

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040322.D
 Acq On : 3 Apr 2019 10:07
 Operator : JU/SJ
 Sample : PB118519BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 16:18:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54880	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	237407	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	164880	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	418759	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	401386	20.00	ng	-0.02
87) Perylene-d12	25.06	264	414057	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	419744	127.15	ng	0.00
7) Phenol-d6	7.21	99	603074	132.18	ng	-0.02
23) Nitrobenzene-d5	9.23	82	343190	76.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	238818	134.02	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	840767	75.56	ng	-0.02
79) Terphenyl-d14	20.03	244	1334180	74.78	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	49977	32.196	ng	98
3) Pyridine	3.90	79	136644	32.694	ng	99
4) n-Nitrosodimethylamine	3.82	42	64896	33.568	ng	# 86
6) Aniline	7.38	93	90127	15.205	ng	95
8) 2-Chlorophenol	7.62	128	150021	38.821	ng	98
9) Benzaldehyde	7.20	77	68679	21.946	ng	93
10) Phenol	7.24	94	203310	41.056	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	142994	36.052	ng	99
12) 1,3-Dichlorobenzene	7.94	146	144429	34.381	ng	98
13) 1,4-Dichlorobenzene	8.09	146	147997	35.372	ng	97
14) 1,2-Dichlorobenzene	8.41	146	143285	35.811	ng	99
15) Benzyl Alcohol	8.29	79	137772	37.496	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	264232	34.712	ng	97
17) 2-Methylphenol	8.49	107	137903	40.244	ng	98
18) Hexachloroethane	9.13	117	52447	32.955	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	114630	35.043	ng	98
20) 3+4-Methylphenols	8.82	107	195266	42.064	ng	98
22) Acetophenone	8.88	105	221767	37.447	ng	# 97
24) Nitrobenzene	9.27	77	171280	37.032	ng	98
25) Isophorone	9.79	82	336890	36.658	ng	99
26) 2-Nitrophenol	9.98	139	85709	39.108	ng	97
27) 2,4-Dimethylphenol	10.03	122	158536	45.541	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	204574	37.626	ng	98
29) 2,4-Dichlorophenol	10.52	162	162414	42.983	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	154335	37.198	ng	99
31) Naphthalene	10.92	128	467583	38.425	ng	99
32) Benzoic acid	10.14	122	5848	2.780	ng	# 88
33) 4-Chloroaniline	11.03	127	71800	13.833	ng	96
34) Hexachlorobutadiene	11.18	225	89901	33.880	ng	95
35) Caprolactam	11.81	113	62130	41.434	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	190262	43.799	ng	99
37) 2-Methylnaphthalene	12.52	142	361496	40.167	ng	98
38) 1-Methylnaphthalene	12.74	142	344610	39.487	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	183536	35.023	ng	99

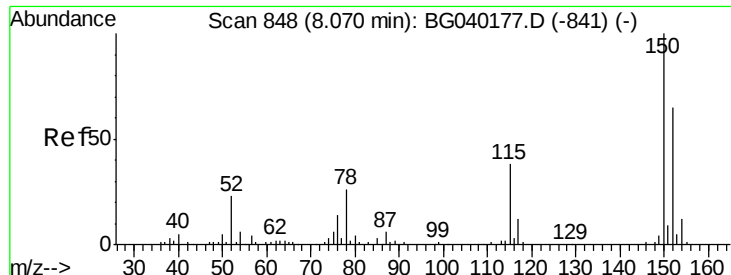
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040322.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	203320	70.661	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	141684	41.935	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	154329	41.907	ng	99
46) 1,1'-Biphenyl	13.52	154	473699	36.361	ng	98
47) 2-Chloronaphthalene	13.57	162	374486	37.475	ng	96
48) 2-Nitroaniline	13.78	65	132896	39.426	ng	94
49) Acenaphthylene	14.41	152	638706	37.697	ng	100
50) Dimethylphthalate	14.13	163	499765	38.729	ng	98
51) 2,6-Dinitrotoluene	14.27	165	113924	39.319	ng	98
52) Acenaphthene	14.75	154	373740	38.496	ng	97
53) 3-Nitroaniline	14.60	138	56820	18.526	ng	93
54) 2,4-Dinitrophenol	14.81	184	16312	10.586	ng	95
55) Dibenzofuran	15.08	168	626432	40.155	ng	99
56) 4-Nitrophenol	14.90	139	164049	66.273	ng	98
57) 2,4-Dinitrotoluene	15.05	165	163951	40.723	ng	95
58) Fluorene	15.73	166	487479	39.745	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	141486	42.338	ng	99
60) Diethylphthalate	15.49	149	525726	39.813	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	265652	40.520	ng	98
62) 4-Nitroaniline	15.77	138	131721	40.019	ng	97
63) Azobenzene	16.01	77	498664	40.036	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	37059	15.752	ng	96
66) n-Nitrosodiphenylamine	15.94	169	463255	37.804	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	175871	37.320	ng	97
68) Hexachlorobenzene	16.73	284	179167	37.813	ng	93
69) Atrazine	16.88	200	156939	34.428	ng	96
70) Pentachlorophenol	17.08	266	119408	43.590	ng	95
71) Phenanthrene	17.47	178	841322	38.223	ng	98
72) Anthracene	17.57	178	848793	38.527	ng	100
73) Carbazole	17.84	167	782209	37.516	ng	100
74) Di-n-butylphthalate	18.37	149	929061	37.592	ng	100
75) Fluoranthene	19.48	202	990351	37.998	ng	99
77) Benzidine	19.67	184	188682	13.017	ng	98
78) Pyrene	19.85	202	1006248	38.122	ng	98
80) Butylbenzylphthalate	20.72	149	422798	37.432	ng	95
81) Benzo(a)anthracene	21.69	228	953145	38.553	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	134093	14.258	ng	98
83) Chrysene	21.77	228	895928	37.707	ng	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	586791	36.343	ng	99
85) Di-n-octyl phthalate	22.81	149	1025871	37.293	ng	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	421257	14.496	ng	94
88) Benzo(b)fluoranthene	23.97	252	968104	38.189	ng	99
89) Benzo(k)fluoranthene	24.04	252	949426	40.726	ng	99
90) Benzo(a)pyrene	24.90	252	950390	39.957	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	529784	23.982	ng	97
92) Benzo(g,h,i)perylene	30.22	276	927985	40.876	ng	99

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

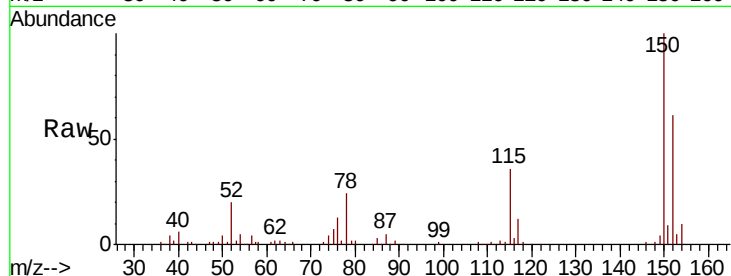


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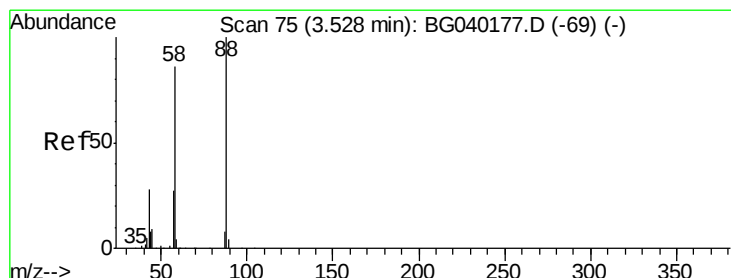
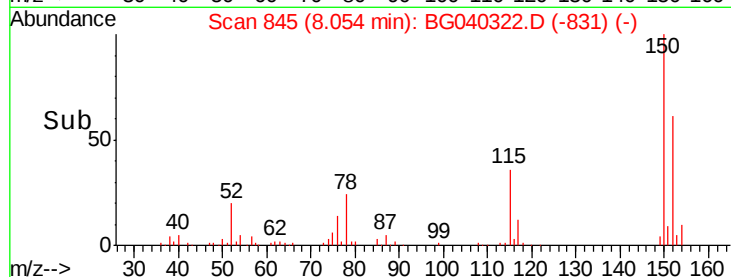
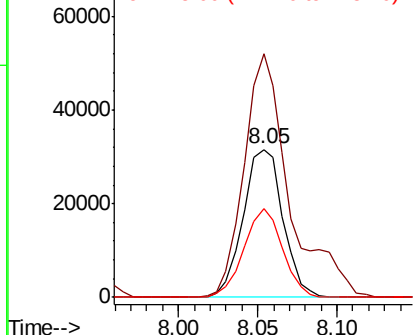
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54880
Ion Ratio Lower Upper
152 100
150 164.7 123.7 185.5
115 59.7 46.9 70.3



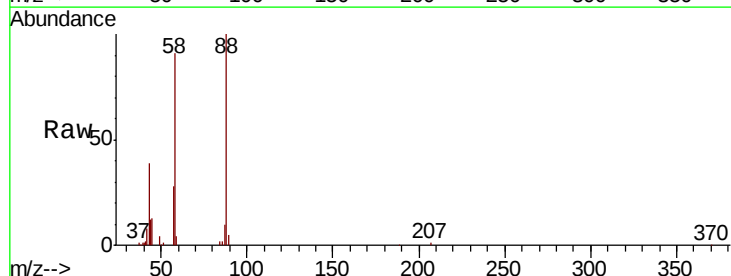
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



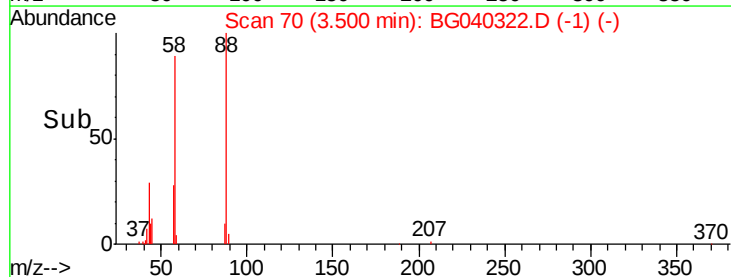
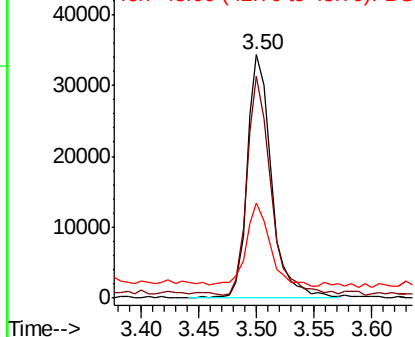
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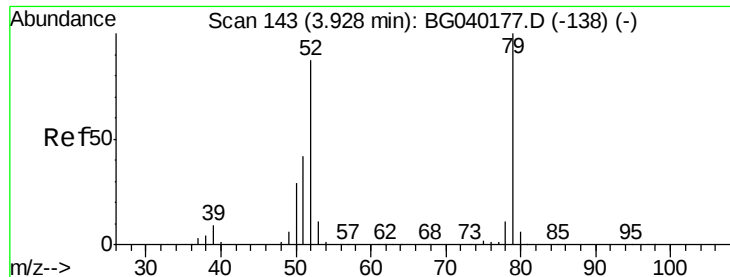
1,4-Dioxane
Concen: 32.196 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion: 88 Resp: 49977
Ion Ratio Lower Upper
88 100
58 88.0 70.6 106.0
43 34.2 24.8 37.2



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: 32.694 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

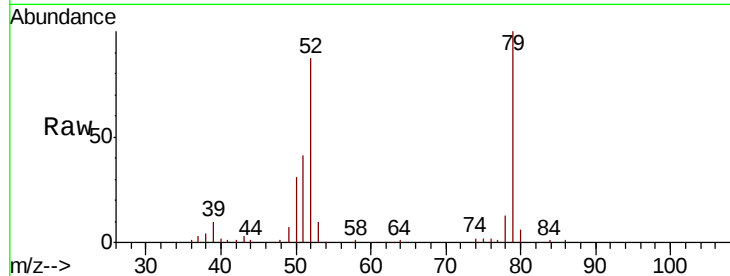
Tot Ion: 79 Resp: 136644

Ion Ratio Lower Upper

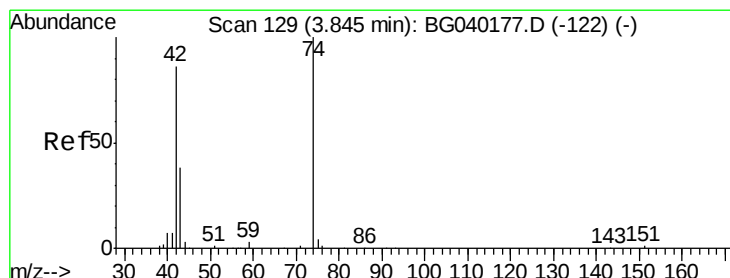
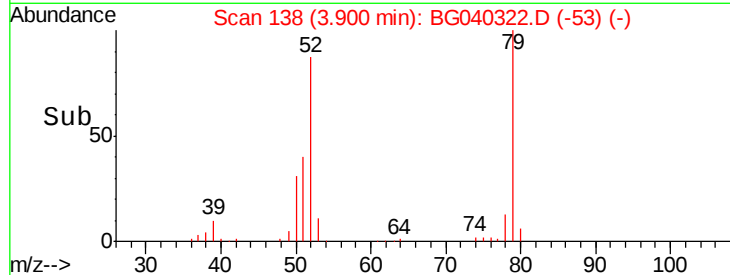
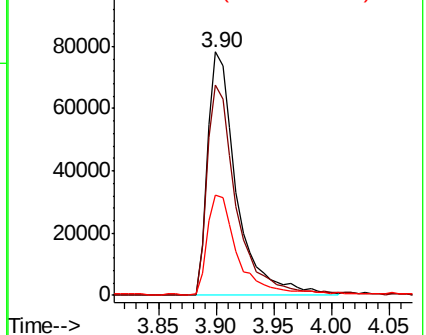
79 100

52 86.6 69.8 104.8

51 41.4 33.9 50.9



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: 33.568 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

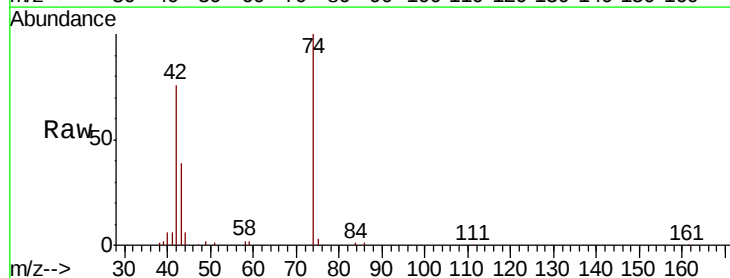
Tgt Ion: 42 Resp: 64896

Ion Ratio Lower Upper

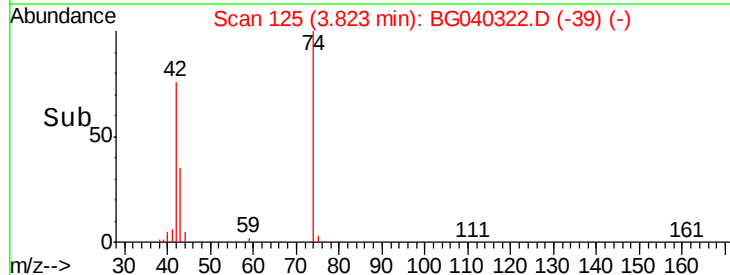
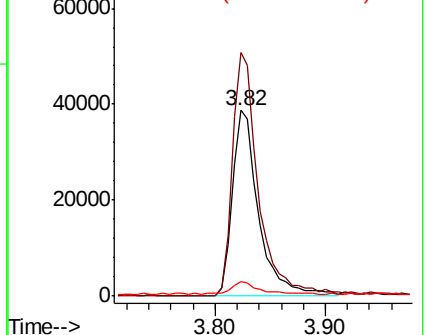
42 100

74 131.2 92.9 139.3

44 8.1 9.7 14.5#



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: 127.148 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

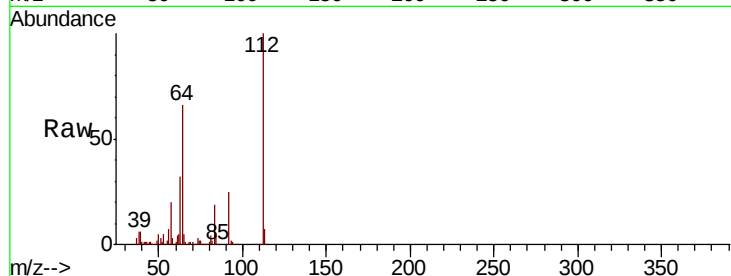
Tot Ion:112 Resp: 419744

Ion Ratio Lower Upper

112 100

64 65.6 54.2 81.2

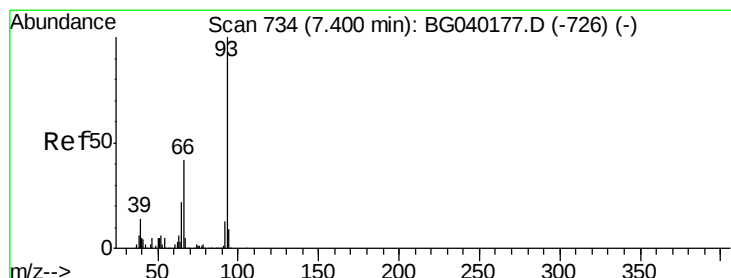
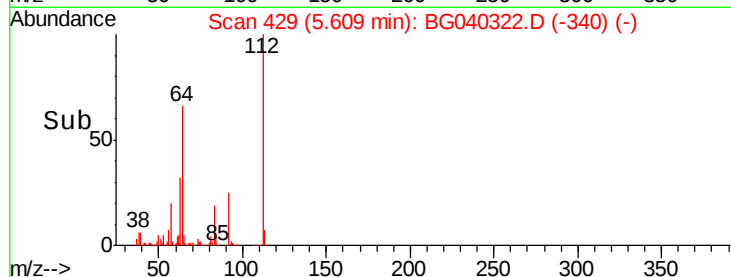
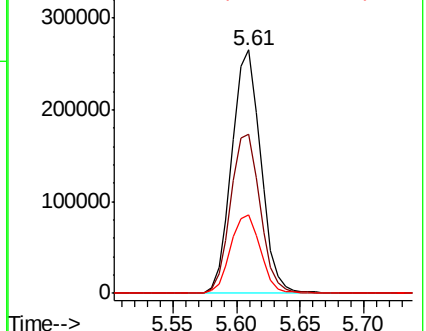
63 32.1 26.4 39.6



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: 15.205 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

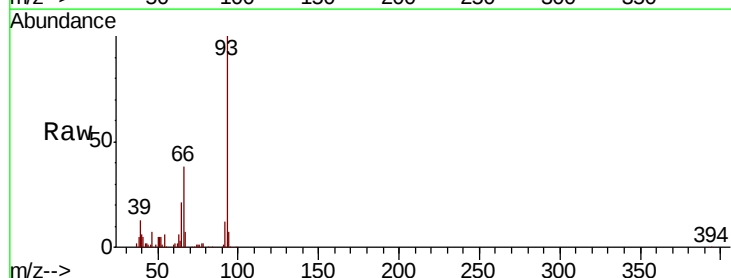
Tgt Ion: 93 Resp: 90127

Ion Ratio Lower Upper

93 100

66 37.5 33.6 50.4

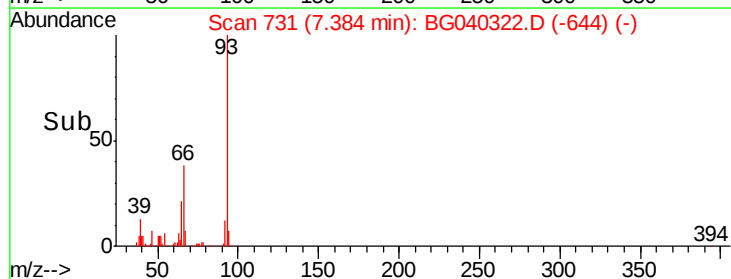
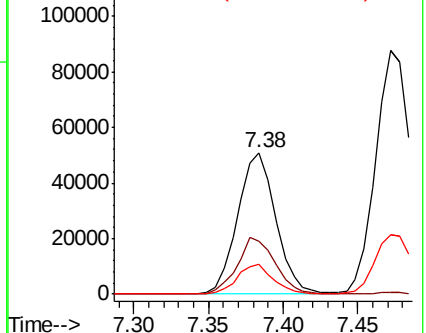
65 20.8 17.4 26.2

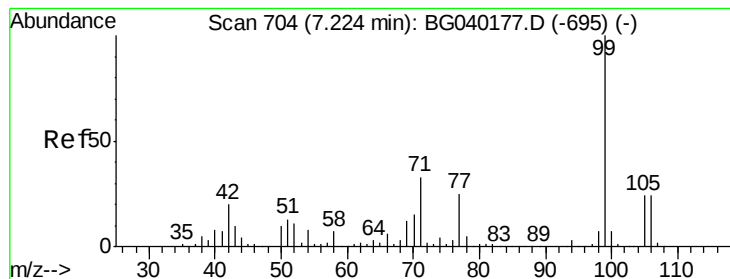


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.185 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampled :

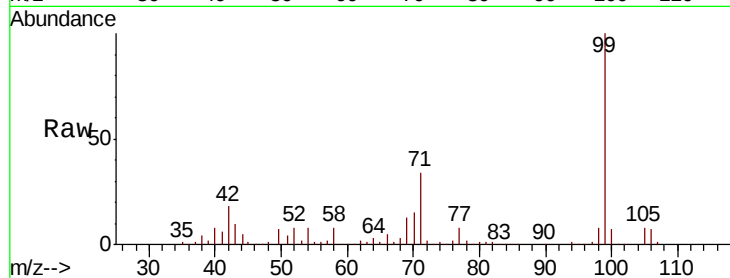
Tot Ion: 99 Resp: 603074

Ion Ratio Lower Upper

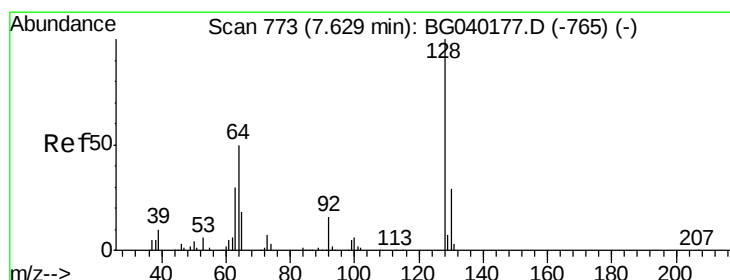
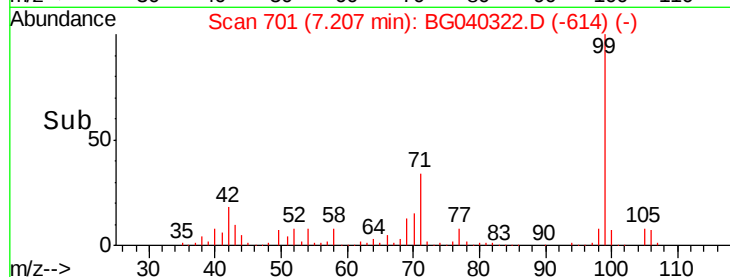
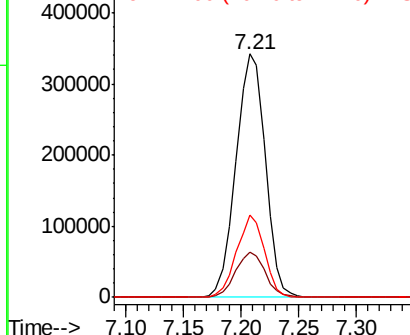
99 100

42 18.5 16.2 24.2

71 33.6 26.8 40.2



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: 38.821 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

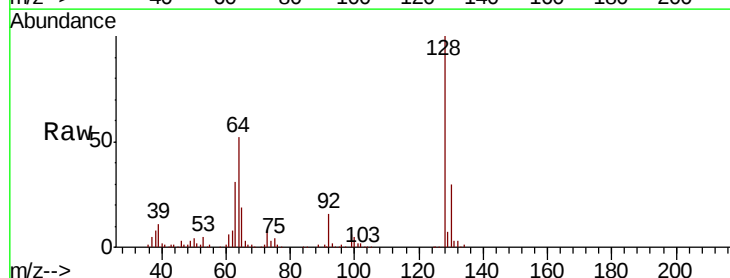
Tgt Ion: 128 Resp: 150021

Ion Ratio Lower Upper

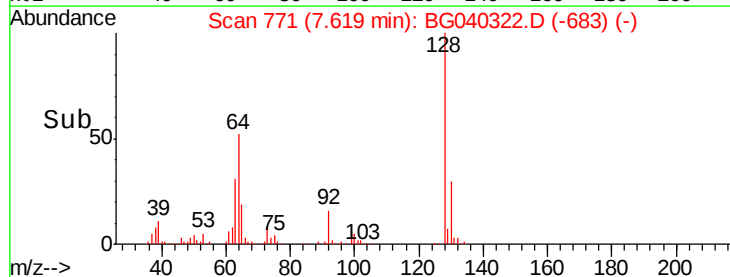
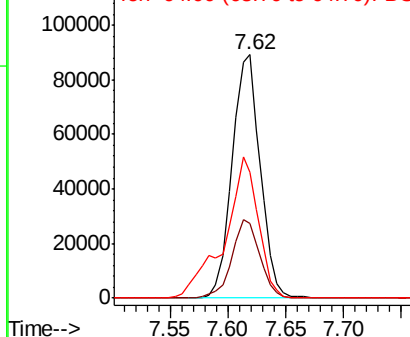
128 100

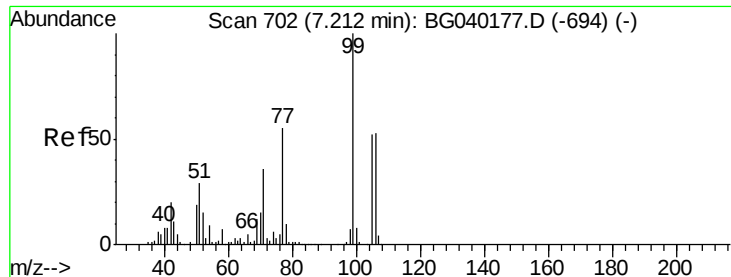
130 30.5 9.1 49.1

64 51.9 33.1 73.1



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: 21.946 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampled :

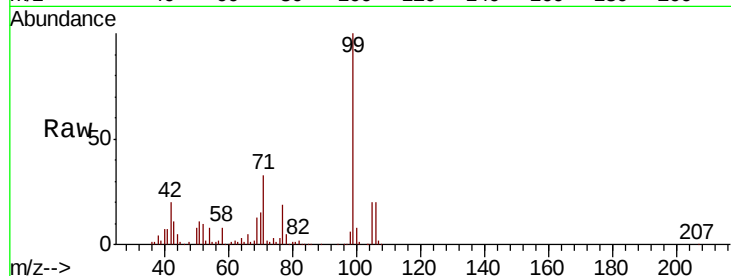
Tot Ion: 77 Resp: 68679

Ion Ratio Lower Upper

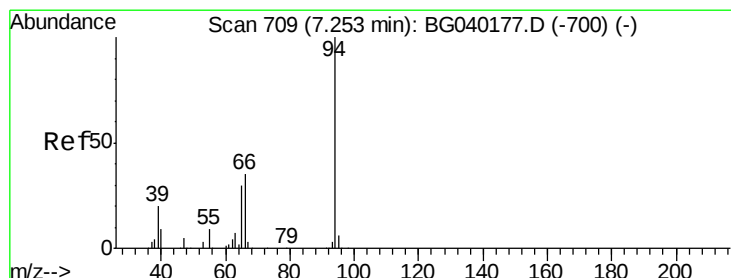
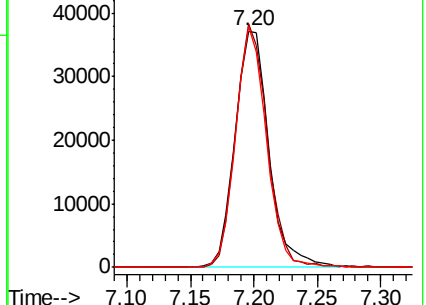
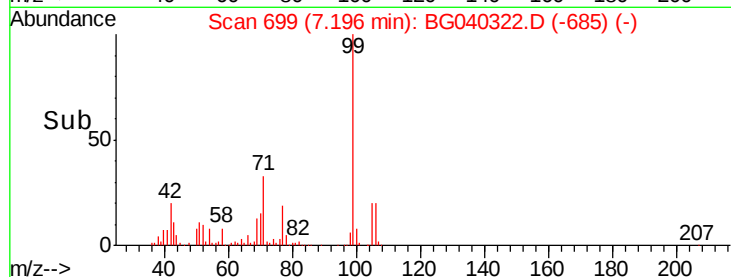
77 100

105 103.2 75.0 115.0

106 102.0 75.7 115.7



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: 41.056 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

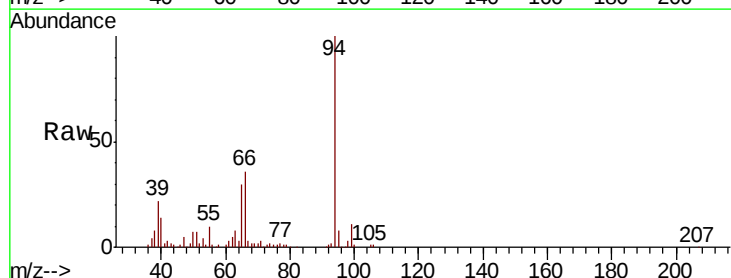
Tgt Ion: 94 Resp: 203310

Ion Ratio Lower Upper

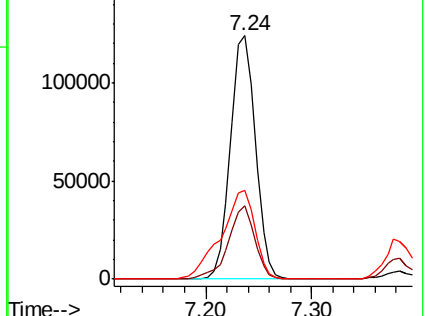
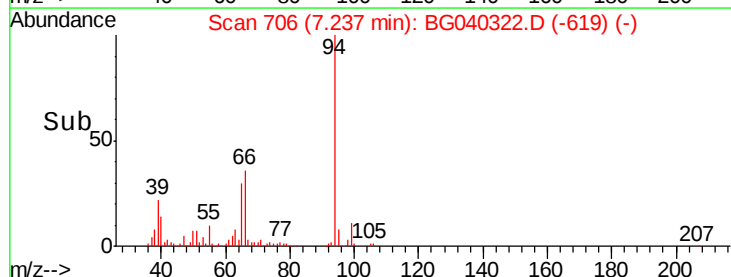
94 100

