

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042817.D
 Acq On : 13 Sep 2019 15:22
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 16:58:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	81697	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	326726	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	225891	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	538501	20.00	ng	0.00
76) Chrysene-d12	21.75	240	532324	20.00	ng	0.00
87) Perylene-d12	25.02	264	596378	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	376014	80.02	ng	0.00
7) Phenol-d6	7.26	99	539767	80.03	ng	0.00
23) Nitrobenzene-d5	9.27	82	533029	84.94	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	243407	80.99	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1147943	80.44	ng	0.00
79) Terphenyl-d14	20.08	244	1990703	82.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	84368	39.340	ng	97
3) Pyridine	3.98	79	263172	40.757	ng	97
4) n-Nitrosodimethylamine	3.89	42	129489	41.213	ng	94
6) Aniline	7.43	93	363247	39.917	ng	97
8) 2-Chlorophenol	7.68	128	198566	39.092	ng	99
9) Benzaldehyde	7.25	77	169488	38.615	ng	98
10) Phenol	7.29	94	274335	39.661	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	203573	38.348	ng	96
12) 1,3-Dichlorobenzene	8.01	146	240676	38.847	ng	98
13) 1,4-Dichlorobenzene	8.15	146	241653	38.959	ng	98
14) 1,2-Dichlorobenzene	8.47	146	228142	38.639	ng	98
15) Benzyl Alcohol	8.35	79	227736	39.344	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	466702	40.034	ng	97
17) 2-Methylphenol	8.55	107	180248	38.950	ng	95
18) Hexachloroethane	9.21	117	89633	39.141	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	198504	39.940	ng	98
20) 3+4-Methylphenols	8.87	107	251686	39.455	ng	96
22) Acetophenone	8.93	105	329517	39.934	ng	# 97
24) Nitrobenzene	9.32	77	271409	41.202	ng	98
25) Isophorone	9.84	82	526714	40.265	ng	98
26) 2-Nitrophenol	10.03	139	109797	42.388	ng	92
27) 2,4-Dimethylphenol	10.08	122	179608	39.199	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	289146	39.636	ng	99
29) 2,4-Dichlorophenol	10.56	162	217758	40.897	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	259421	39.906	ng	99
31) Naphthalene	10.98	128	655039	40.606	ng	99
32) Benzoic acid	10.20	122	122181	34.836	ng	97
33) 4-Chloroaniline	11.07	127	304500	40.385	ng	97
34) Hexachlorobutadiene	11.27	225	180673	39.667	ng	99
35) Caprolactam	11.84	113	80344	40.577	ng	96
36) 4-Chloro-3-methylphenol	12.18	107	237662	41.109	ng	98
37) 2-Methylnaphthalene	12.58	142	486888	40.292	ng	99
38) 1-Methylnaphthalene	12.79	142	460182	40.603	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	295423	39.577	ng	99

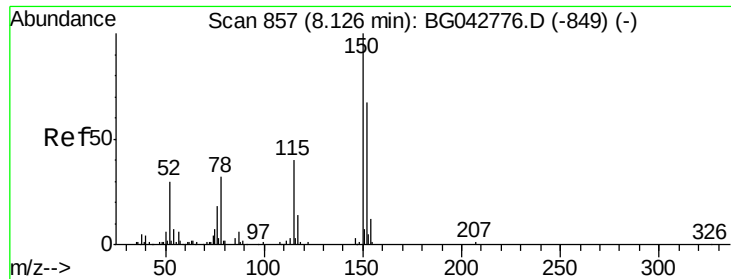
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042817.D
 Acq On : 13 Sep 2019 15:22
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 16:58:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	175620	41.069	ng	100
43) 2,4,6-Trichlorophenol	13.17	196	201148	40.477	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	206723	40.612	ng	98
46) 1,1'-Biphenyl	13.57	154	636757	40.266	ng	97
47) 2-Chloronaphthalene	13.62	162	526069	40.215	ng	100
48) 2-Nitroaniline	13.80	65	203042	44.743	ng	97
49) Acenaphthylene	14.46	152	815119	40.775	ng	97
50) Dimethylphthalate	14.19	163	683826	40.410	ng	99
51) 2,6-Dinitrotoluene	14.30	165	148778	42.848	ng	94
52) Acenaphthene	14.80	154	510438	39.084	ng	99
53) 3-Nitroaniline	14.63	138	163619	41.986	ng	# 96
54) 2,4-Dinitrophenol	14.82	184	33252	19.453	ng	# 1
55) Dibenzofuran	15.13	168	785907	40.485	ng	97
56) 4-Nitrophenol	14.91	139	121580	40.350	ng	97
57) 2,4-Dinitrotoluene	15.08	165	202980	43.857	ng	99
58) Fluorene	15.78	166	651727	40.510	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	208334	42.221	ng	99
60) Diethylphthalate	15.55	149	696314	40.537	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	383960	40.364	ng	98
62) 4-Nitroaniline	15.78	138	175640	41.814	ng	94
63) Azobenzene	16.07	77	680405	41.134	ng	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	68304	29.644	ng	93
66) n-Nitrosodiphenylamine	15.98	169	584073	40.307	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	259533	39.819	ng	98
68) Hexachlorobenzene	16.79	284	274905	39.472	ng	97
69) Atrazine	16.92	200	175748	34.828	ng	97
70) Pentachlorophenol	17.12	266	188315	45.580	ng	92
71) Phenanthrene	17.52	178	1050118	40.776	ng	99
72) Anthracene	17.61	178	1045536	40.637	ng	100
73) Carbazole	17.87	167	985972	40.319	ng	97
74) Di-n-butylphthalate	18.44	149	1182262	40.359	ng	99
75) Fluoranthene	19.52	202	1359197	40.723	ng	99
77) Benzidine	19.69	184	577193	38.809	ng	99
78) Pyrene	19.89	202	1357348	40.728	ng	99
80) Butylbenzylphthalate	20.77	149	552423	40.957	ng	98
81) Benzo(a)anthracene	21.74	228	1370811	40.501	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	522827	39.749	ng	98
83) Chrysene	21.80	228	1292213	40.306	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	749540	40.671	ng	97
85) Di-n-octyl phthalate	22.89	149	1279582	40.728	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1601482	40.338	ng	# 93
88) Benzo(b)fluoranthene	23.99	252	1411956	40.321	ng	99
89) Benzo(k)fluoranthene	24.06	252	1335730	40.380	ng	98
90) Benzo(a)pyrene	24.87	252	1324675	40.399	ng	100
91) Dibenzo(a,h)anthracene	28.83	278	1310764	40.644	ng	100
92) Benzo(g,h,i)perylene	29.93	276	1260813	40.081	ng	96

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

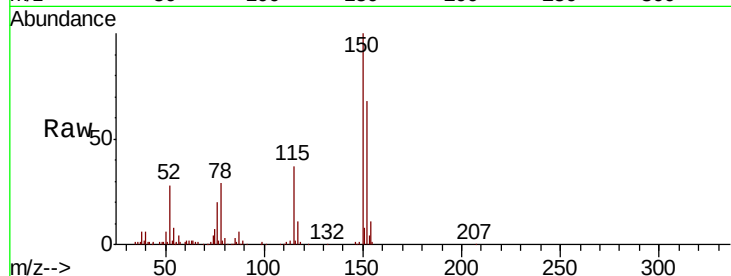


#1

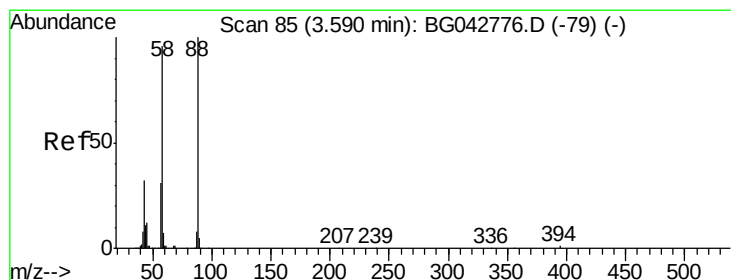
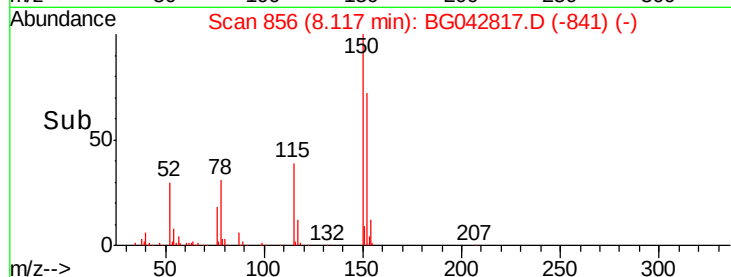
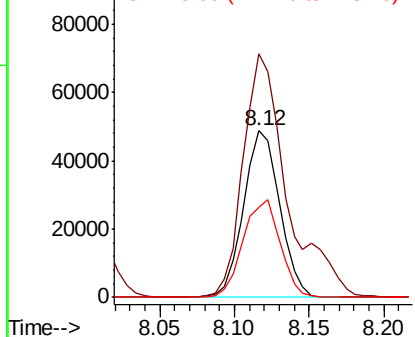
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	81697
Ion Ratio	Lower	Upper	
152	100		
150	146.1	118.9	178.3
115	53.9	47.4	71.2



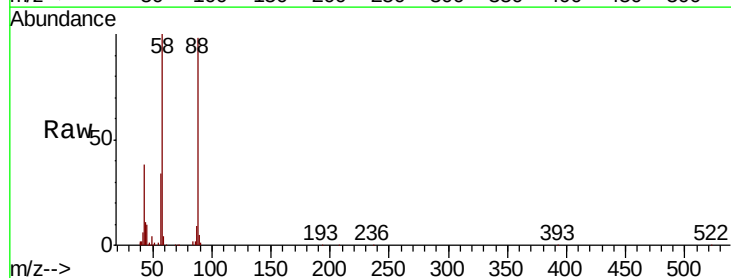
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



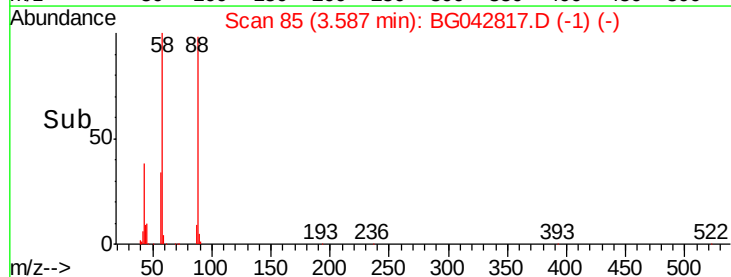
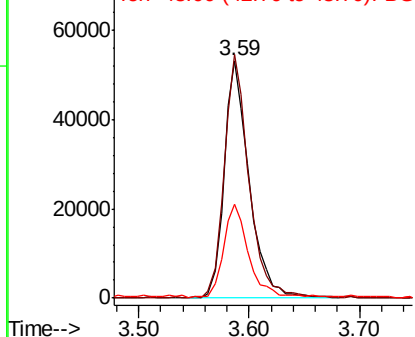
#2

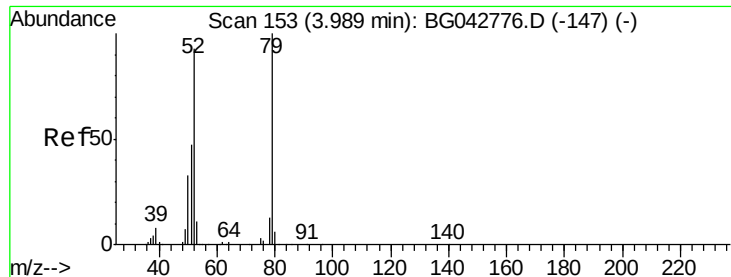
1,4-Dioxane
Concen: 39.340 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion	88	Resp	84368
Ion Ratio	Lower	Upper	
88	100		
58	101.5	79.1	118.7
43	39.5	30.4	45.6



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: 40.757 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

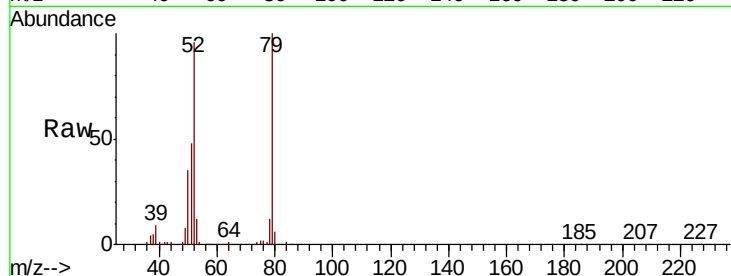
Tot Ion: 79 Resp: 263172

Ion Ratio Lower Upper

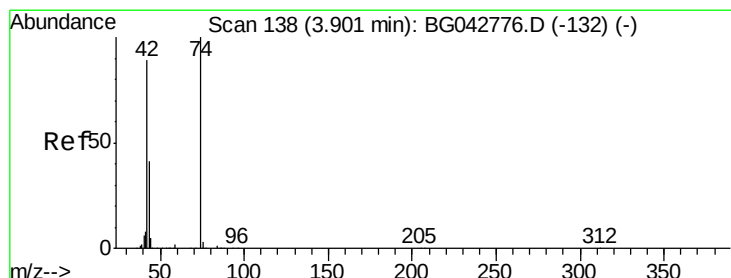
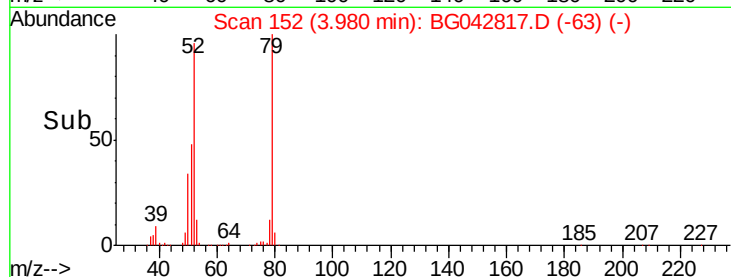
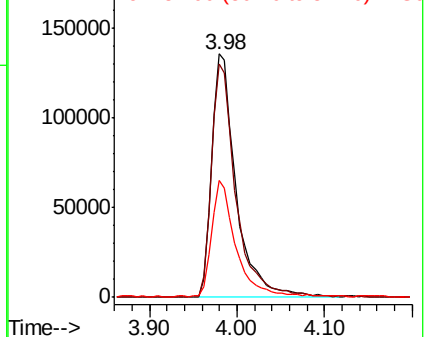
79 100

52 96.1 74.0 111.0

51 48.2 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 41.213 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

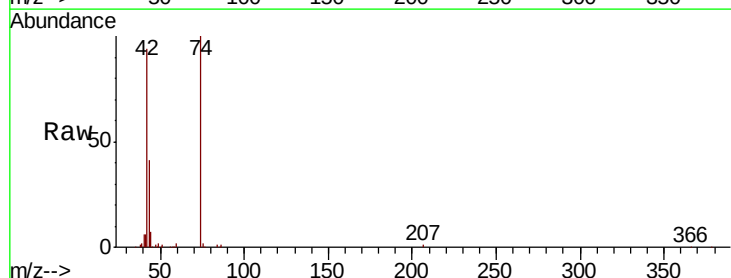
Tgt Ion: 42 Resp: 129489

Ion Ratio Lower Upper

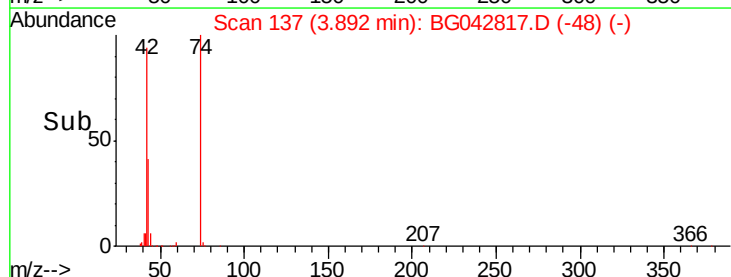
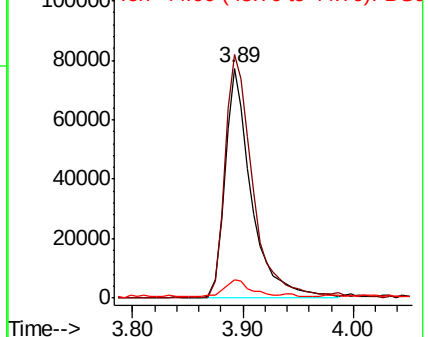
42 100

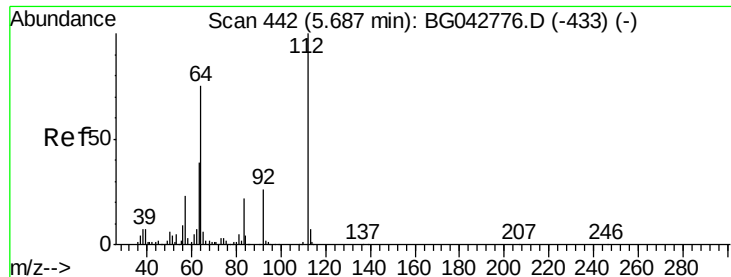
74 106.1 90.2 135.2

44 7.7 6.6 9.8



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: 80.017 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

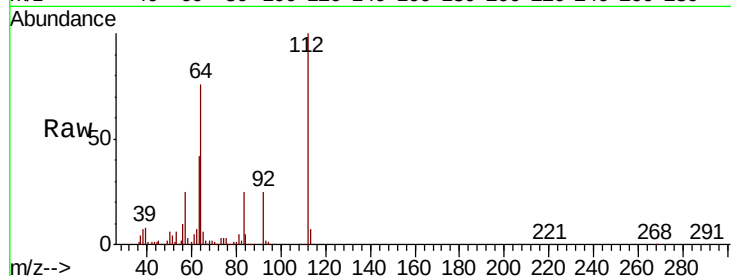
Tot Ion: 112 Resp: 376014

Ion Ratio Lower Upper

112 100

64 75.8 60.2 90.2

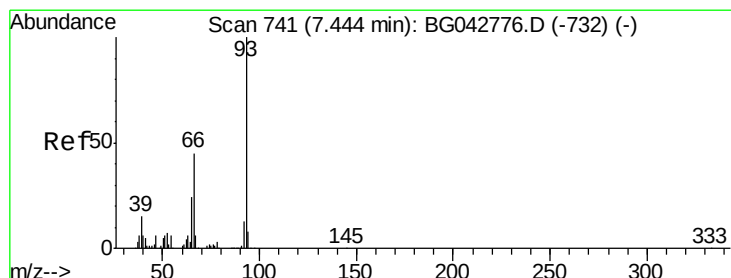
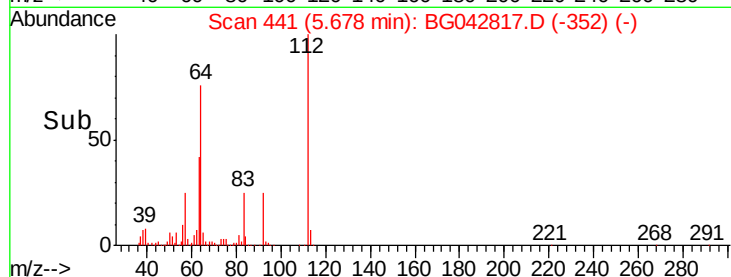
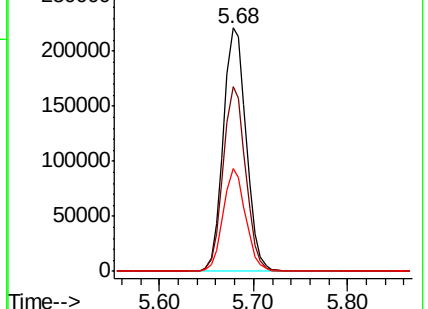
63 42.3 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.917 ng

RT: 7.43 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

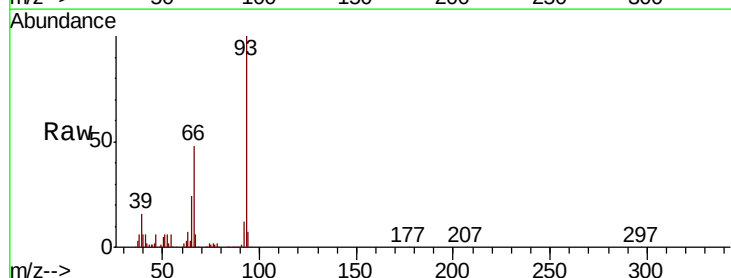
Tgt Ion: 93 Resp: 363247

Ion Ratio Lower Upper

93 100

66 48.1 36.3 54.5

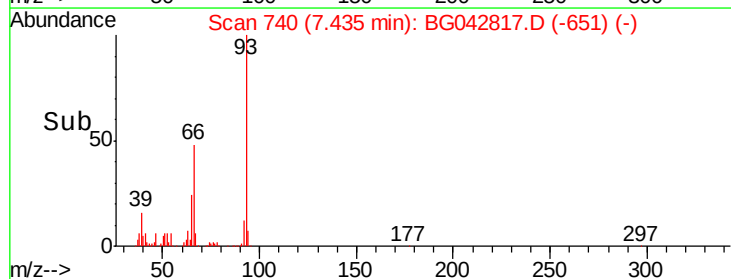
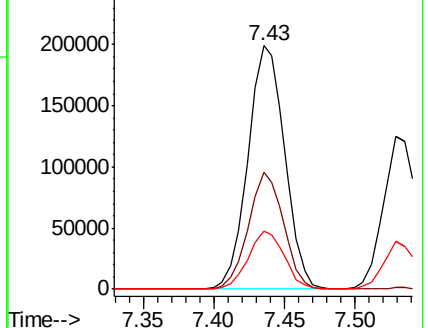
65 23.7 19.3 28.9

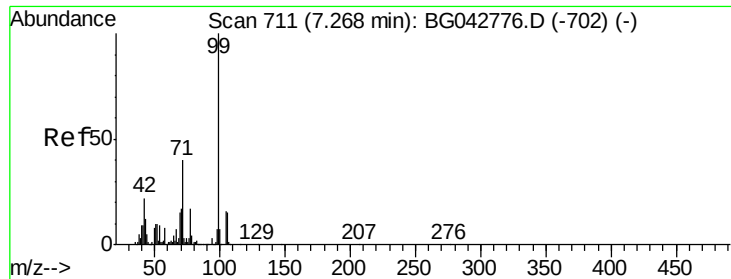


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.026 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

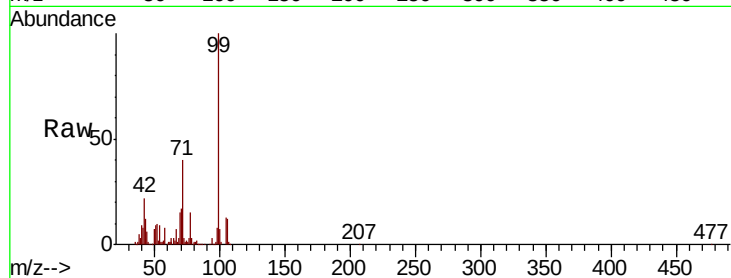
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 539767

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.5	26.3
71	39.9	32.0	48.0

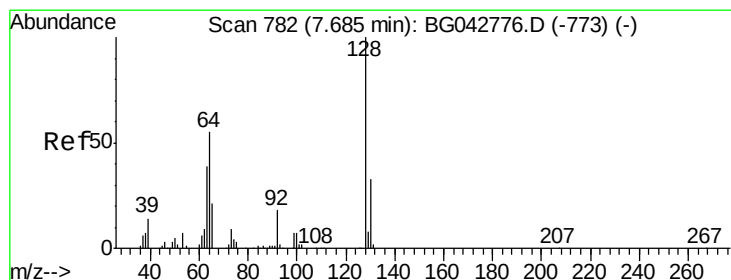
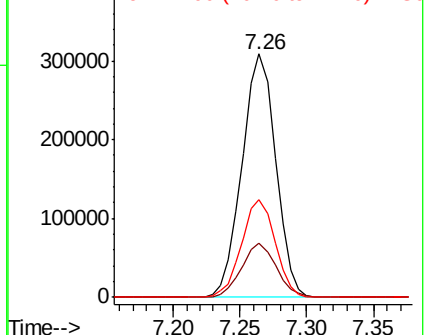
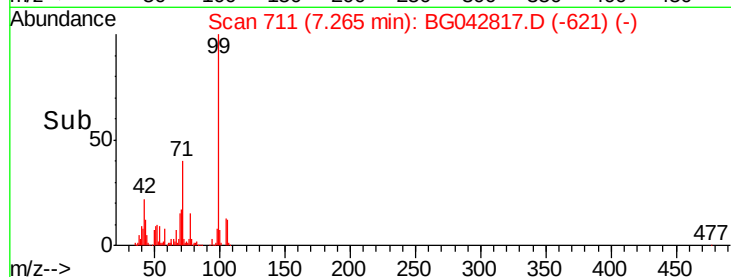


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.092 ng

RT: 7.68 min Scan# 782

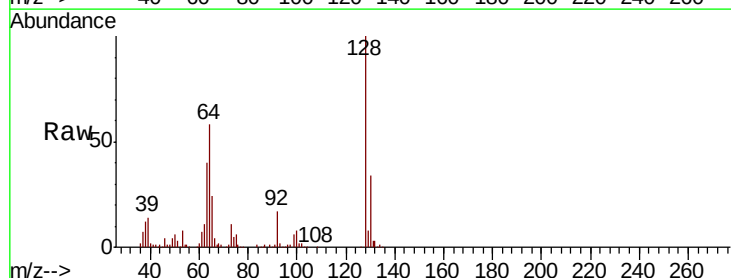
Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Tgt Ion: 128 Resp: 198566

Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.8	52.8
64	57.5	36.8	76.8

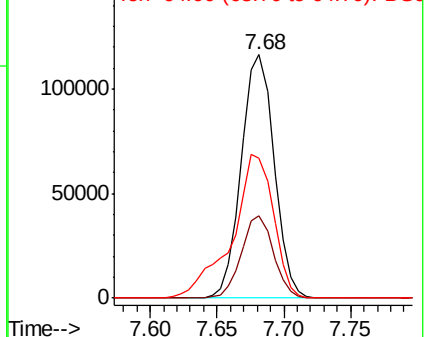
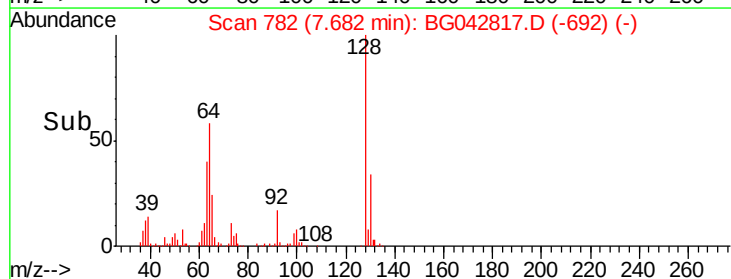


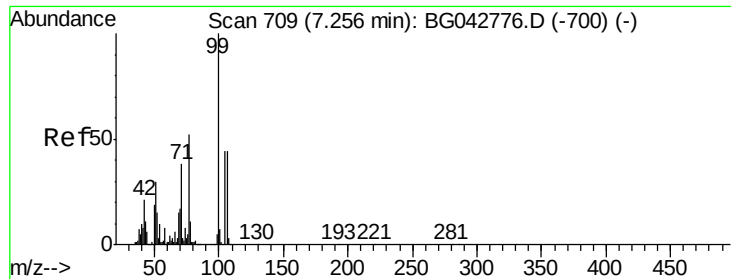
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 38.615 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

