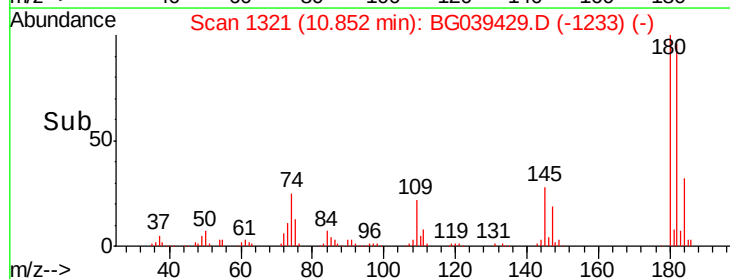
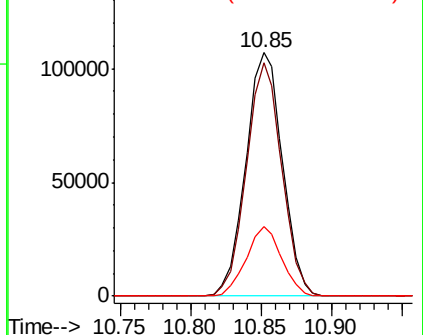


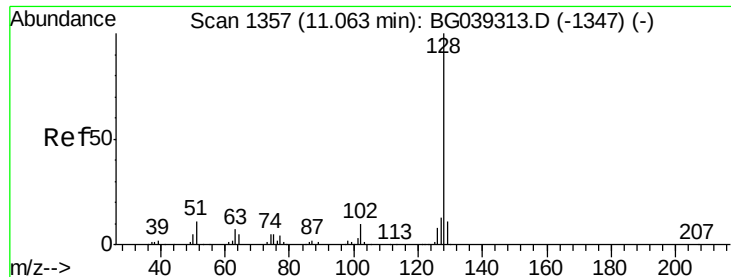
Abundance

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

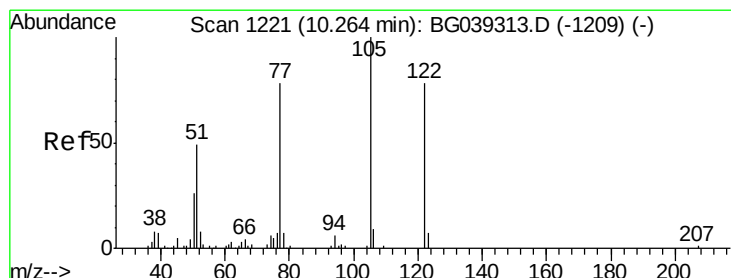
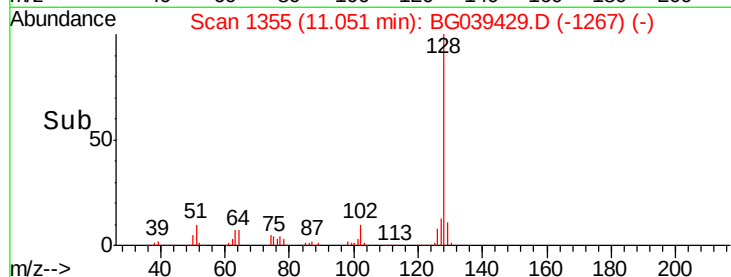
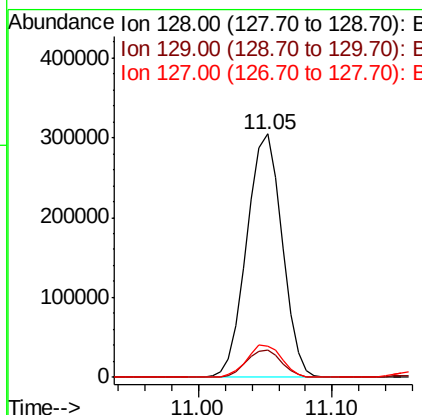
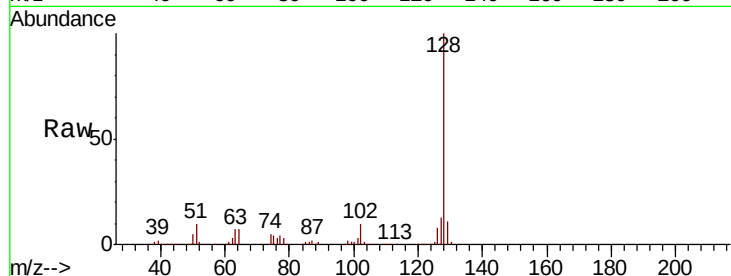




#31
Naphthalene
Concen: 50.827 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

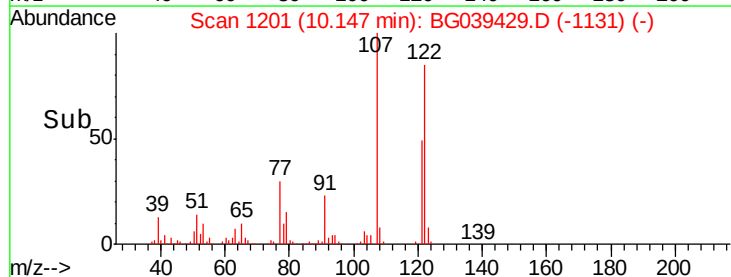
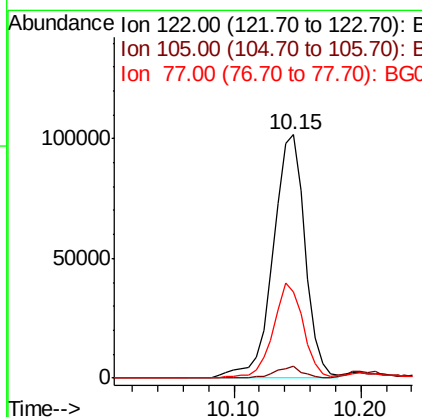
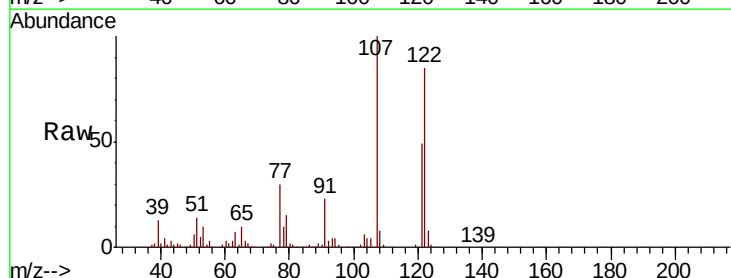
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

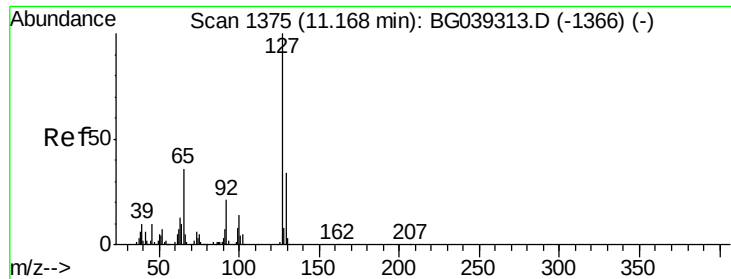
Tgt Ion:128 Resp: 556786
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 78.755 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.12 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion:122 Resp: 178173
Ion Ratio Lower Upper
122 100
105 4.7 101.8 141.8#
77 35.6 76.3 116.3#

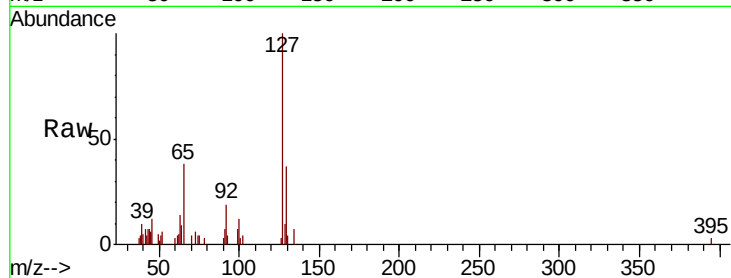




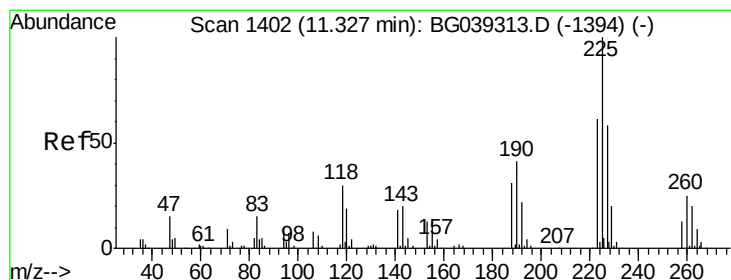
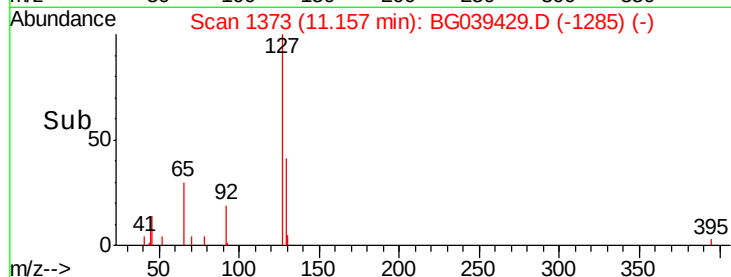
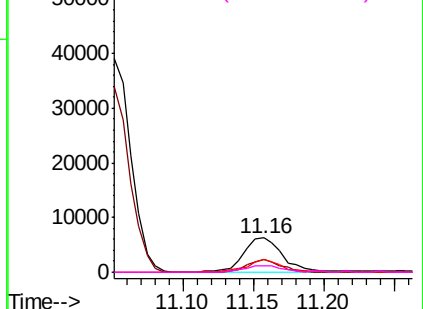
#33
4-Chloroaniline
Concen: 2.437 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tgt Ion:	127	Resp:	12378
Ion	Ratio	Lower	Upper
127	100		
129	37.5	27.0	40.4
65	37.9	28.8	43.2
92	19.4	16.6	25.0

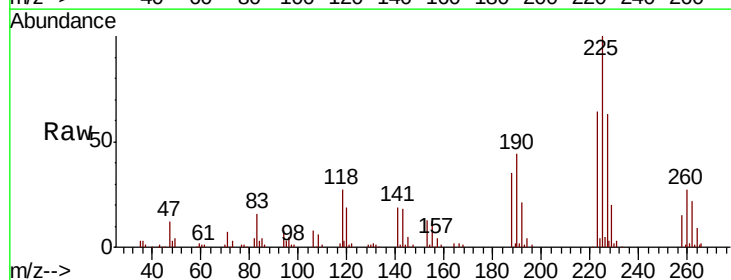


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

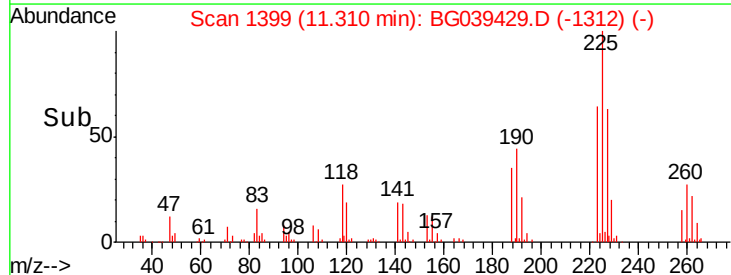
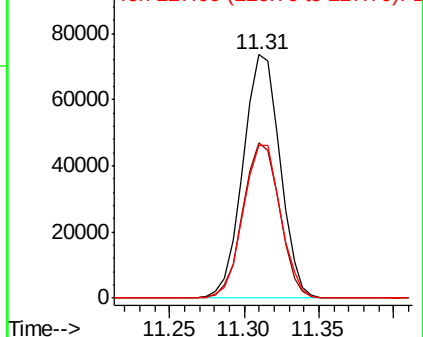


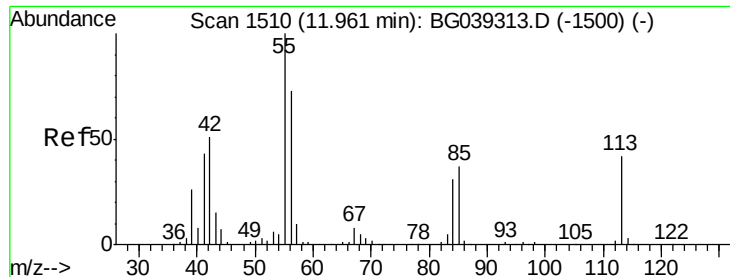
#34
Hexachlorobutadiene
Concen: 48.800 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion:	225	Resp:	126177
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.0	73.6
227	62.5	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

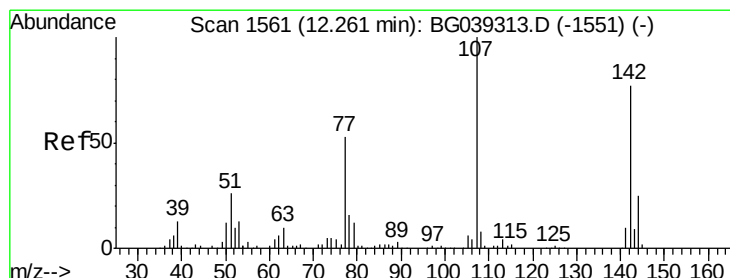
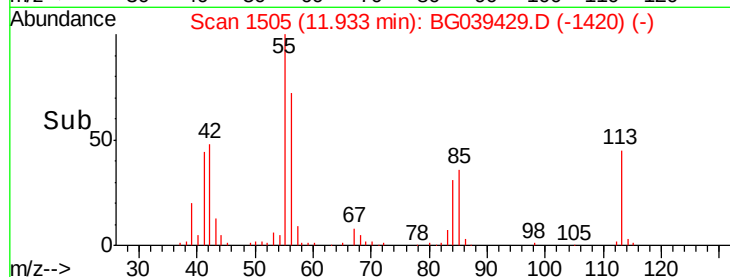
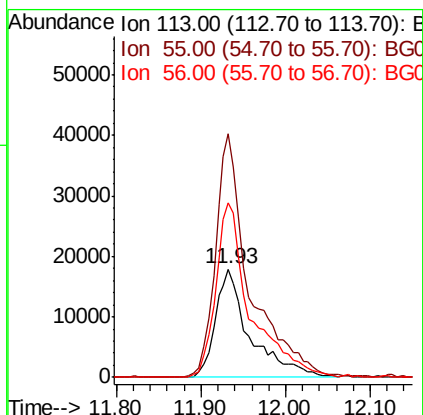
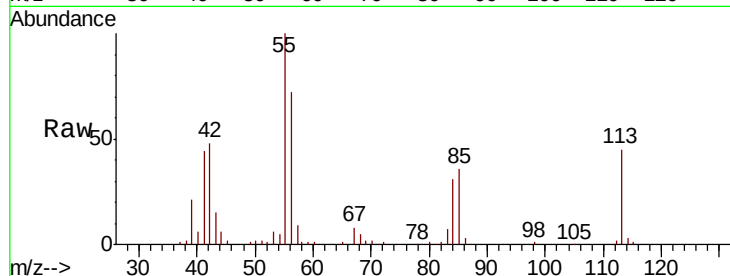




#35
 Caprolactam
 Concen: 35.362 ng
 RT: 11.93 min Scan# 1505
 Delta R.T. -0.03 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

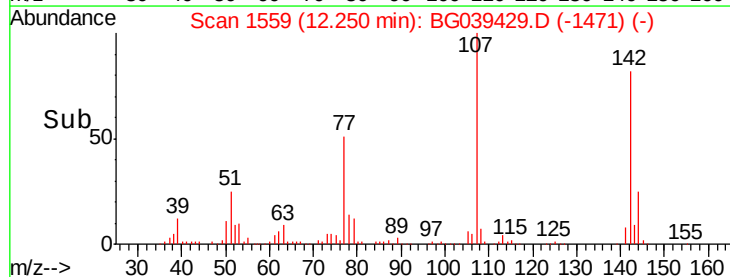
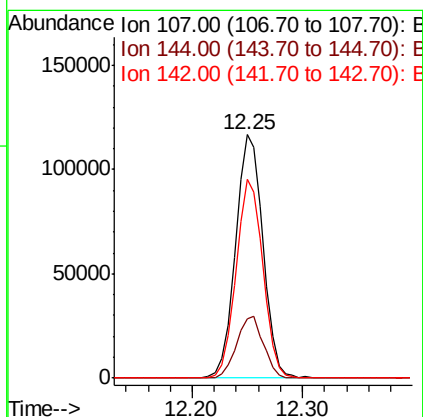
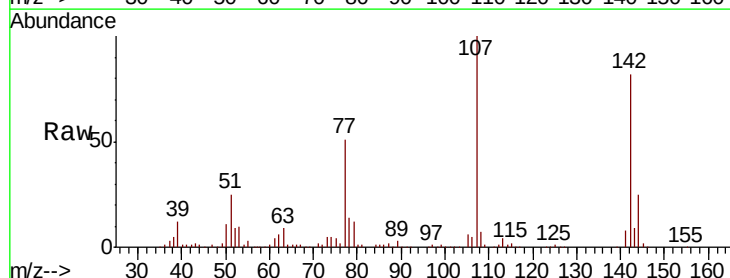
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

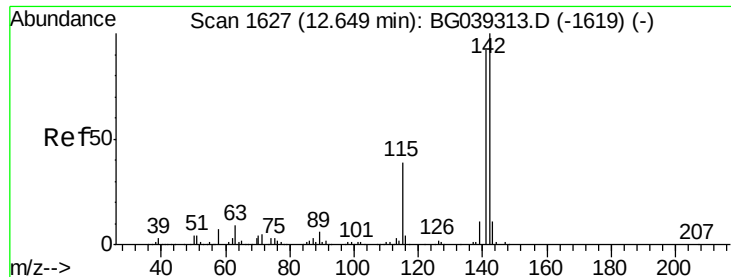
Tgt Ion:113 Resp: 50674
 Ion Ratio Lower Upper
 113 100
 55 224.4 216.9 256.9
 56 160.9 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.711 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion:107 Resp: 203096
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.2 30.2
 142 81.9 61.4 92.2

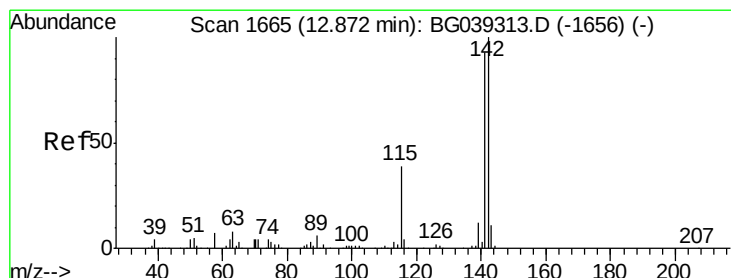
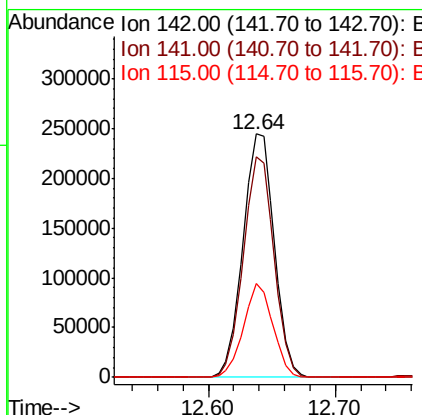
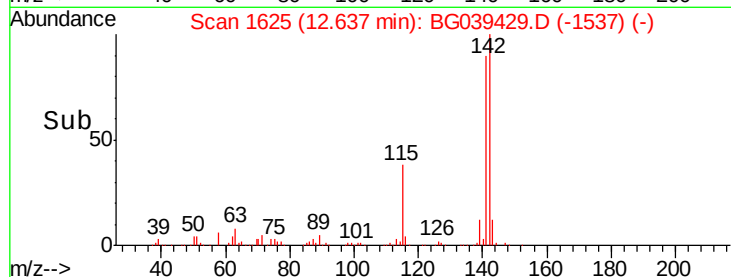
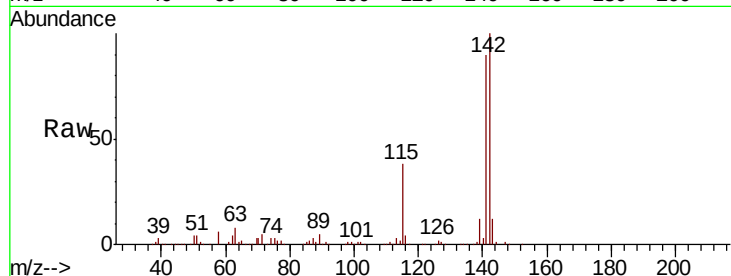