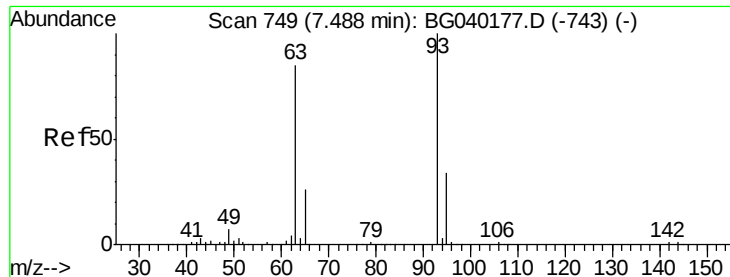
65 30.2 10.5 50.5

66 36.3 16.9 56.9



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

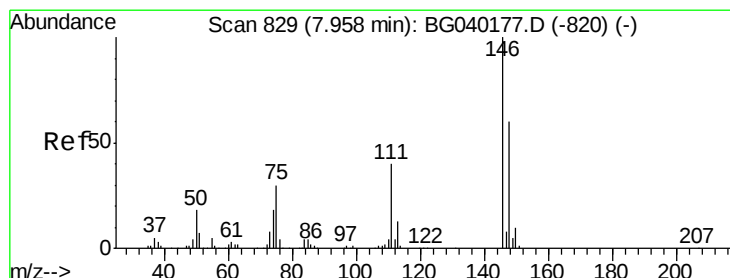
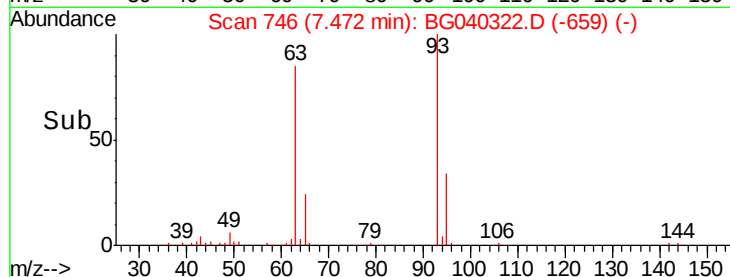
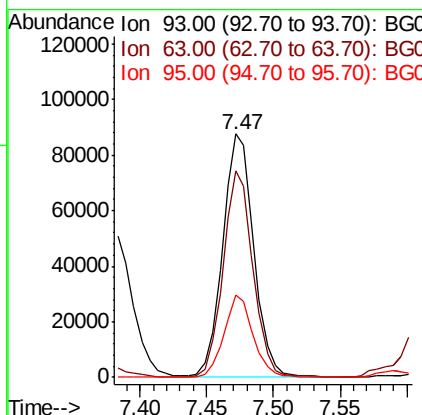
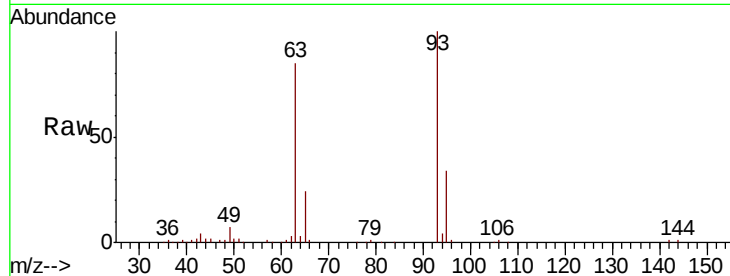




#11
 bis(2-Chloroethyl)ether
 Concen: 36.052 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

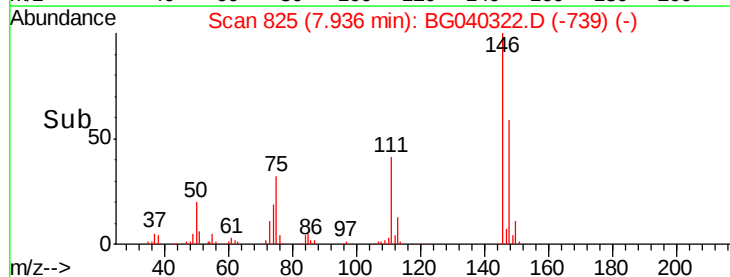
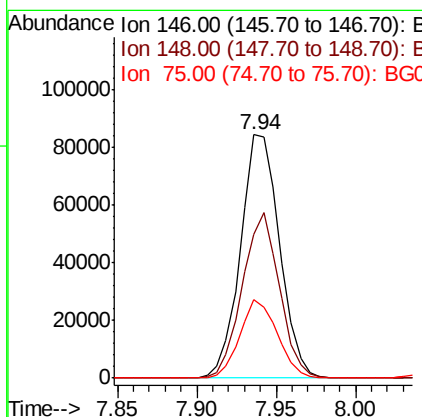
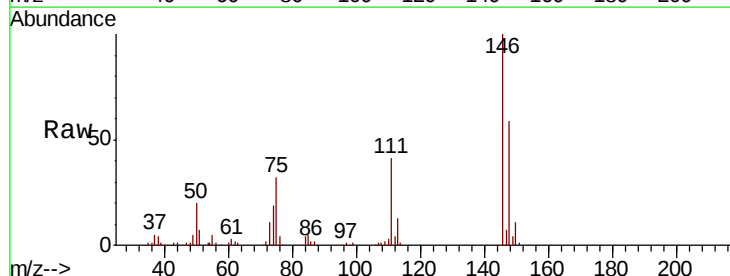
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 142994
 Ion Ratio Lower Upper
 93 100
 63 85.1 64.2 104.2
 95 34.0 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 34.381 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion: 146 Resp: 144429
 Ion Ratio Lower Upper
 146 100
 148 59.1 48.2 72.2
 75 32.4 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 35.372 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

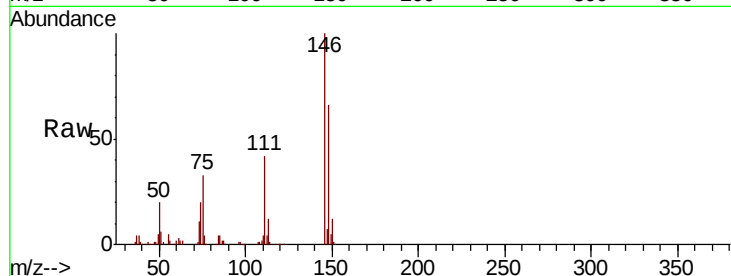
Tot Ion:146 Resp: 147997

Ion Ratio Lower Upper

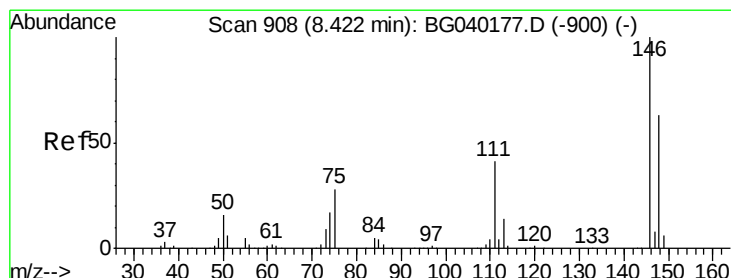
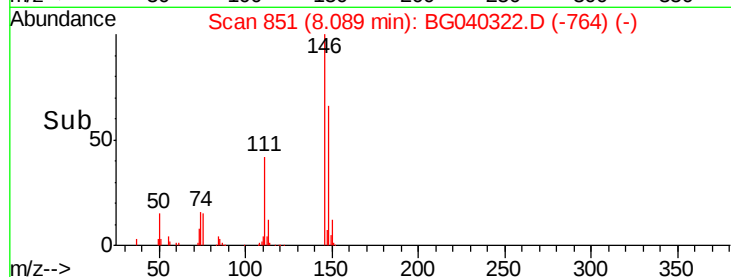
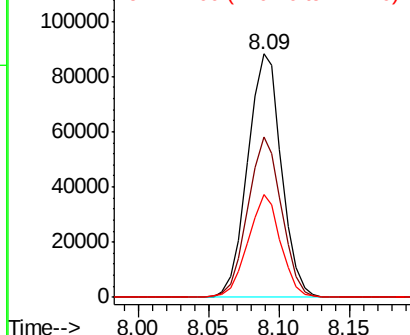
146 100

148 66.0 51.0 76.4

111 42.1 31.8 47.6



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



#14

1,2-Dichlorobenzene

Concen: 35.811 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

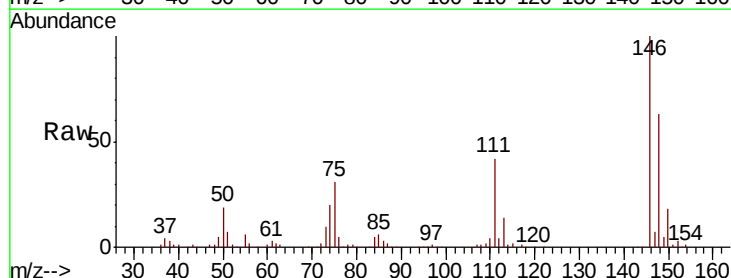
Tgt Ion:146 Resp: 143285

Ion Ratio Lower Upper

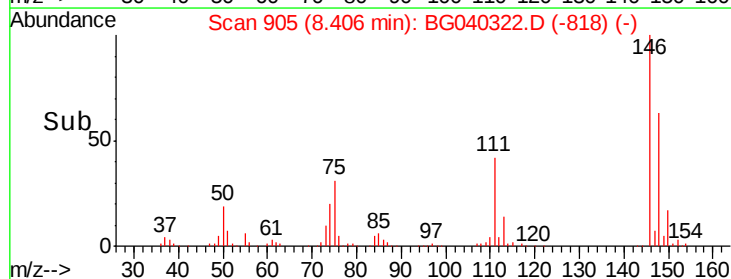
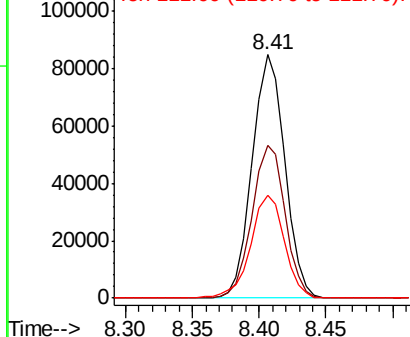
146 100

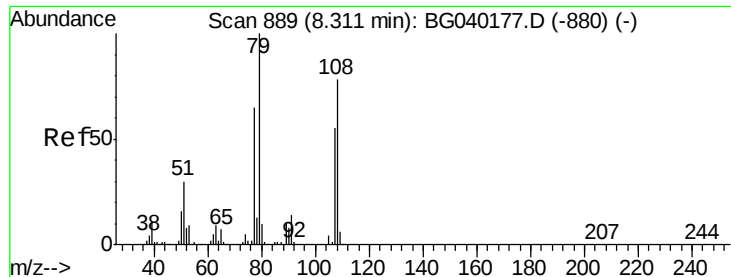
148 62.5 50.8 76.2

111 42.0 33.4 50.0



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: 37.496 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampled :

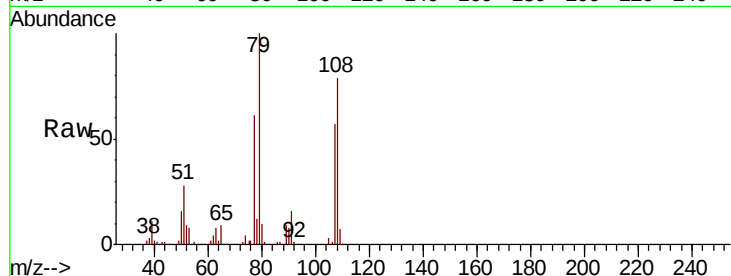
Tot Ion: 79 Resp: 137772

Ion Ratio Lower Upper

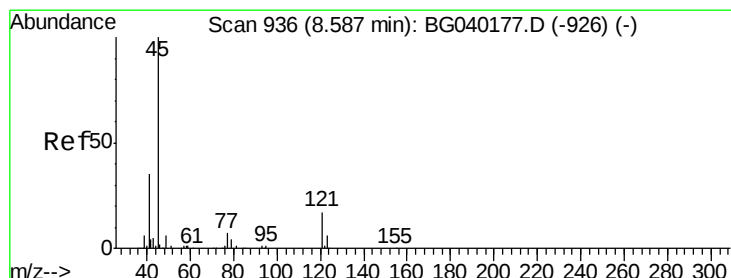
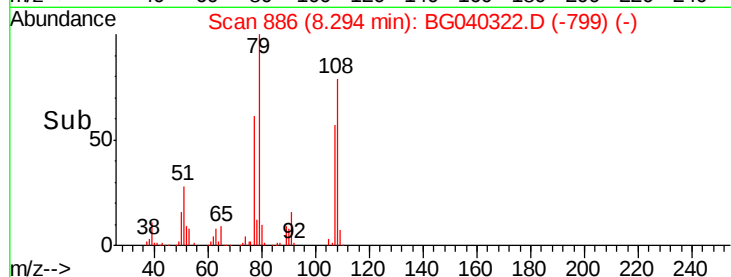
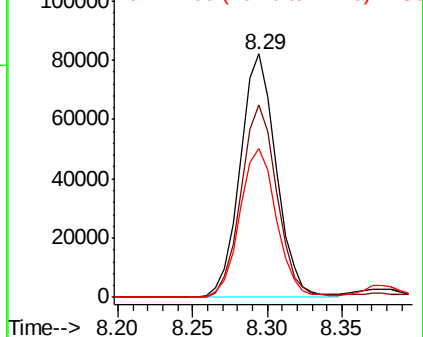
79 100

108 79.2 62.1 93.1

77 61.3 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.712 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

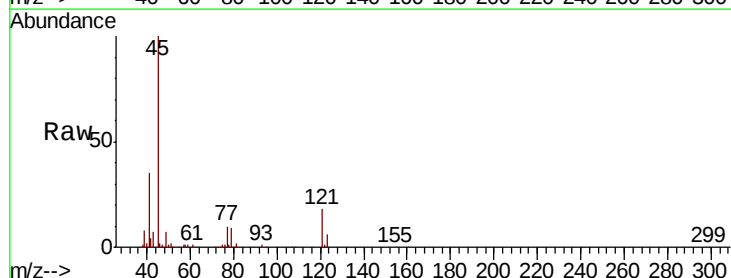
Tgt Ion: 45 Resp: 264232

Ion Ratio Lower Upper

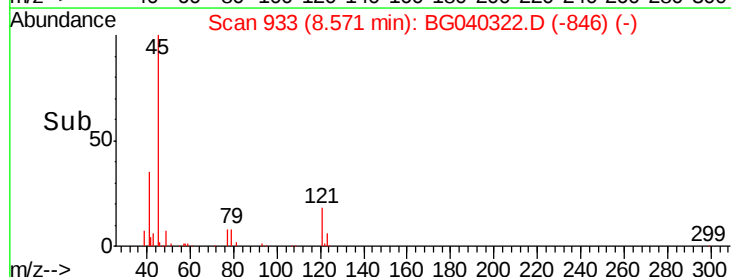
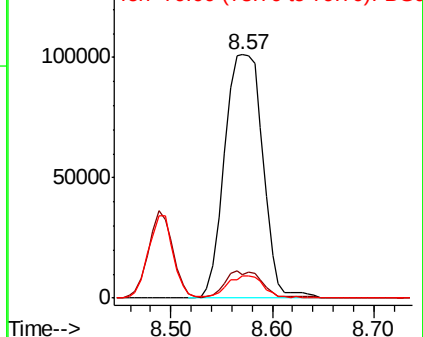
45 100

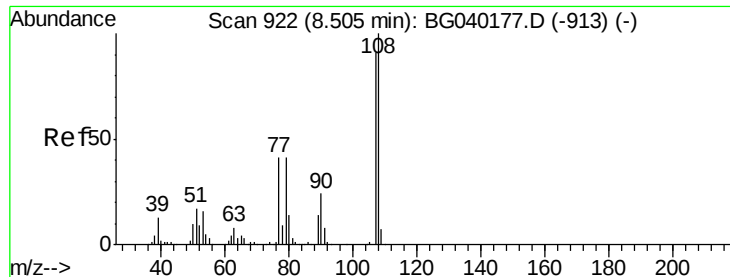
77 9.8 0.0 31.4

79 8.9 0.0 28.3



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

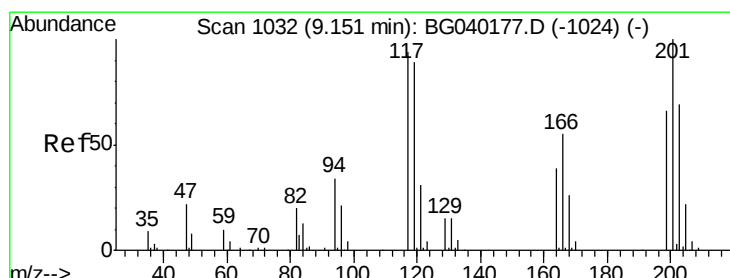
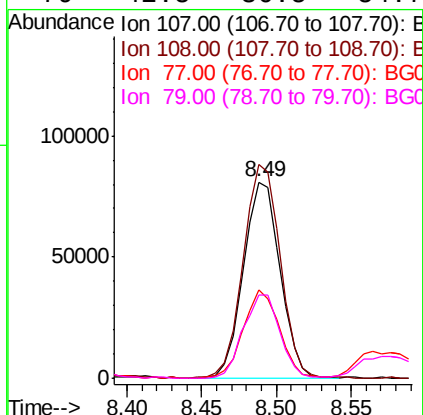
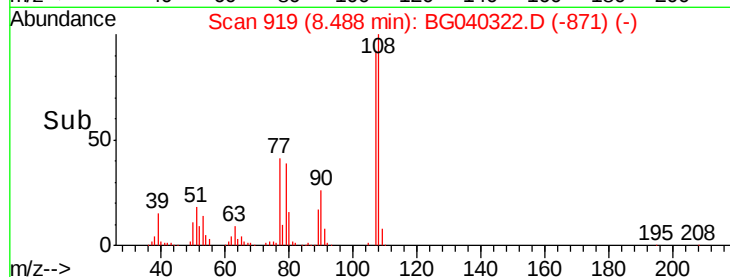
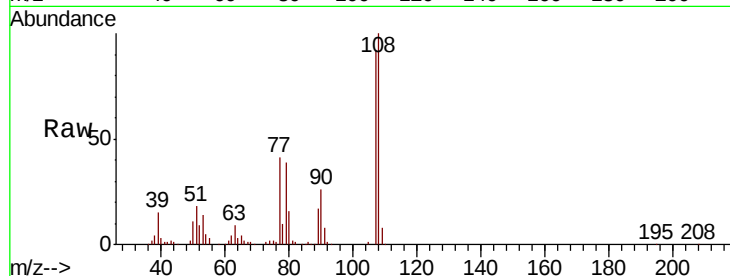




#17
2-Methylphenol
Concen: 40.244 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

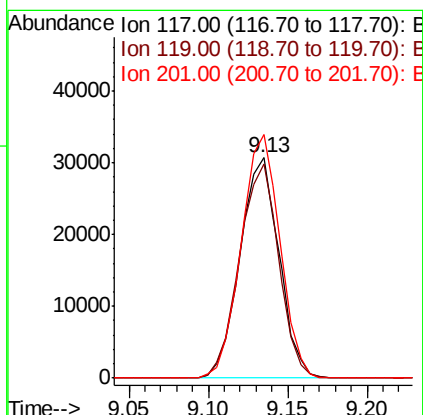
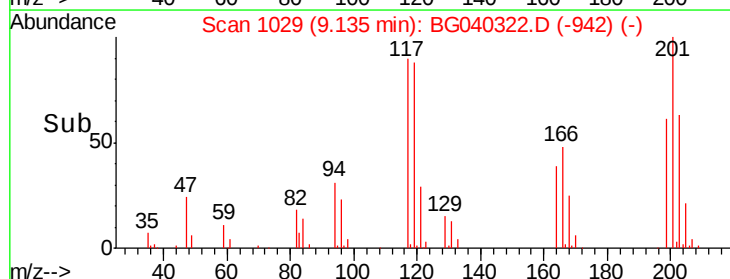
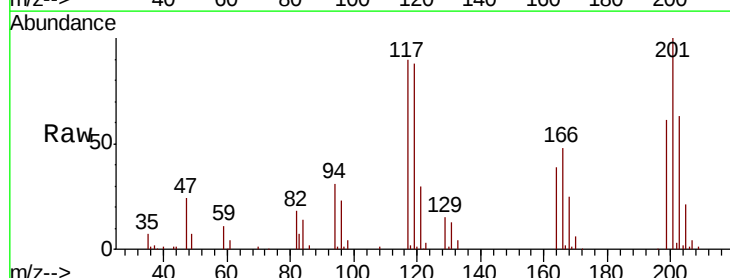
Instrument :
BNA_F
ClientSampleId :

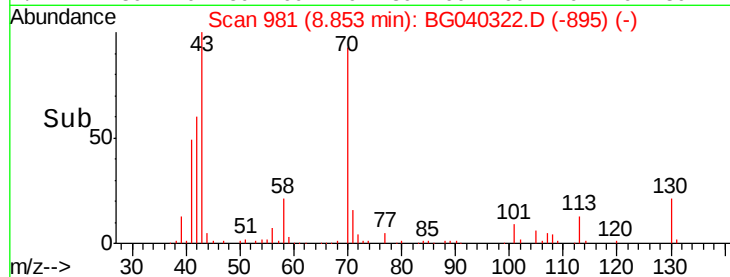
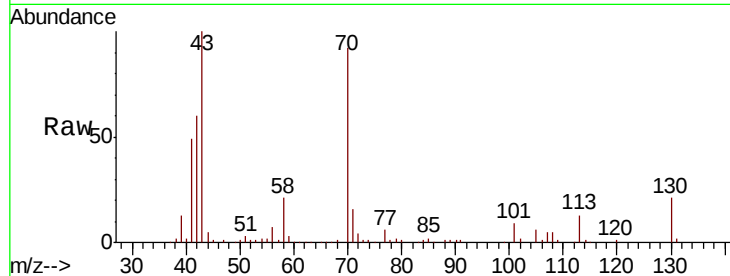
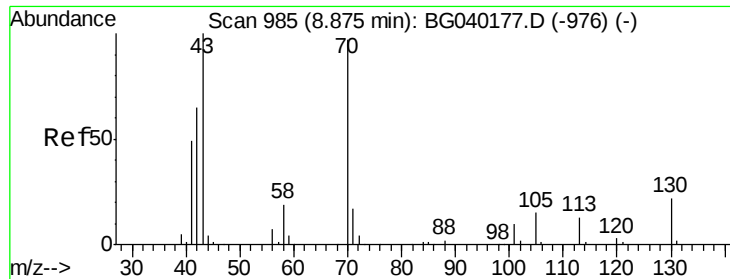
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	88.2	132.4
77	45.0	36.6	55.0
79	42.5	36.5	54.7



#18
Hexachloroethane
Concen: 32.955 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.6	115.0
201	110.6	85.0	127.4

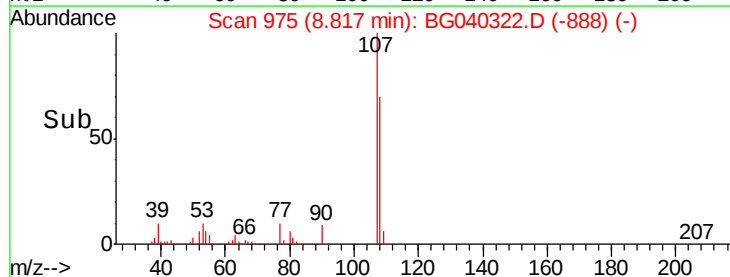
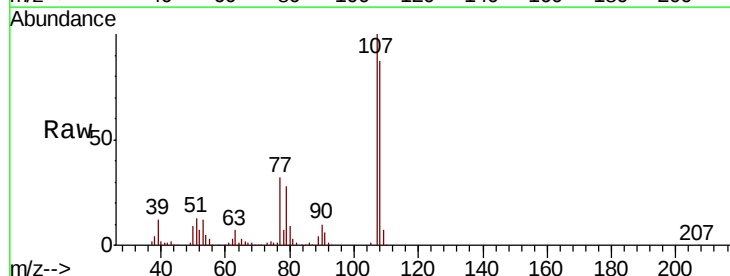
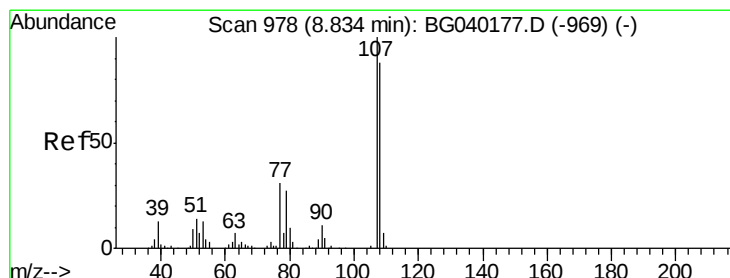
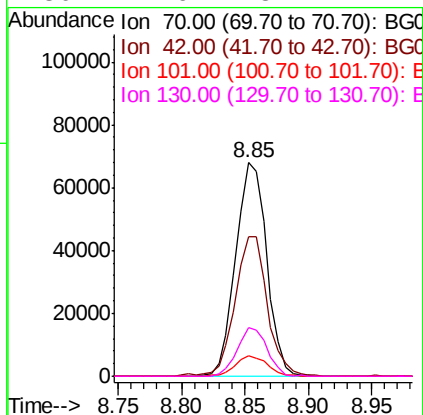




#19
n-Nitroso-di-n-propylamine
Concen: 35.043 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

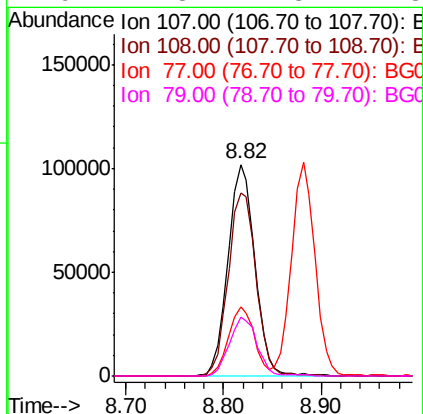
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	114630
Ion	Ratio	Lower	Upper
70	100		
42	65.4	54.0	81.0
101	9.6	8.6	13.0
130	22.6	18.2	27.2



#20
3+4-Methylphenols
Concen: 42.064 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:	107	Resp:	195266
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.3	108.3
77	32.5	11.3	51.3
79	27.8	7.3	47.3

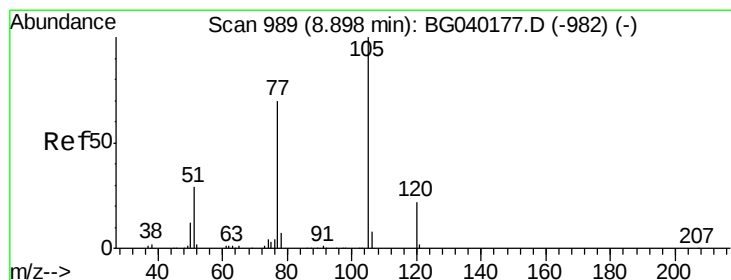
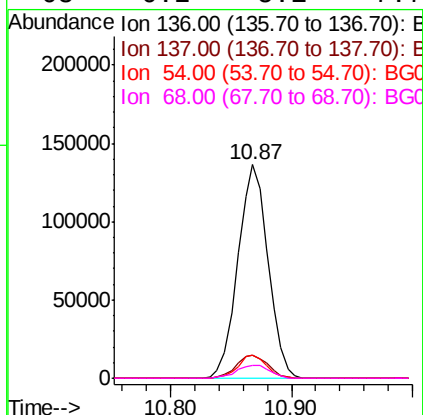
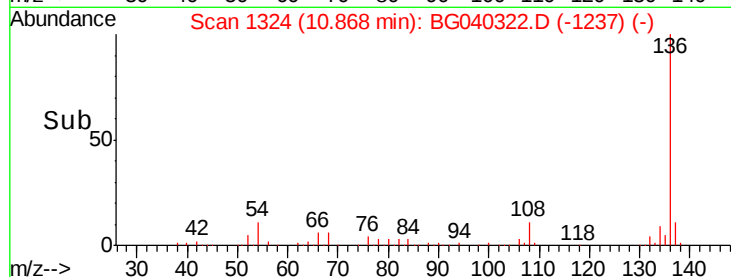
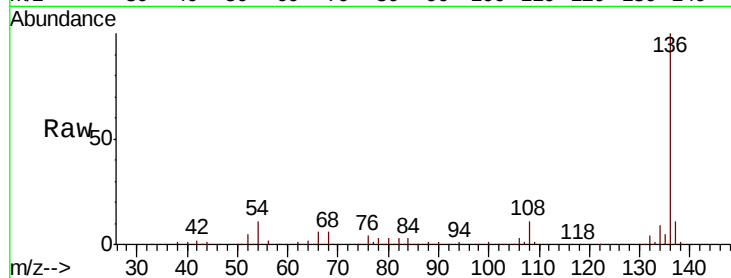