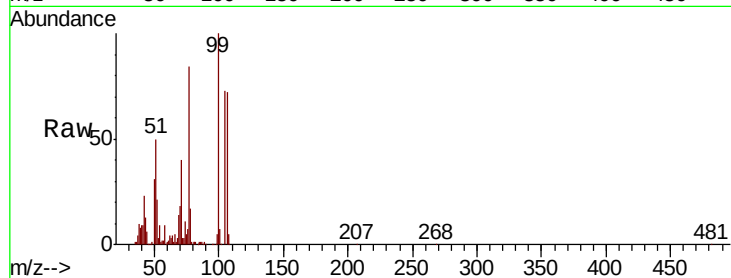
Tot Ion: 77 Resp: 169488

Ion Ratio Lower Upper

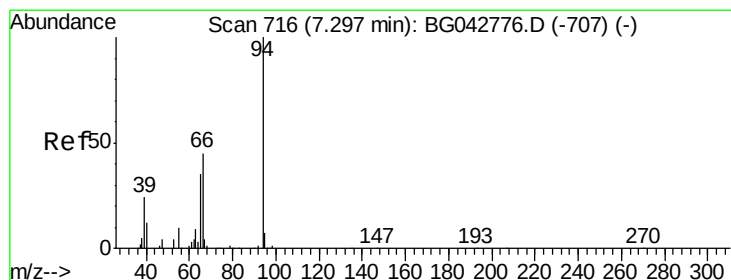
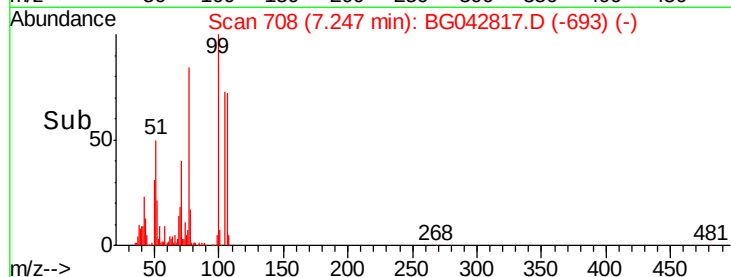
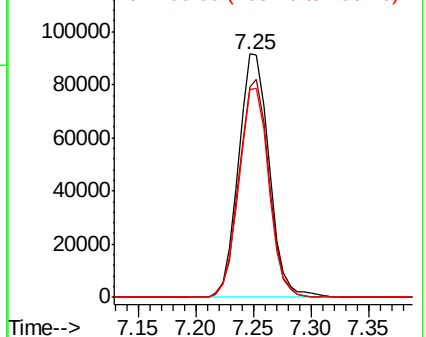
77 100

105 86.4 64.5 104.5

106 85.2 63.4 103.4



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



#10

Phenol

Concen: 39.661 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

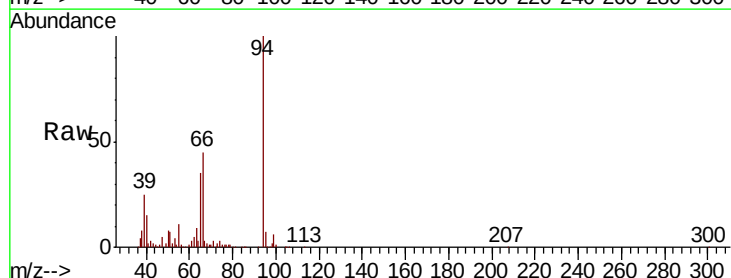
Tgt Ion: 94 Resp: 274335

Ion Ratio Lower Upper

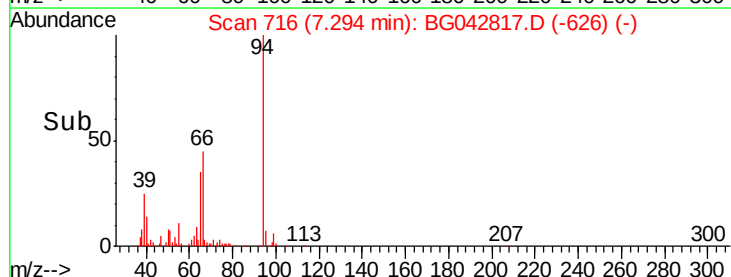
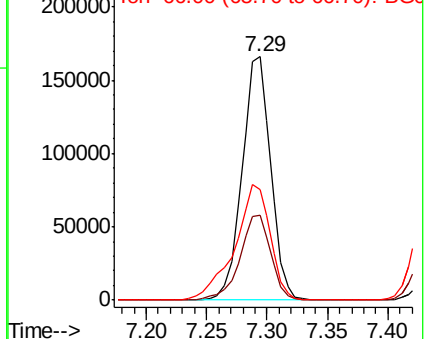
94 100

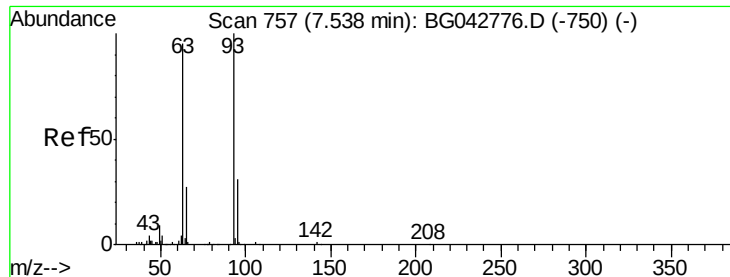
65 34.7 15.0 55.0

66 45.4 26.1 66.1



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

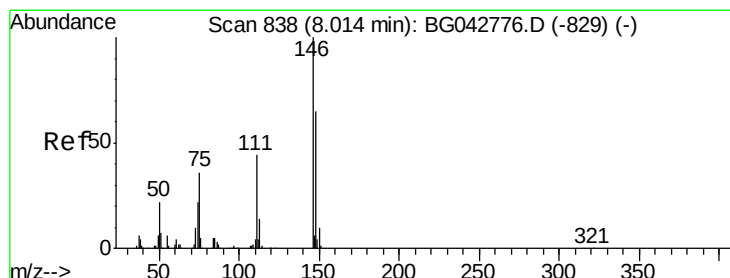
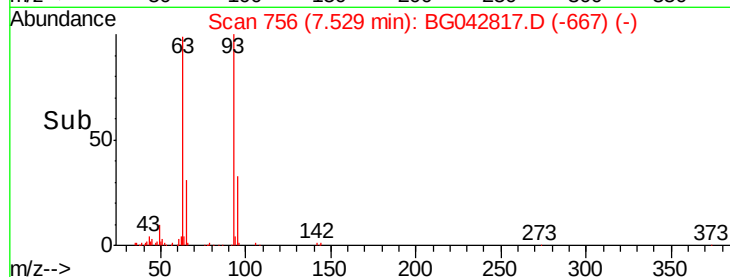
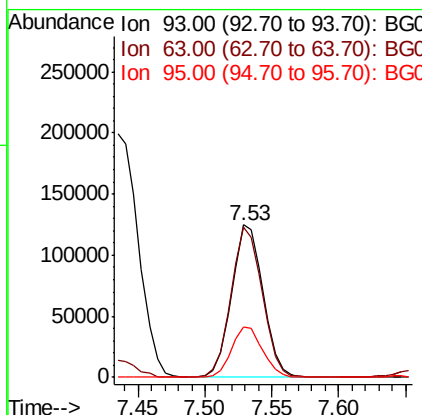
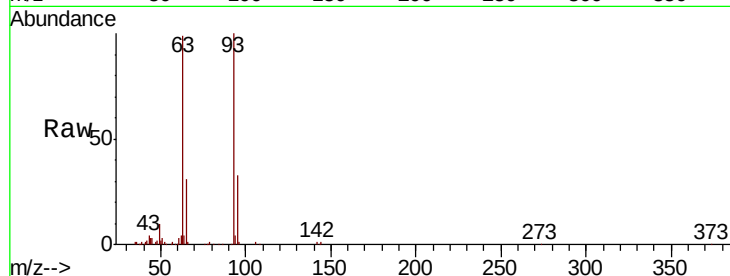




#11
 bis(2-Chloroethyl)ether
 Concen: 38.348 ng
 RT: 7.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

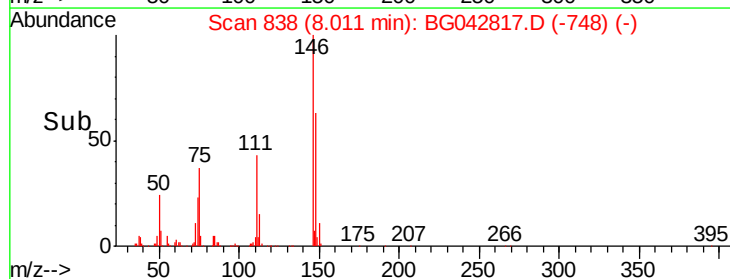
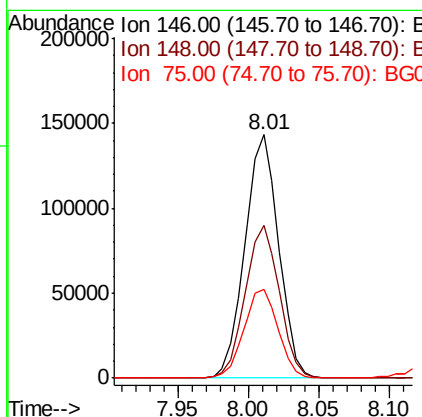
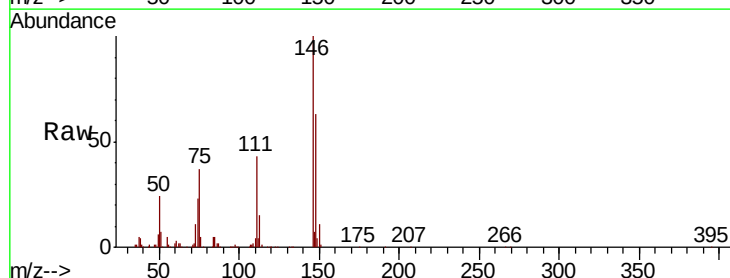
Instrument :
 BNA_F
 ClientSampleId :

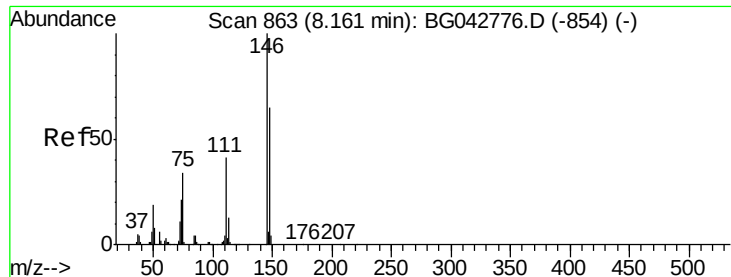
Tot Ion: 93 Resp: 203573
 Ion Ratio Lower Upper
 93 100
 63 98.8 74.7 114.7
 95 32.6 11.1 51.1



#12
 1,3-Dichlorobenzene
 Concen: 38.847 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion: 146 Resp: 240676
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.9 77.9
 75 36.7 28.4 42.6

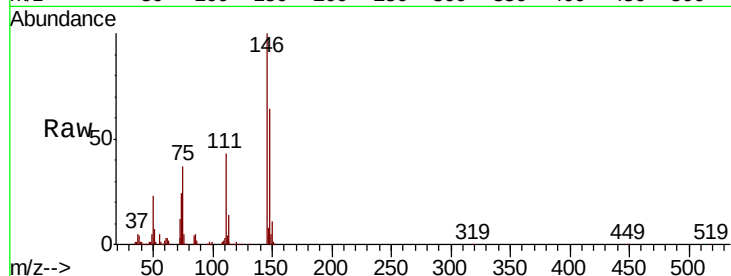




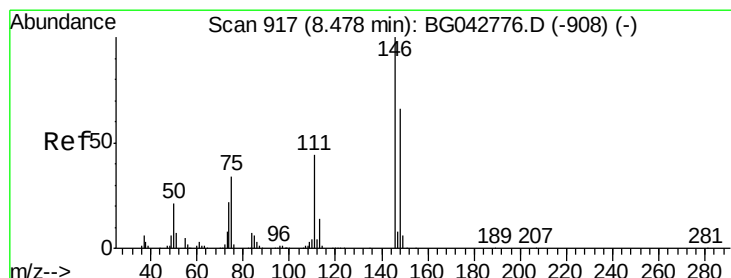
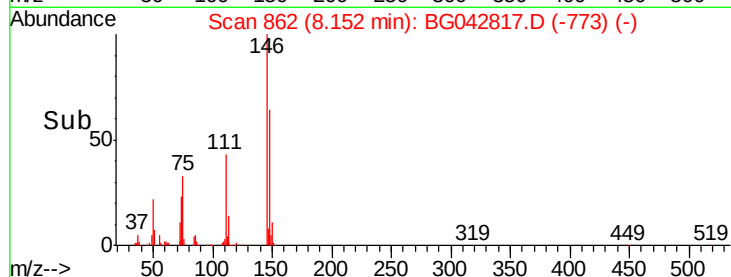
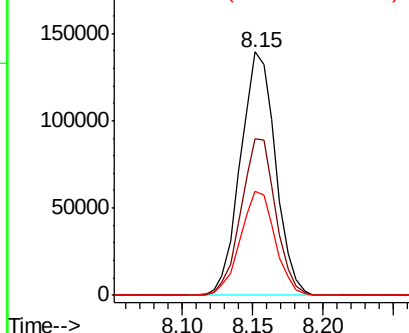
#13
 1,4-Dichlorobenzene
 Concen: 38.959 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	42.8	32.6	49.0

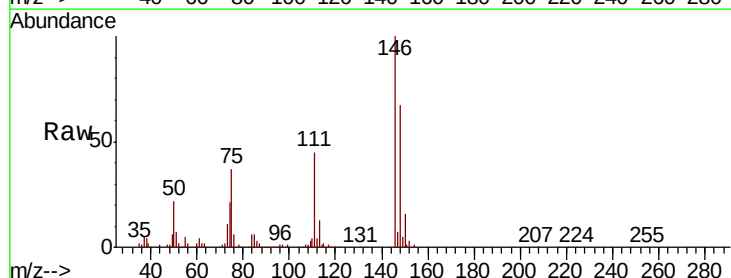


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

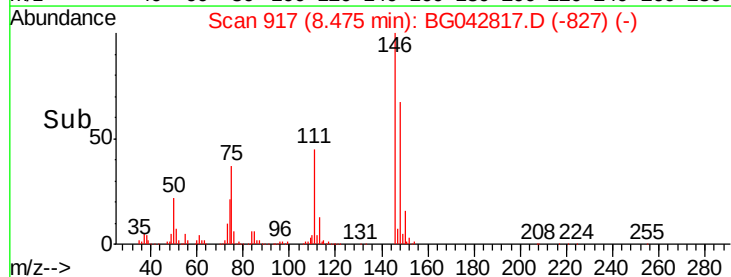
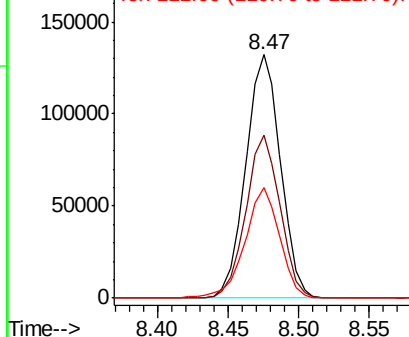


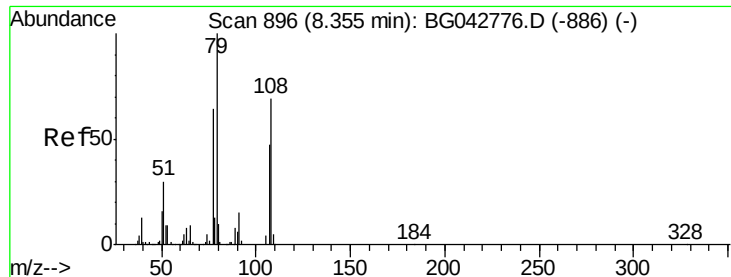
#14
 1,2-Dichlorobenzene
 Concen: 38.639 ng
 RT: 8.47 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	52.6	78.8
111	45.4	35.3	52.9



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: 39.344 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

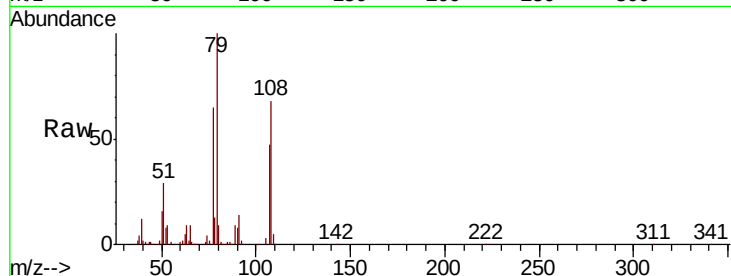
Tot Ion: 79 Resp: 227736

Ion Ratio Lower Upper

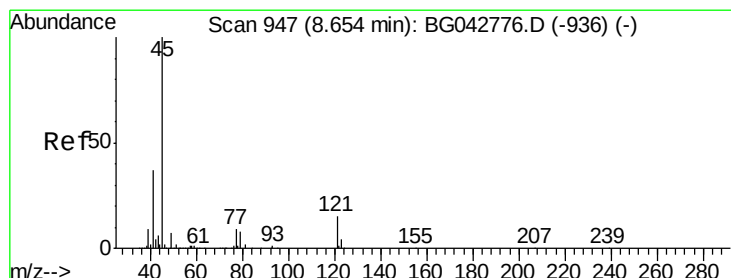
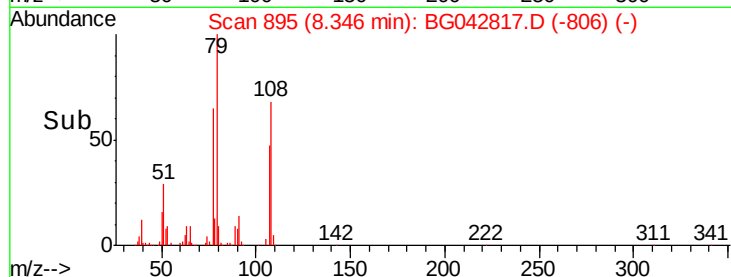
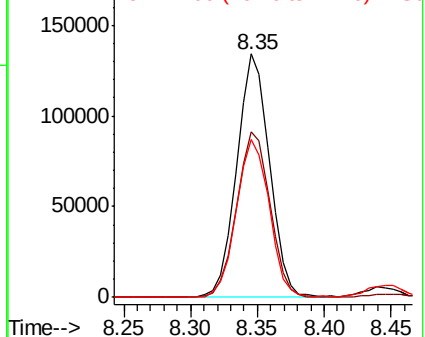
79 100

108 67.8 54.9 82.3

77 65.0 51.0 76.6



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: 40.034 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

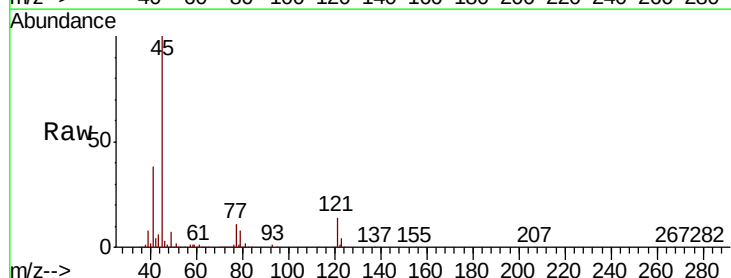
Tgt Ion: 45 Resp: 466702

Ion Ratio Lower Upper

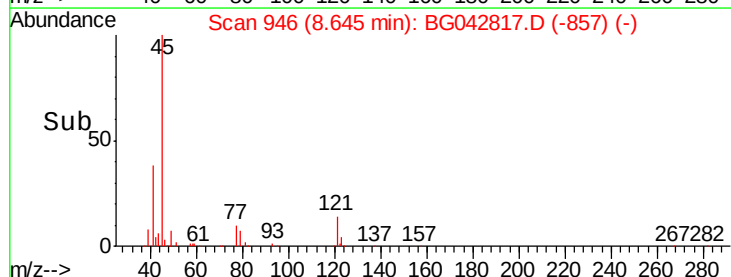
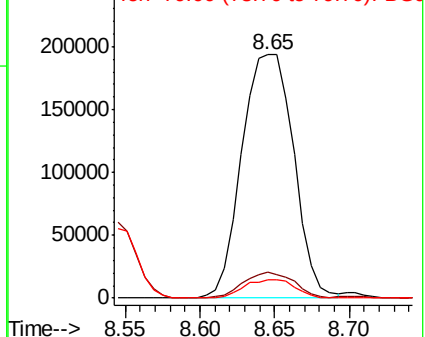
45 100

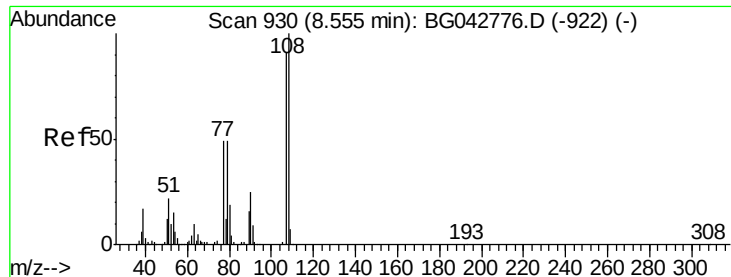
77 10.5 0.0 29.4

79 7.5 0.0 28.4



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: 38.950 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 180248

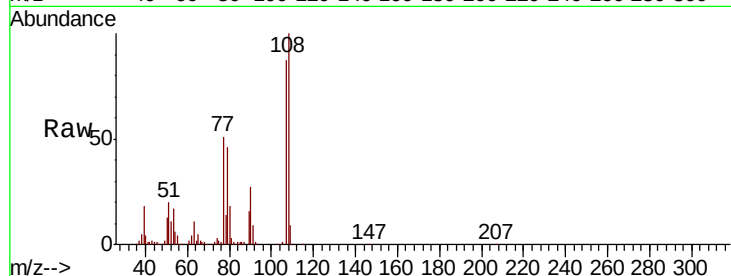
Ion Ratio Lower Upper

107 100

108 114.9 87.7 131.5

77 58.2 42.6 64.0

79 52.9 43.4 65.2

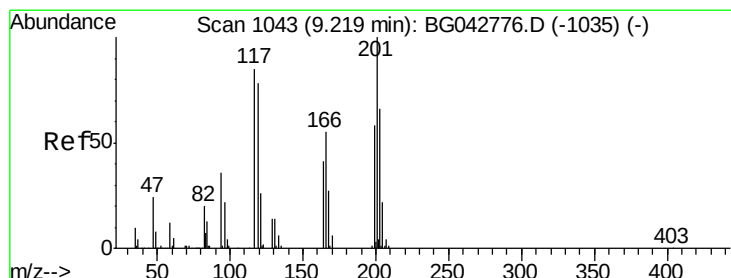
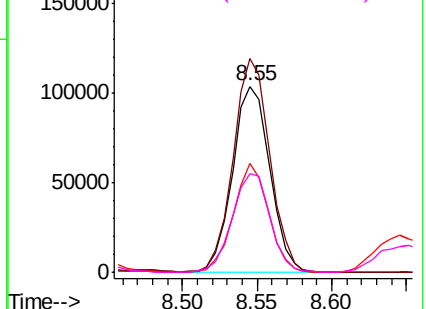
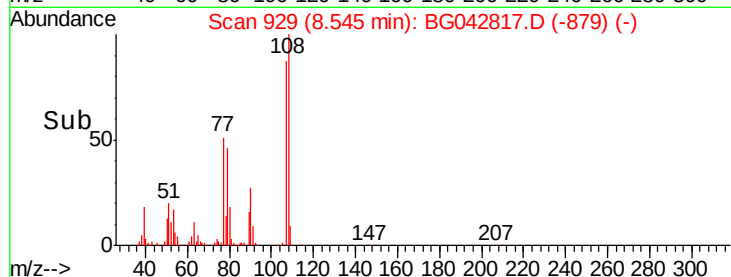


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.141 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

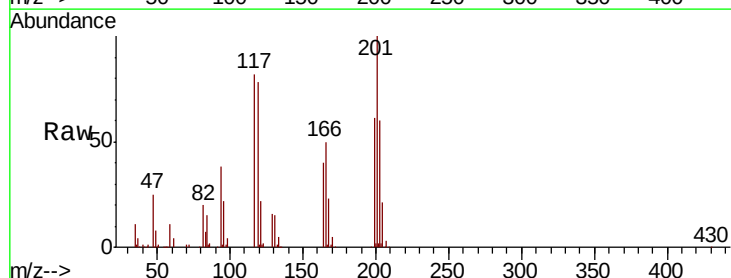
Tgt Ion:117 Resp: 89633

Ion Ratio Lower Upper

117 100

119 94.9 73.8 110.8

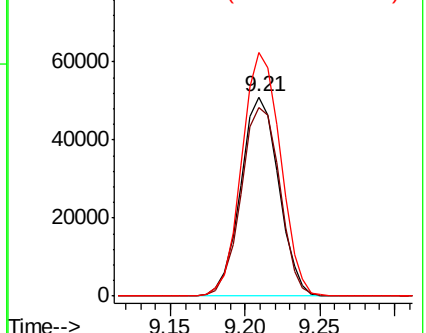
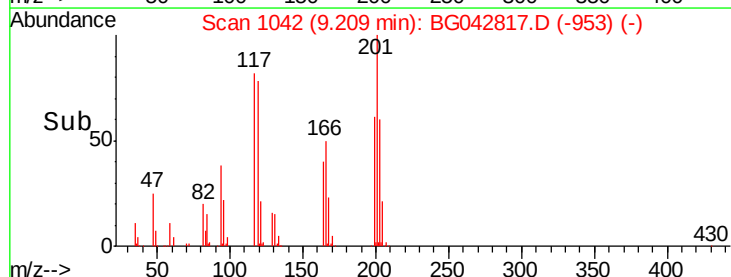
201 122.4 94.6 142.0

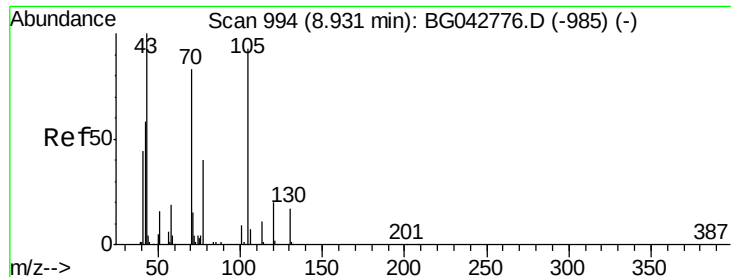


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

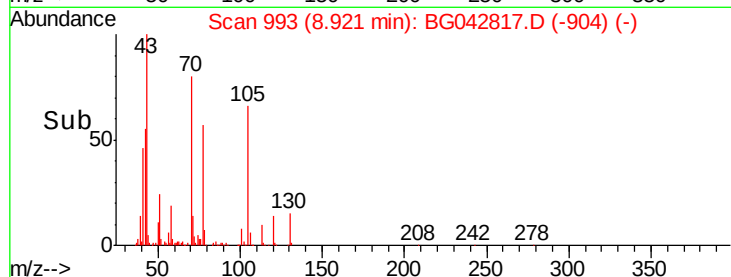
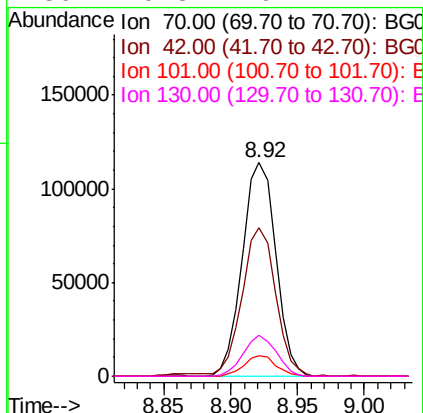
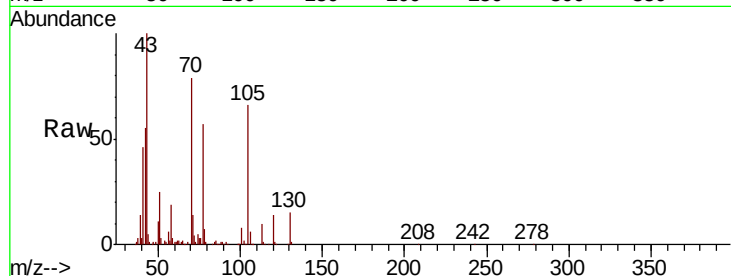




#19
n-Nitroso-di-n-propylamine
Concen: 39.940 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