#37
 2-Methylnaphthalene
 Concen: 51.771 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

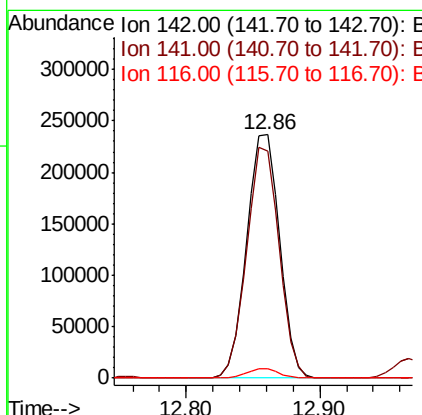
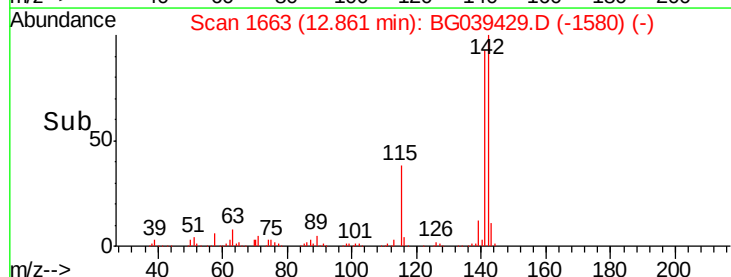
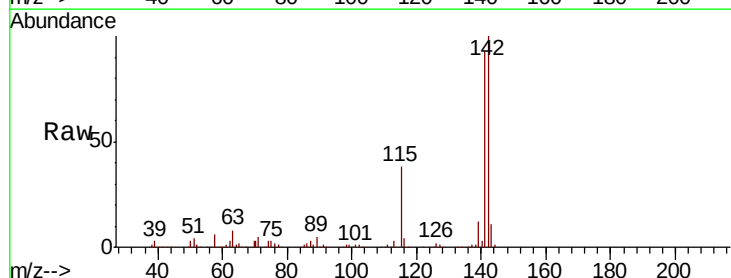
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

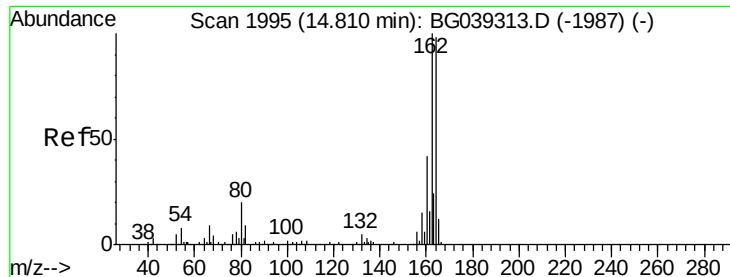
Tgt Ion:142 Resp: 420043
 Ion Ratio Lower Upper
 142 100
 141 90.5 73.5 110.3
 115 38.4 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 51.508 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion:142 Resp: 402847
 Ion Ratio Lower Upper
 142 100
 141 93.4 74.2 111.4
 116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

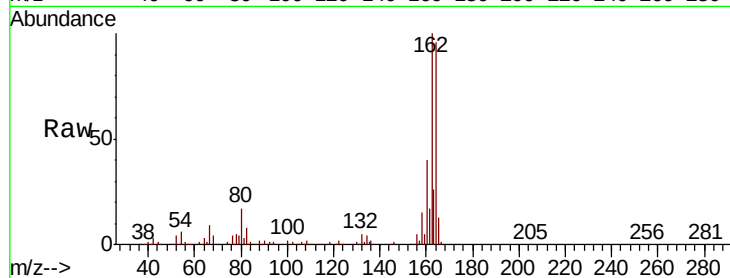
Tgt Ion:164 Resp: 148015

Ion Ratio Lower Upper

164 100

162 104.6 81.6 122.4

160 41.7 34.2 51.2

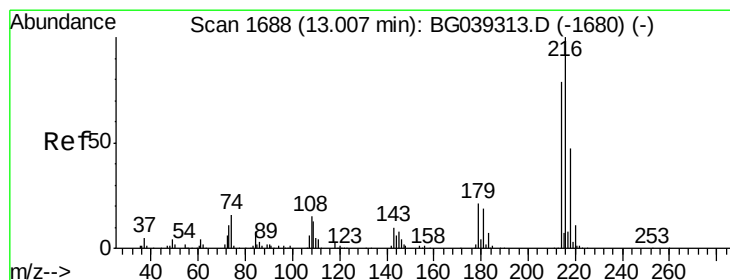
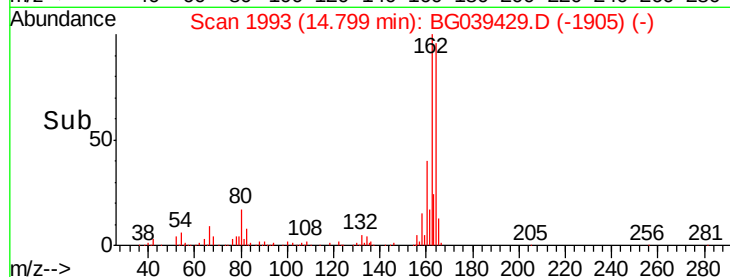
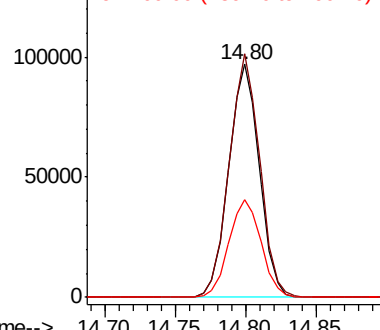


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.066 ng

RT: 13.00 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:216 Resp: 231072

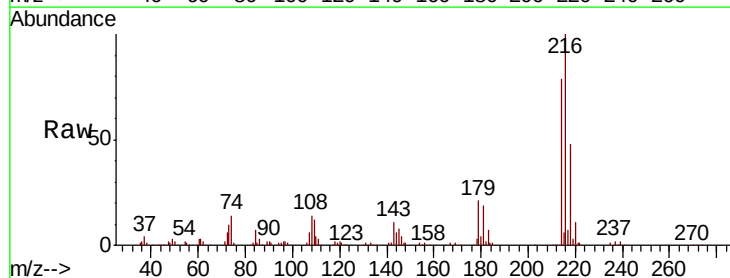
Ion Ratio Lower Upper

216 100

214 79.8 62.6 94.0

179 20.5 16.6 25.0

108 17.9 14.0 21.0



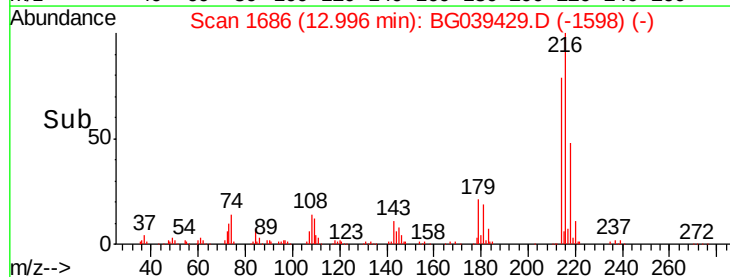
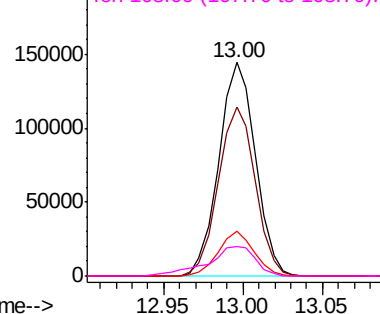
Abundance

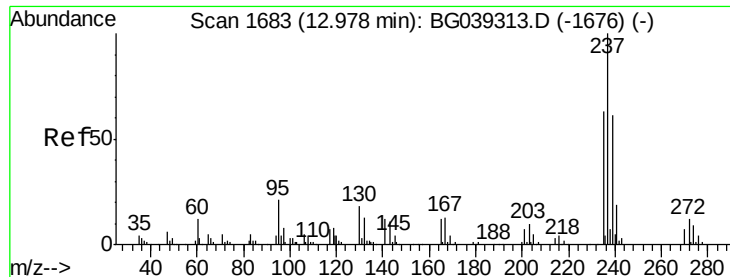
Ion 216.00 (215.70 to 216.70): E

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: 105.804 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

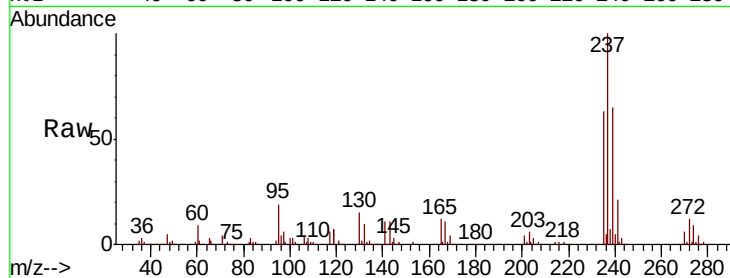
Tgt Ion:237 Resp: 271517

Ion Ratio Lower Upper

237 100

235 62.9 43.3 83.3

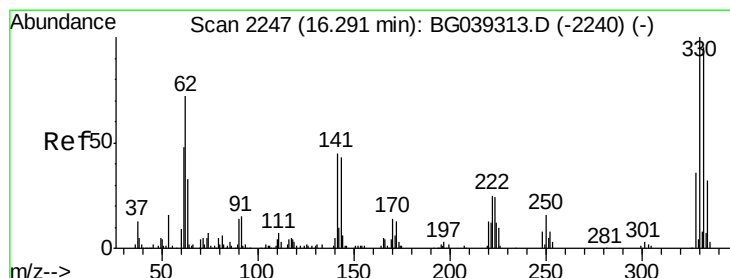
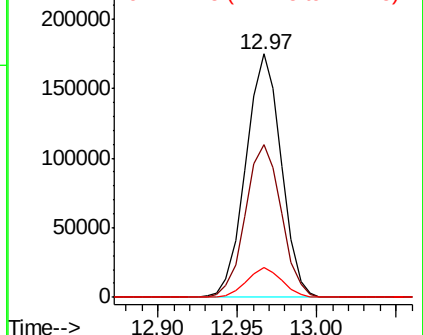
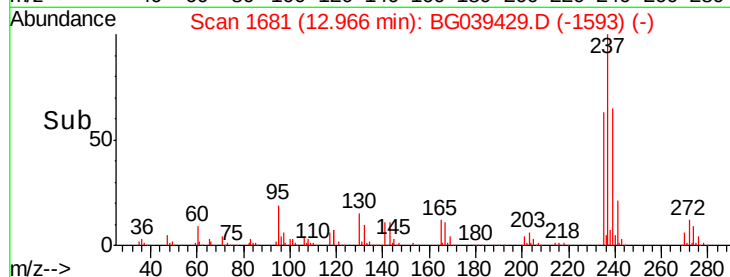
272 12.2 0.0 32.3



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: 160.831 ng

RT: 16.29 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

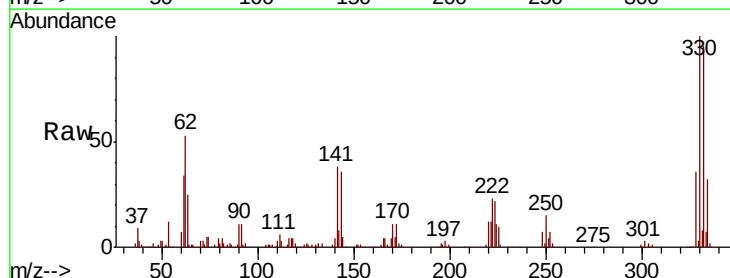
Tgt Ion:330 Resp: 256343

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

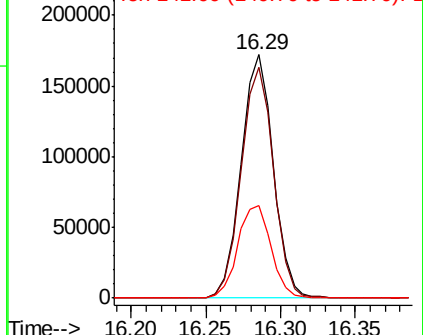
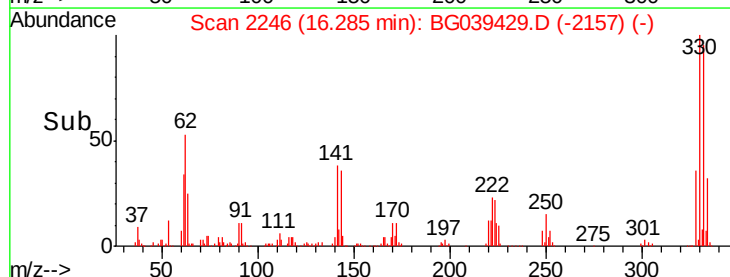
141 39.5 35.6 53.4

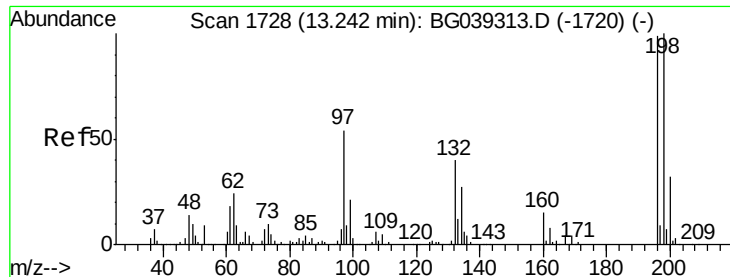


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

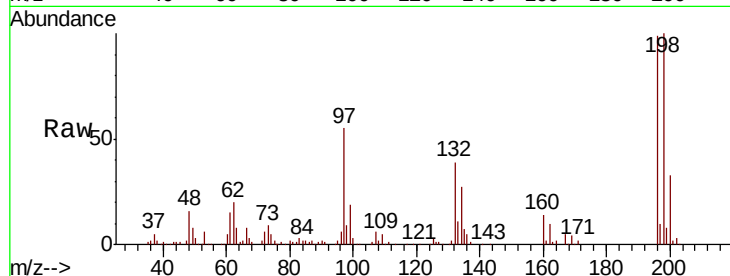




#43
 2,4,6-Trichlorophenol
 Concen: 54.329 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157315		
198	100.6	80.6	121.0	
200	33.4	26.1	39.1	

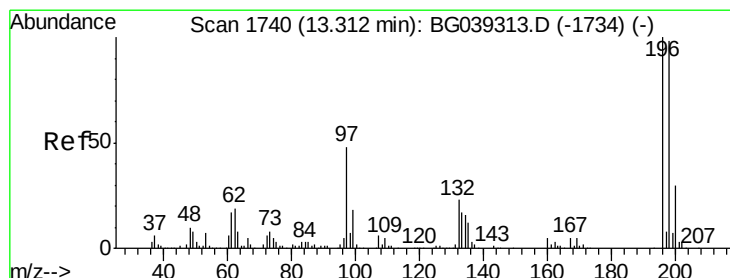
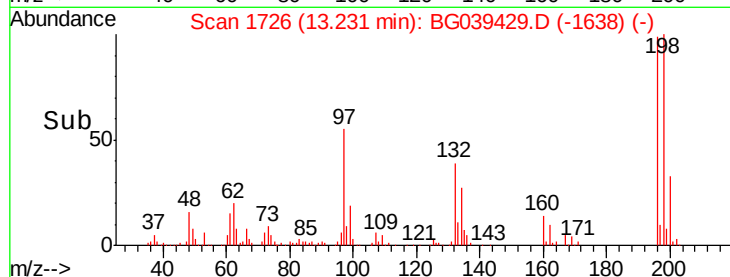
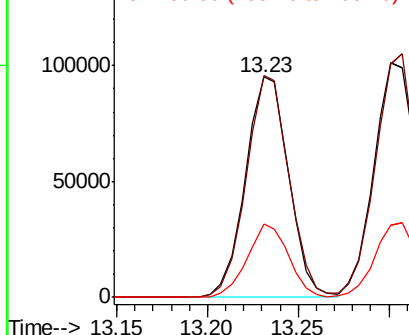


Abundance

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: 55.480 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168373		
198	99.5	78.5	117.7	
97	47.6	38.4	57.6	
132	26.0	19.2	28.8	

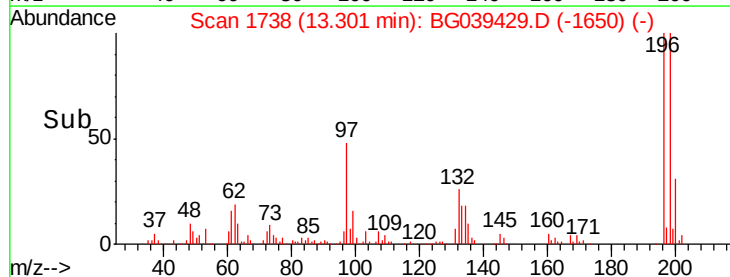
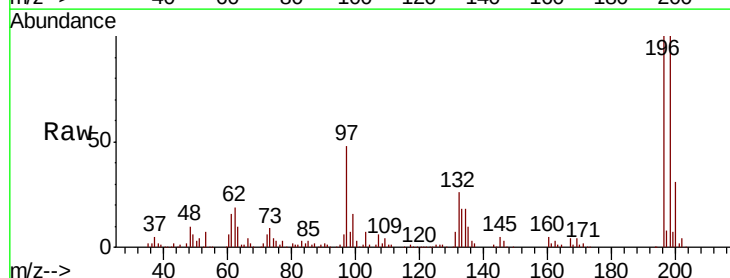
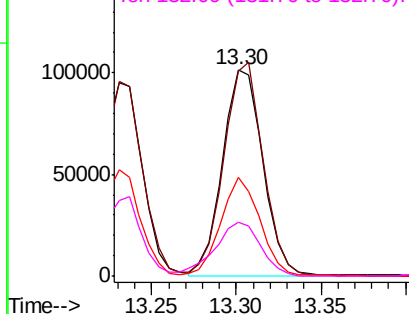
Abundance

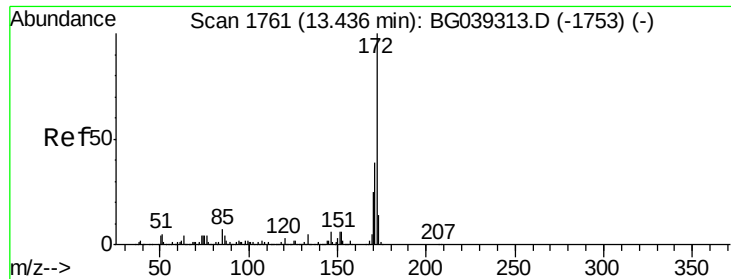
Ion 196.00 (195.70 to 196.70): E

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

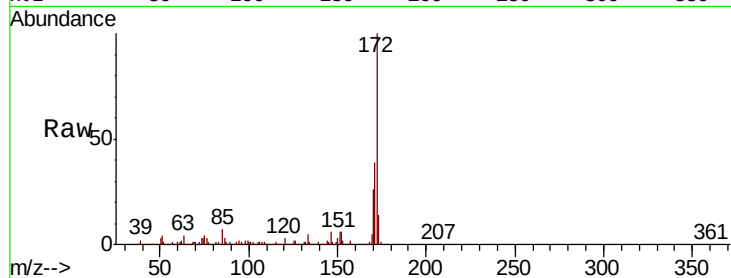




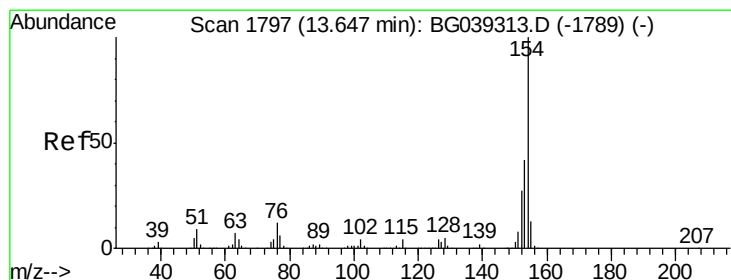
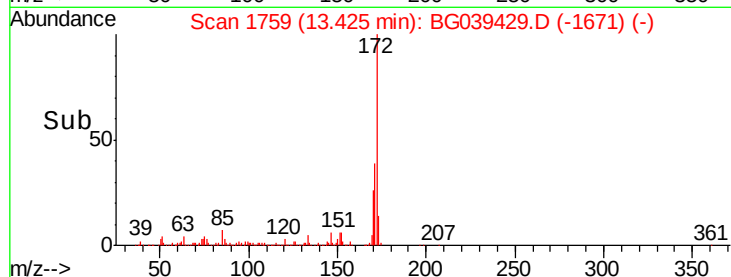
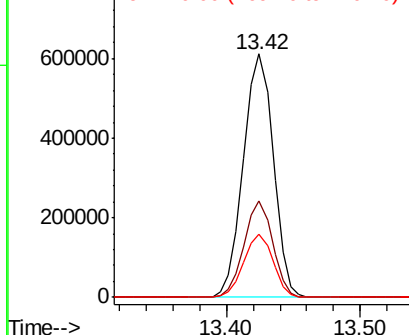
#45
2-Fluorobiphenyl
Concen: 91.980 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tgt Ion:172 Resp: 949035
Ion Ratio Lower Upper
172 100
171 39.4 30.8 46.2
170 25.9 20.2 30.4

