

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041016.D
 Acq On : 1 Jun 2019 17:27
 Operator : HP/JU
 Sample : K3110-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 01:13:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	65009	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	254915	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	182129	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	438904	20.00	ng	0.00
76) Chrysene-d12	21.78	240	434027	20.00	ng	-0.01
87) Perylene-d12	25.11	264	468464	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	529424	146.85	ng	0.00
7) Phenol-d6	7.27	99	773818	138.98	ng	0.00
23) Nitrobenzene-d5	9.30	82	524674	91.37	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	377833	139.74	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1147857	90.76	ng	-0.01
79) Terphenyl-d14	20.09	244	1790477	87.55	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	54775	33.482	ng	91
3) Pyridine	3.93	79	135316	27.953	ng	98
4) n-Nitrosodimethylamine	3.85	42	98535	43.859	ng	88
6) Aniline	7.44	93	128710	17.319	ng	96
8) 2-Chlorophenol	7.68	128	189838	44.168	ng	95
9) Benzaldehyde	7.26	77	91743	27.622	ng	91
10) Phenol	7.30	94	270865	45.372	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	179726	41.499	ng	97
12) 1,3-Dichlorobenzene	8.01	146	200522	39.062	ng	97
13) 1,4-Dichlorobenzene	8.16	146	208053	40.040	ng	95
14) 1,2-Dichlorobenzene	8.47	146	199470	39.536	ng	98
15) Benzyl Alcohol	8.36	79	224660	43.619	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	290726	41.082	ng	99
17) 2-Methylphenol	8.56	107	185411	42.895	ng	98
18) Hexachloroethane	9.21	117	78784	39.339	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	174472	40.719	ng	98
20) 3+4-Methylphenols	8.88	107	253074	42.268	ng	98
22) Acetophenone	8.95	105	322294	45.071	ng	# 97
24) Nitrobenzene	9.34	77	266266	45.502	ng	98
25) Isophorone	9.86	82	498242	45.594	ng	100
26) 2-Nitrophenol	10.05	139	116495	48.290	ng	90
27) 2,4-Dimethylphenol	10.09	122	205525	51.585	ng	94
28) bis(2-Chloroethoxy)methane	10.34	93	263869	44.739	ng	97
29) 2,4-Dichlorophenol	10.58	162	228886	45.239	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	250350	43.497	ng	97
31) Naphthalene	10.99	128	610347	44.594	ng	99
32) Benzoic acid	10.22	122	86319	31.274	ng	93
33) 4-Chloroaniline	11.11	127	60359	9.505	ng	97
34) Hexachlorobutadiene	11.26	225	185084	42.027	ng	99
35) Caprolactam	11.89	113	48694	29.145	ng	86
36) 4-Chloro-3-methylphenol	12.21	107	258230	44.690	ng	95
37) 2-Methylnaphthalene	12.59	142	457878	43.437	ng	99
38) 1-Methylnaphthalene	12.59	142	457878	46.095	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	335908	45.759	ng	99

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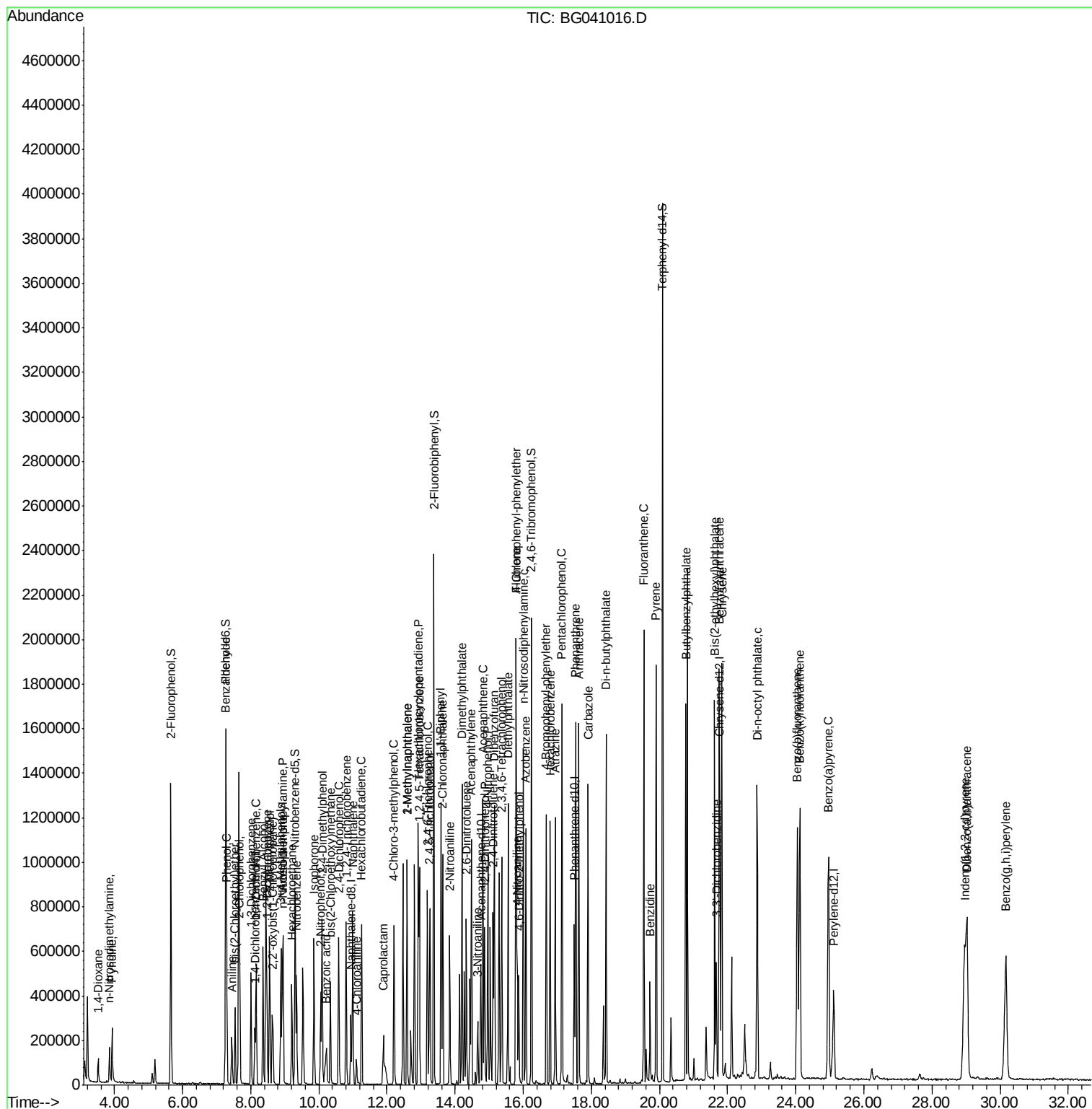
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	376525	93.832	ng	98
43) 2,4,6-Trichlorophenol	13.19	196	215192	45.315	ng	95
44) 2,4,5-Trichlorophenol	13.26	196	230693	46.062	ng	97
46) 1,1'-Biphenyl	13.58	154	619547	45.955	ng	99
47) 2-Chloronaphthalene	13.64	162	509816	44.050	ng	98
48) 2-Nitroaniline	13.84	65	186590	44.939	ng	100
49) Acenaphthylene	14.48	152	781933	44.889	ng	99
50) Dimethylphthalate	14.20	163	829492	53.803	ng	99
51) 2,6-Dinitrotoluene	14.33	165	147482	44.367	ng	97
52) Acenaphthene	14.82	154	453237	42.951	ng	93
53) 3-Nitroaniline	14.66	138	65105	19.586	ng	94
54) 2,4-Dinitrophenol	14.87	184	157448	87.383	ng	92
55) Dibenzofuran	15.15	168	782520	44.071	ng	100
56) 4-Nitrophenol	14.96	139	221590	97.191	ng	95
57) 2,4-Dinitrotoluene	15.11	165	205353	43.733	ng	# 94
58) Fluorene	15.79	166	611092	43.215	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	231940	47.124	ng	98
60) Diethylphthalate	15.55	149	660983	42.010	ng	100
61) 4-Chlorophenyl-phenylether	15.78	204	394642	42.937	ng	97
62) 4-Nitroaniline	15.83	138	141019	40.073	ng	92
63) Azobenzene	16.08	77	618812	43.273	ng	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	114074	48.413	ng	94
66) n-Nitrosodiphenylamine	16.00	169	561325	45.495	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	253864	42.859	ng	98
68) Hexachlorobenzene	16.79	284	259438	41.133	ng	97
69) Atrazine	16.94	200	236567	49.691	ng	96
70) Pentachlorophenol	17.13	266	320701	94.122	ng	96
71) Phenanthrene	17.54	178	1003136	43.878	ng	98
72) Anthracene	17.63	178	1028867	45.630	ng	99
73) Carbazole	17.90	167	897371	46.383	ng	99
74) Di-n-butylphthalate	18.43	149	1034230	43.010	ng	99
75) Fluoranthene	19.54	202	1283677	45.459	ng	98
77) Benzidine	19.72	184	271562	26.228	ng	98
78) Pyrene	19.91	202	1276529	45.243	ng	99
80) Butylbenzylphthalate	20.77	149	493236	44.922	ng	98
81) Benzo(a)anthracene	21.76	228	1254130	43.408	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	200960	19.776	ng	97
83) Chrysene	21.83	228	1224213	44.278	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	676913	43.794	ng	100
85) Di-n-octyl phthalate	22.87	149	1133908	44.049	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1512159	44.648	ng	# 96
88) Benzo(b)fluoranthene	24.05	252	1306001	45.963	ng	98
89) Benzo(k)fluoranthene	24.12	252	1238330	44.041	ng	98
90) Benzo(a)pyrene	24.96	252	1260655	46.503	ng	98
91) Dibenzo(a,h)anthracene	29.03	278	1232756	45.510	ng	99
92) Benzo(g,h,i)perylene	30.17	276	1263803	48.024	ng	98

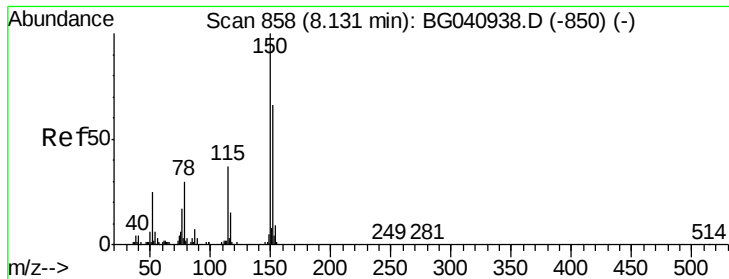
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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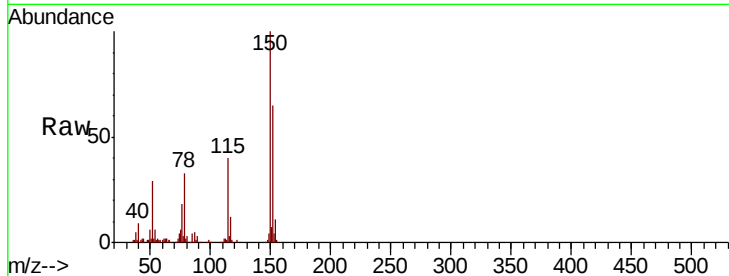


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	120.6	180.8
115	60.7	45.1	67.7

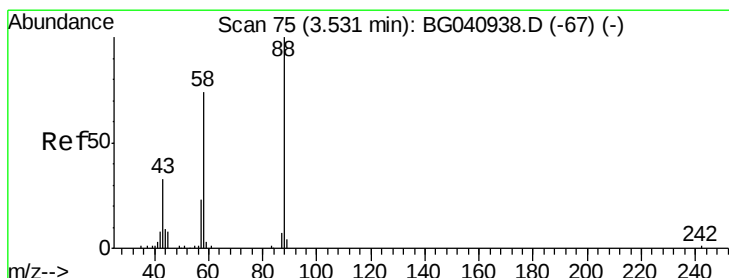
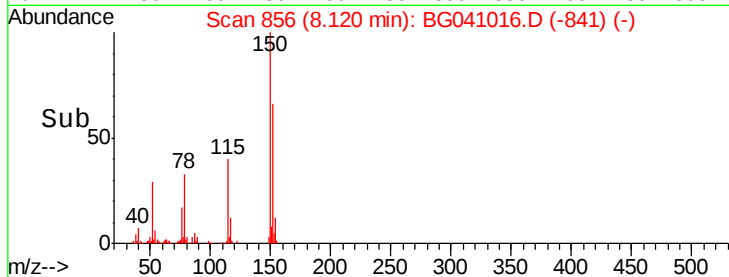
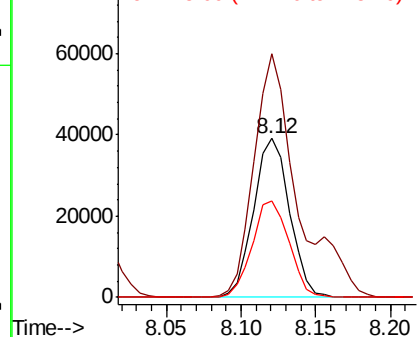


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

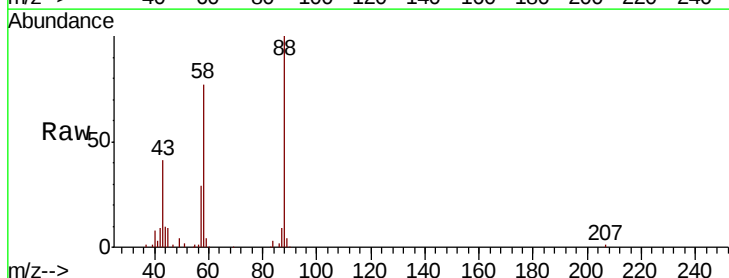
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.482 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	59.0	88.6
43	36.7	27.2	40.8

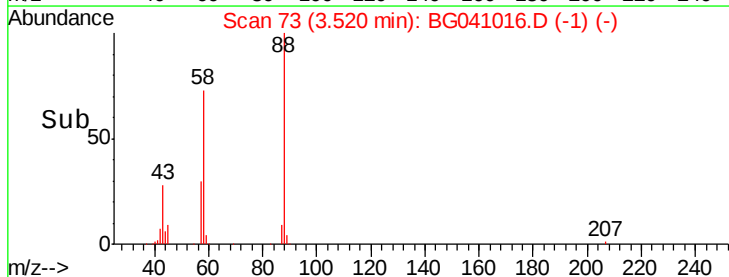
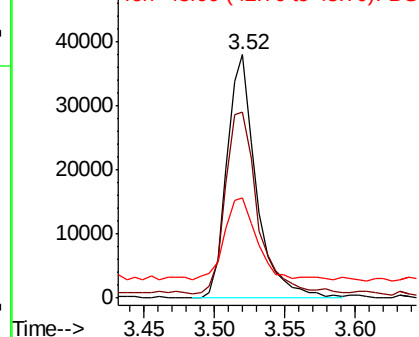


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.953 ng

RT: 3.93 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

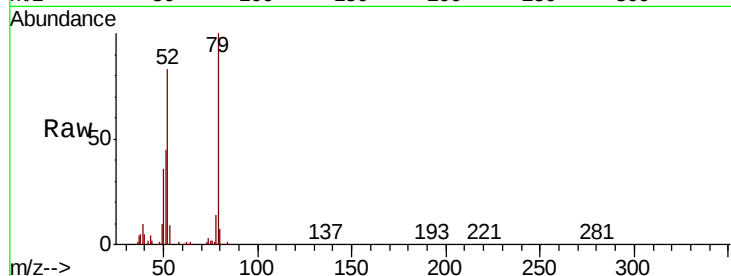
Tot Ion: 79 Resp: 135316

Ion Ratio Lower Upper

79 100

52 82.7 64.8 97.2

51 44.8 35.3 52.9

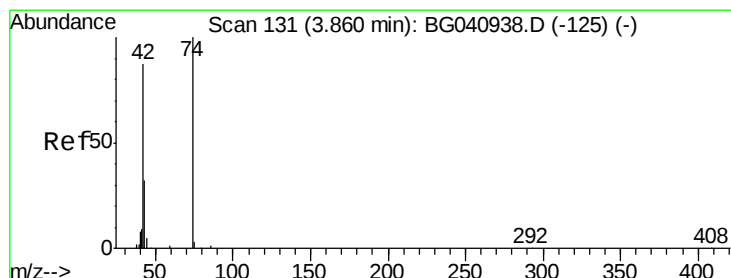
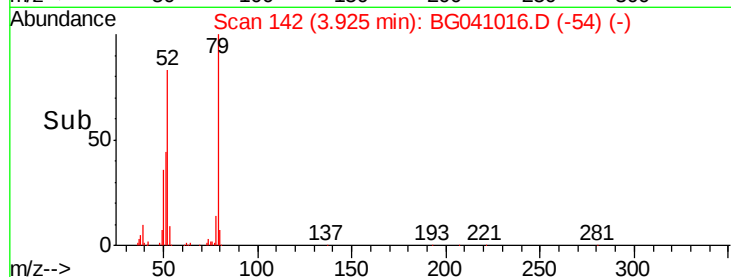
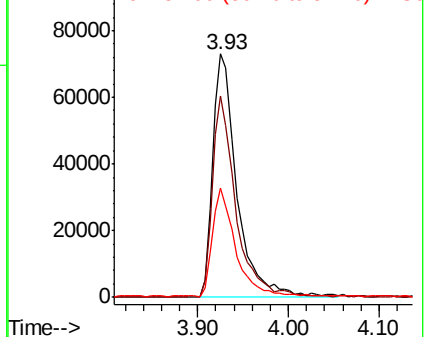


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.859 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

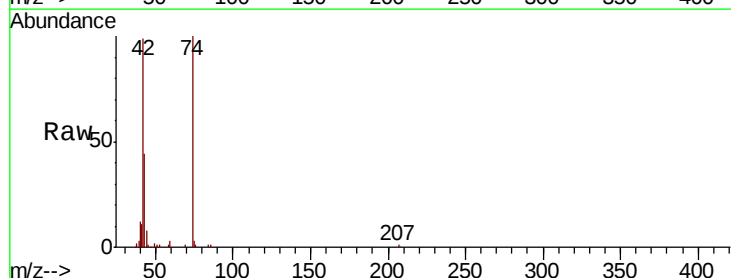
Tgt Ion: 42 Resp: 98535

Ion Ratio Lower Upper

42 100

74 101.1 91.8 137.6

44 7.7 6.0 9.0

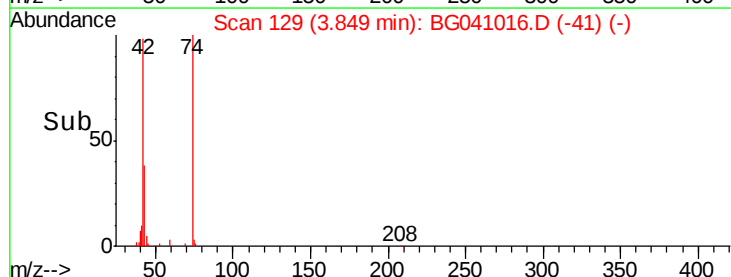
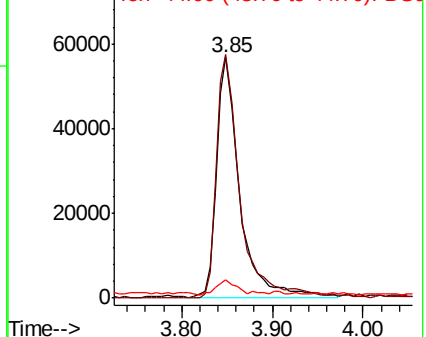


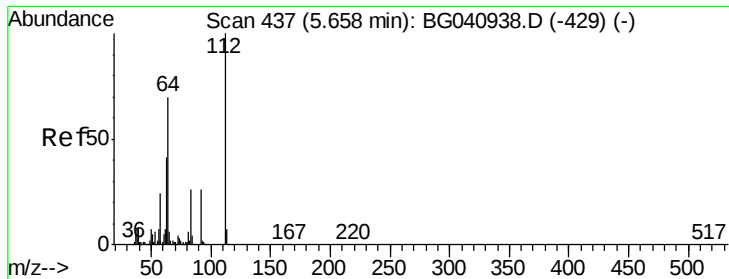
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 146.851 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

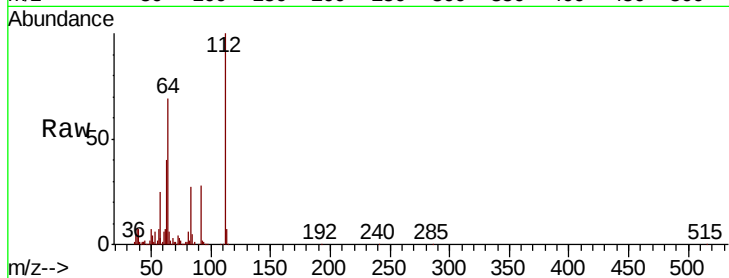
Tot Ion:112 Resp: 529424

Ion Ratio Lower Upper

112 100

64 69.4 56.2 84.2

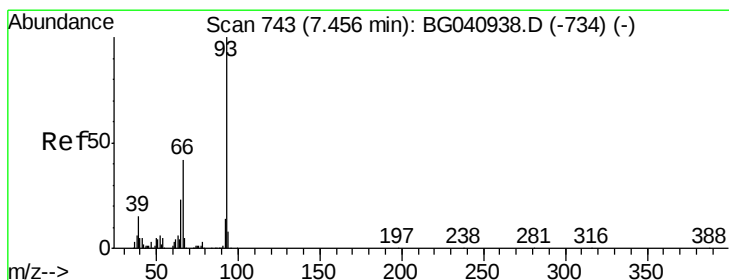
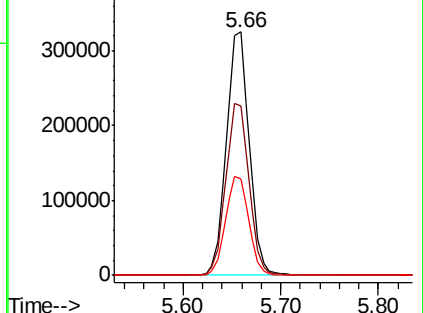
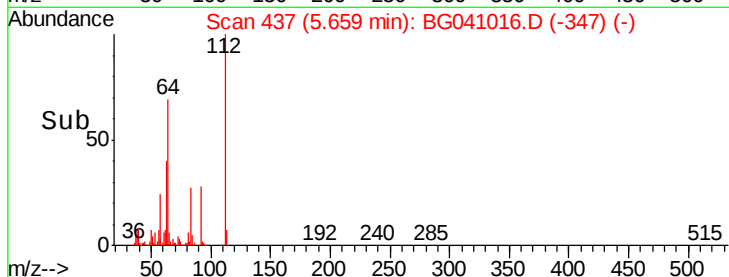
63 39.8 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.319 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

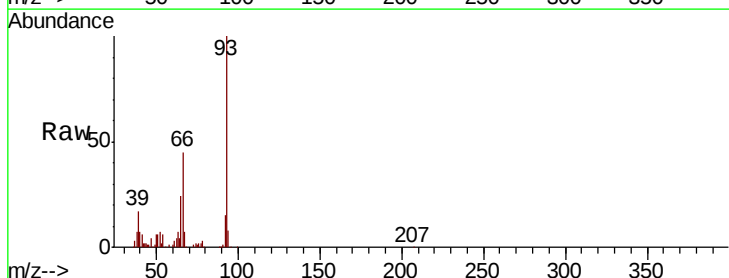
Tgt Ion: 93 Resp: 128710

Ion Ratio Lower Upper

93 100

66 45.2 33.8 50.8

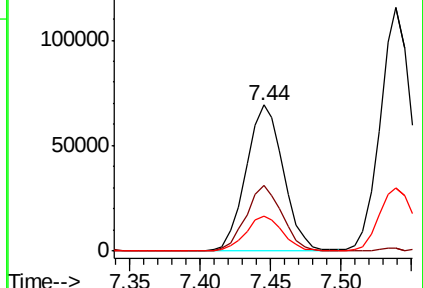
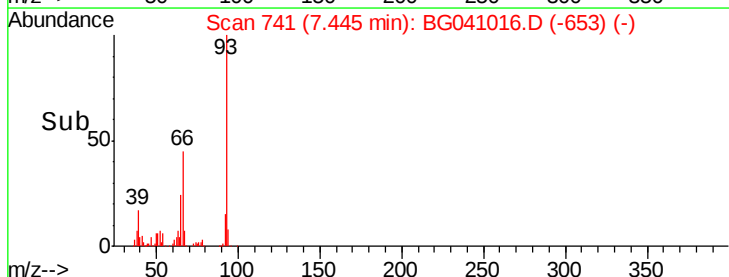
65 24.4 18.3 27.5

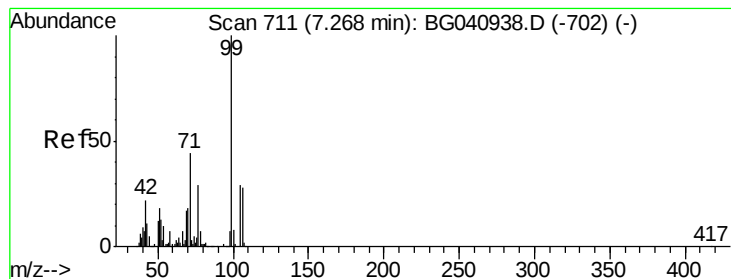


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.980 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampled :

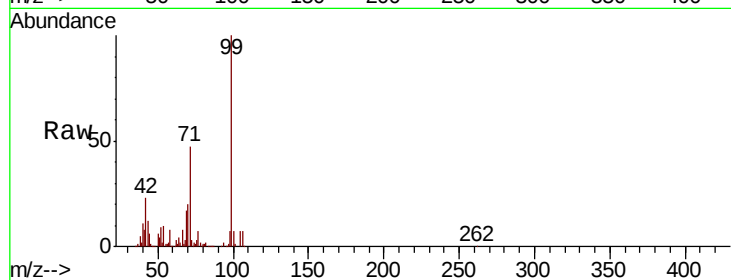
Tot Ion: 99 Resp: 773818

Ion Ratio Lower Upper

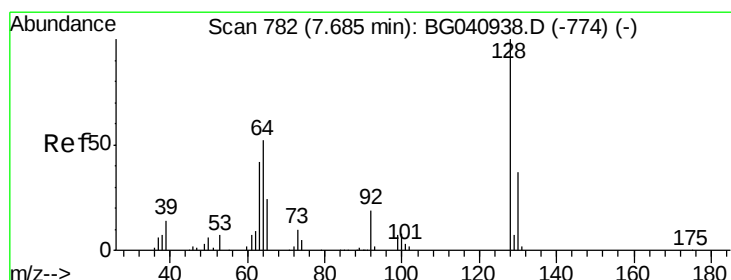
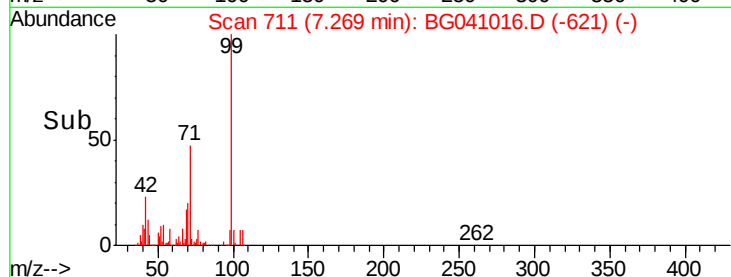
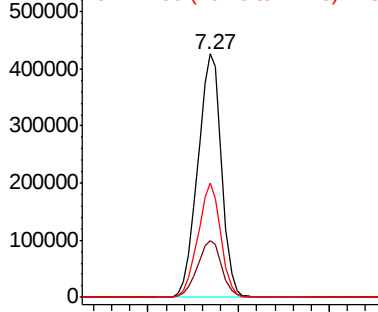
99 100

42 23.2 17.9 26.9

71 47.0 35.4 53.0



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: 44.168 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

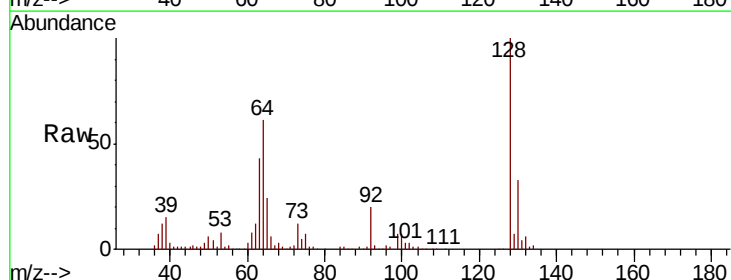
Tgt Ion:128 Resp: 189838

Ion Ratio Lower Upper

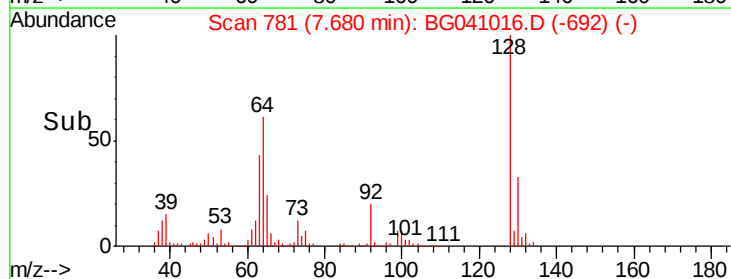
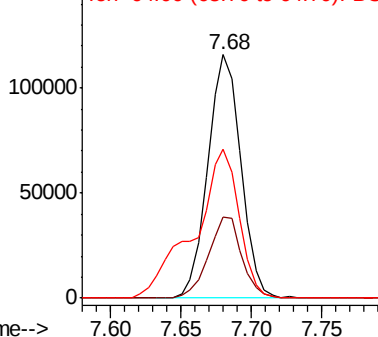
128 100

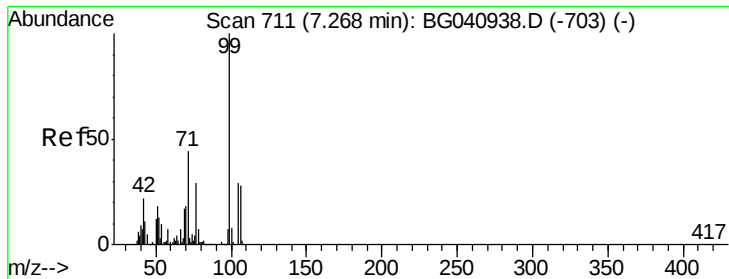
130 33.3 16.6 56.6

64 61.0 37.8 77.8



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





#9

Benzaldehyde

Concen: 27.622 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

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ClientSampleId :