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

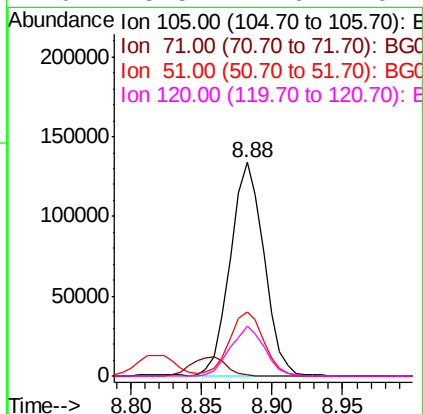
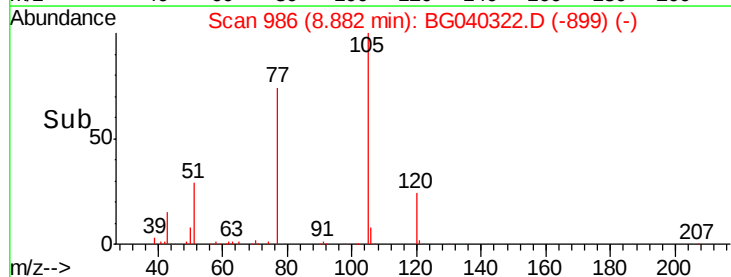
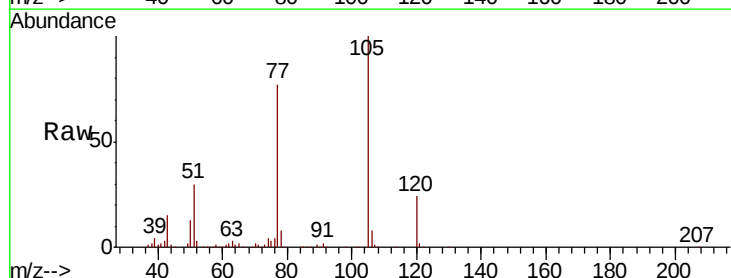
Instrument :
BNA_F
ClientSampleId :

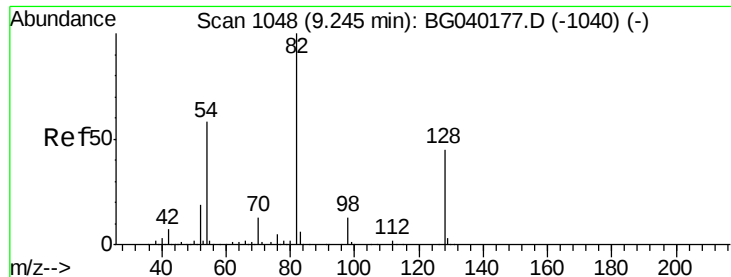
Tot Ion:136	Resp:	237407
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	10.6	9.6 14.4
68	6.2	5.1 7.7



#22
Acetophenone
Concen: 37.447 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:105	Resp:	221767
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0#
51	30.0	25.1 37.7
120	23.5	17.6 26.4





#23

Nitrobenzene-d5

Concen: 76.837 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

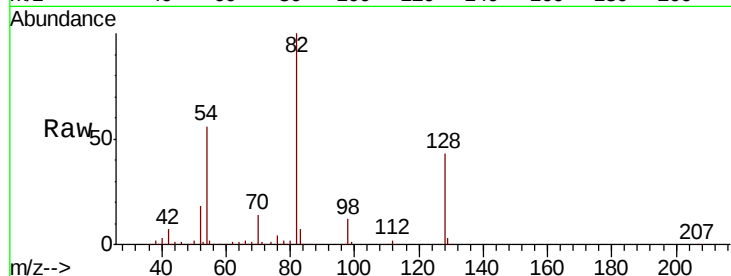
Tot Ion: 82 Resp: 343190

Ion Ratio Lower Upper

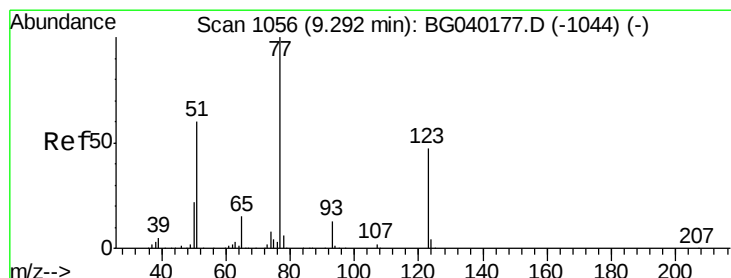
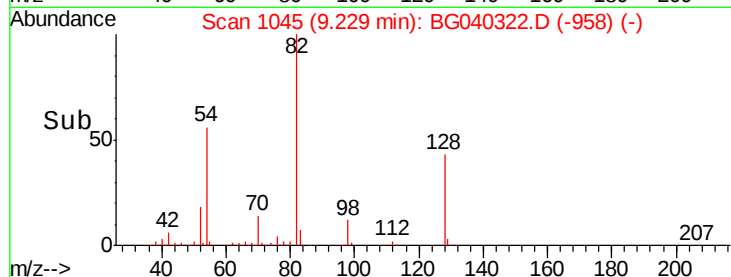
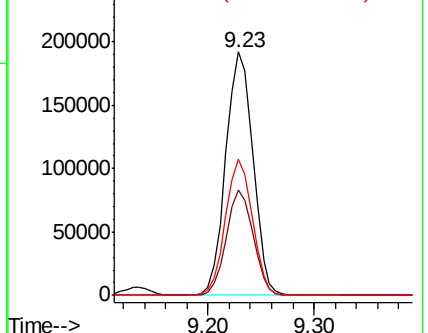
82 100

128 43.0 35.8 53.8

54 56.0 46.2 69.2



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: 37.032 ng

RT: 9.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

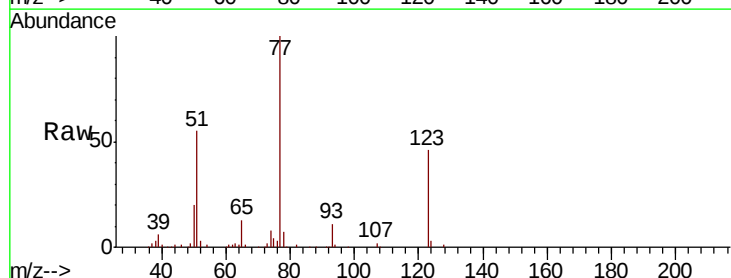
Tgt Ion: 77 Resp: 171280

Ion Ratio Lower Upper

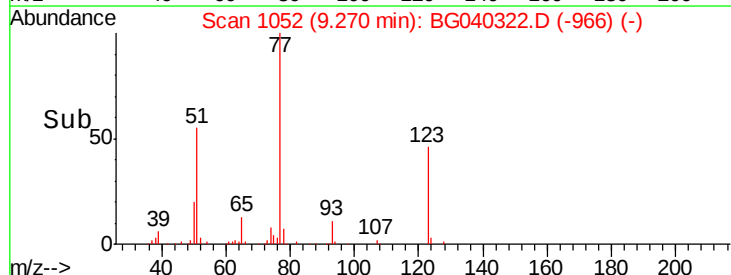
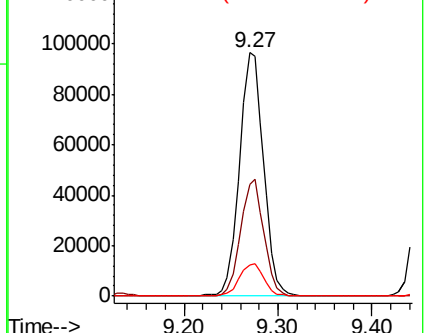
77 100

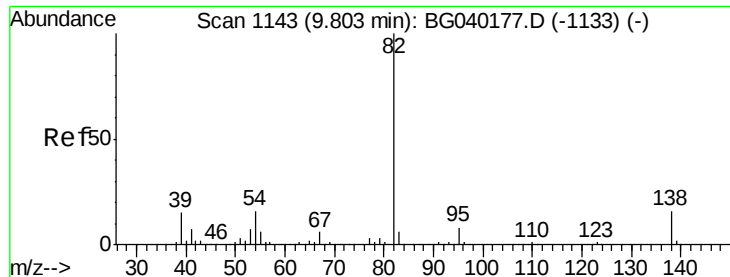
123 46.1 37.8 56.6

65 13.0 12.0 18.0



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: 36.658 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

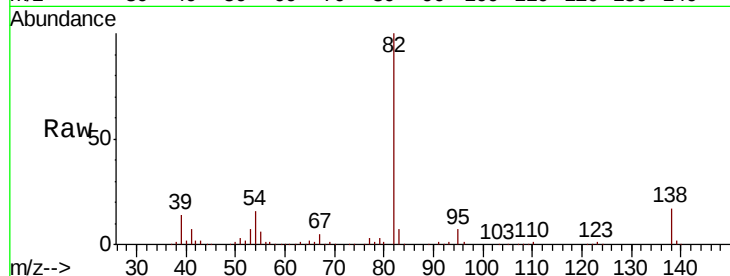
Tot Ion: 82 Resp: 336890

Ion Ratio Lower Upper

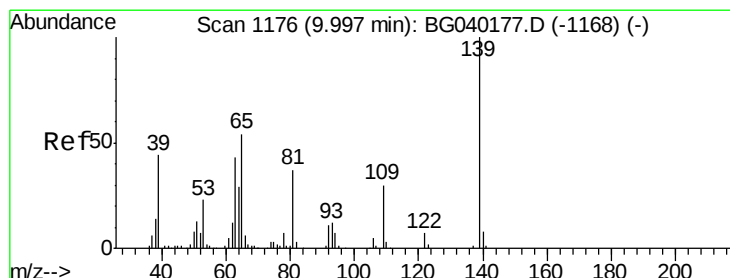
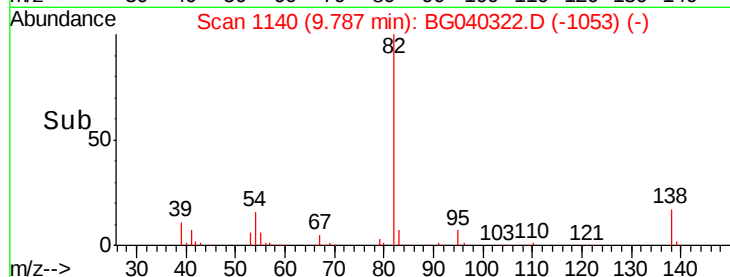
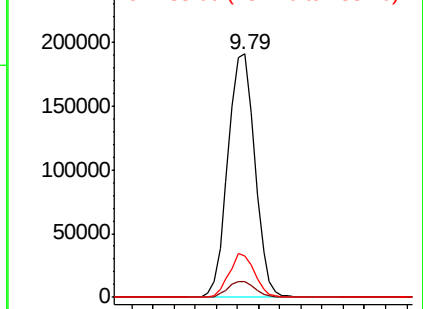
82 100

95 6.7 6.1 9.1

138 16.8 13.2 19.8



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



#26

2-Nitrophenol

Concen: 39.108 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

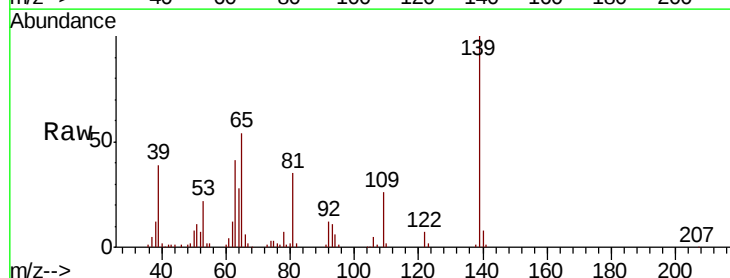
Tgt Ion: 139 Resp: 85709

Ion Ratio Lower Upper

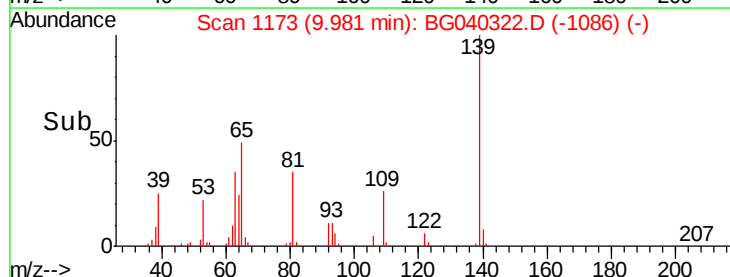
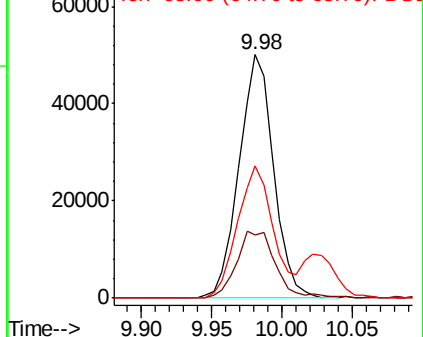
139 100

109 26.1 24.1 36.1

65 54.4 43.0 64.6



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

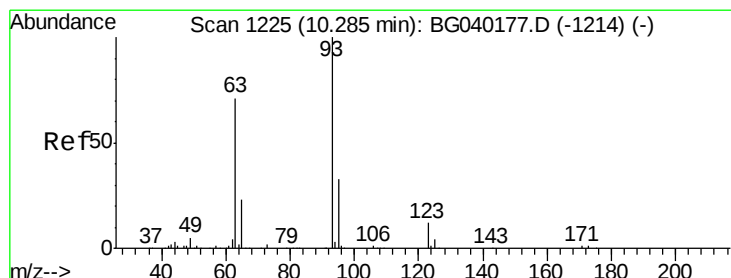
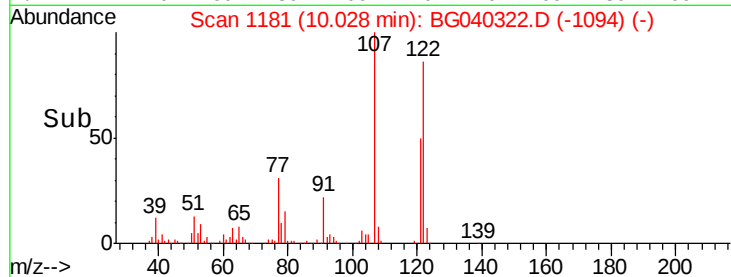
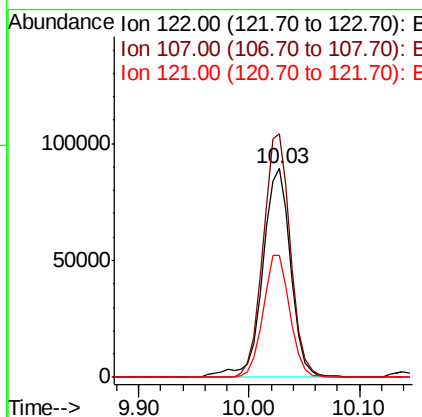
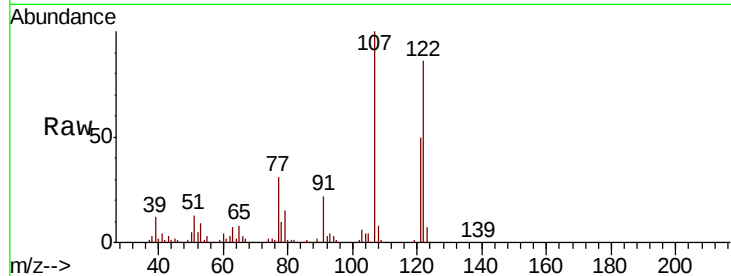




#27
 2,4-Dimethylphenol
 Concen: 45.541 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

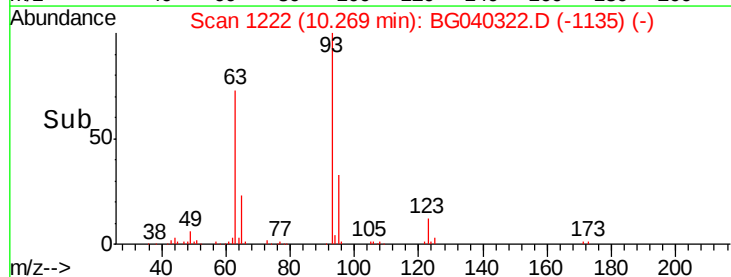
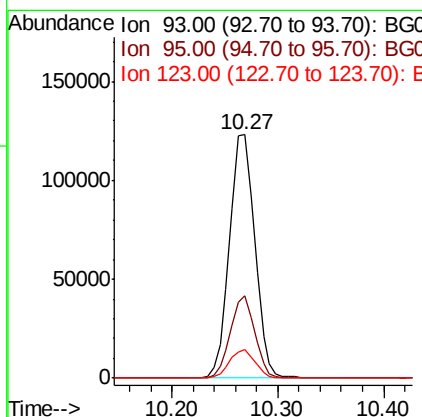
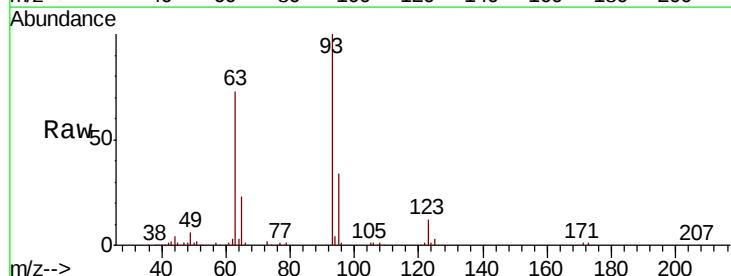
Instrument :
 BNA_F
 ClientSampleId :

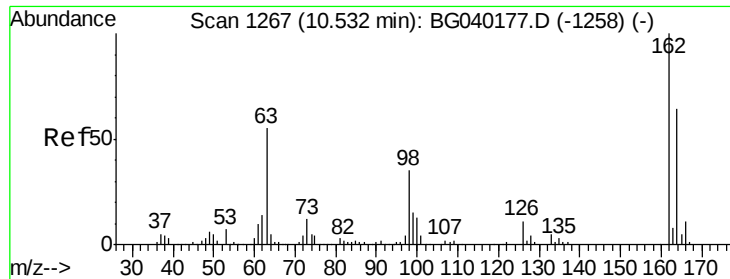
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	97.4	146.2
121	58.5	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.626 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.2	39.4
123	11.8	9.4	14.0

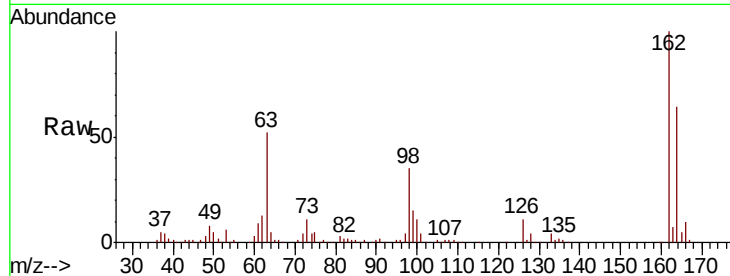




#29
 2,4-Dichlorophenol
 Concen: 42.983 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.9	83.9
98	34.9	15.6	55.6

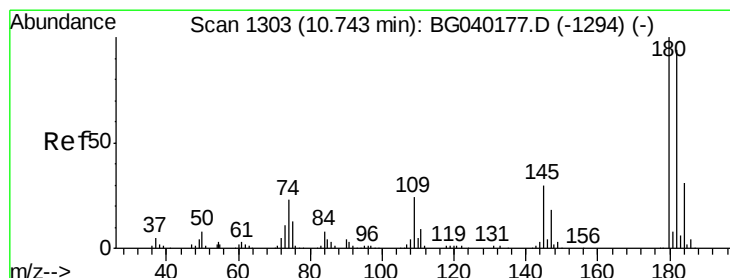
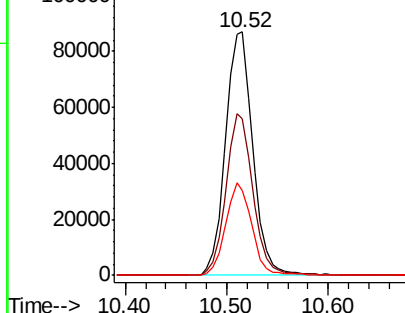
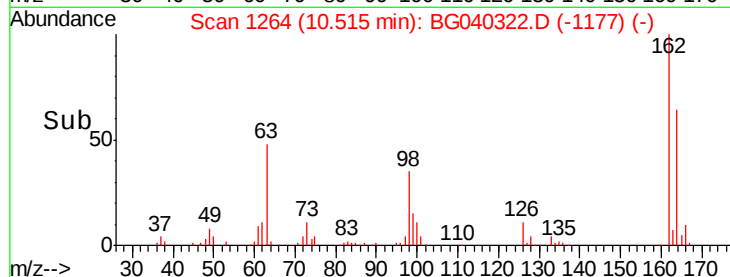


Abundance

Ion 162.00 (161.70 to 162.70): E

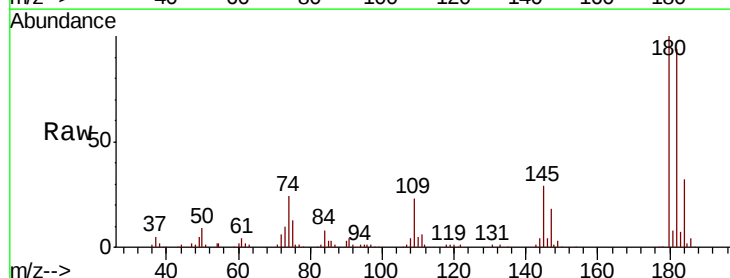
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 37.198 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.1	112.7
145	28.7	24.1	36.1

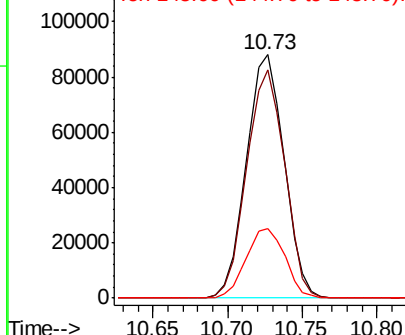
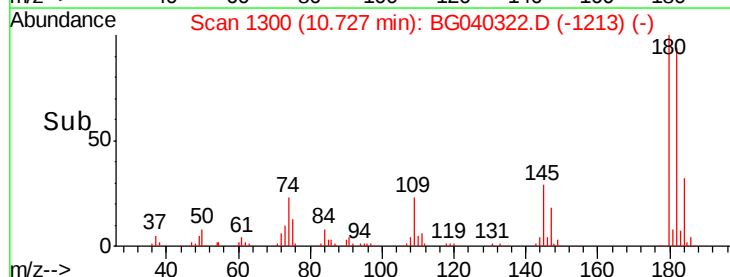


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

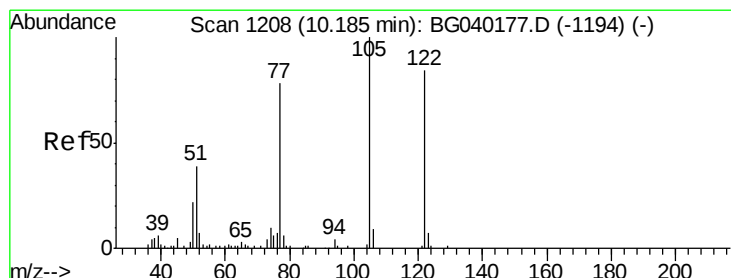
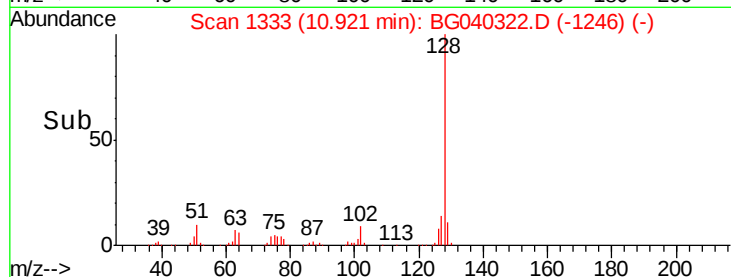
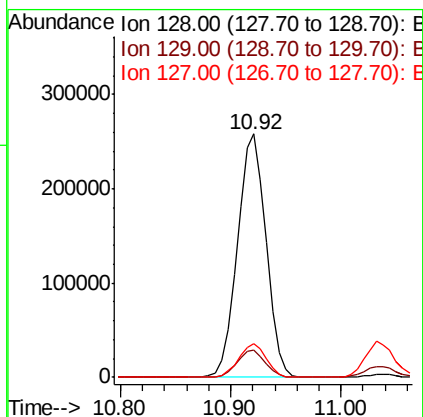
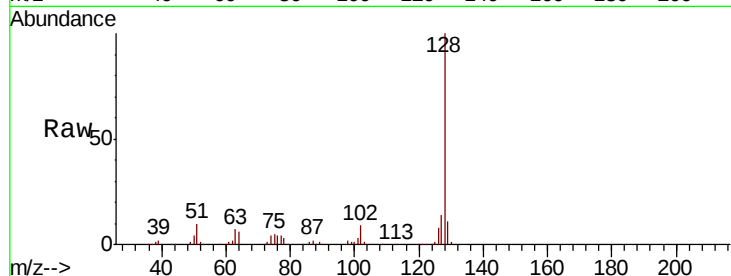




#31
Naphthalene
Concen: 38.425 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

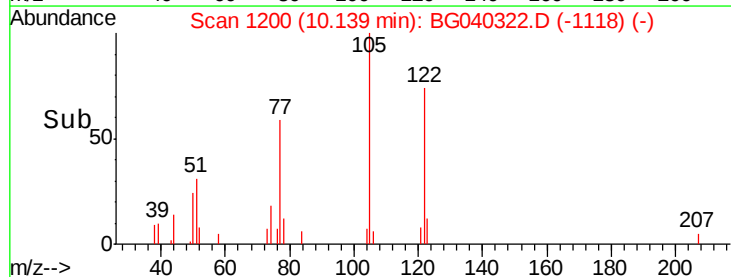
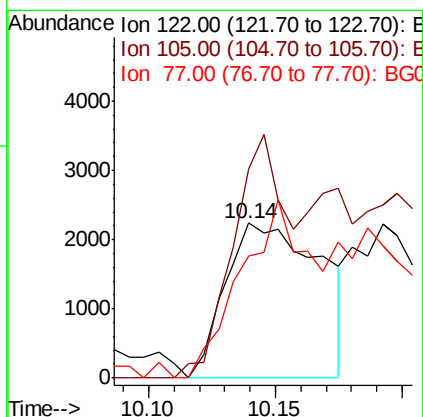
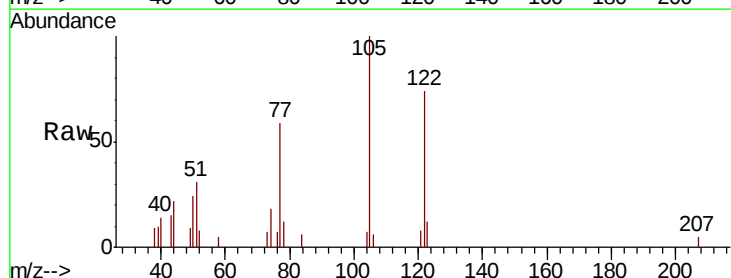
Instrument :
BNA_F
ClientSampleId :

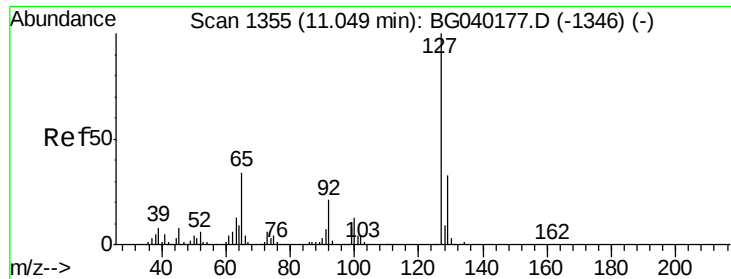
Tot Ion:128 Resp: 467583
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 2.780 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:122 Resp: 5848
Ion Ratio Lower Upper
122 100
105 116.7 98.2 138.2
77 68.5 73.6 113.6#

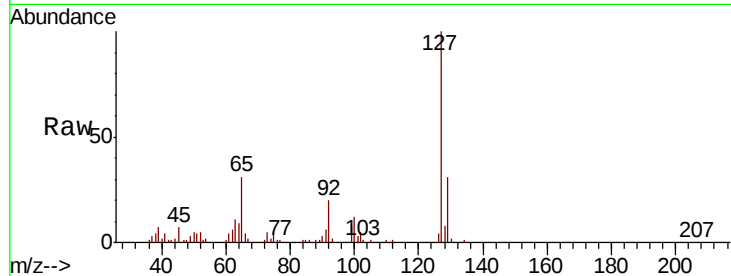




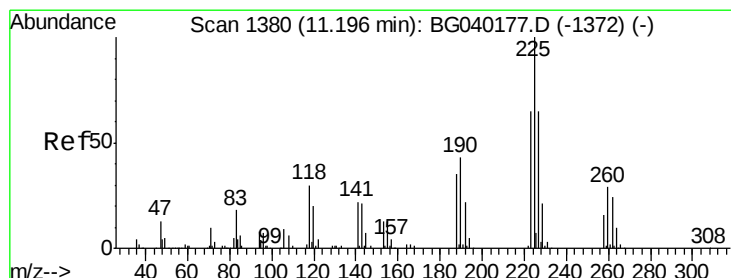
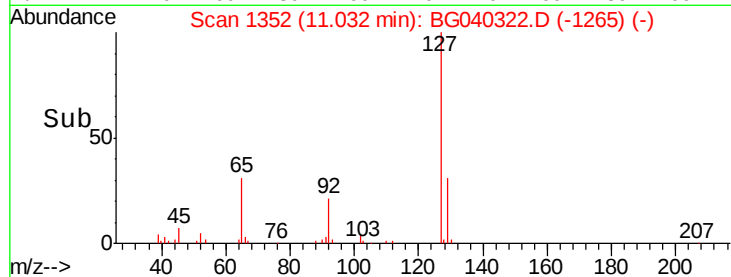
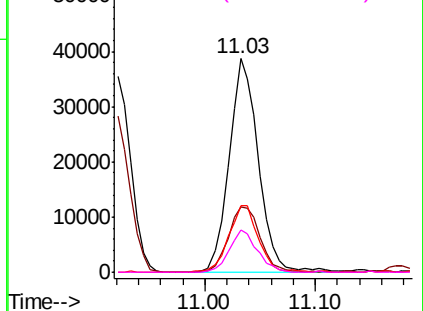
#33
4-Chloroaniline
Concen: 13.833 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	71800
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.6	40.0
65	31.4	27.0	40.4
92	20.0	16.6	25.0