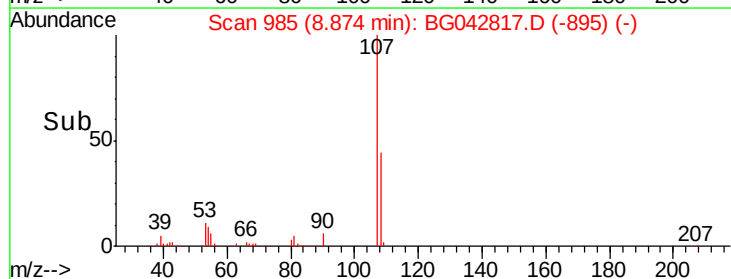
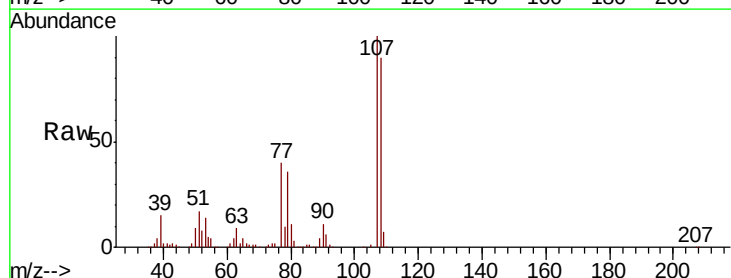
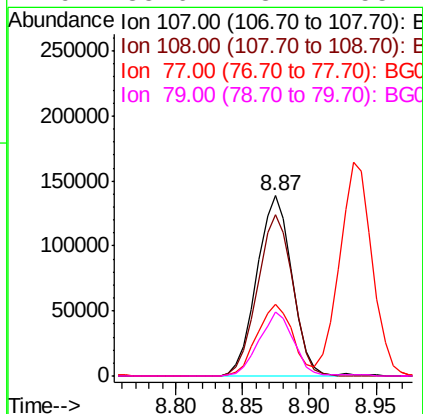
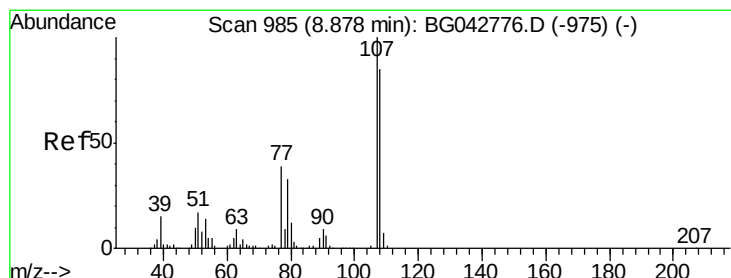
Instrument :
BNA_F
ClientSampleId :

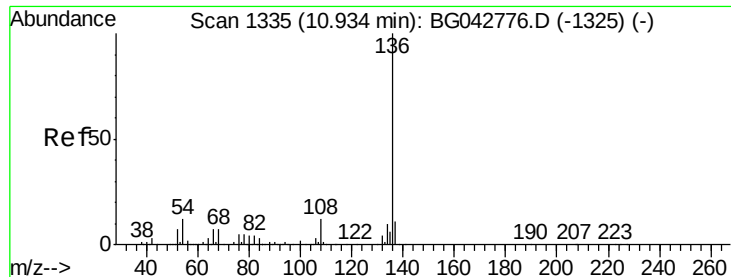
Tot Ion:	70	Resp:	198504
Ion	Ratio	Lower	Upper
70	100		
42	69.6	57.0	85.6
101	9.9	8.4	12.6
130	19.3	16.1	24.1



#20
3+4-Methylphenols
Concen: 39.455 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion:	107	Resp:	251686
Ion	Ratio	Lower	Upper
107	100		
108	89.5	65.4	105.4
77	40.1	18.7	58.7
79	35.6	13.7	53.7

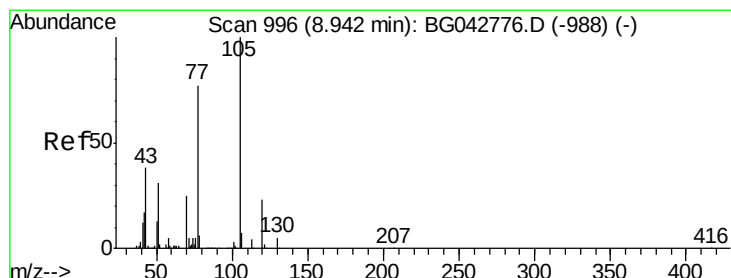
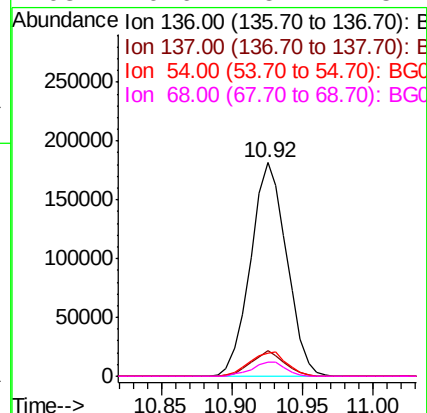
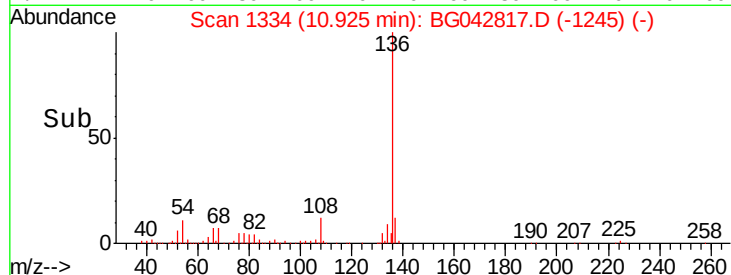
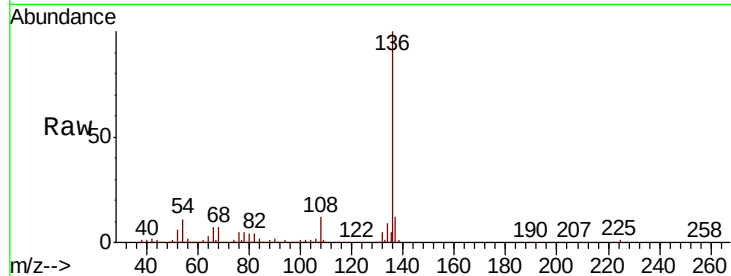




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

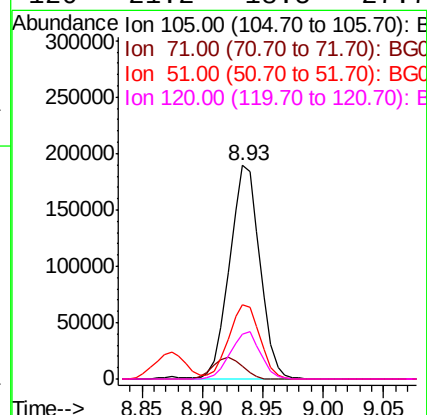
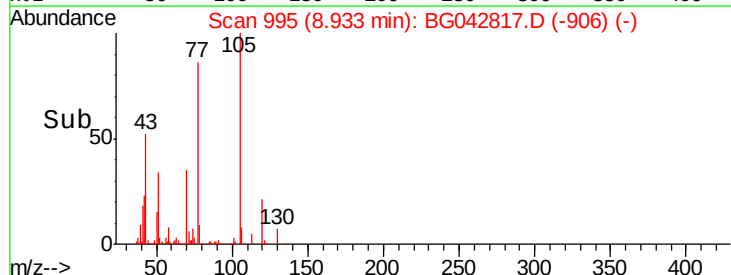
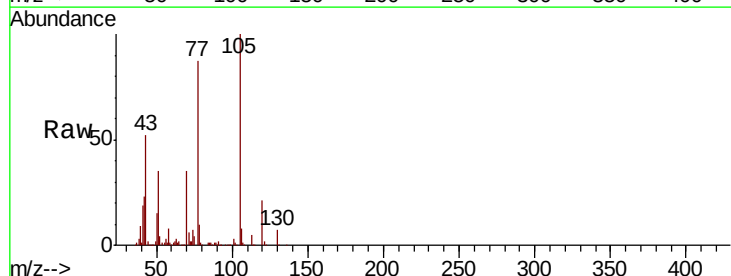
Instrument :
BNA_F
ClientSampled :

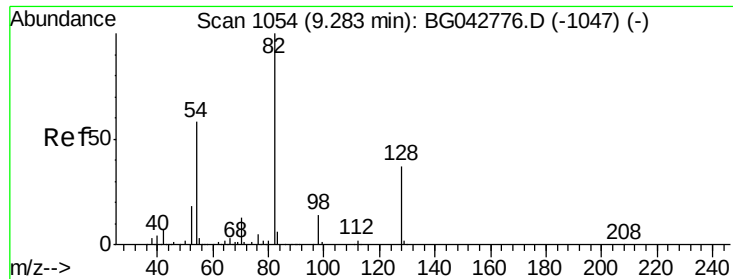
Tot Ion:136	Resp:	326726
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.0 13.6
54	11.0	9.4 14.0
68	6.6	5.4 8.2



#22
Acetophenone
Concen: 39.934 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion:105	Resp:	329517
Ion	Ratio	Lower Upper
105	100	
71	6.1	3.7 5.5#
51	34.6	28.8 43.2
120	21.2	18.5 27.7

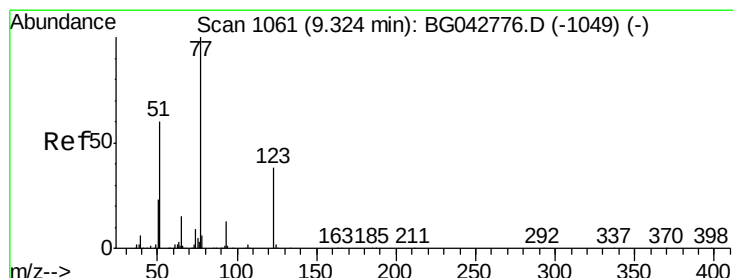
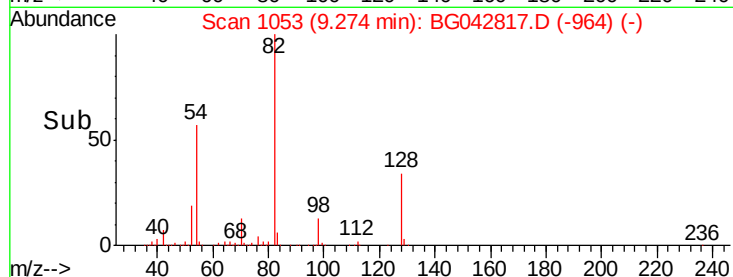
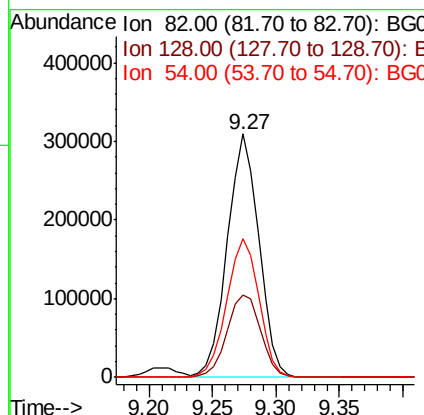
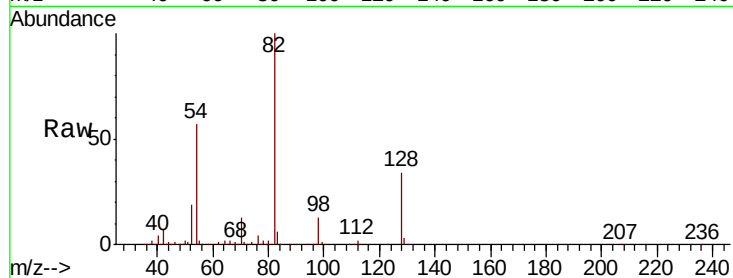




#23
 Nitrobenzene-d5
 Concen: 84.936 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

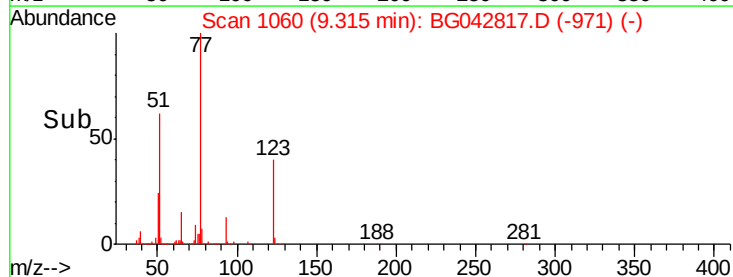
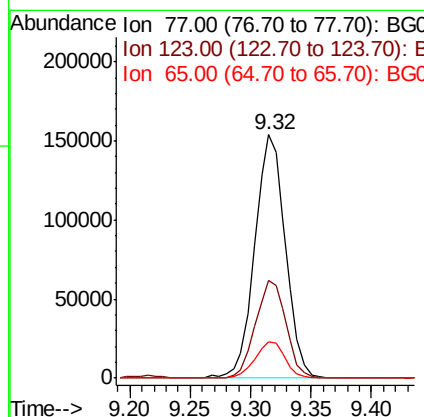
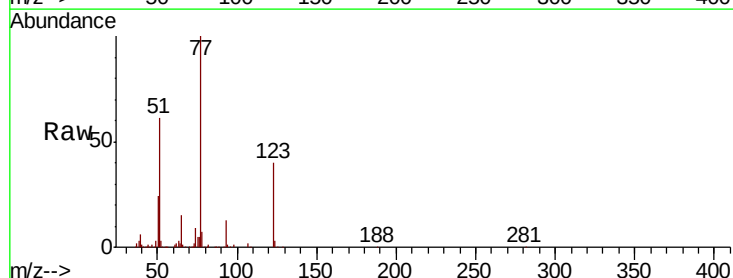
Instrument :
 BNA_F
 ClientSampleId :

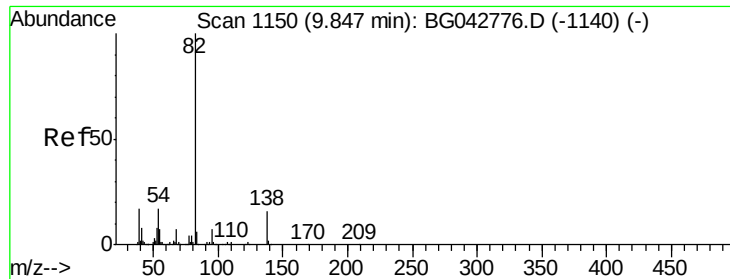
Tot Ion	82	Resp	533029
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.8	44.8
54	56.8	46.1	69.1



#24
 Nitrobenzene
 Concen: 41.202 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion	77	Resp	271409
Ion	Ratio	Lower	Upper
77	100		
123	40.2	30.7	46.1
65	14.8	12.2	18.4





#25

Isophorone

Concen: 40.265 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

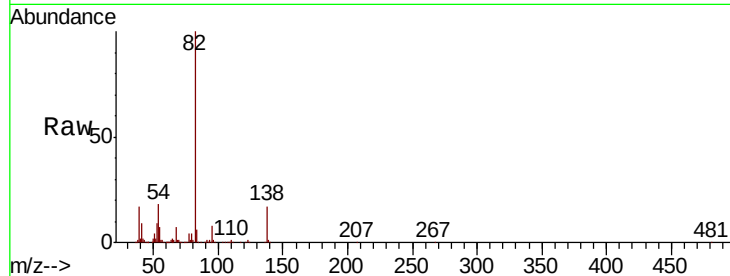
Tot Ion: 82 Resp: 526714

Ion Ratio Lower Upper

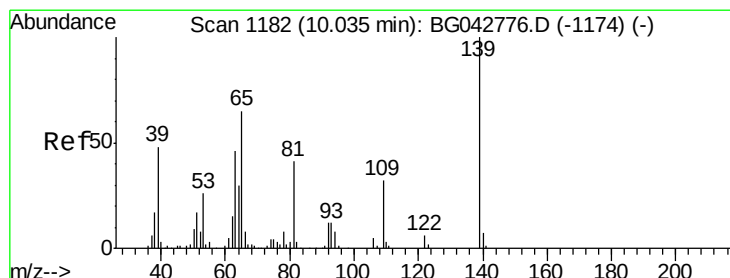
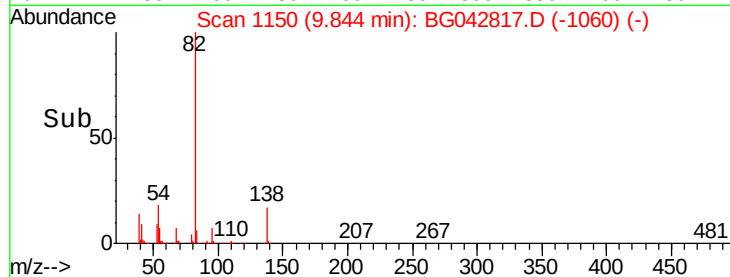
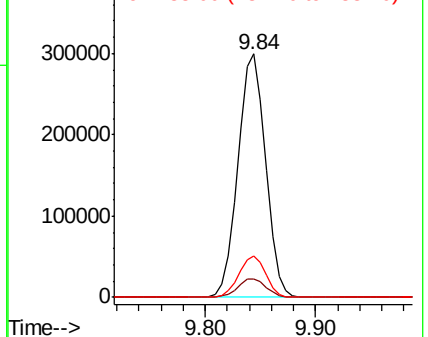
82 100

95 7.5 5.8 8.8

138 17.2 12.9 19.3



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: 42.388 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

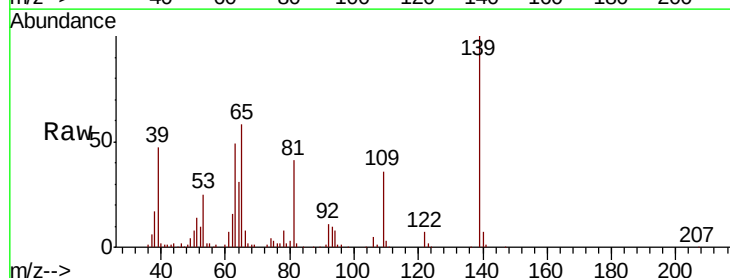
Tgt Ion: 139 Resp: 109797

Ion Ratio Lower Upper

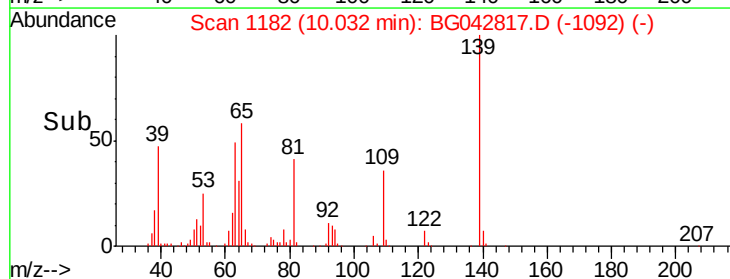
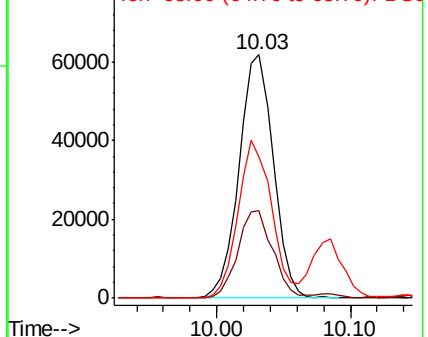
139 100

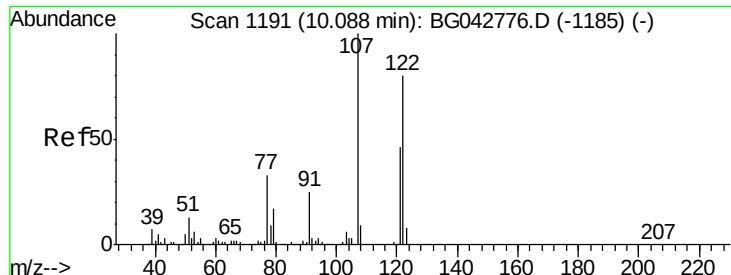
109 36.1 25.8 38.8

65 58.0 52.2 78.2



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

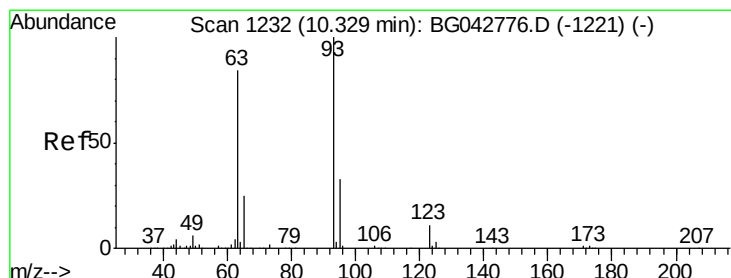
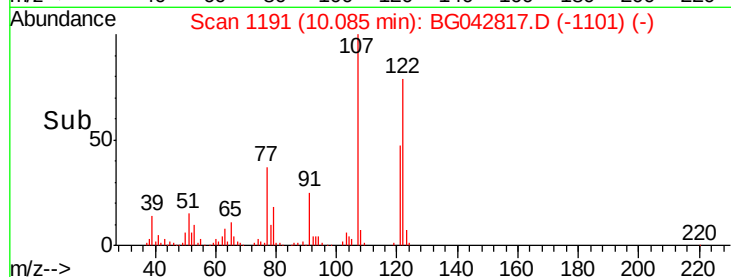
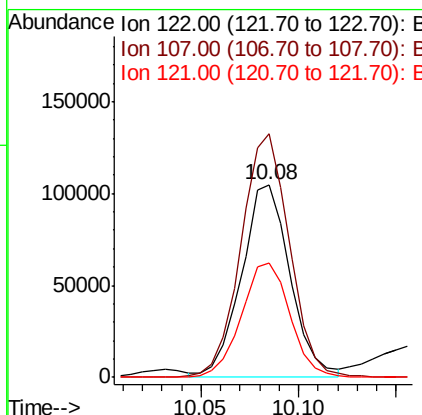
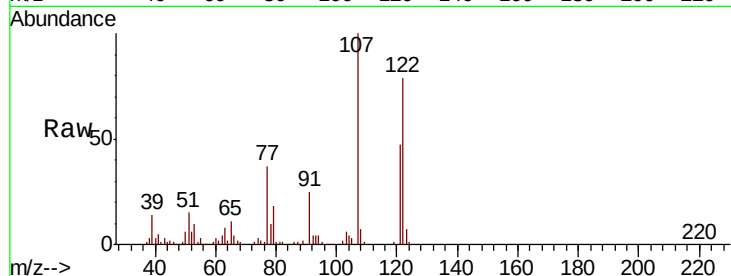




#27
 2,4-Dimethylphenol
 Concen: 39.199 ng
 RT: 10.08 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

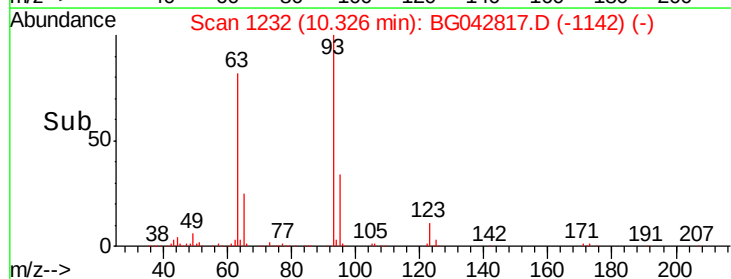
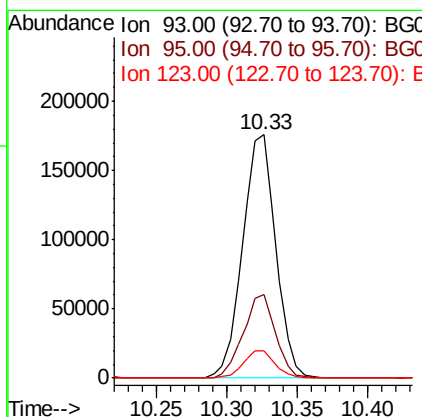
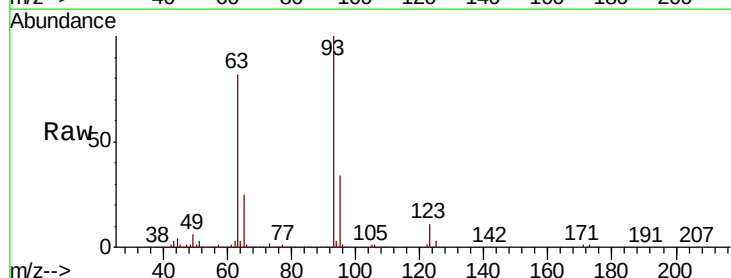
Instrument :
 BNA_F
 ClientSampleId :

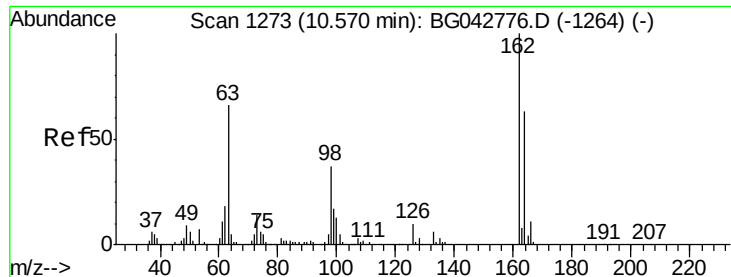
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.5	98.9	148.3
121	59.3	46.2	69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.636 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	26.6	40.0
123	11.3	9.0	13.6

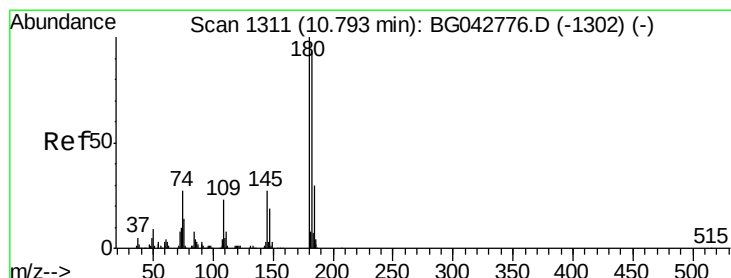
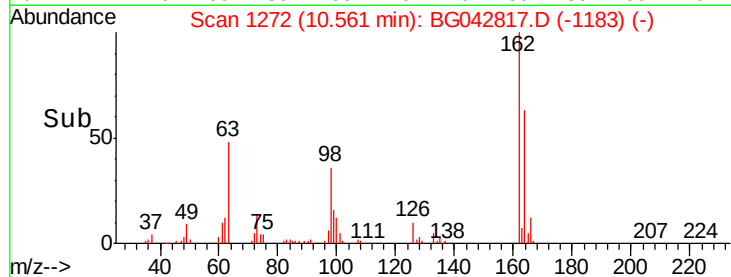
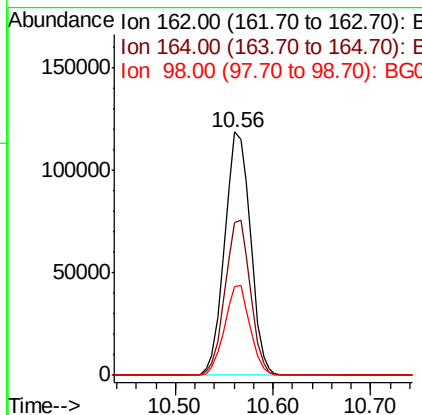
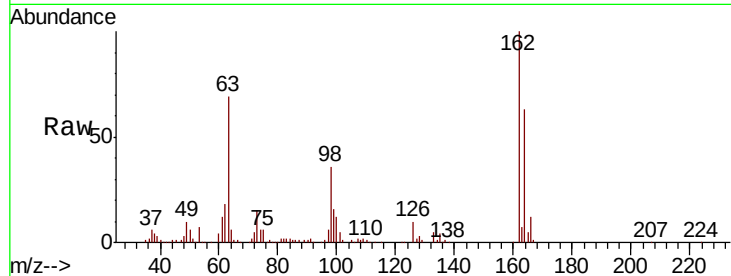




#29
 2,4-Dichlorophenol
 Concen: 40.897 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