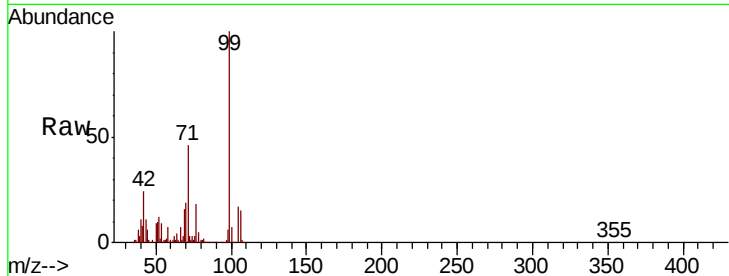
Tot Ion: 77 Resp: 91743

Ion Ratio Lower Upper

77 100

105 94.4 78.9 118.9

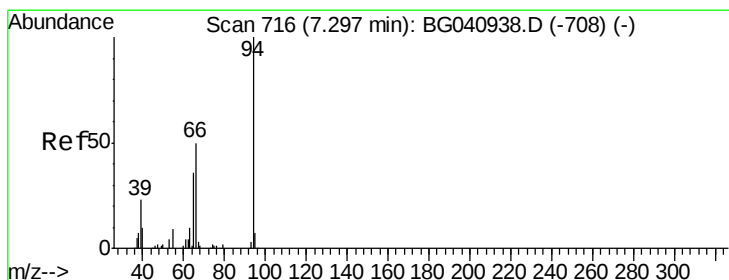
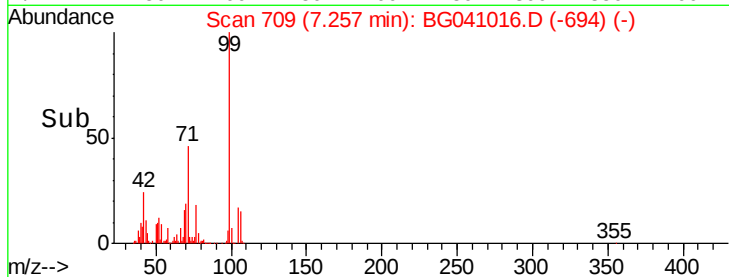
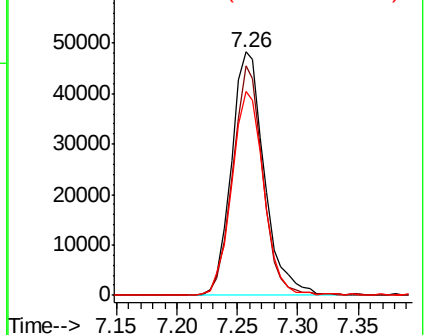
106 83.9 76.7 116.7



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: 45.372 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

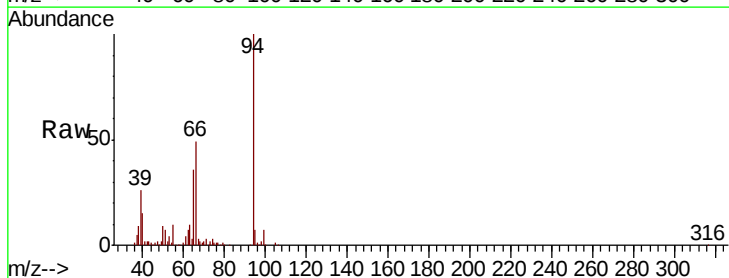
Tgt Ion: 94 Resp: 270865

Ion Ratio Lower Upper

94 100

65 35.5 17.0 57.0

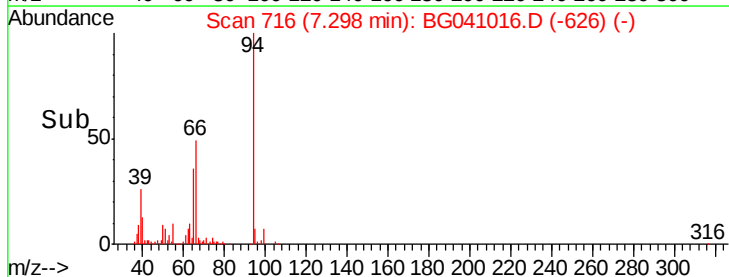
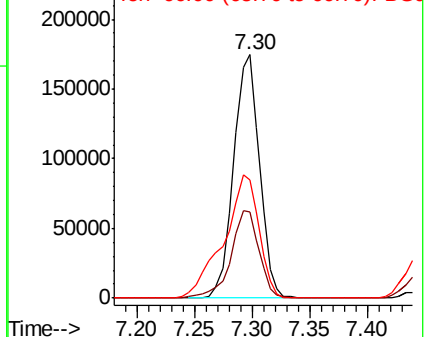
66 48.8 32.4 72.4

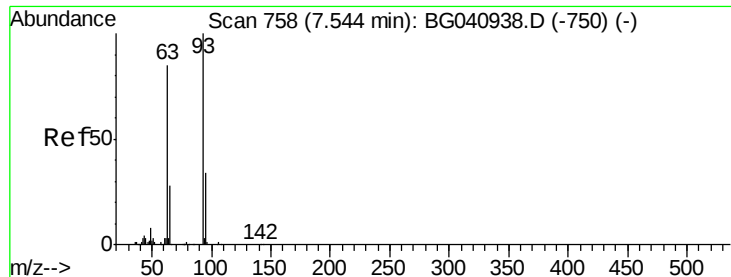


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

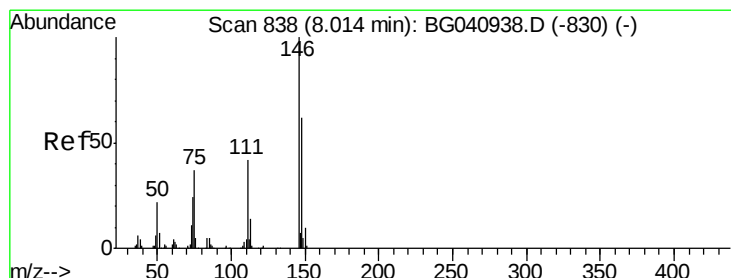
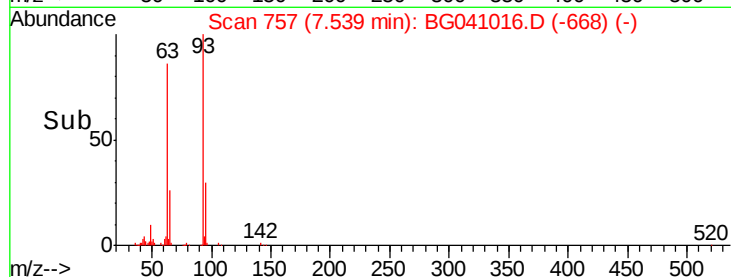
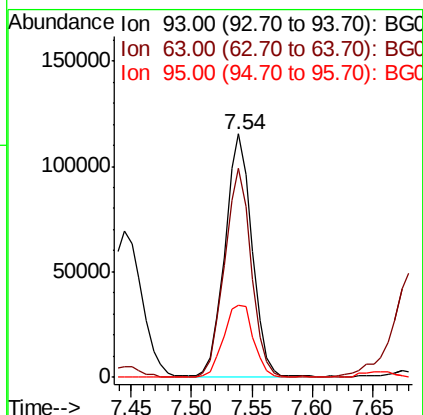
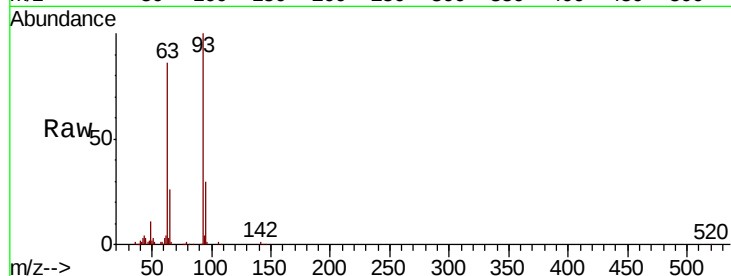




#11
bis(2-Chloroethyl)ether
Concen: 41.499 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

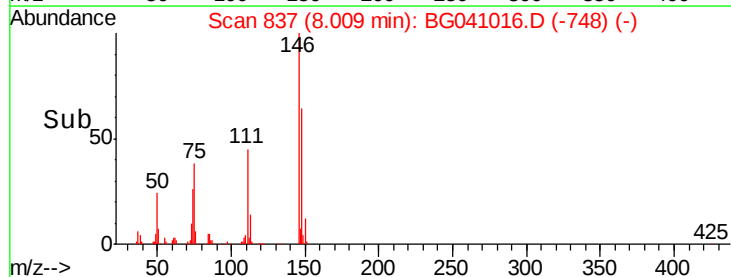
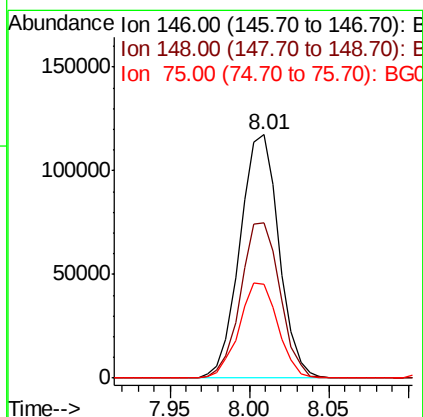
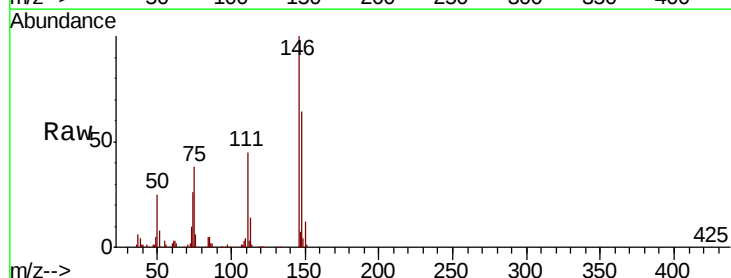
Instrument :
BNA_G
ClientSampleId :

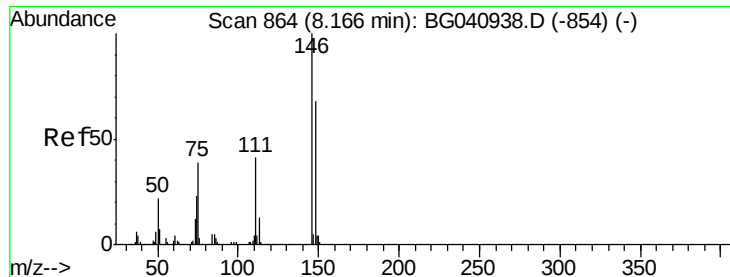
Tot Ion: 93 Resp: 179726
Ion Ratio Lower Upper
93 100
63 85.7 64.5 104.5
95 29.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.062 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion: 146 Resp: 200522
Ion Ratio Lower Upper
146 100
148 63.9 49.2 73.8
75 38.4 29.4 44.0

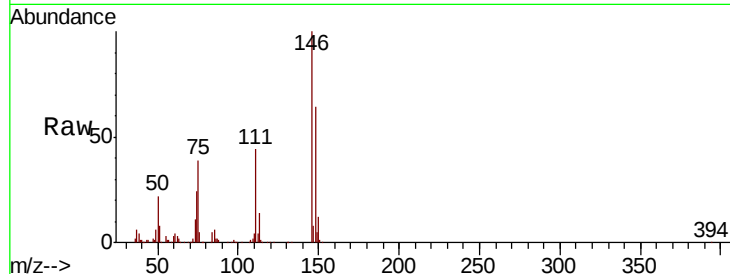




#13
 1,4-Dichlorobenzene
 Concen: 40.040 ng
 RT: 8.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	54.2	81.4
111	44.4	32.9	49.3

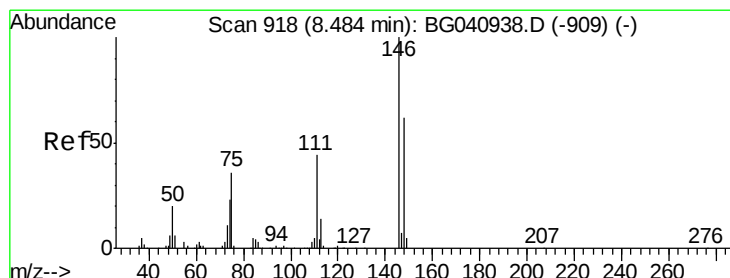
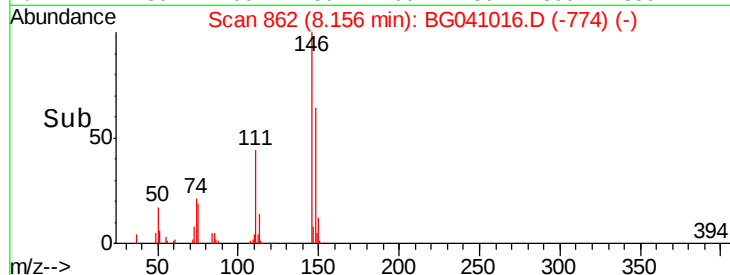
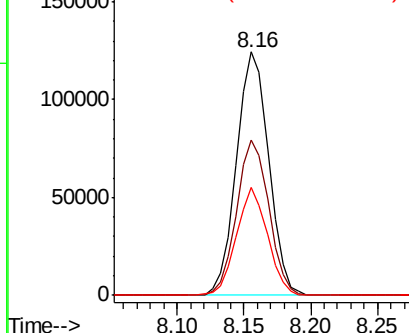


Abundance

Ion 146.00 (145.70 to 146.70): E

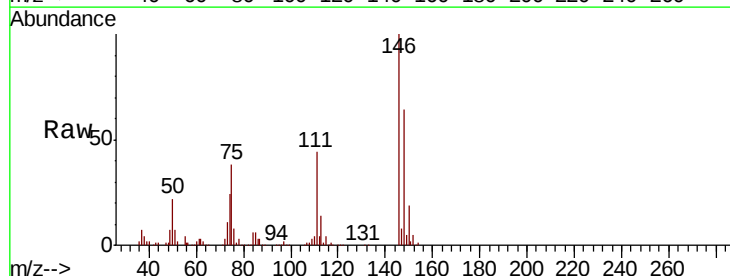
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.536 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.8	74.6
111	44.5	35.0	52.4

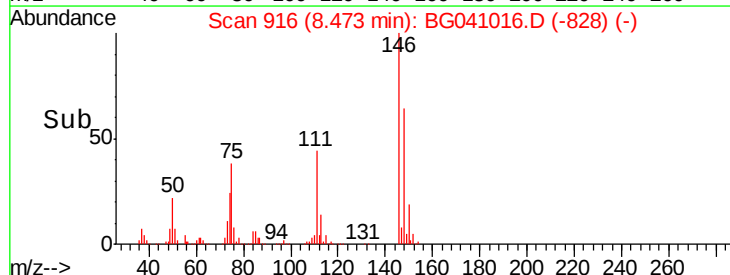
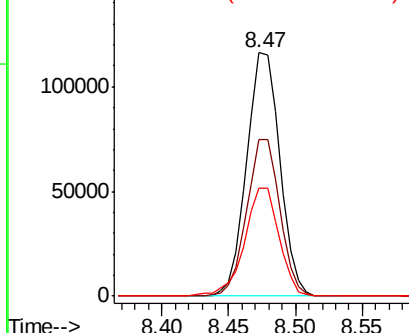


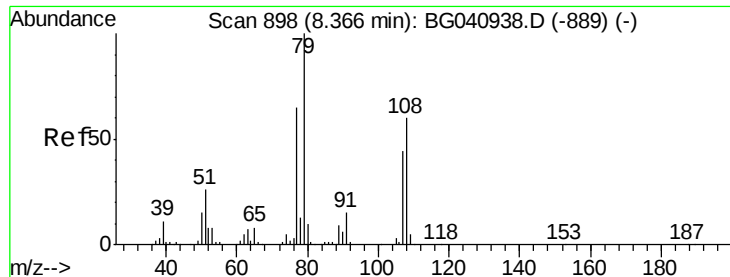
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.619 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

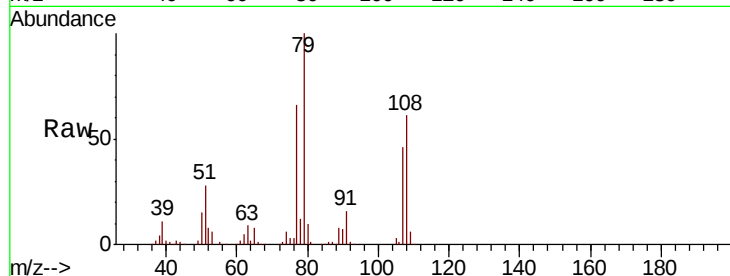
Tot Ion: 79 Resp: 224660

Ion Ratio Lower Upper

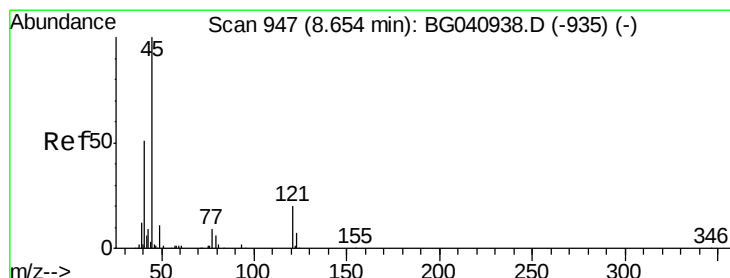
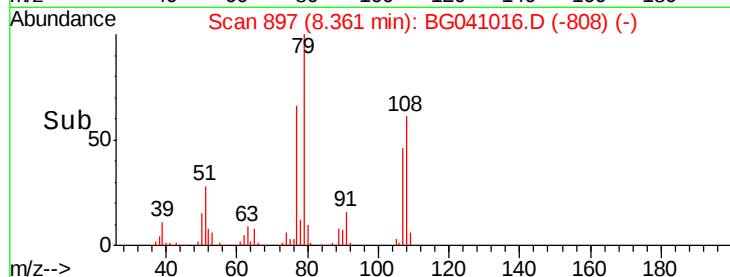
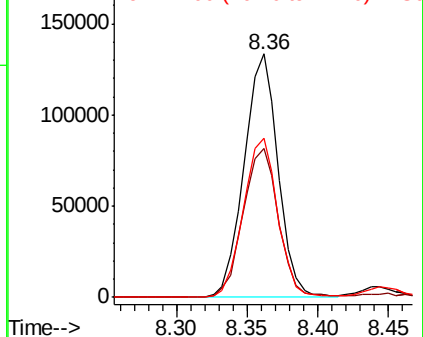
79 100

108 61.2 48.3 72.5

77 65.6 52.3 78.5



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: 41.082 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

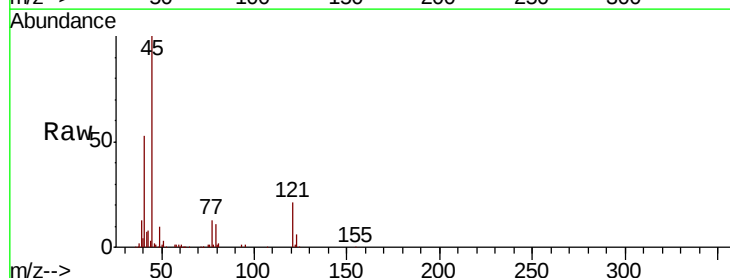
Tgt Ion: 45 Resp: 290726

Ion Ratio Lower Upper

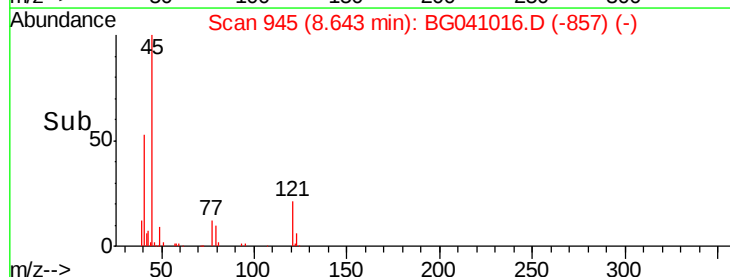
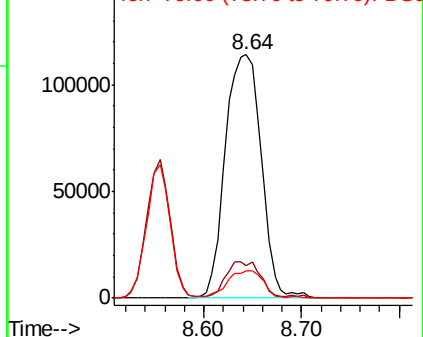
45 100

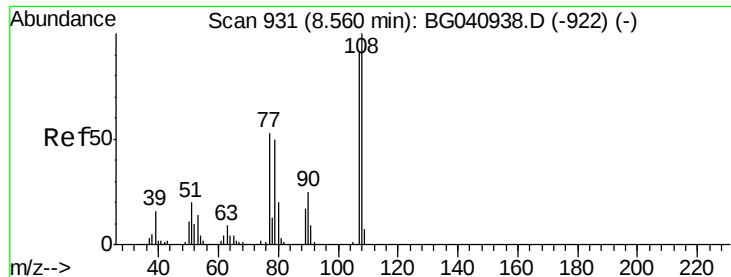
77 13.3 0.0 33.7

79 11.0 0.0 30.2



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

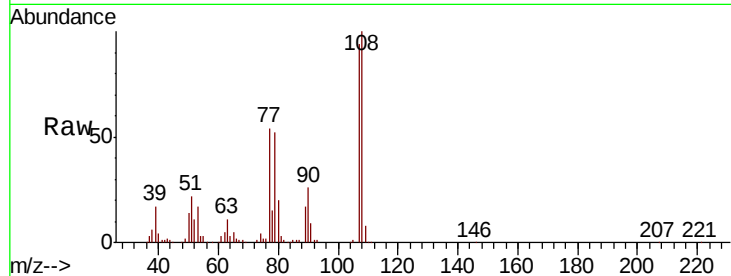




#17
2-Methylphenol
Concen: 42.895 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.4	87.7	131.5
77	57.1	46.6	70.0
79	55.0	44.6	66.8



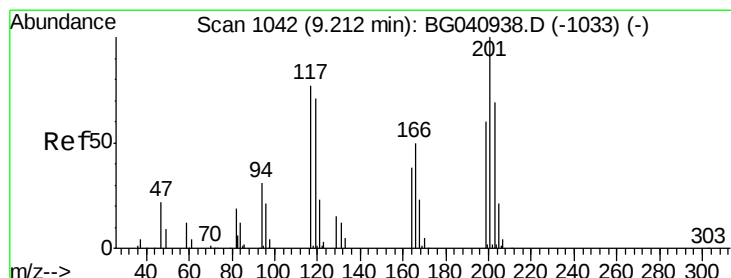
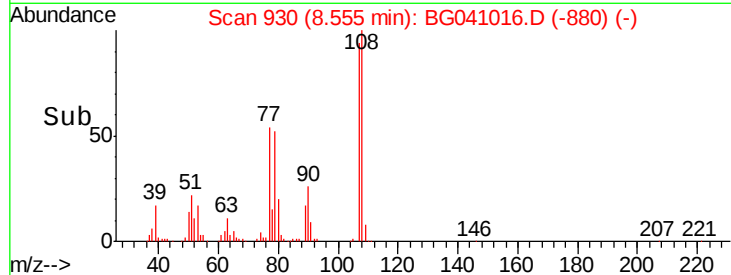
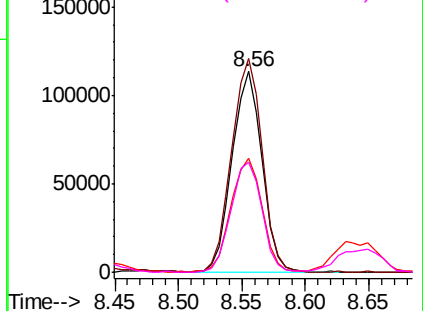
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

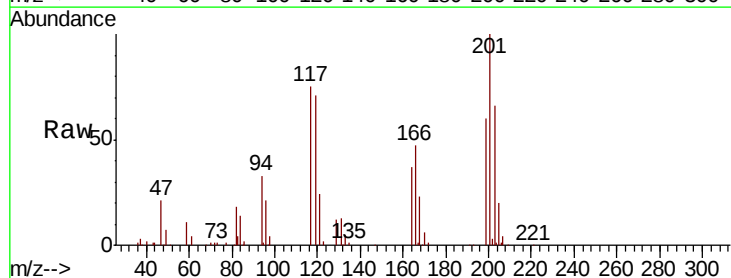
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.339 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.0	112.6
201	132.8	103.5	155.3

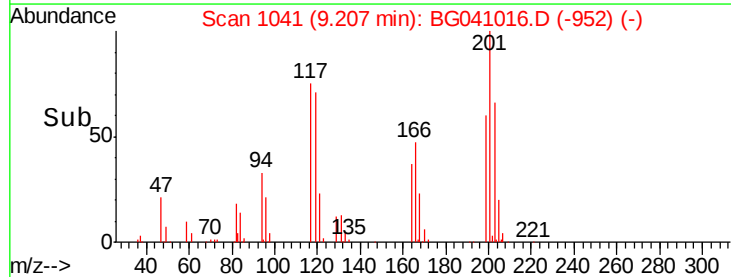
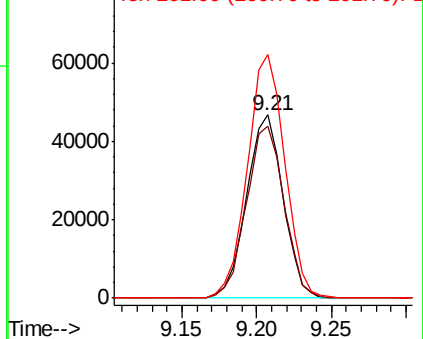


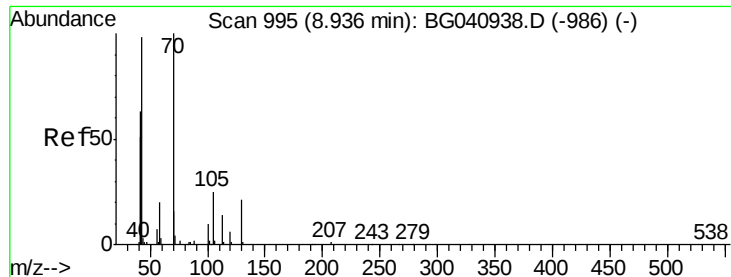
Abundance

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

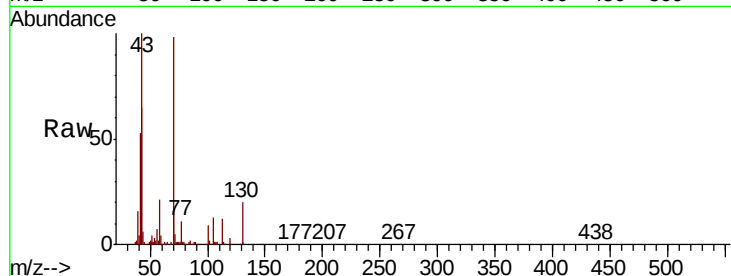




#19
n-Nitroso-di-n-propylamine
Concen: 40.719 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	174472
Ion	Ratio	Lower	Upper
70	100		
42	66.0	51.5	77.3
101	9.0	8.1	12.1
130	20.4	16.6	24.8



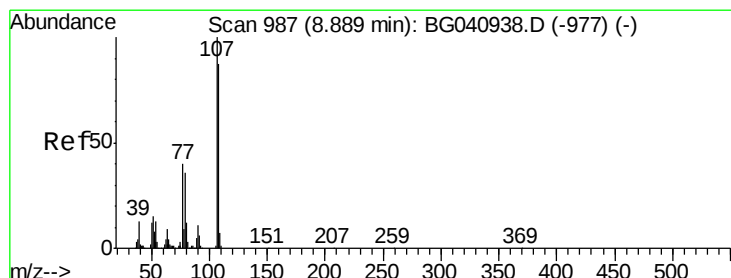
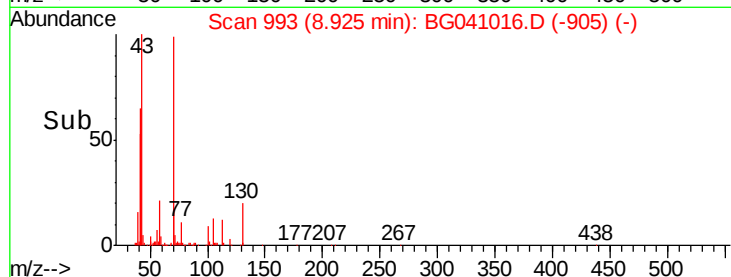
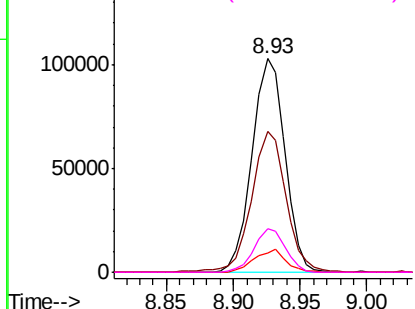
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

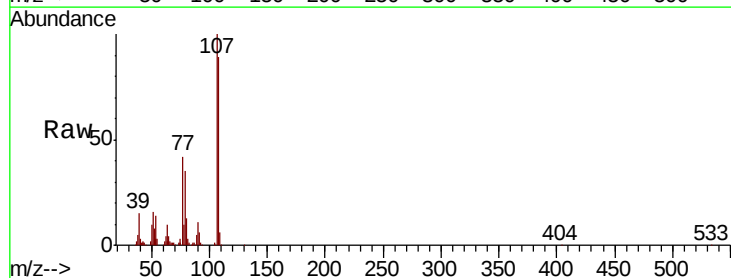
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.268 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion:	107	Resp:	253074
Ion	Ratio	Lower	Upper
107	100		
108	89.4	66.8	106.8
77	41.6	20.5	60.5
79	34.8	15.8	55.8