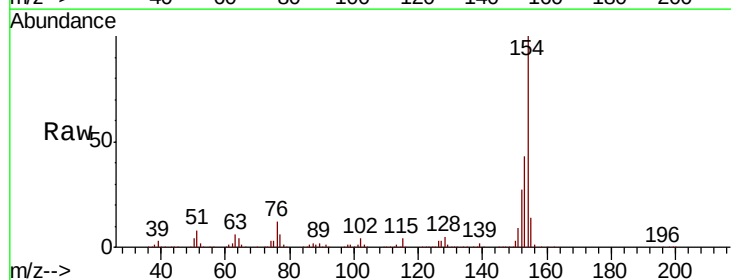


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

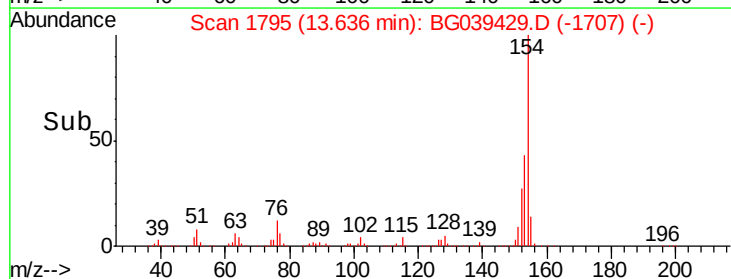
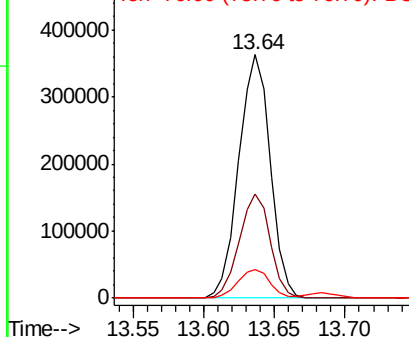


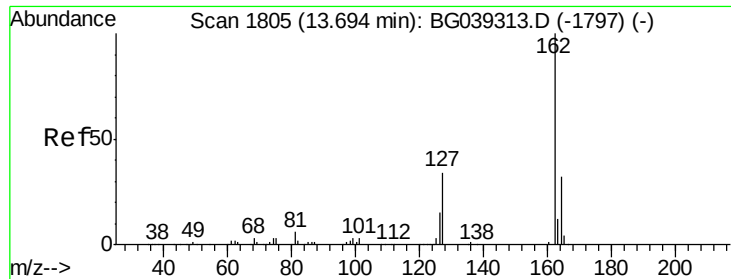
#46
1,1'-Biphenyl
Concen: 45.733 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion:154 Resp: 563218
Ion Ratio Lower Upper
154 100
153 43.0 22.1 62.1
76 11.9 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 46.890 ng

RT: 13.68 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

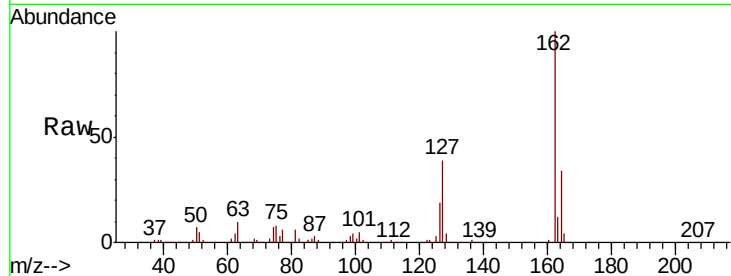
Tgt Ion: 162 Resp: 434412

Ion Ratio Lower Upper

162 100

127 39.1 31.0 46.6

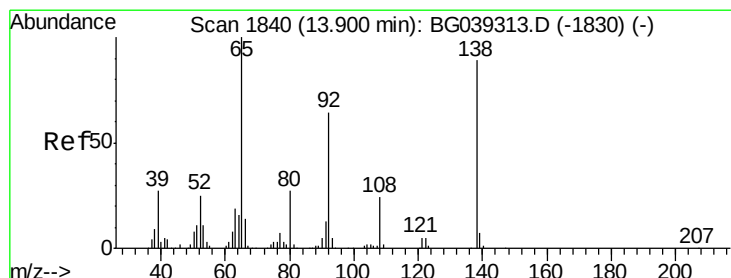
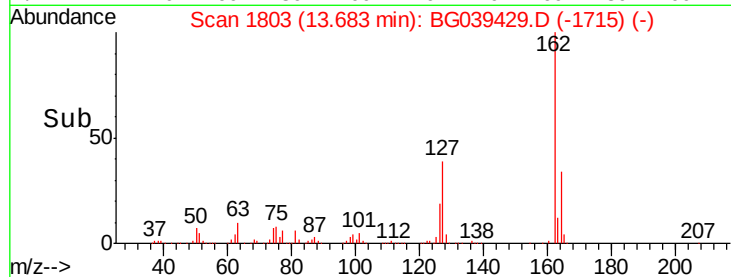
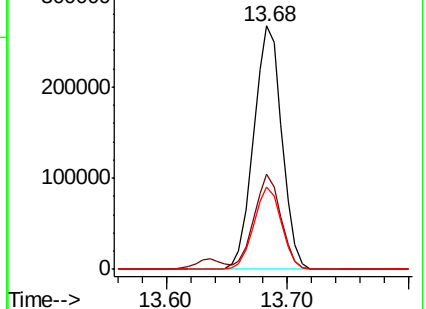
164 34.0 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 53.058 ng

RT: 13.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

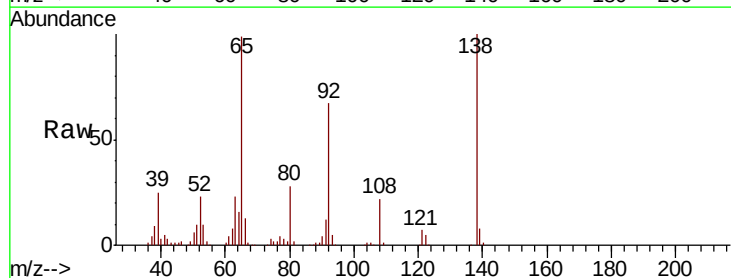
Tgt Ion: 65 Resp: 144019

Ion Ratio Lower Upper

65 100

92 67.9 51.4 77.2

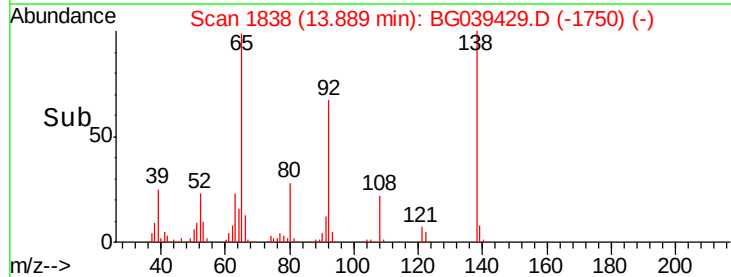
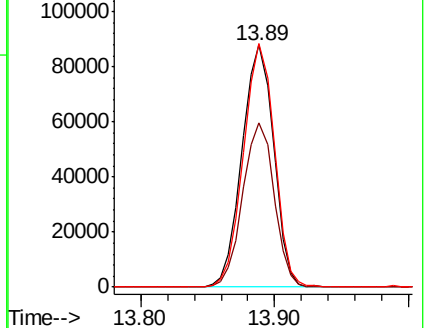
138 100.6 71.4 107.2

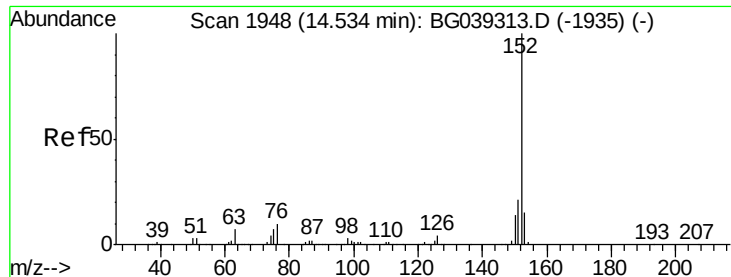


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.813 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

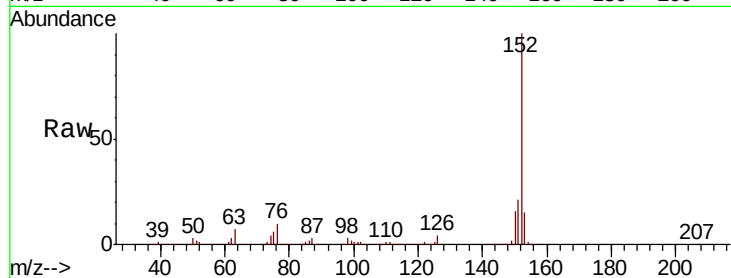
Tgt Ion:152 Resp: 696350

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

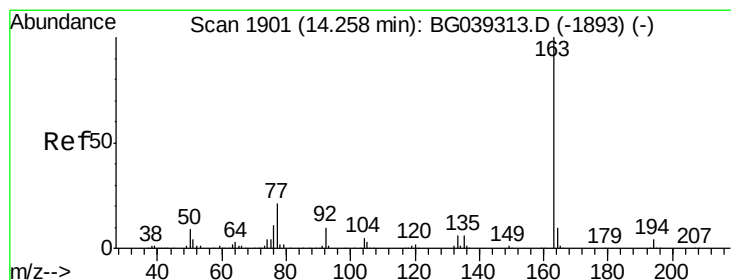
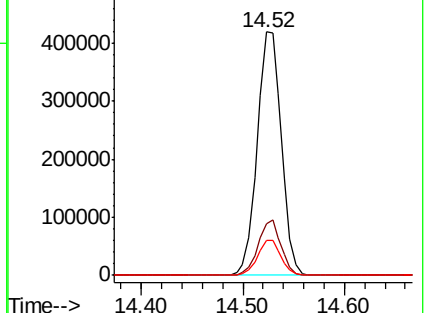
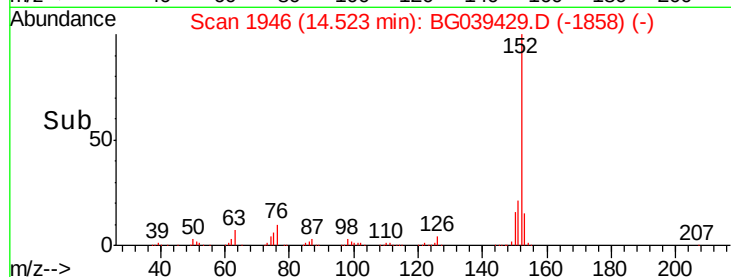
153 14.6 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.121 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

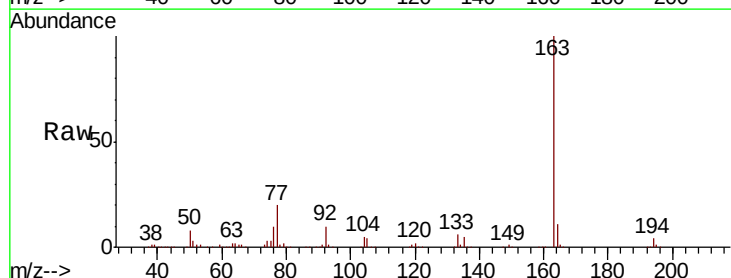
Tgt Ion:163 Resp: 575252

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

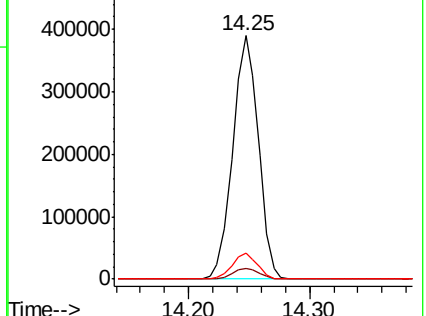
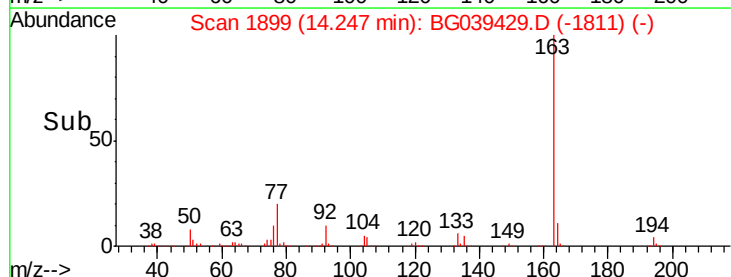
164 10.7 8.4 12.6

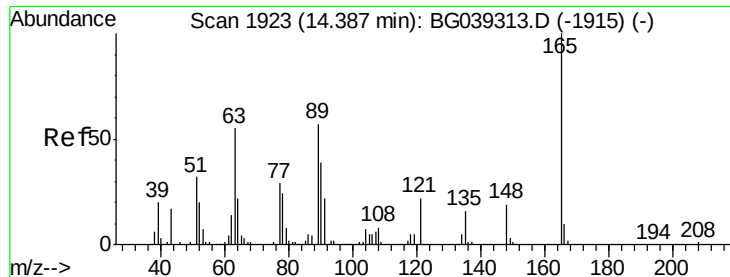


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

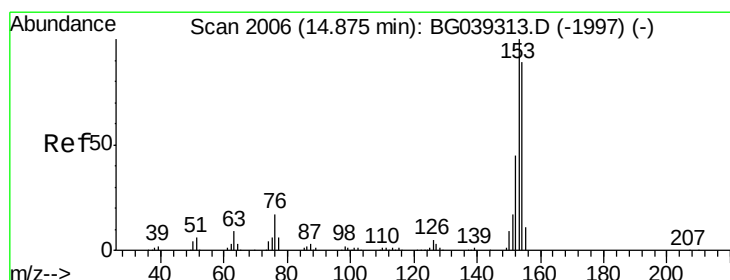
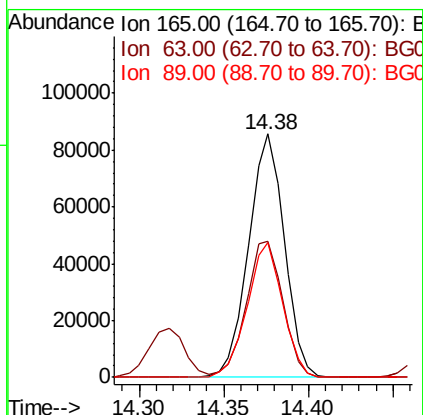
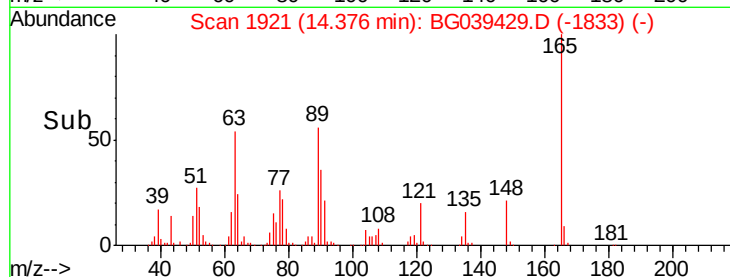
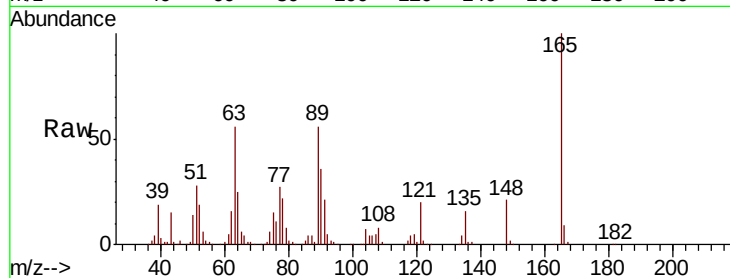




#51
2,6-Dinitrotoluene
Concen: 55.332 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

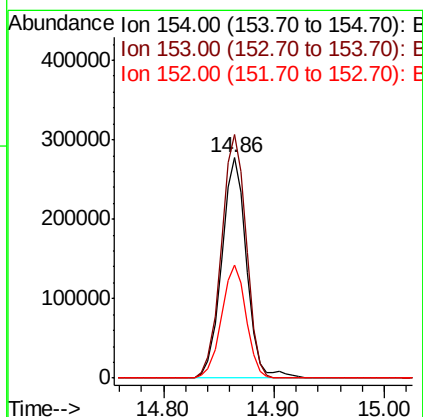
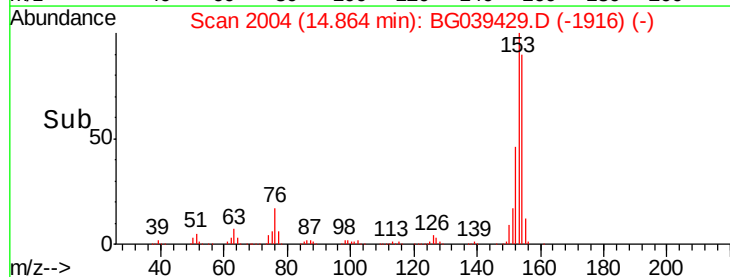
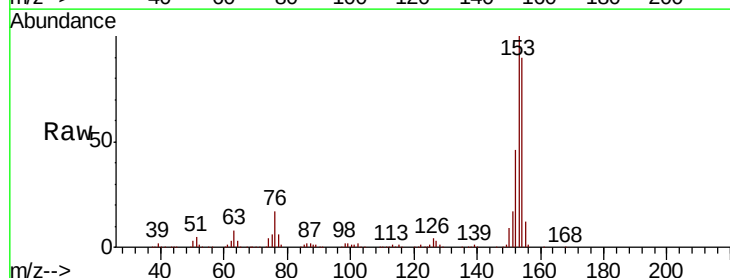
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

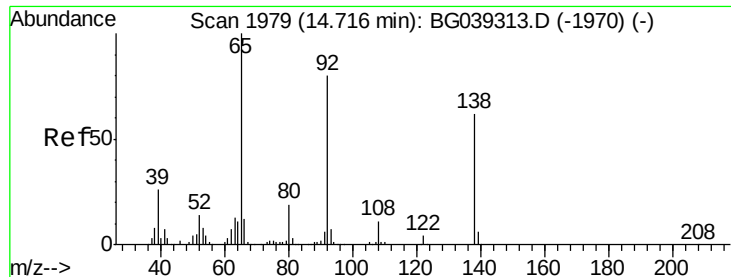
Tgt Ion:165 Resp: 126215
Ion Ratio Lower Upper
165 100
63 55.7 47.0 70.6
89 55.6 45.8 68.8



#52
Acenaphthene
Concen: 48.178 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion:154 Resp: 437178
Ion Ratio Lower Upper
154 100
153 110.5 90.1 135.1
152 51.2 40.9 61.3