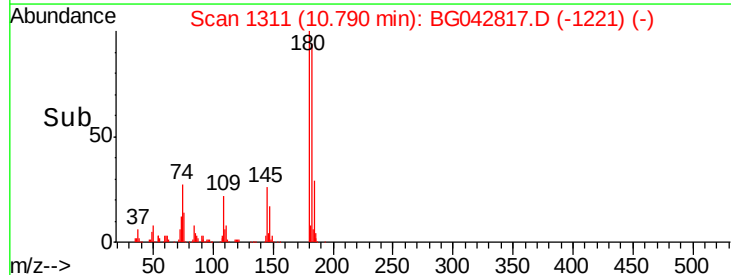
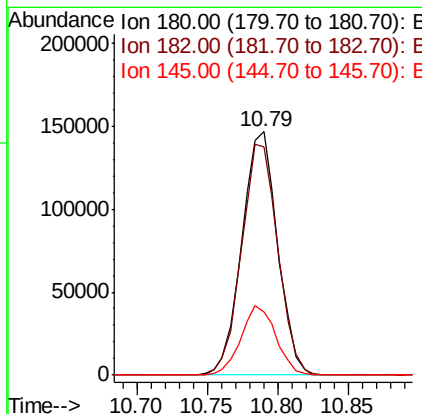
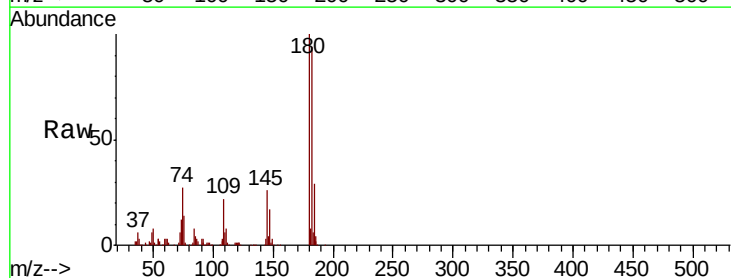
Instrument :
 BNA_F
 ClientSampleId :

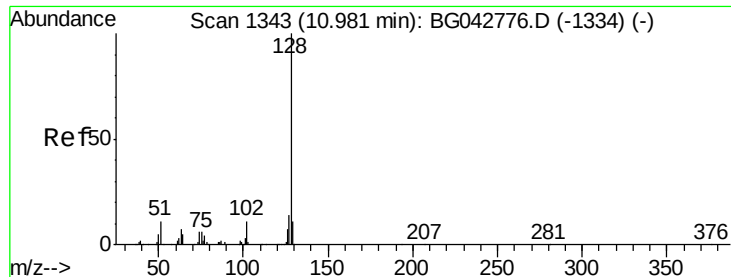
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.4	83.4
98	36.2	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.906 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.6	112.0
145	26.0	21.8	32.6

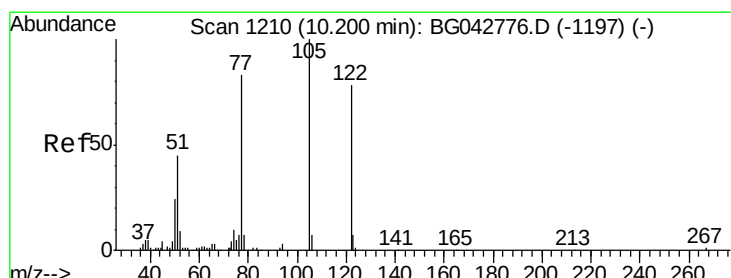
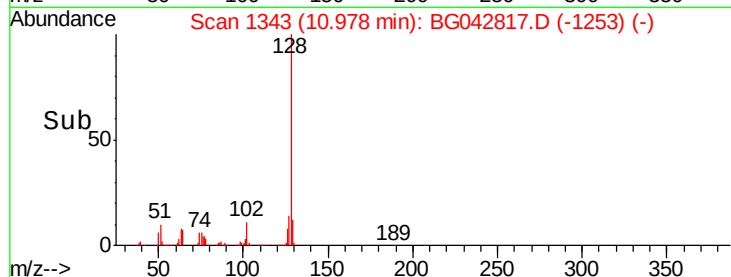
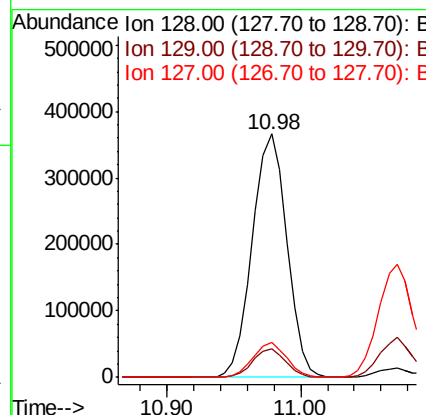
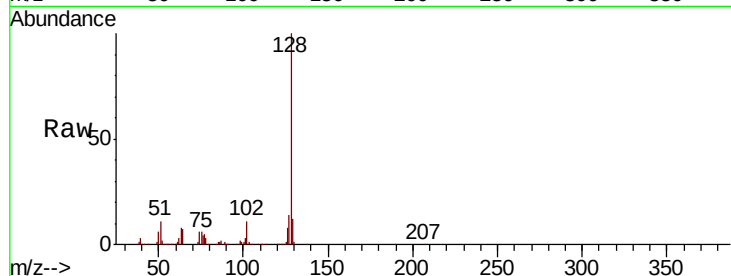




#31
Naphthalene
Concen: 40.606 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

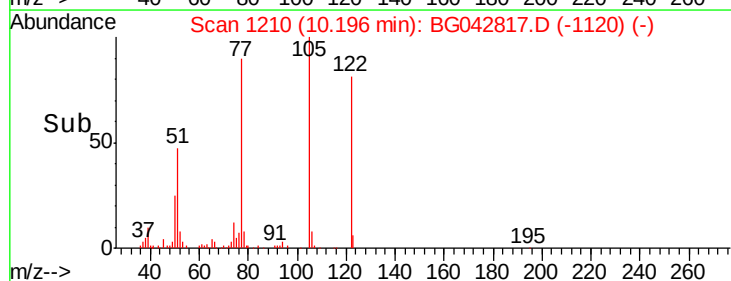
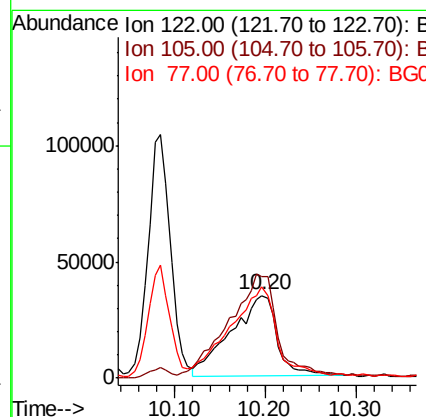
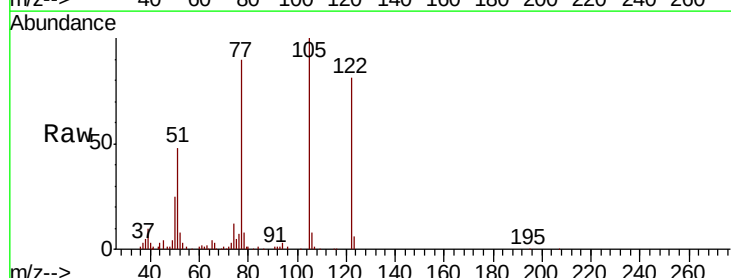
Instrument :
BNA_F
ClientSampled :

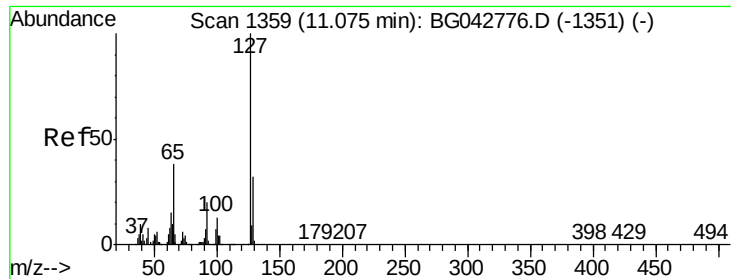
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.5	11.4	17.2



#32
Benzoic acid
Concen: 34.836 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	104.0	144.0
77	110.3	84.2	124.2

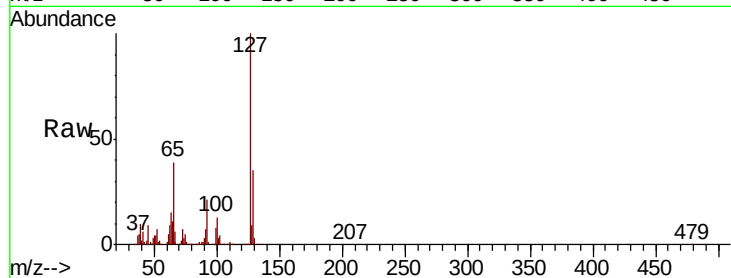




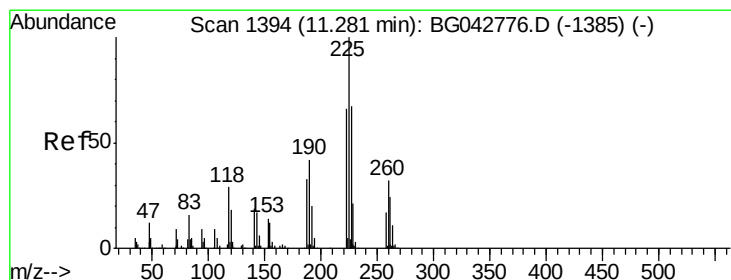
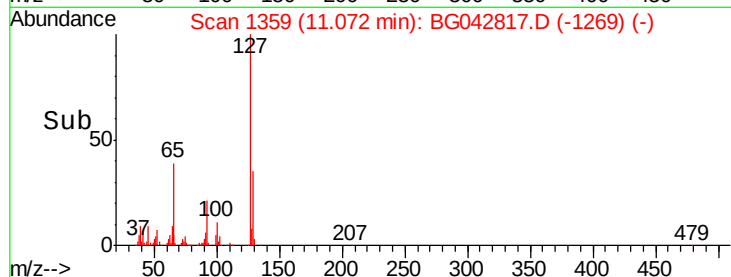
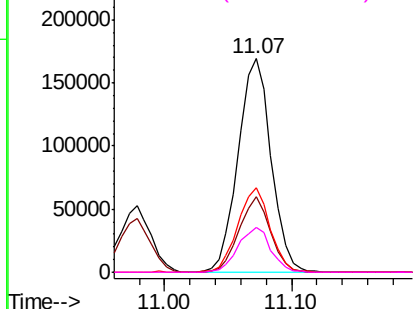
#33
4-Chloroaniline
Concen: 40.385 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	304500
Ion Ratio	Lower	Upper
127	100	
129	35.2	25.8 38.6
65	39.4	30.5 45.7
92	20.8	15.9 23.9

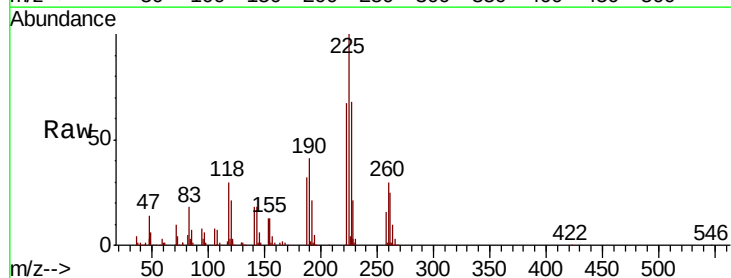


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

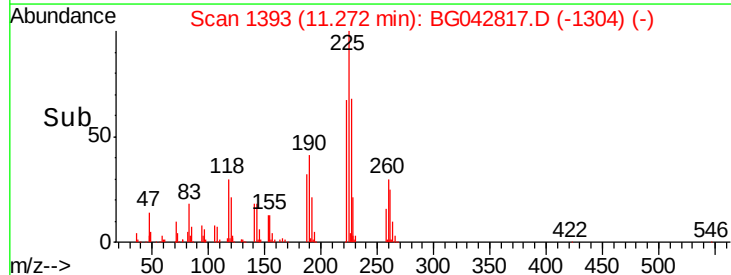
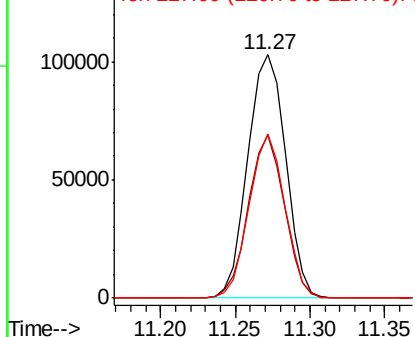


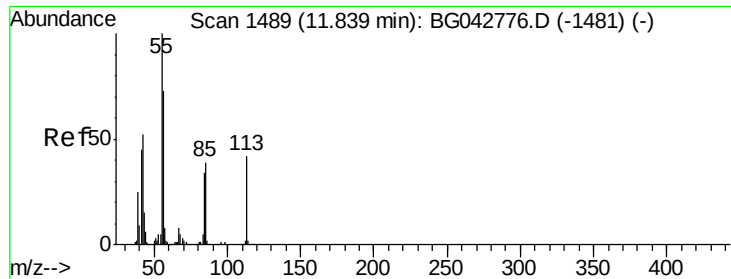
#34
Hexachlorobutadiene
Concen: 39.667 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion:225	Resp:	180673
Ion Ratio	Lower	Upper
225	100	
223	66.9	52.6 79.0
227	67.5	53.6 80.4



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

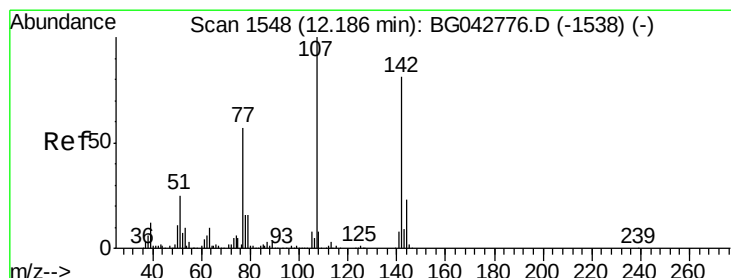
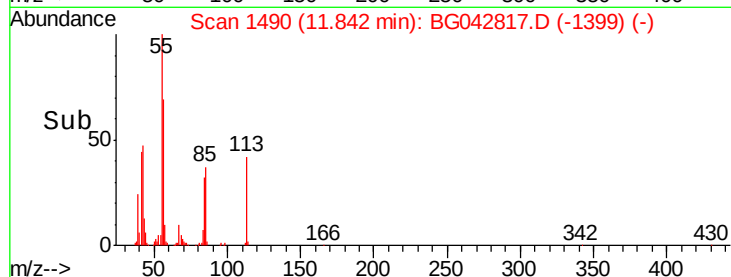
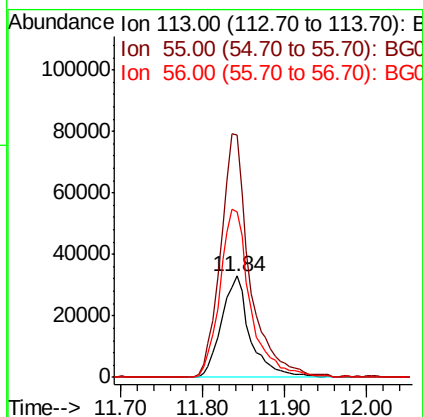
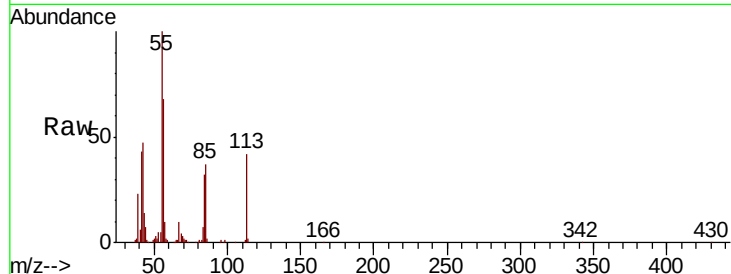




#35
 Caprolactam
 Concen: 40.577 ng
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

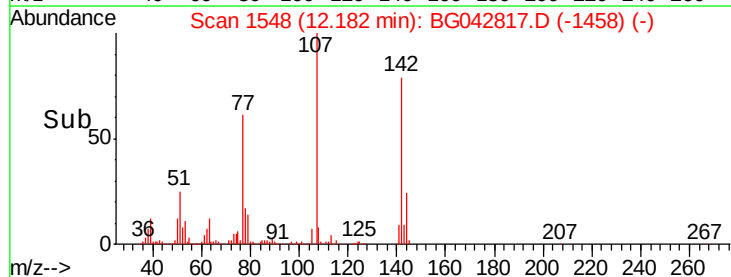
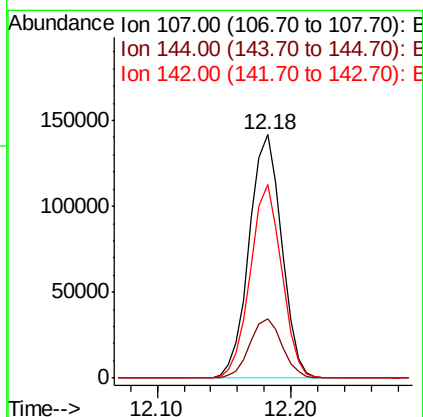
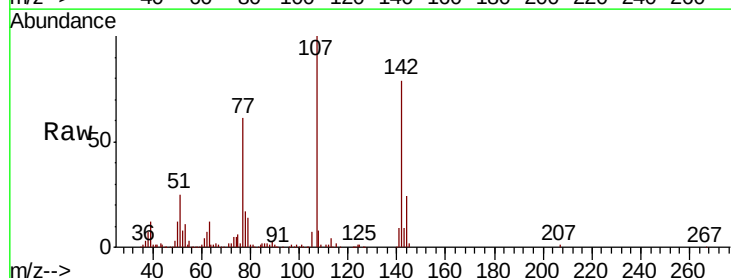
Instrument :
 BNA_F
 ClientSampleId :

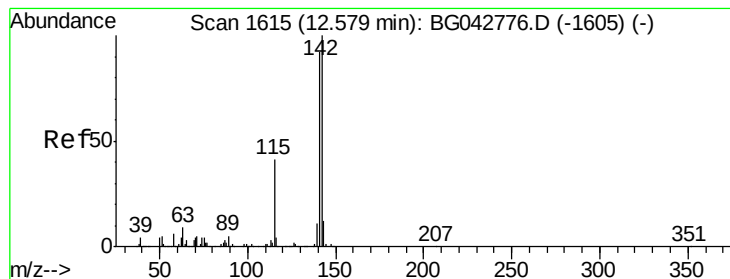
Tot Ion:113 Resp: 80344
 Ion Ratio Lower Upper
 113 100
 55 239.7 218.4 258.4
 56 164.2 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.109 ng
 RT: 12.18 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion:107 Resp: 237662
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.7 28.1
 142 79.4 65.0 97.4





#37

2-Methylnaphthalene

Concen: 40.292 ng

RT: 12.58 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

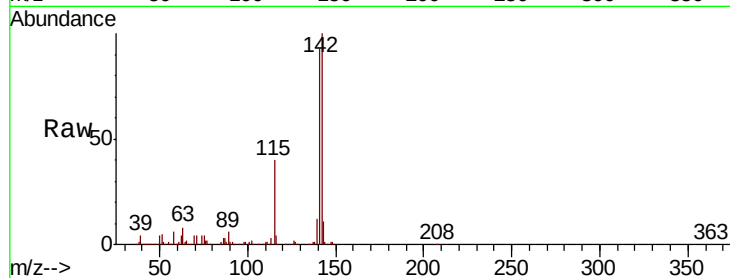
Tot Ion:142 Resp: 486888

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.8

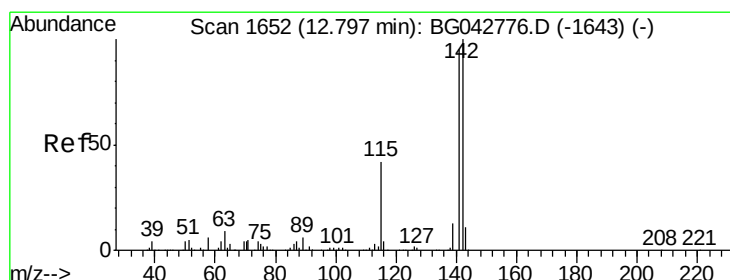
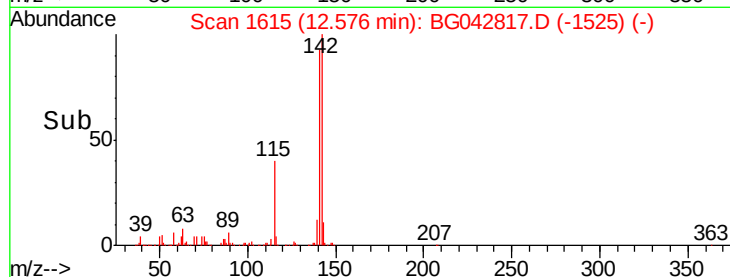
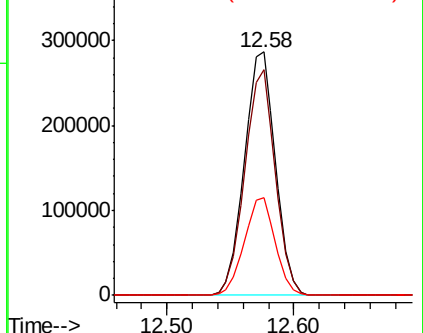
115 40.2 33.0 49.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.603 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

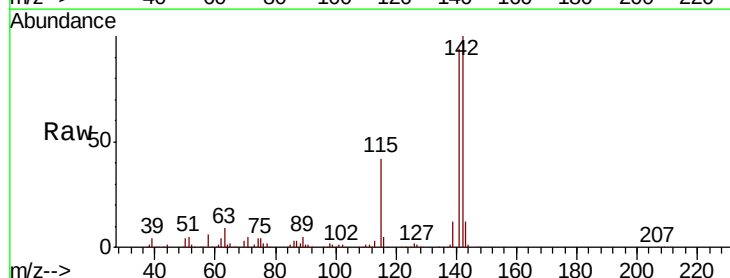
Tgt Ion:142 Resp: 460182

Ion Ratio Lower Upper

142 100

141 93.8 76.3 114.5

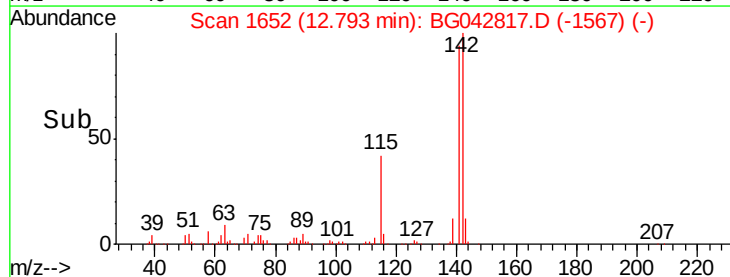
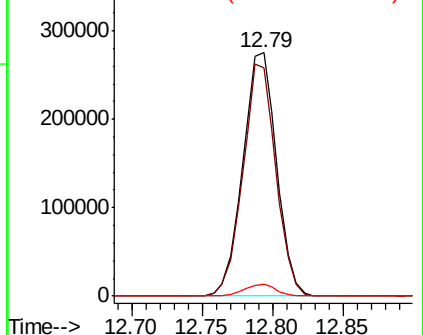
116 4.9 3.4 5.0

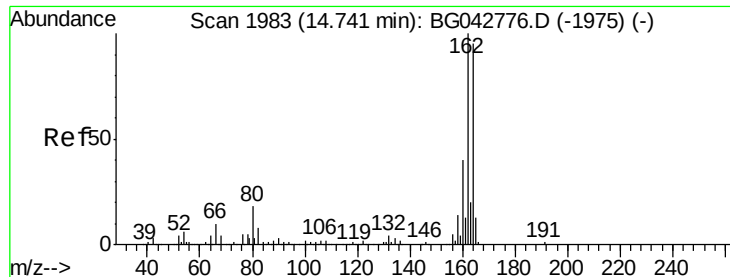


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

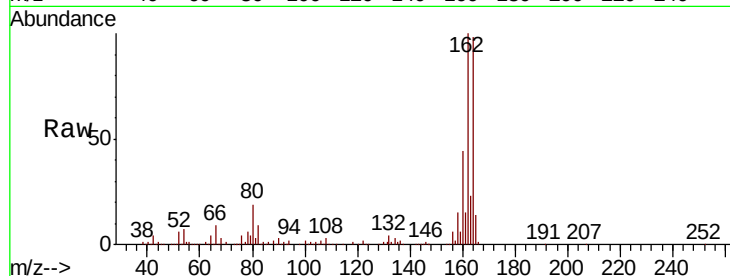
Tot Ion:164 Resp: 225891

Ion Ratio Lower Upper

164 100

162 102.1 84.6 126.8

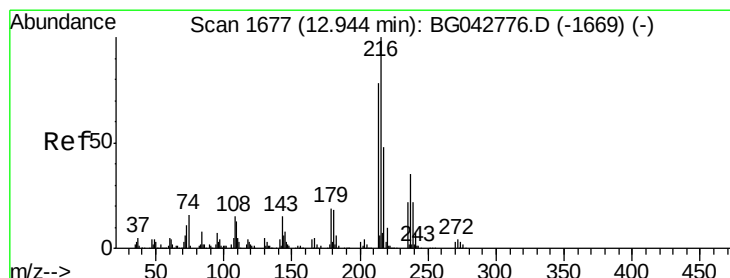
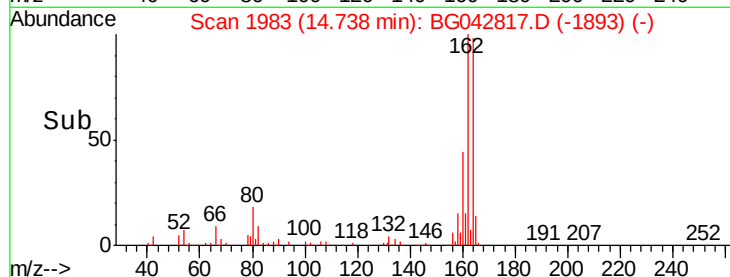
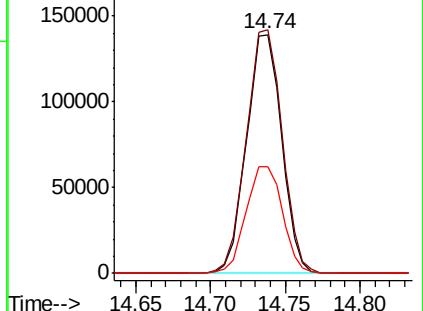
160 44.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.577 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Tgt Ion:216 Resp: 295423

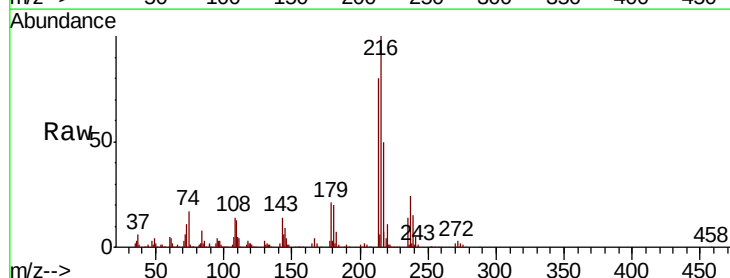
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 19.9 15.3 22.9

108 16.4 12.9 19.3

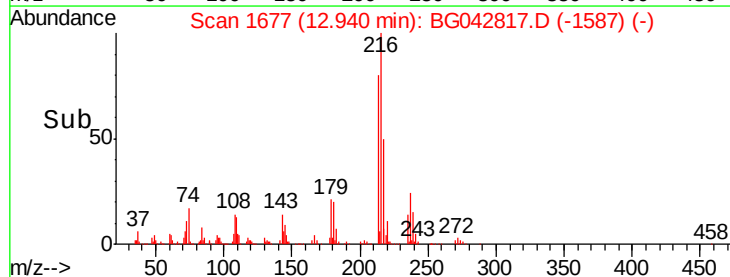
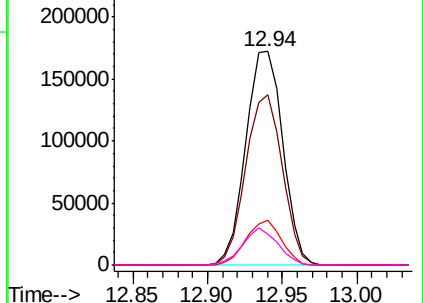