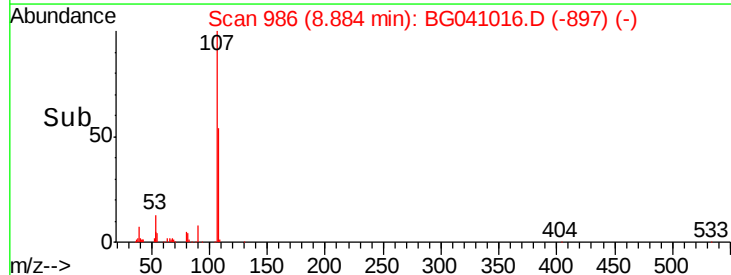
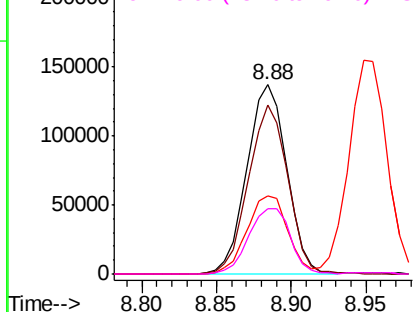
Abundance

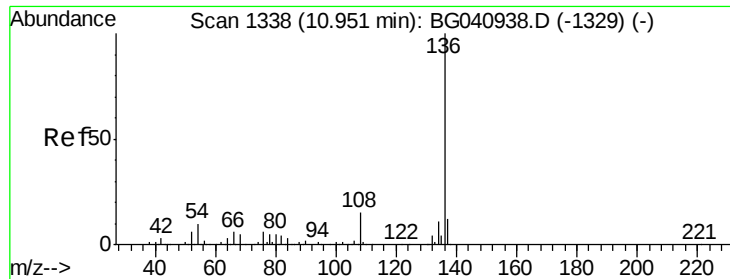
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

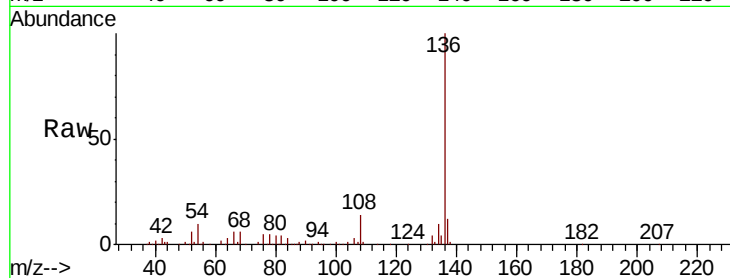




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 254915
Ion Ratio	Lower Upper
136 100	
137 12.1	9.5 14.3
54 9.9	7.6 11.4
68 6.1	3.9 5.9#



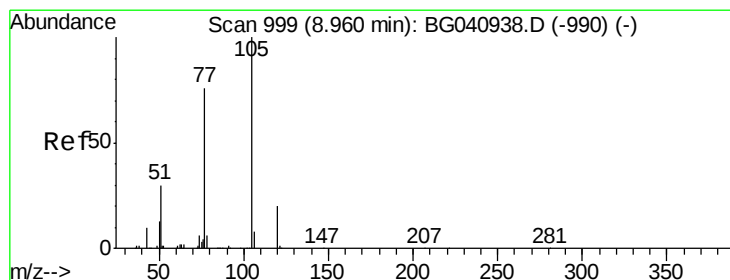
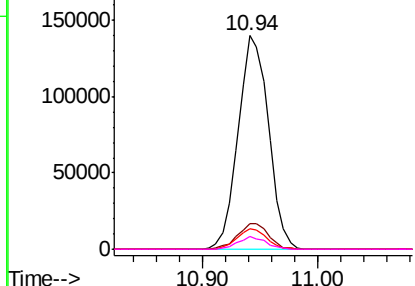
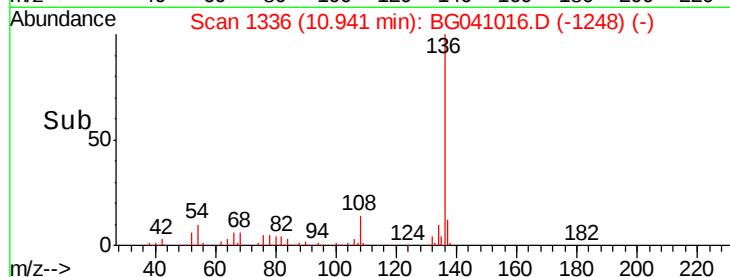
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

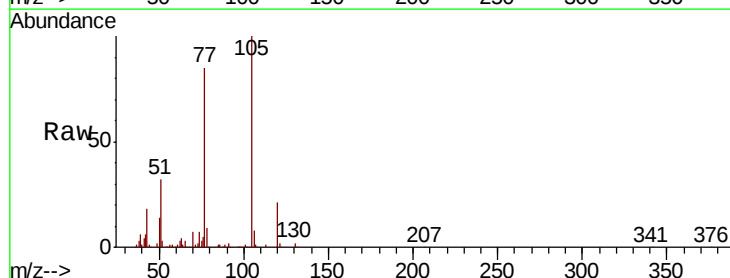
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 45.071 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion:105	Resp: 322294
Ion Ratio	Lower Upper
105 100	
71 1.4	0.4 0.6#
51 32.2	27.0 40.6
120 21.4	16.2 24.4



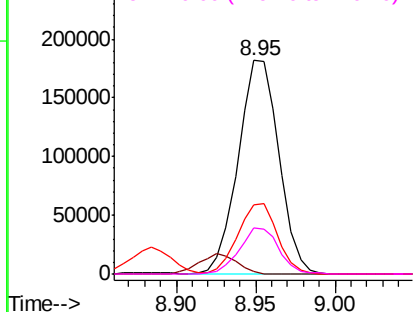
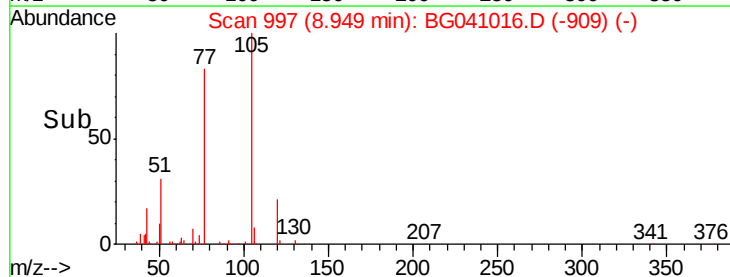
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

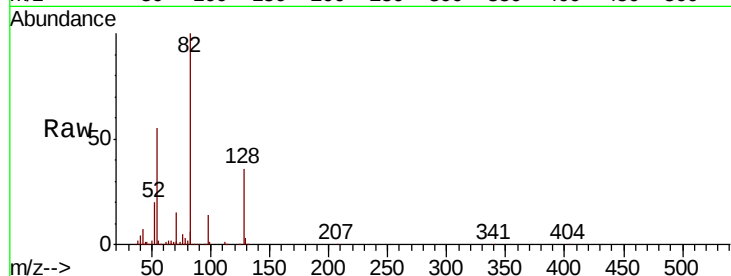




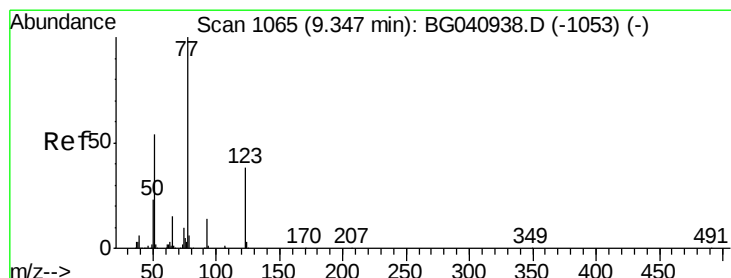
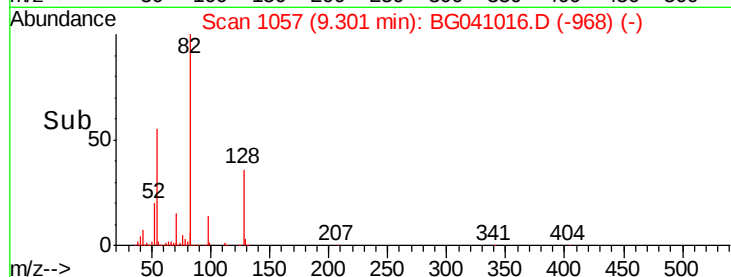
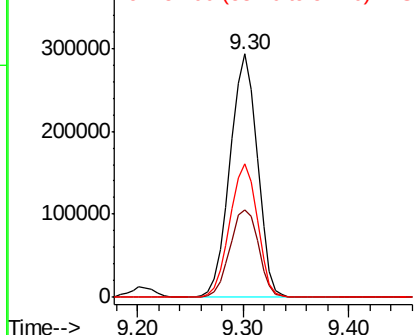
#23
 Nitrobenzene-d5
 Concen: 91.372 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 524674
 Ion Ratio Lower Upper
 82 100
 128 36.0 30.5 45.7
 54 54.7 44.6 66.8

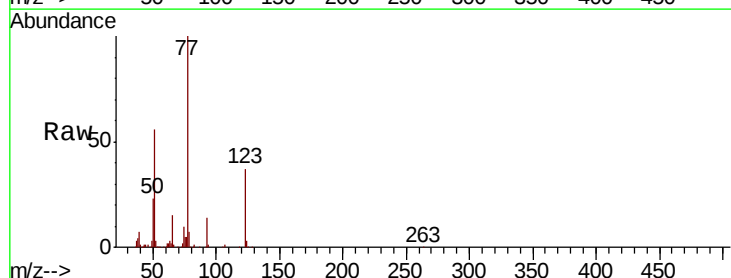


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

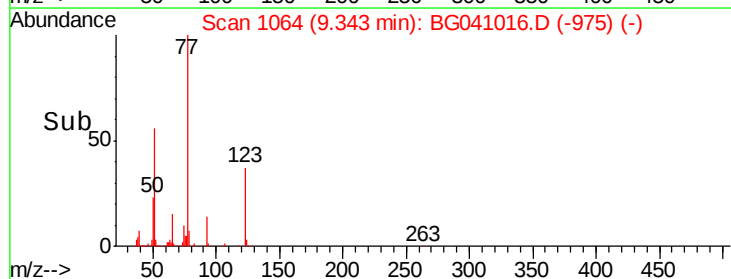
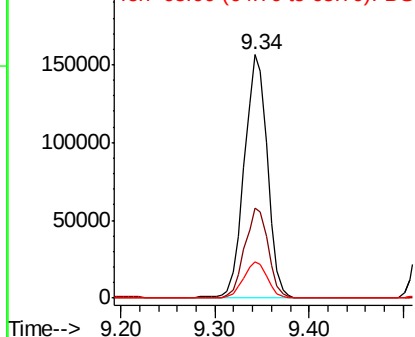


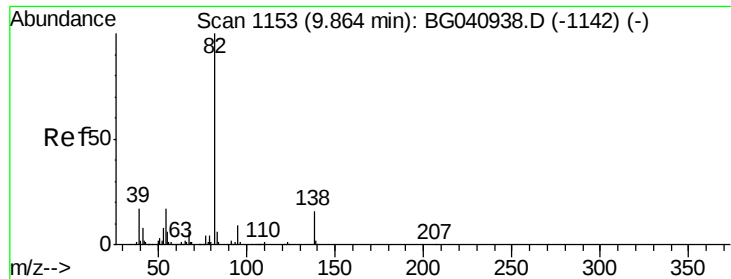
#24
 Nitrobenzene
 Concen: 45.502 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion: 77 Resp: 266266
 Ion Ratio Lower Upper
 77 100
 123 37.1 30.6 46.0
 65 15.1 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.594 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

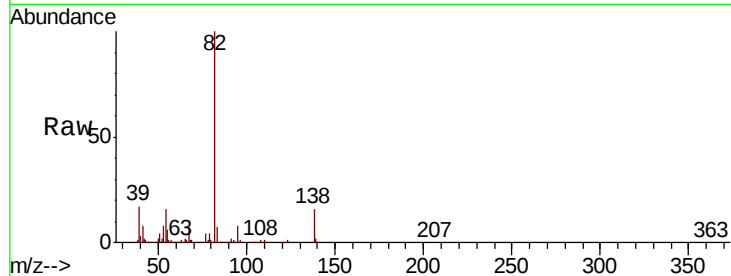
Tot Ion: 82 Resp: 498242

Ion Ratio Lower Upper

82 100

95 8.5 7.0 10.4

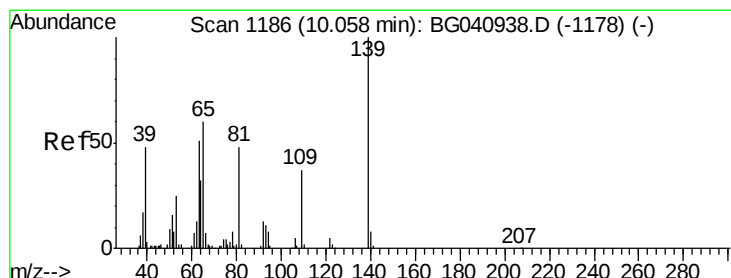
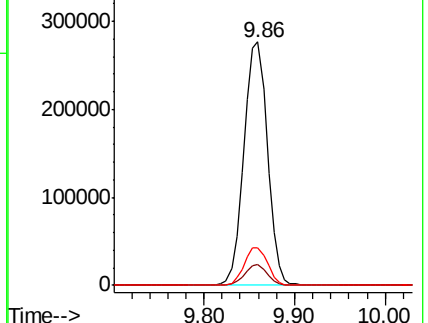
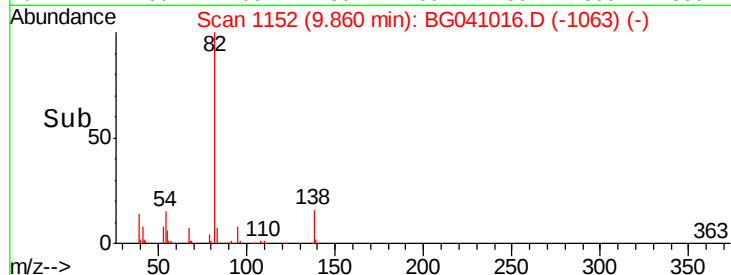
138 15.7 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG041016.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BG041016.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BG041016.D (-1063) (-)



#26

2-Nitrophenol

Concen: 48.290 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

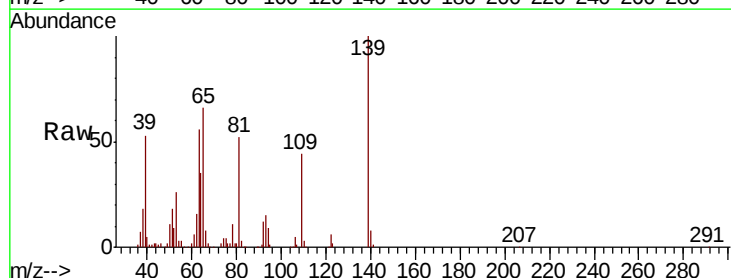
Tgt Ion: 139 Resp: 116495

Ion Ratio Lower Upper

139 100

109 43.7 29.8 44.6

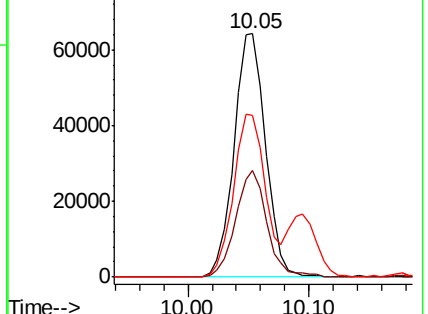
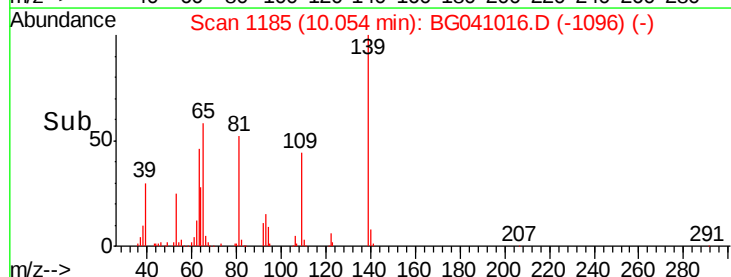
65 66.3 47.8 71.6

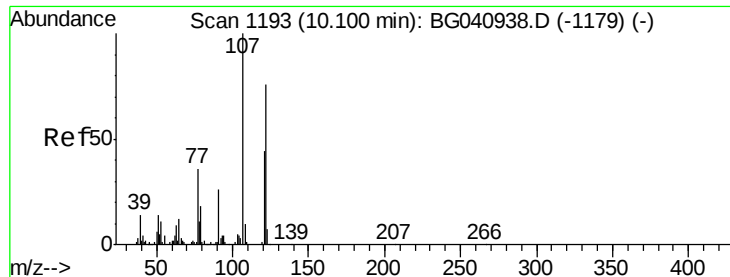


Abundance Ion 139.00 (138.70 to 139.70): BG041016.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BG041016.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BG041016.D (-1096) (-)

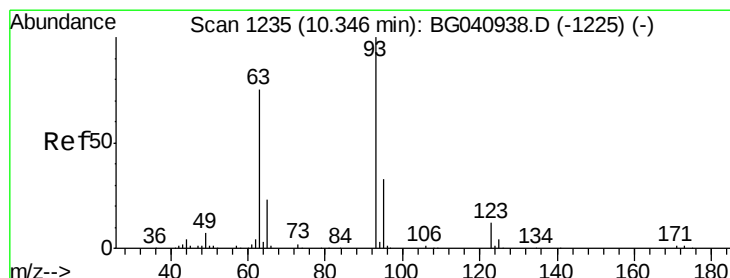
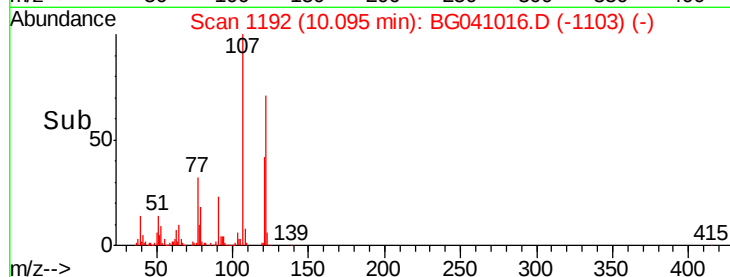
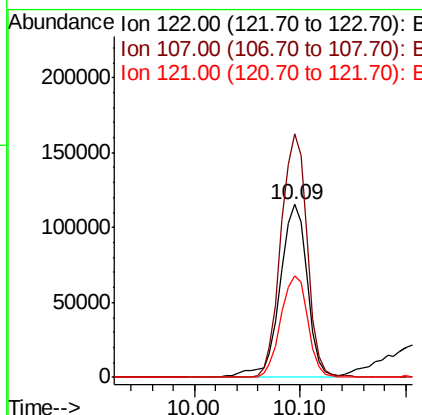
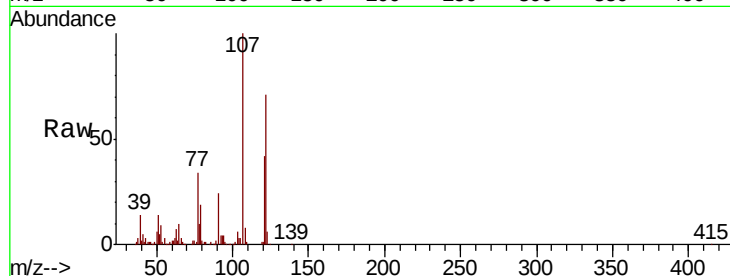




#27
2,4-Dimethylphenol
Concen: 51.585 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

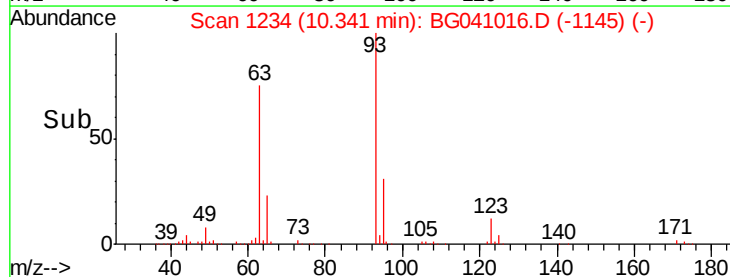
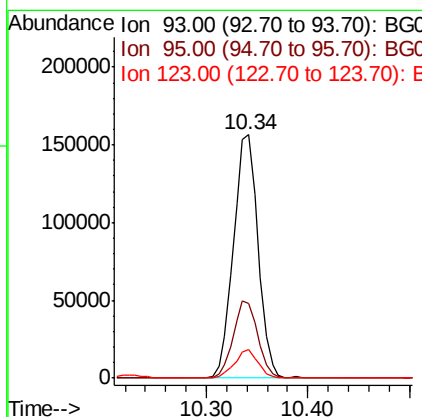
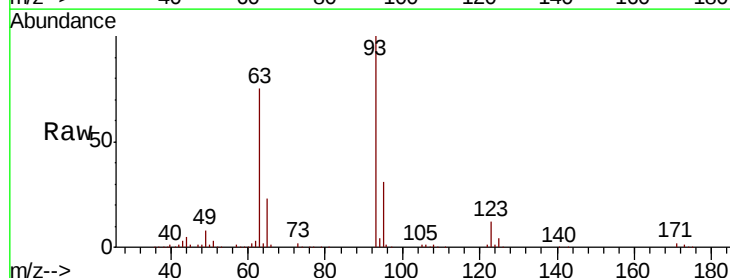
Instrument :
BNA_G
ClientSampleId :

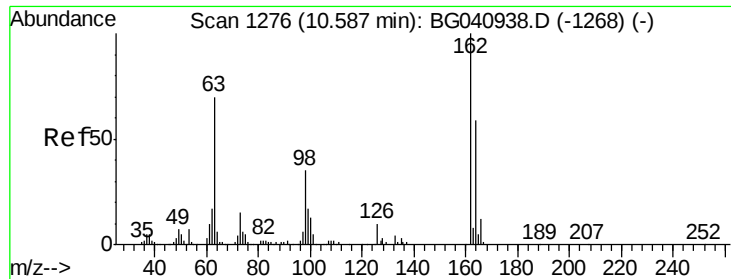
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.0	105.9	158.9
121	58.9	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.739 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.2	39.2
123	11.6	9.5	14.3

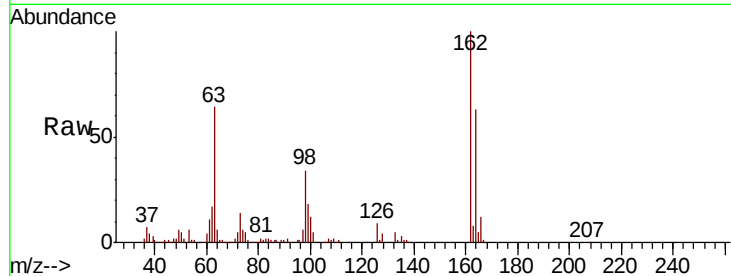




#29
2,4-Dichlorophenol
Concen: 45.239 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	39.4	79.4
98	34.3	15.3	55.3

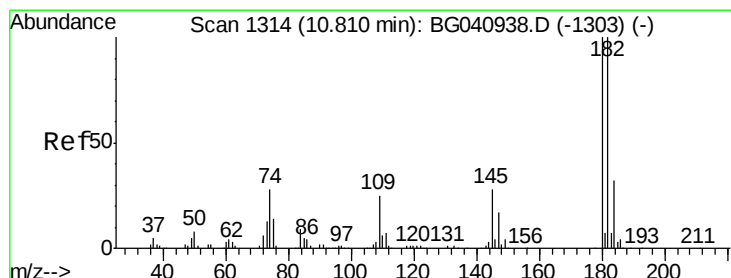
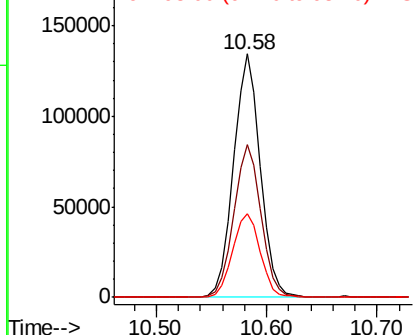
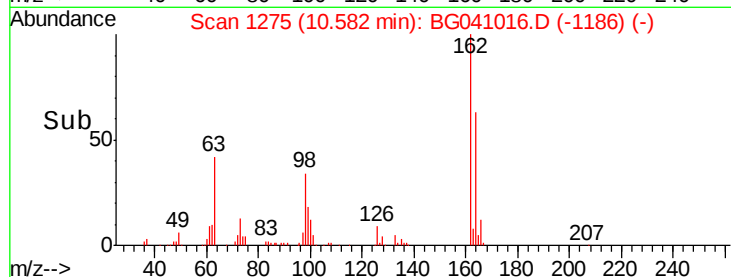


Abundance

Ion 162.00 (161.70 to 162.70): E

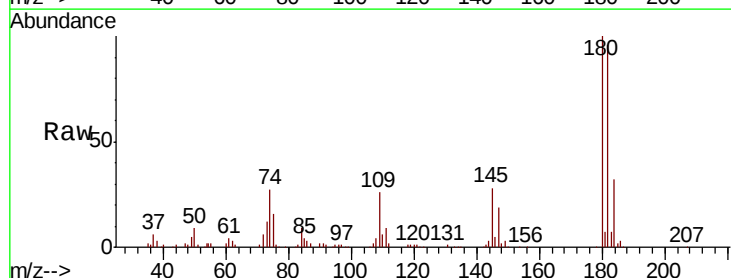
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.497 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.7	119.5
145	28.1	22.6	34.0

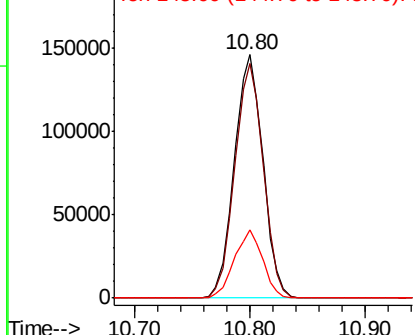
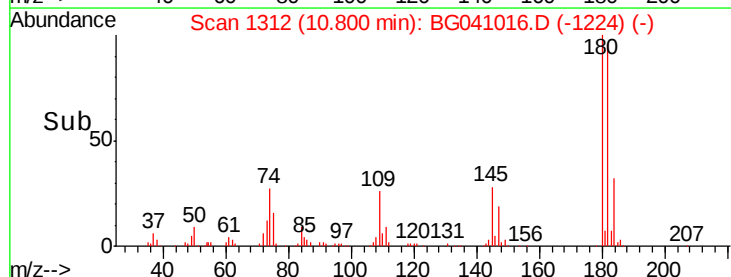


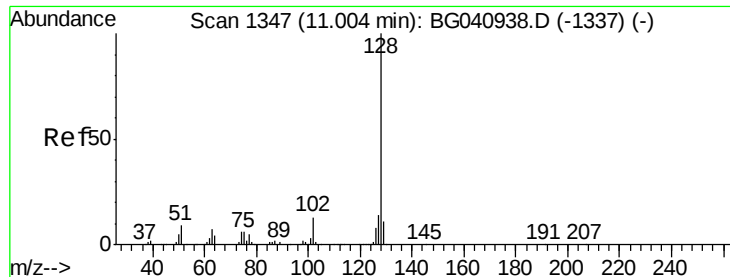
Abundance

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

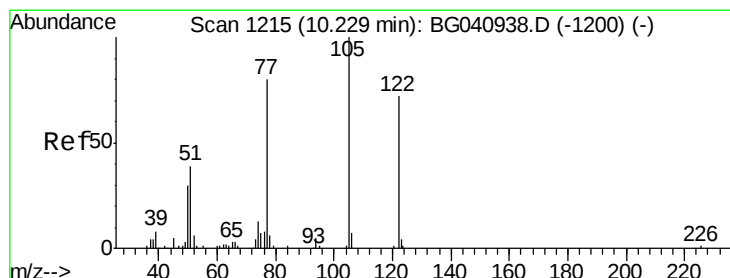
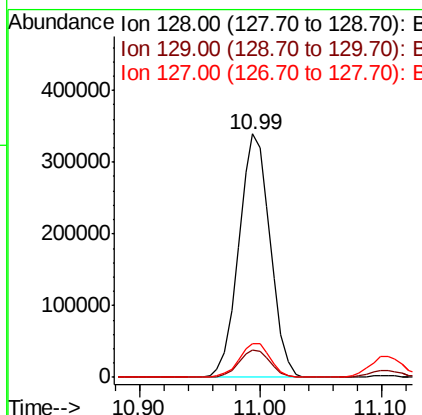
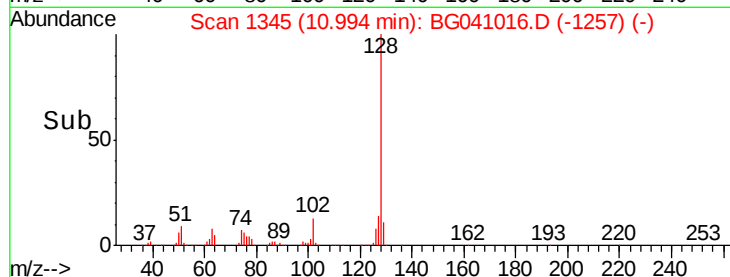
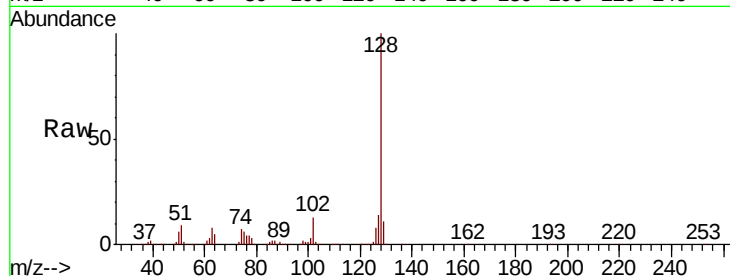




#31
Naphthalene
Concen: 44.594 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