#53

3-Nitroaniline

Concen: 16.373 ng

RT: 14.71 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

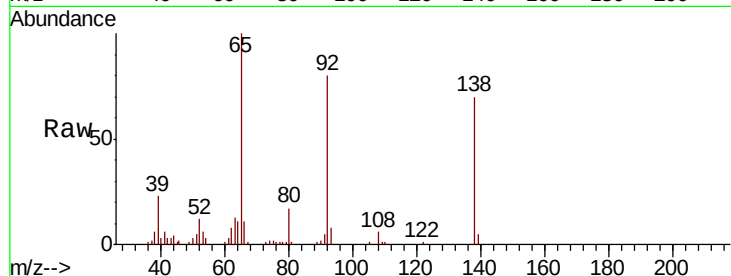
Tgt Ion:138 Resp: 29007

Ion Ratio Lower Upper

138 100

108 8.7 13.8 20.8#

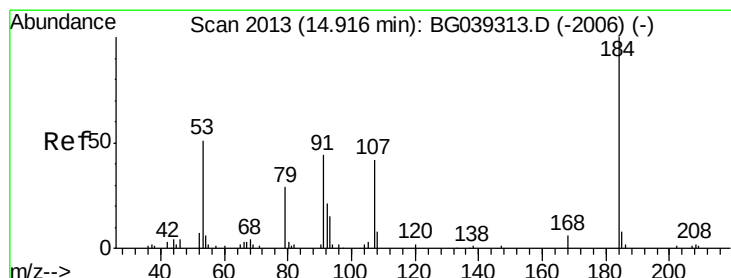
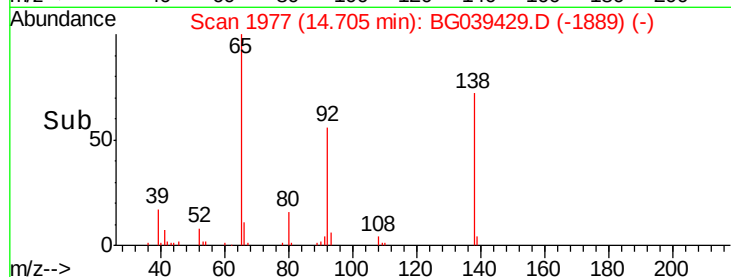
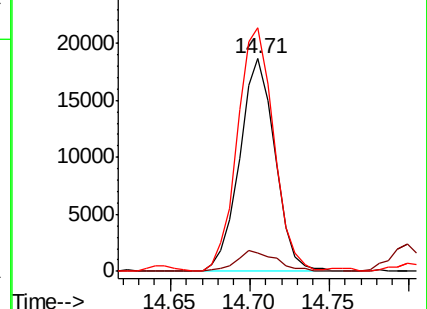
92 114.5 103.7 155.5



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: 28.238 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

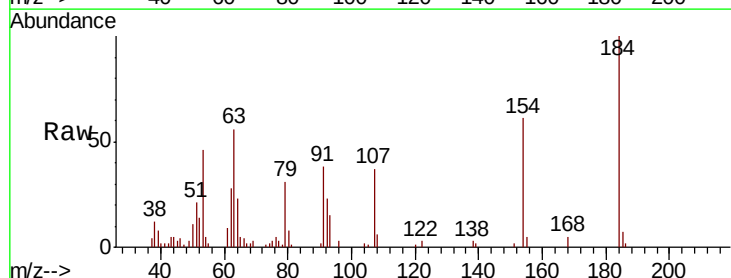
Tgt Ion:184 Resp: 18665

Ion Ratio Lower Upper

184 100

63 56.1 50.9 76.3

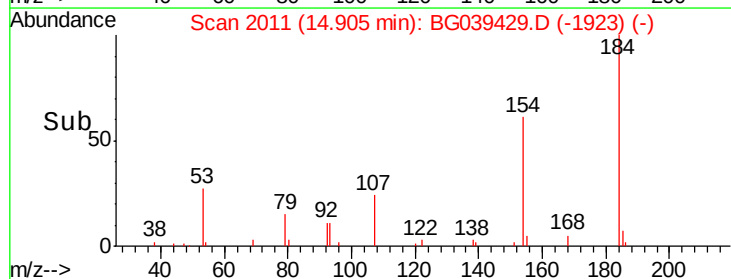
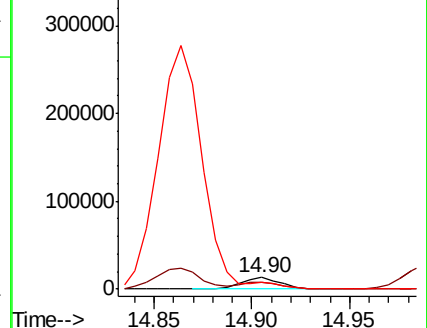
154 61.3 53.0 79.6

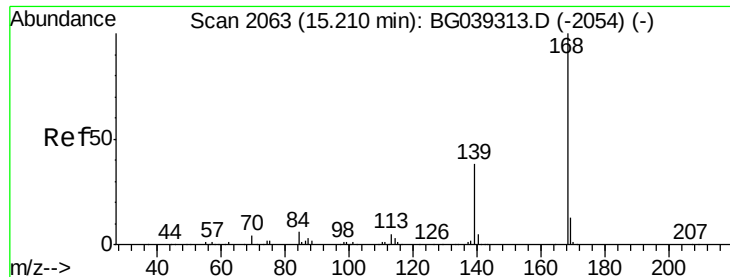


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

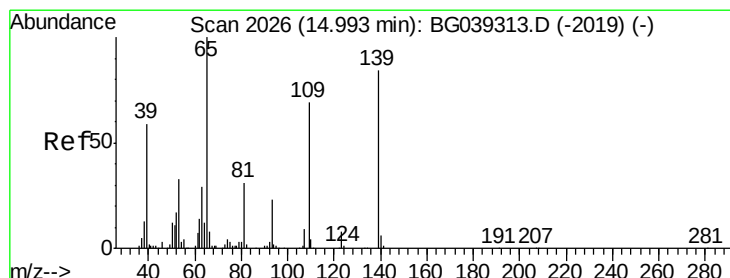
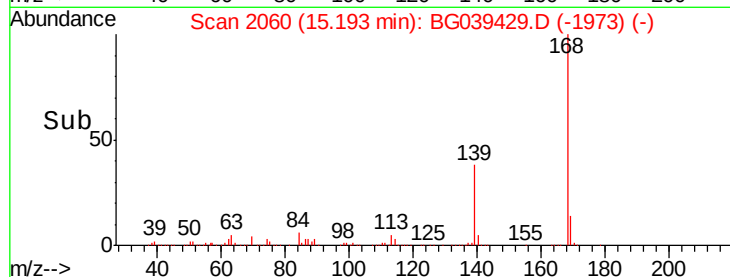
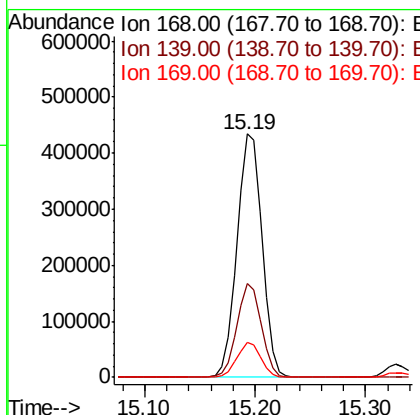
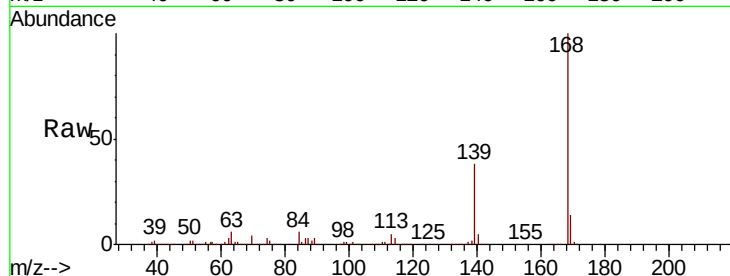




#55
Dibenzofuran
Concen: 47.655 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

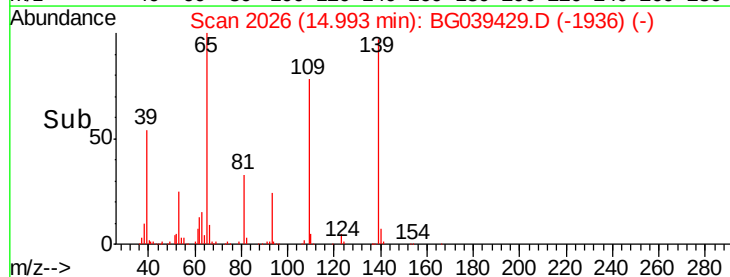
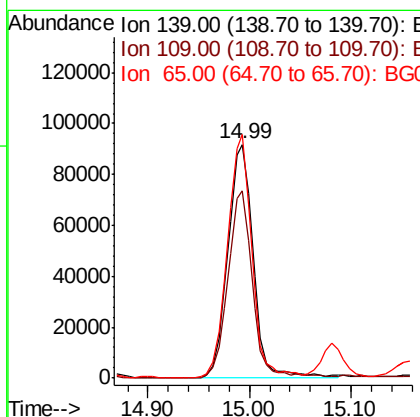
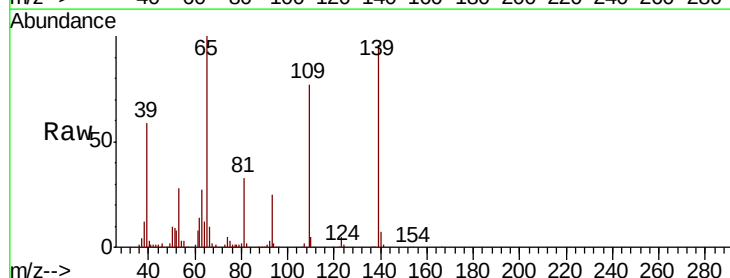
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

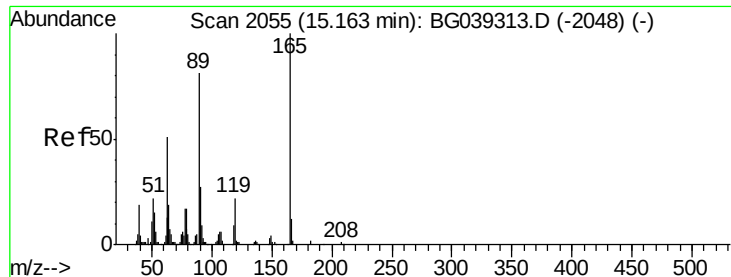
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.2	10.6	16.0



#56
4-Nitrophenol
Concen: 74.608 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.1	61.9	101.9
65	104.1	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 60.709 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

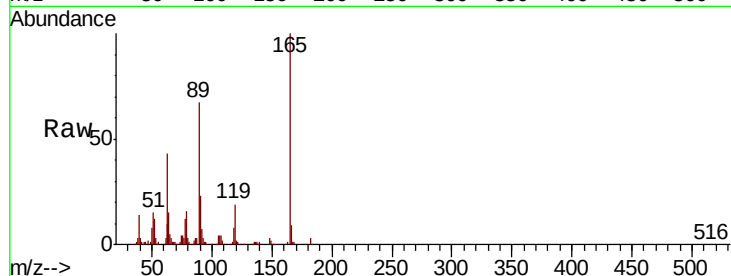
Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

Tgt Ion:	165	Resp:	180826
Ion	Ratio	Lower	Upper
165	100		
63	42.8	41.0	61.6
89	66.6	64.6	96.8
182	3.2	2.0	3.0#

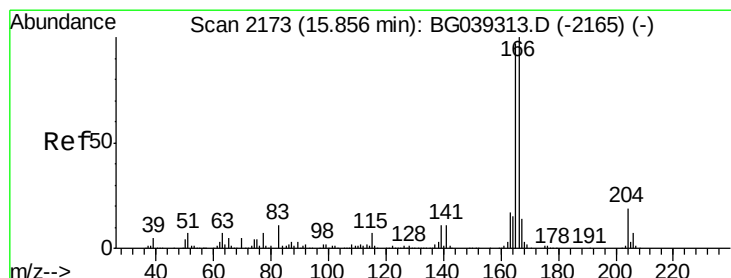
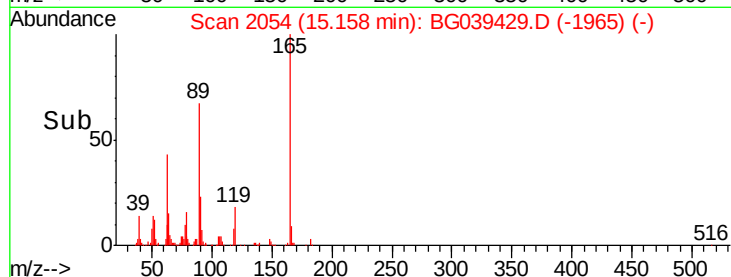
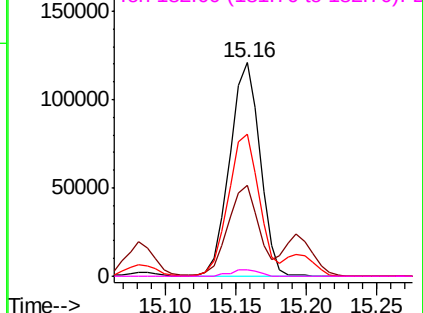


Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.611 ng

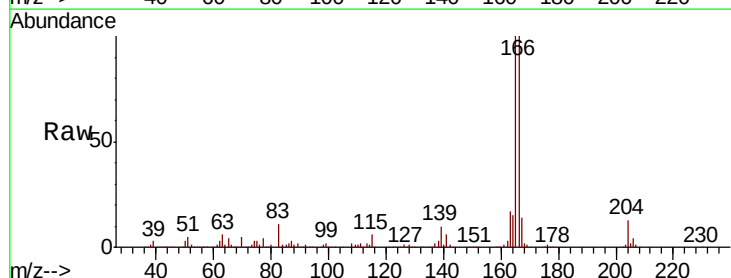
RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

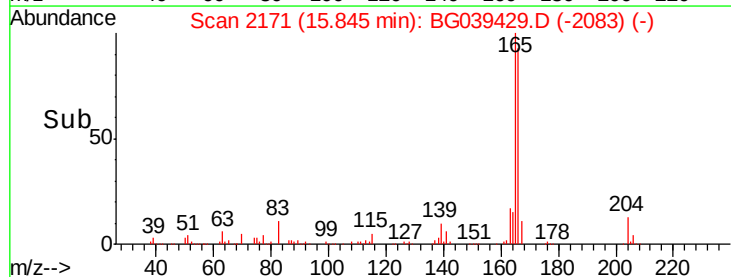
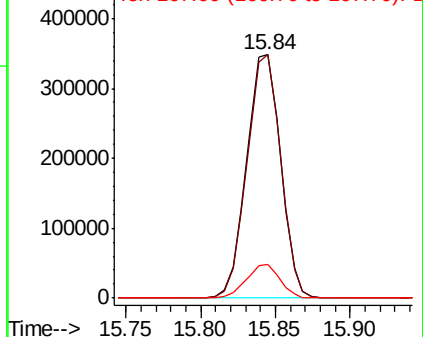
Tgt Ion:	166	Resp:	548916
Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.9	116.9
167	13.7	10.8	16.2

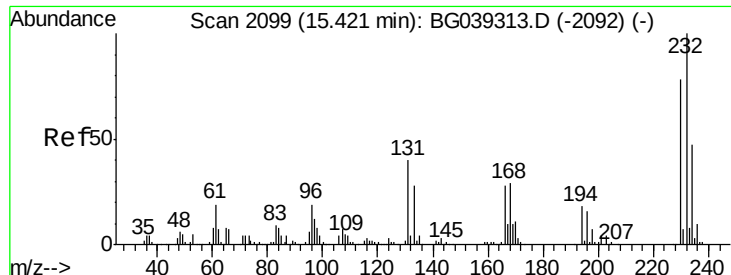


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

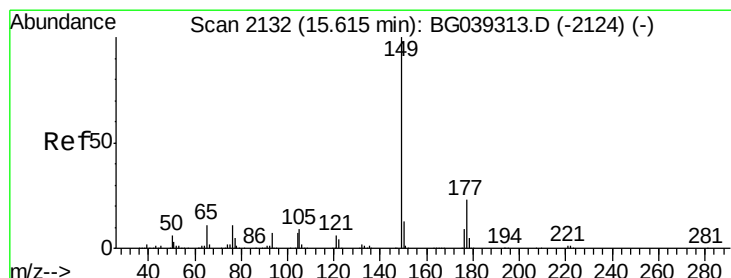
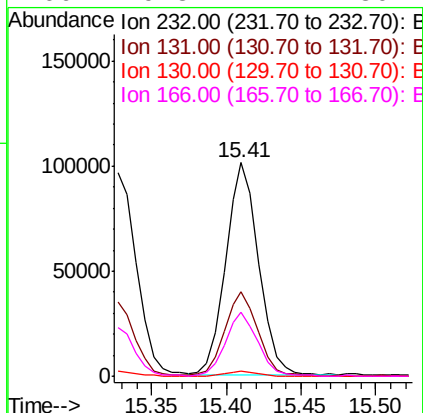
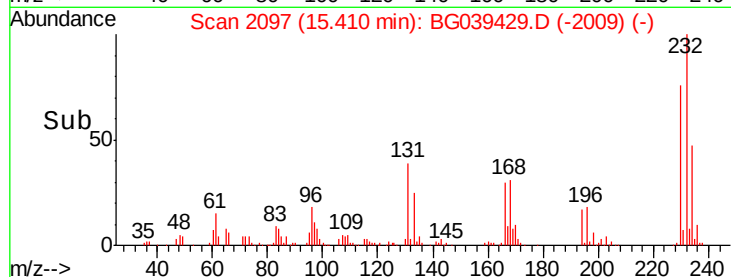
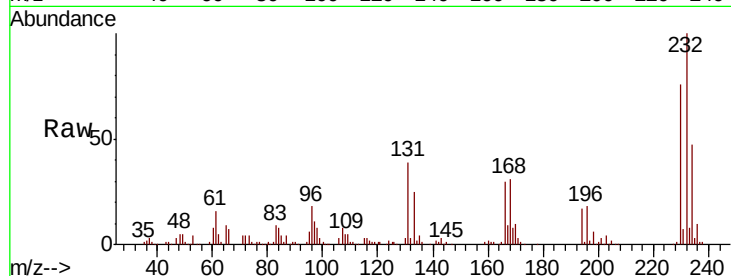




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.730 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

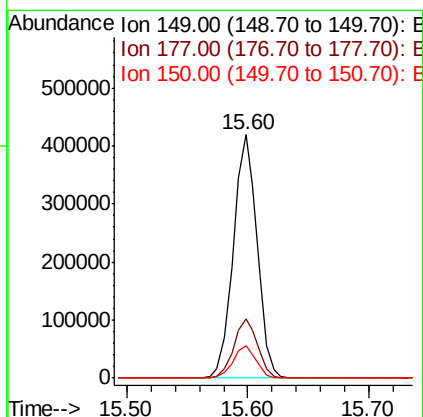
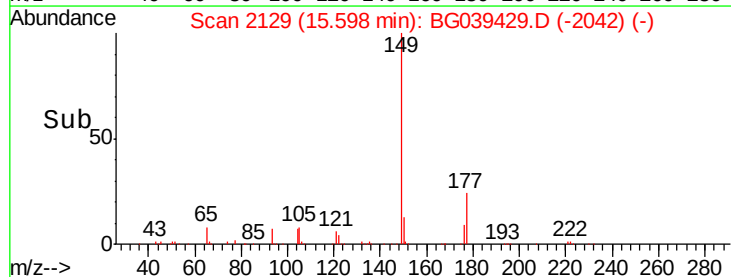
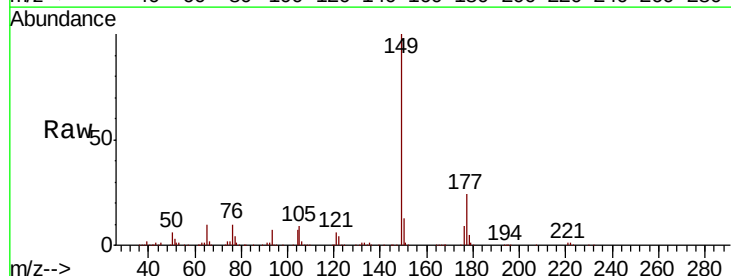
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

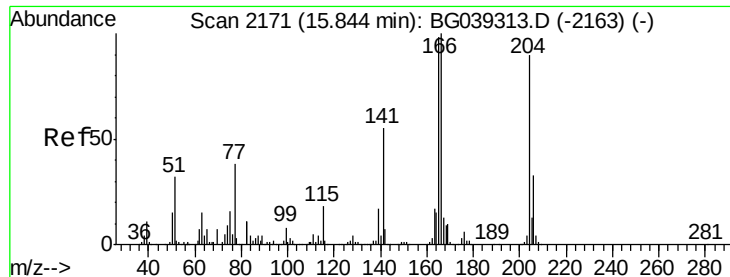
Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.7	34.9	52.3
130	2.4	2.0	3.0
166	29.3	24.1	36.1



#60
 Diethylphthalate
 Concen: 46.261 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	13.4	10.2	15.2