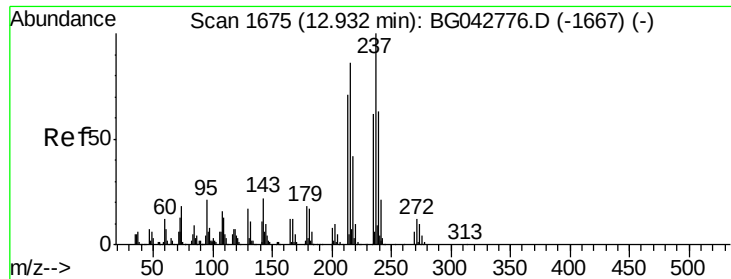
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.069 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampled :

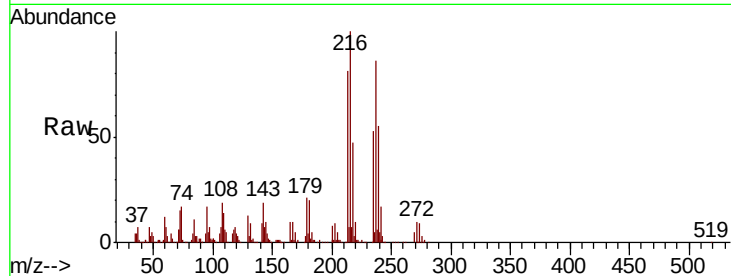
Tot Ion:237 Resp: 175620

Ion Ratio Lower Upper

237 100

235 61.7 41.9 81.9

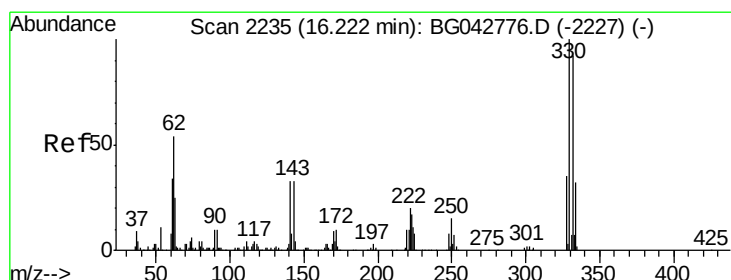
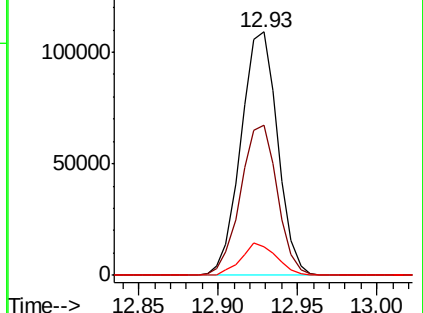
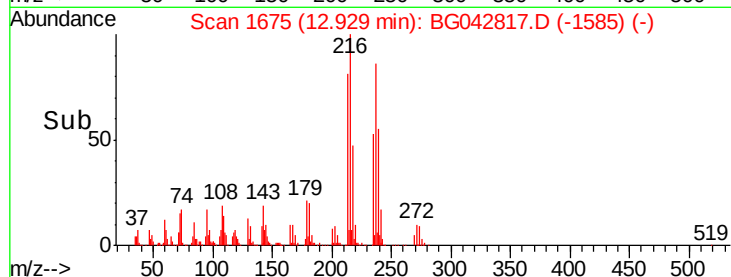
272 11.5 0.0 31.6



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: 80.992 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

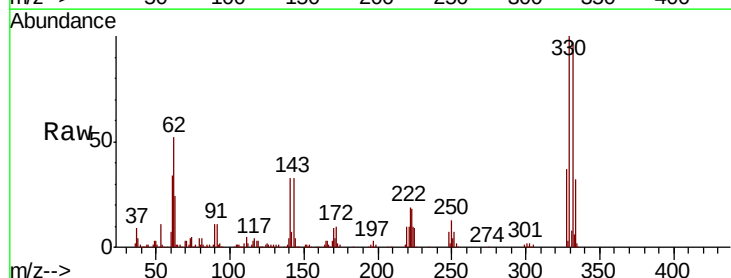
Tgt Ion:330 Resp: 243407

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

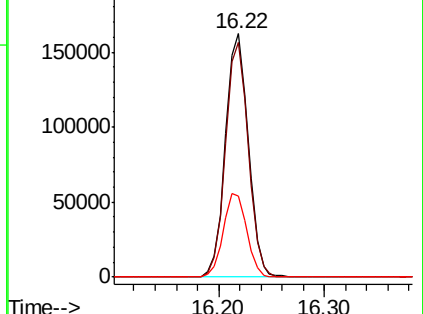
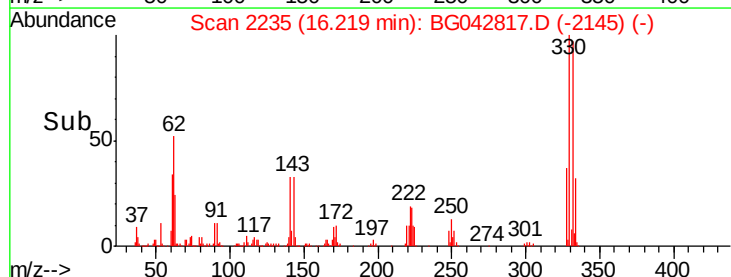
141 35.4 27.0 40.6

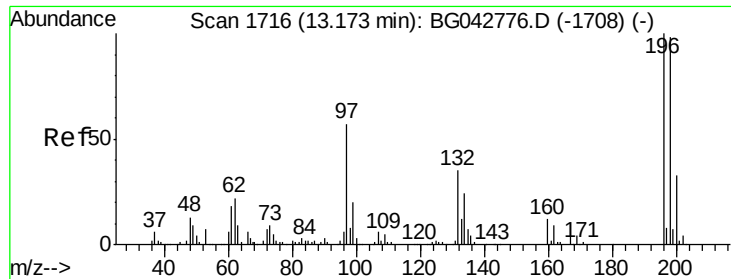


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

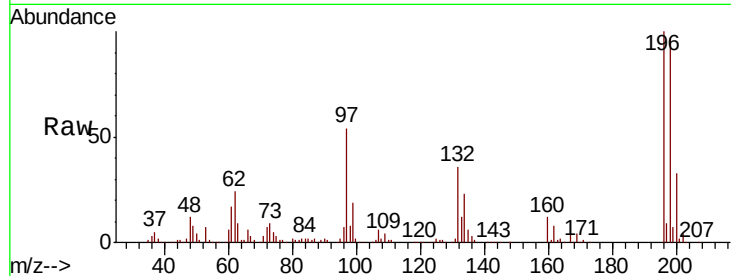




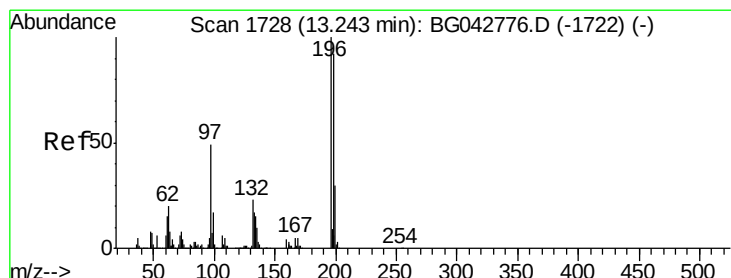
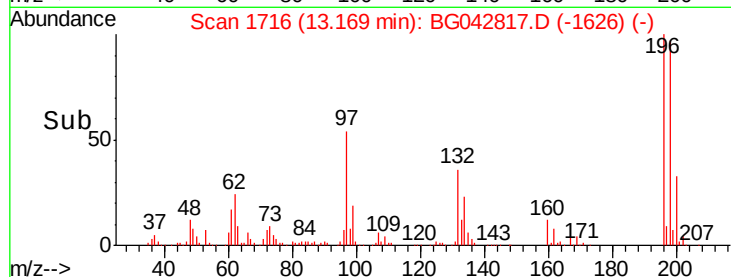
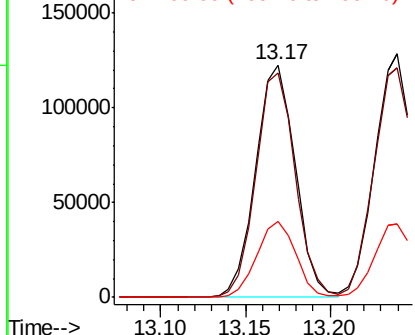
#43
 2,4,6-Trichlorophenol
 Concen: 40.477 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 201148
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.8 118.2
 200 32.7 26.2 39.4

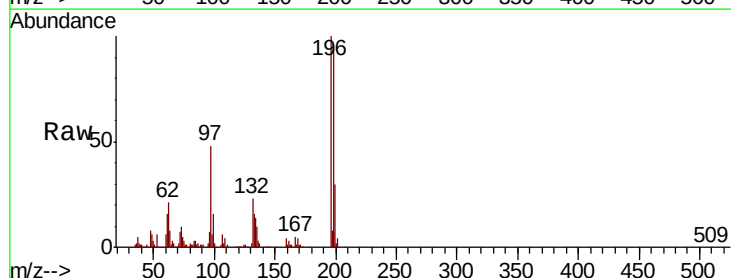


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

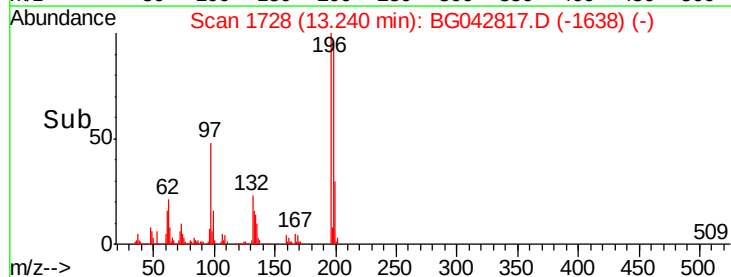
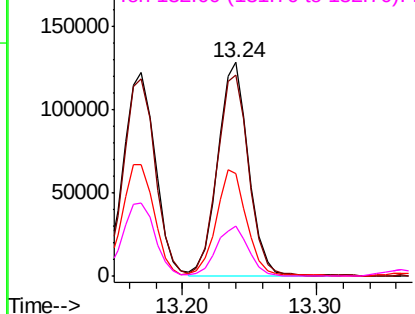


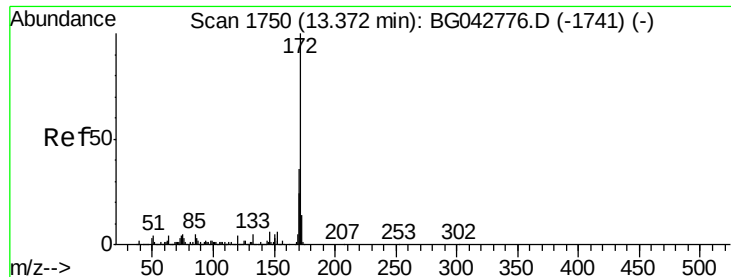
#44
 2,4,5-Trichlorophenol
 Concen: 40.612 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion:196 Resp: 206723
 Ion Ratio Lower Upper
 196 100
 198 94.3 73.4 110.0
 97 47.7 39.2 58.8
 132 23.1 18.7 28.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E



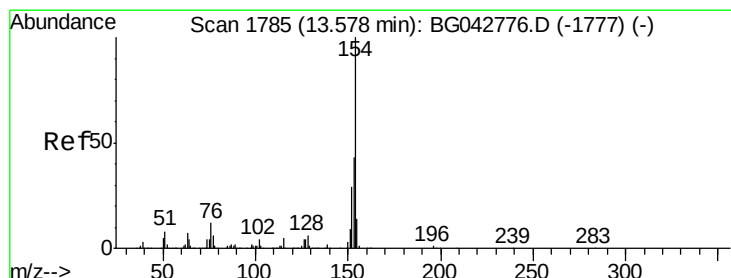
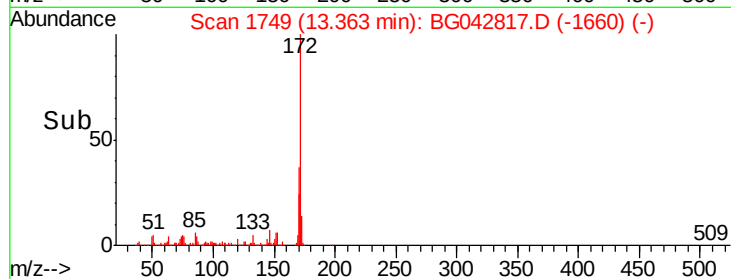
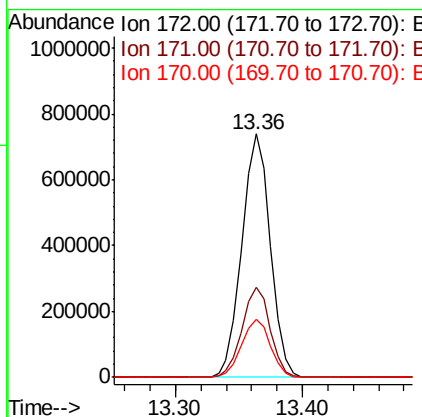
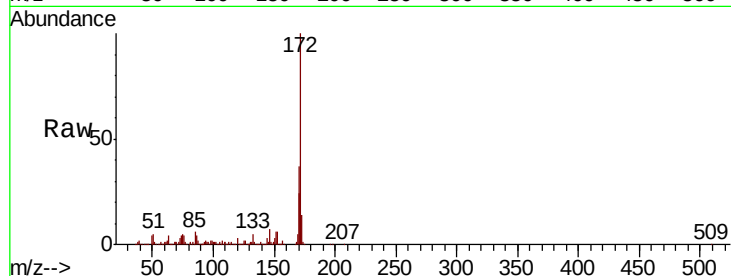


#45
 2-Fluorobiphenyl
 Concen: 80.442 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1147943

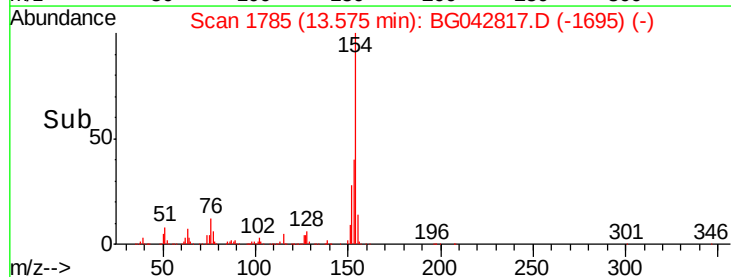
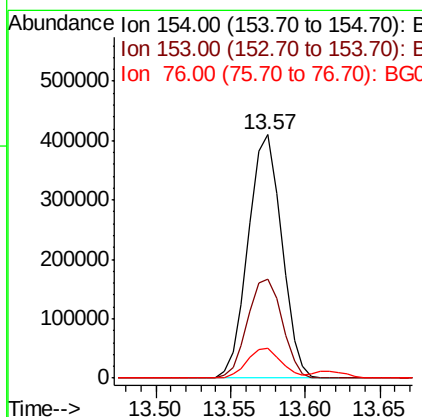
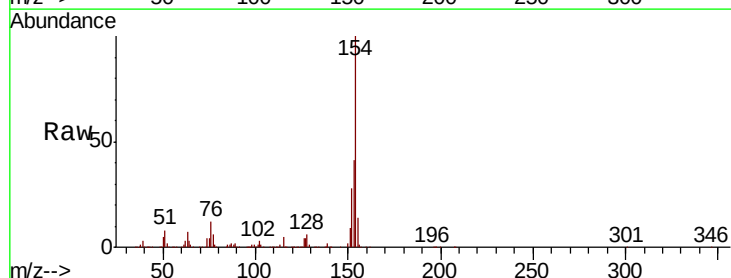
Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.0	19.1	28.7

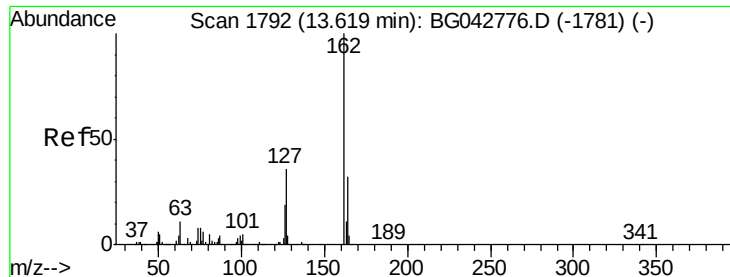


#46
 1,1'-Biphenyl
 Concen: 40.266 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion:154 Resp: 636757

Ion	Ratio	Lower	Upper
154	100		
153	40.5	22.6	62.6
76	12.0	0.0	32.2

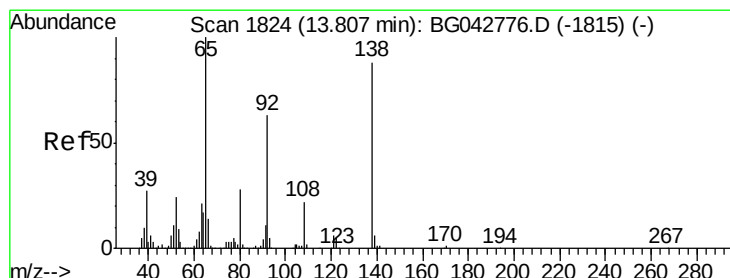
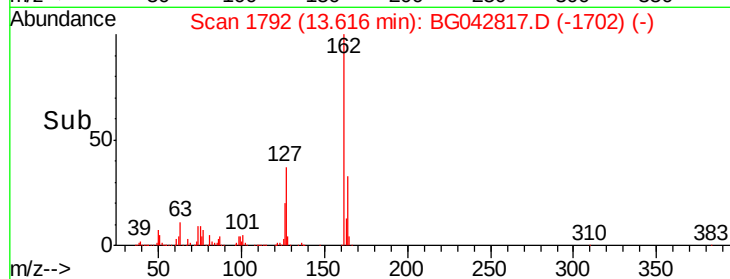
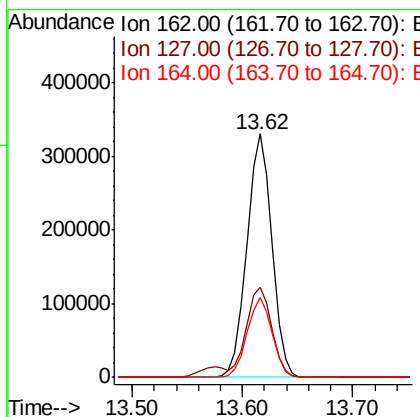
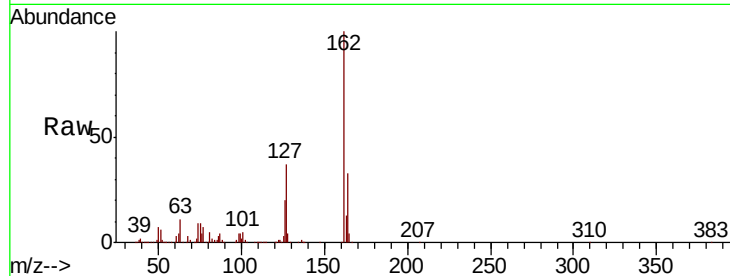




#47
 2-Chloronaphthalene
 Concen: 40.215 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

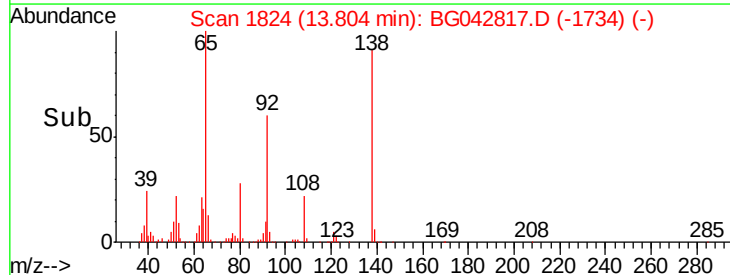
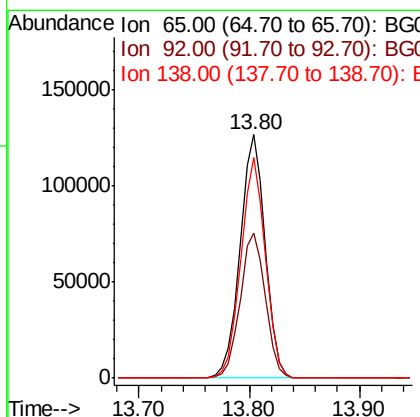
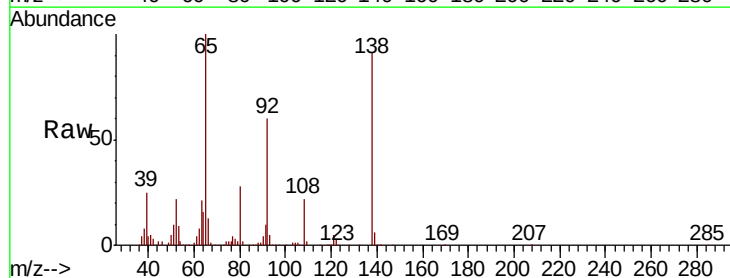
Instrument :
 BNA_F
 ClientSampleId :

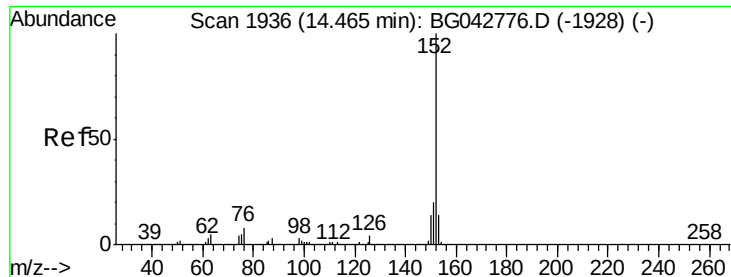
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.3	43.9
164	32.5	26.0	39.0



#48
 2-Nitroaniline
 Concen: 44.743 ng
 RT: 13.80 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.8	50.4	75.6
138	90.8	70.6	106.0





#49

Acenaphthylene

Concen: 40.775 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

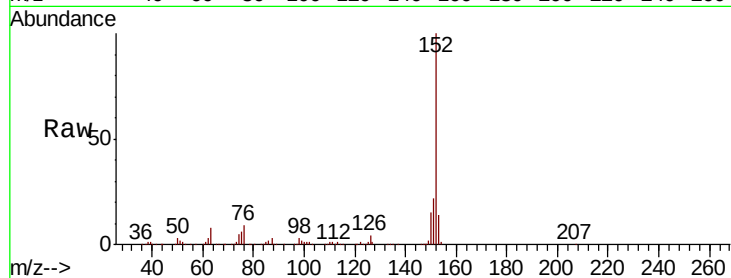
Tot Ion:152 Resp: 815119

Ion Ratio Lower Upper

152 100

151 21.7 16.0 24.0

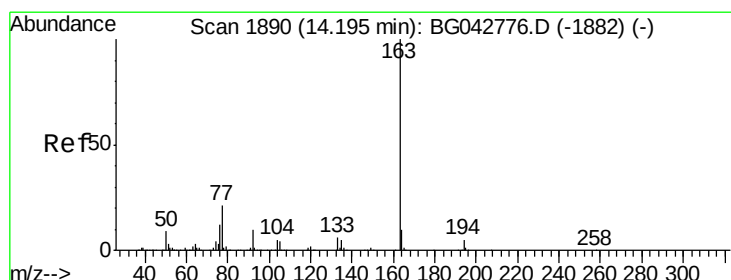
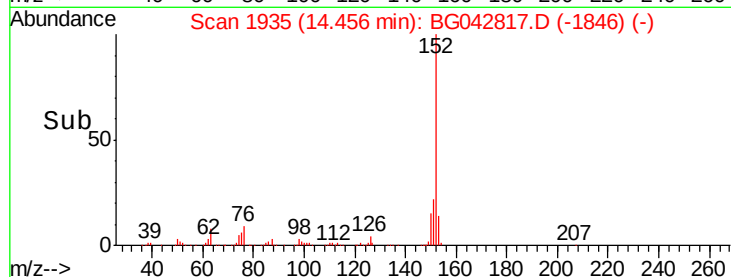
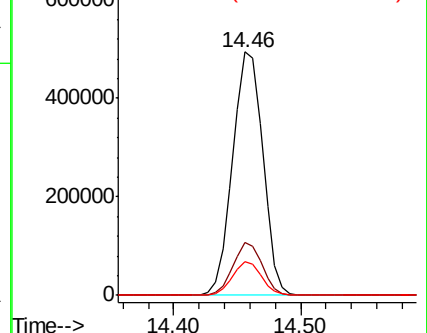
153 13.6 11.4 17.0



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: 40.410 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

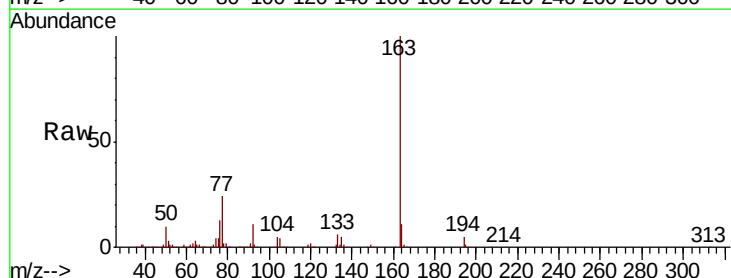
Tgt Ion:163 Resp: 683826

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.4

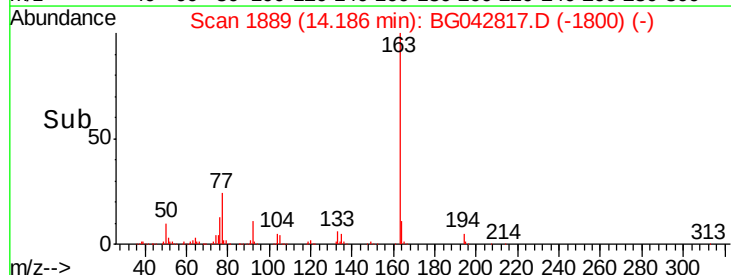
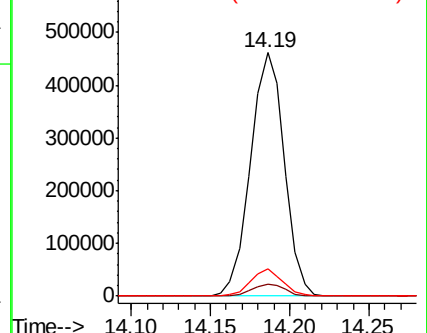
164 11.0 8.4 12.6

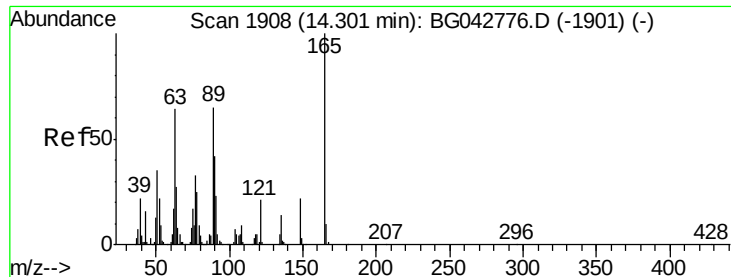


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.848 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampled :