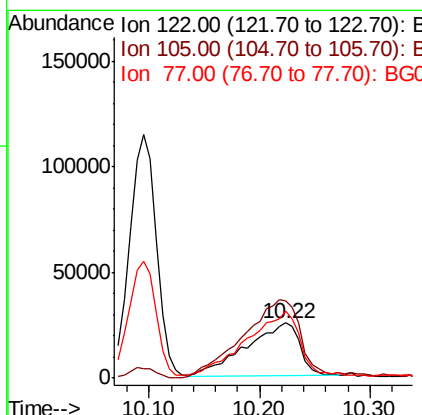
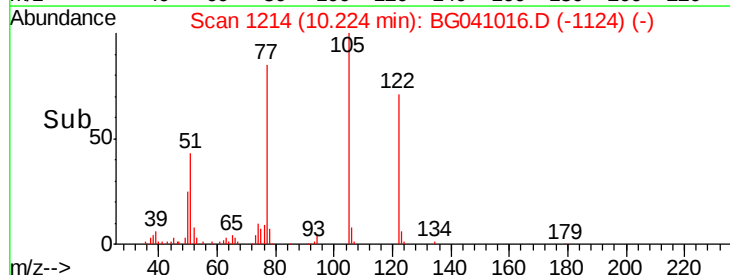
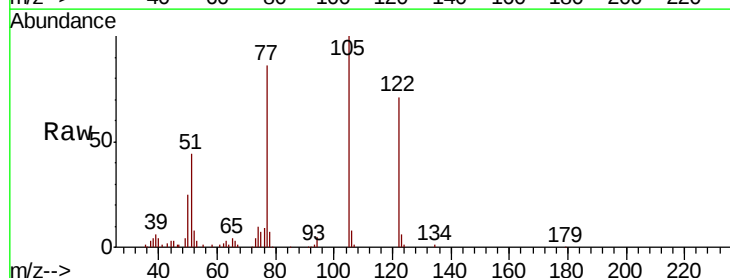
Instrument :
BNA_G
ClientSampled :

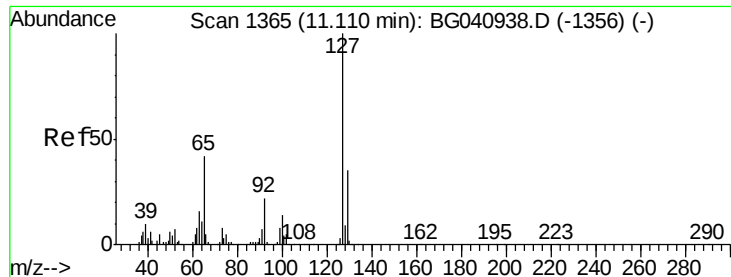
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	14.1	11.4	17.2



#32
Benzoic acid
Concen: 31.274 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.3	114.8	154.8
77	120.6	89.9	129.9

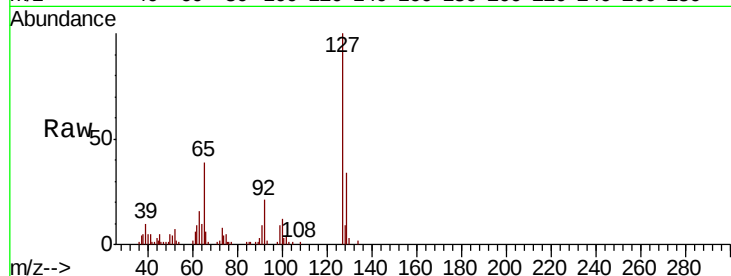




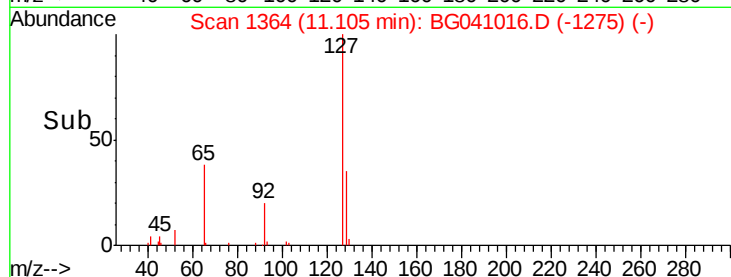
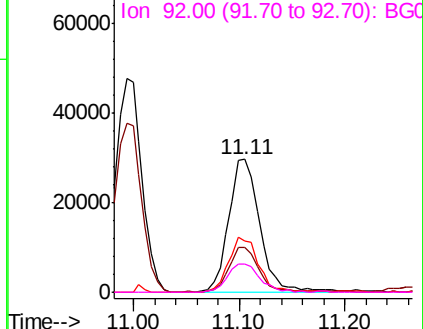
#33
4-Chloroaniline
Concen: 9.505 ng
RT: 11.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	60359	
Ion Ratio	Lower	Upper	
127 100			
129 34.0	27.7	41.5	
65 38.6	33.2	49.8	
92 21.1	17.2	25.8	

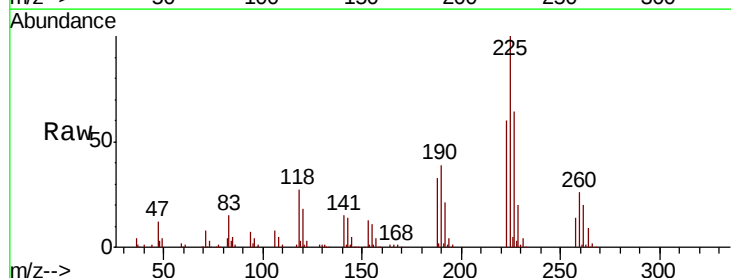


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

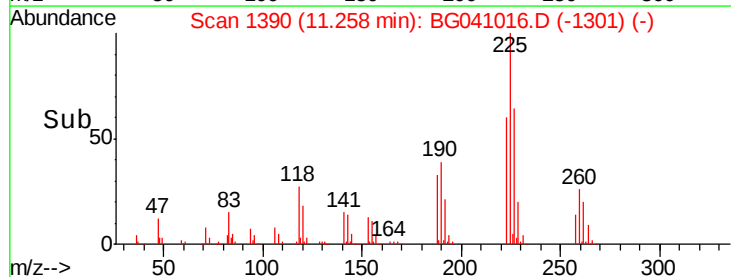
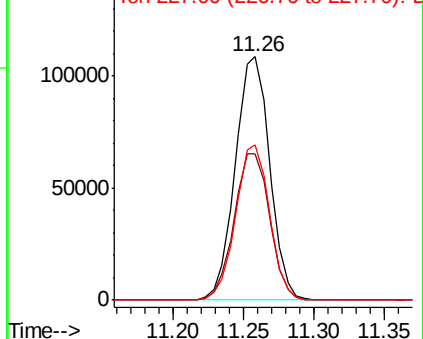


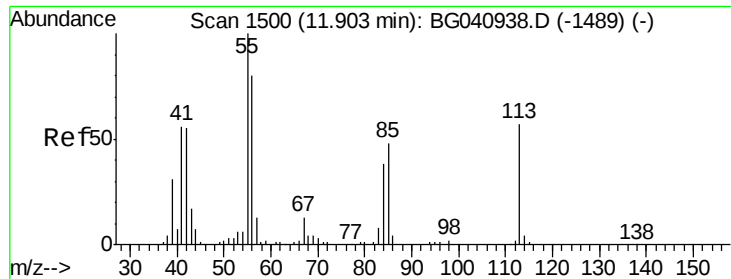
#34
Hexachlorobutadiene
Concen: 42.027 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	225	Resp: Lower	185084 Upper
	Ratio		
225	100		
223	60.1	48.8	73.2
227	63.7	51.4	77.0



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: 29.145 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampled :

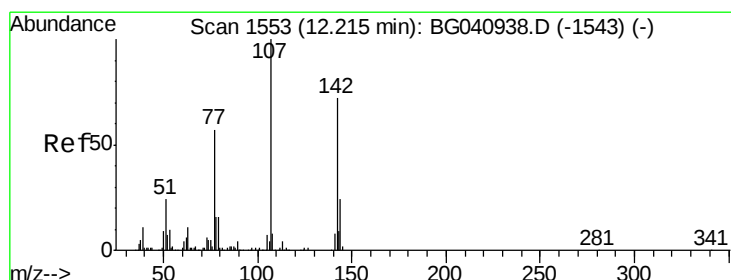
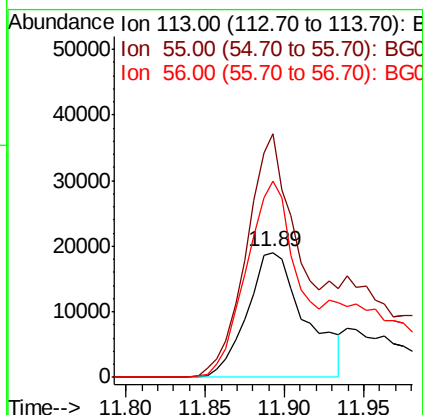
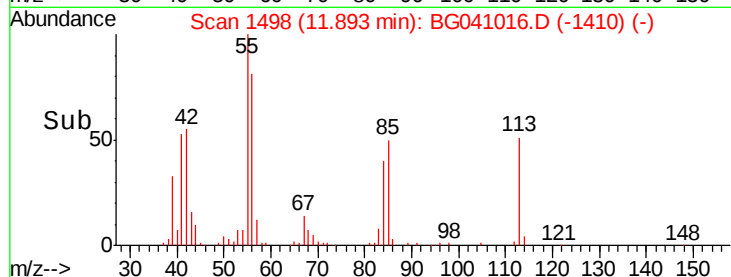
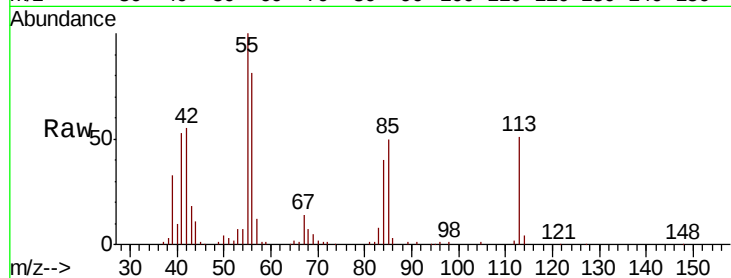
Tot Ion:113 Resp: 48694

Ion Ratio Lower Upper

113 100

55 195.4 155.9 195.9

56 157.8 119.9 159.9



#36

4-Chloro-3-methylphenol

Concen: 44.690 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

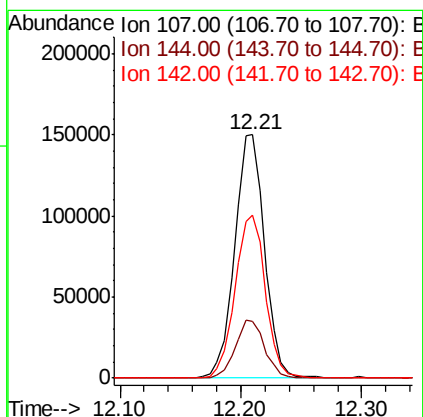
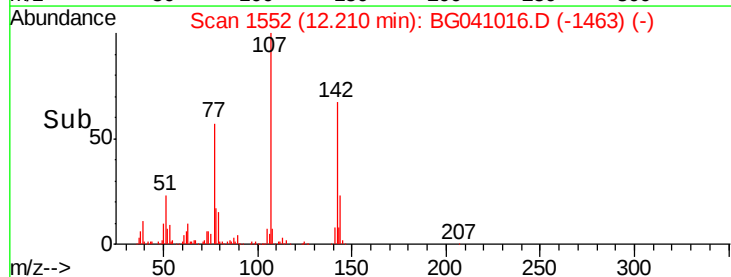
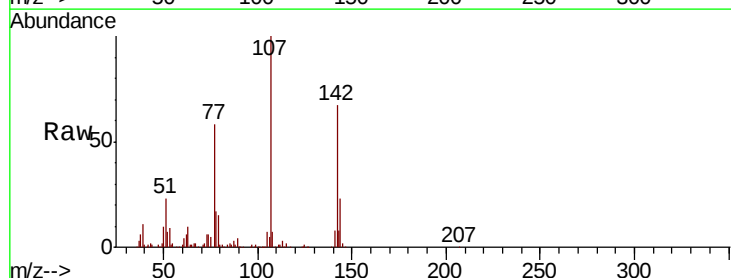
Tgt Ion:107 Resp: 258230

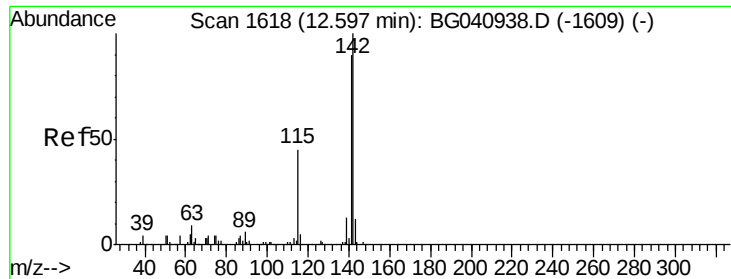
Ion Ratio Lower Upper

107 100

144 23.2 19.4 29.0

142 67.1 57.3 85.9

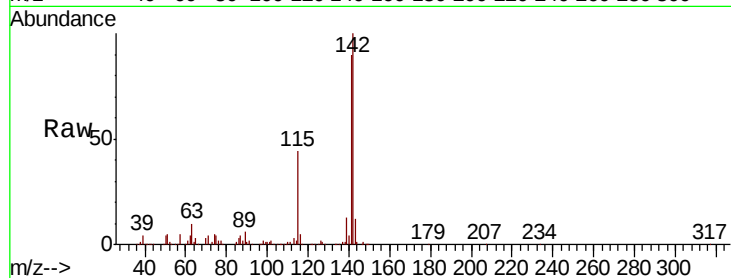




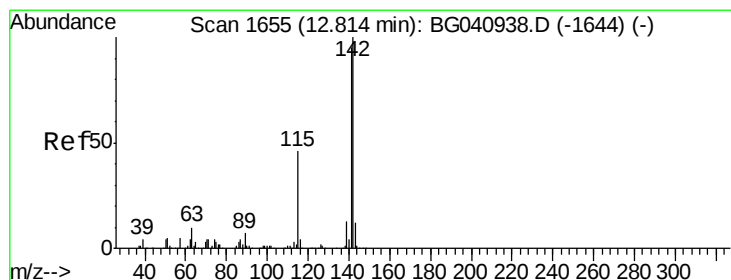
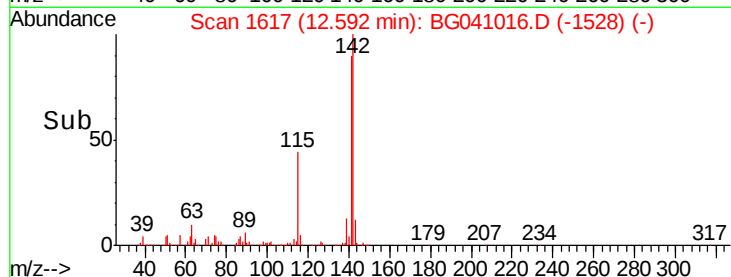
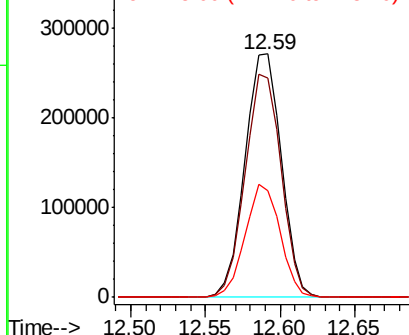
#37
2-Methylnaphthalene
Concen: 43.437 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	43.8	36.2	54.4

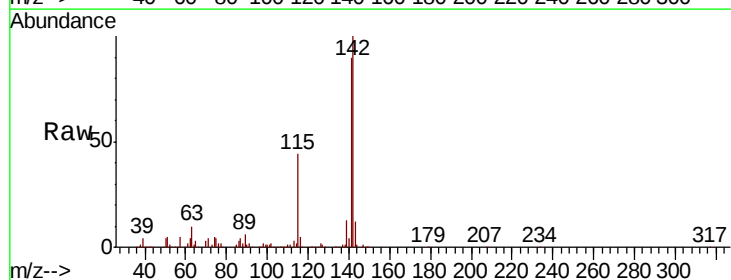


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

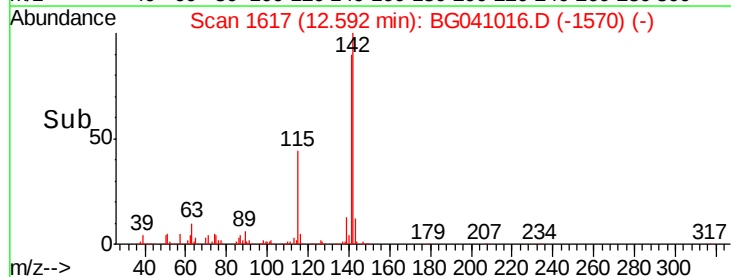
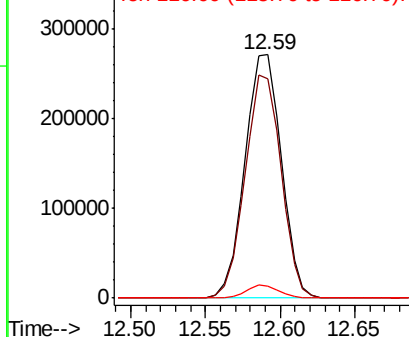


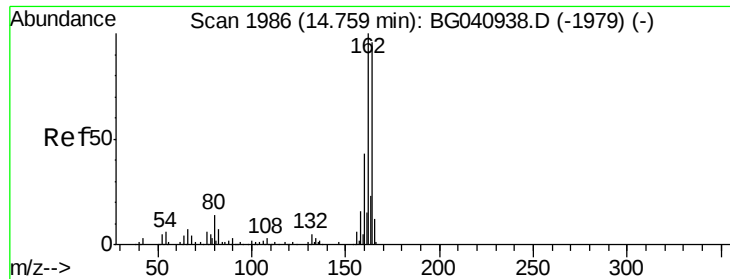
#38
1-Methylnaphthalene
Concen: 46.095 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.22 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.7	113.5
116	4.7	3.4	5.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

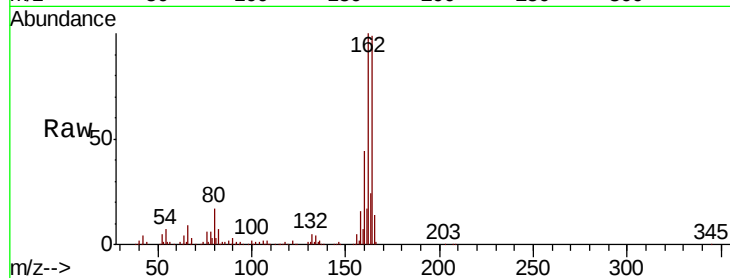
Tot Ion:164 Resp: 182129

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.4

160 45.0 35.6 53.4

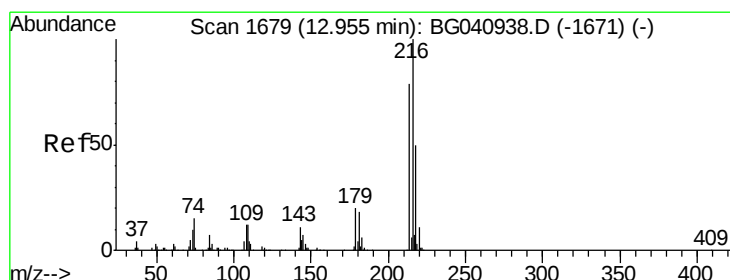
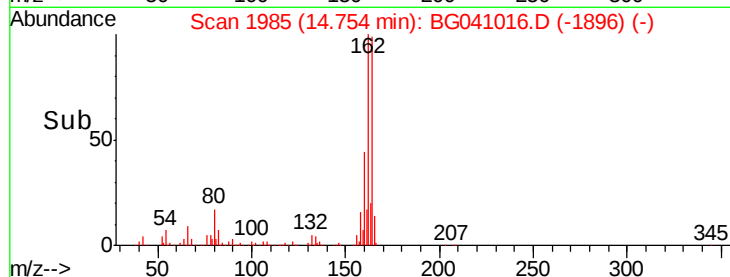
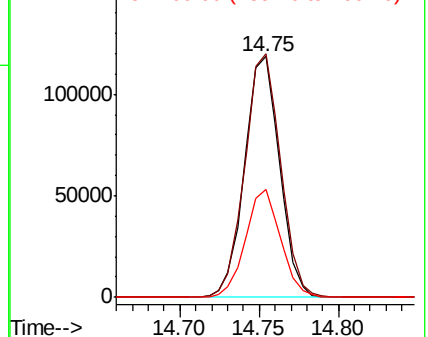


Abundance

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: 45.759 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:216 Resp: 335908

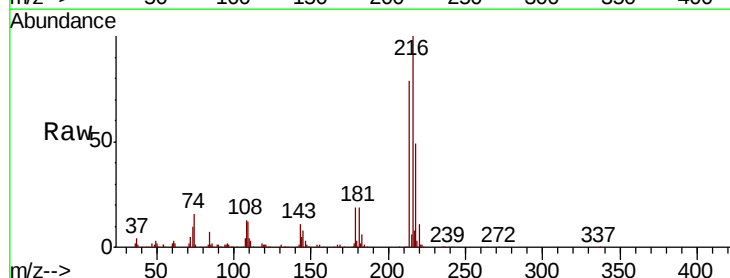
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 18.9 15.2 22.8

108 16.7 11.4 17.2



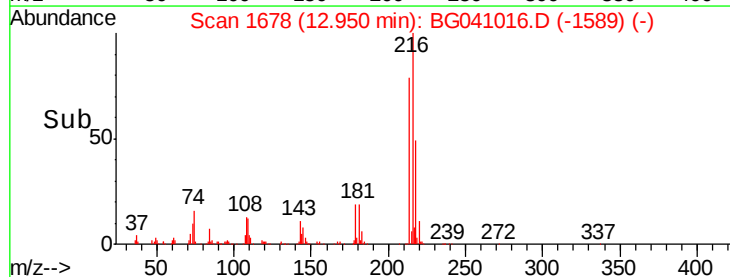
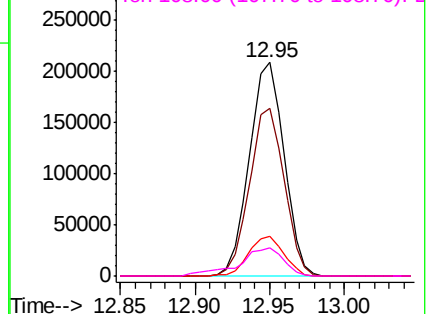
Abundance

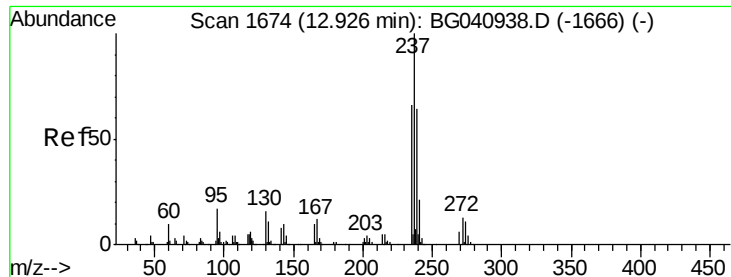
Ion 216.00 (215.70 to 216.70): E

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: 93.832 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

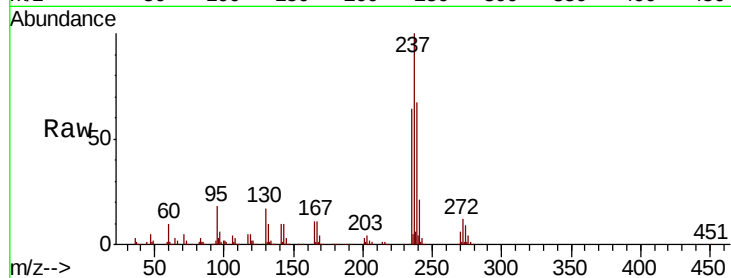
Tot Ion:237 Resp: 376525

Ion Ratio Lower Upper

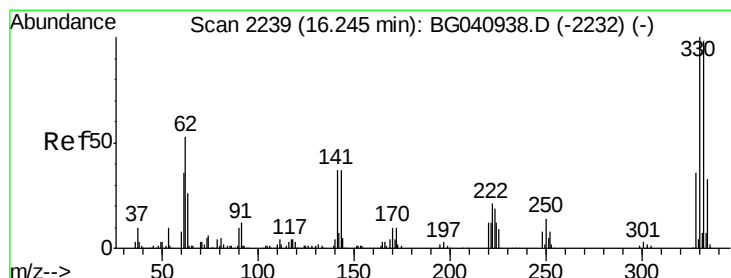
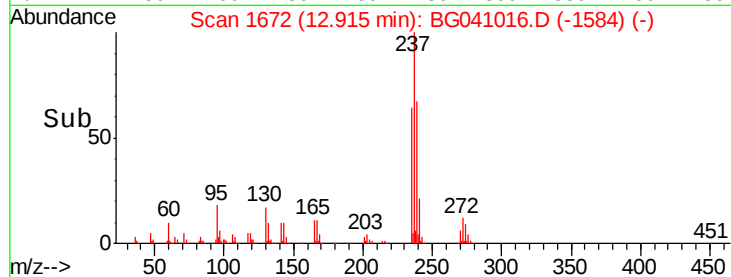
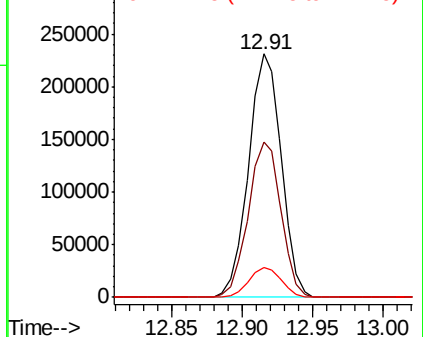
237 100

235 63.9 45.5 85.5

272 12.1 0.0 32.9



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: 139.740 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

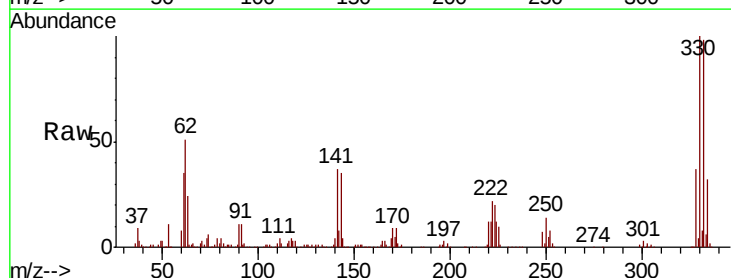
Tgt Ion:330 Resp: 377833

Ion Ratio Lower Upper

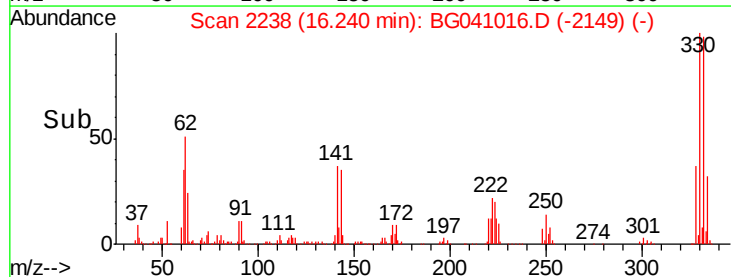
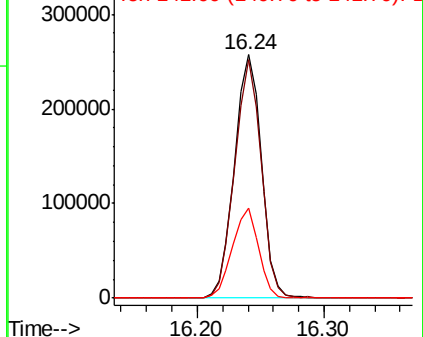
330 100

332 96.3 78.5 117.7

141 35.8 28.7 43.1



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

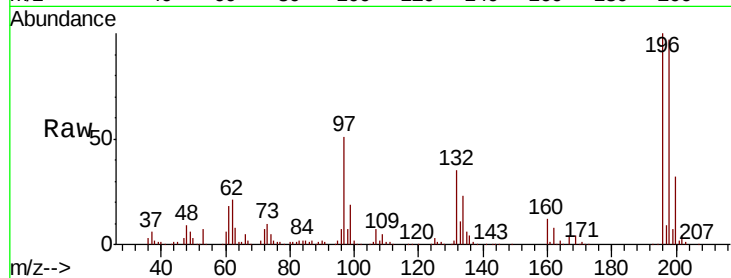




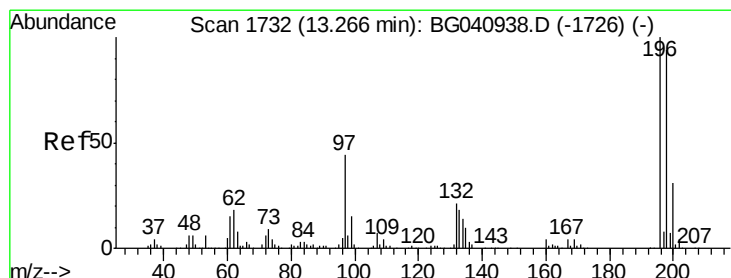
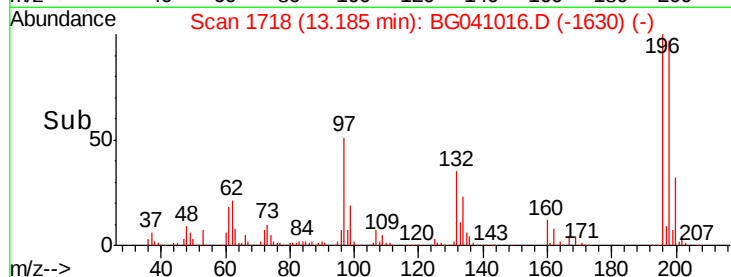
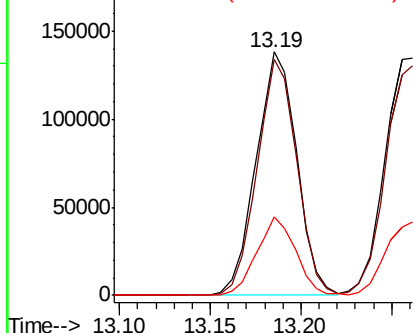
#43
 2,4,6-Trichlorophenol
 Concen: 45.315 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 215192
 Ion Ratio Lower Upper
 196 100
 198 96.9 73.8 110.6
 200 32.2 24.1 36.1