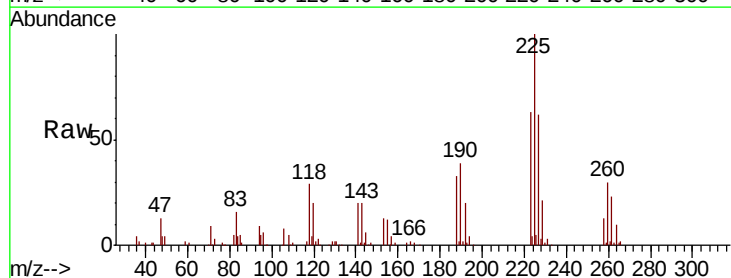


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

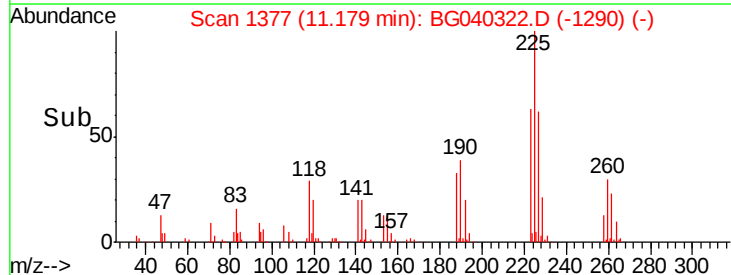
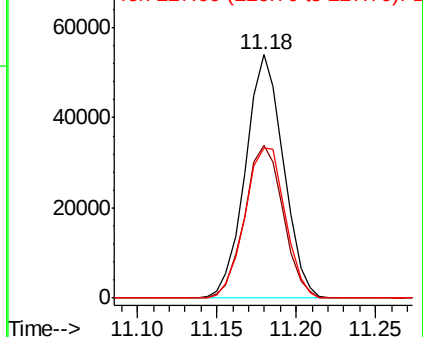


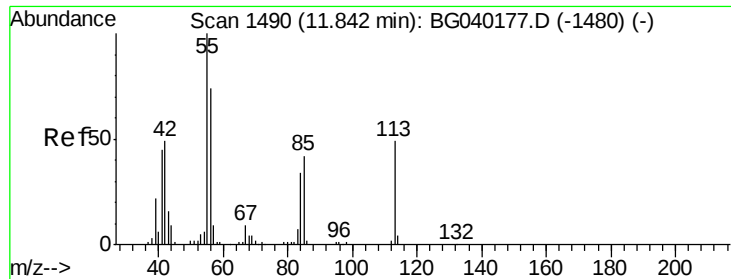
#34
Hexachlorobutadiene
Concen: 33.880 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:	225	Resp:	89901
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.8	77.8
227	61.9	54.9	82.3



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: 41.434 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

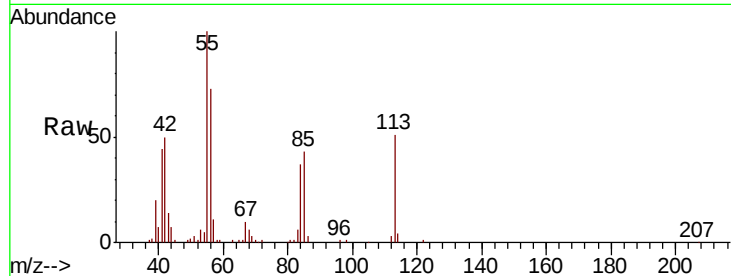
Tot Ion:113 Resp: 62130

Ion Ratio Lower Upper

113 100

55 196.8 184.2 224.2

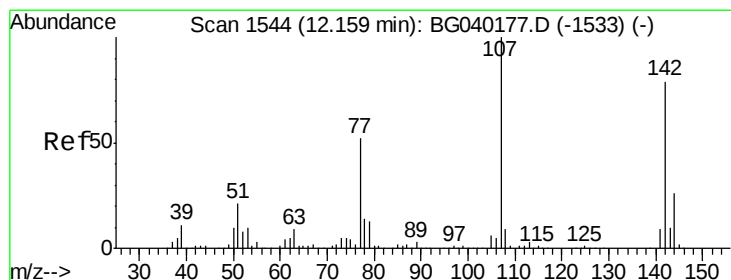
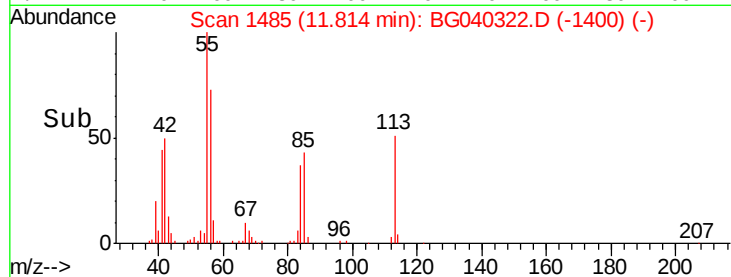
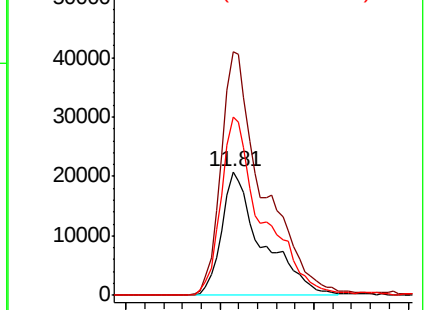
56 143.7 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.799 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

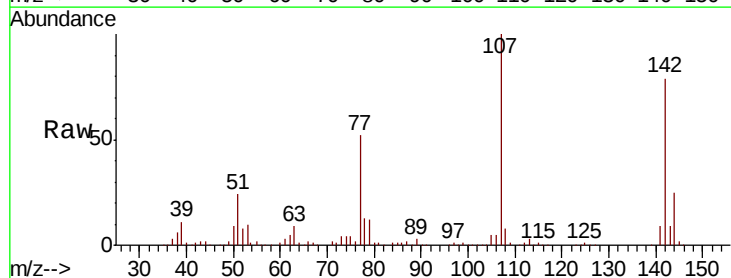
Tgt Ion:107 Resp: 190262

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

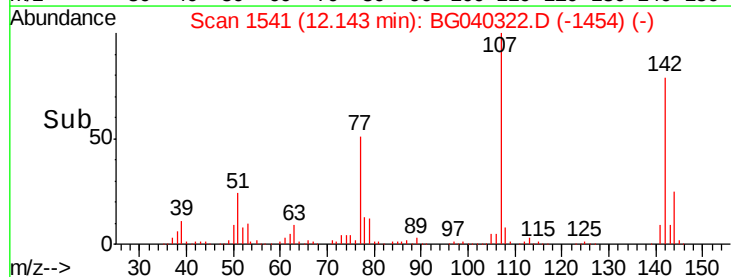
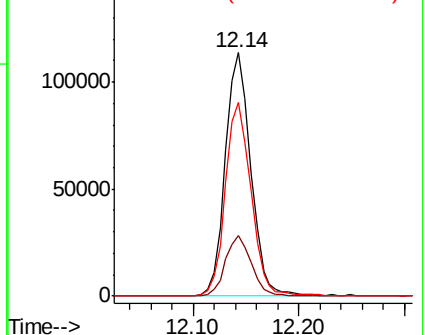
142 79.5 63.1 94.7

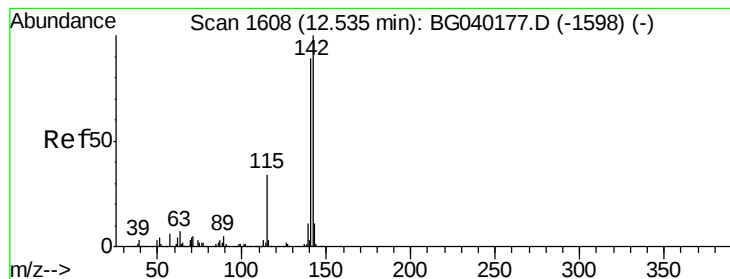


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.167 ng

RT: 12.52 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

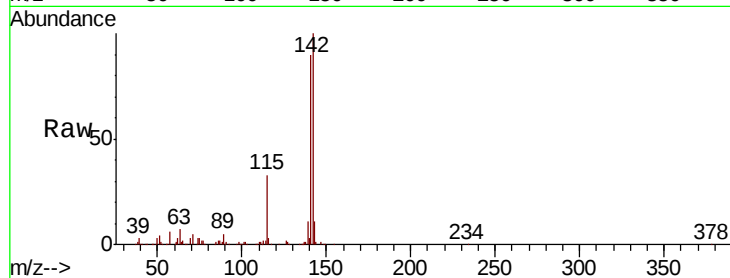
Tot Ion:142 Resp: 361496

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

115 33.2 27.3 40.9

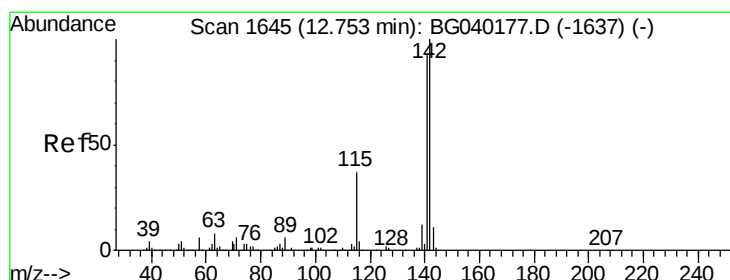
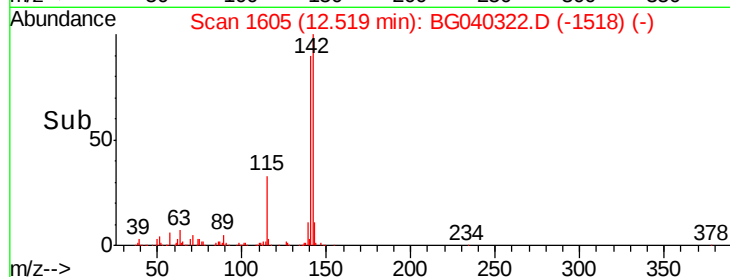
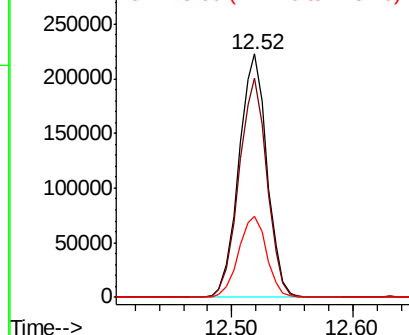


Abundance

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: 39.487 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

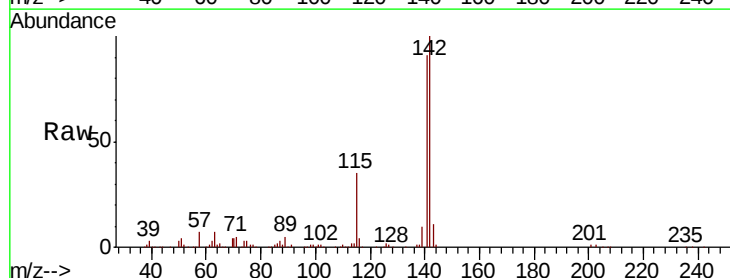
Tgt Ion:142 Resp: 344610

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4

116 3.9 3.0 4.4

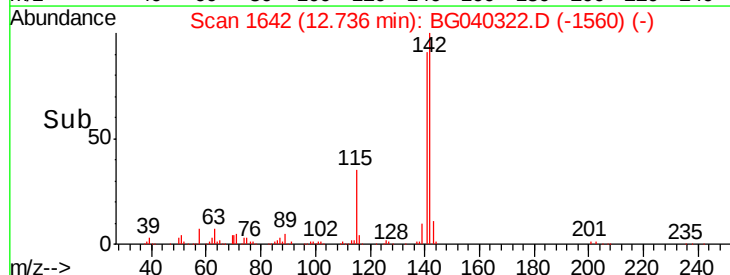
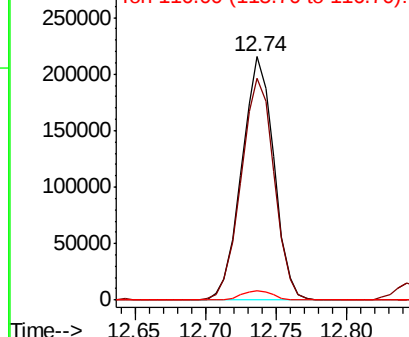


Abundance

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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

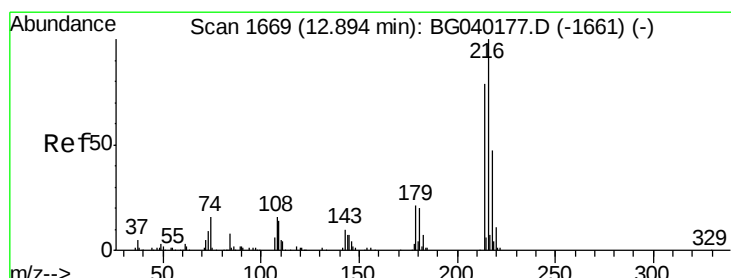
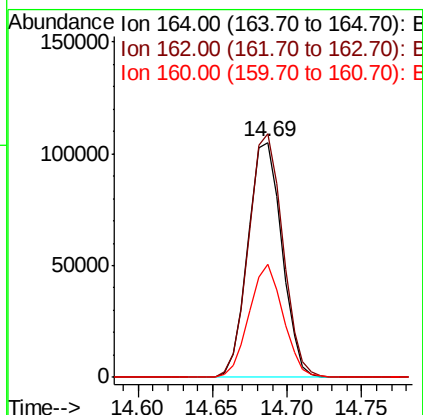
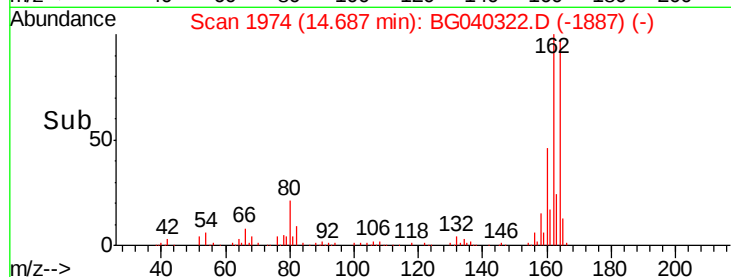
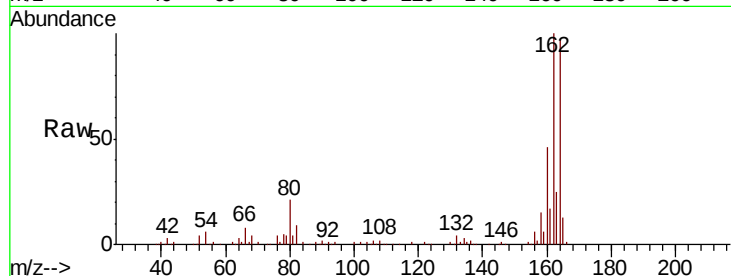
Tot Ion:164 Resp: 164880

Ion Ratio Lower Upper

164 100

162 103.5 77.4 116.2

160 48.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.023 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Tgt Ion:216 Resp: 183536

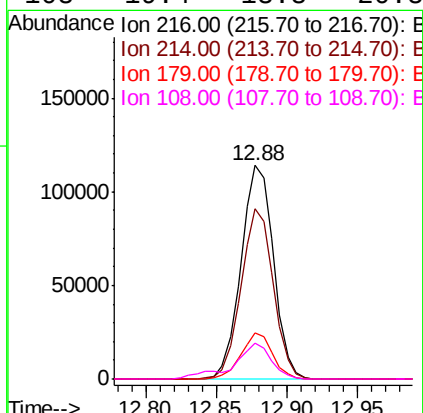
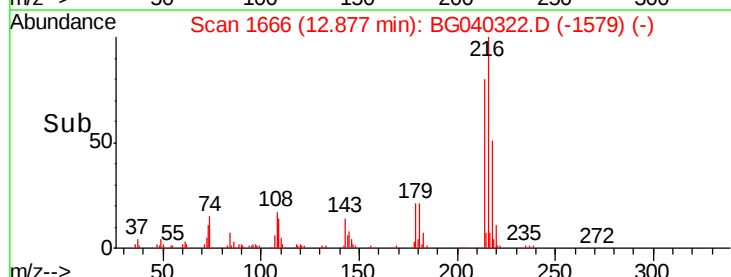
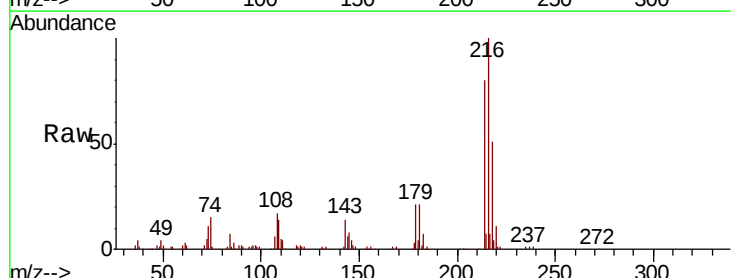
Ion Ratio Lower Upper

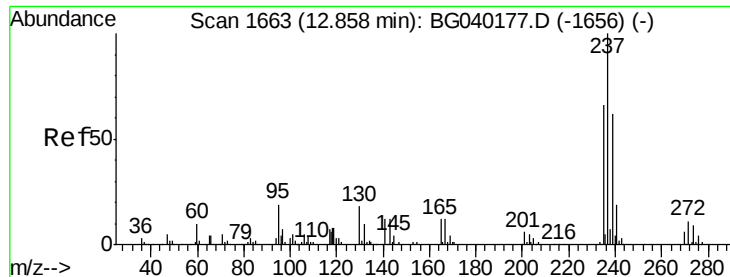
216 100

214 78.6 63.5 95.3

179 20.7 16.6 25.0

108 19.4 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 70.661 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

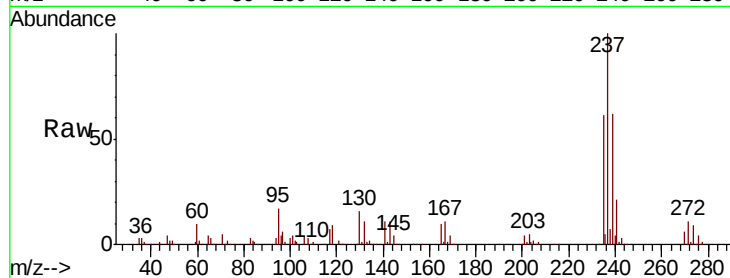
Tot Ion:237 Resp: 203320

Ion Ratio Lower Upper

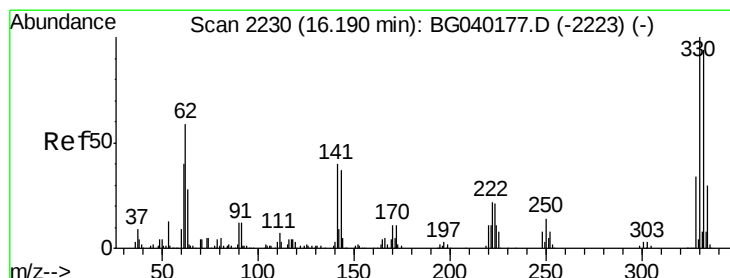
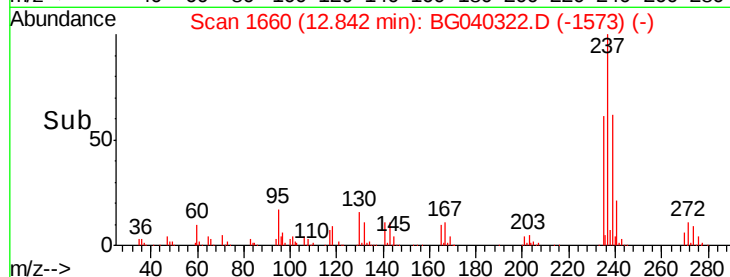
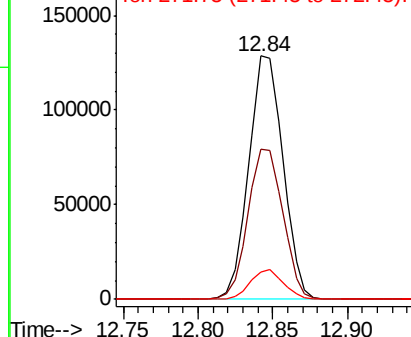
237 100

235 61.4 46.2 86.2

272 11.3 0.0 30.5



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: 134.023 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

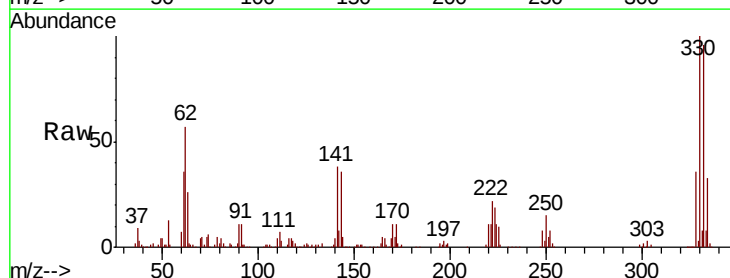
Tgt Ion:330 Resp: 238818

Ion Ratio Lower Upper

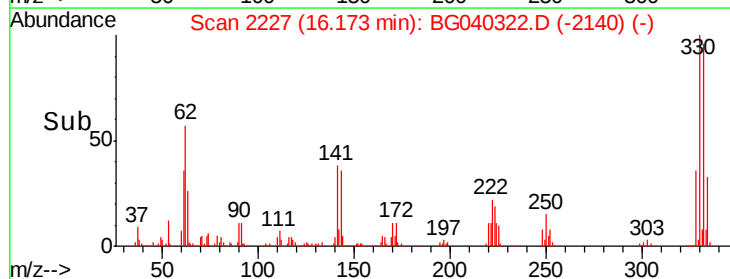
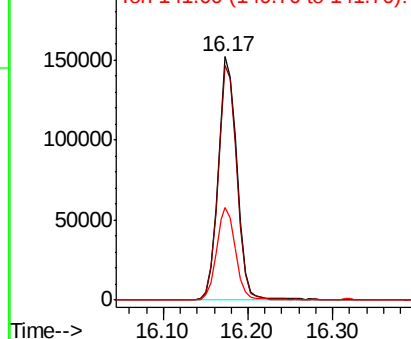
330 100

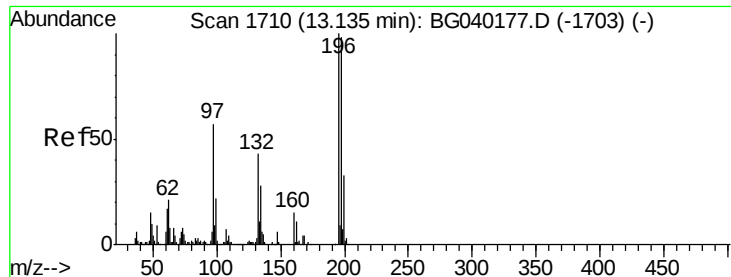
332 96.8 76.6 115.0

141 38.2 32.6 48.8



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

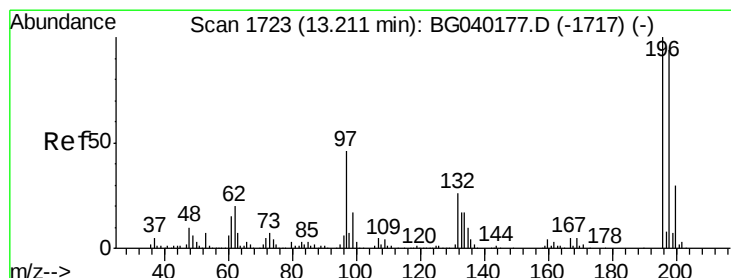
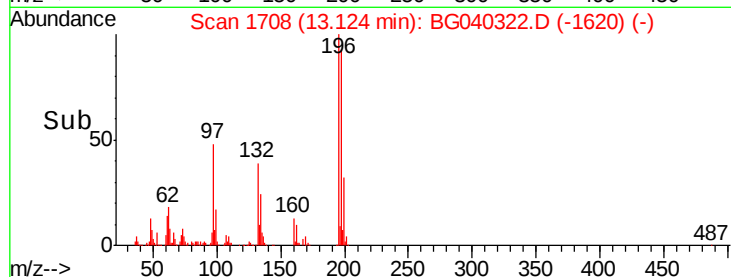
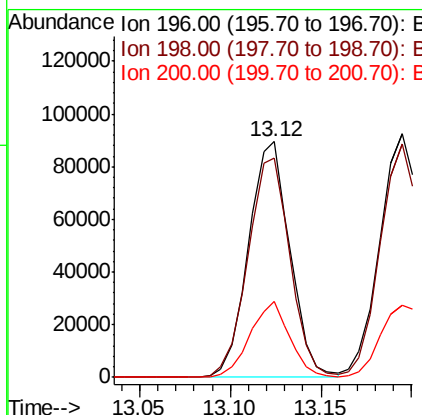
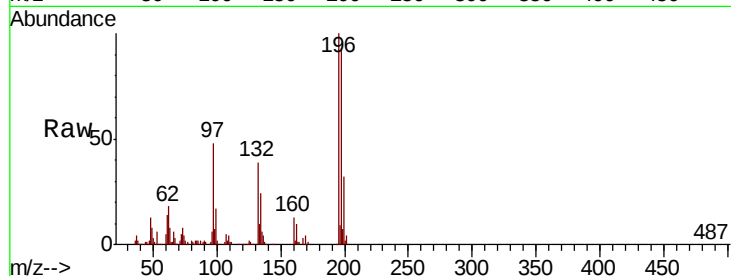




#43
 2,4,6-Trichlorophenol
 Concen: 41.935 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

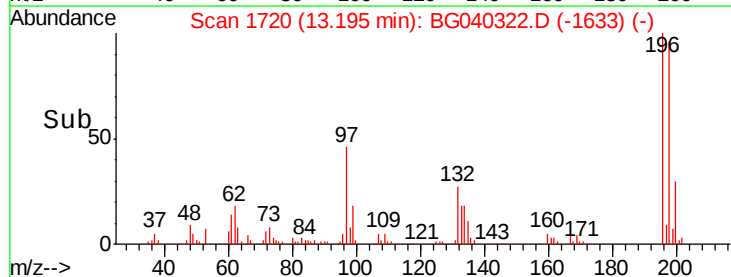
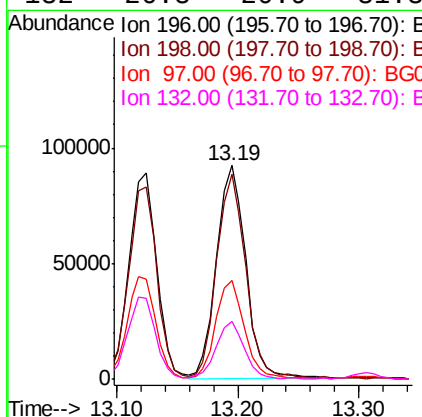
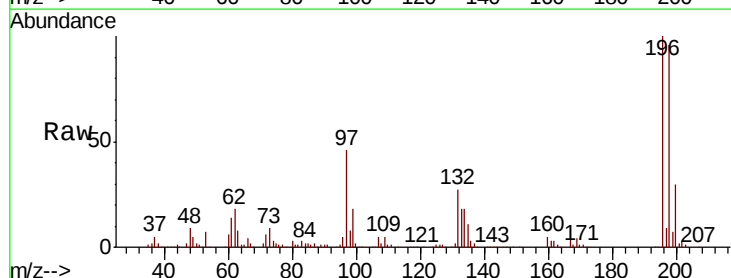
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 141684
 Ion Ratio Lower Upper
 196 100
 198 93.0 78.3 117.5
 200 32.5 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.907 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion:196 Resp: 154329
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.0 112.6
 97 46.4 37.3 55.9
 132 26.8 20.9 31.3

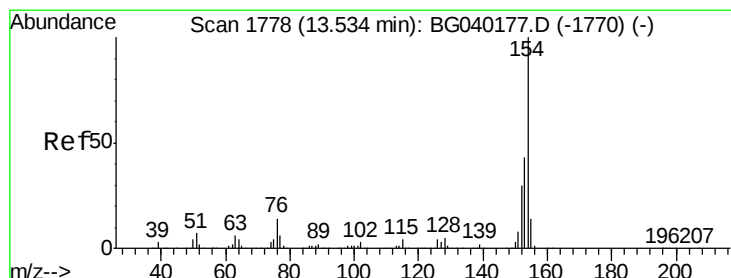
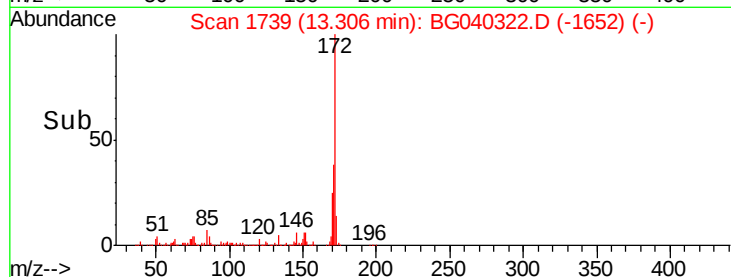
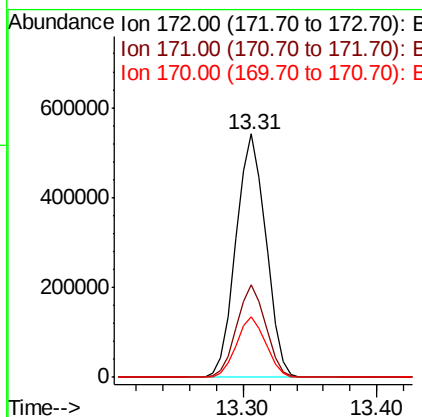
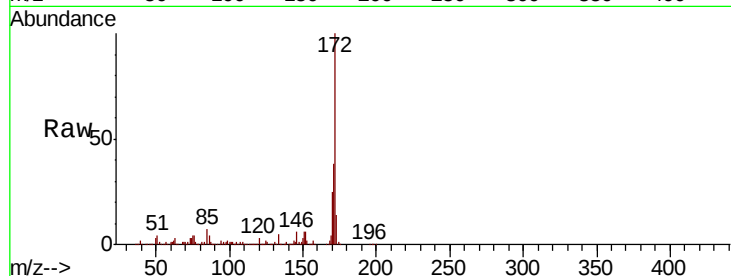




#45
2-Fluorobiphenyl
Concen: 75.559 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