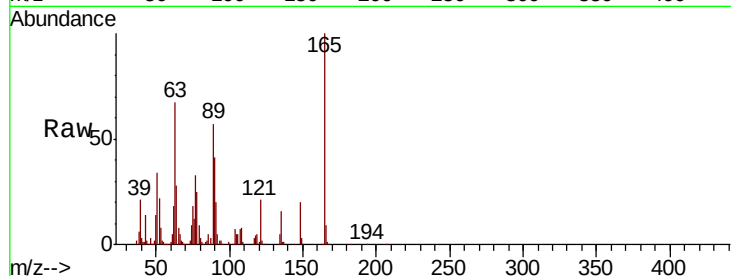
Tot Ion:165 Resp: 148778

Ion Ratio Lower Upper

165 100

63 66.8 52.1 78.1

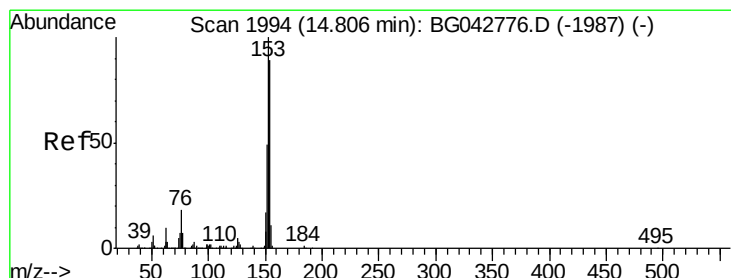
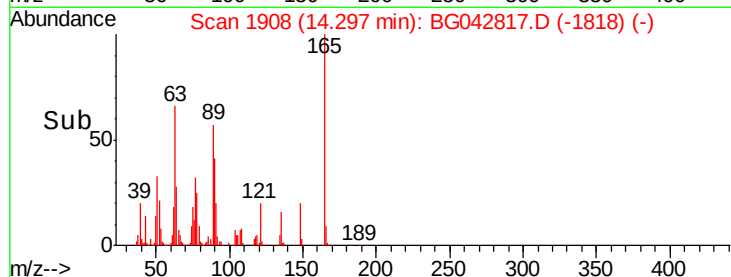
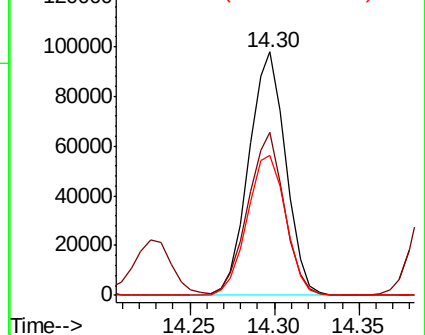
89 57.3 51.7 77.5



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



#52

Acenaphthene

Concen: 39.084 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

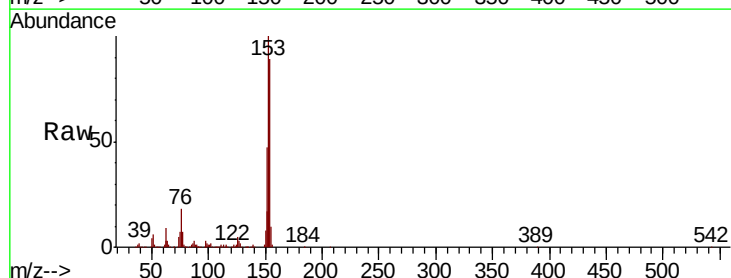
Tgt Ion:154 Resp: 510438

Ion Ratio Lower Upper

154 100

153 111.9 89.4 134.2

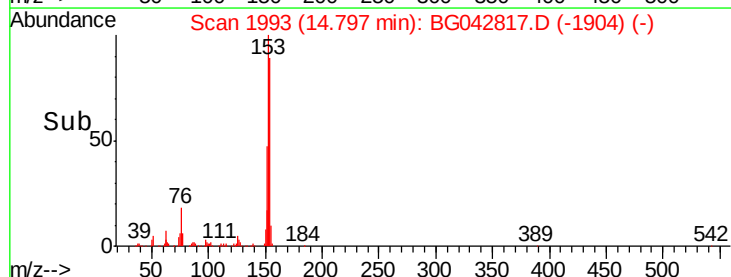
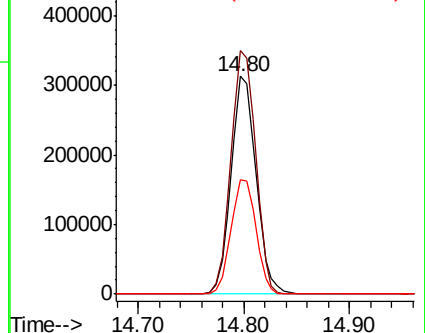
152 52.8 43.5 65.3

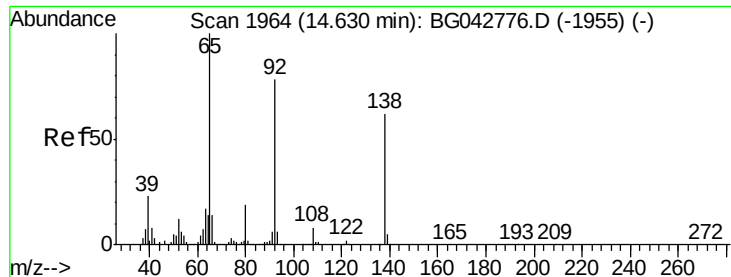


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

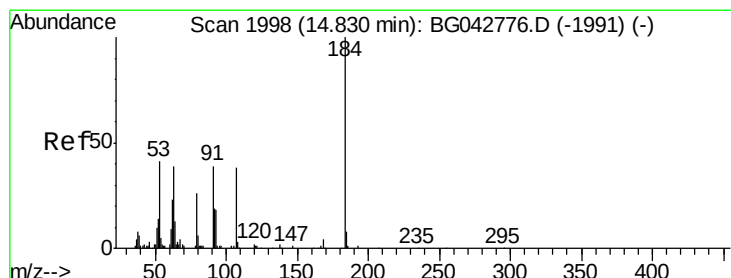
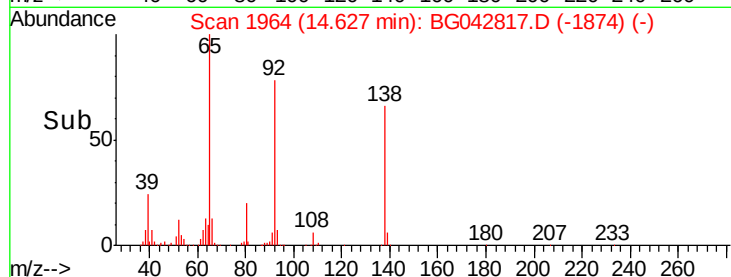
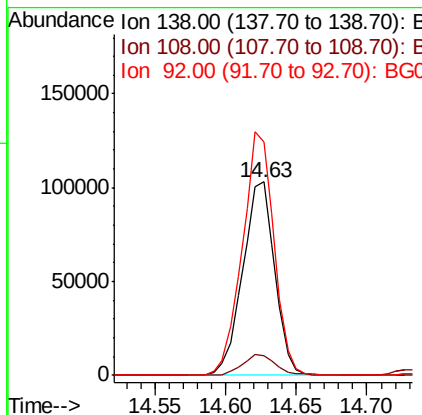
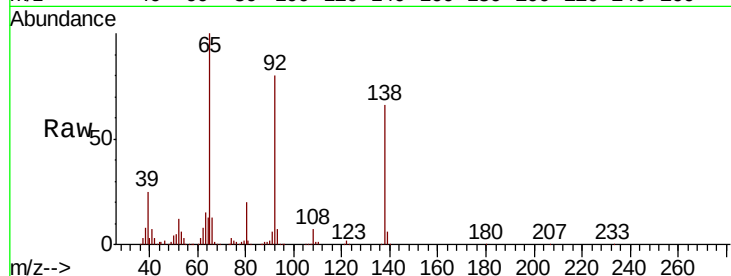




#53
 3-Nitroaniline
 Concen: 41.986 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

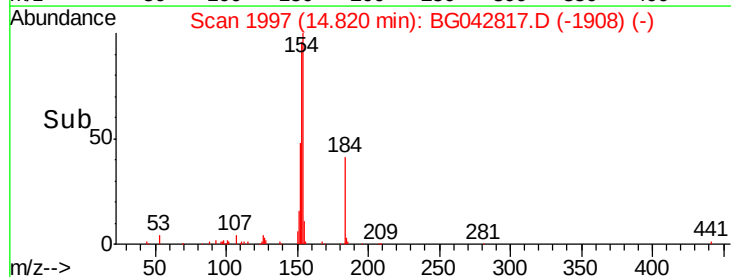
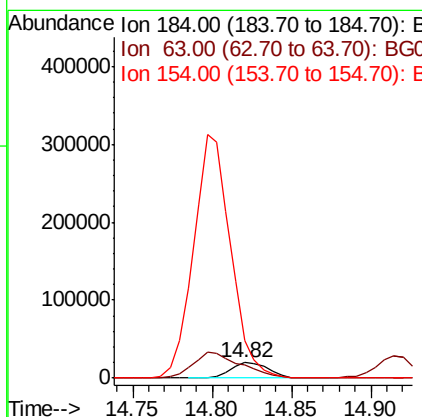
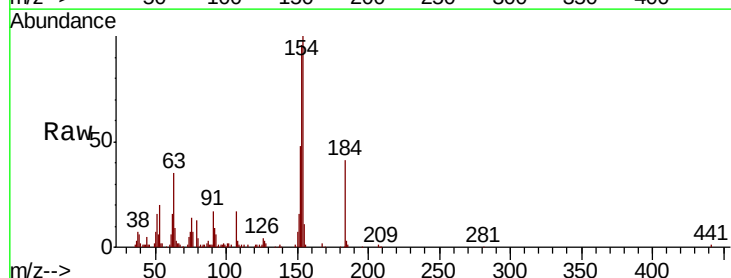
Instrument :
 BNA_F
 ClientSampleId :

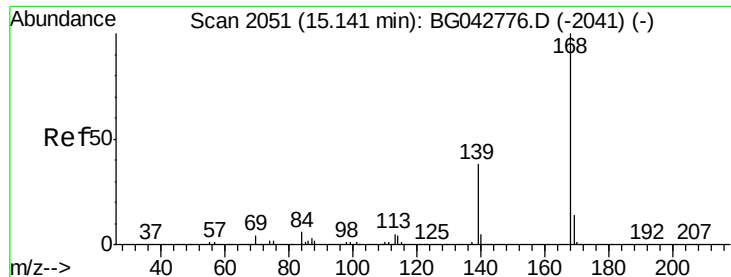
Tot Ion:138 Resp: 163619
 Ion Ratio Lower Upper
 138 100
 108 10.3 10.7 16.1#
 92 120.9 100.5 150.7



#54
 2,4-Dinitrophenol
 Concen: 19.453 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion:184 Resp: 33252
 Ion Ratio Lower Upper
 184 100
 63 85.0 46.2 69.4#
 154 241.1 81.3 121.9#

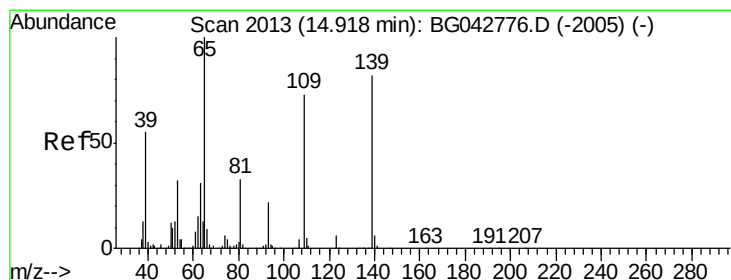
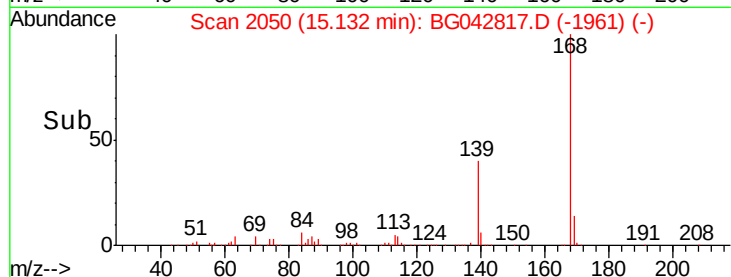
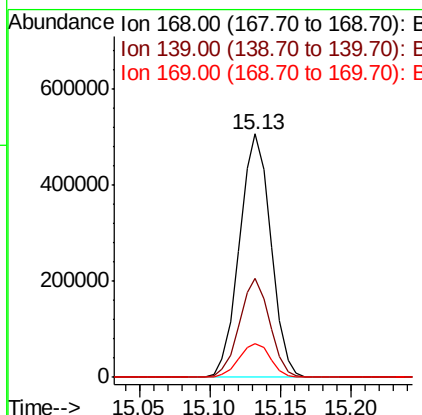
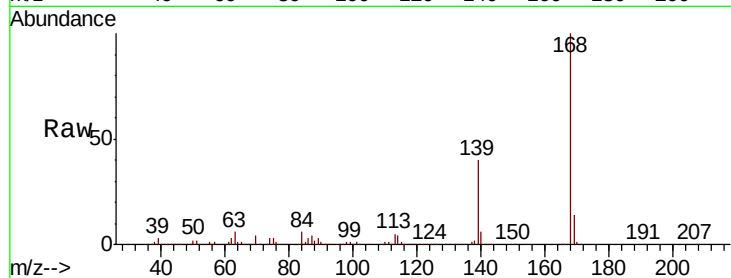




#55
Dibenzofuran
Concen: 40.485 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

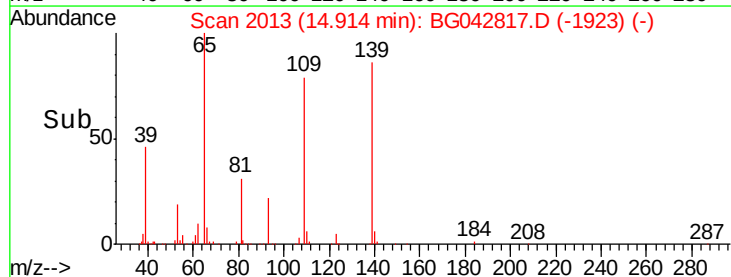
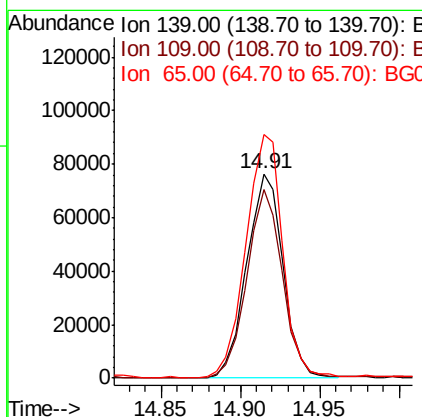
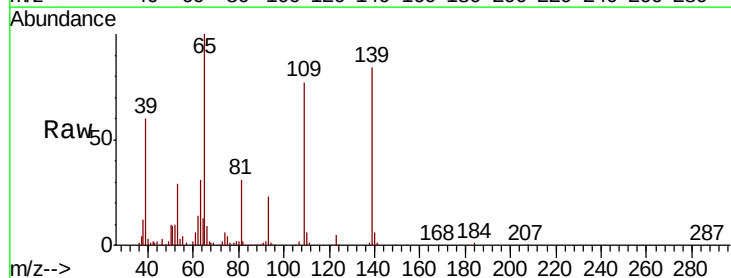
Instrument :
BNA_F
ClientSampleId :

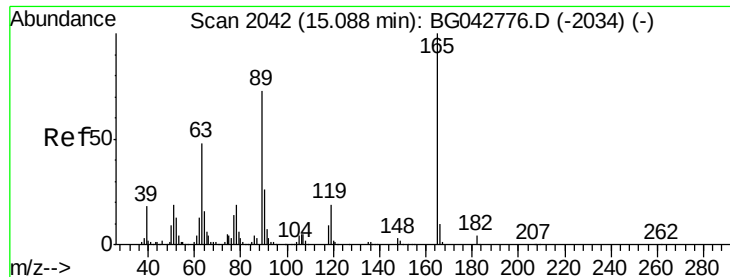
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.2	45.4
169	13.9	11.2	16.8



#56
4-Nitrophenol
Concen: 40.350 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.1	69.4	109.4
65	119.1	102.5	142.5

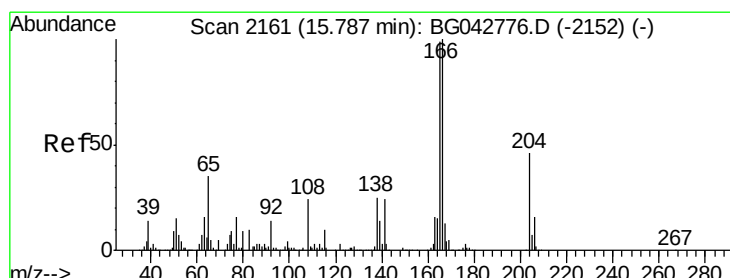
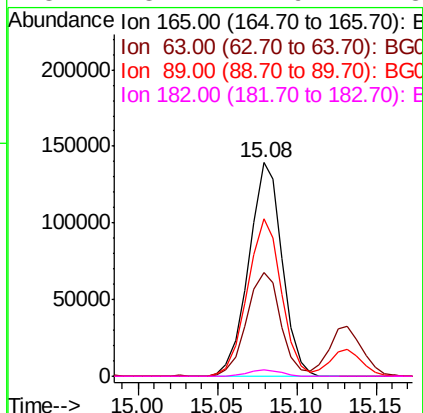
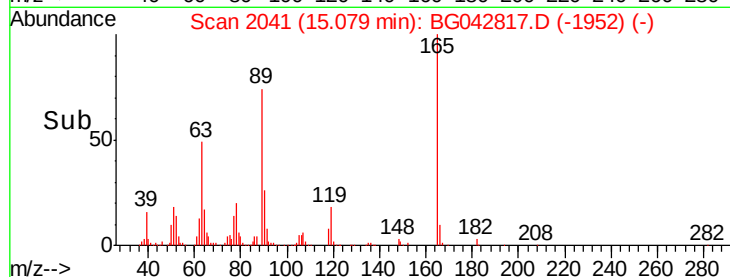
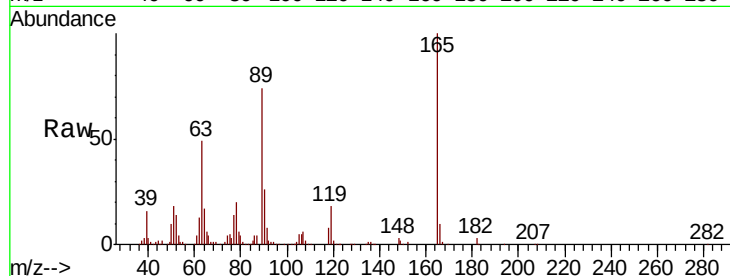




#57
2,4-Dinitrotoluene
Concen: 43.857 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

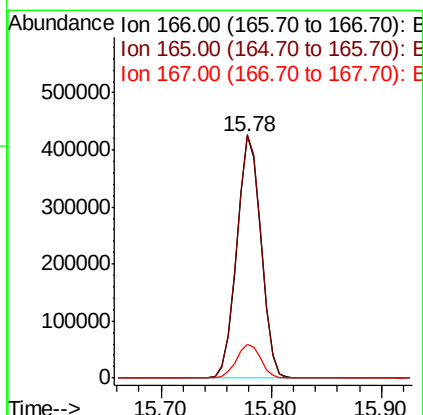
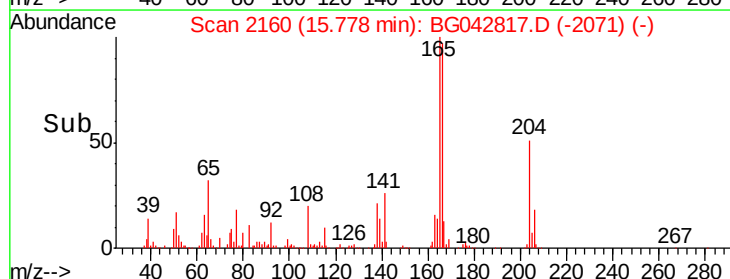
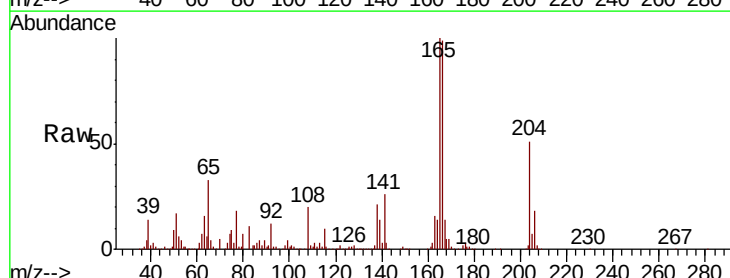
Instrument :
BNA_F
ClientSampleId :

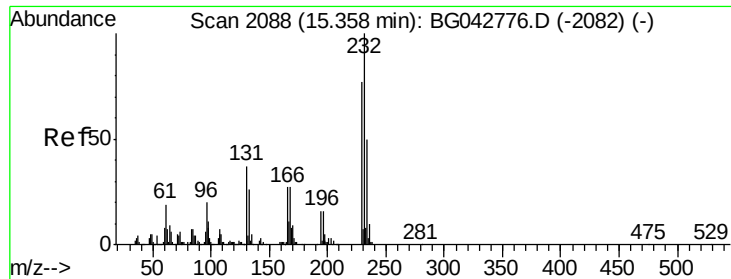
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	48.6	38.3	57.5	
89	73.7	58.4	87.6	
182	3.2	2.9	4.3	



#58
Fluorene
Concen: 40.510 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	100.6	79.1	118.7	
167	13.9	10.7	16.1	

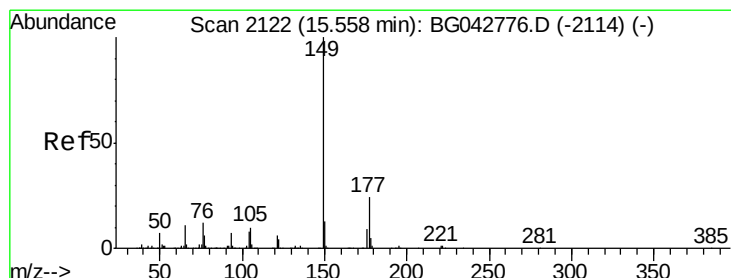
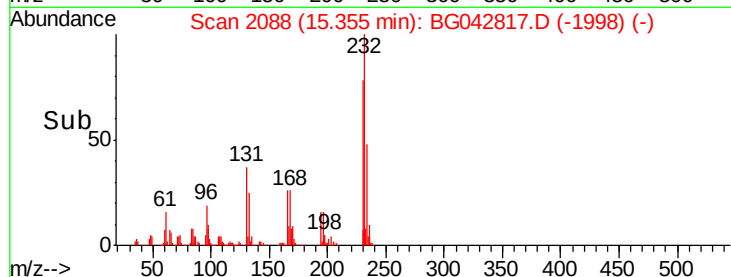
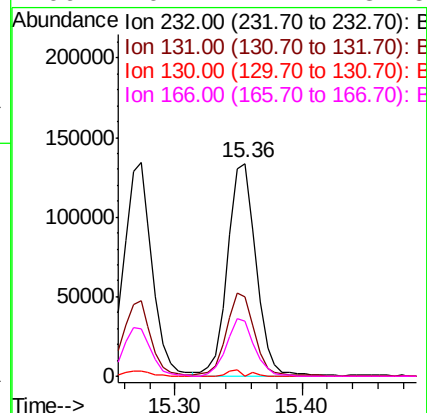
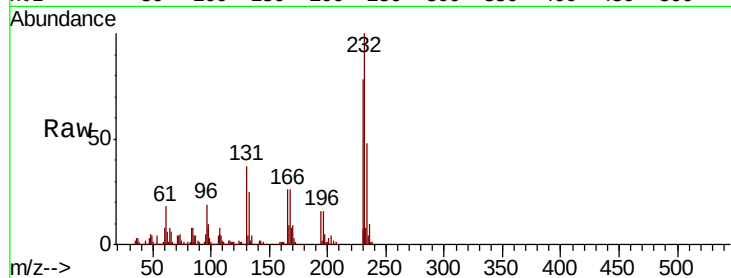




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.221 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

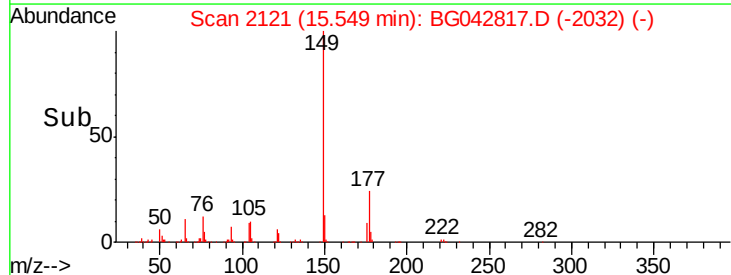
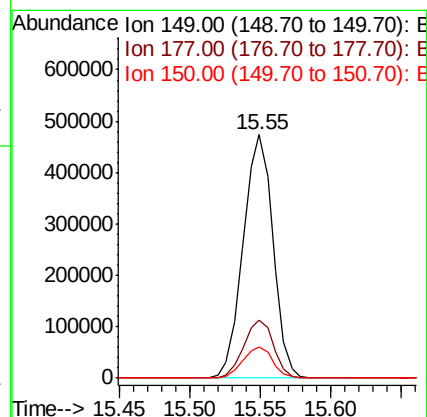
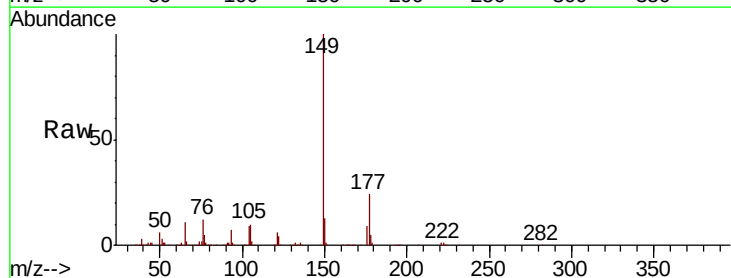
Instrument :
 BNA_F
 ClientSampleId :

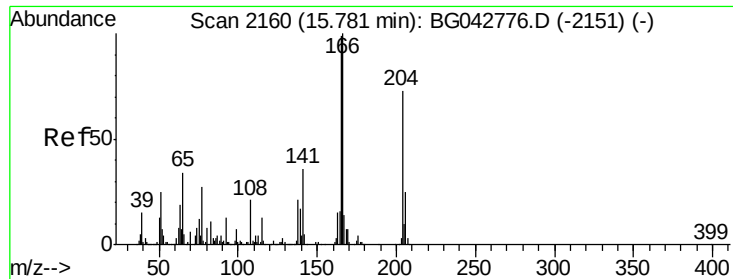
Tot Ion:232	Resp:	208334
Ion Ratio	Lower	Upper
232	100	
131	38.7	31.1 46.7
130	2.0	1.8 2.6
166	26.2	21.7 32.5



#60
 Diethylphthalate
 Concen: 40.537 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion:149	Resp:	696314
Ion Ratio	Lower	Upper
149	100	
177	23.7	19.4 29.0
150	13.0	10.2 15.4

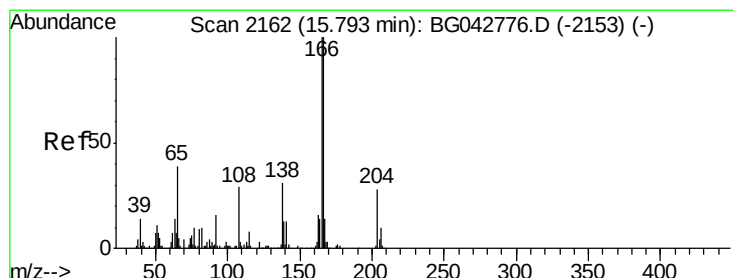
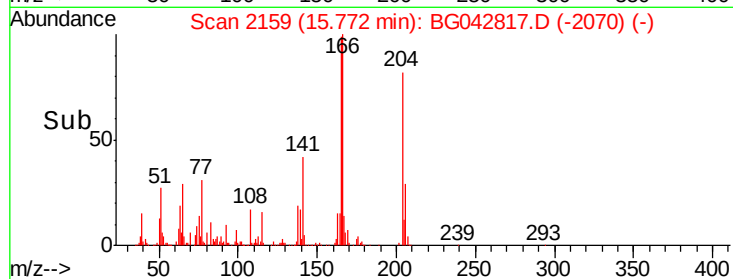
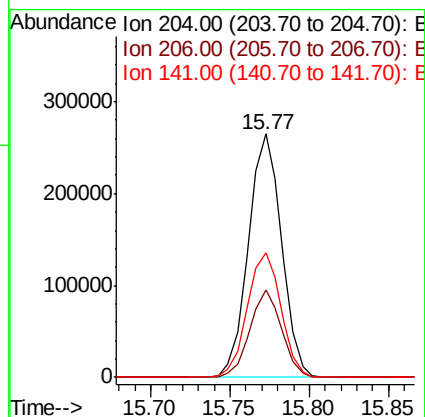
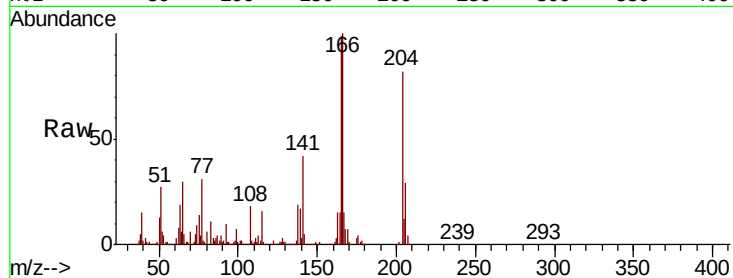