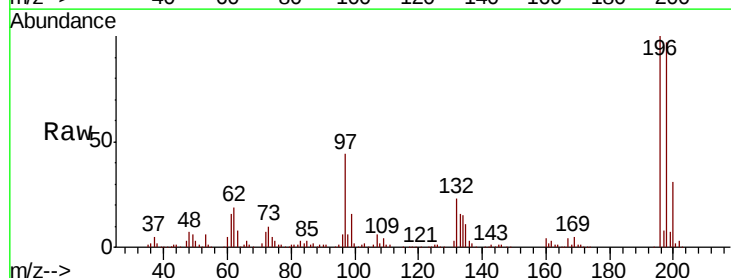


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

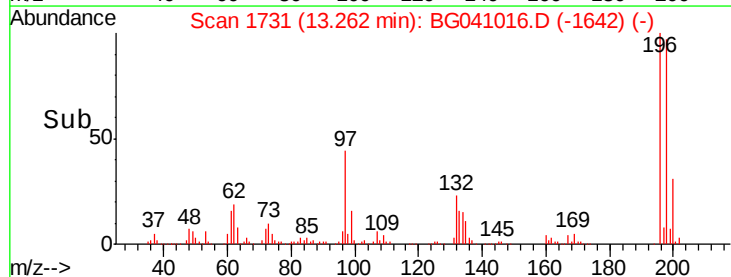
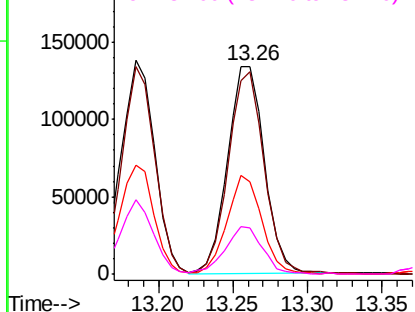


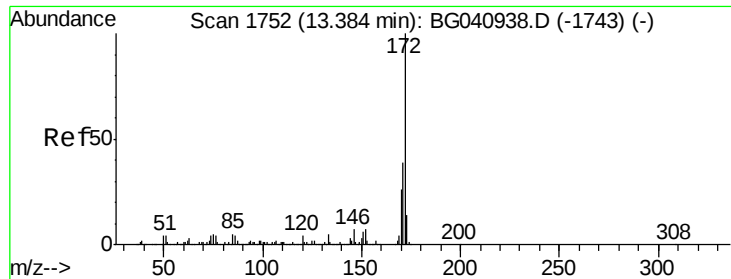
#44
 2,4,5-Trichlorophenol
 Concen: 46.062 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion:196 Resp: 230693
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.1 112.7
 97 44.2 35.6 53.4
 132 22.5 16.7 25.1



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

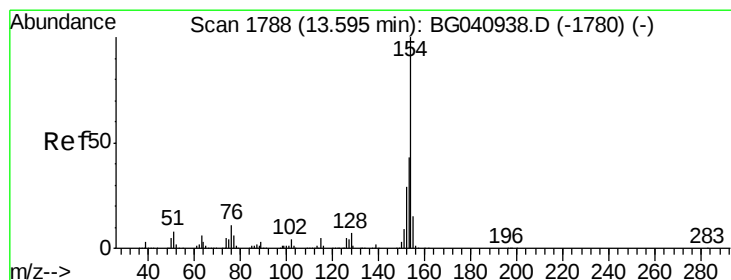
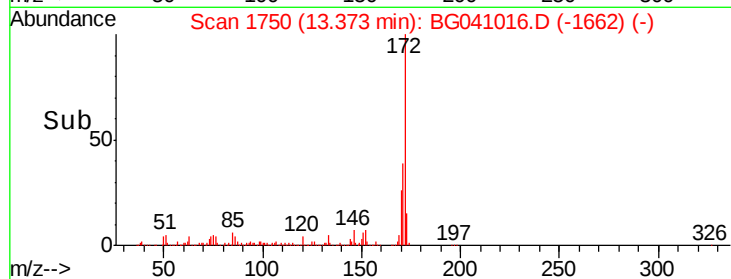
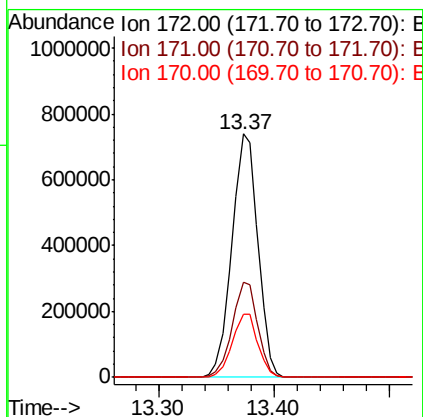
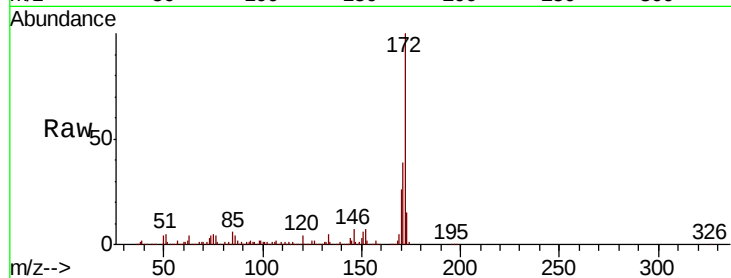




#45
2-Fluorobiphenyl
Concen: 90.762 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

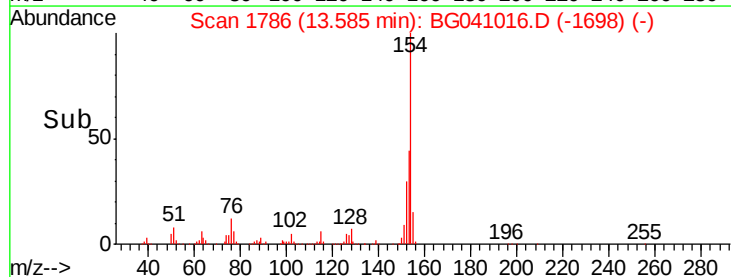
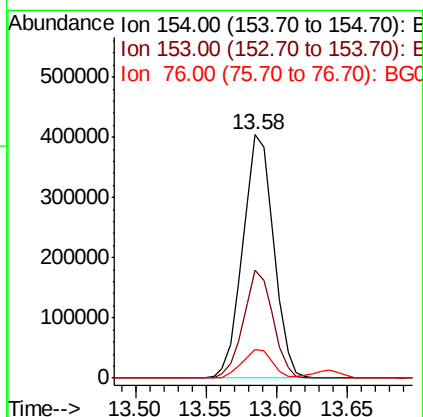
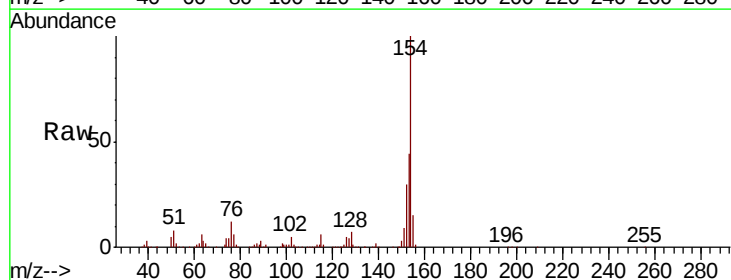
Instrument :
BNA_G
ClientSampleId :

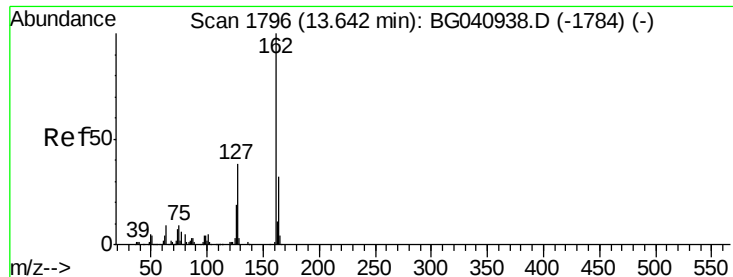
Tot Ion:172 Resp: 1147857
Ion Ratio Lower Upper
172 100
171 39.0 31.1 46.7
170 26.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 45.955 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion:154 Resp: 619547
Ion Ratio Lower Upper
154 100
153 44.2 23.3 63.3
76 11.7 0.0 31.1

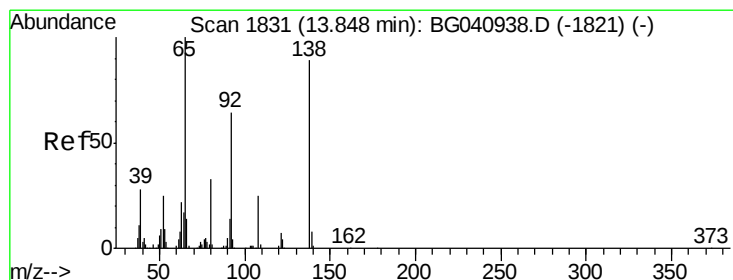
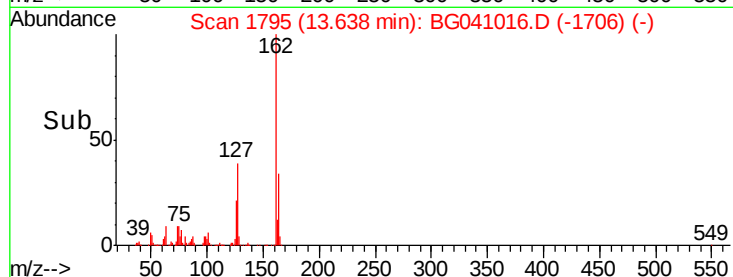
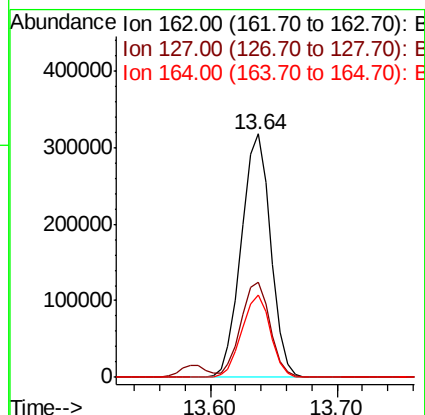
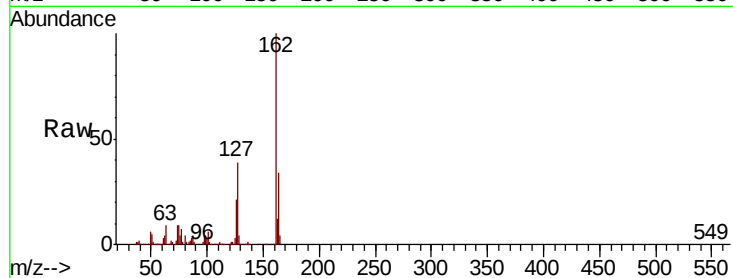




#47
2-Chloronaphthalene
Concen: 44.050 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

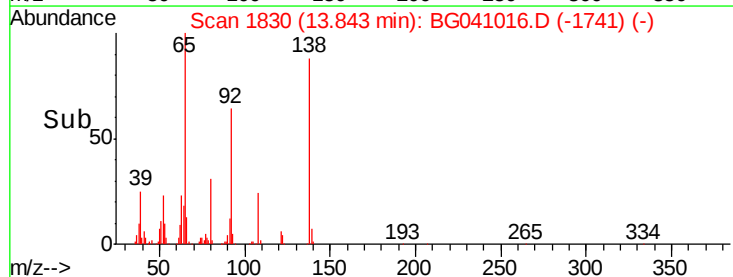
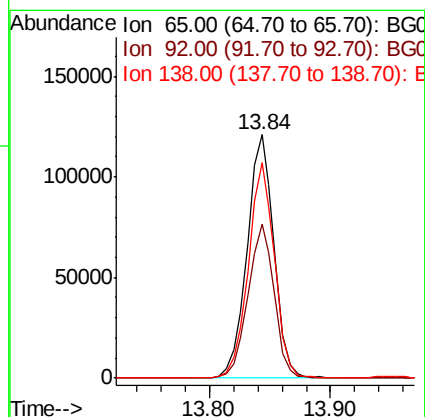
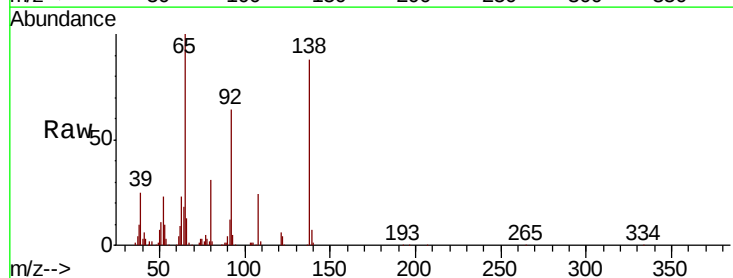
Instrument :
BNA_G
ClientSampleId :

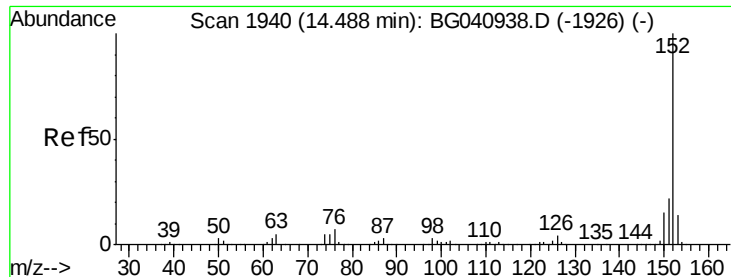
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.5	45.7
164	33.9	25.8	38.6



#48
2-Nitroaniline
Concen: 44.939 ng
RT: 13.84 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	51.0	76.6
138	88.5	71.2	106.8





#49

Acenaphthylene

Concen: 44.889 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

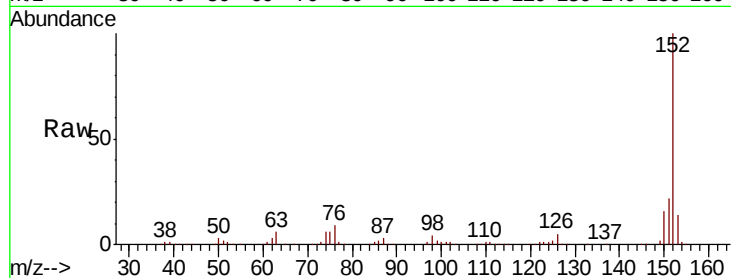
Tot Ion:152 Resp: 781933

Ion Ratio Lower Upper

152 100

151 22.4 17.4 26.0

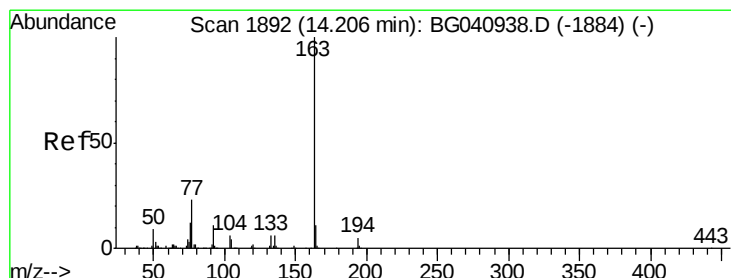
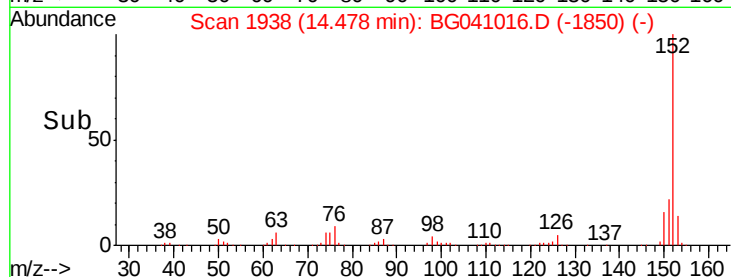
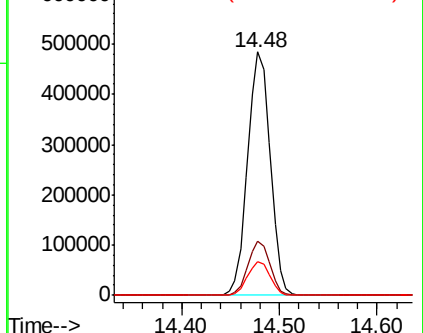
153 13.9 11.0 16.4



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: 53.803 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

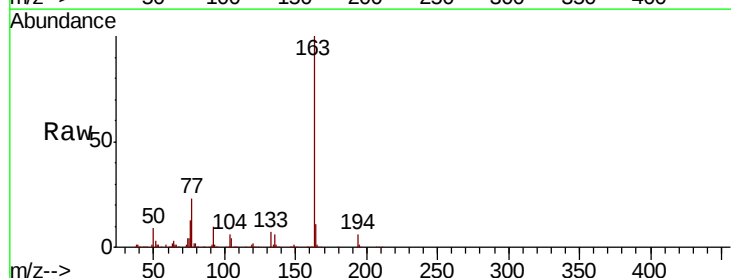
Tgt Ion:163 Resp: 829492

Ion Ratio Lower Upper

163 100

194 5.7 3.8 5.8

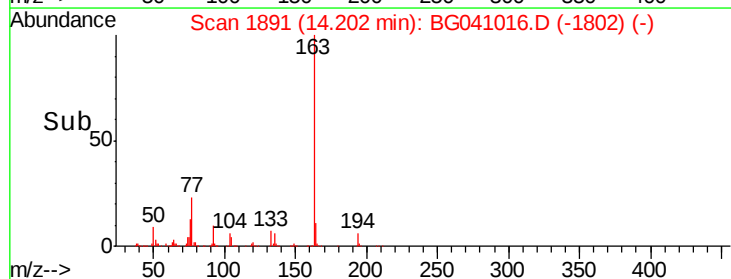
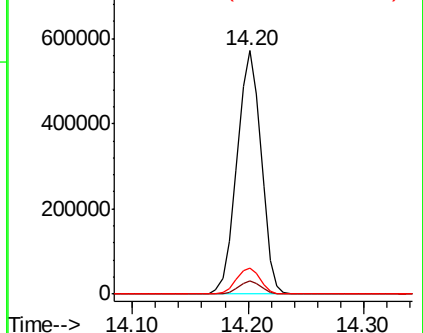
164 10.8 8.7 13.1

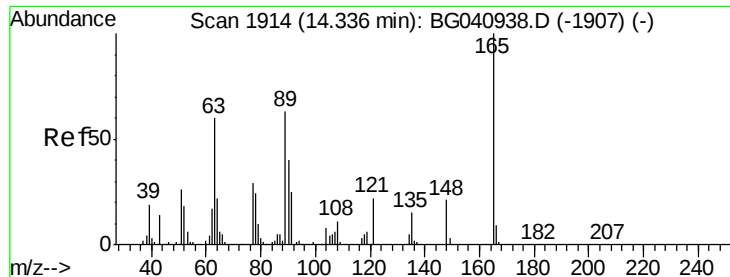


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

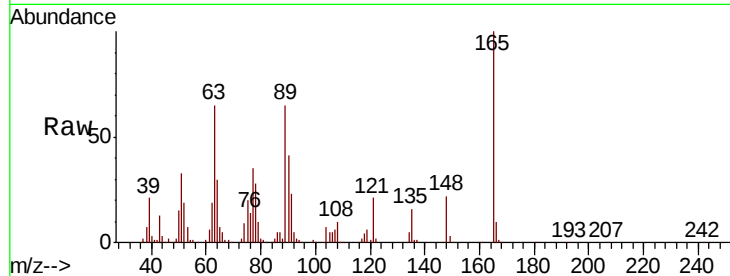




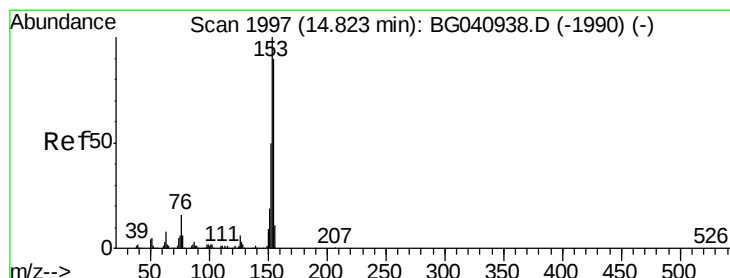
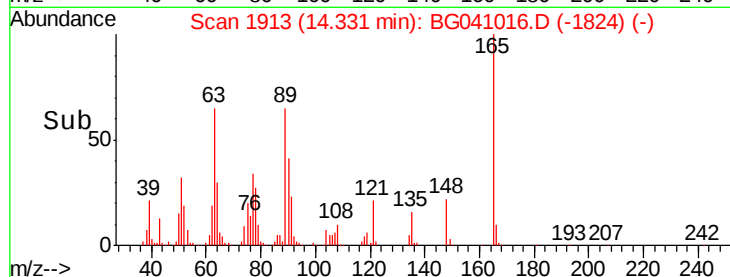
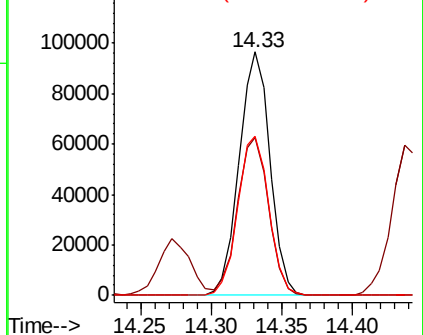
#51
 2,6-Dinitrotoluene
 Concen: 44.367 ng
 RT: 14.33 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 147482
 Ion Ratio Lower Upper
 165 100
 63 64.9 53.6 80.4
 89 65.5 50.4 75.6

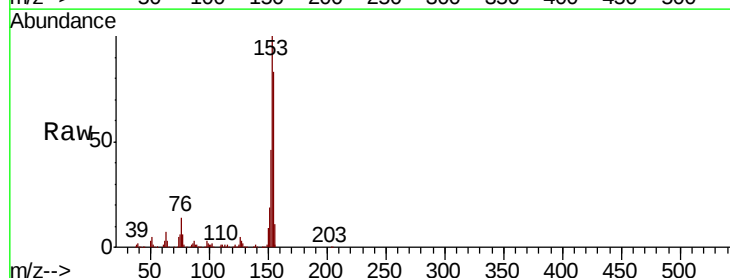


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

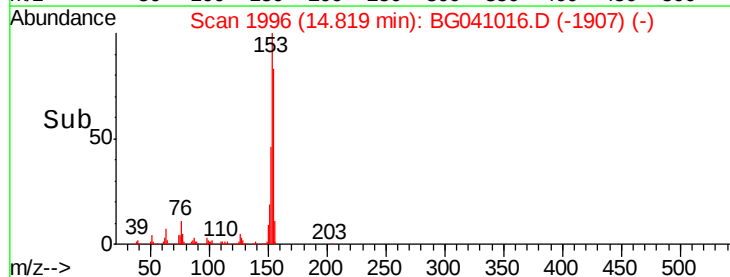
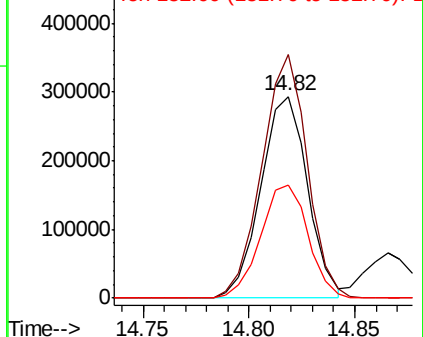


#52
 Acenaphthene
 Concen: 42.951 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion:154 Resp: 453237
 Ion Ratio Lower Upper
 154 100
 153 120.8 88.6 133.0
 152 56.1 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.586 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

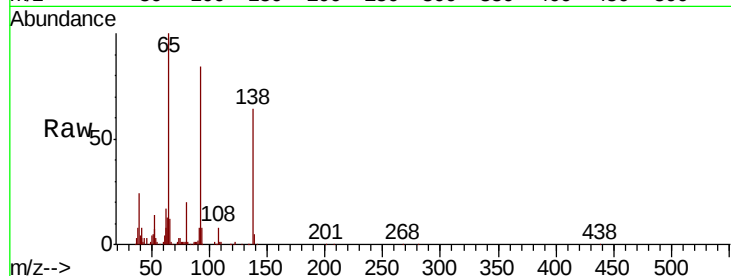
Tot Ion:138 Resp: 65105

Ion Ratio Lower Upper

138 100

108 12.7 8.5 12.7

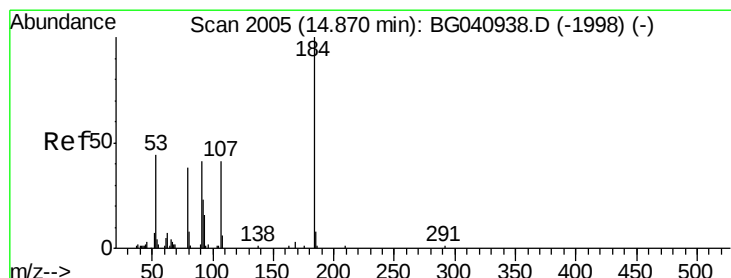
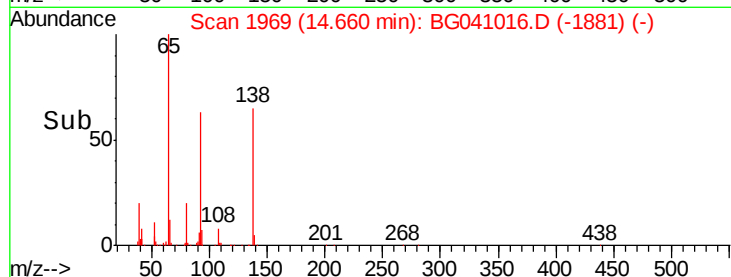
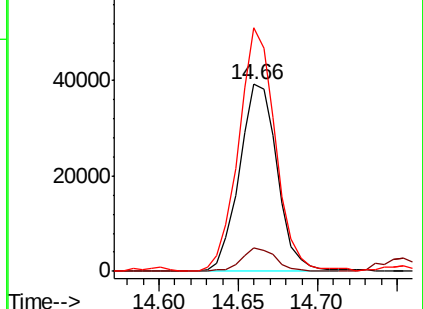
92 130.2 99.0 148.6



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: 87.383 ng

RT: 14.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

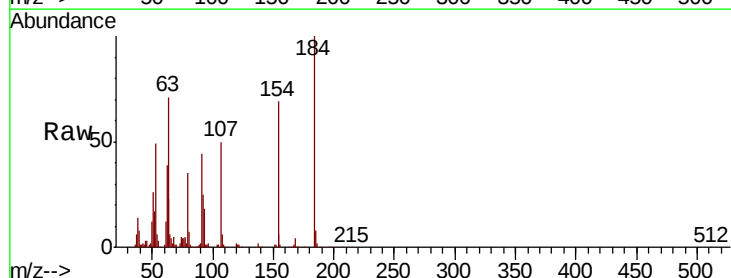
Tgt Ion:184 Resp: 157448

Ion Ratio Lower Upper

184 100

63 70.9 49.8 74.6

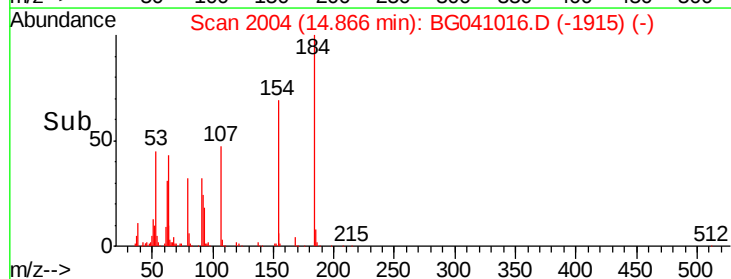
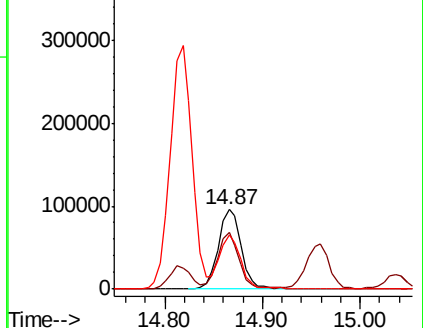
154 69.1 52.2 78.4



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

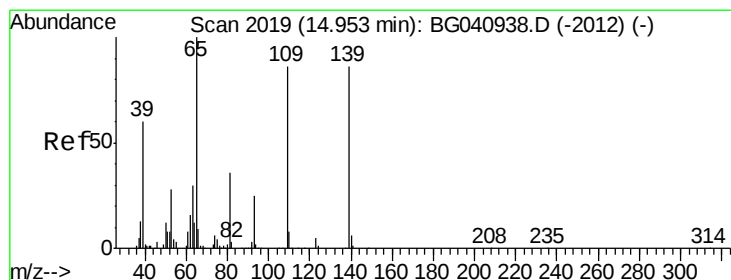
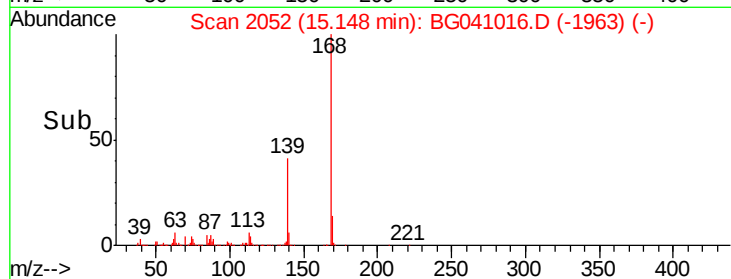
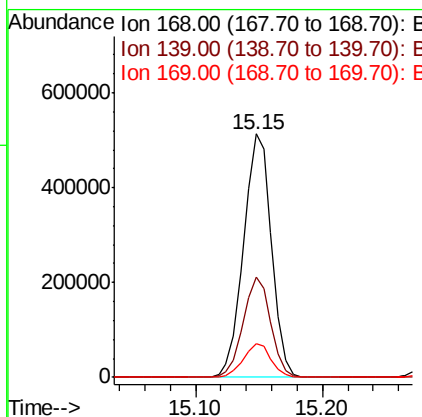
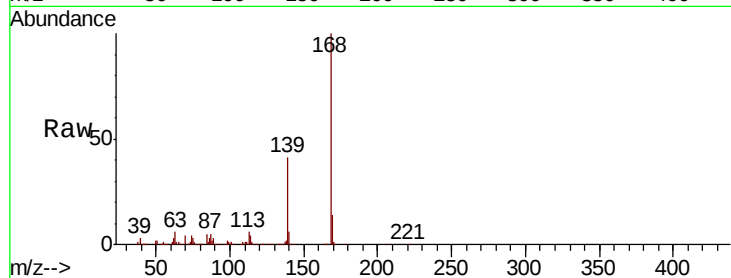