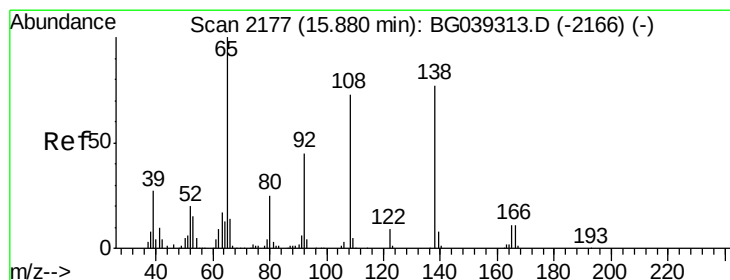
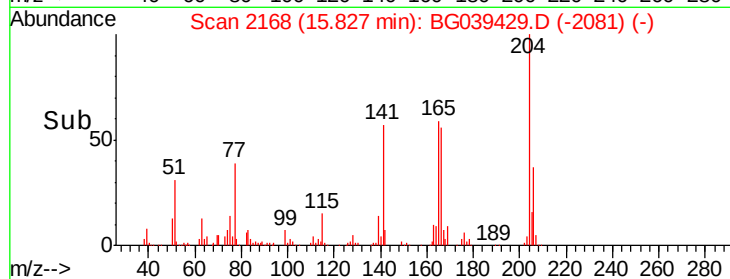
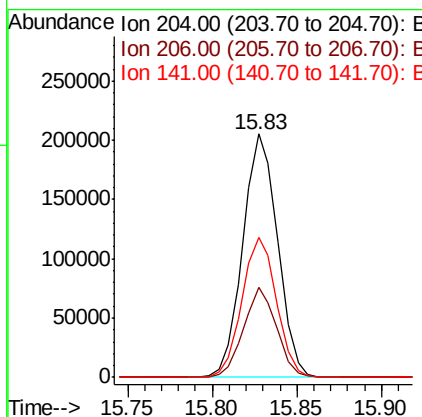
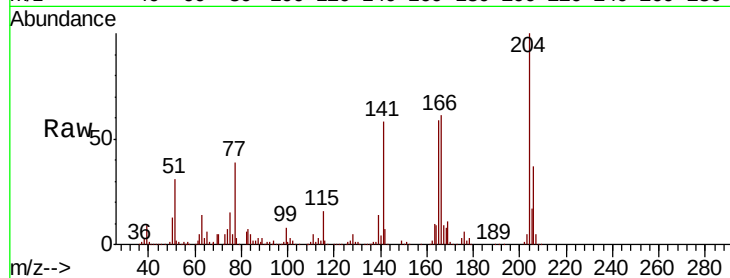




#61
4-Chlorophenyl-phenylether
Concen: 47.865 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

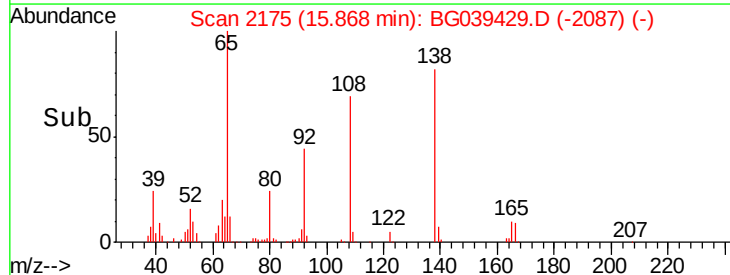
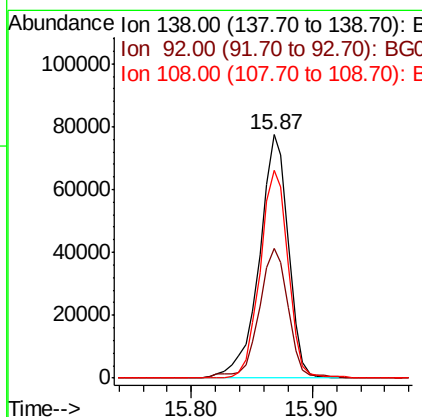
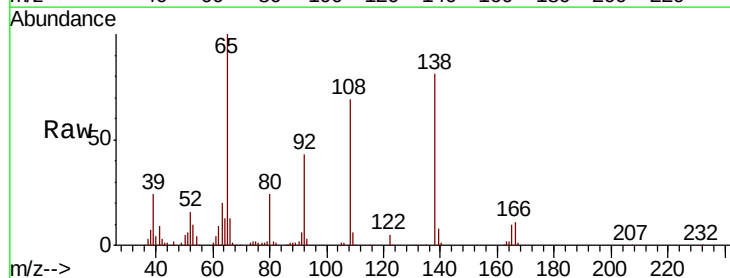
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

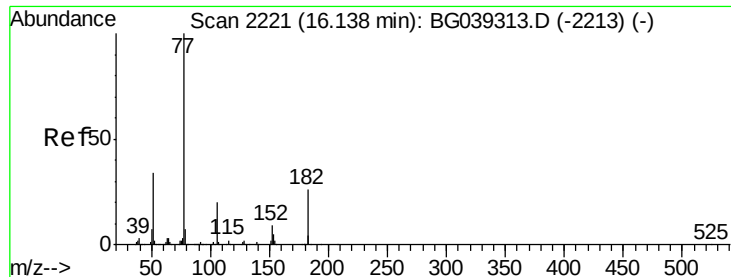
Tgt Ion: 204 Resp: 293951
Ion Ratio Lower Upper
204 100
206 37.2 29.2 43.8
141 57.6 49.0 73.4



#62
4-Nitroaniline
Concen: 51.078 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion: 138 Resp: 128782
Ion Ratio Lower Upper
138 100
92 53.4 38.7 78.7
108 85.1 74.6 114.6

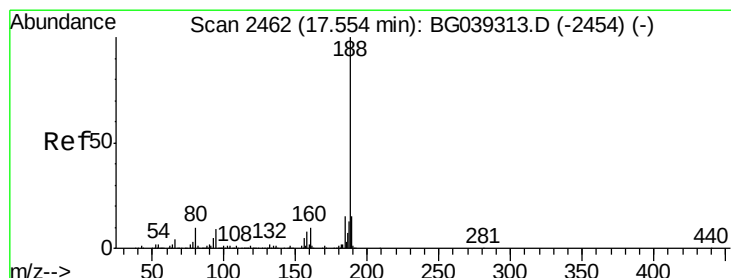
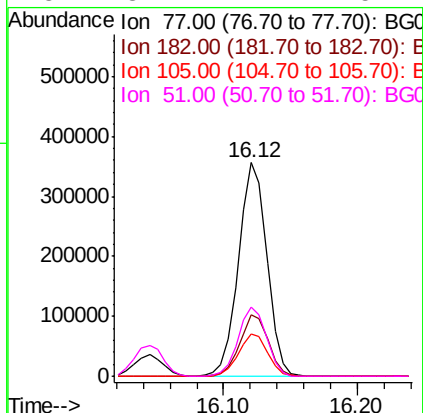
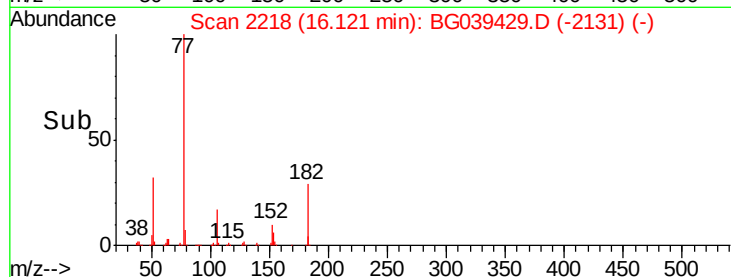
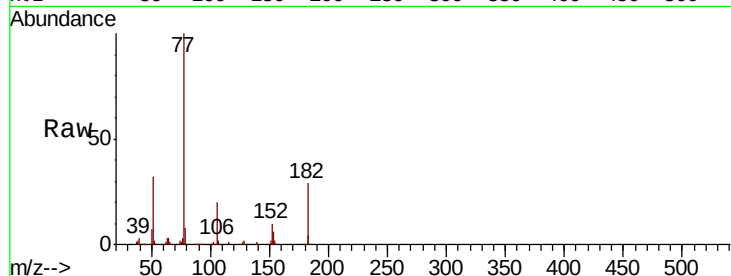




#63
Azobenzene
Concen: 43.354 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

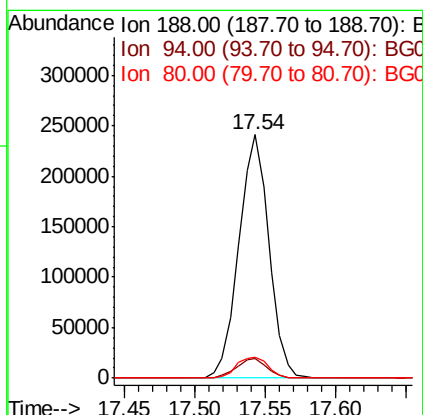
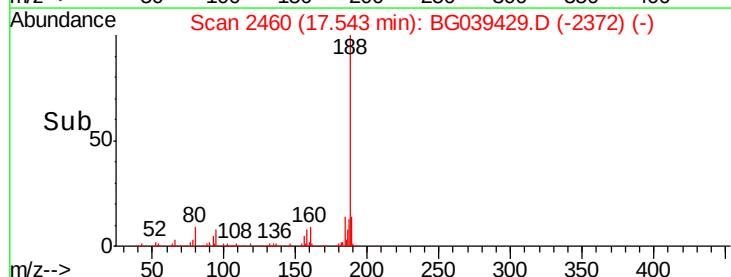
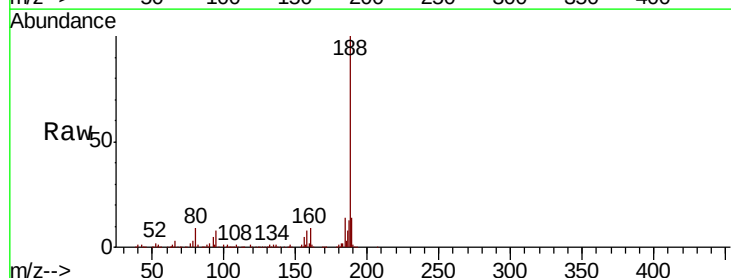
Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

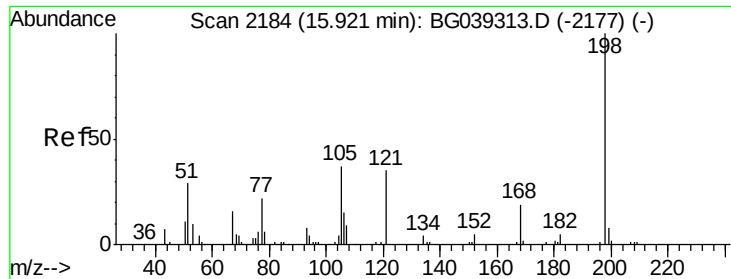
Tgt Ion:	77	Resp:	523743
Ion	Ratio	Lower	Upper
77	100		
182	28.8	6.4	46.4
105	20.0	0.0	39.8
51	32.2	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion:	188	Resp:	358563
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.7	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 25.242 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

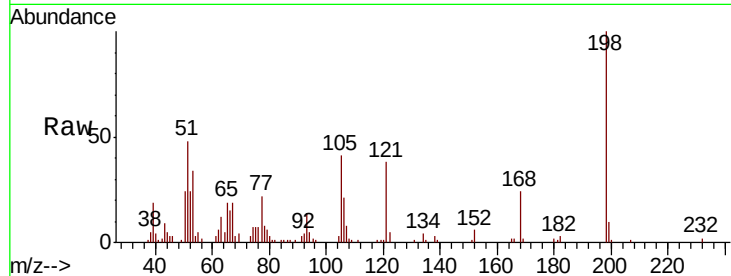
Tgt Ion:198 Resp: 27735

Ion Ratio Lower Upper

198 100

51 48.3 27.4 67.4

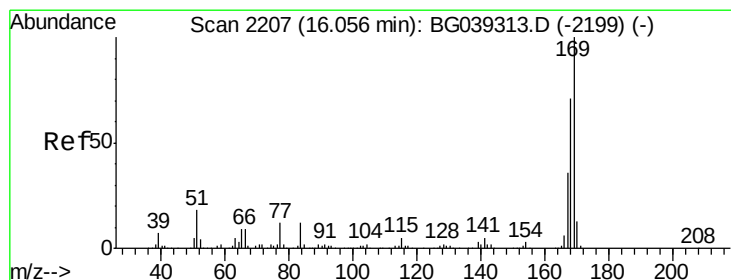
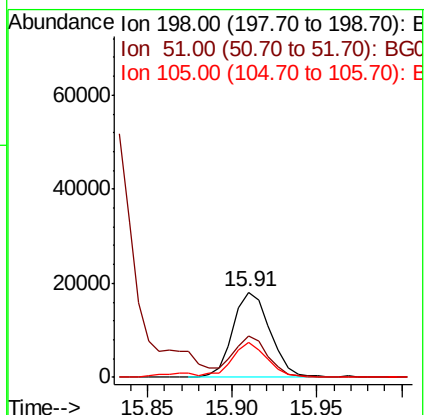
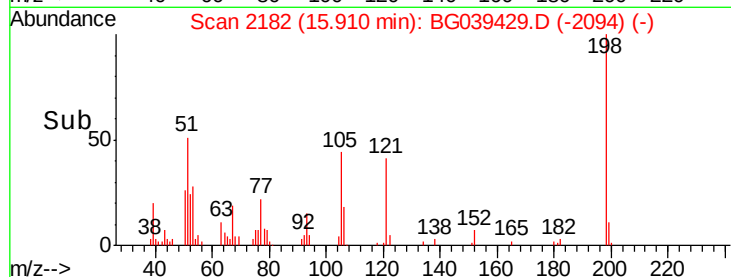
105 41.5 19.7 59.7



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: 46.063 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

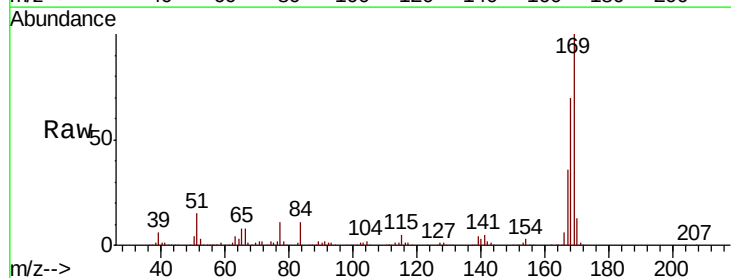
Tgt Ion:169 Resp: 502215

Ion Ratio Lower Upper

169 100

168 69.5 56.6 85.0

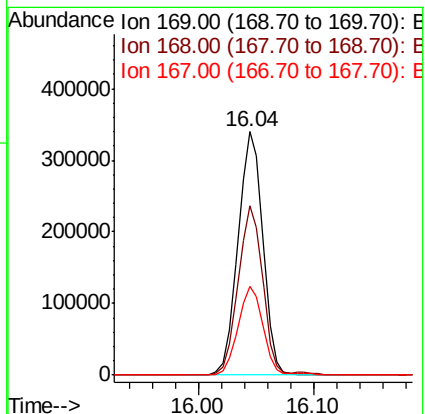
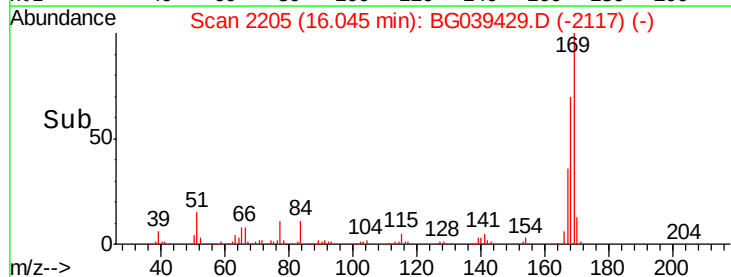
167 36.3 28.8 43.2

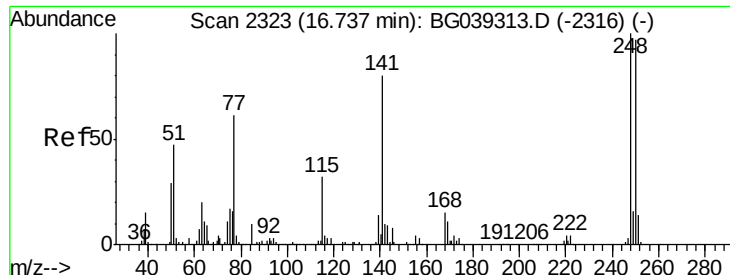


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

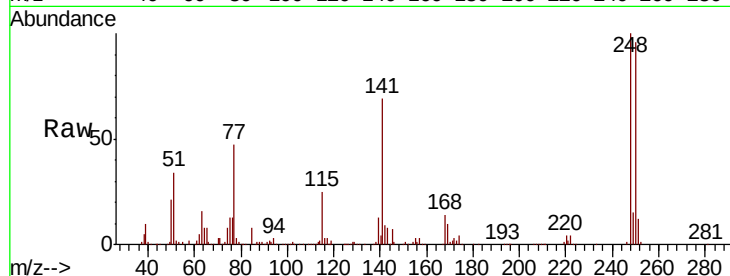




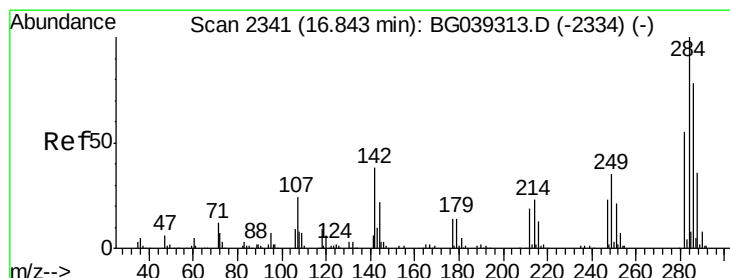
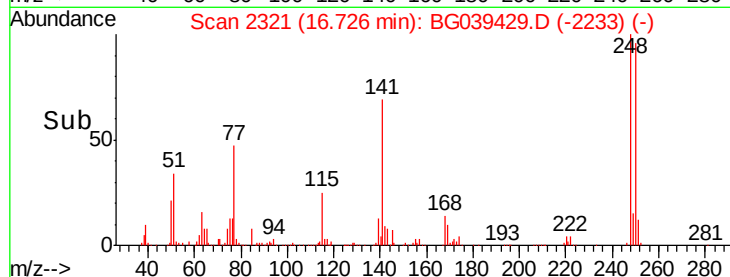
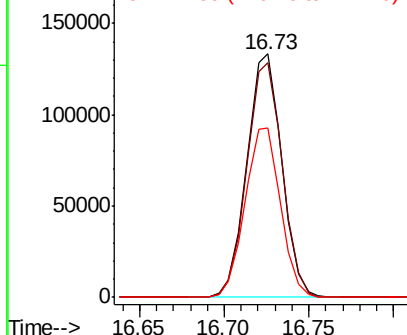
#67
4-Bromophenyl-phenylether
Concen: 48.162 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tgt Ion:248 Resp: 191580
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 69.3 63.9 95.9

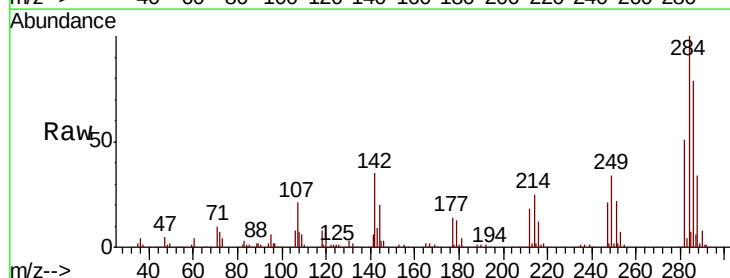


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

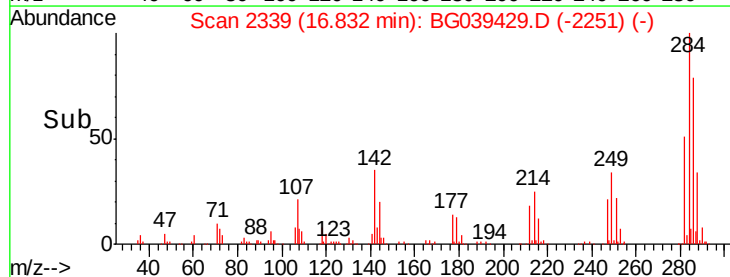
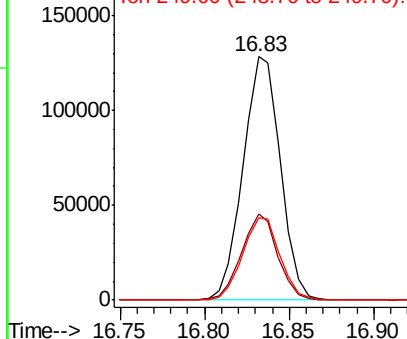