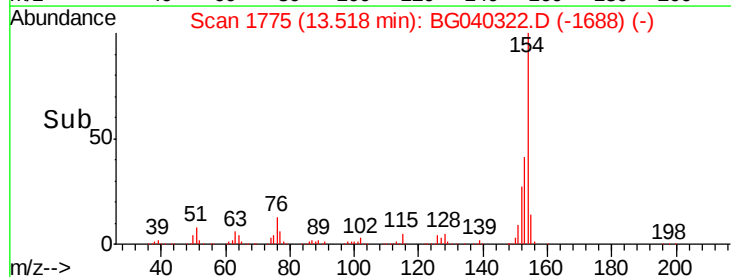
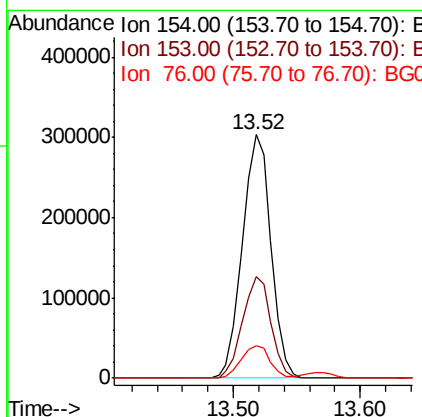
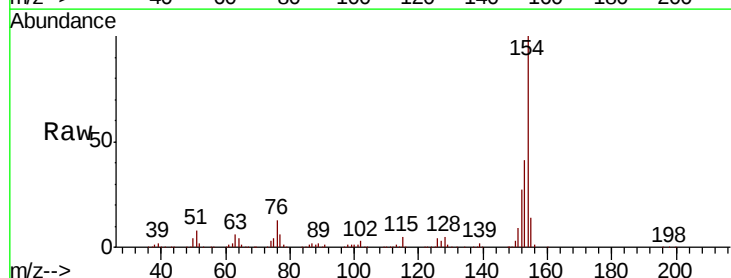
Instrument :
BNA_F
ClientSampleId :

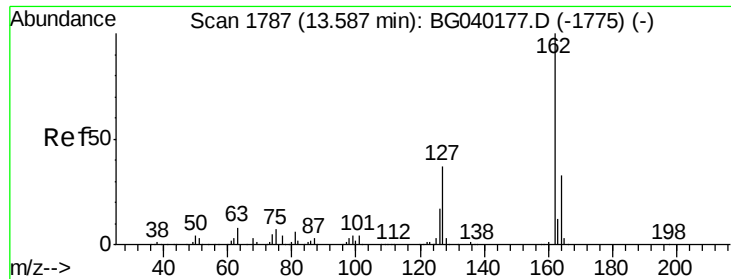
Tot Ion:172 Resp: 840767
Ion Ratio Lower Upper
172 100
171 38.2 30.5 45.7
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 36.361 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:154 Resp: 473699
Ion Ratio Lower Upper
154 100
153 41.5 22.5 62.5
76 13.2 0.0 33.7

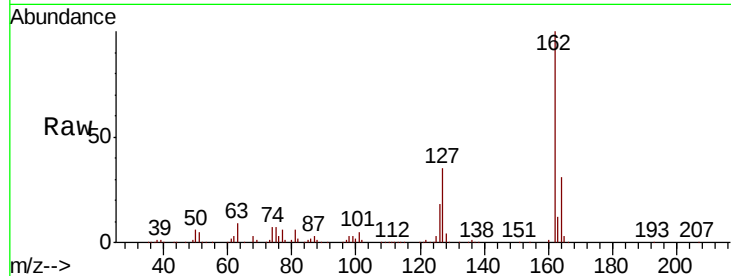




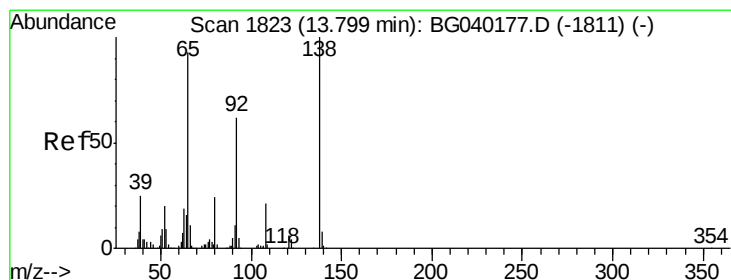
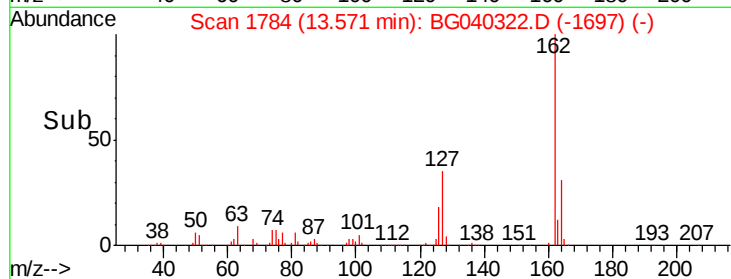
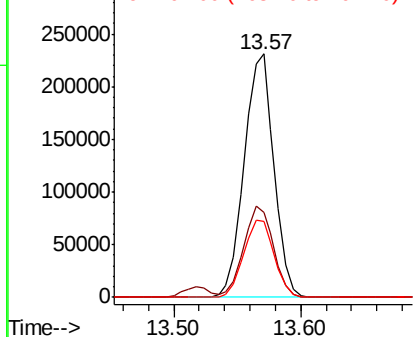
#47
 2-Chloronaphthalene
 Concen: 37.475 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.9	30.6	45.8
164	31.4	26.2	39.4

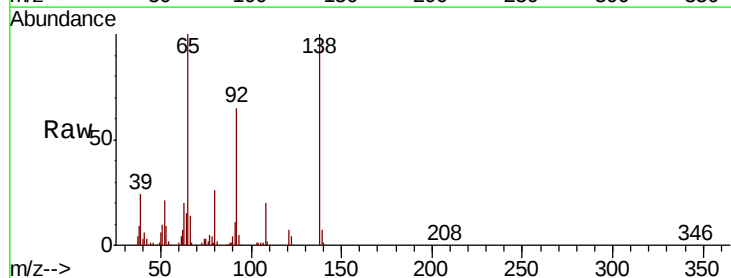


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

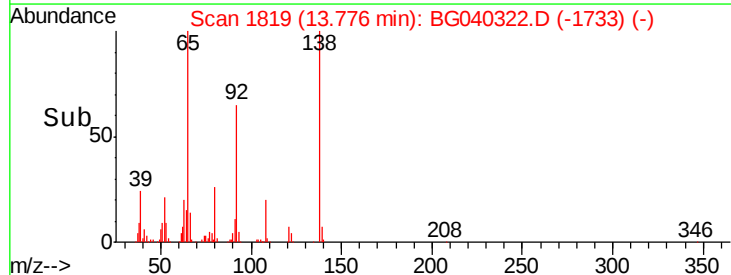
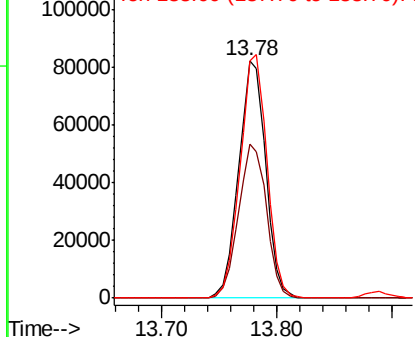


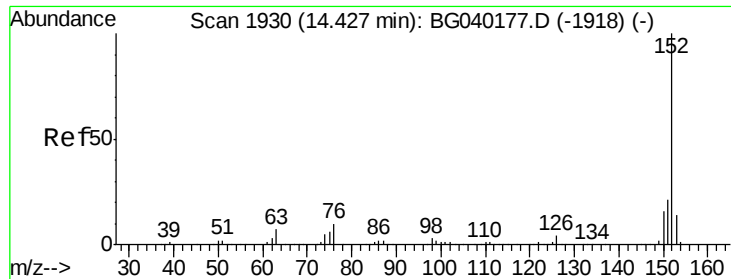
#48
 2-Nitroaniline
 Concen: 39.426 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.8	80.6
138	100.1	86.3	129.5



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.697 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

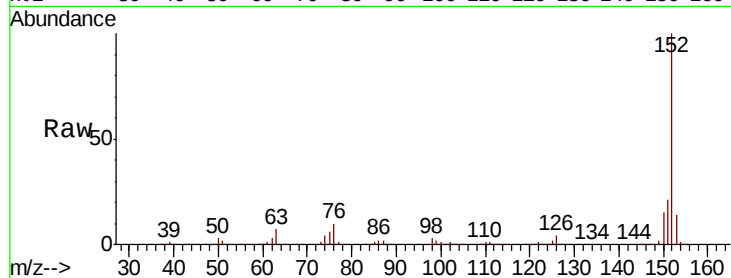
Tot Ion:152 Resp: 638706

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.6

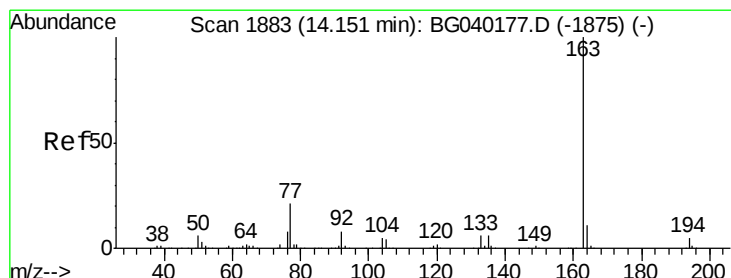
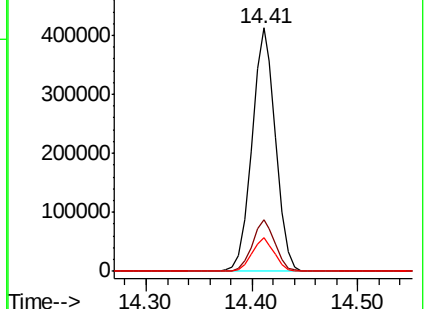
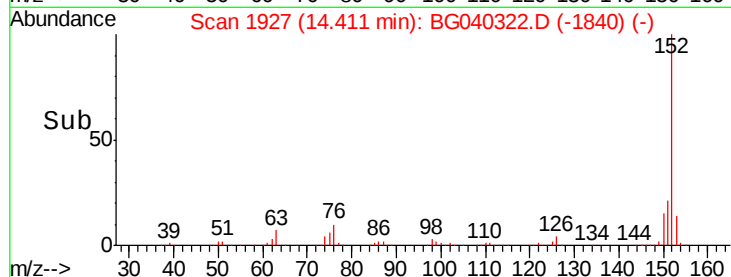
153 13.7 10.8 16.2



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: 38.729 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

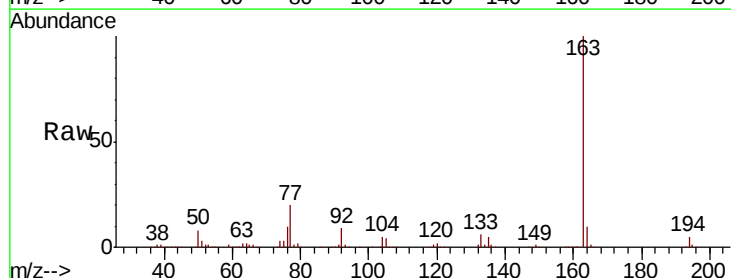
Tgt Ion:163 Resp: 499765

Ion Ratio Lower Upper

163 100

194 5.0 4.1 6.1

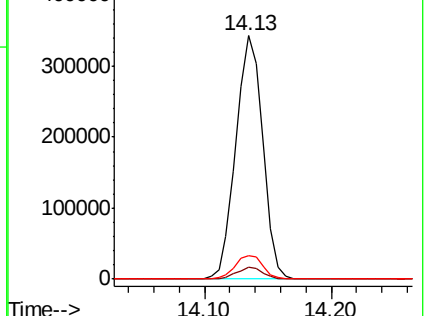
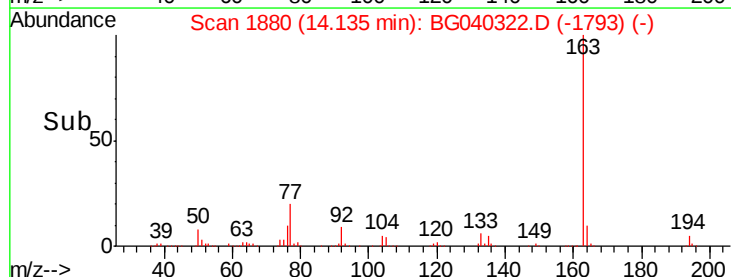
164 9.8 8.6 13.0

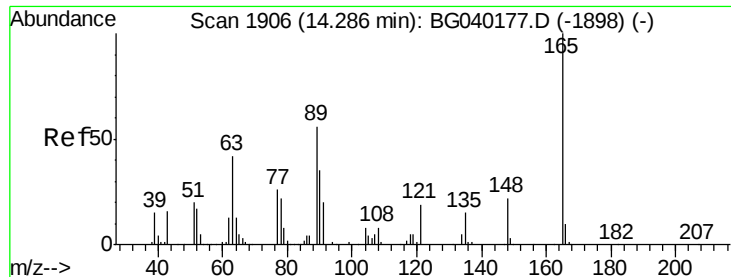


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

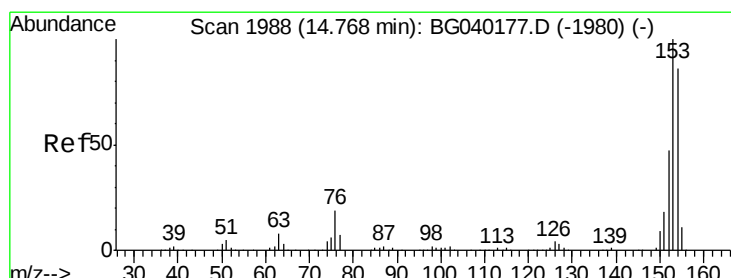
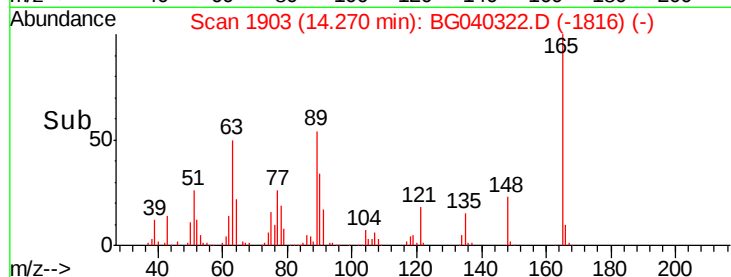
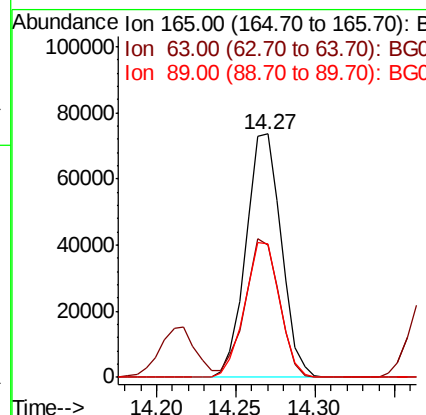
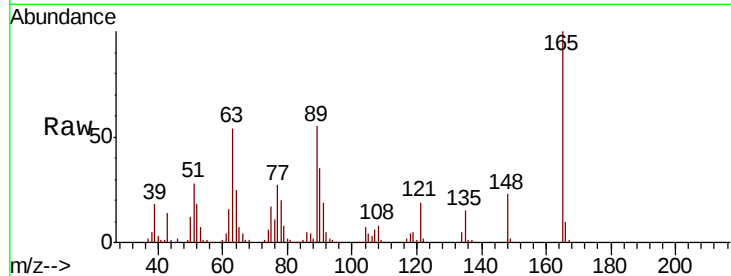




#51
 2,6-Dinitrotoluene
 Concen: 39.319 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

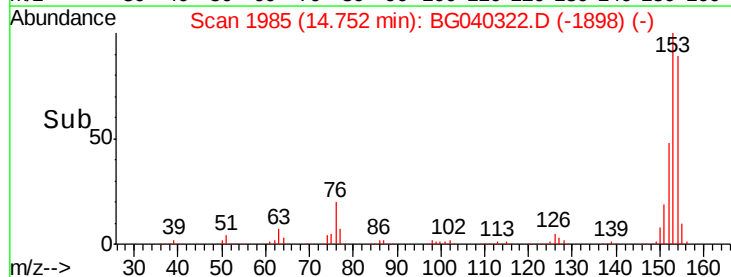
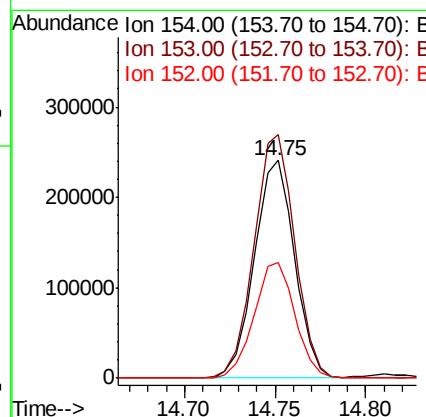
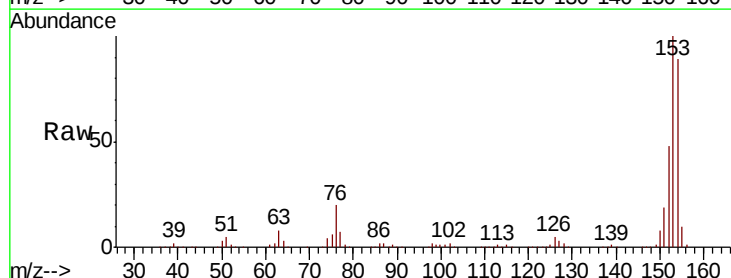
Instrument :
 BNA_F
 ClientSampled :

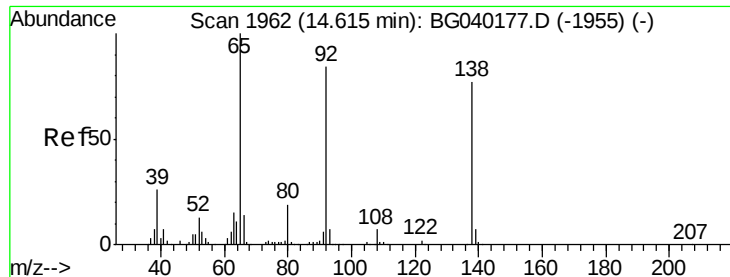
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.3	44.1	66.1
89	54.6	44.9	67.3



#52
 Acenaphthene
 Concen: 38.496 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	92.8	139.2
152	53.4	43.4	65.2

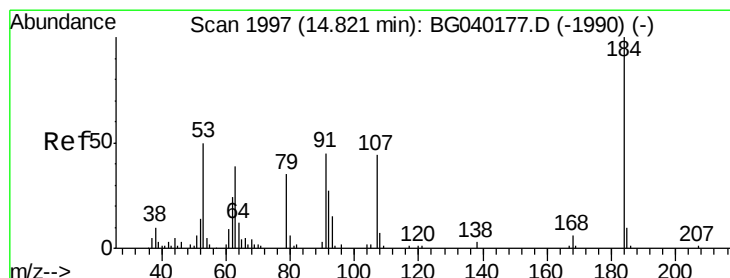
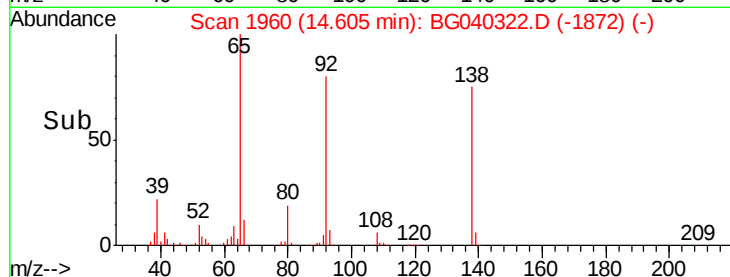
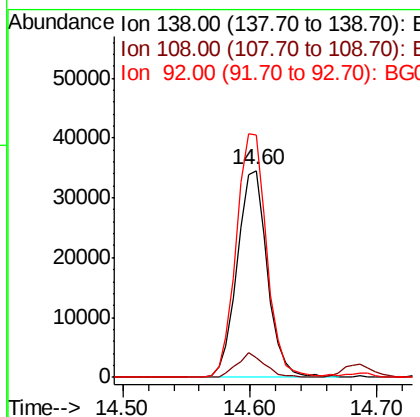
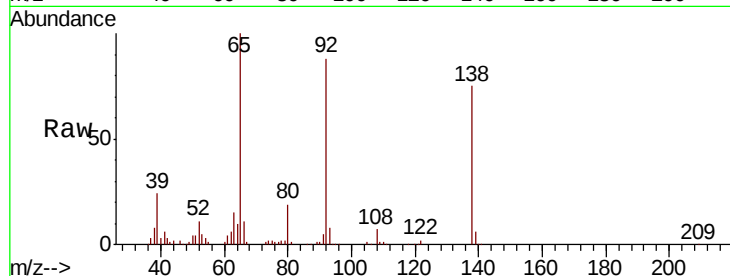




#53
 3-Nitroaniline
 Concen: 18.526 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

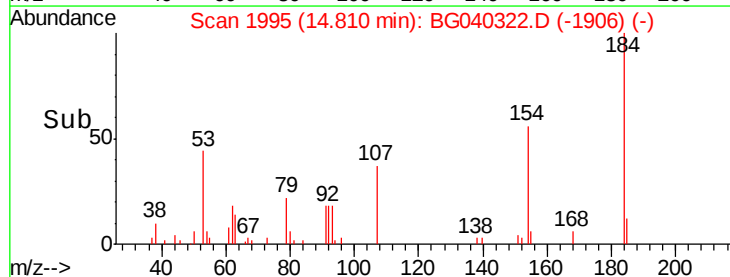
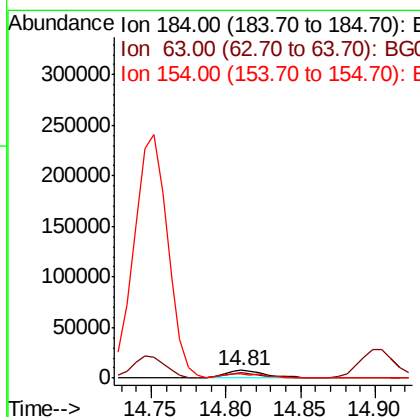
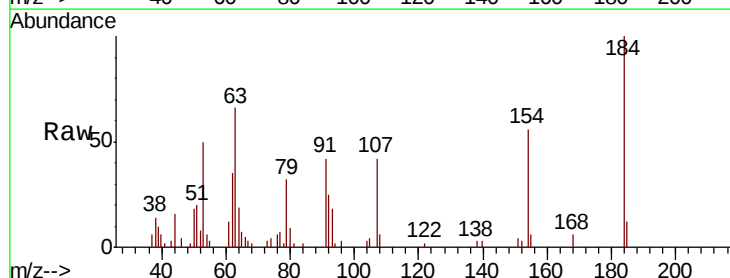
Instrument :
 BNA_F
 ClientSampled :

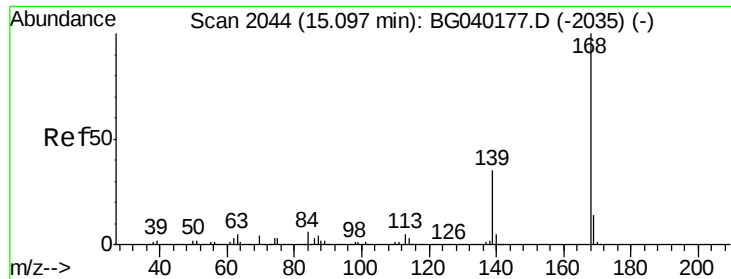
Tot Ion:138 Resp: 56820
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.8
 92 117.2 87.5 131.3



#54
 2,4-Dinitrophenol
 Concen: 10.586 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion:184 Resp: 16312
 Ion Ratio Lower Upper
 184 100
 63 66.0 51.8 77.8
 154 56.2 50.9 76.3

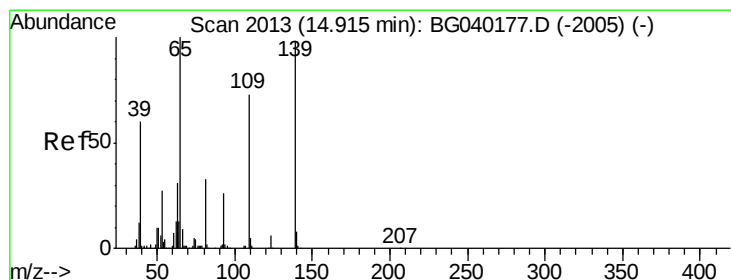
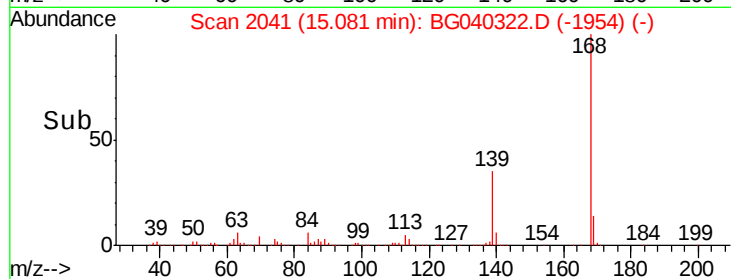
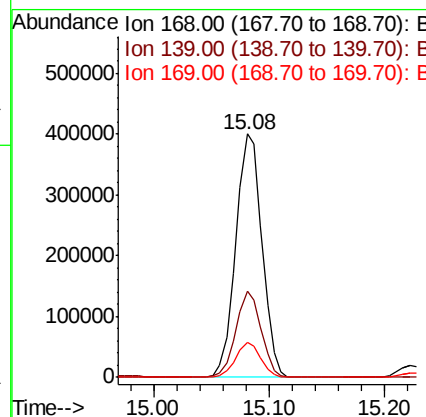
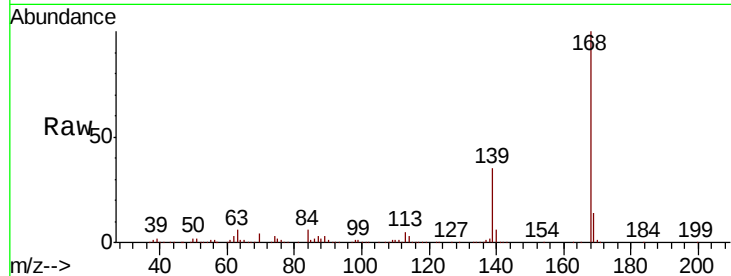




#55
Dibenzofuran
Concen: 40.155 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

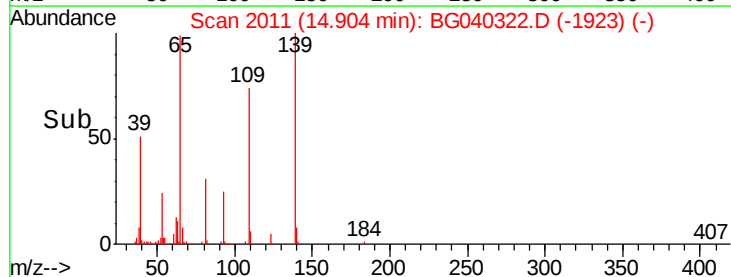
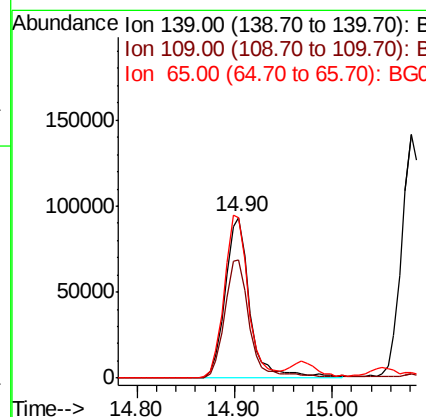
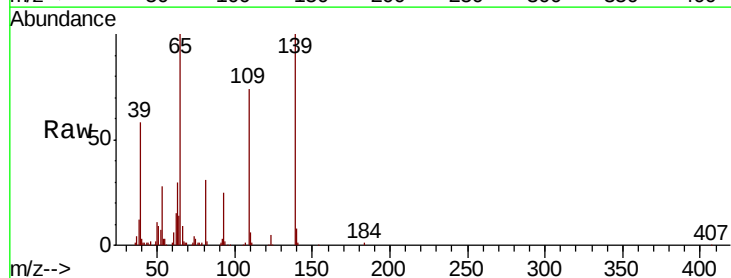
Instrument :
BNA_F
ClientSampleId :

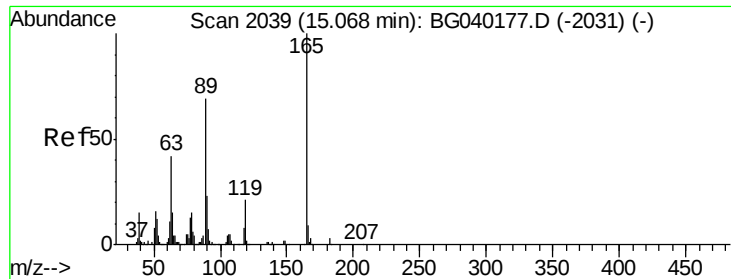
Tot Ion:168 Resp: 626432
Ion Ratio Lower Upper
168 100
139 35.3 27.9 41.9
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 66.273 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:139 Resp: 164049
Ion Ratio Lower Upper
139 100
109 73.9 54.3 94.3
65 99.5 82.5 122.5