#55
Dibenzofuran
Concen: 44.071 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

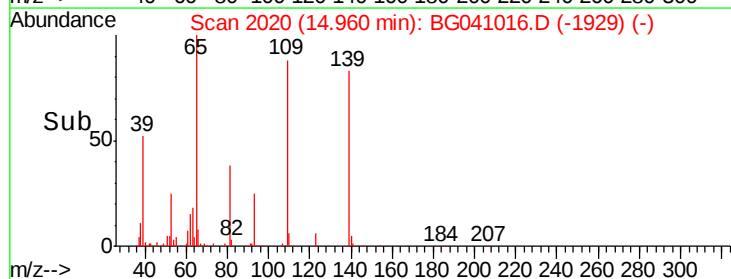
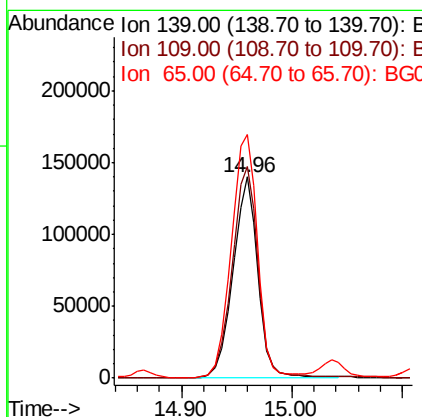
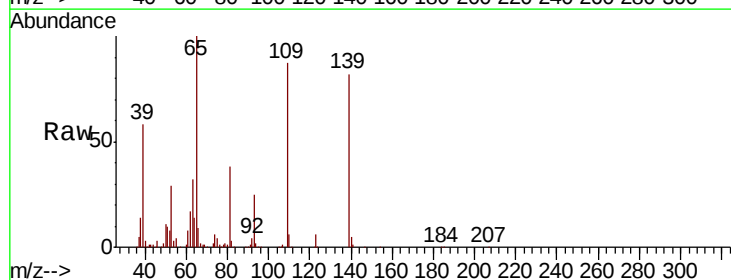
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.8	49.2
169	14.0	11.3	16.9



#56
4-Nitrophenol
Concen: 97.191 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.2	79.6	119.6
65	121.2	96.9	136.9

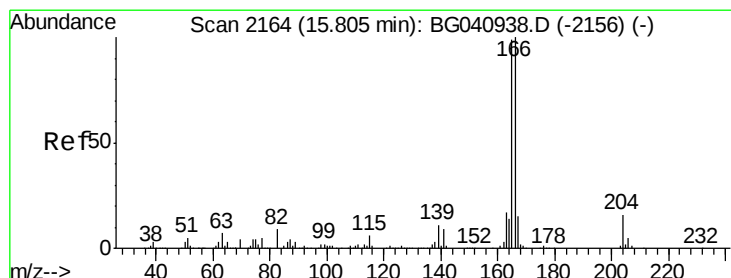
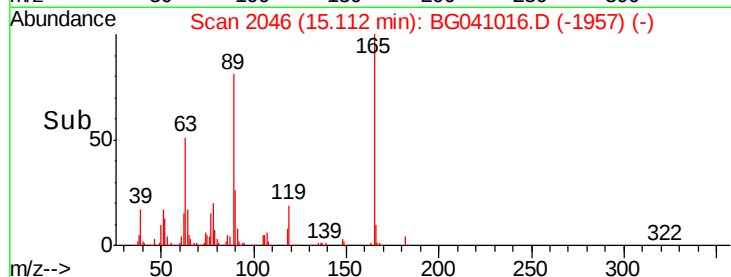
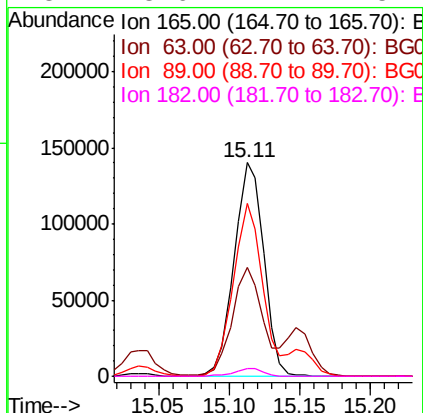
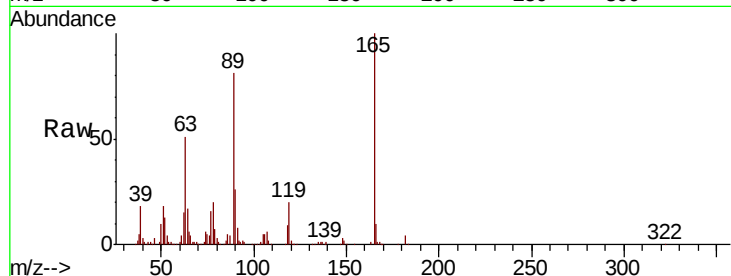




#57
 2,4-Dinitrotoluene
 Concen: 43.733 ng
 RT: 15.11 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

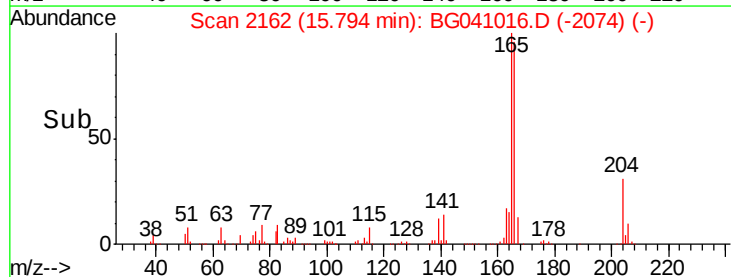
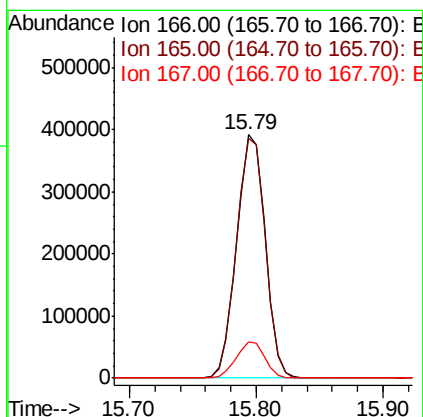
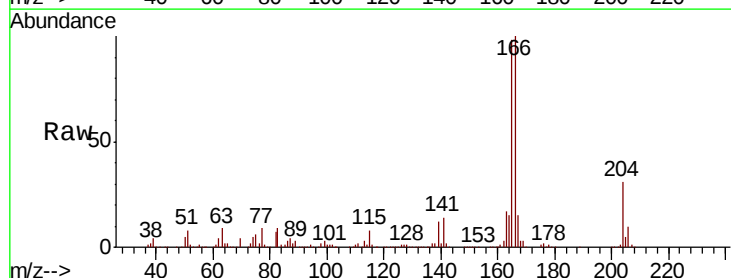
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 205353
 Ion Ratio Lower Upper
 165 100
 63 51.1 37.3 55.9
 89 81.2 61.0 91.6
 182 3.6 2.2 3.2#



#58
 Fluorene
 Concen: 43.215 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion:166 Resp: 611092
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.2 118.8
 167 14.9 11.8 17.6

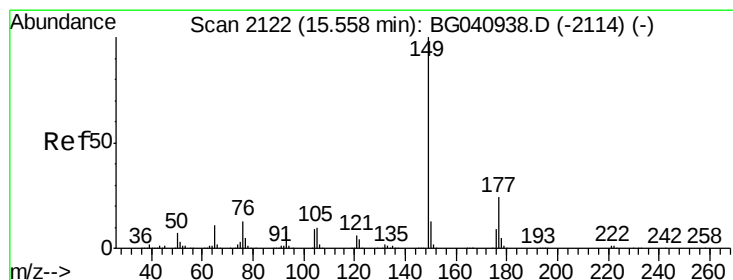
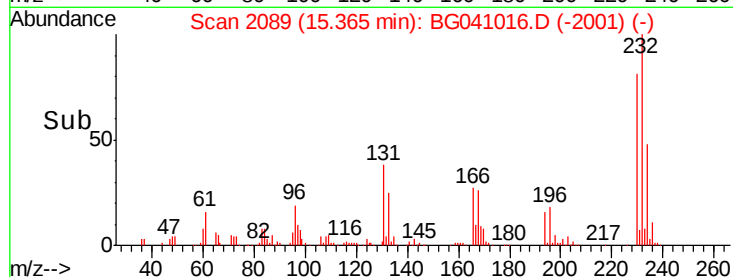
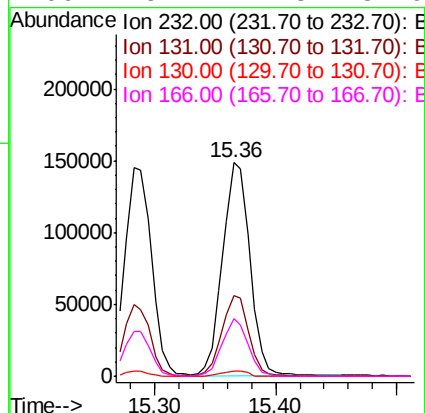
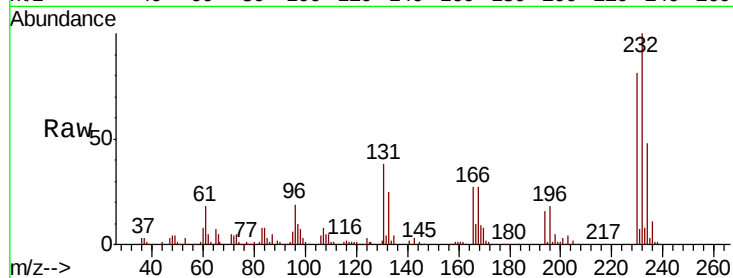




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.124 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

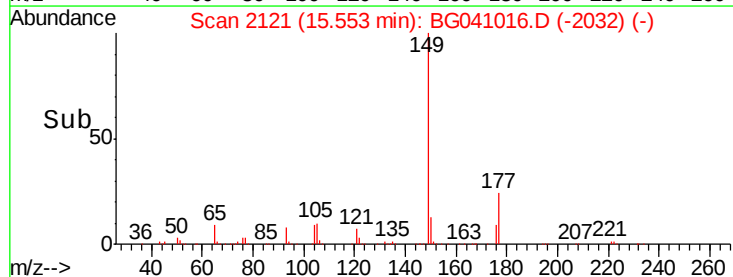
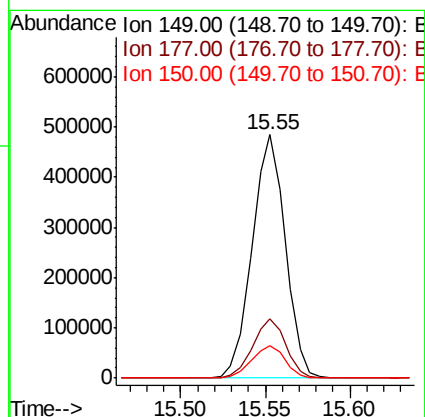
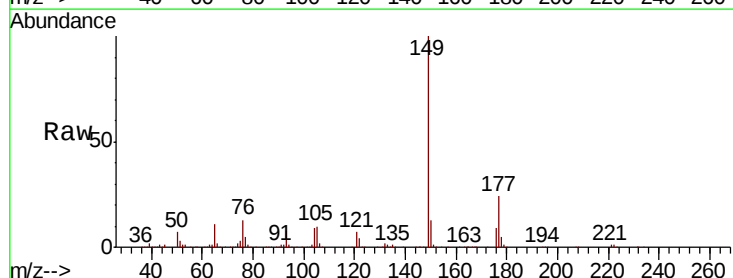
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	231940	
Ion Ratio	Lower	Upper	
232	100		
131	36.7	30.3	45.5
130	2.3	1.8	2.8
166	25.4	21.3	31.9



#60
 Diethylphthalate
 Concen: 42.010 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion:149	Resp: 660983
Ion Ratio	Lower Upper
149 100	
177 24.2	19.4 29.0
150 13.4	10.3 15.5

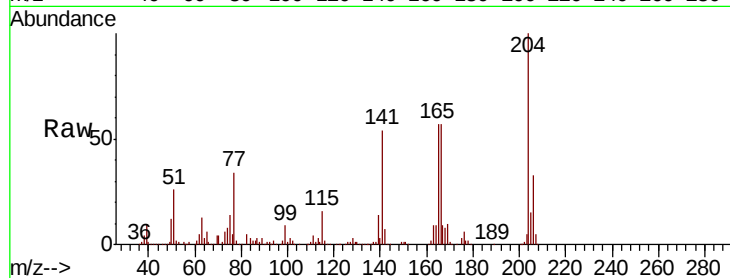




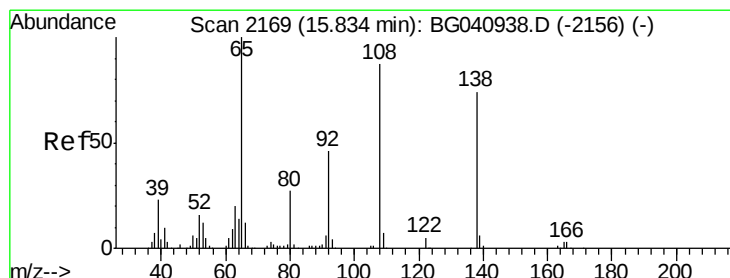
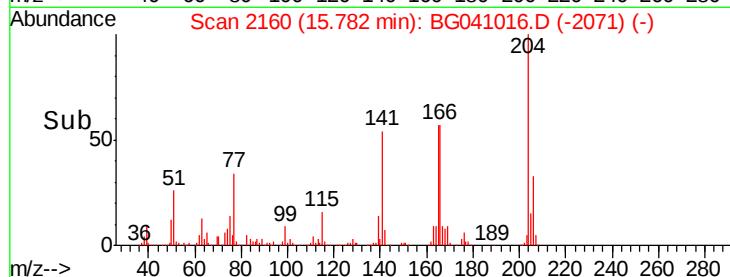
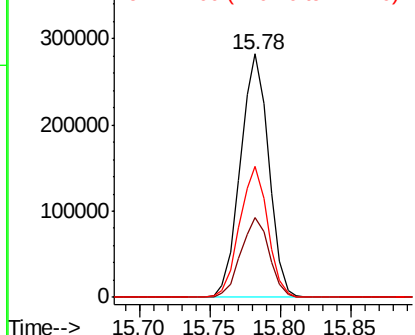
#61
 4-Chlorophenyl-phenylether
 Concen: 42.937 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 394642
 Ion Ratio Lower Upper
 204 100
 206 32.8 27.6 41.4
 141 53.9 45.1 67.7

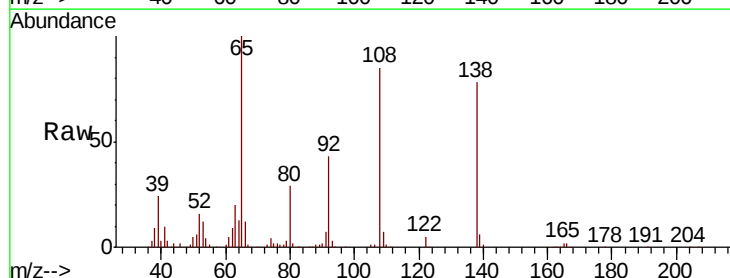


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

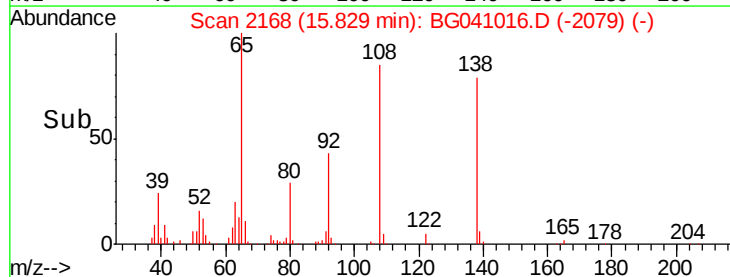
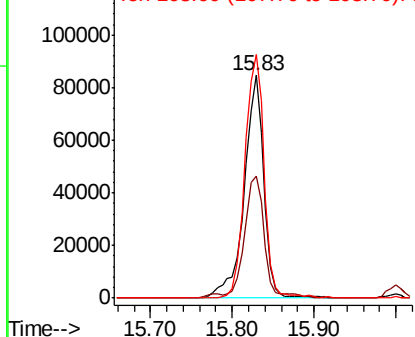


#62
 4-Nitroaniline
 Concen: 40.073 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion:138 Resp: 141019
 Ion Ratio Lower Upper
 138 100
 92 55.0 42.4 82.4
 108 109.3 96.9 136.9



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





#63

Azobenzene

Concen: 43.273 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 618812

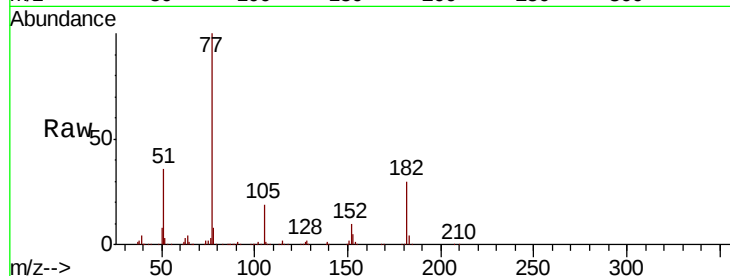
Ion Ratio Lower Upper

77 100

182 30.3 9.6 49.6

105 18.8 0.0 37.5

51 35.9 13.7 53.7

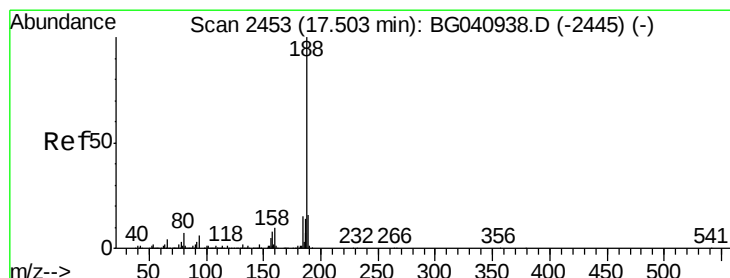
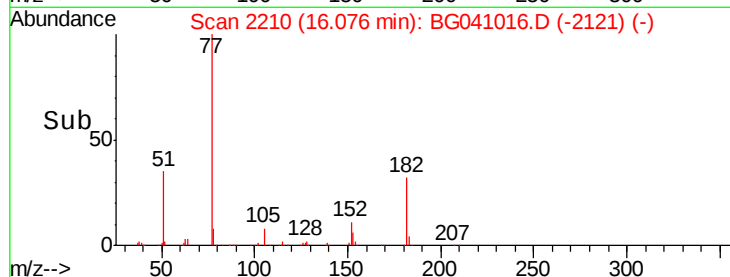
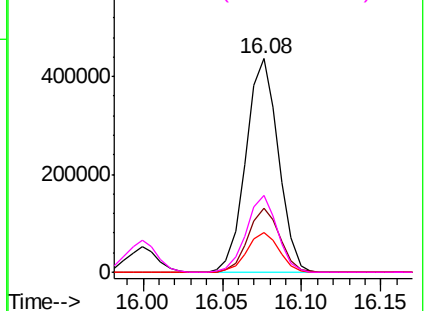


Abundance Ion 77.00 (76.70 to 77.70): BG041016.D (-2211) (-)

Ion 182.00 (181.70 to 182.70): BG041016.D (-2211) (-)

Ion 105.00 (104.70 to 105.70): BG041016.D (-2211) (-)

Ion 51.00 (50.70 to 51.70): BG041016.D (-2211) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

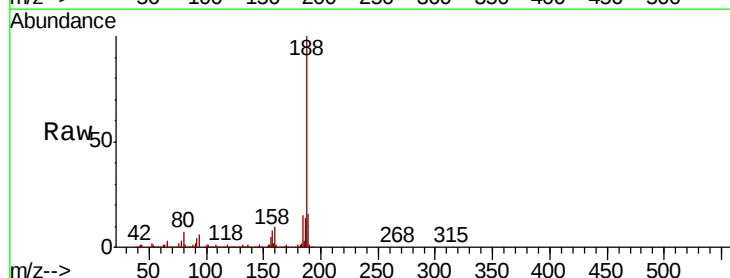
Tgt Ion: 188 Resp: 438904

Ion Ratio Lower Upper

188 100

94 5.5 4.7 7.1

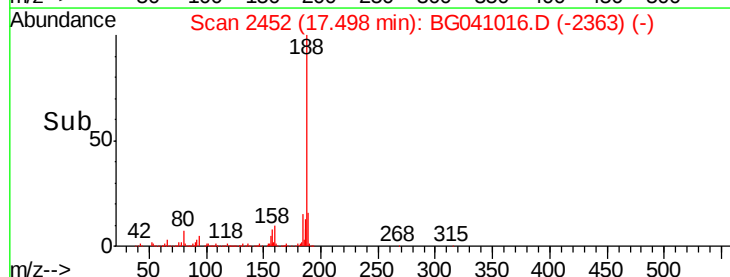
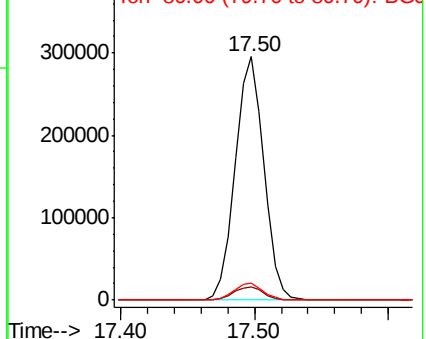
80 6.8 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BG041016.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BG041016.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BG041016.D (-2363) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 48.413 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

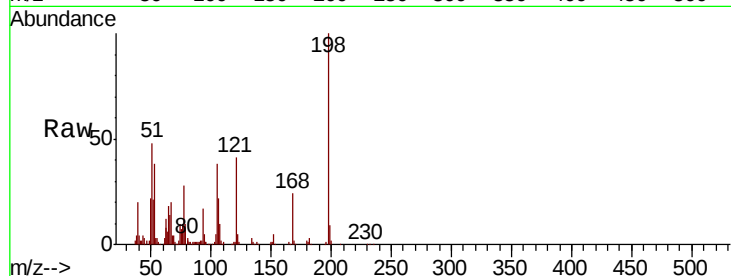
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 114074

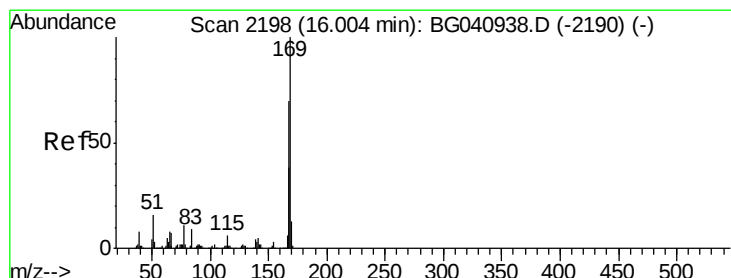
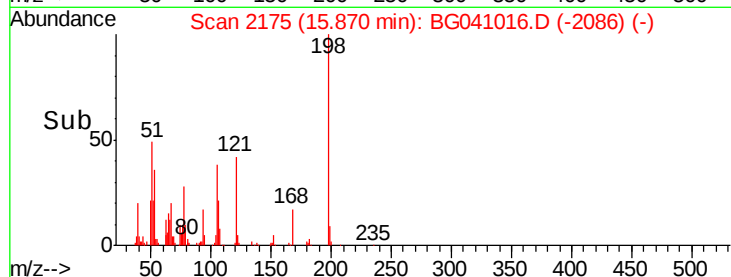
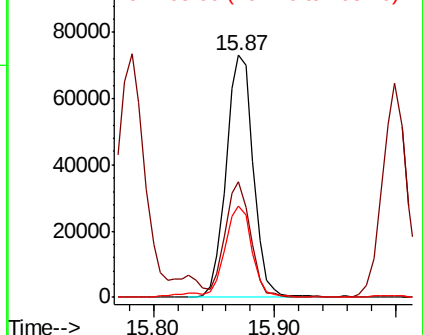
Ion	Ratio	Lower	Upper
198	100		
51	48.0	21.6	61.6
105	37.8	17.5	57.5



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: 45.495 ng

RT: 16.00 min Scan# 2197

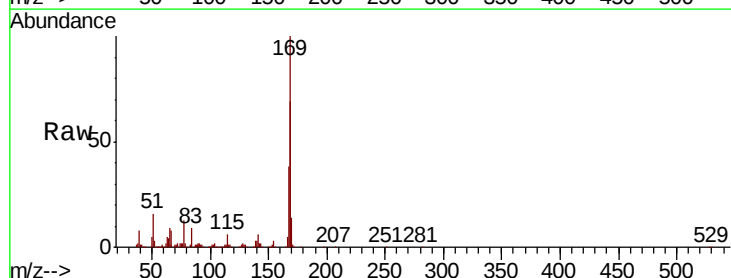
Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:169 Resp: 561325

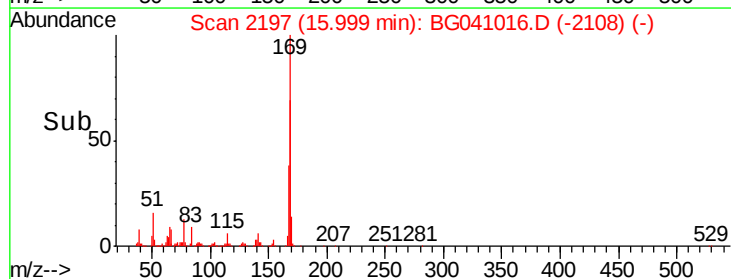
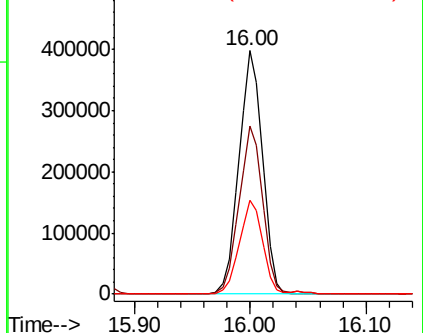
Ion	Ratio	Lower	Upper
169	100		
168	68.8	55.7	83.5
167	38.4	30.2	45.2

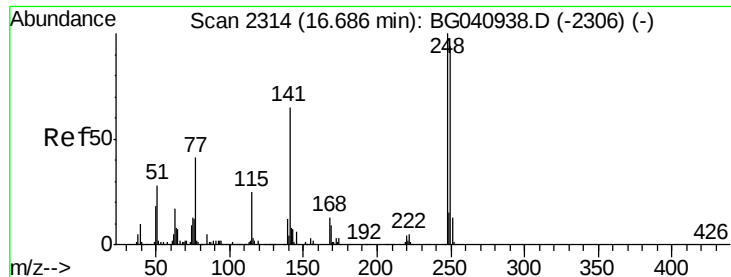


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.859 ng

RT: 16.68 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

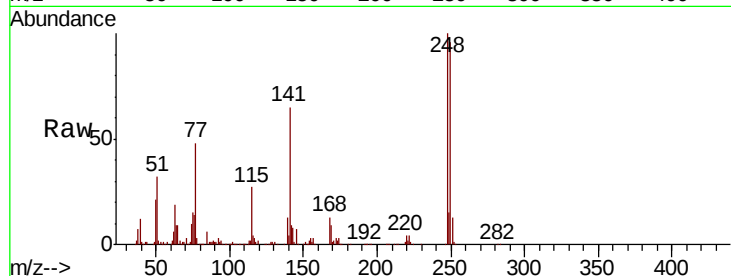
Tot Ion:248 Resp: 253864

Ion Ratio Lower Upper

248 100

250 96.4 75.0 112.4

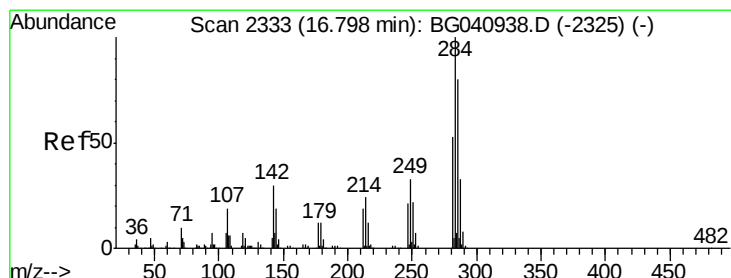
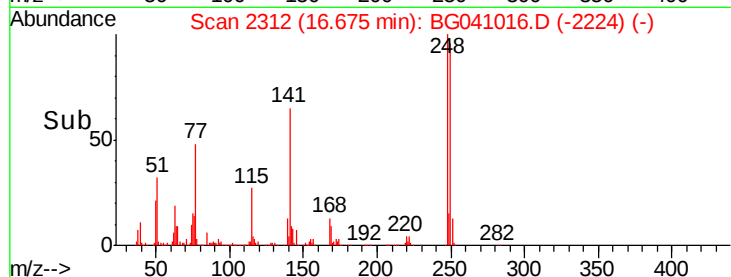
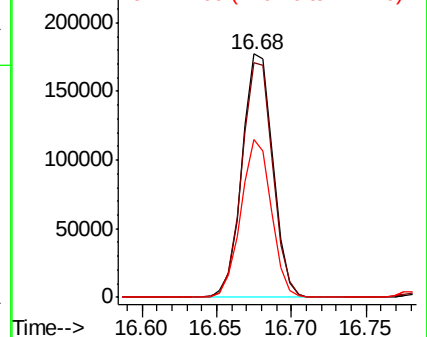
141 64.6 52.4 78.6