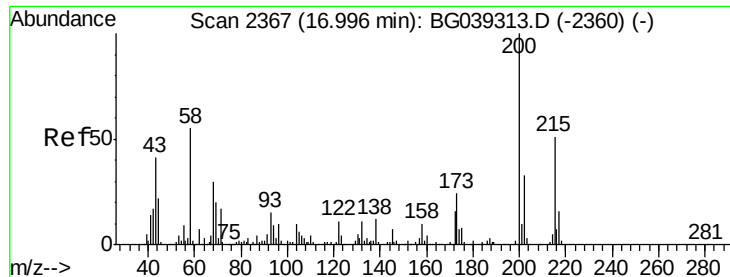
#68
Hexachlorobenzene
Concen: 49.400 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion:284 Resp: 197153
Ion Ratio Lower Upper
284 100
142 35.4 30.6 45.8
249 34.0 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: 50.031 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

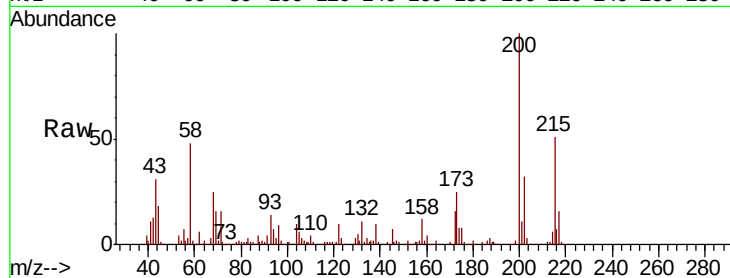
Tgt Ion:200 Resp: 199338

Ion Ratio Lower Upper

200 100

173 25.2 3.9 43.9

215 51.3 30.9 70.9

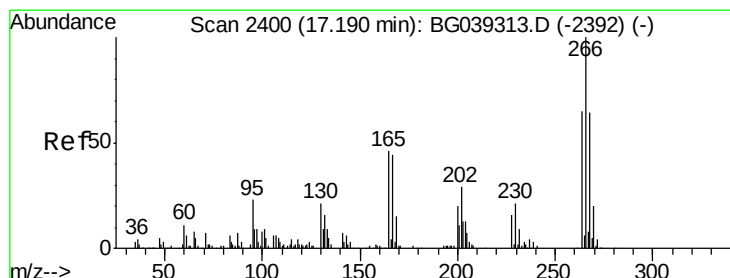
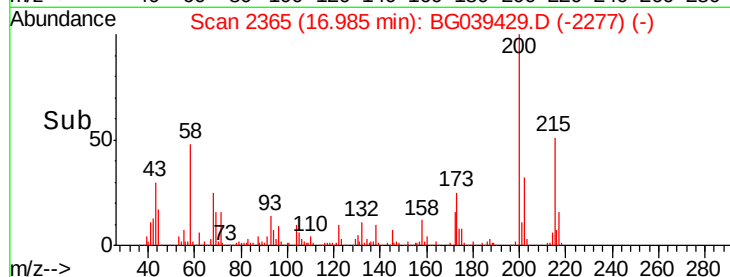
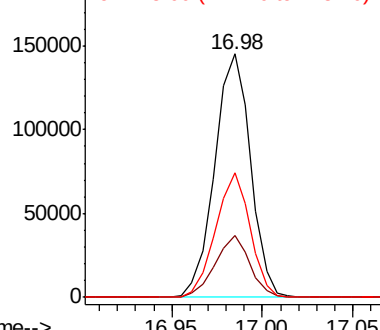


Abundance

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: 43.577 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

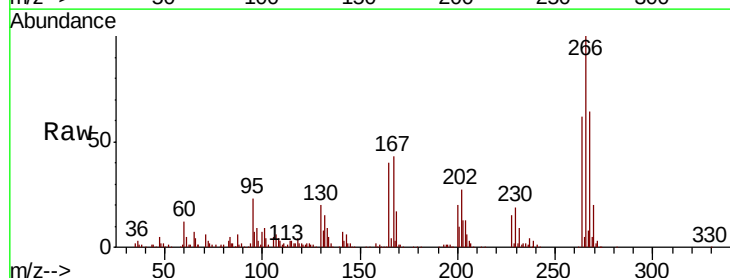
Tgt Ion:266 Resp: 120875

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

264 62.0 52.1 78.1

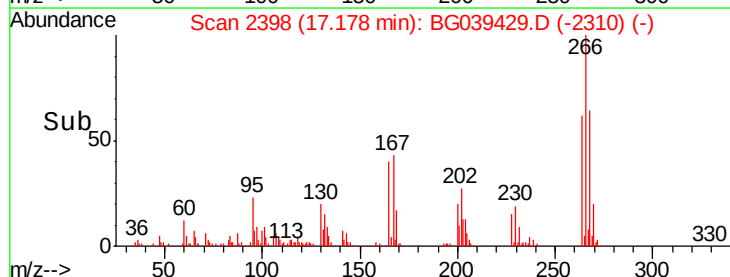
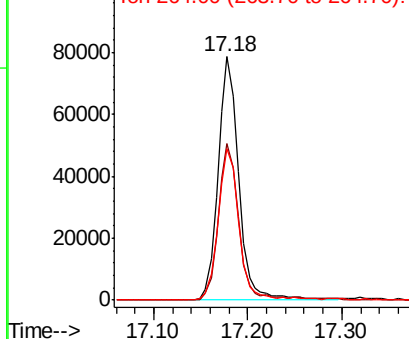


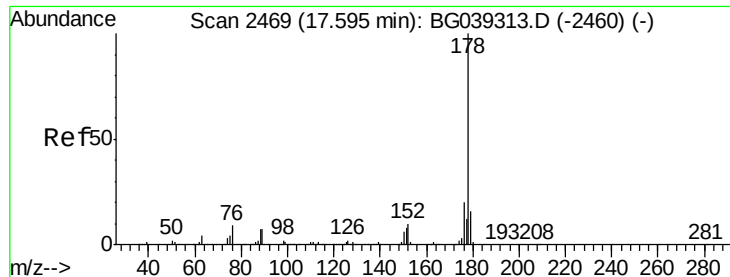
Abundance

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

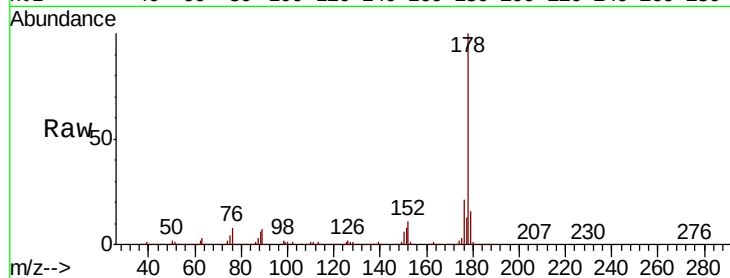




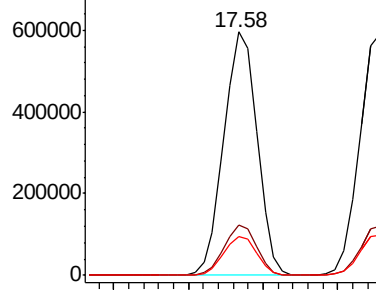
#71
Phenanthrene
Concen: 49.511 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

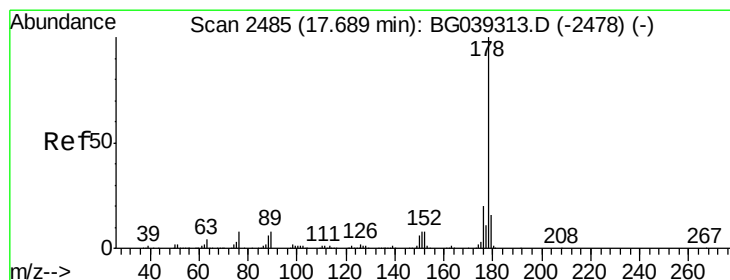
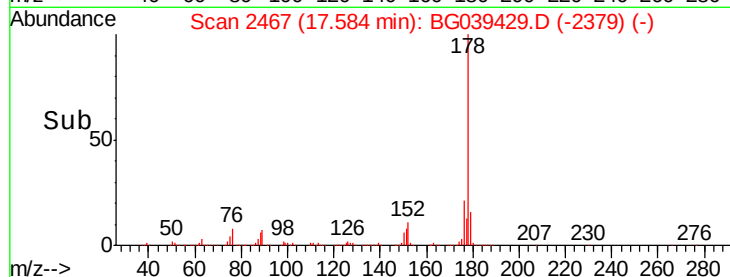
Tgt Ion:178 Resp: 918833
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.1 12.6 19.0



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

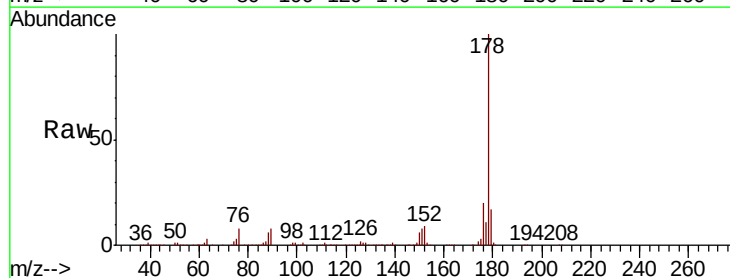


Time-->

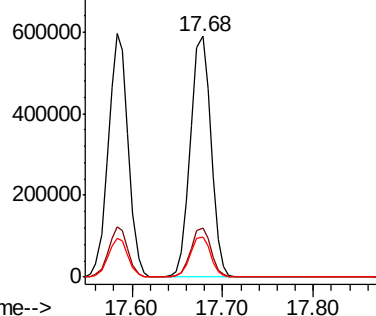


#72
Anthracene
Concen: 50.561 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

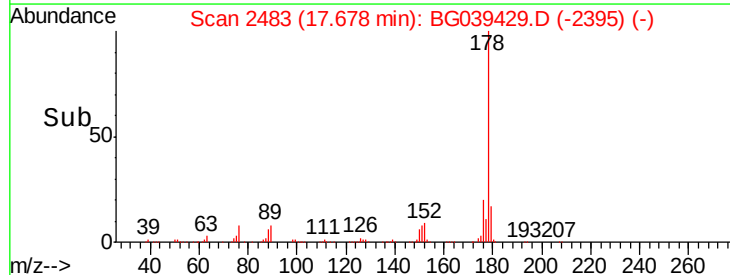
Tgt Ion:178 Resp: 924241
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.9 12.5 18.7

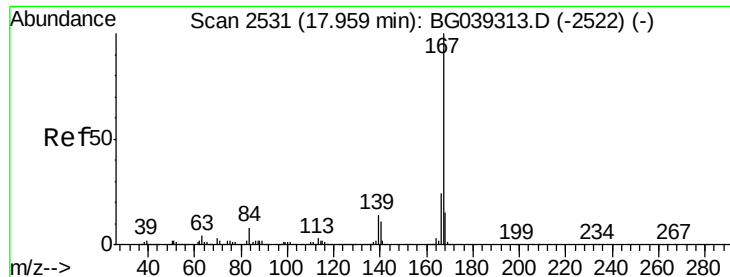


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#73

Carbazole

Concen: 45.177 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

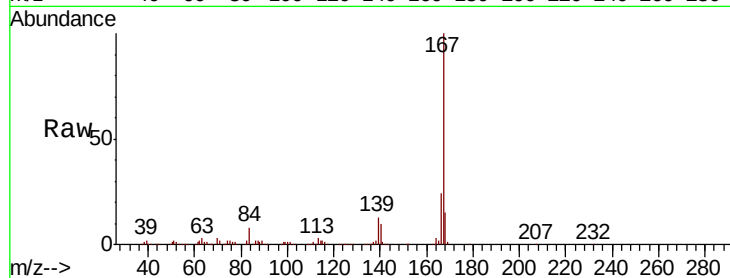
Tgt Ion:167 Resp: 824165

Ion Ratio Lower Upper

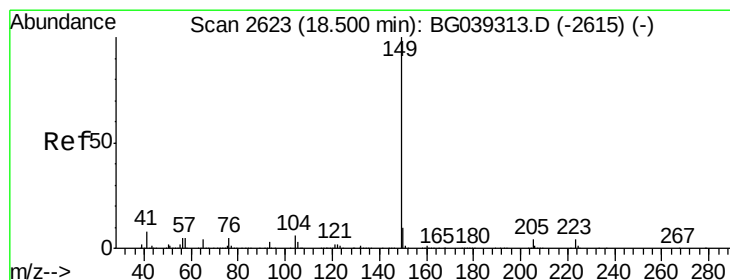
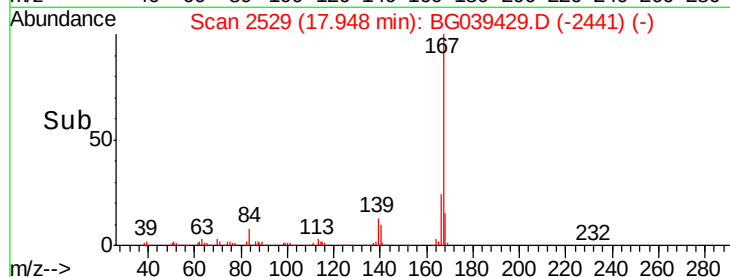
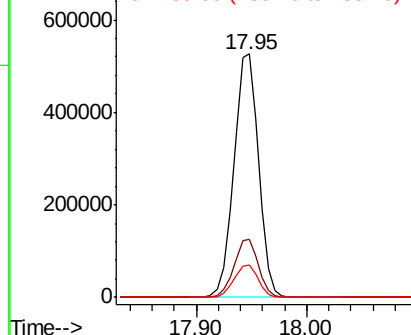
167 100

166 23.9 19.4 29.2

139 13.4 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: 46.088 ng

RT: 18.48 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

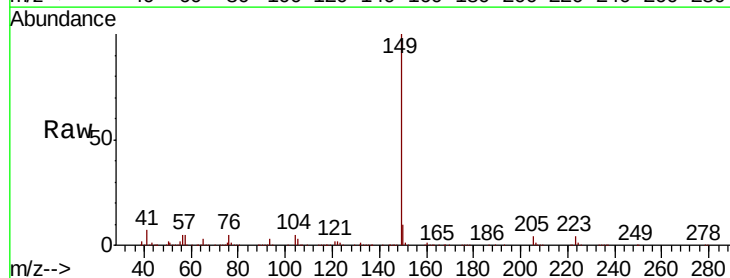
Tgt Ion:149 Resp: 980887

Ion Ratio Lower Upper

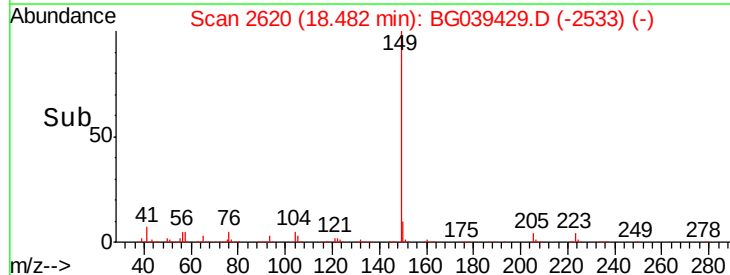
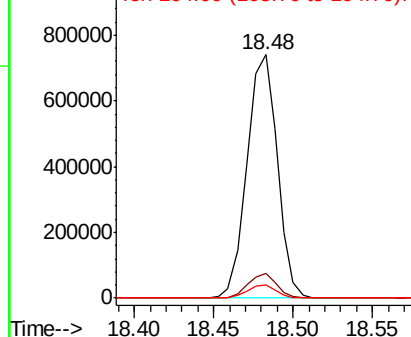
149 100

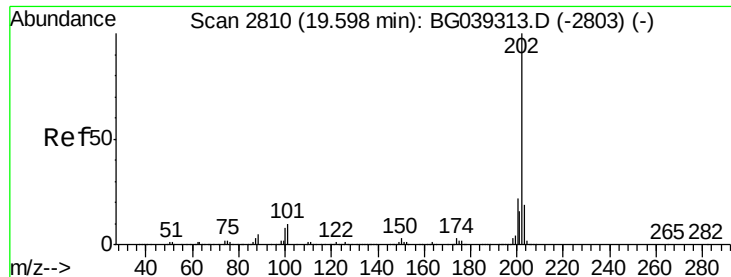
150 10.0 7.7 11.5

104 5.5 4.5 6.7



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





#75

Fluoranthene

Concen: 51.141 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

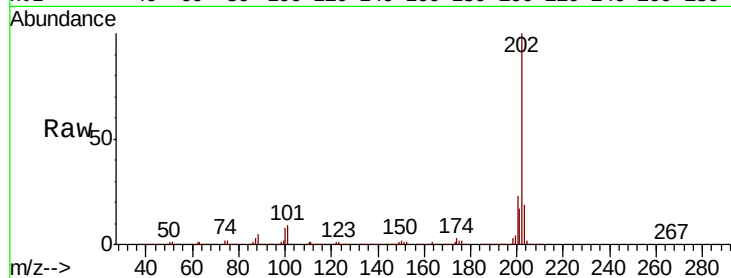
Tgt Ion:202 Resp: 1101579

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

203 18.9 0.0 38.9

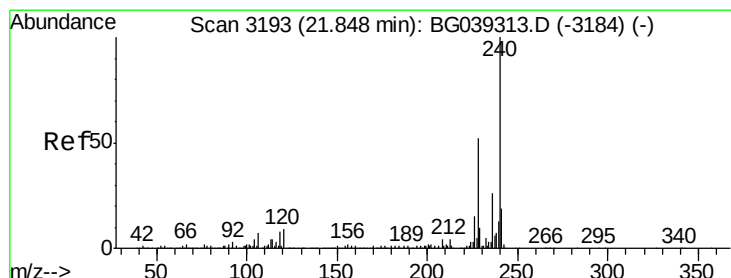
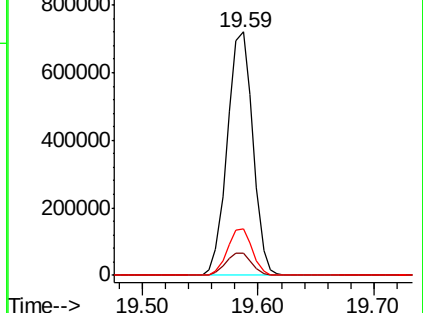
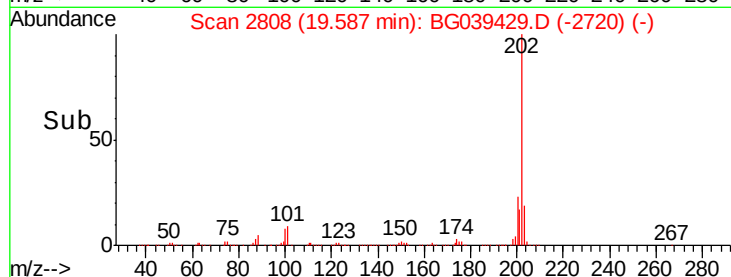


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

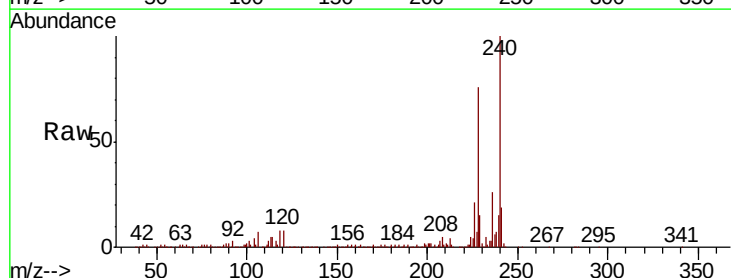
Tgt Ion:240 Resp: 369192

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

236 25.8 21.0 31.4

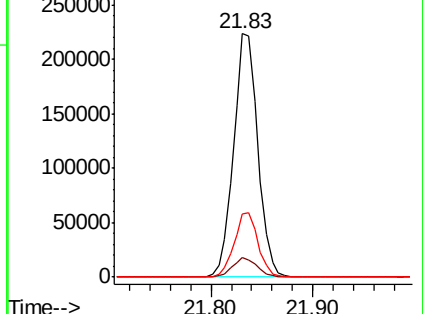
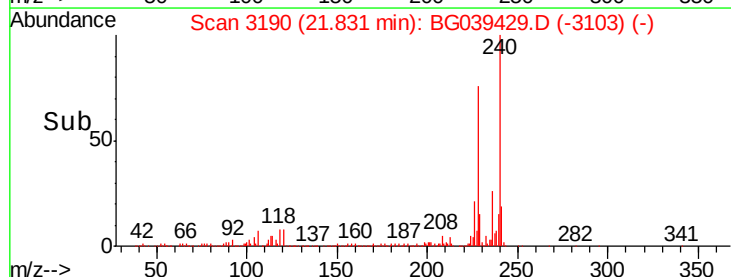