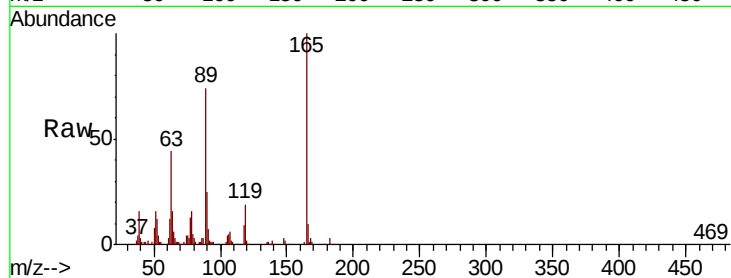




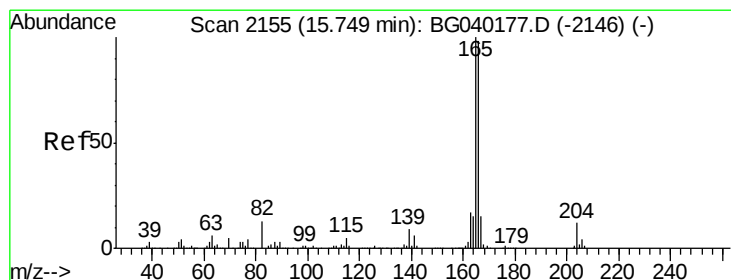
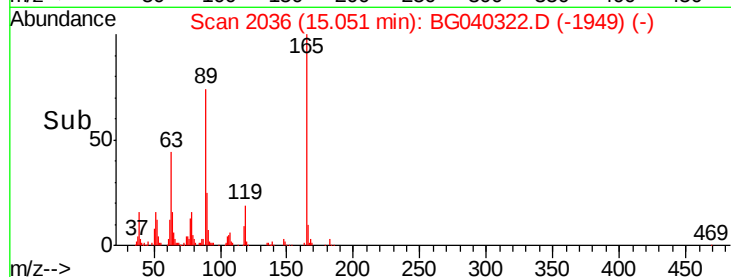
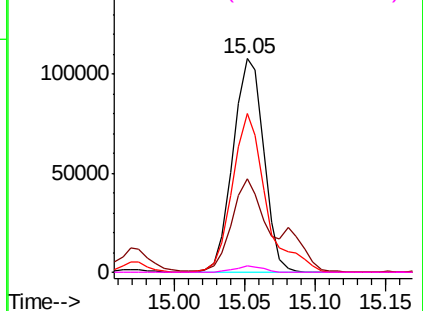
#57
2,4-Dinitrotoluene
Concen: 40.723 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 163951
Ion Ratio Lower Upper
165 100
63 43.7 33.8 50.6
89 74.2 55.4 83.2
182 2.9 2.2 3.4

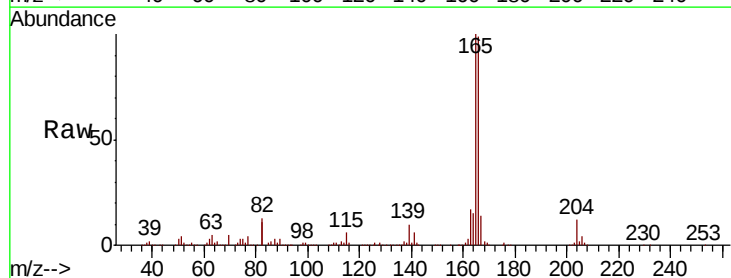


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

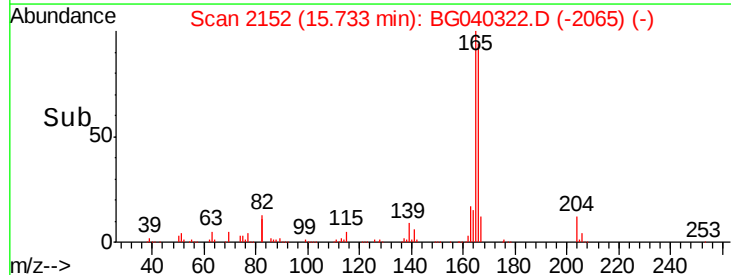
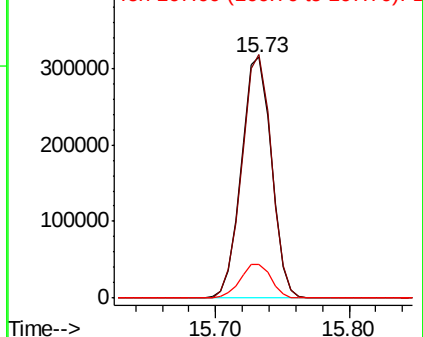


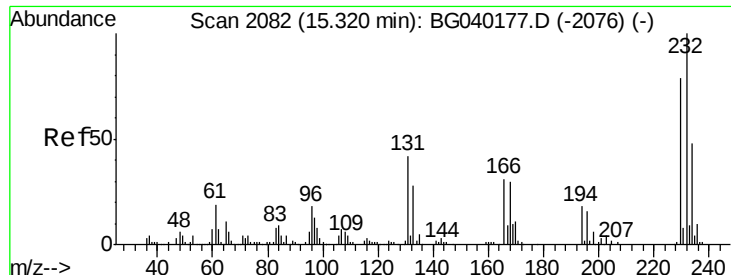
#58
Fluorene
Concen: 39.745 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:166 Resp: 487479
Ion Ratio Lower Upper
166 100
165 101.1 81.7 122.5
167 14.2 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

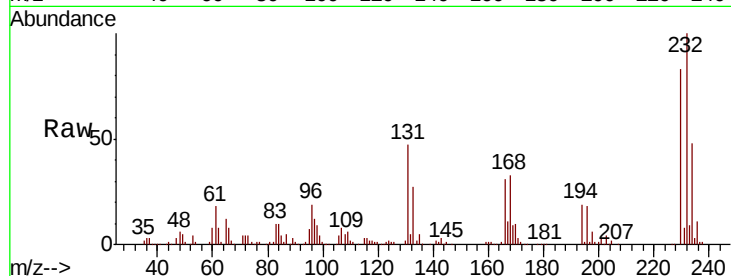




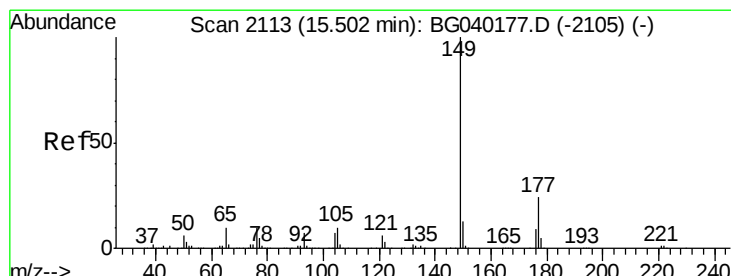
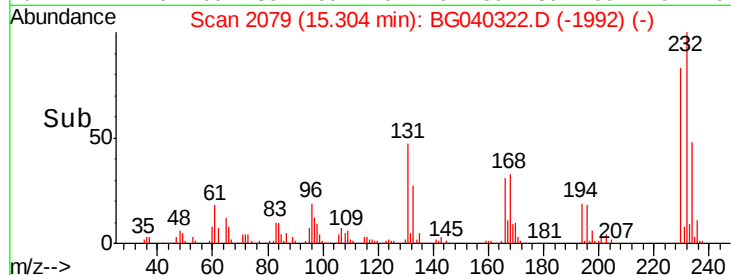
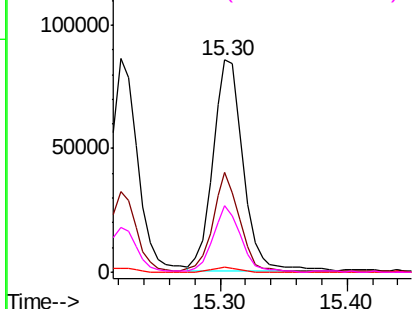
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.338 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	141486
Ion Ratio	Lower	Upper
232	100	
131	40.7	32.9 49.3
130	2.1	1.8 2.8
166	28.8	23.5 35.3

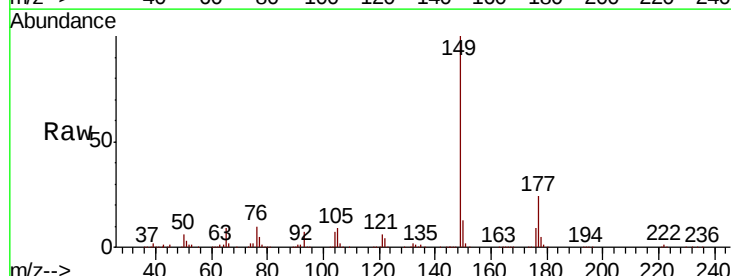


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

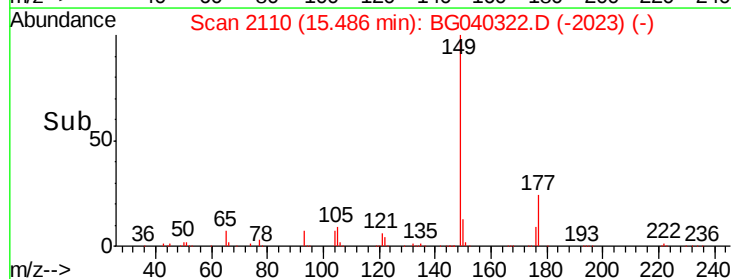
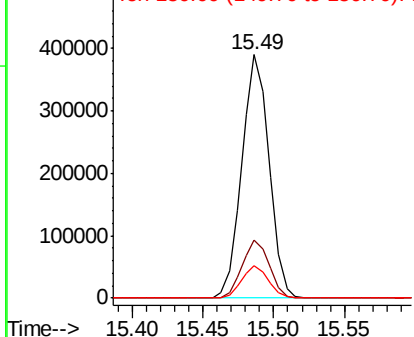


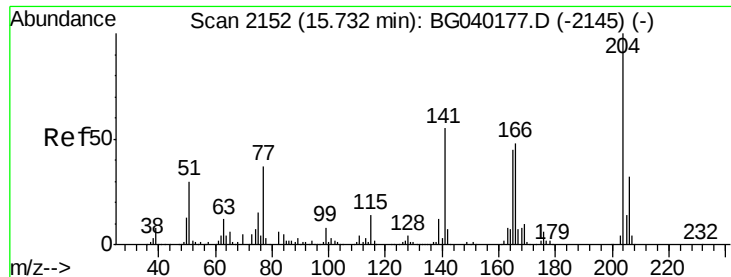
#60
 Diethylphthalate
 Concen: 39.813 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion:149	Resp:	525726
Ion Ratio	Lower	Upper
149	100	
177	23.7	19.1 28.7
150	13.4	10.6 15.8



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

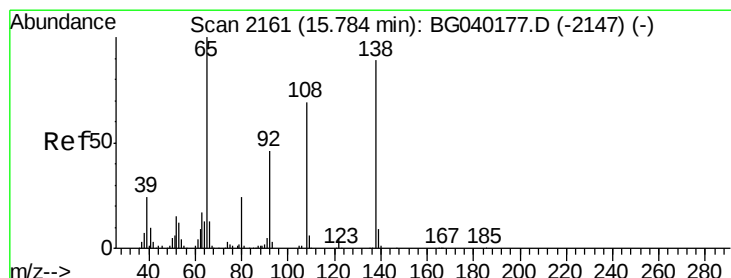
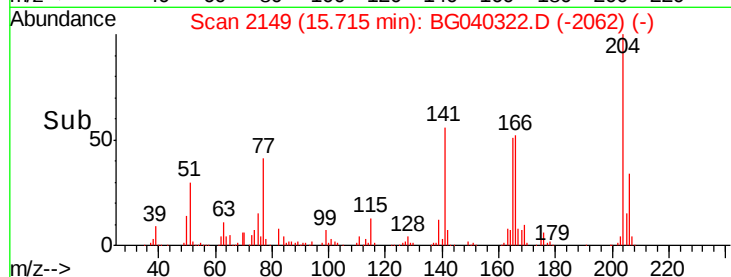
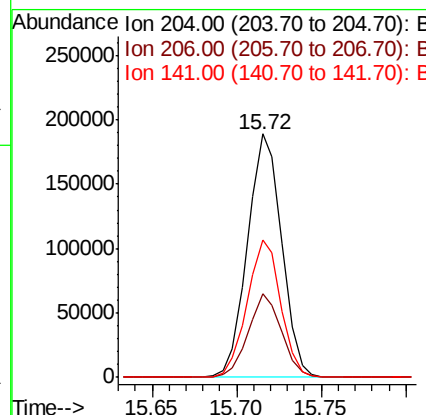
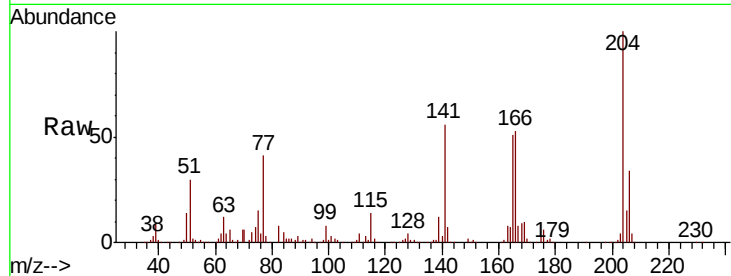




#61
4-Chlorophenyl-phenylether
Concen: 40.520 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

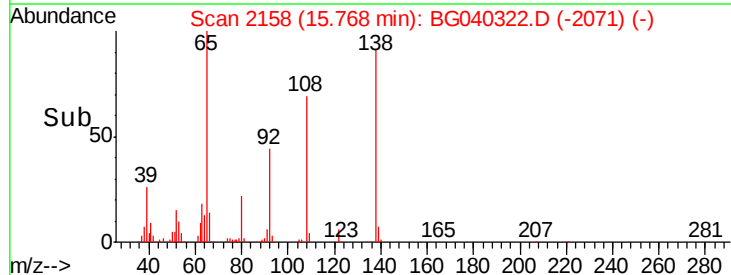
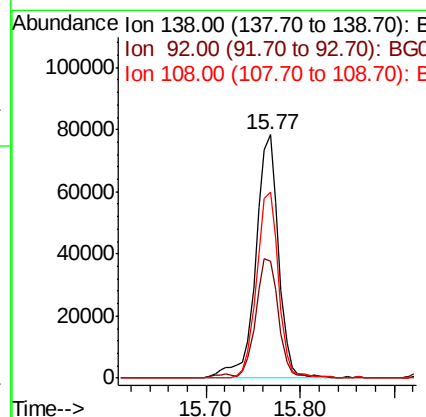
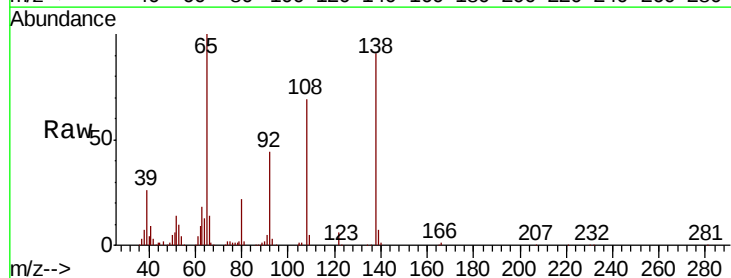
Instrument :
BNA_F
ClientSampled :

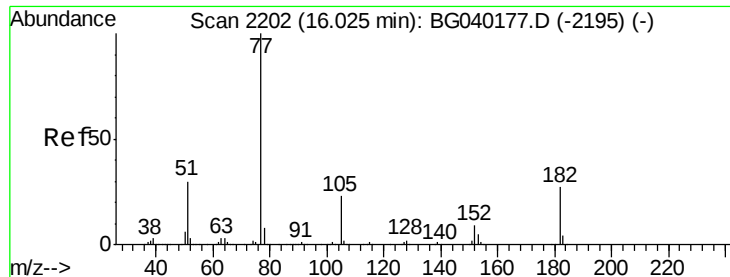
Tot Ion:204 Resp: 265652
Ion Ratio Lower Upper
204 100
206 34.2 25.7 38.5
141 56.3 44.0 66.0



#62
4-Nitroaniline
Concen: 40.019 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:138 Resp: 131721
Ion Ratio Lower Upper
138 100
92 48.3 31.8 71.8
108 76.2 57.2 97.2





#63

Azobenzene

Concen: 40.036 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 498664

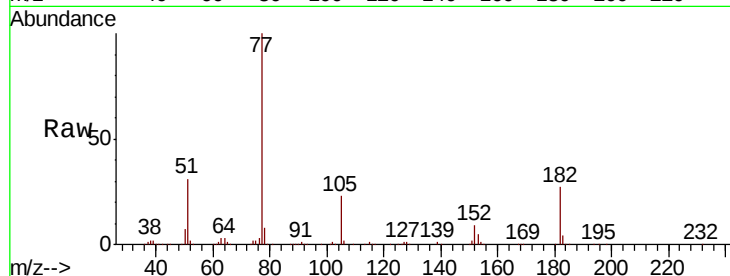
Ion Ratio Lower Upper

77 100

182 27.4 7.2 47.2

105 22.6 2.8 42.8

51 31.3 10.4 50.4

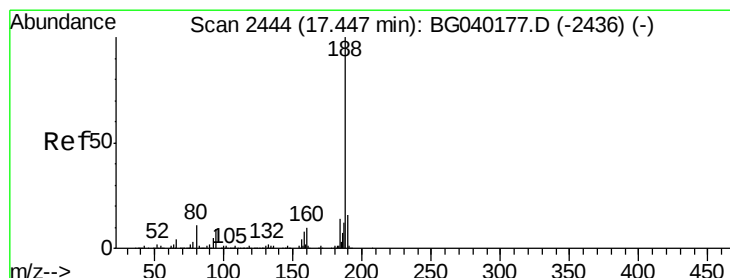
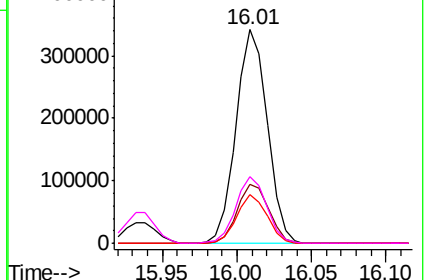
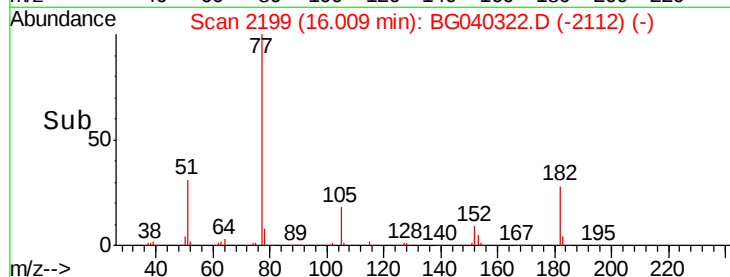


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

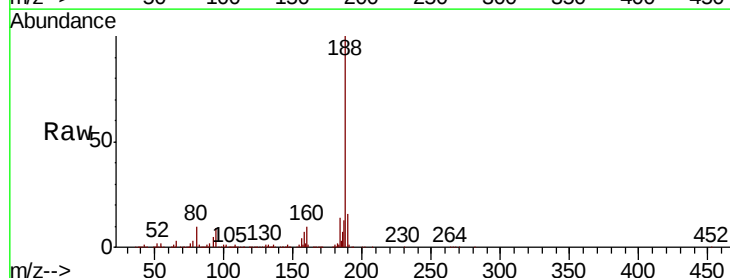
Tgt Ion: 188 Resp: 418759

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

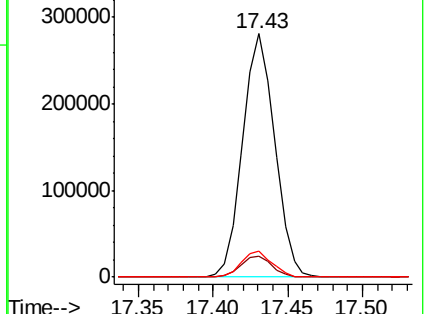
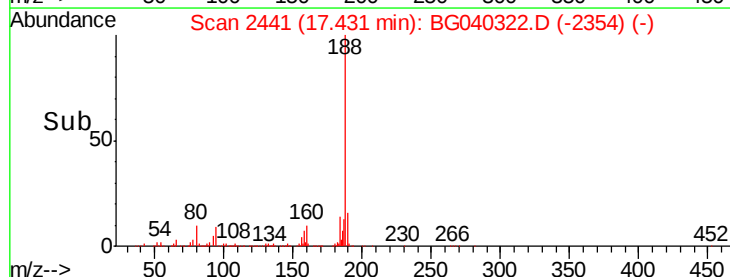
80 10.4 8.6 13.0

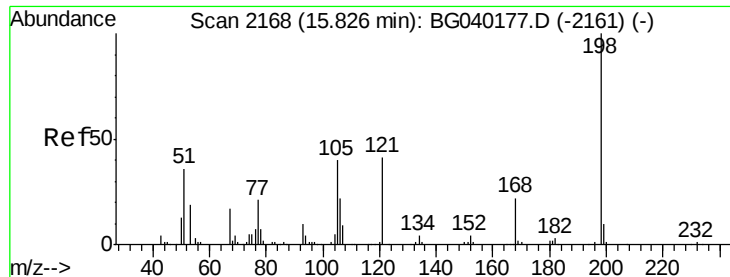


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 15.752 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

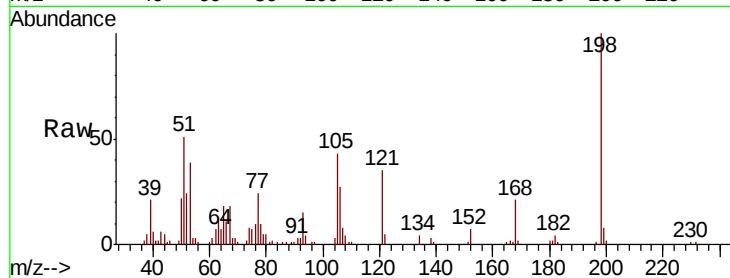
Tot Ion:198 Resp: 37059

Ion Ratio Lower Upper

198 100

51 50.9 27.3 67.3

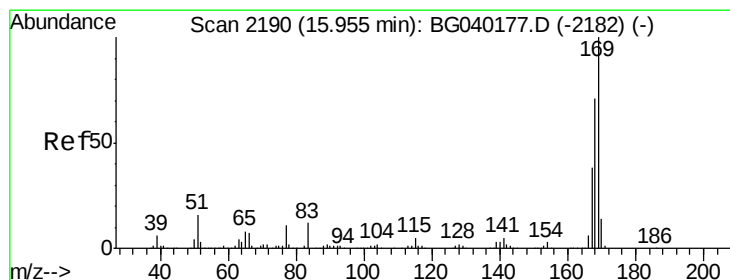
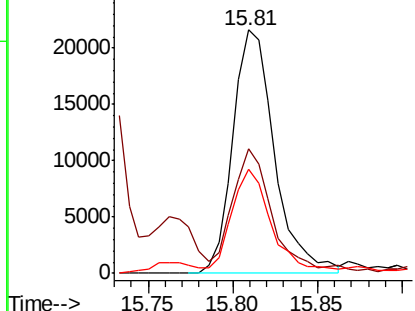
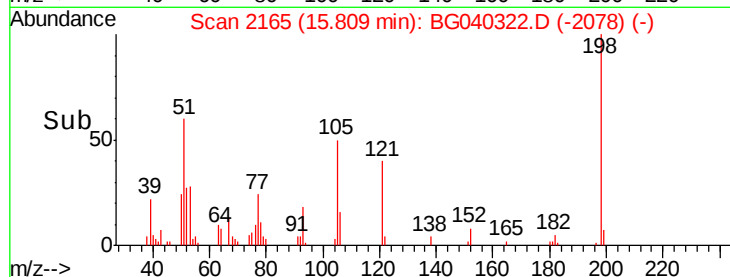
105 42.7 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.804 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

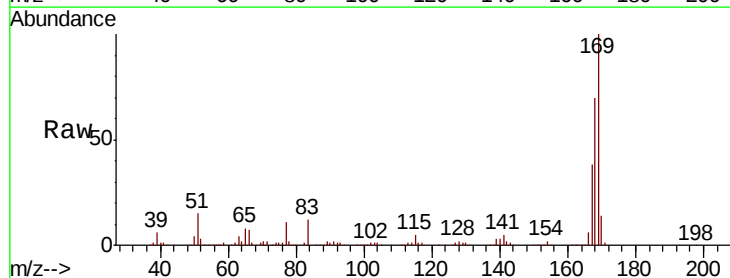
Tgt Ion:169 Resp: 463255

Ion Ratio Lower Upper

169 100

168 70.1 56.8 85.2

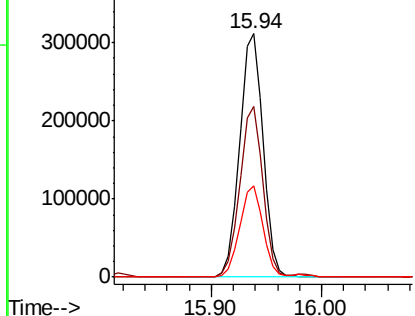
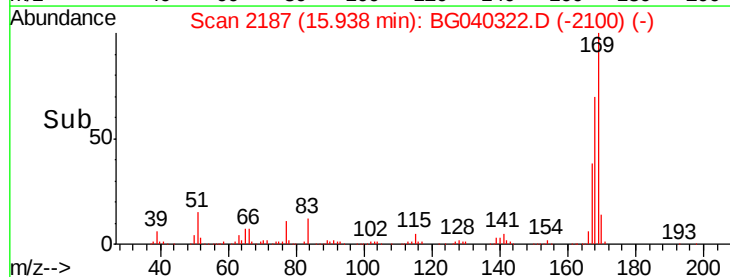
167 37.5 30.2 45.4

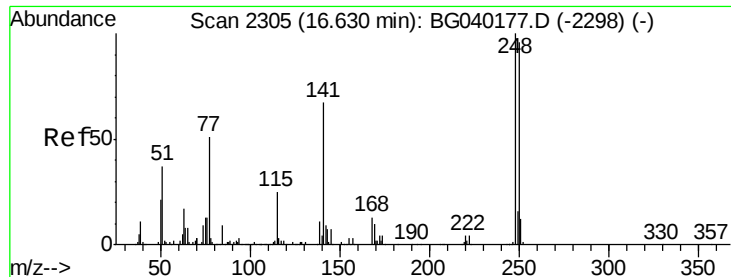


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

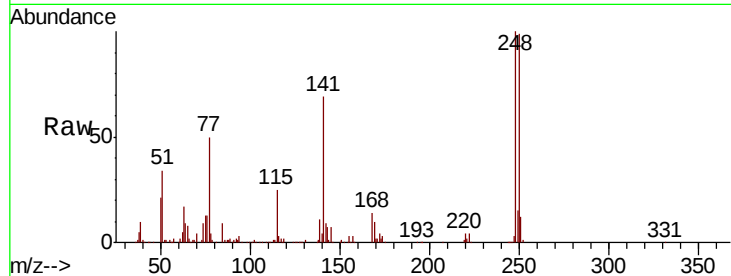




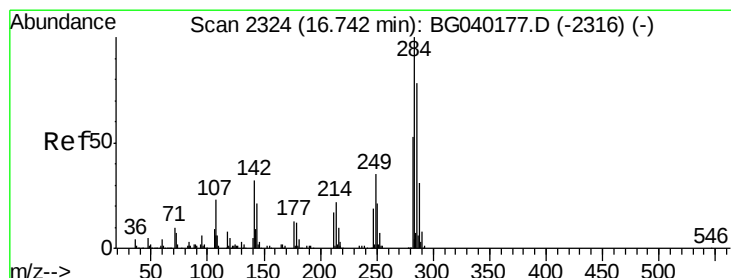
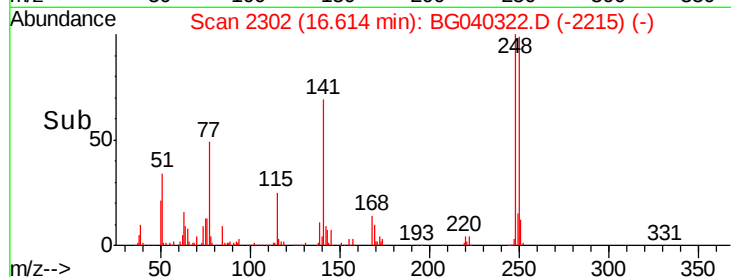
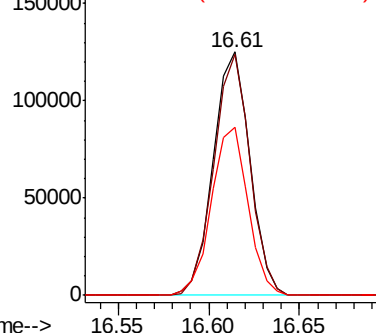
#67
4-Bromophenyl-phenylether
Concen: 37.320 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 175871
Ion Ratio Lower Upper
248 100
250 99.1 76.4 114.6
141 68.9 53.8 80.8

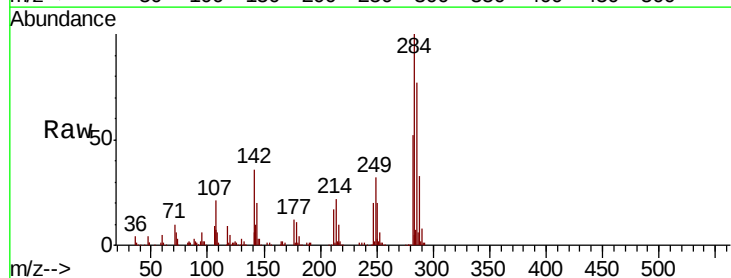


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

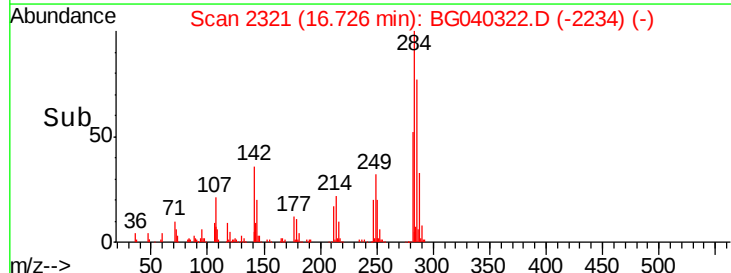
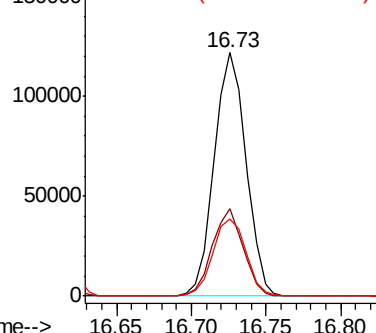