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: 41.133 ng

RT: 16.79 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

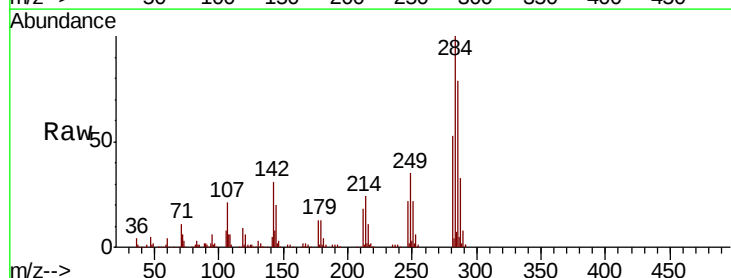
Tgt Ion:284 Resp: 259438

Ion Ratio Lower Upper

284 100

142 31.1 23.9 35.9

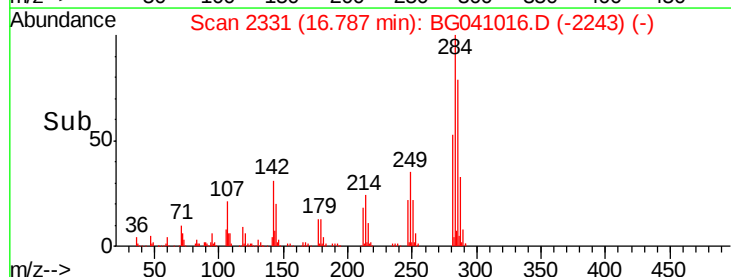
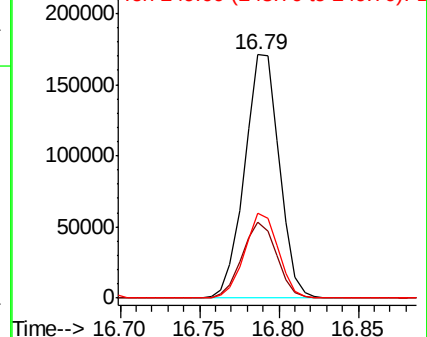
249 35.1 26.8 40.2

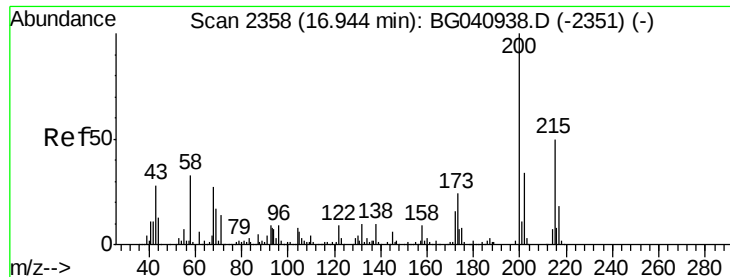


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.691 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

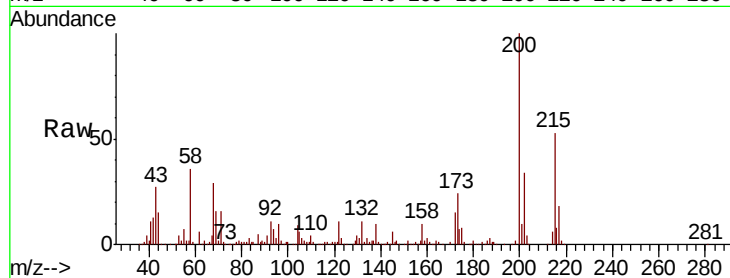
Tot Ion:200 Resp: 236567

Ion Ratio Lower Upper

200 100

173 24.2 3.6 43.6

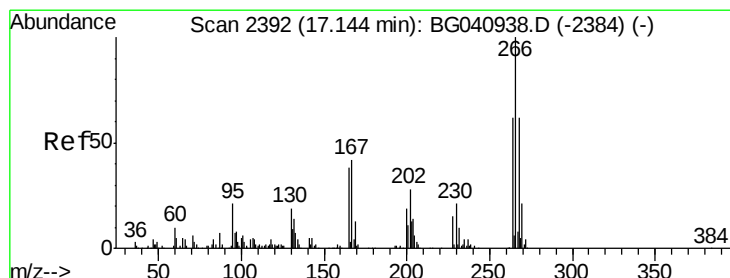
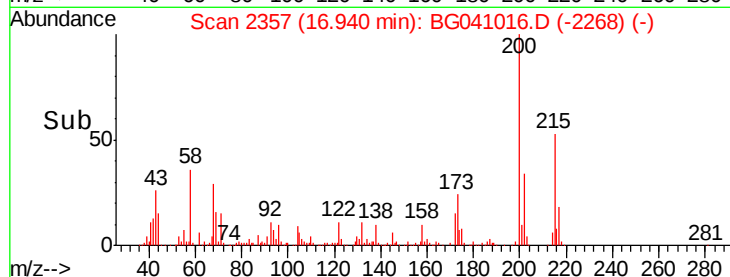
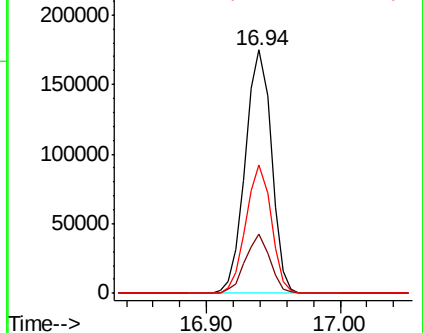
215 52.8 29.6 69.6



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: 94.122 ng

RT: 17.13 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

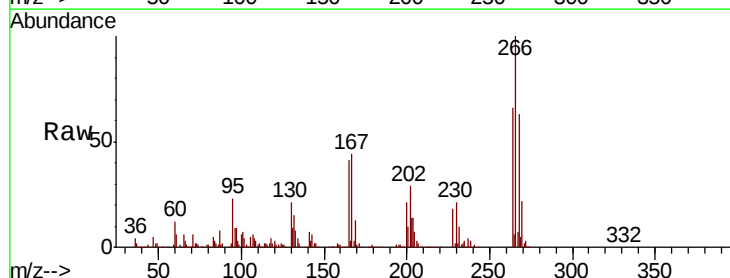
Tgt Ion:266 Resp: 320701

Ion Ratio Lower Upper

266 100

268 63.3 53.1 79.7

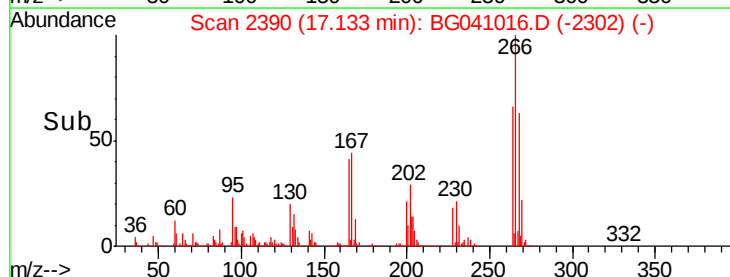
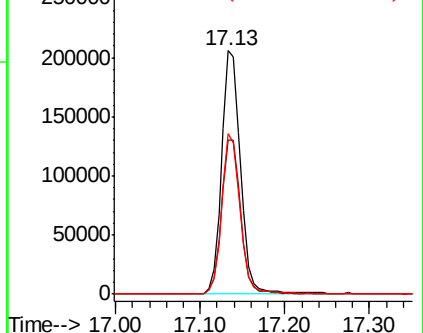
264 65.9 49.9 74.9

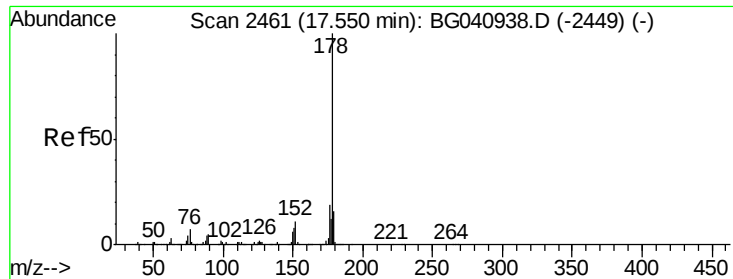


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

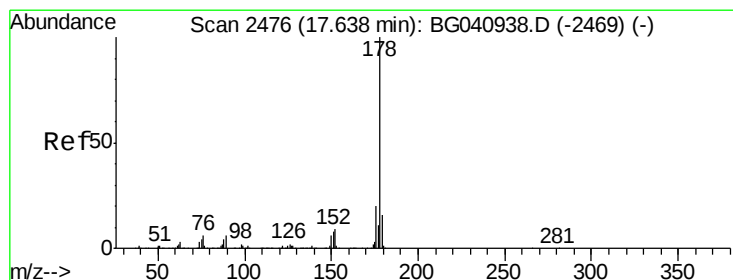
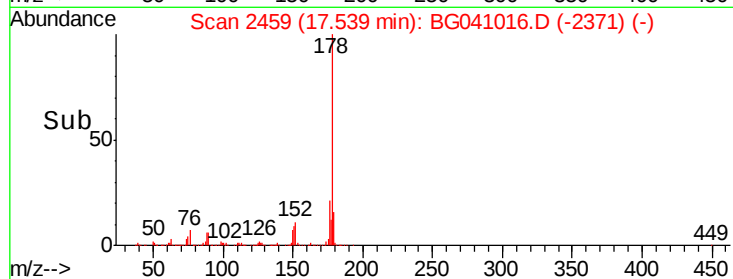
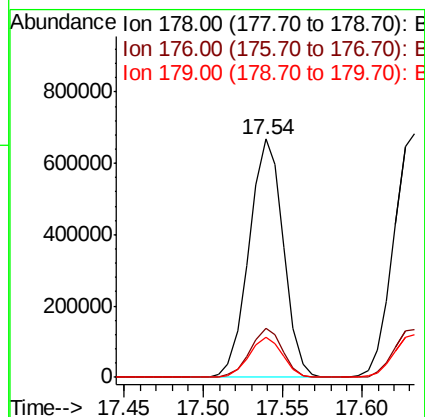
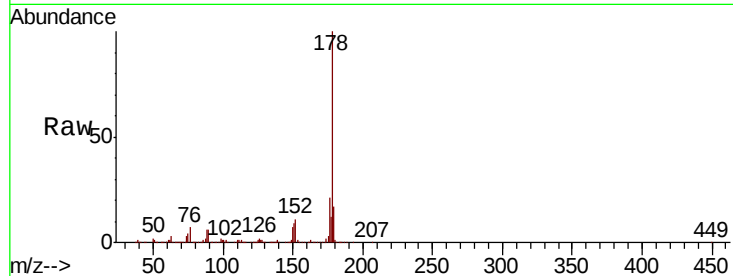




#71
Phenanthrene
Concen: 43.878 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

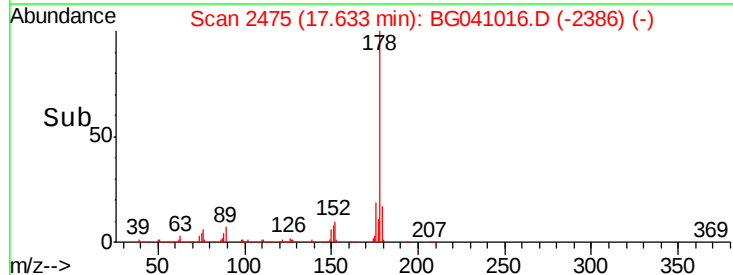
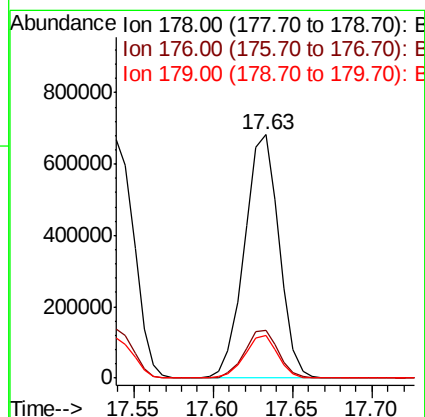
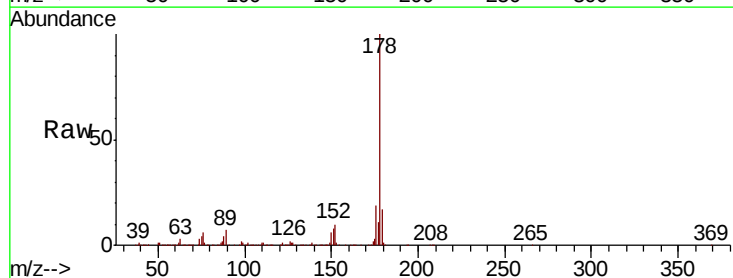
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1003136
Ion Ratio Lower Upper
178 100
176 20.7 15.5 23.3
179 16.6 12.7 19.1



#72
Anthracene
Concen: 45.630 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion:178 Resp: 1028867
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 17.5 13.0 19.4

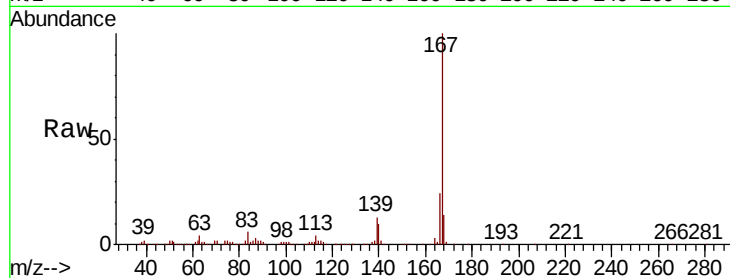




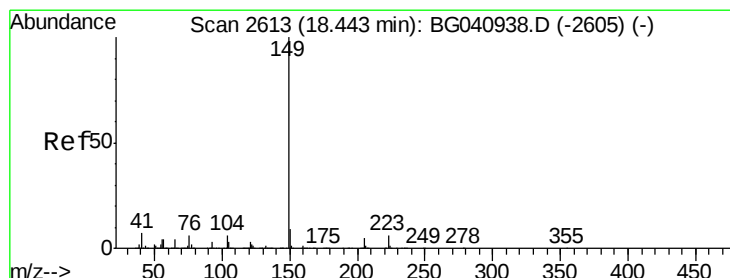
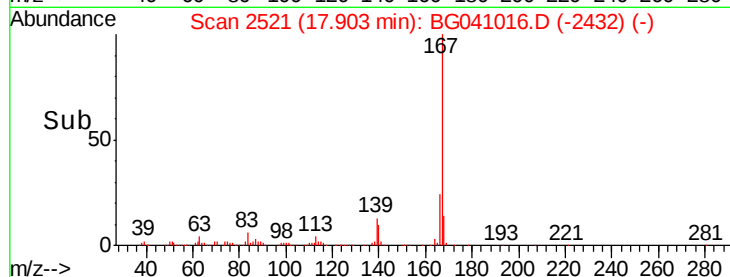
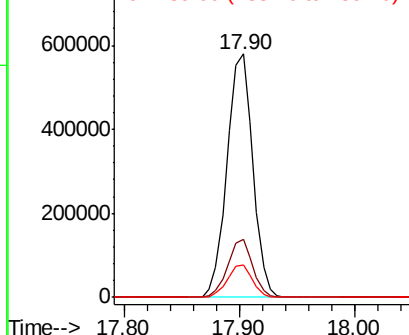
#73
 Carbazole
 Concen: 46.383 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 897371
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 13.4 10.8 16.2

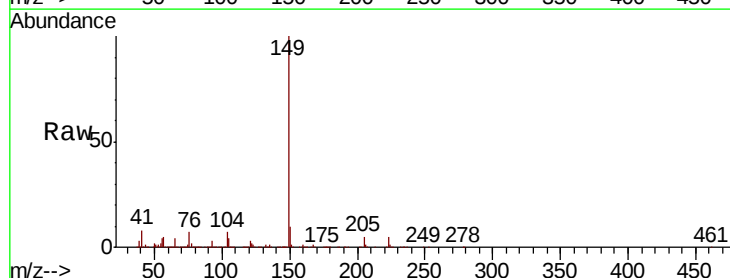


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

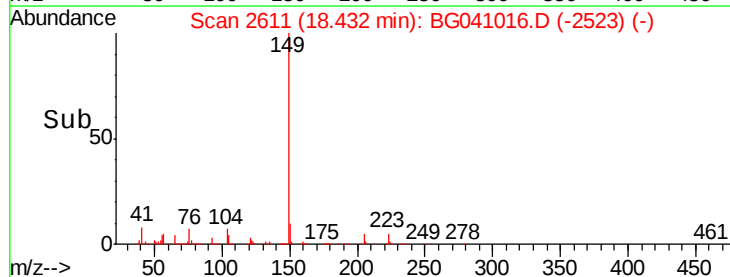
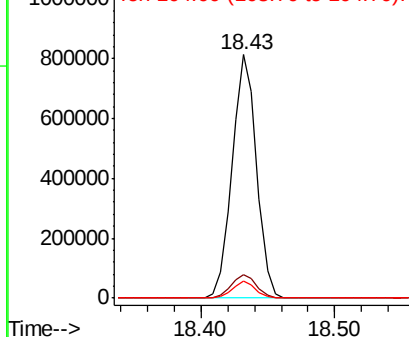


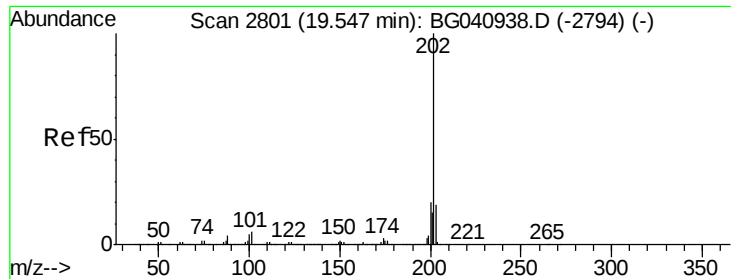
#74
 Di-n-butylphthalate
 Concen: 43.010 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion:149 Resp: 1034230
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 6.8 5.0 7.4



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: 45.459 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

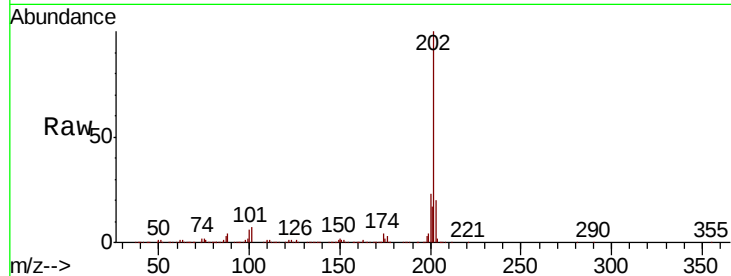
Tot Ion:202 Resp: 1283677

Ion Ratio Lower Upper

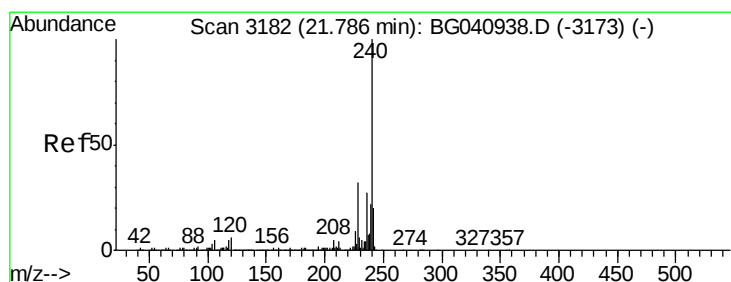
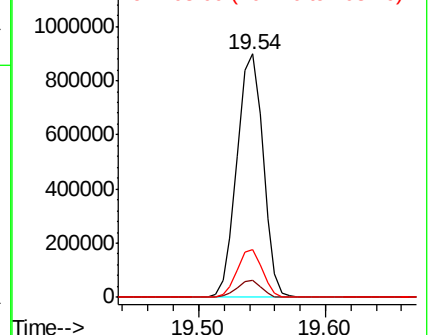
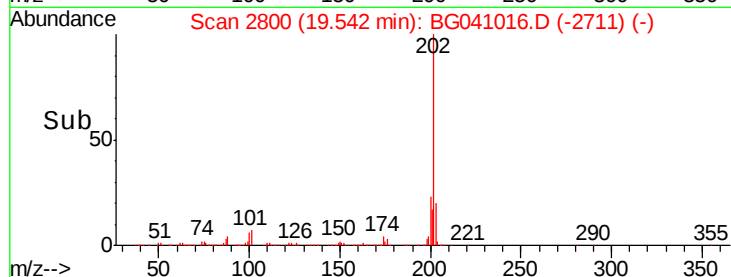
202 100

101 6.8 0.0 26.2

203 19.6 0.0 38.7



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: 21.78 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

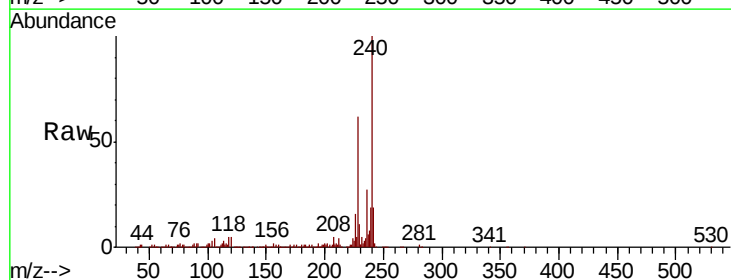
Tgt Ion:240 Resp: 434027

Ion Ratio Lower Upper

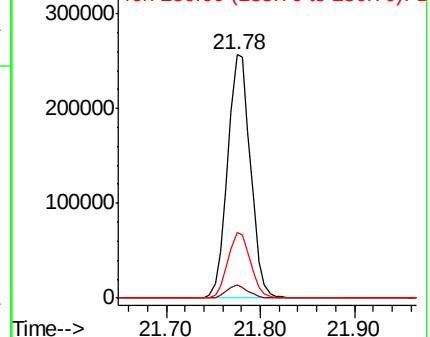
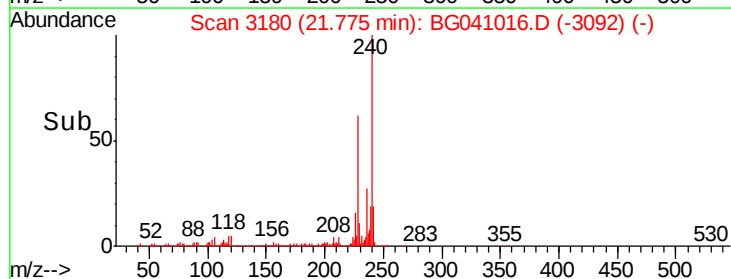
240 100

120 5.4 4.5 6.7

236 27.2 21.3 31.9



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: 26.228 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampled :

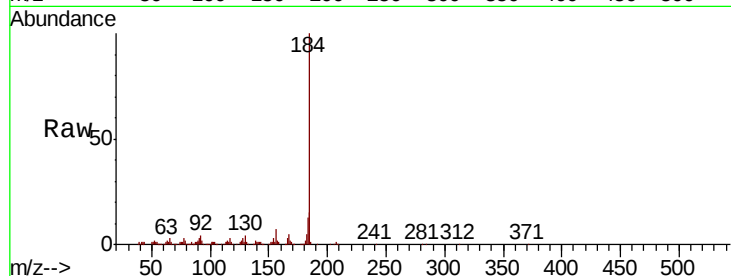
Tot Ion:184 Resp: 271562

Ion Ratio Lower Upper

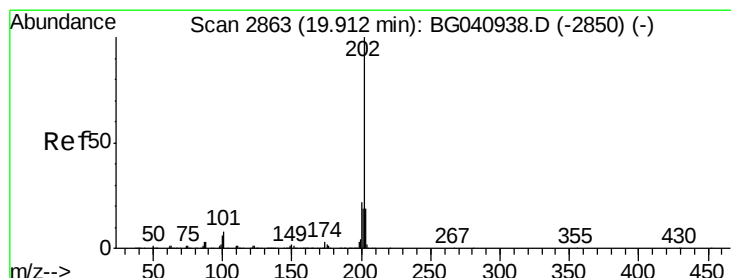
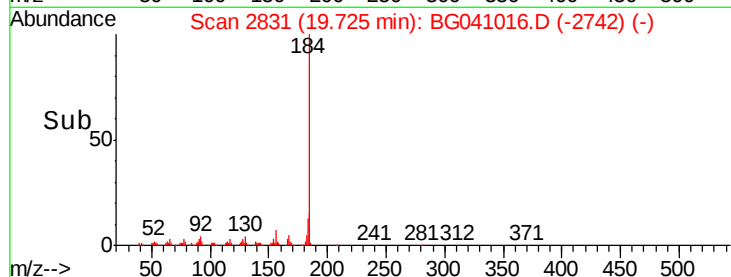
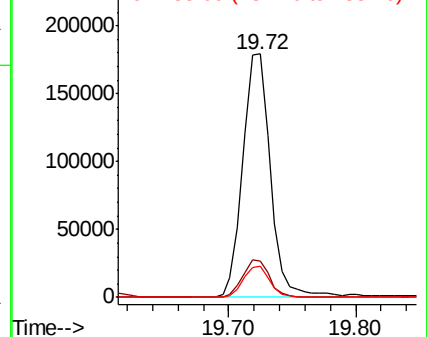
184 100

185 15.1 13.3 19.9

183 12.9 10.7 16.1



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: 45.243 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

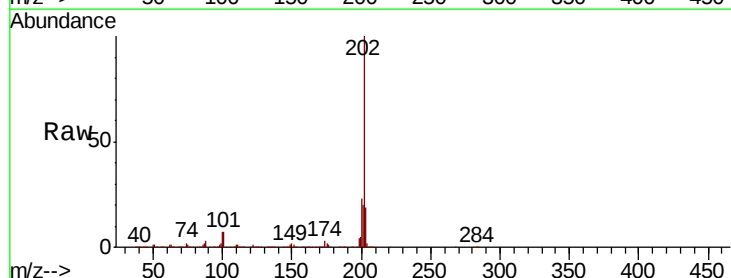
Tgt Ion:202 Resp: 1276529

Ion Ratio Lower Upper

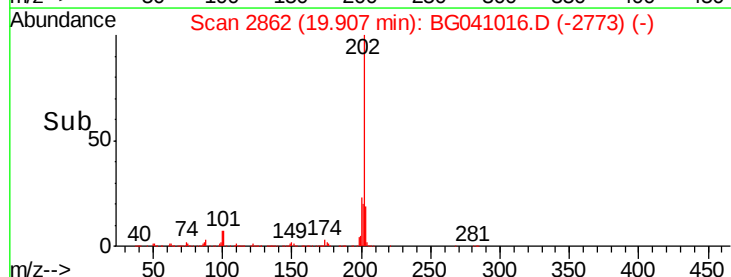
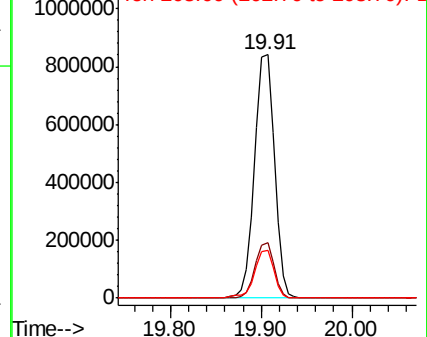
202 100

200 23.0 17.5 26.3

203 19.5 15.6 23.4



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: 87.552 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

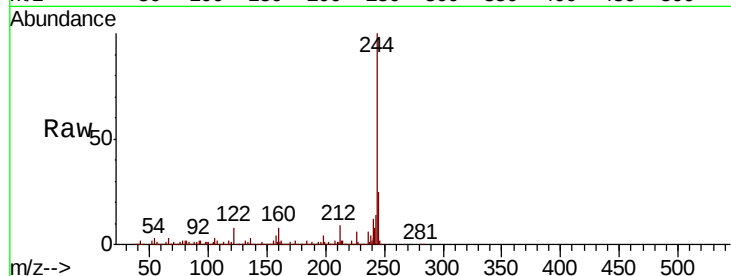
Tot Ion:244 Resp: 1790477

Ion Ratio Lower Upper

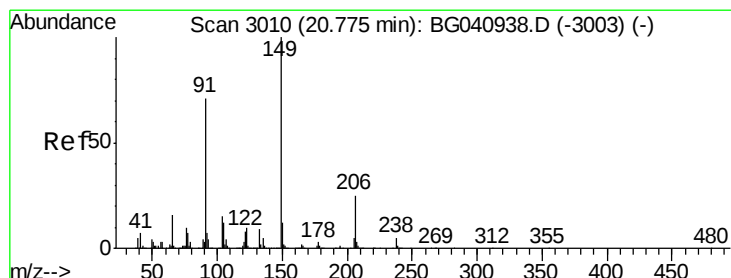
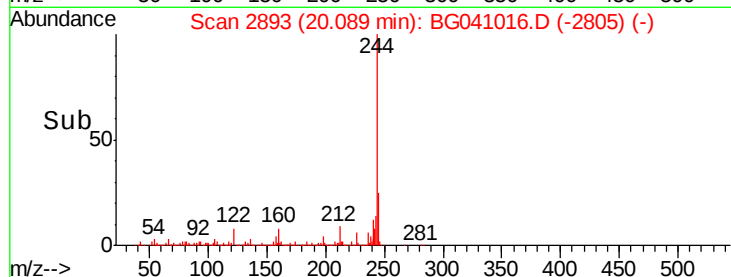
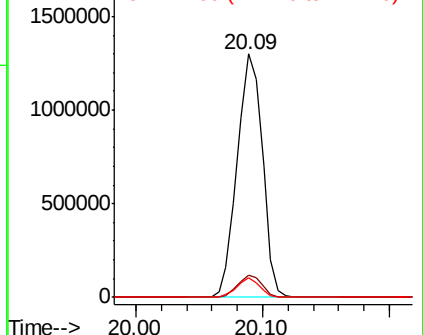
244 100

212 9.3 7.0 10.4

122 8.0 5.4 8.0



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: 44.922 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