#61
 4-Chlorophenyl-phenylether
 Concen: 40.364 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

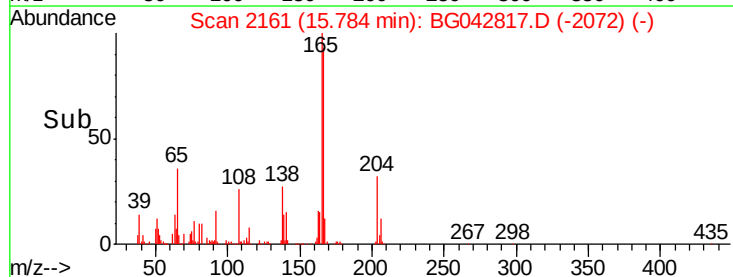
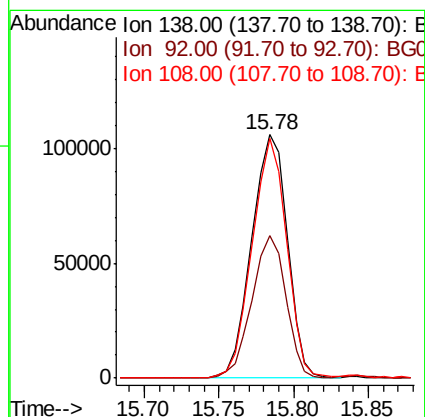
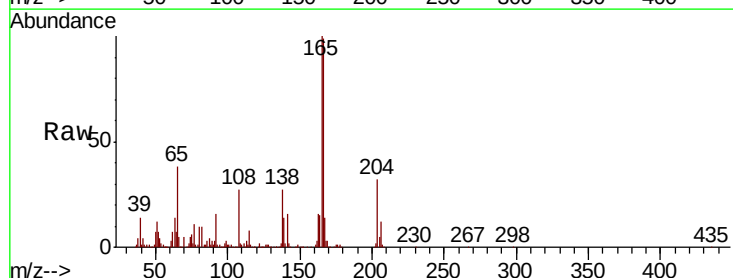
Instrument :
 BNA_F
 ClientSampleId :

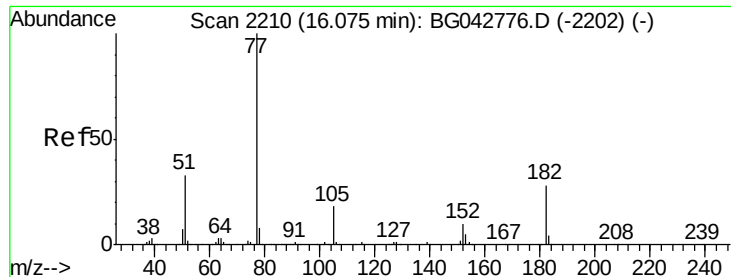
Tot Ion	Ratio	Lower	Upper
204	100		
206	36.1	27.6	41.4
141	50.9	39.8	59.6



#62
 4-Nitroaniline
 Concen: 41.814 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.4	31.4	71.4
108	98.4	74.8	114.8





#63

Azobenzene

Concen: 41.134 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 680405

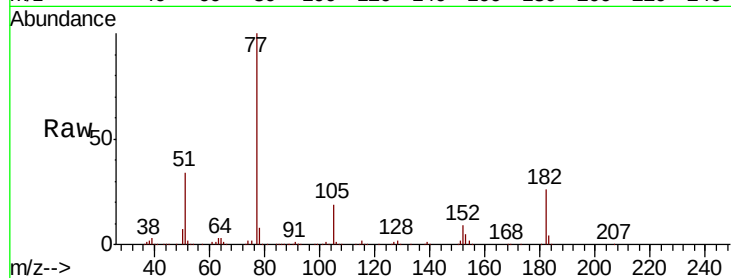
Ion Ratio Lower Upper

77 100

182 25.8 8.1 48.1

105 18.6 0.0 38.1

51 33.7 12.9 52.9

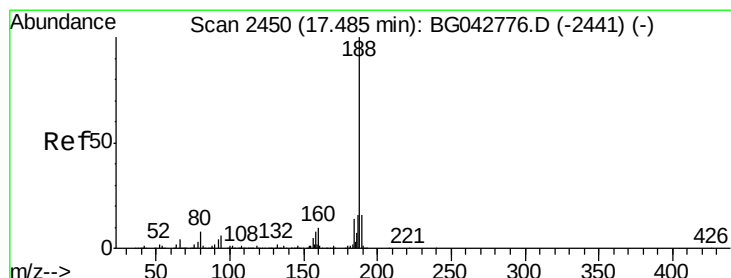
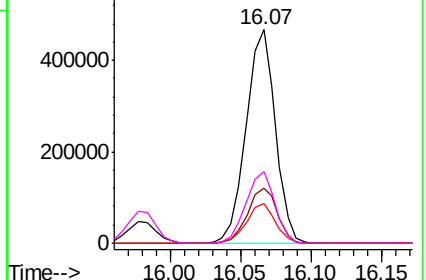
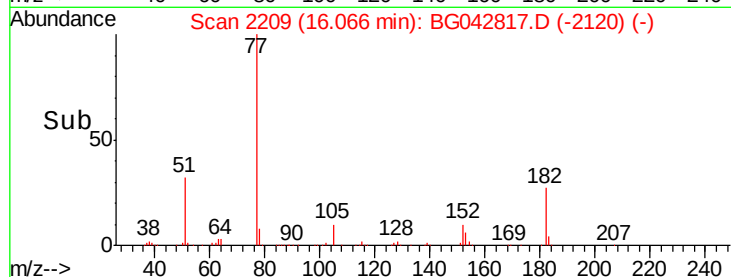


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

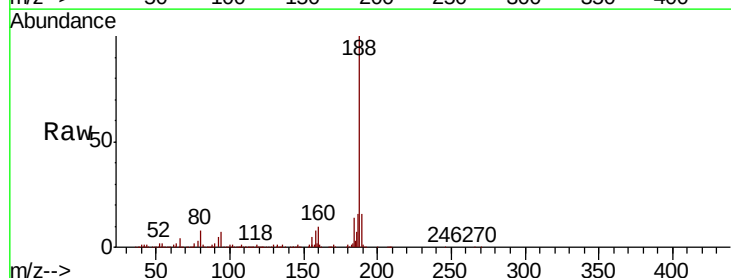
Tgt Ion: 188 Resp: 538501

Ion Ratio Lower Upper

188 100

94 7.1 4.8 7.2

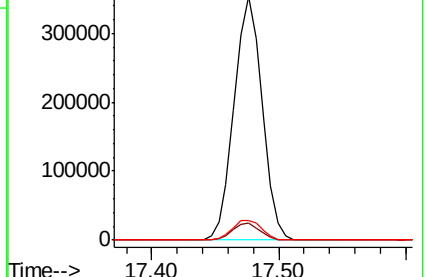
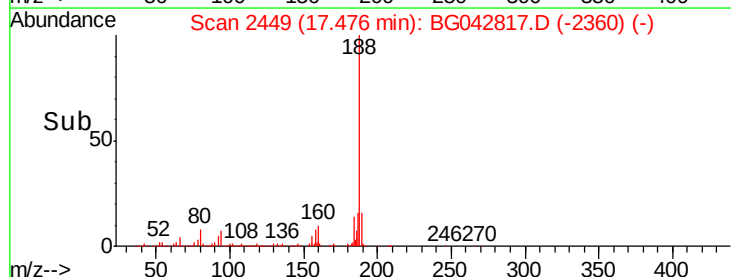
80 8.3 6.6 9.8

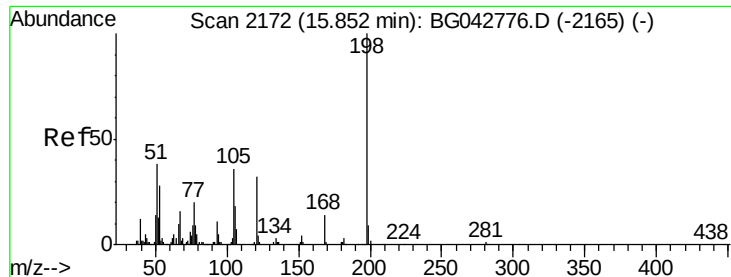


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 29.644 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

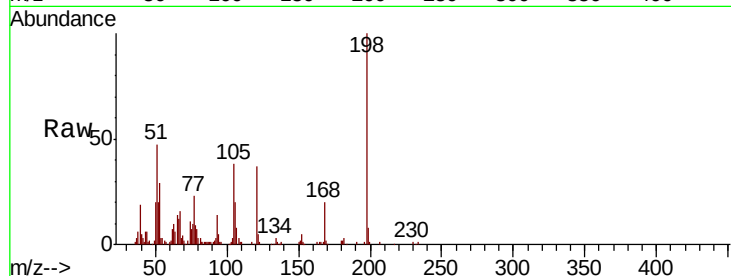
Tot Ion:198 Resp: 68304

Ion Ratio Lower Upper

198 100

51 47.3 20.9 60.9

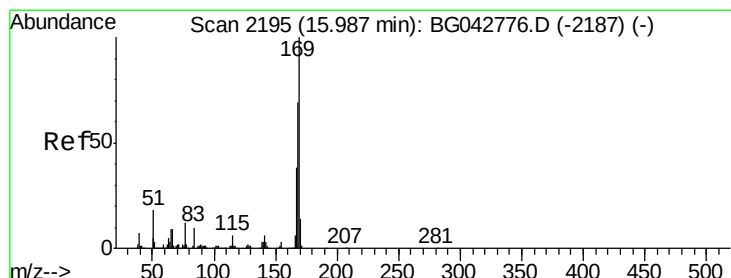
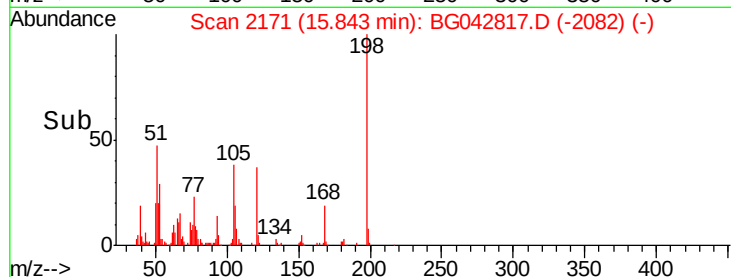
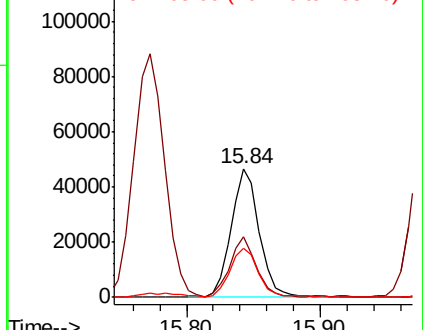
105 38.3 16.4 56.4



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: 40.307 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

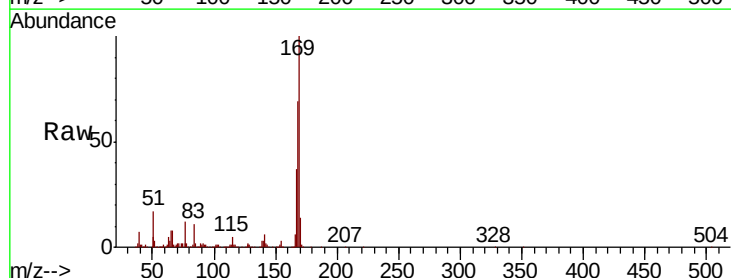
Tgt Ion:169 Resp: 584073

Ion Ratio Lower Upper

169 100

168 68.5 55.4 83.2

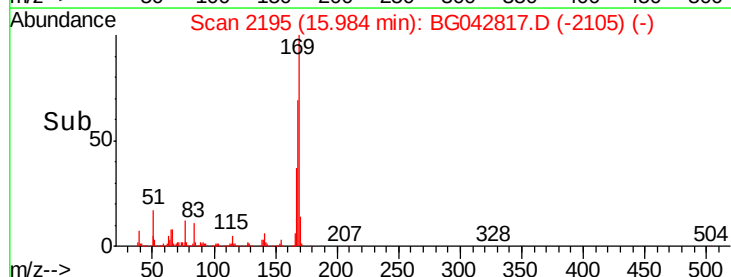
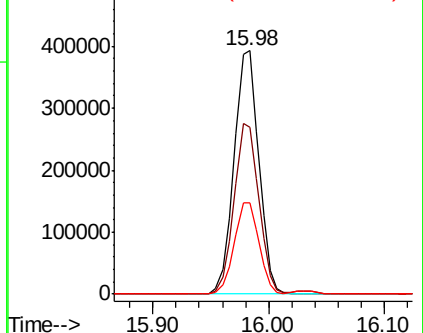
167 37.5 30.4 45.6

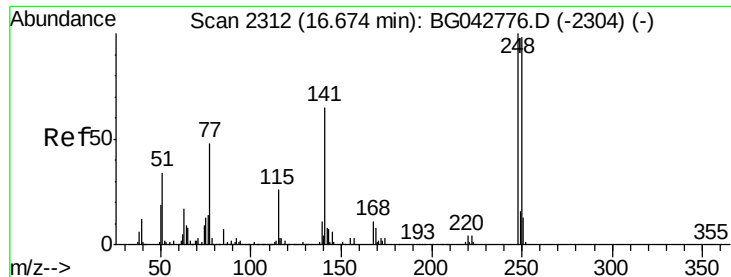


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

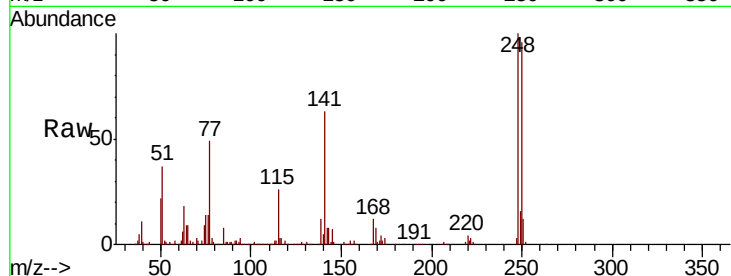




#67
4-Bromophenyl-phenylether
Concen: 39.819 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.0	117.0
141	63.2	51.8	77.6

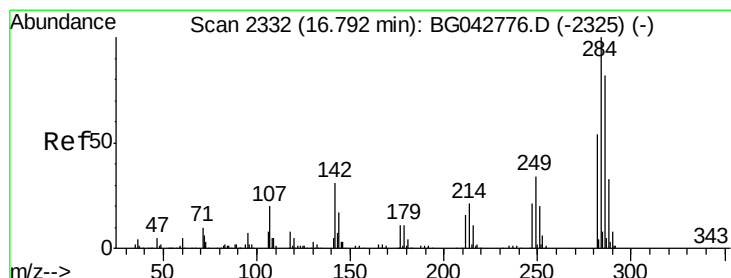
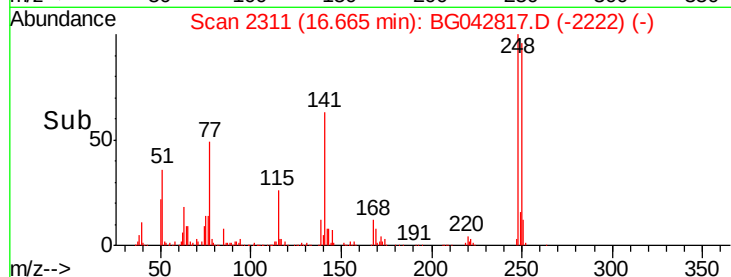
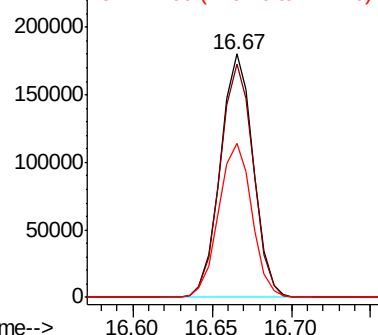


Abundance

Ion 248.00 (247.70 to 248.70): E

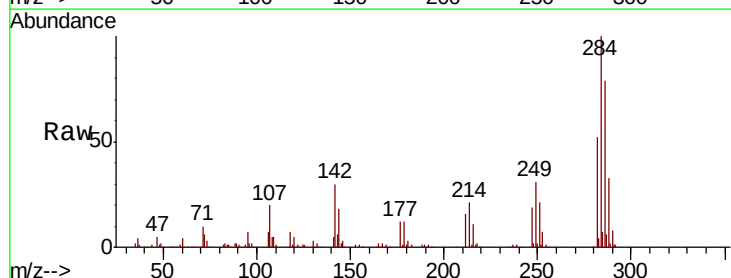
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.472 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	24.7	37.1
249	31.4	27.0	40.4

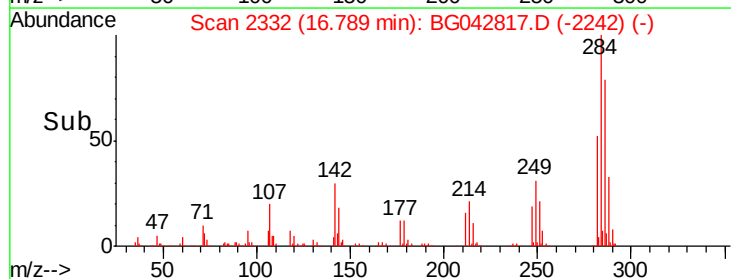
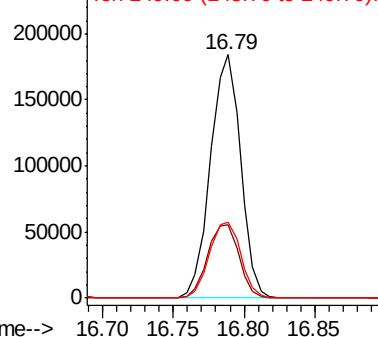


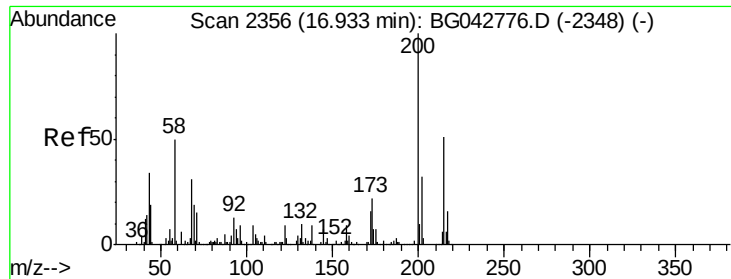
Abundance

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: 34.828 ng

RT: 16.92 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

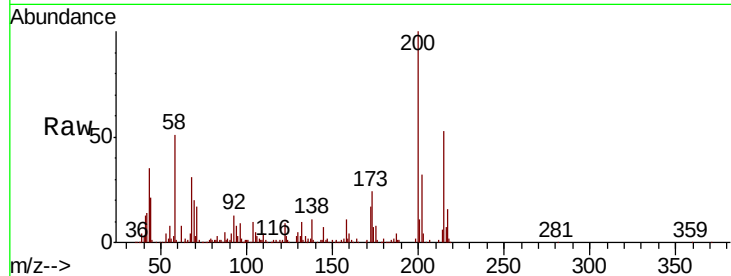
Tot Ion:200 Resp: 175748

Ion Ratio Lower Upper

200 100

173 24.1 2.5 42.5

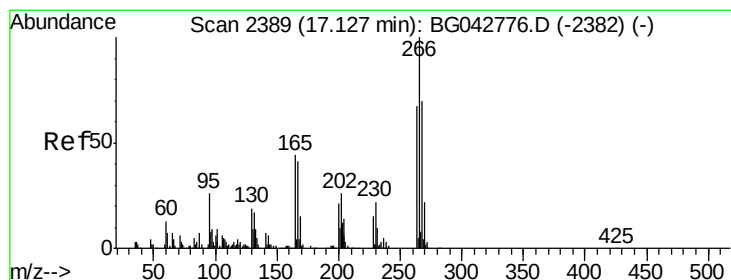
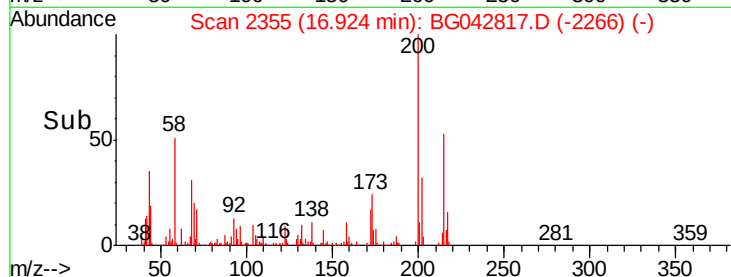
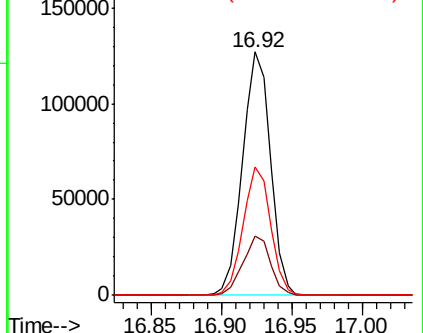
215 53.0 31.0 71.0



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: 45.580 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

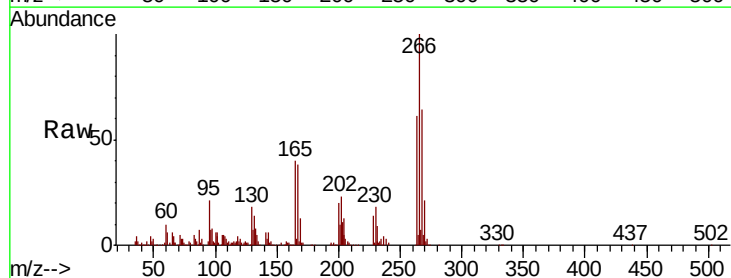
Tgt Ion:266 Resp: 188315

Ion Ratio Lower Upper

266 100

268 63.8 56.2 84.4

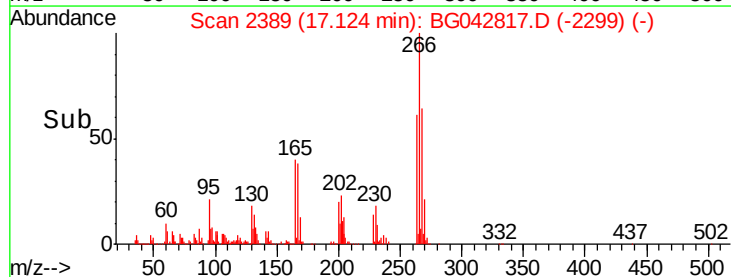
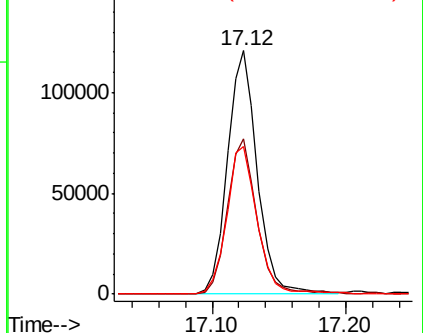
264 60.7 53.4 80.2

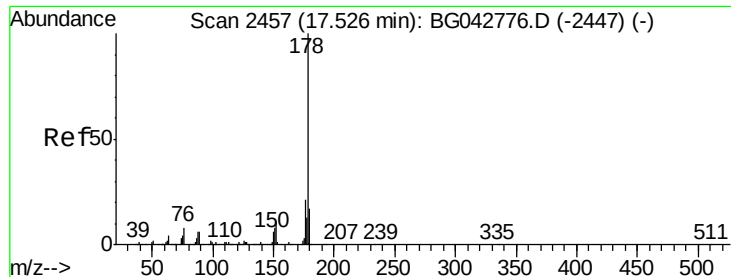


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.776 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

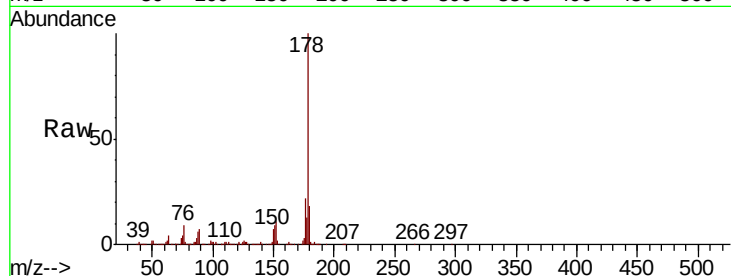
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1050118

Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.0	25.4
179	17.6	13.6	20.4

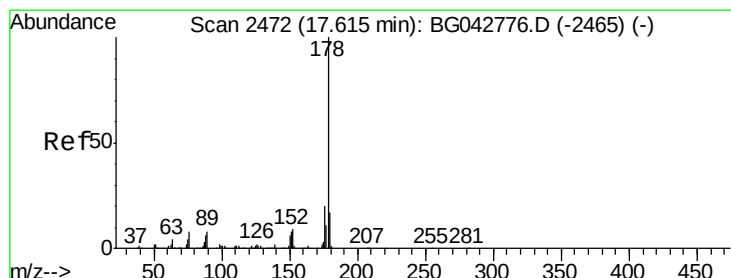
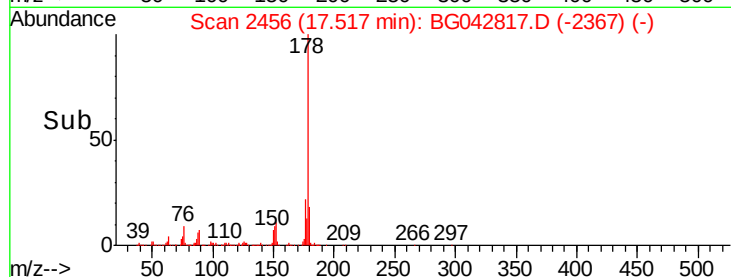
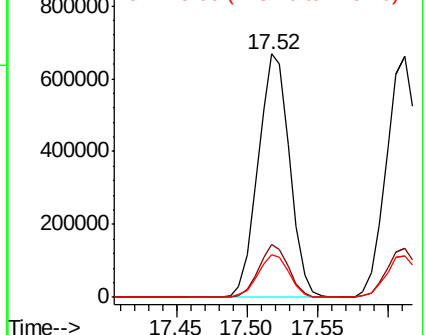


Abundance

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: 40.637 ng

RT: 17.61 min Scan# 2472

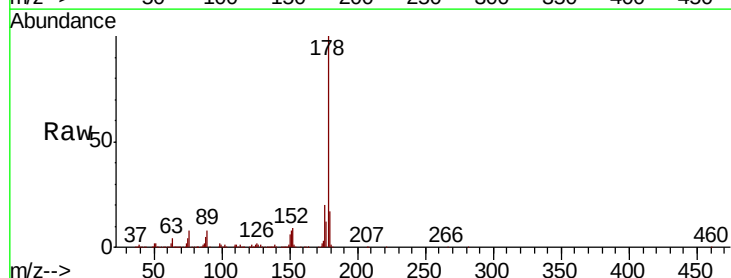
Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Tgt Ion:178 Resp: 1045536