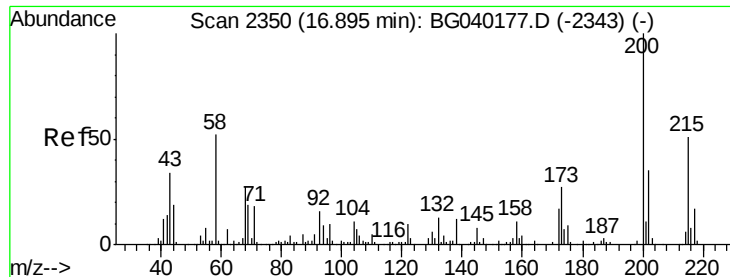
#68
Hexachlorobenzene
Concen: 37.813 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:284 Resp: 179167
Ion Ratio Lower Upper
284 100
142 35.8 25.3 37.9
249 31.6 28.2 42.2



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

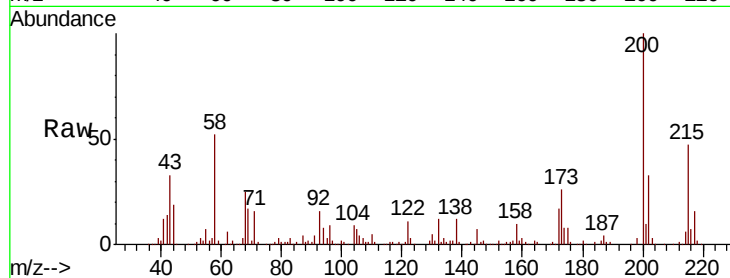




#69
 Atrazine
 Concen: 34.428 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.1	47.1
215	47.2	30.9	70.9

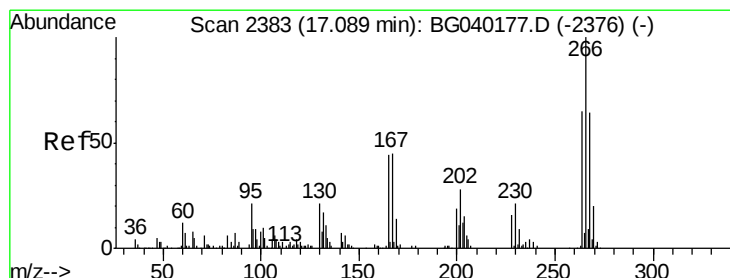
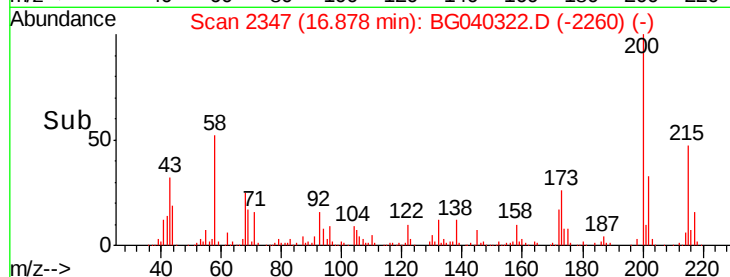
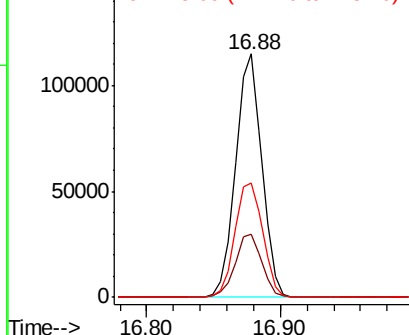


Abundance

Ion 200.00 (199.70 to 200.70): E

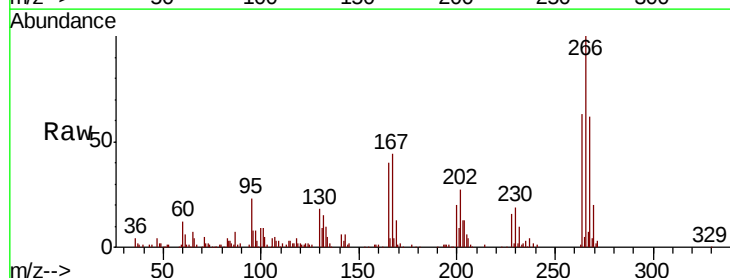
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 43.590 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	55.0	82.4
264	63.2	51.8	77.8

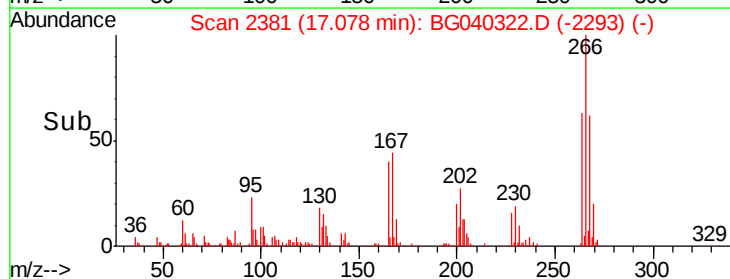
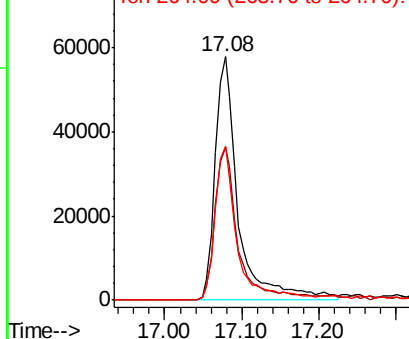


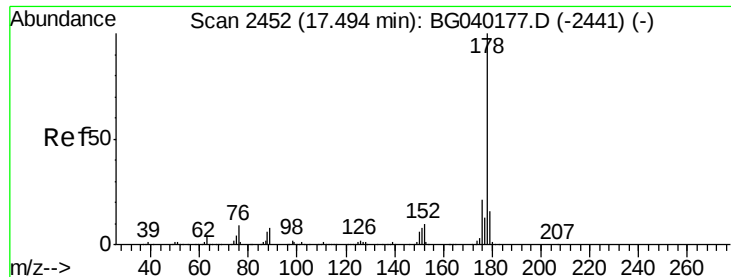
Abundance

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

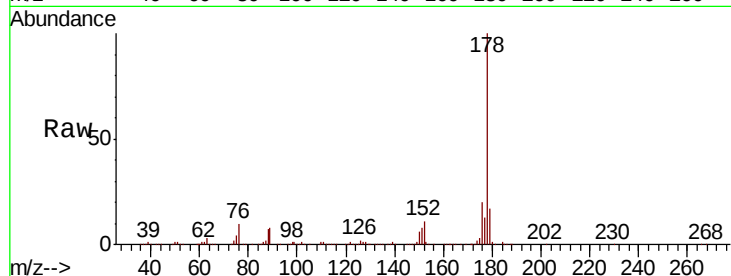




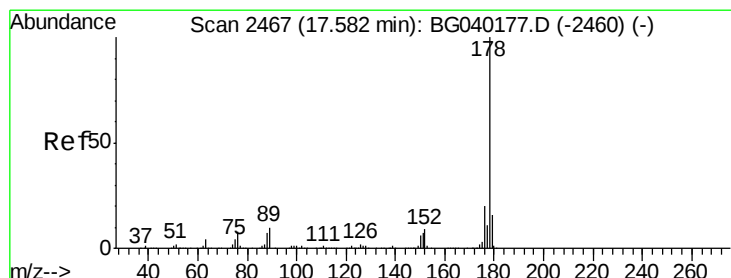
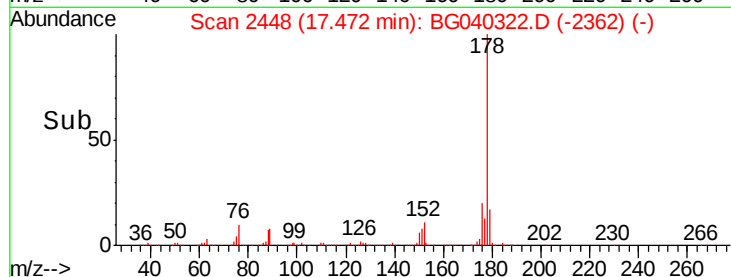
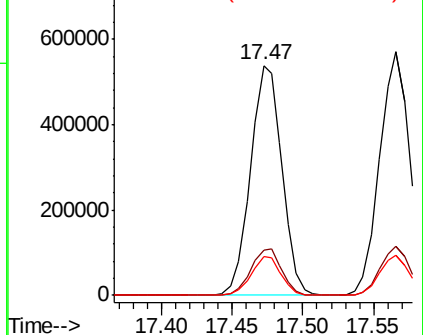
#71
Phenanthrene
Concen: 38.223 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 841322
Ion Ratio Lower Upper
178 100
176 19.8 16.7 25.1
179 16.7 12.8 19.2

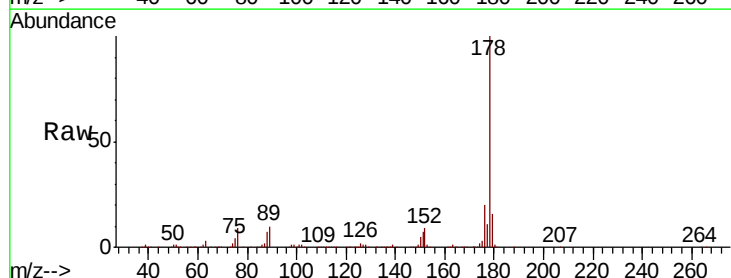


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

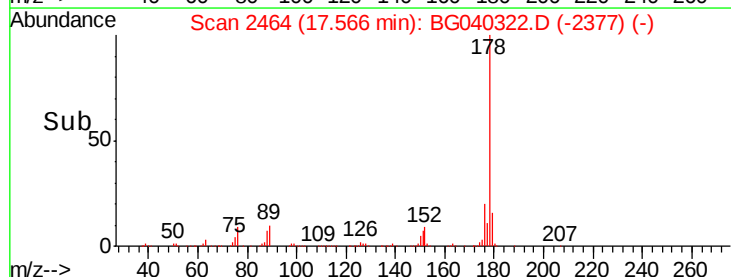
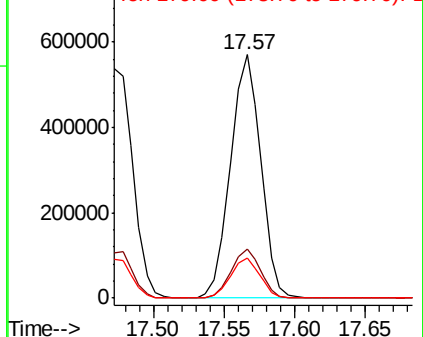


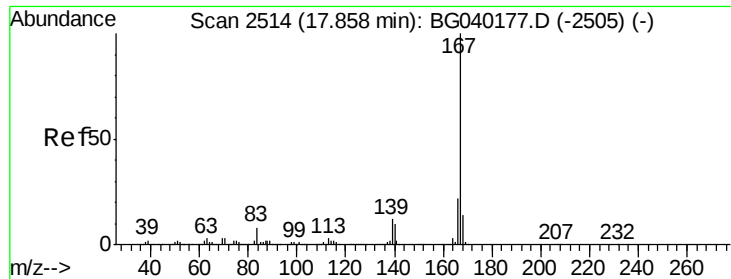
#72
Anthracene
Concen: 38.527 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:178 Resp: 848793
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.4 12.9 19.3



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

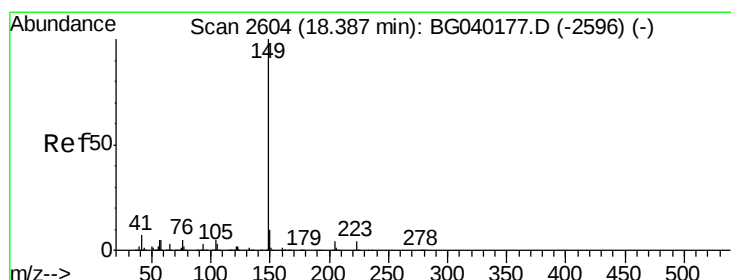
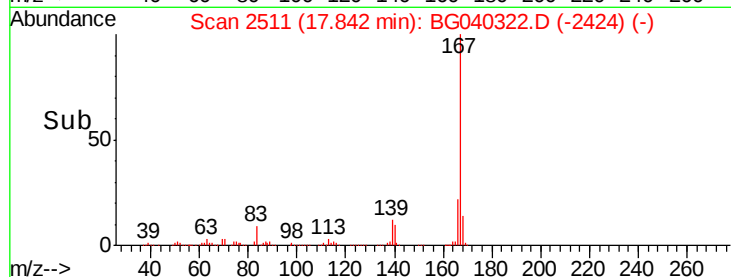
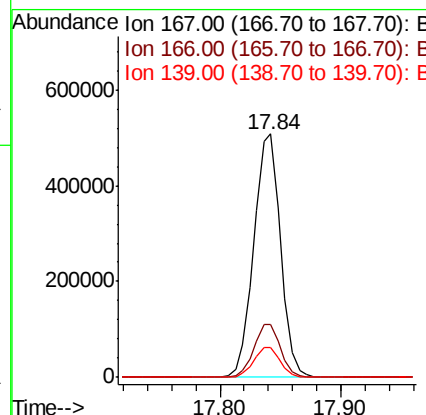
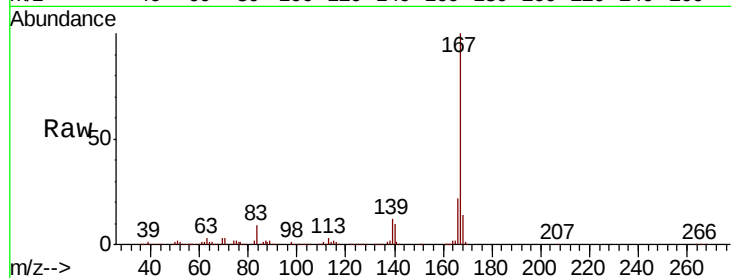




#73
 Carbazole
 Concen: 37.516 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

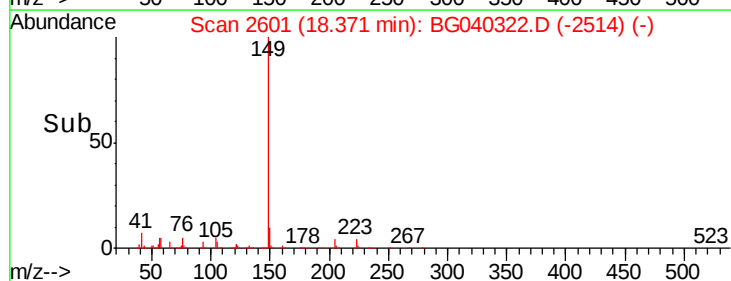
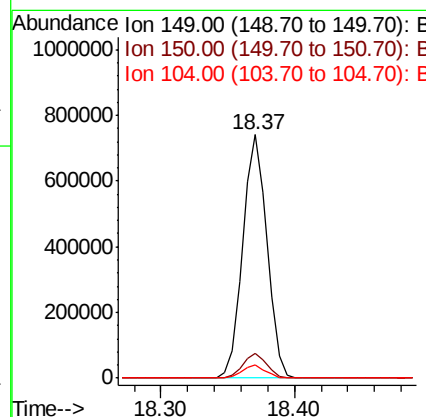
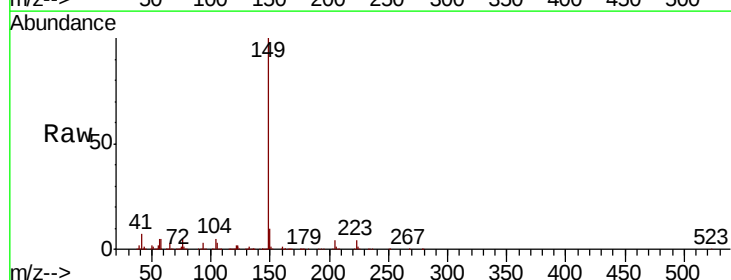
Instrument :
 BNA_F
 ClientSampleId :

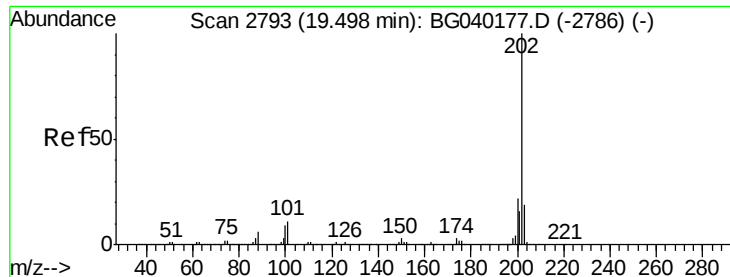
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.1	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 37.592 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BG040322.D
 Acq: 3 Apr 2019 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	5.3	4.1	6.1





#75

Fluoranthene

Concen: 37.998 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

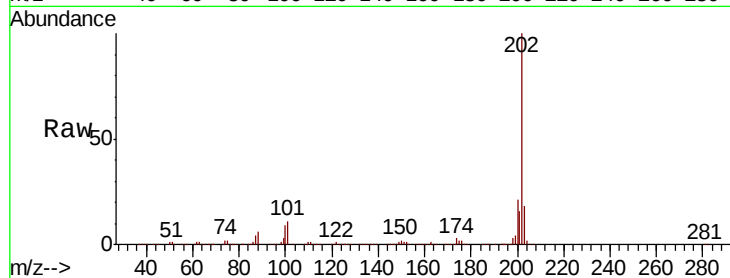
Tot Ion:202 Resp: 990351

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.8

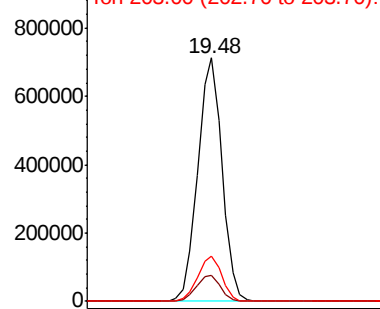
203 18.5 0.0 38.9



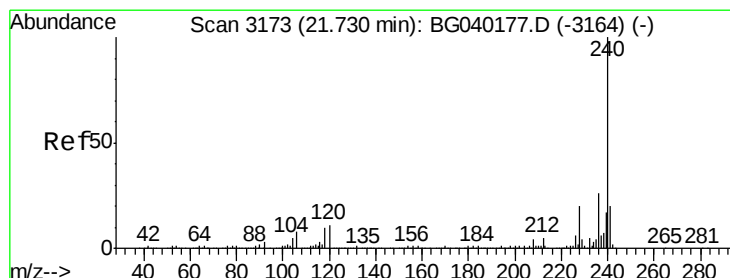
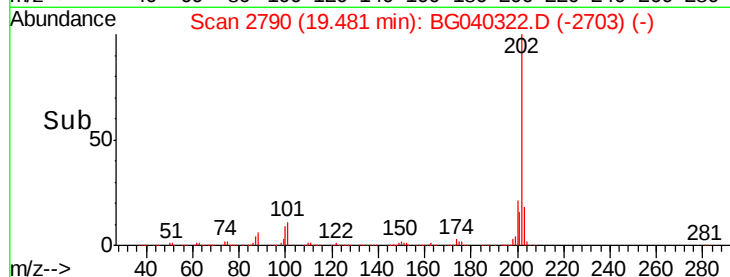
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

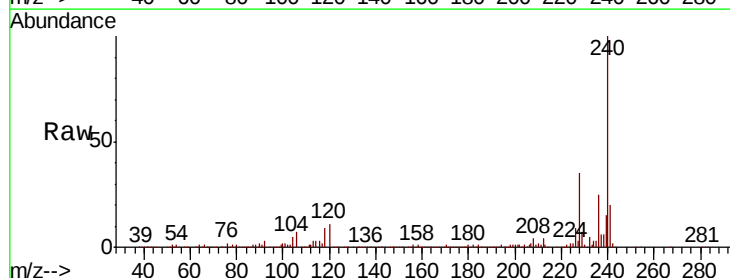
Tgt Ion:240 Resp: 401386

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

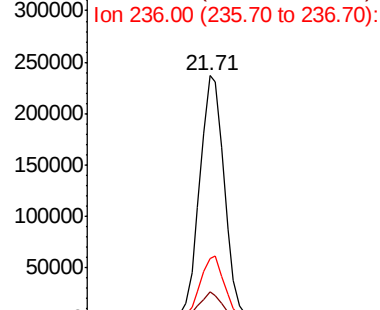
236 25.1 20.8 31.2



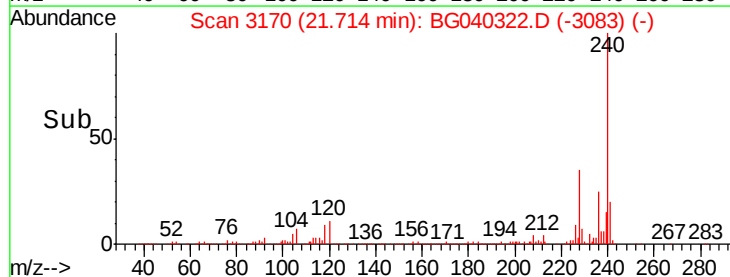
Abundance Ion 240.00 (239.70 to 240.70): E

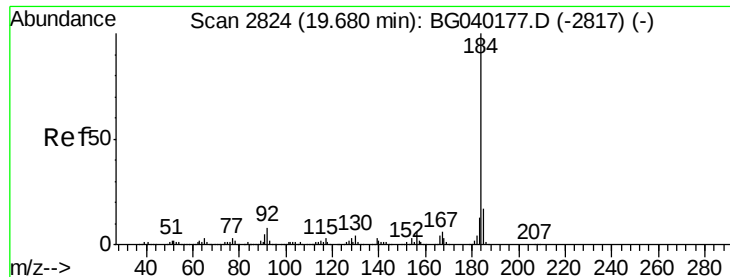
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 13.017 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

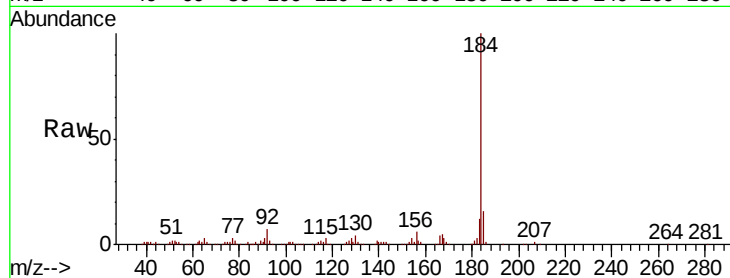
Tot Ion:184 Resp: 188682

Ion Ratio Lower Upper

184 100

185 16.2 13.3 19.9

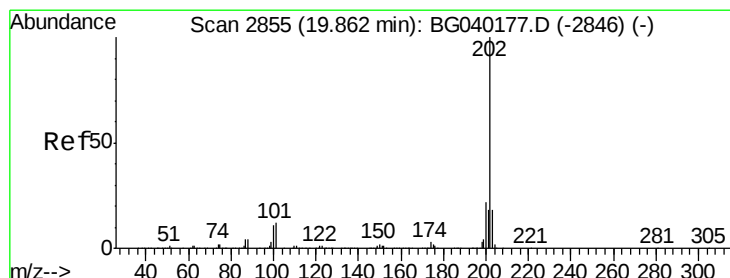
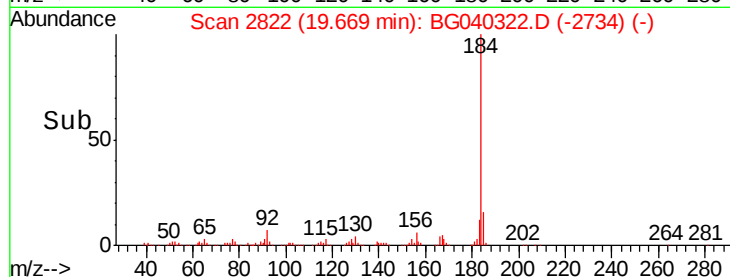
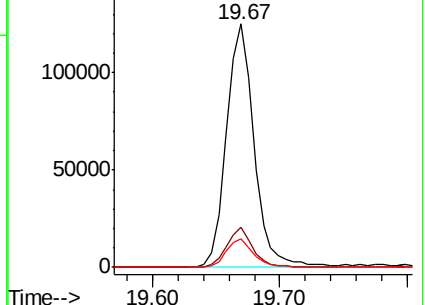
183 11.8 10.3 15.5



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: 38.122 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

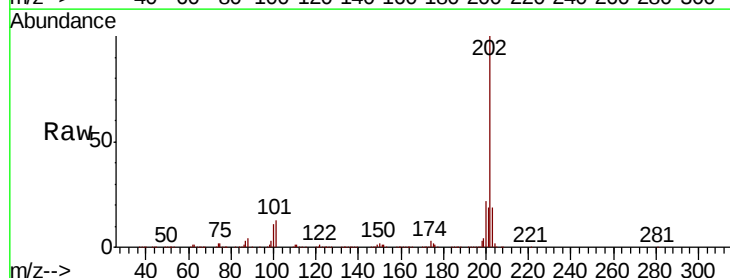
Tgt Ion:202 Resp: 1006248

Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

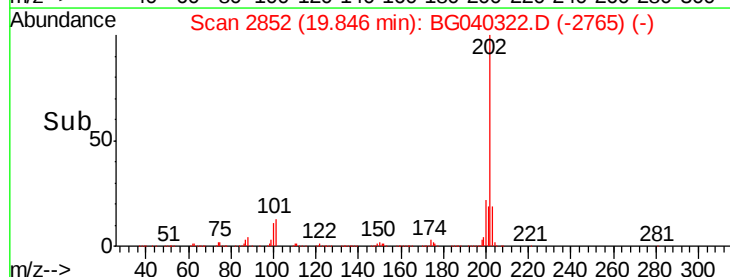
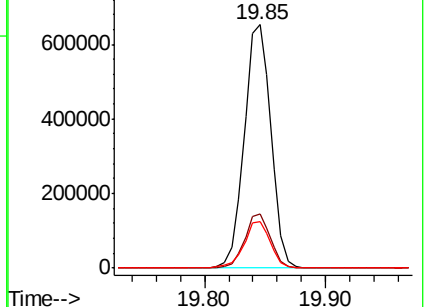
203 19.3 14.6 22.0



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: 74.777 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

Instrument :

BNA_F

ClientSampleId :

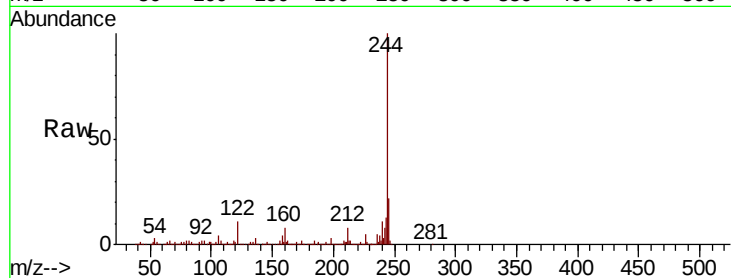
Tot Ion:244 Resp: 1334180

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

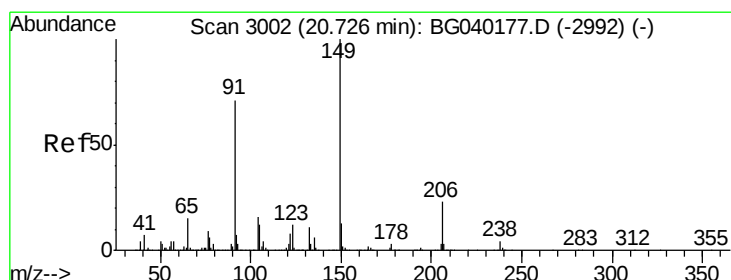
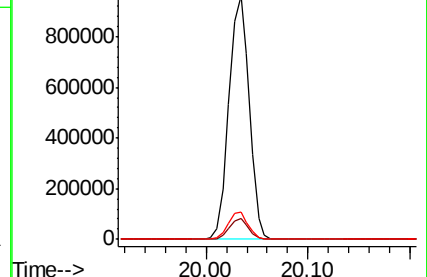
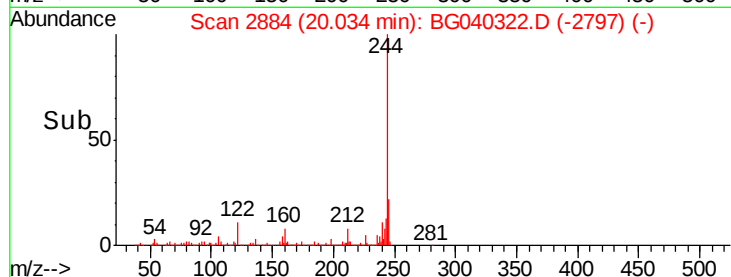
122 11.1 8.5 12.7



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: 37.432 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG040322.D

Acq: 3 Apr 2019 10:07

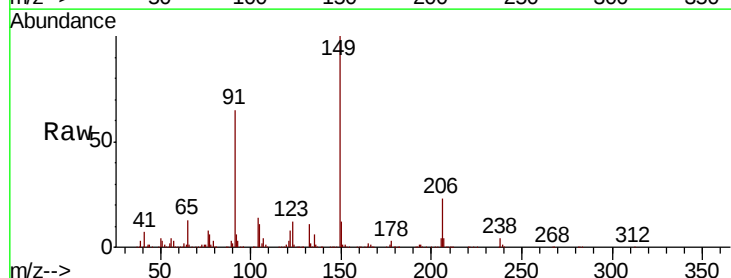
Tgt Ion:149 Resp: 422798

Ion Ratio Lower Upper

149 100

91 65.3 57.0 85.4

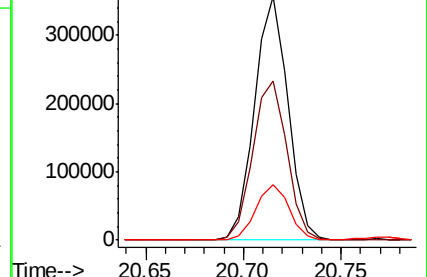
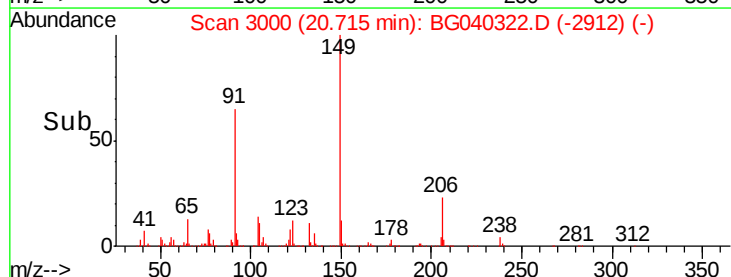
206 22.5 18.2 27.4