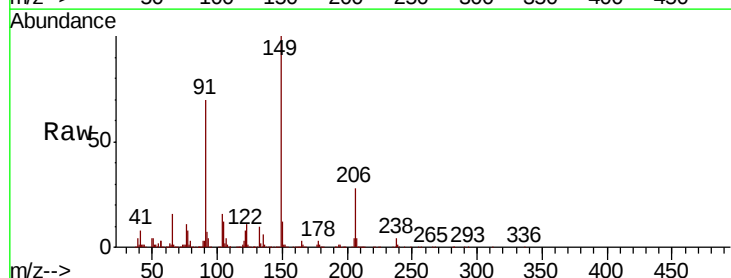
Tgt Ion:149 Resp: 493236

Ion Ratio Lower Upper

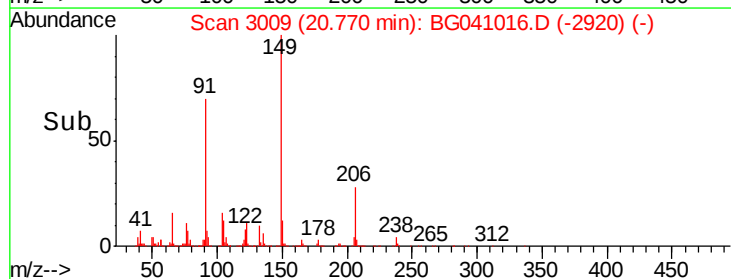
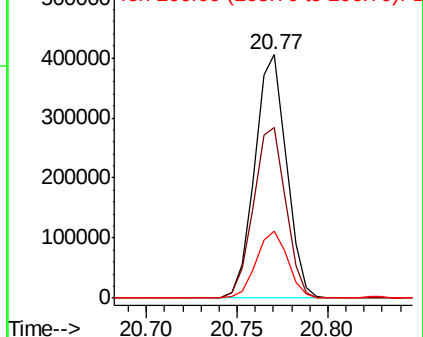
149 100

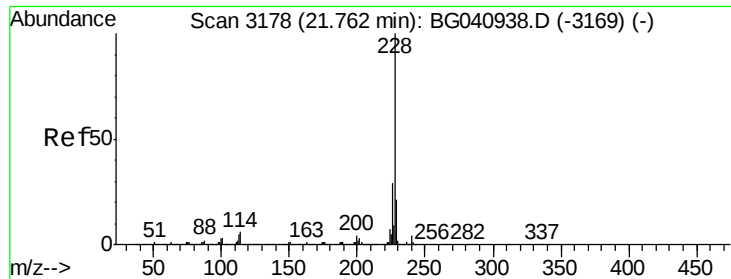
91 70.0 56.5 84.7

206 27.7 20.3 30.5



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: 43.408 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

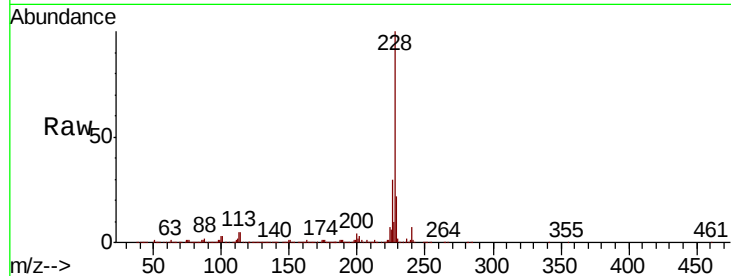
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1254130

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	21.9	16.7	25.1

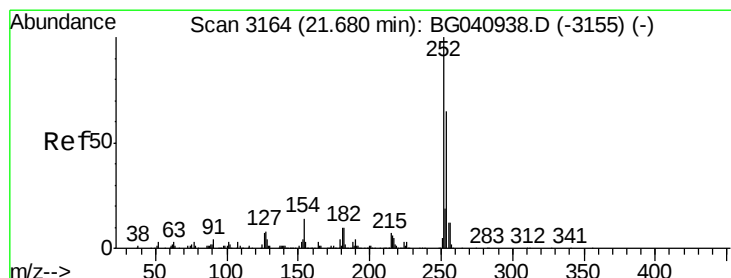
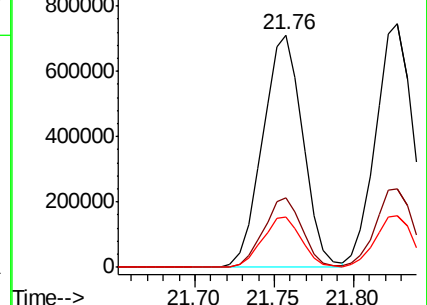
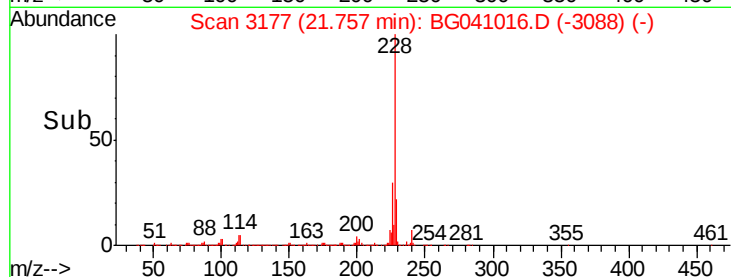


Abundance

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: 19.776 ng

RT: 21.67 min Scan# 3162

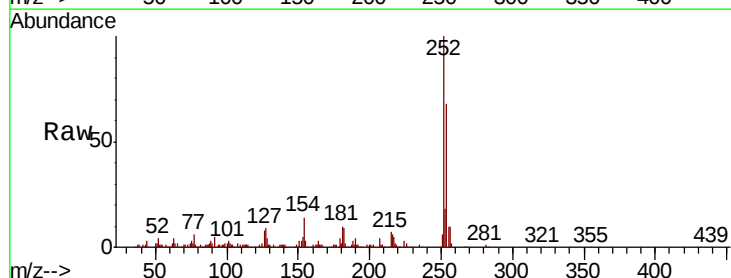
Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:252 Resp: 200960

Ion	Ratio	Lower	Upper
252	100		
254	67.7	52.1	78.1
126	7.9	5.5	8.3

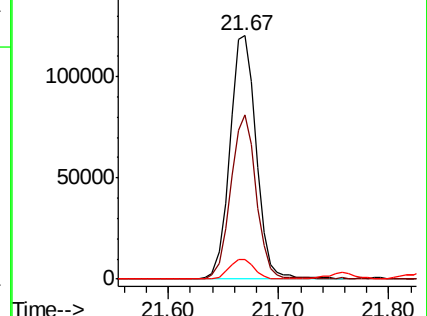
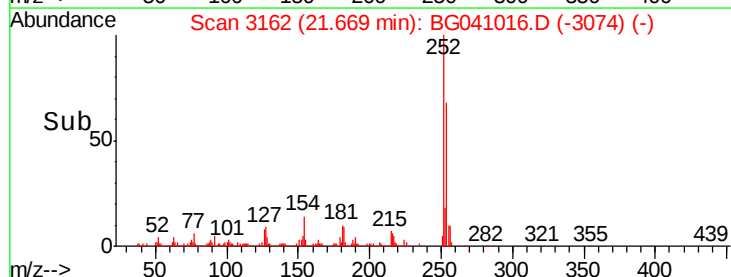


Abundance

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: 44.278 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampled :

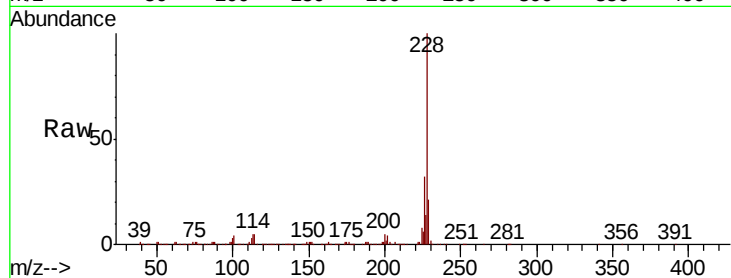
Tot Ion:228 Resp: 1224213

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.3	16.6	24.8

228 100

226 32.3 24.6 37.0

229 21.3 16.6 24.8

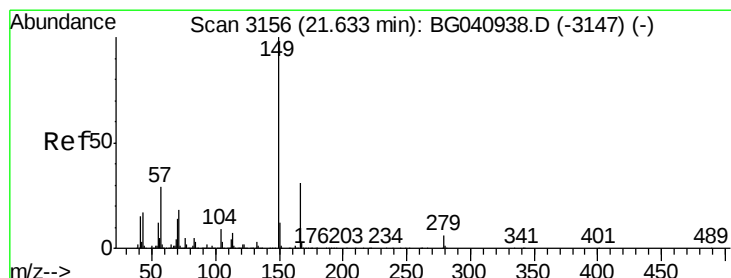
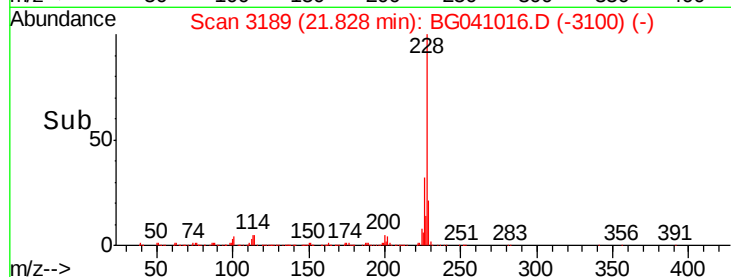
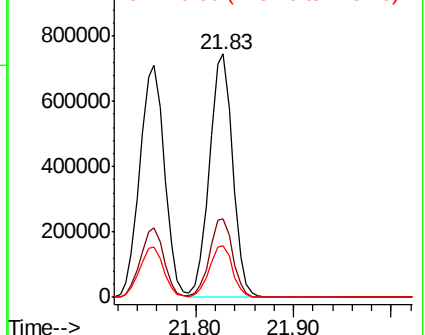


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.794 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

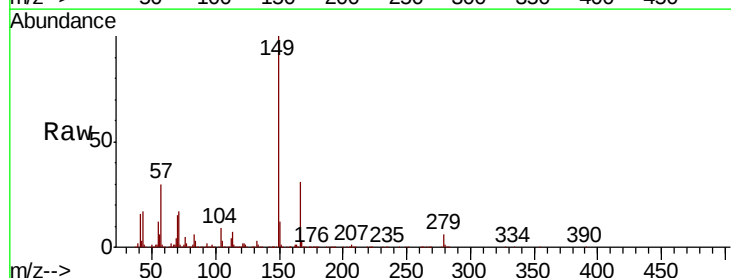
Tgt Ion:149 Resp: 676913

Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.6	37.0
279	6.3	5.0	7.6

149 100

167 31.1 24.6 37.0

279 6.3 5.0 7.6

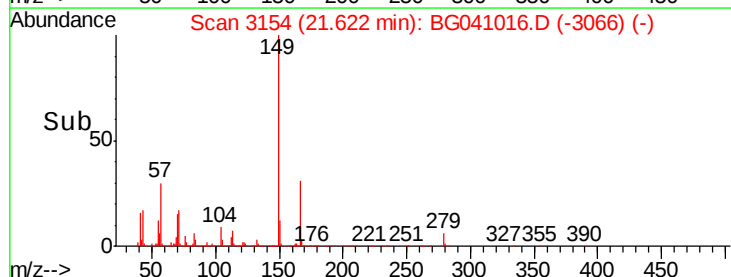
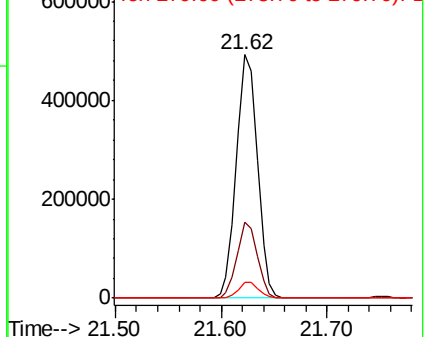


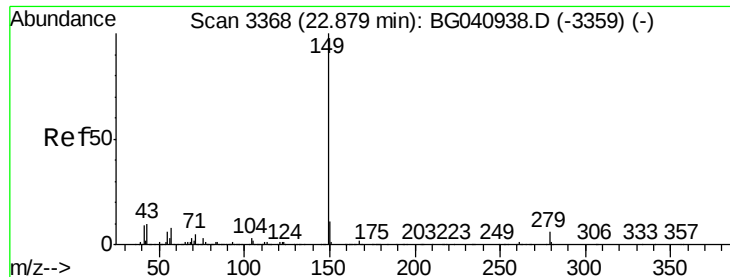
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.049 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

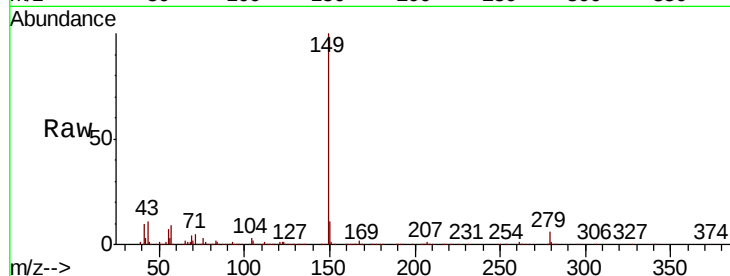
Tot Ion:149 Resp: 1133908

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 10.6 8.1 12.1



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

22.87

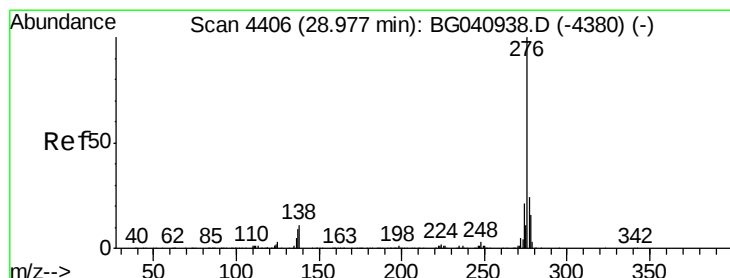
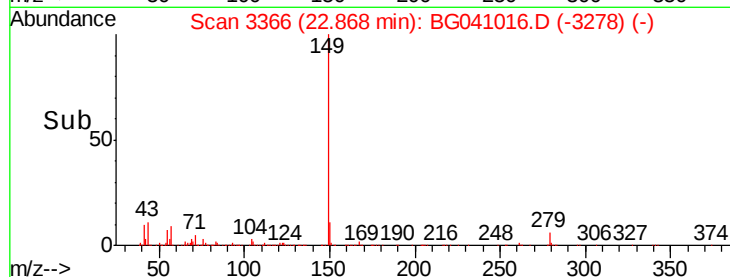
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.648 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.02 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

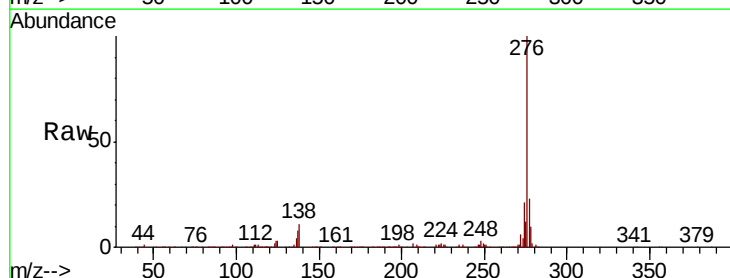
Tgt Ion:276 Resp: 1512159

Ion Ratio Lower Upper

276 100

138 13.5 5.7 8.5#

277 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.95

300000

250000

200000

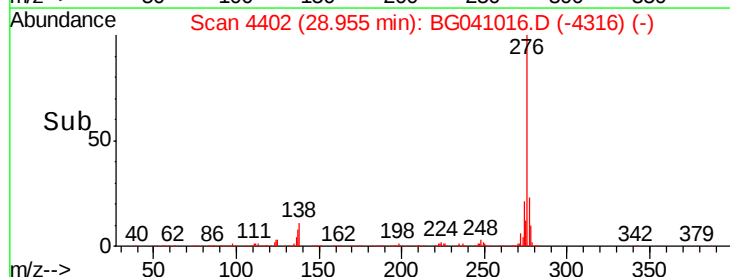
150000

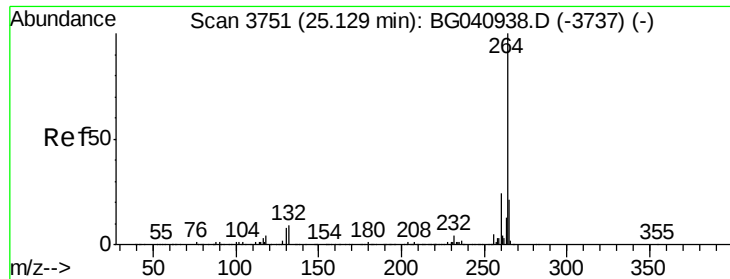
100000

50000

0

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

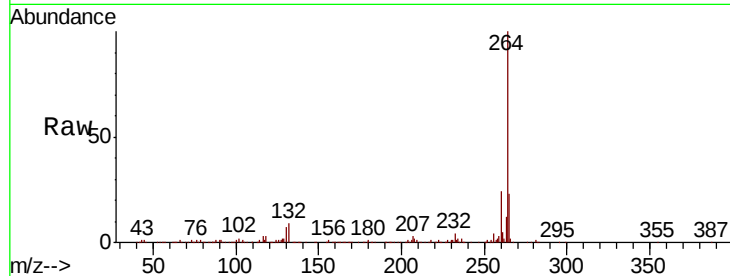
Tot Ion:264 Resp: 468464

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

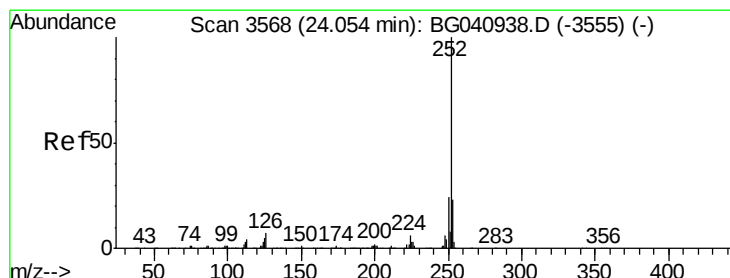
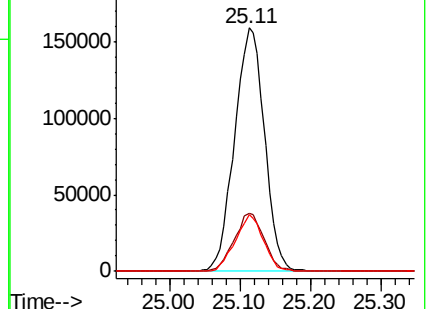
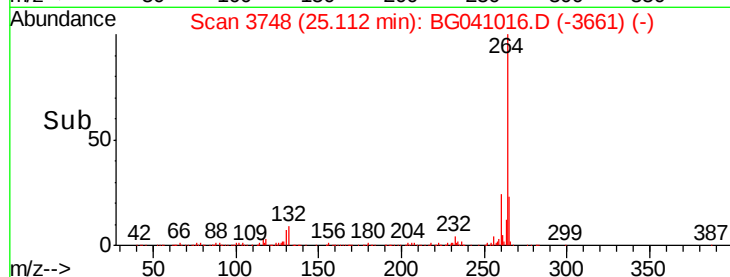
265 23.4 17.0 25.4



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: 45.963 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

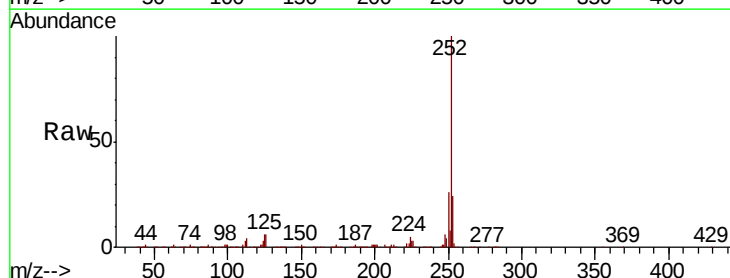
Tgt Ion:252 Resp: 1306001

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

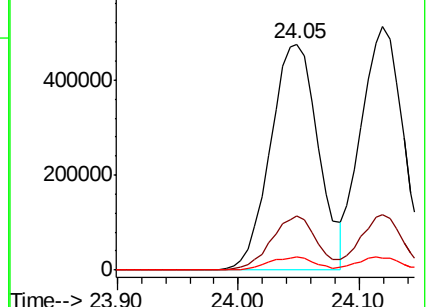
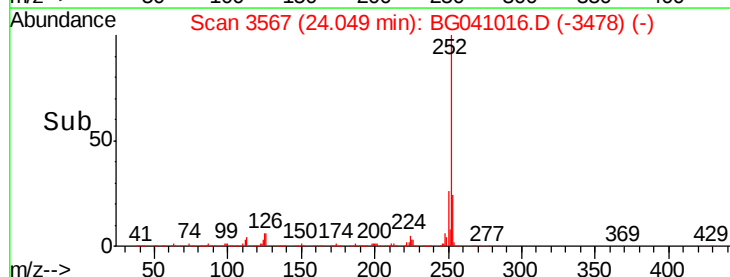
125 6.0 4.3 6.5

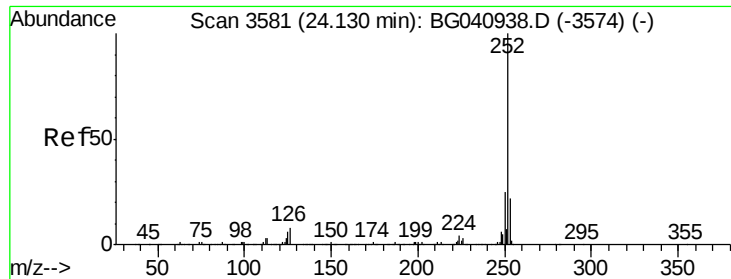


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

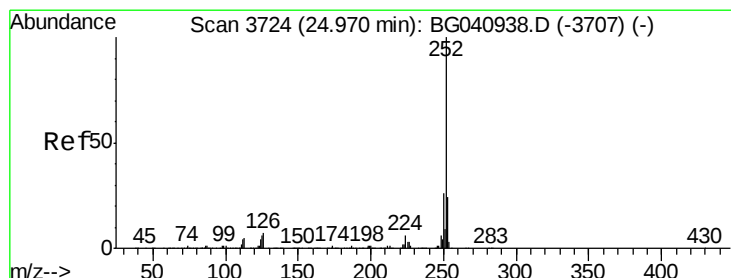
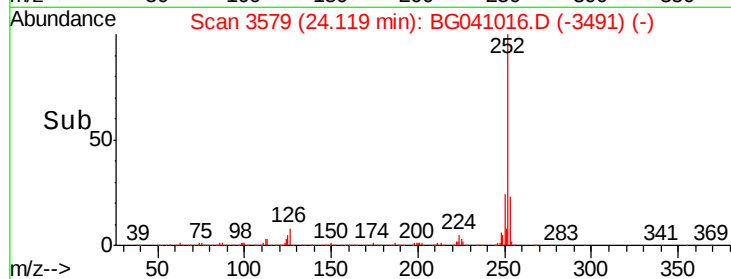
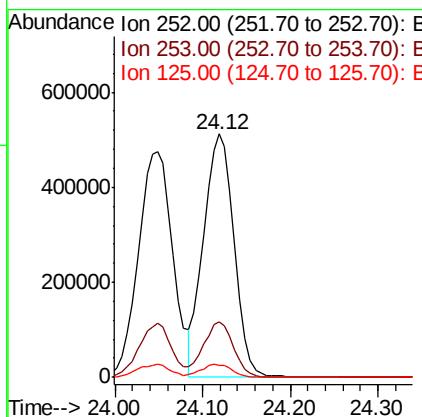
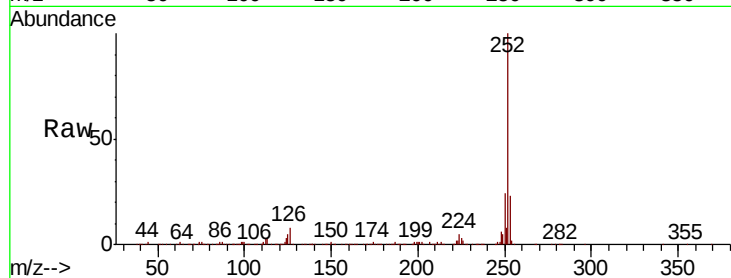




#89
Benzo(k)fluoranthene
Concen: 44.041 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

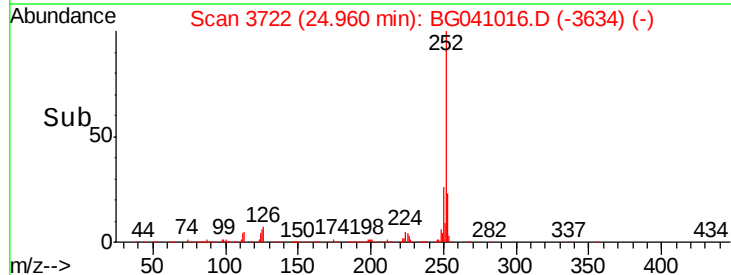
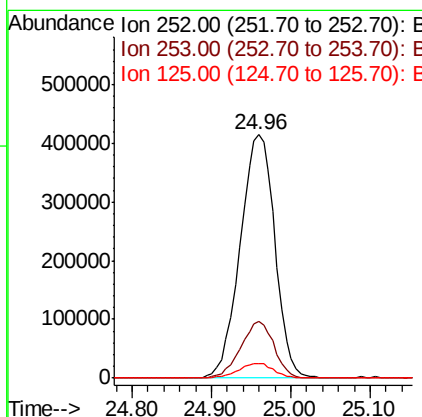
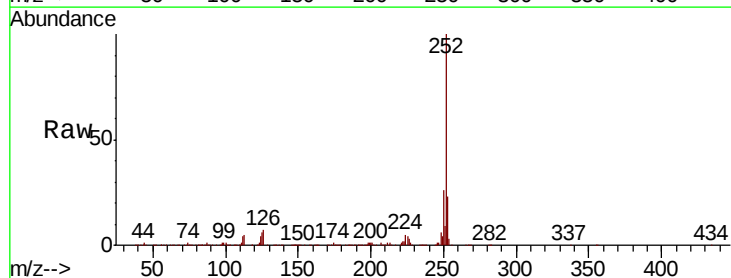
Instrument :
BNA_G
ClientSampleId :

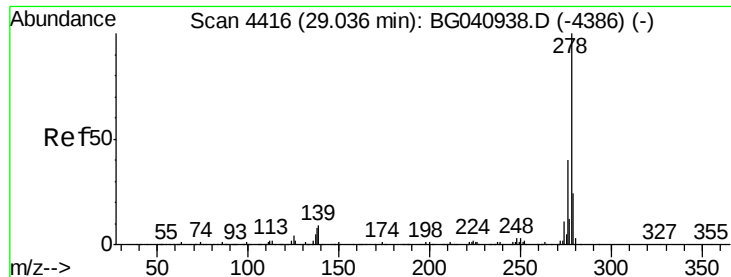
Tot Ion:252 Resp: 1238330
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 5.1 4.7 7.1



#90
Benzo(a)pyrene
Concen: 46.503 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion:252 Resp: 1260655
Ion Ratio Lower Upper
252 100
253 23.1 19.5 29.3
125 6.0 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 45.510 ng

RT: 29.03 min Scan# 4414

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

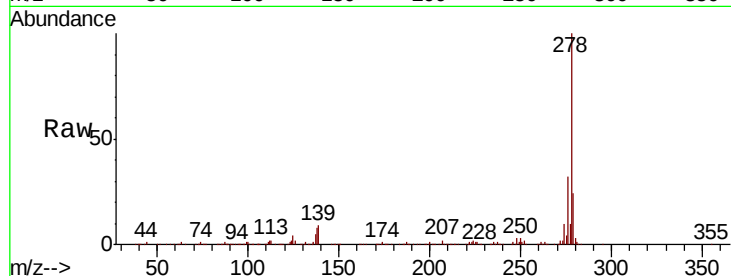
Tot Ion:278 Resp: 1232756

Ion Ratio Lower Upper

278 100

139 8.8 7.1 10.7

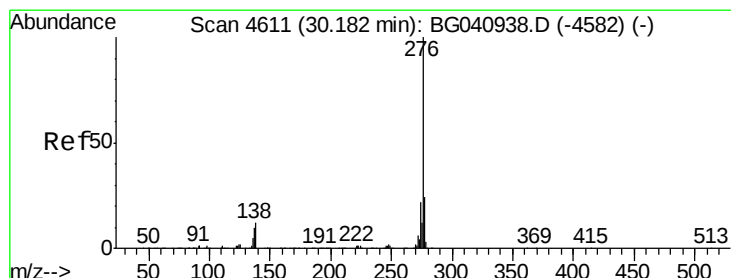
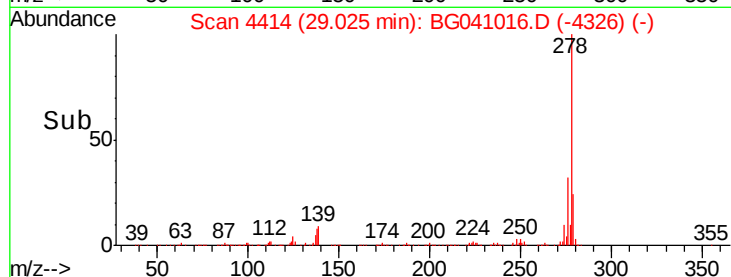
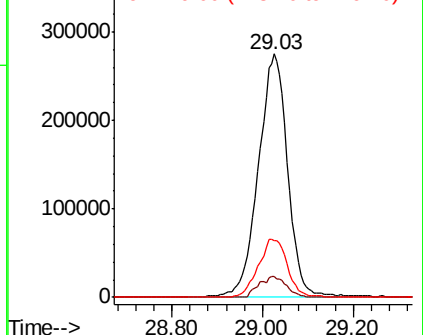
279 23.5 19.4 29.2



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: 48.024 ng

RT: 30.17 min Scan# 4609

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

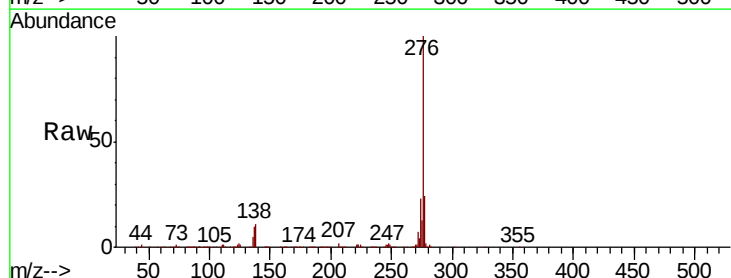
Tgt Ion:276 Resp: 1263803

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 11.0 9.7 14.5



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