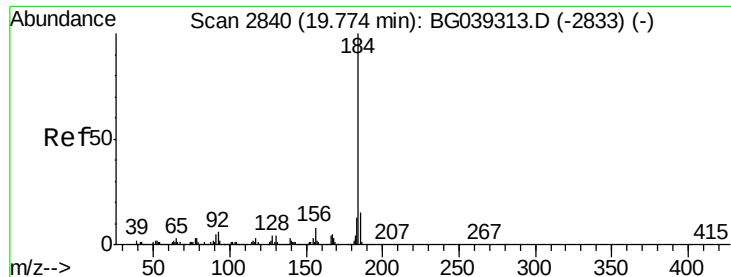
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.982 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

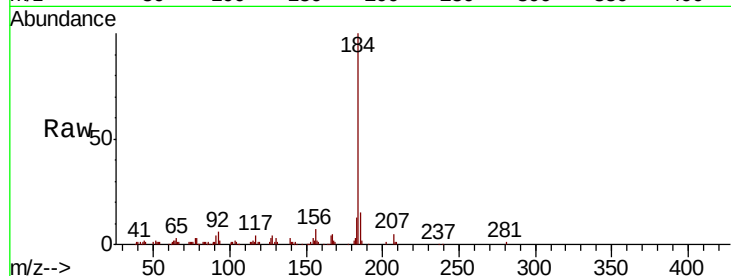
BNA_G

ClientSampleId :

OK-01-020719MSD

Tgt Ion:184 Resp: 84514

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	13.1	10.6	15.8

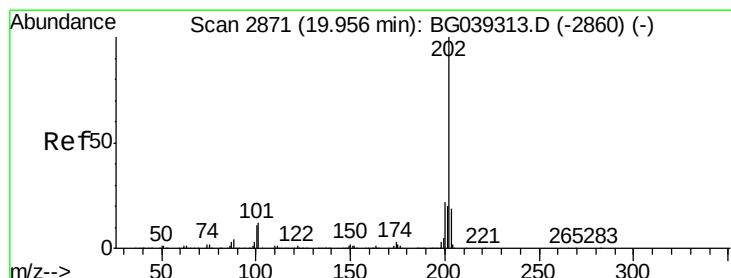
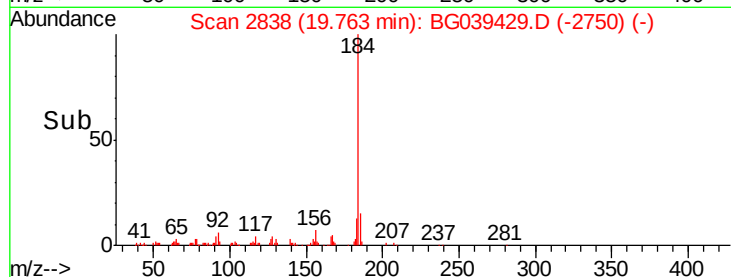
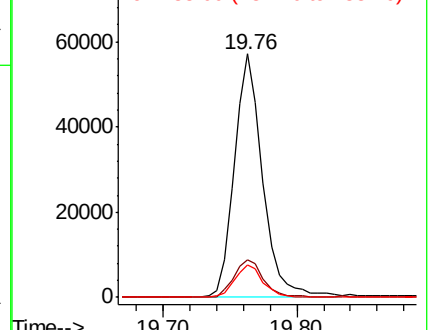


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.717 ng

RT: 19.95 min Scan# 2869

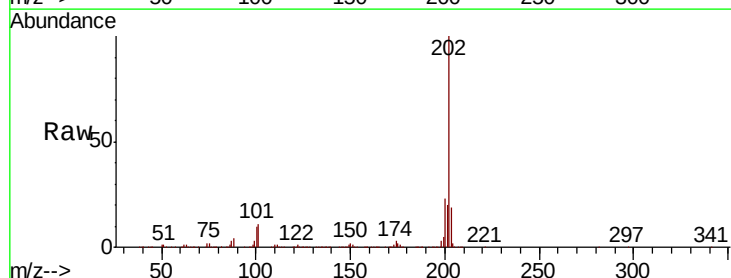
Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:202 Resp: 1119666

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.8
203	19.1	15.3	22.9

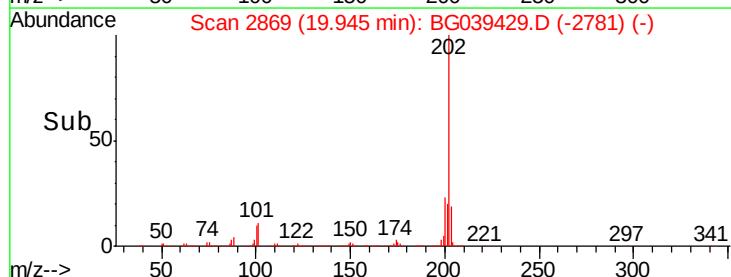
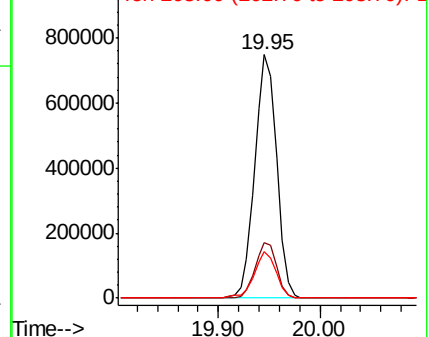


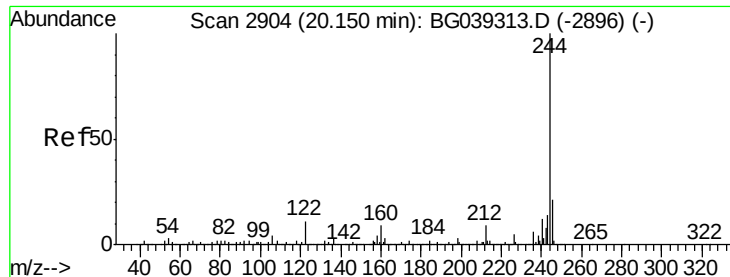
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.972 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

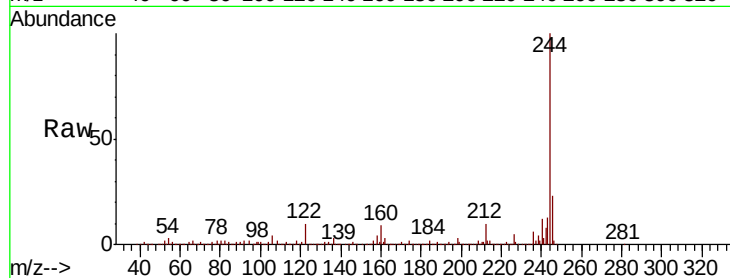
Tgt Ion:244 Resp: 1551850

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

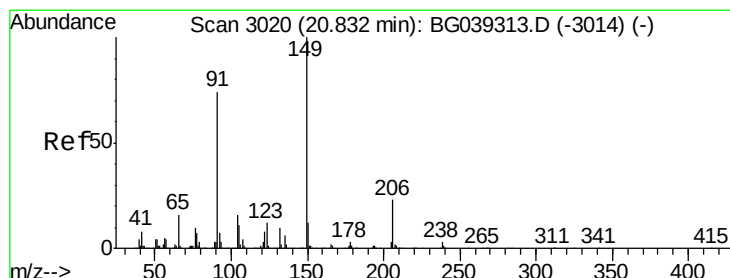
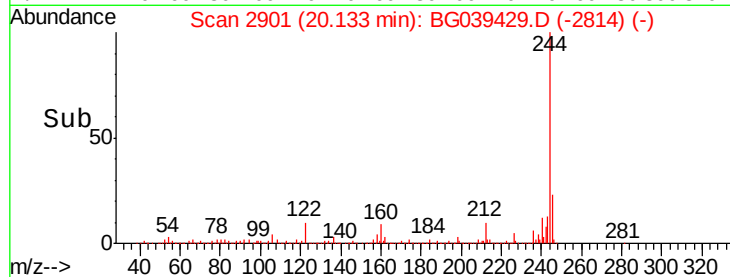
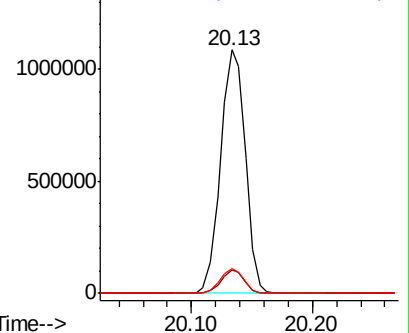
122 10.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.358 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

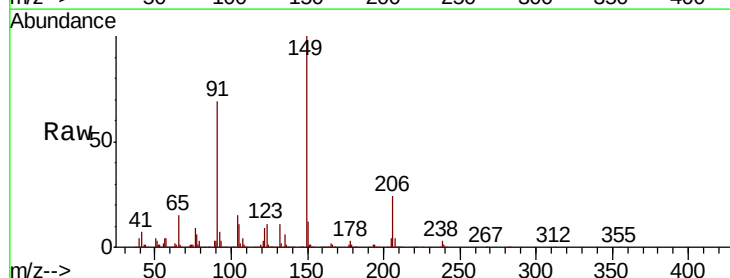
Tgt Ion:149 Resp: 468839

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

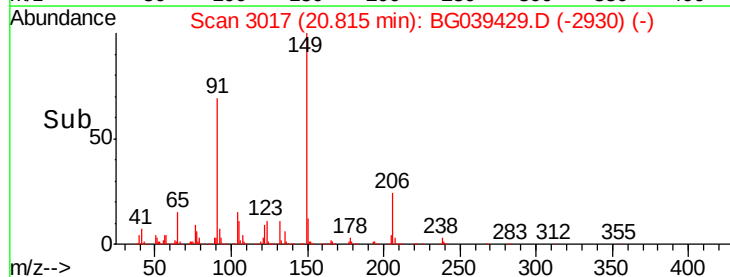
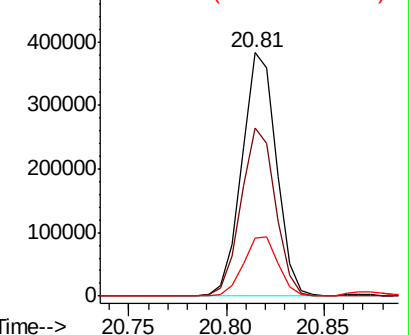
206 23.9 18.6 27.8

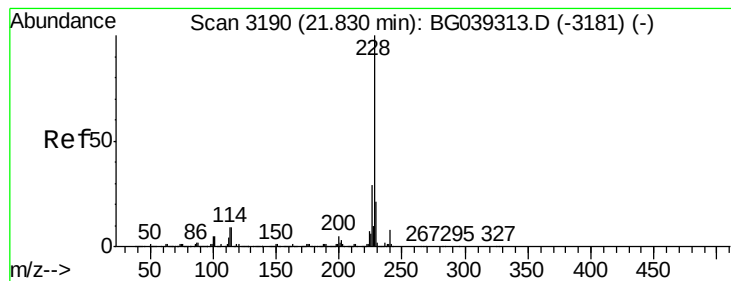


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.933 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

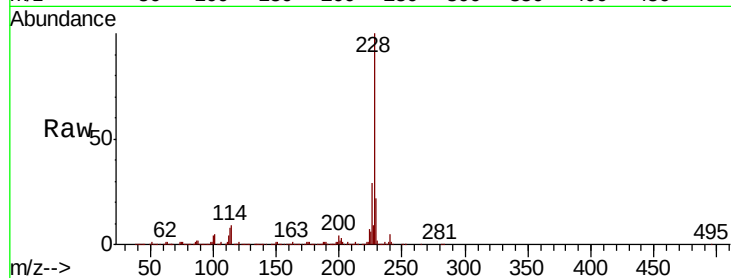
Tgt Ion:228 Resp: 1111121

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.6

229 21.8 16.9 25.3

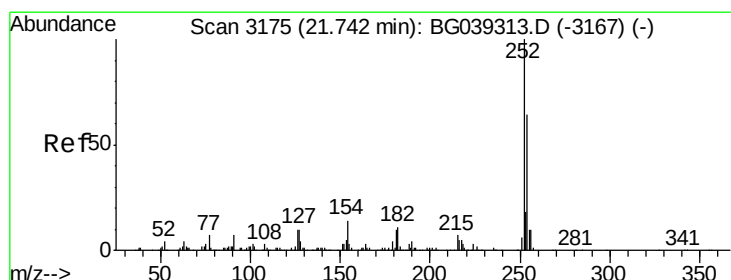
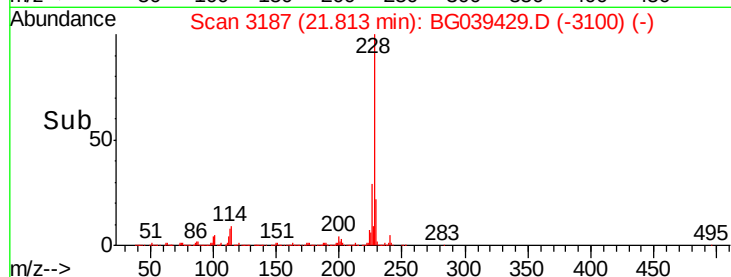
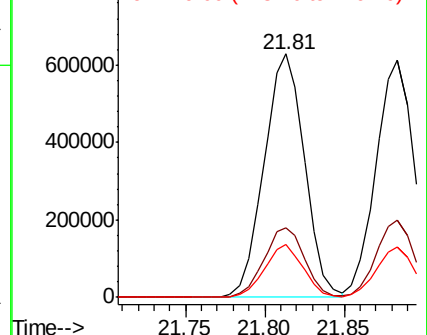


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 11.892 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

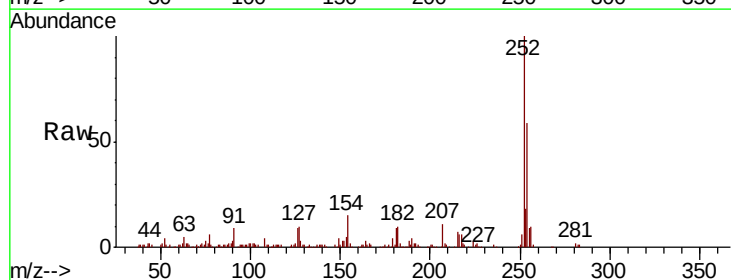
Tgt Ion:252 Resp: 96195

Ion Ratio Lower Upper

252 100

254 59.3 51.3 76.9

126 9.0 8.0 12.0

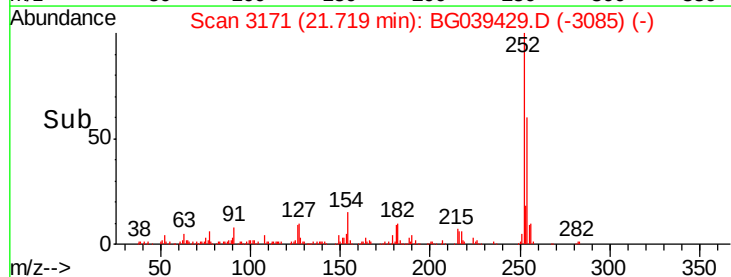
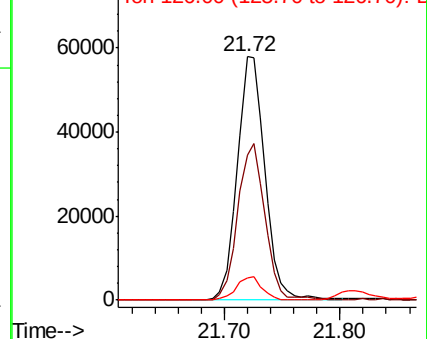


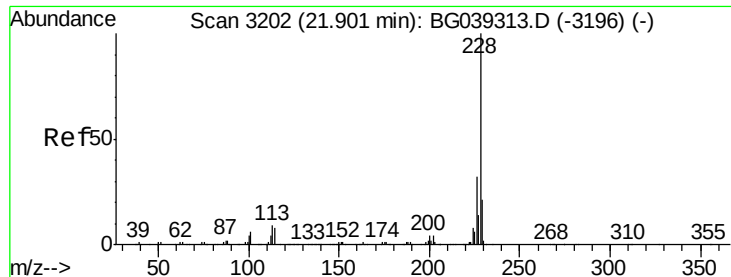
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.930 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

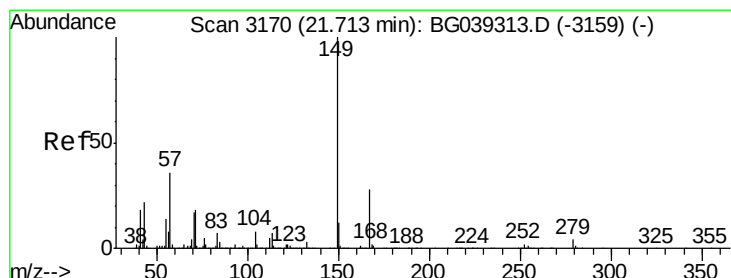
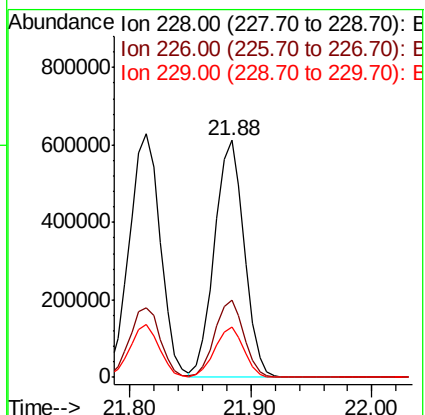
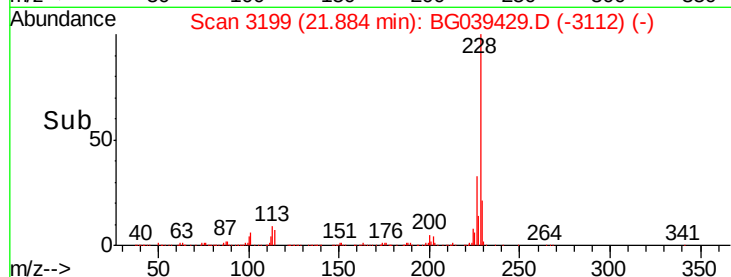
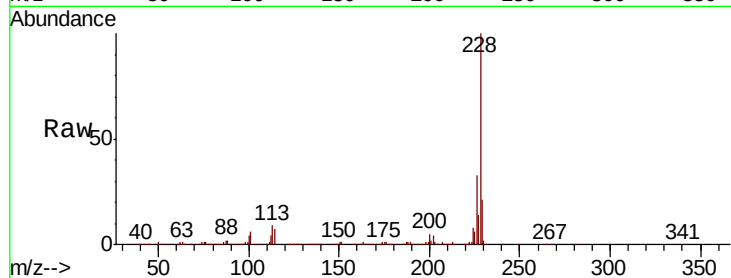
BNA_G

ClientSampleId :

OK-01-020719MSD

Tgt Ion:228 Resp: 1036885

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.8	38.6
229	21.4	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.024 ng

RT: 21.68 min Scan# 3165

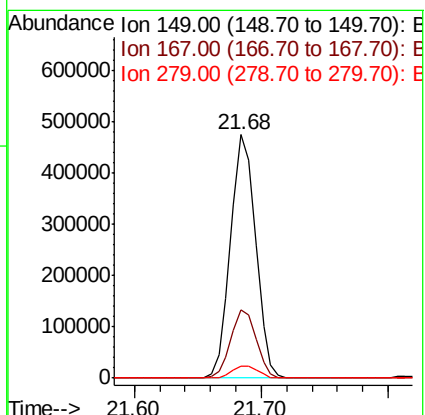
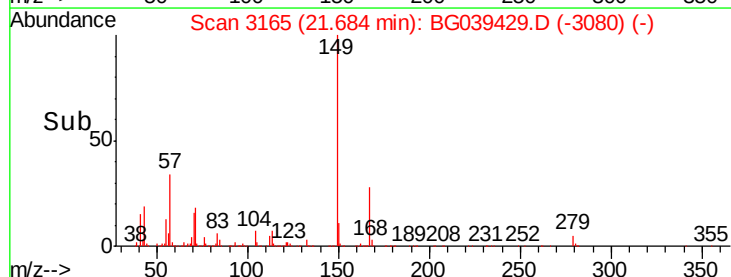
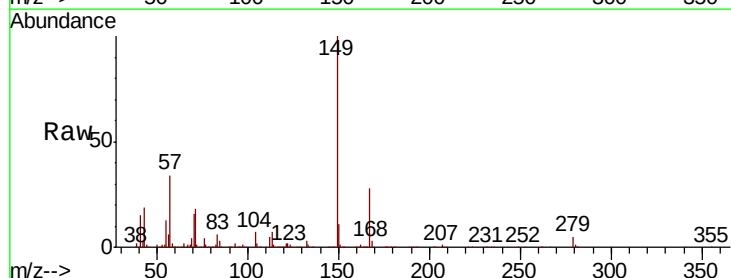
Delta R.T. -0.03 min