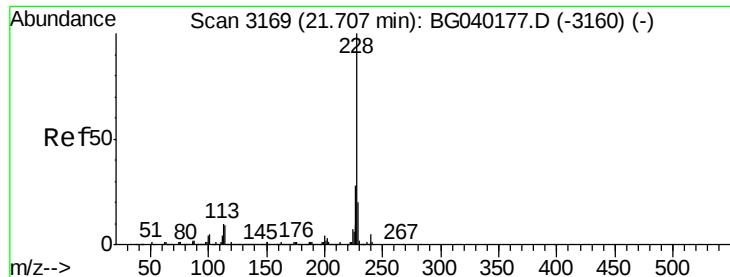


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

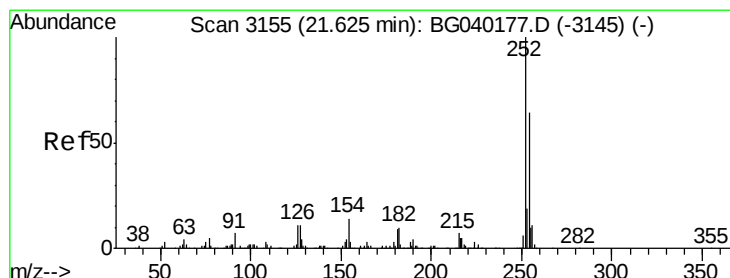
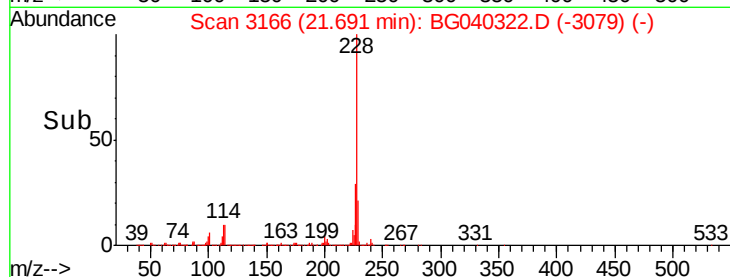
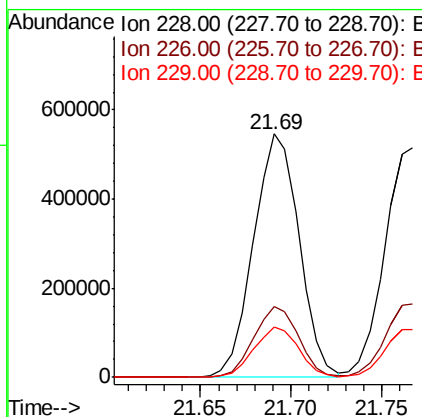
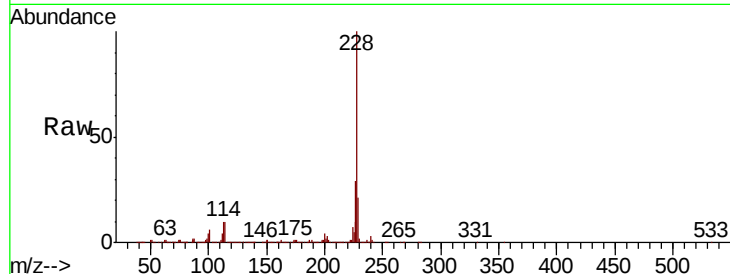




#81
Benzo(a)anthracene
Concen: 38.553 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

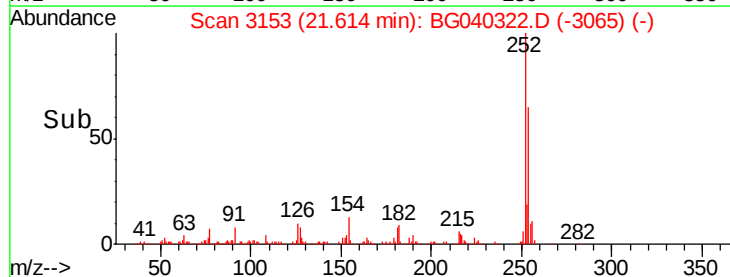
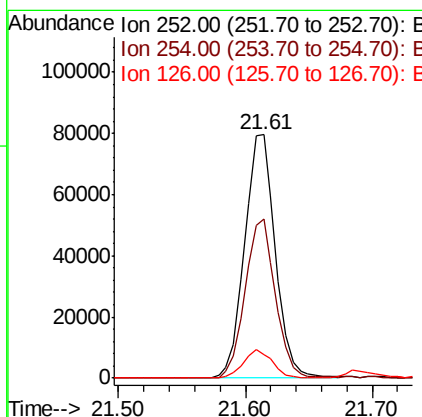
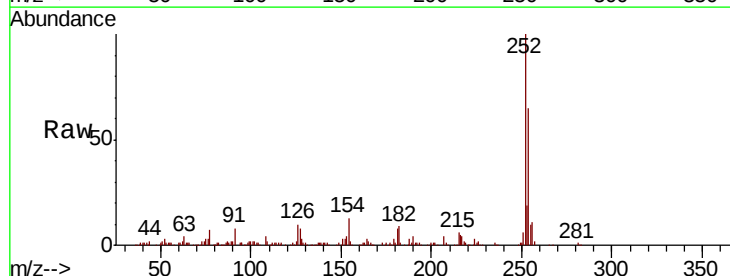
Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 953145
Ion Ratio Lower Upper
228 100
226 29.3 22.6 34.0
229 20.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 14.258 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:252 Resp: 134093
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 9.8 8.5 12.7

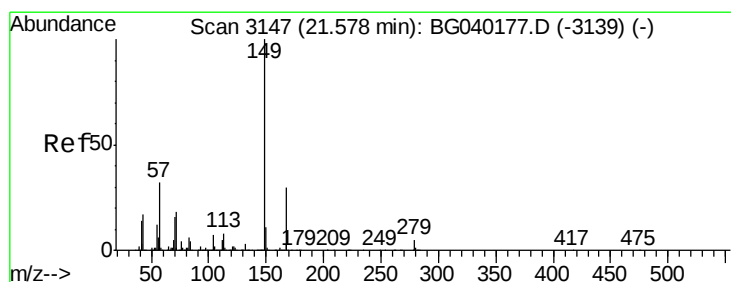
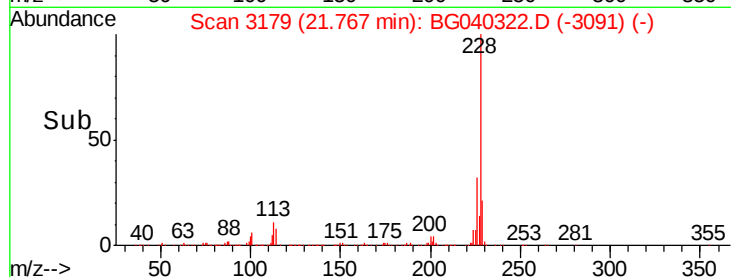
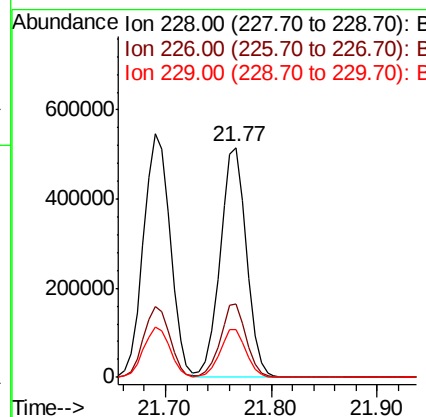
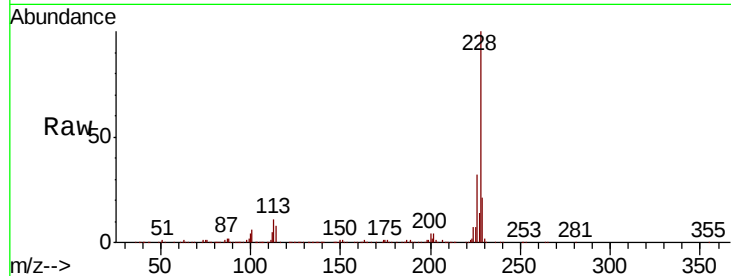




#83
Chrysene
Concen: 37.707 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

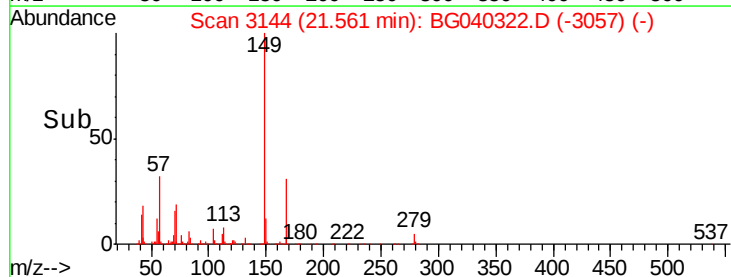
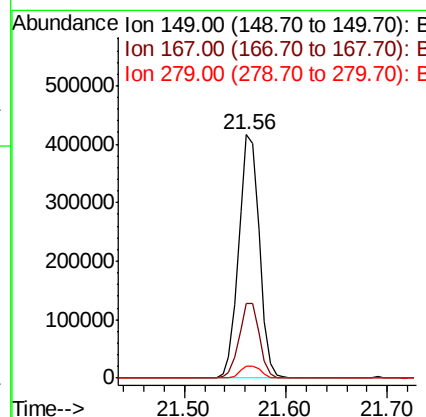
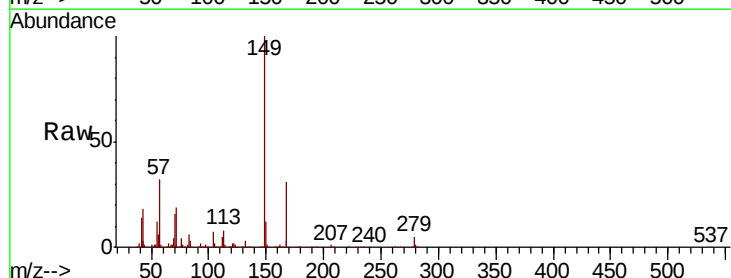
Instrument :
BNA_F
ClientSampleId :

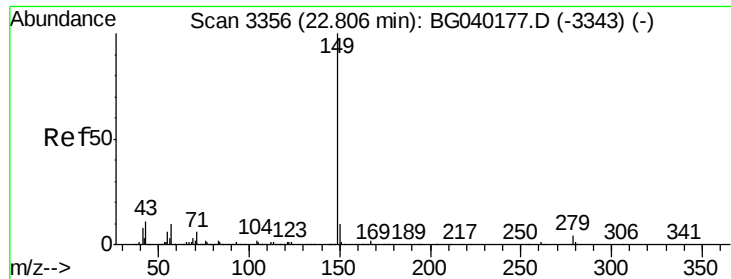
Tot Ion:228 Resp: 895928
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.0
229 21.0 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.343 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:149 Resp: 586791
Ion Ratio Lower Upper
149 100
167 30.5 24.1 36.1
279 4.8 4.1 6.1

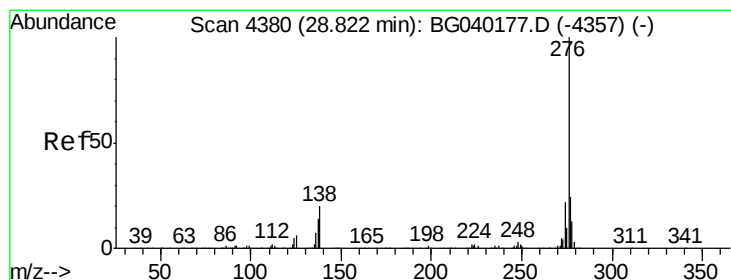
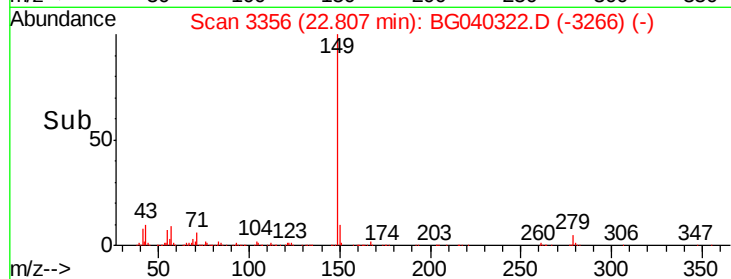
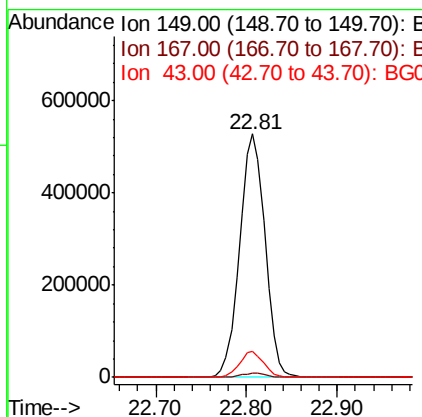
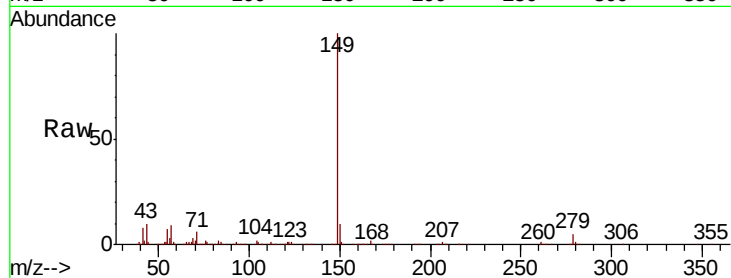




#85
Di-n-octyl phthalate
Concen: 37.293 ng
RT: 22.81 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

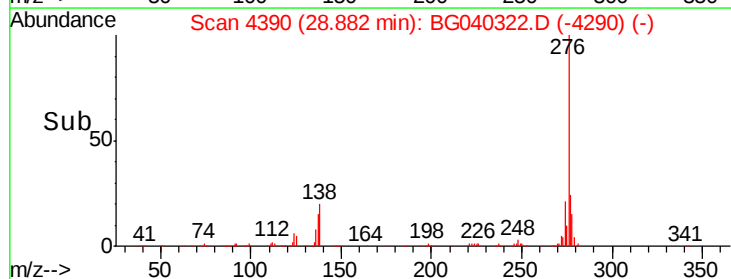
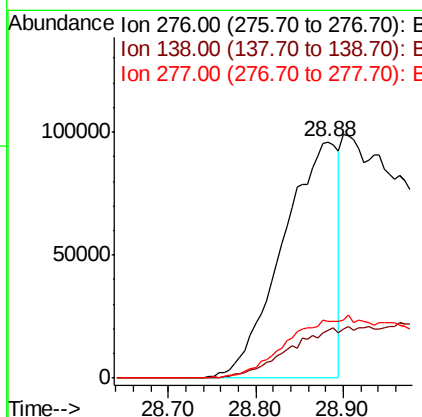
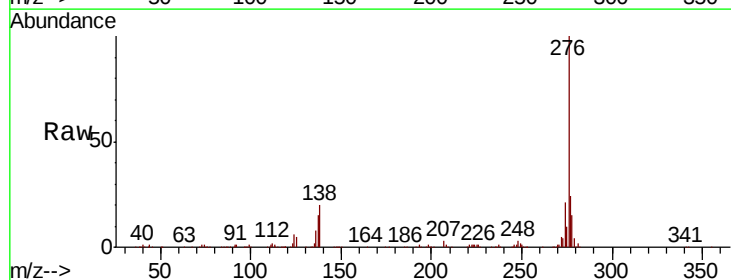
Instrument :
BNA_F
ClientSampleId :

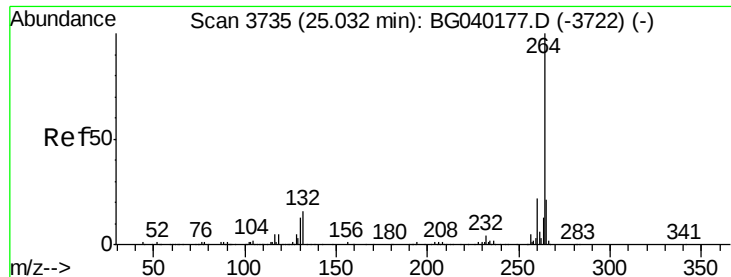
Tot Ion:149 Resp: 1025871
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.2 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 14.496 ng
RT: 28.88 min Scan# 4390
Delta R.T. 0.06 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:276 Resp: 421257
Ion Ratio Lower Upper
276 100
138 19.4 18.8 28.2
277 24.2 21.0 31.4



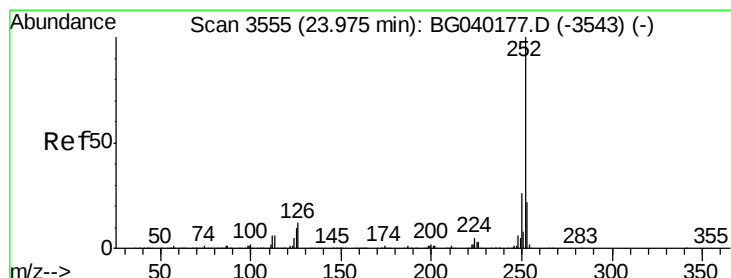
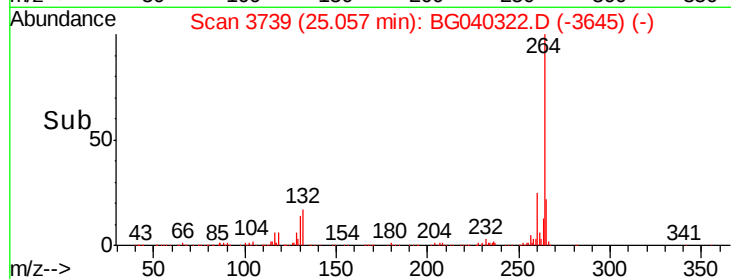
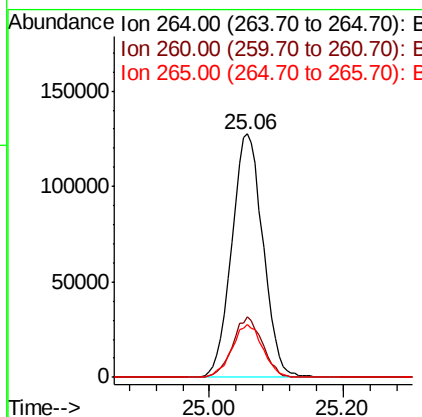
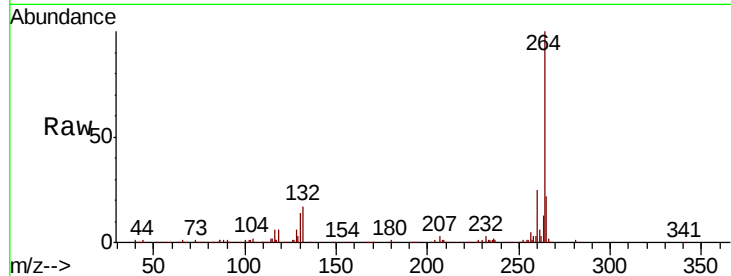


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3739
Delta R.T. 0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 414057

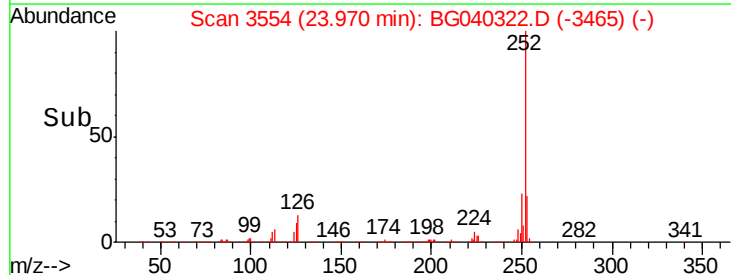
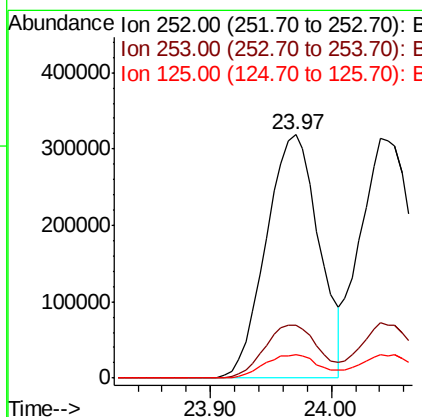
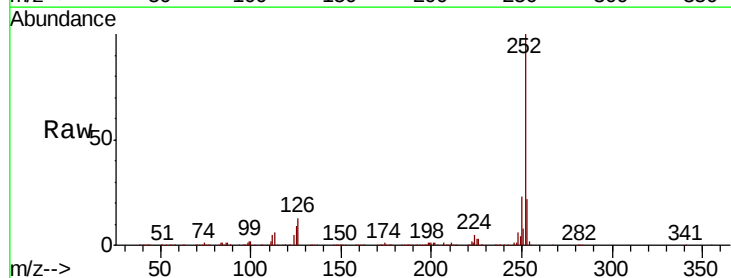
Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.9	26.9
265	21.7	16.8	25.2

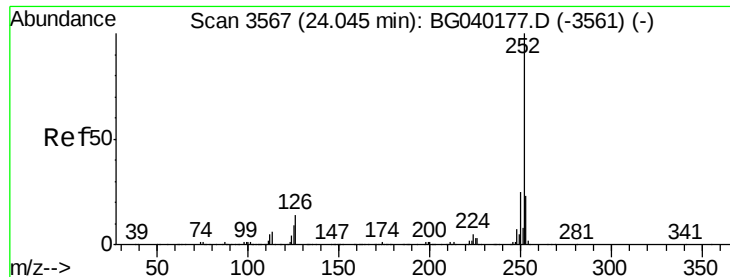


#88
Benzo(b)fluoranthene
Concen: 38.189 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:252 Resp: 968104

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.5	8.2	12.4

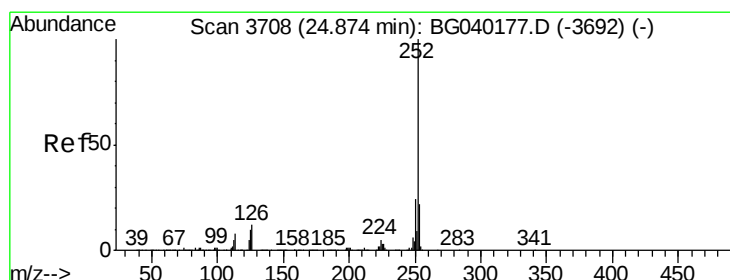
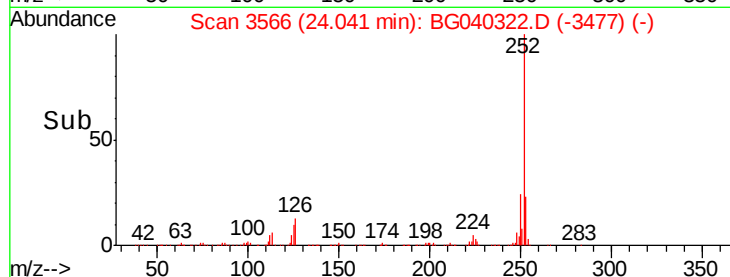
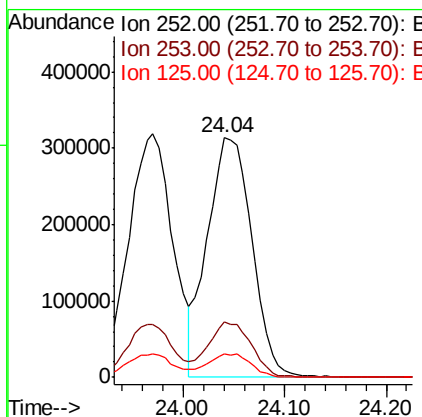
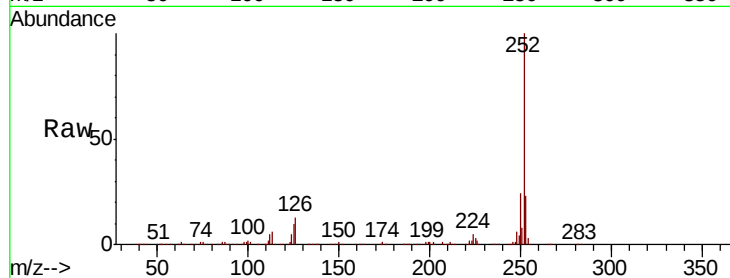




#89
Benzo(k)fluoranthene
Concen: 40.726 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.00 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

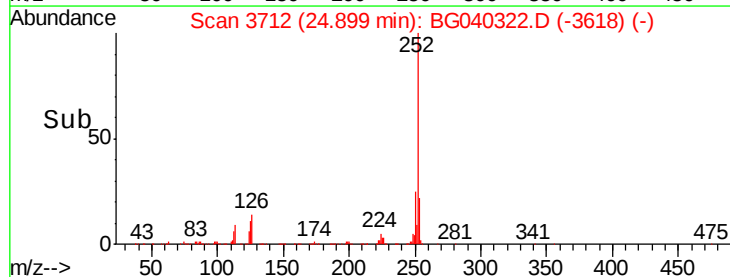
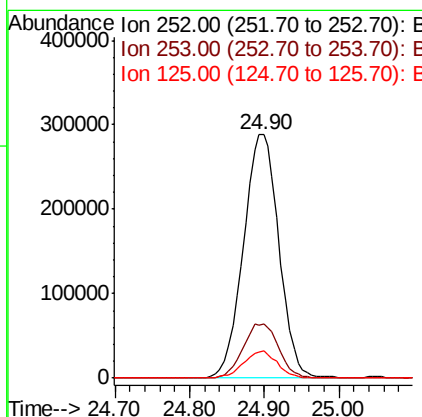
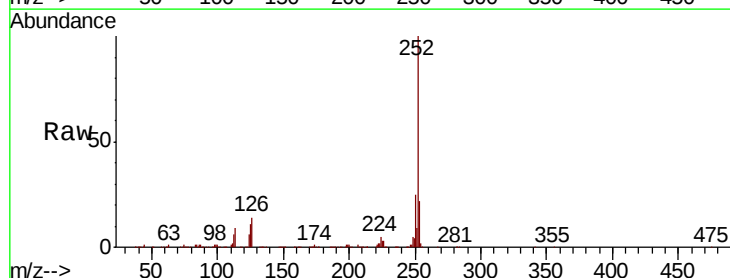
Instrument :
BNA_F
ClientSampleId :

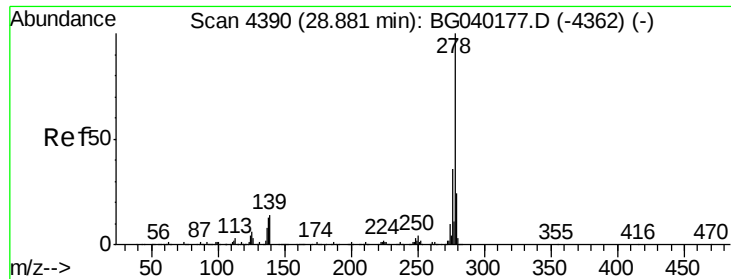
Tot Ion:252 Resp: 949426
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 9.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 39.957 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.02 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion:252 Resp: 950390
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.1 8.3 12.5

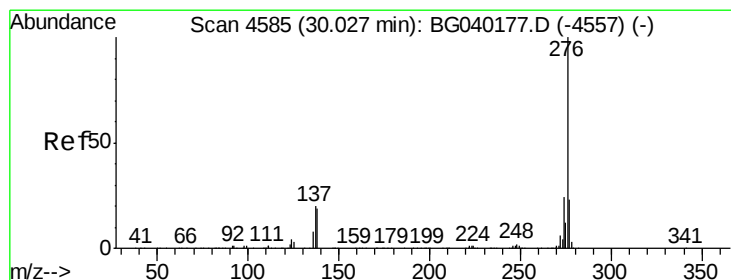
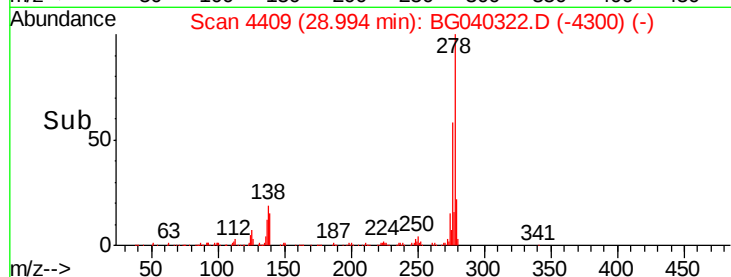
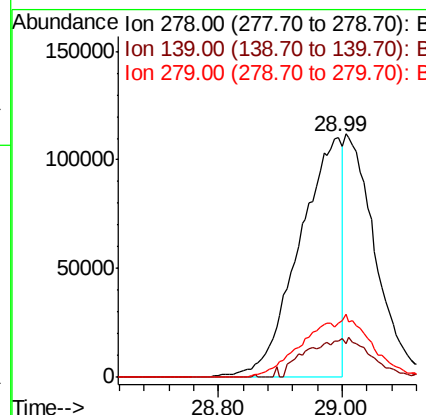
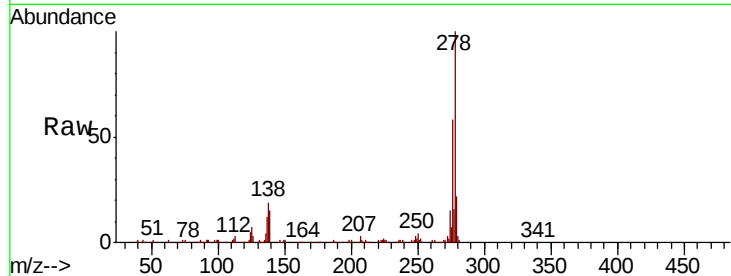




#91
Dibenzo(a,h)anthracene
Concen: 23.982 ng
RT: 28.99 min Scan# 4409
Delta R.T. 0.11 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.2	16.8
279	22.4	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 40.876 ng
RT: 30.22 min Scan# 4618
Delta R.T. 0.20 min
Lab File: BG040322.D
Acq: 3 Apr 2019 10:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	28.0
138	19.1	15.2	22.8