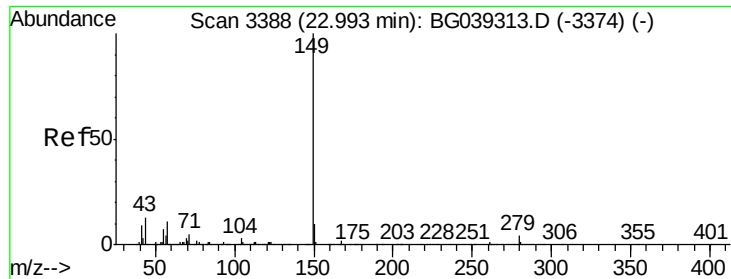
Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:149 Resp: 650409

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	5.1	3.5	5.3

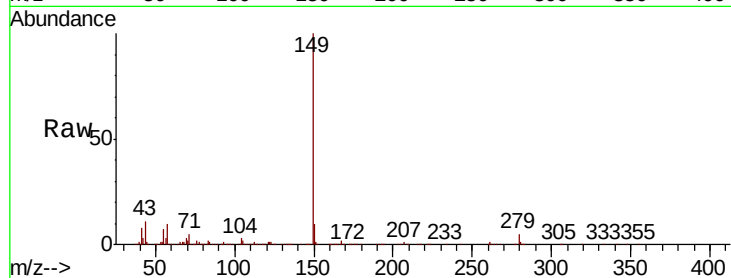




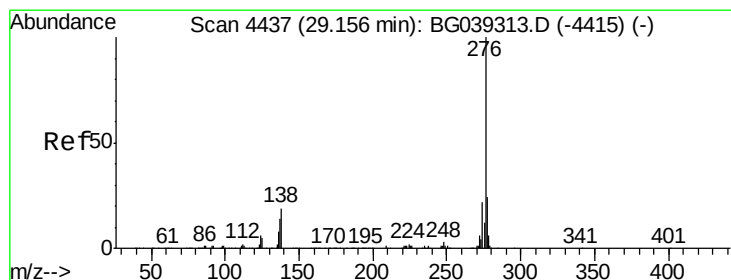
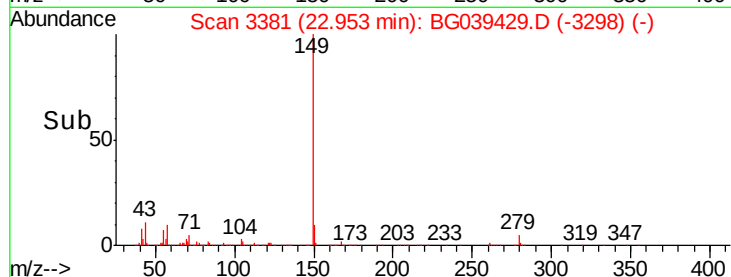
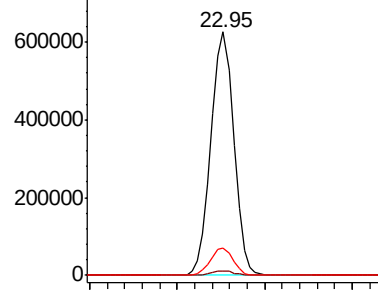
#85
 Di-n-octyl phthalate
 Concen: 48.534 ng
 RT: 22.95 min Scan# 3381
 Delta R.T. -0.04 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Tgt Ion:149 Resp: 1109059
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.0 10.2 15.4

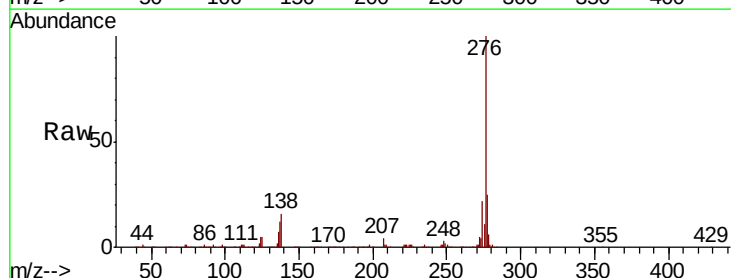


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

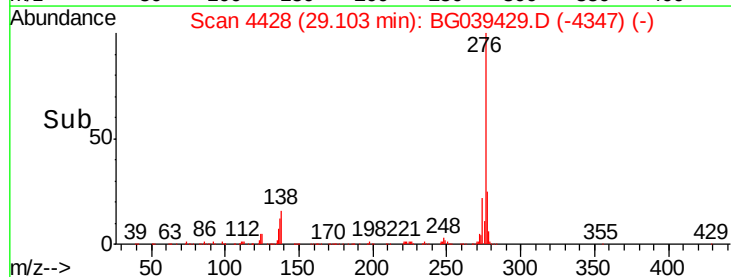
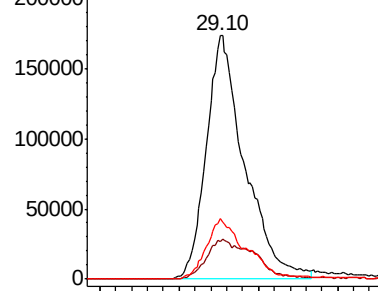


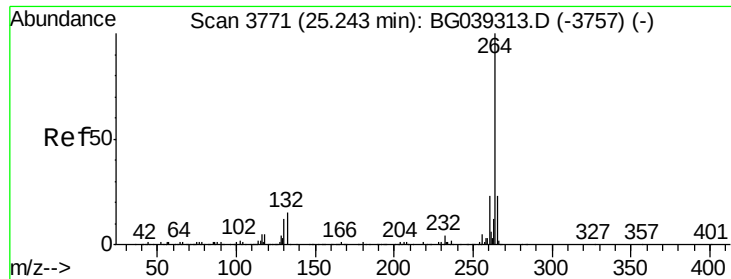
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 52.492 ng
 RT: 29.10 min Scan# 4428
 Delta R.T. -0.05 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion:276 Resp: 1169576
 Ion Ratio Lower Upper
 276 100
 138 20.0 12.6 19.0#
 277 25.9 20.8 31.2



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

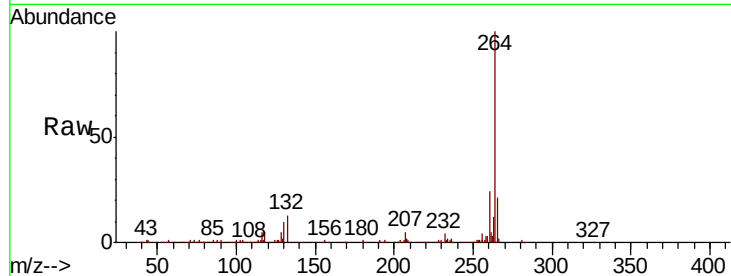
Tgt Ion:264 Resp: 383998

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

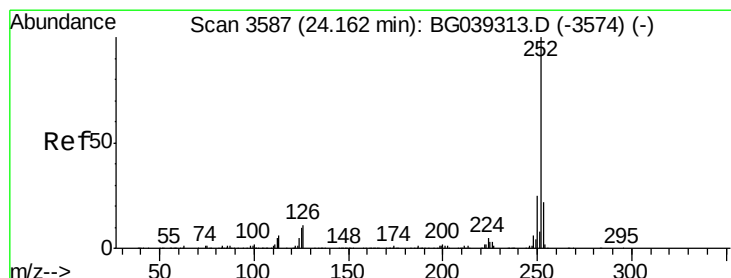
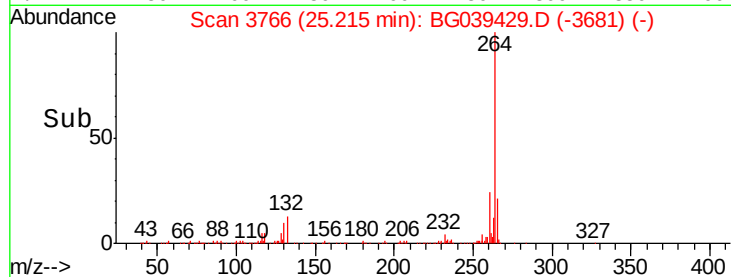
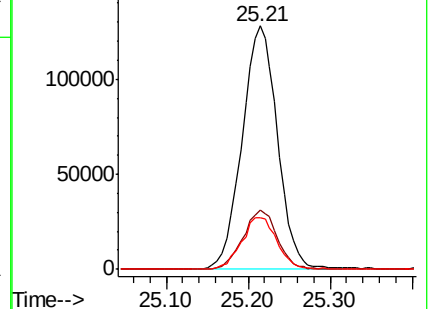
265 21.4 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.386 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

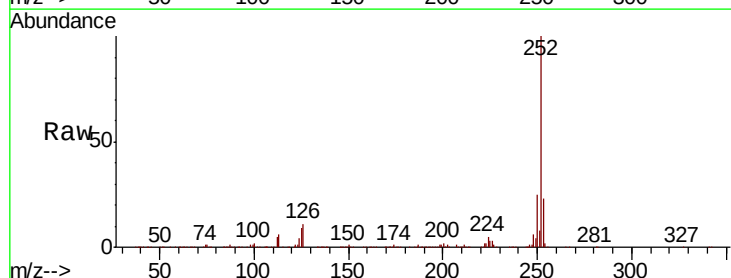
Tgt Ion:252 Resp: 1097054

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

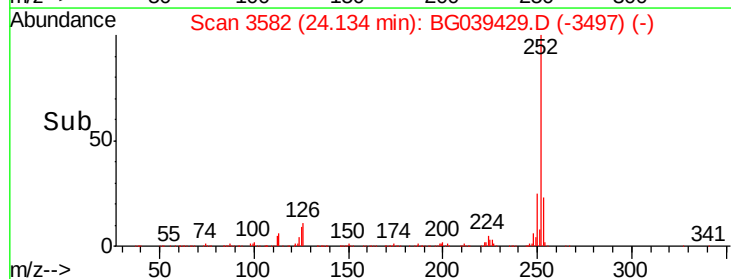
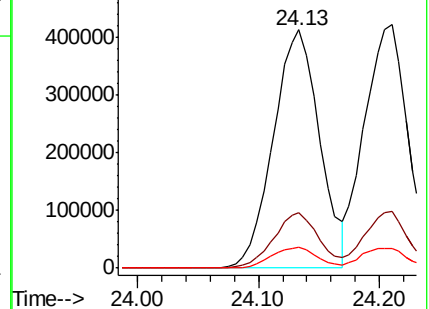
125 8.5 7.8 11.6

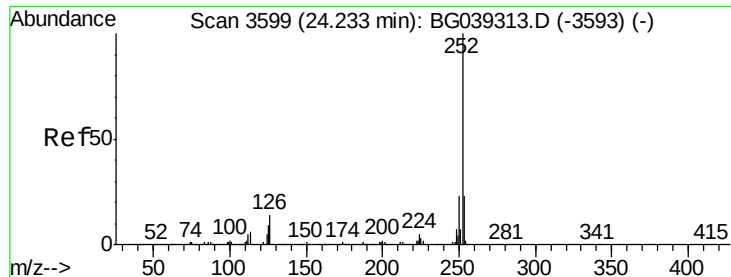


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.279 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

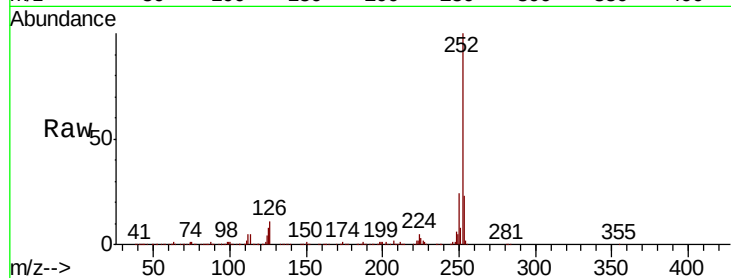
Tgt Ion:252 Resp: 1057102

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

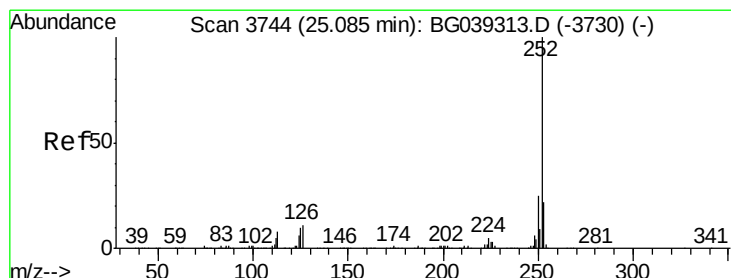
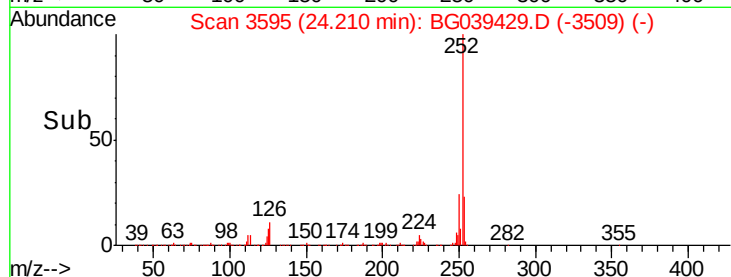
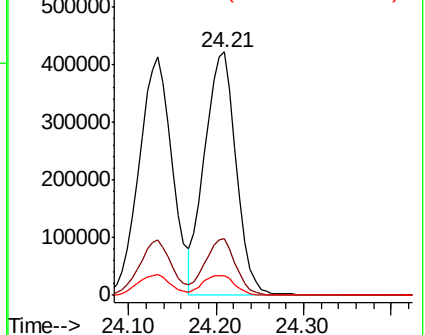
125 8.0 7.4 11.2



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: 52.505 ng

RT: 25.06 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

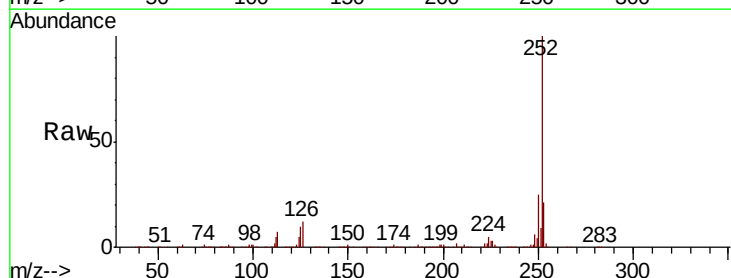
Tgt Ion:252 Resp: 1058930

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

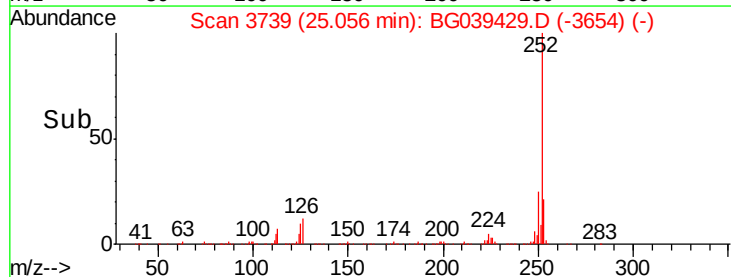
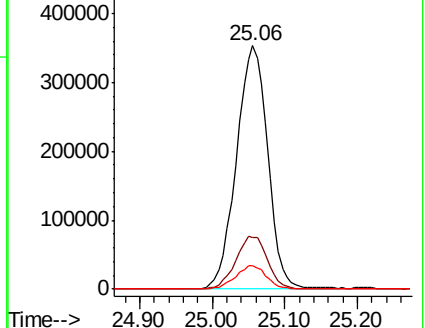
125 9.7 8.3 12.5

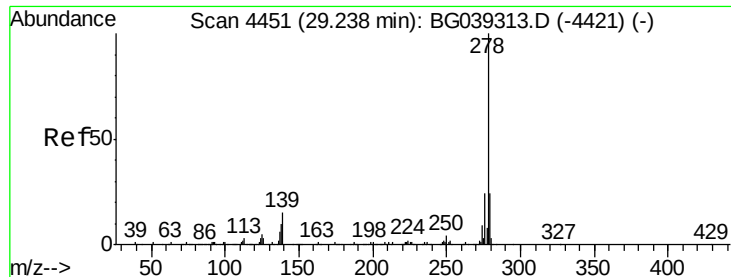


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.433 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.06 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

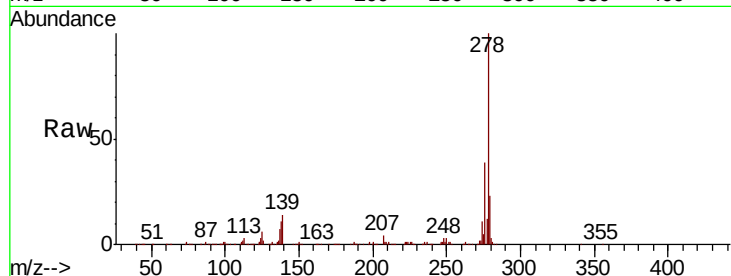
Tgt Ion:278 Resp: 952554

Ion Ratio Lower Upper

278 100

139 13.6 11.7 17.5

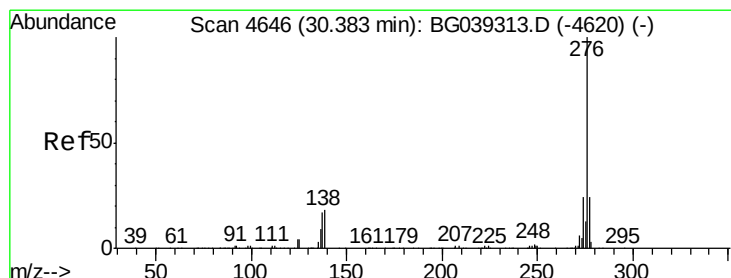
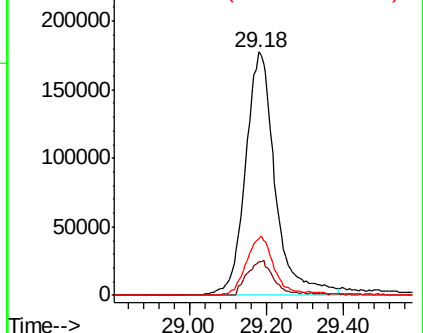
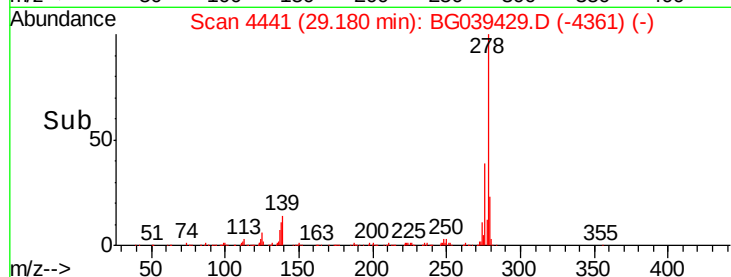
279 23.4 19.1 28.7



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: 49.458 ng

RT: 30.34 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

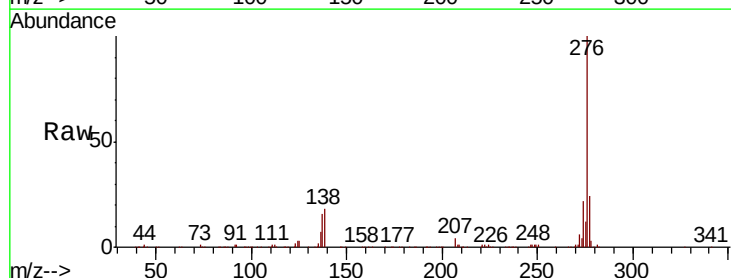
Tgt Ion:276 Resp: 931093

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 17.8 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