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	17.2	13.6	20.4

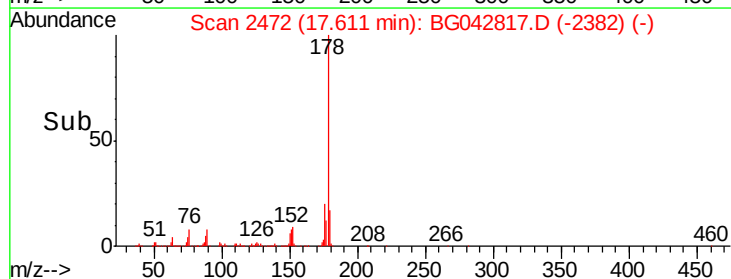
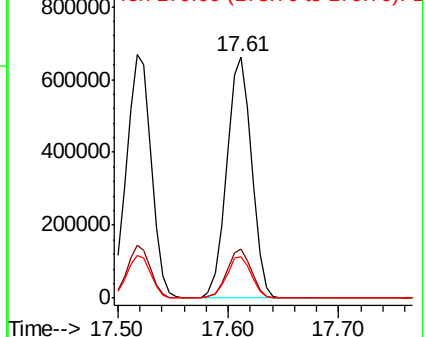


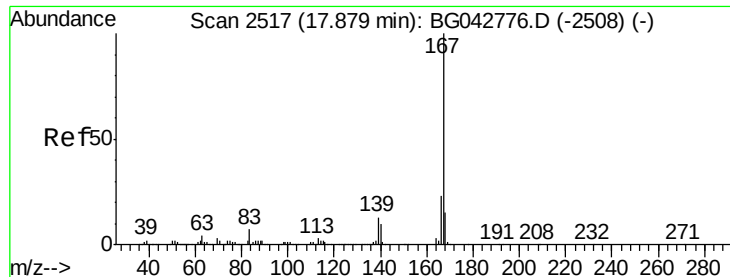
Abundance

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

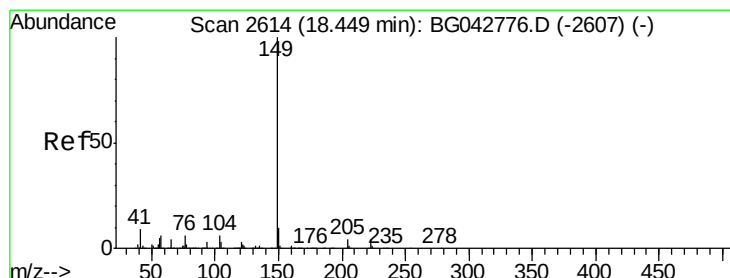
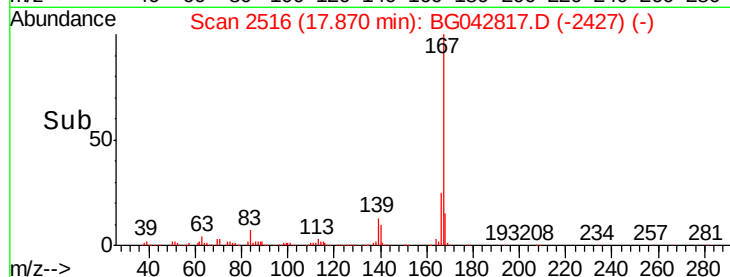
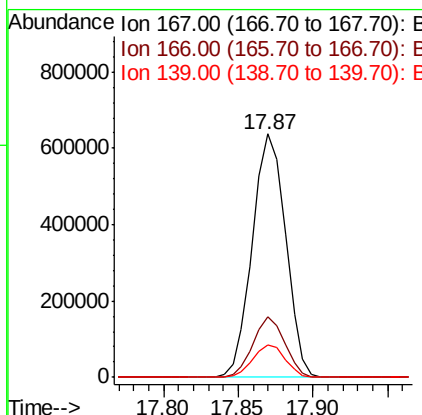
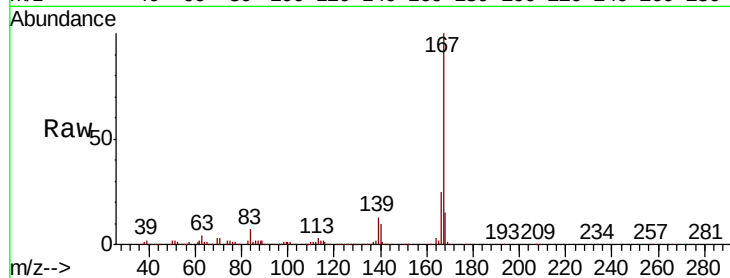




#73
 Carbazole
 Concen: 40.319 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

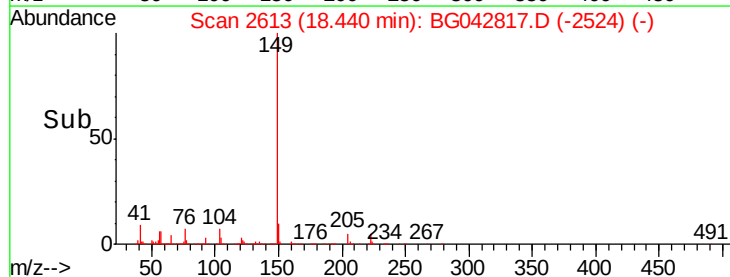
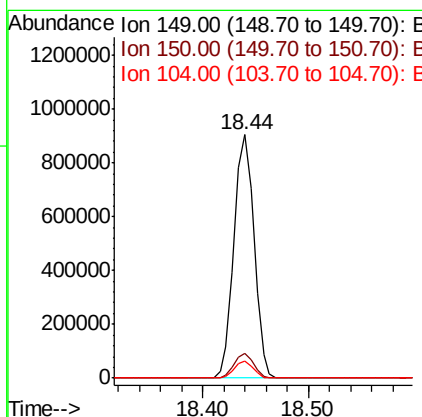
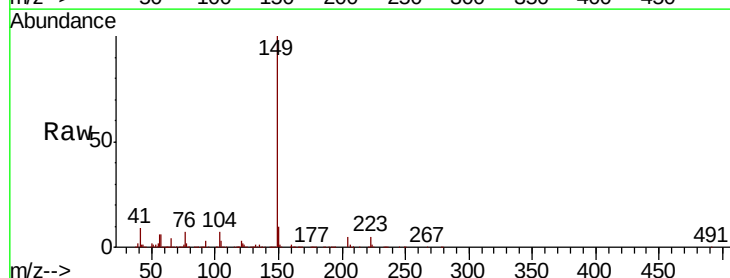
Instrument :
 BNA_F
 ClientSampleId :

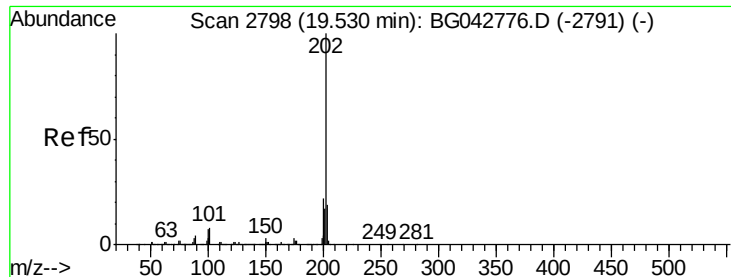
Tot Ion:167 Resp: 985972
 Ion Ratio Lower Upper
 167 100
 166 24.7 18.3 27.5
 139 13.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.359 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042817.D
 Acq: 13 Sep 2019 15:22

Tgt Ion:149 Resp: 1182262
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.0 12.0
 104 6.8 5.1 7.7





#75

Fluoranthene

Concen: 40.723 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

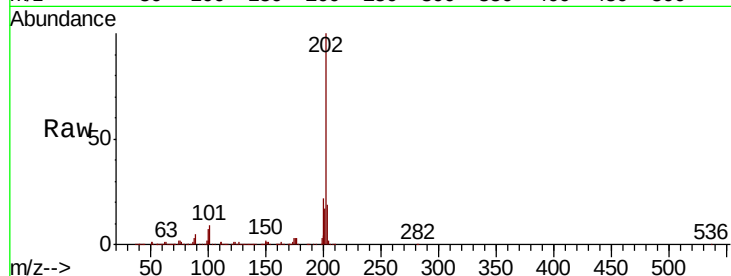
Tot Ion:202 Resp: 1359197

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.8

203 19.3 0.0 39.1

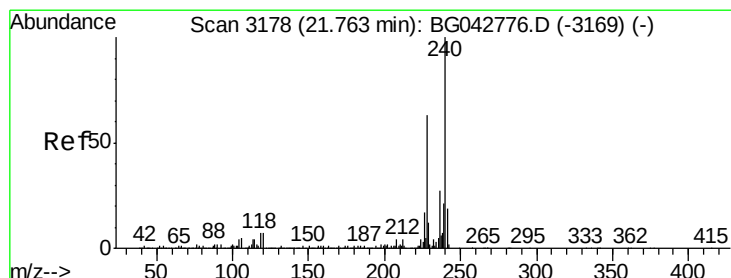
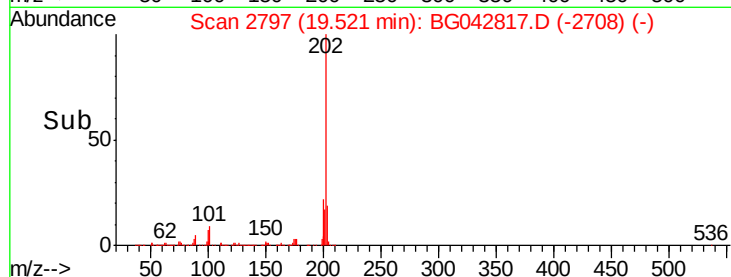
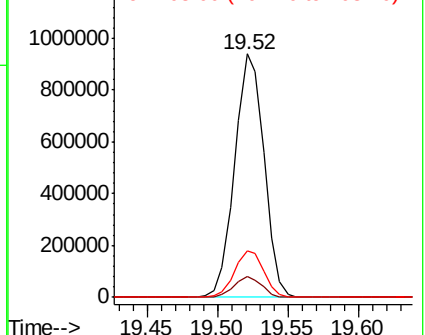


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

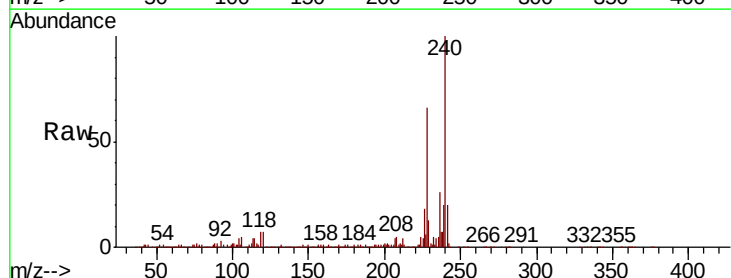
Tgt Ion:240 Resp: 532324

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.2

236 26.5 21.7 32.5

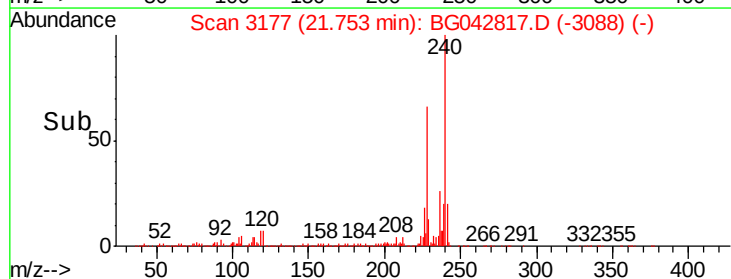
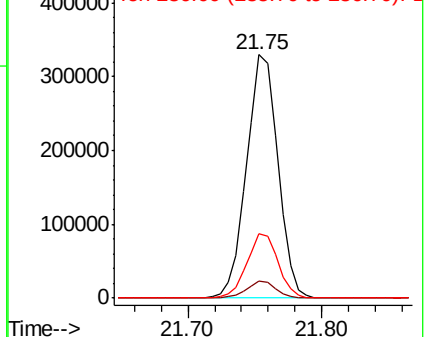


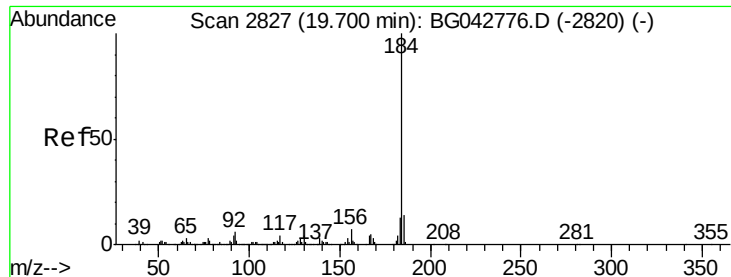
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.809 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

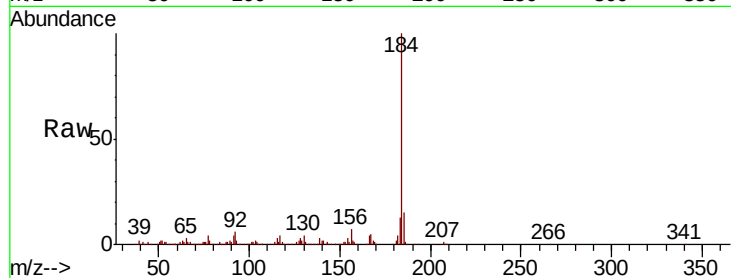
Tot Ion:184 Resp: 577193

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

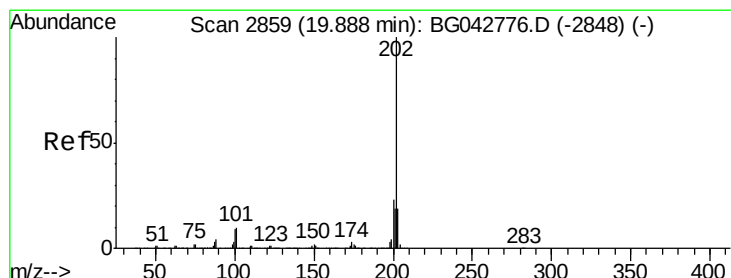
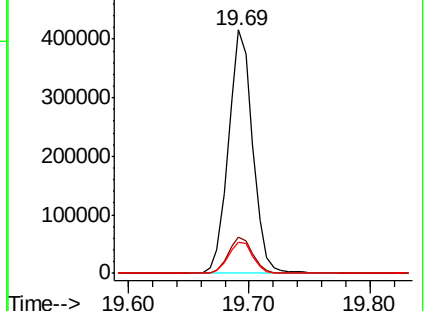
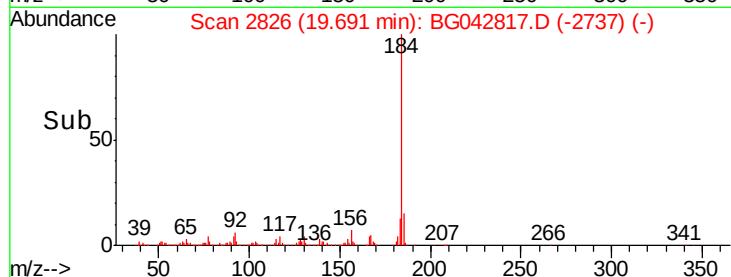
183 13.1 10.4 15.6



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: 40.728 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

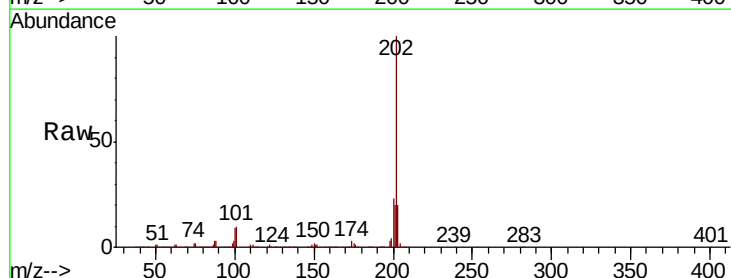
Tgt Ion:202 Resp: 1357348

Ion Ratio Lower Upper

202 100

200 23.4 18.5 27.7

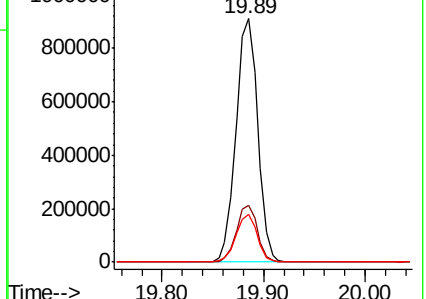
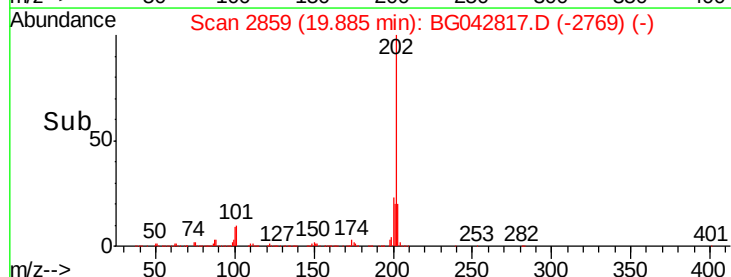
203 19.6 15.3 22.9

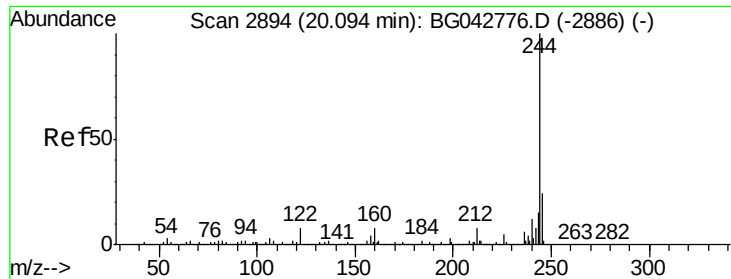


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.881 ng

RT: 20.08 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

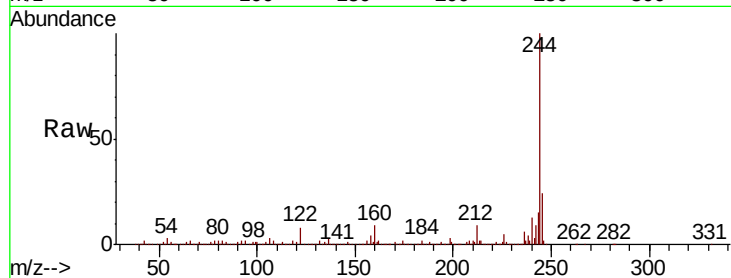
Tot Ion:244 Resp: 1990703

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

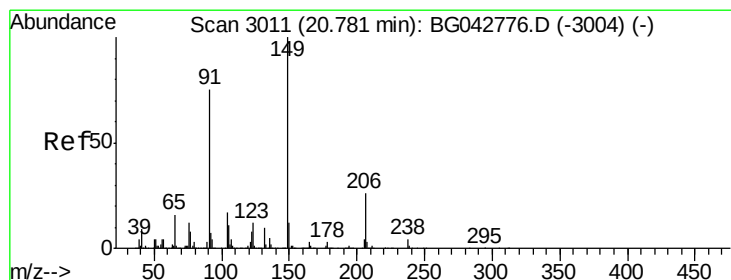
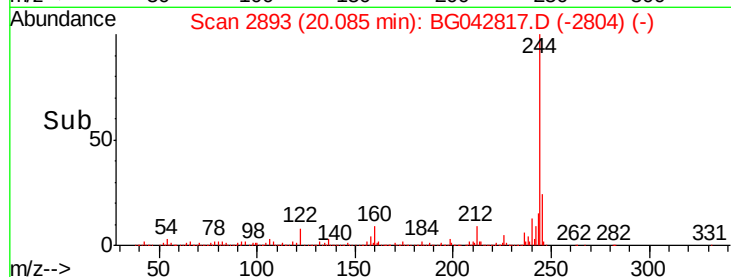
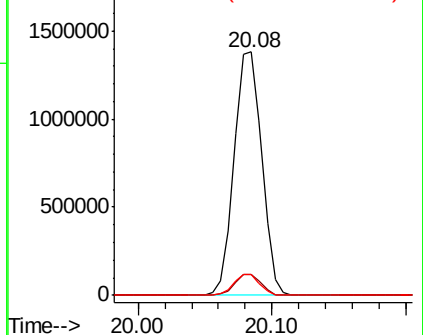
122 8.4 6.2 9.4



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: 40.957 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

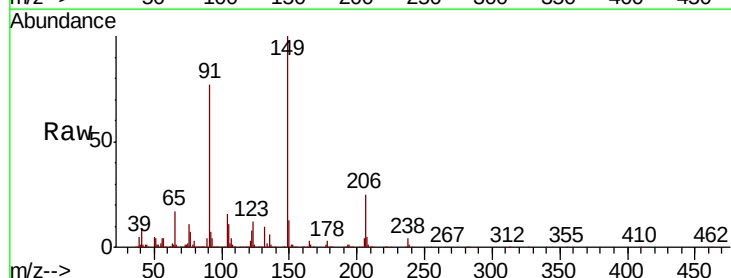
Tgt Ion:149 Resp: 552423

Ion Ratio Lower Upper

149 100

91 77.1 60.2 90.2

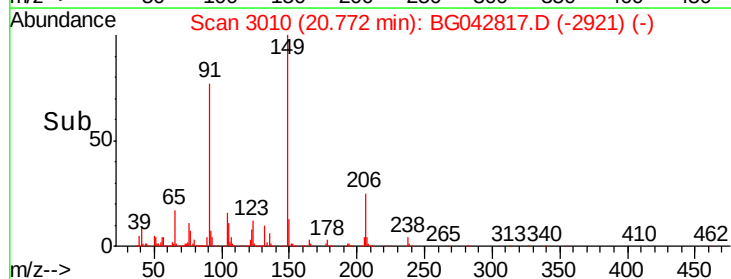
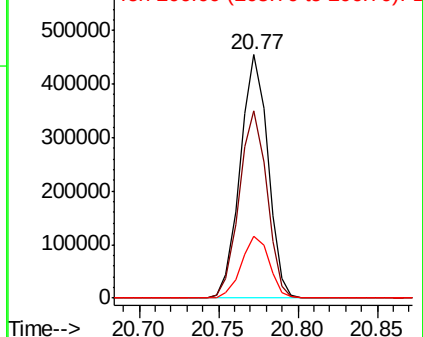
206 25.4 20.6 30.8

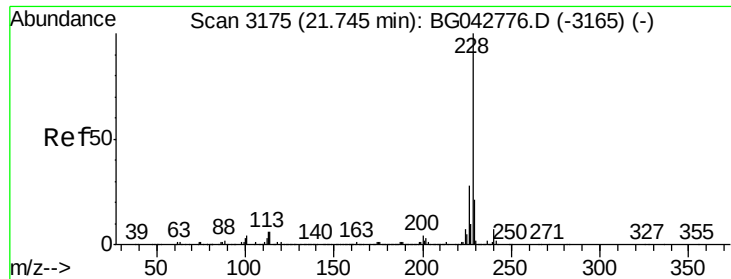


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.501 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

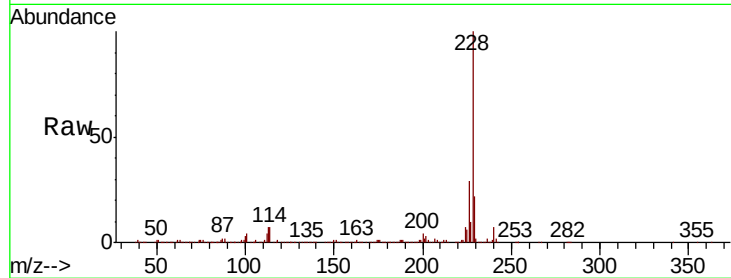
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1370811

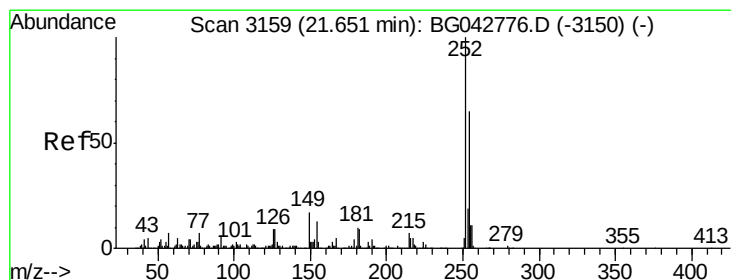
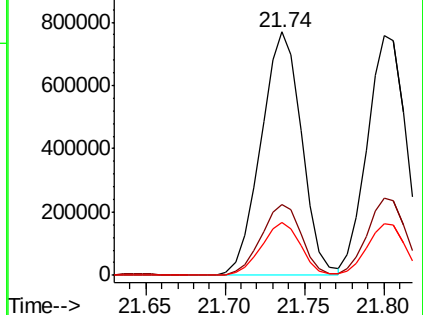
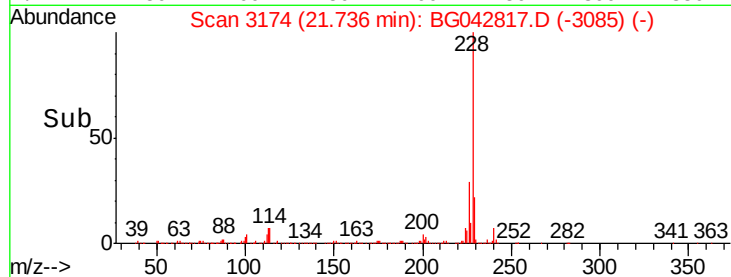
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.7	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.749 ng

RT: 21.64 min Scan# 3158

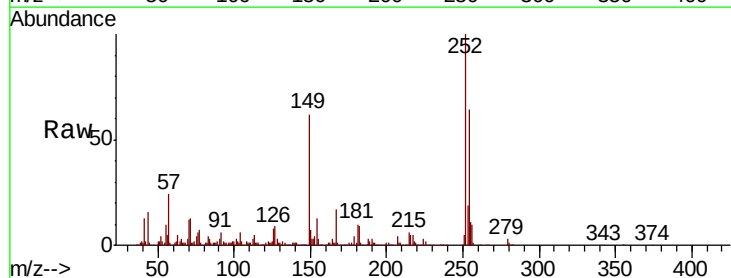
Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Tgt Ion:252 Resp: 522827

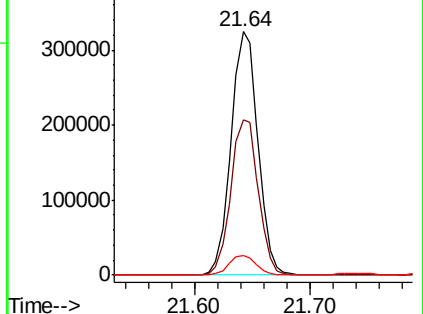
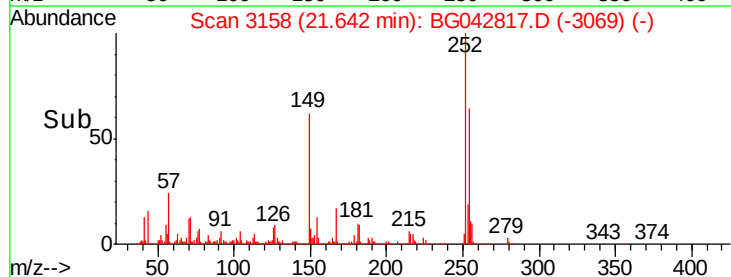
Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.2	78.2
126	7.9	7.0	10.4

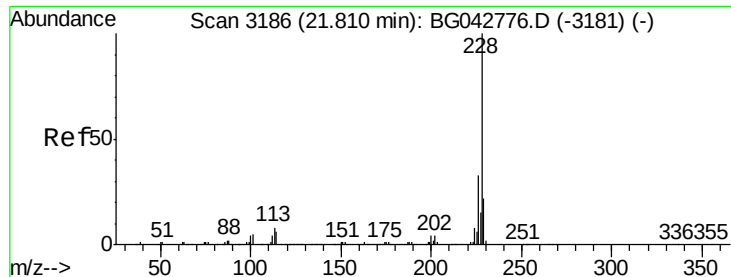


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.306 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

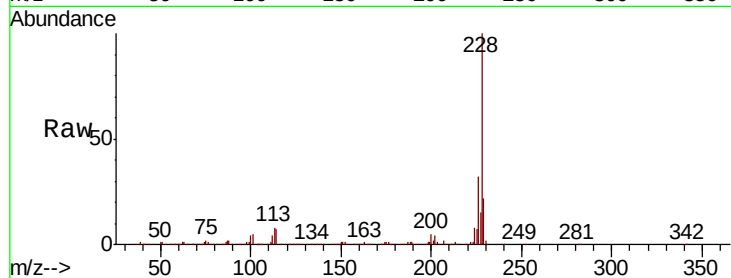
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1292213

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.0	39.0
229	21.6	17.1	25.7

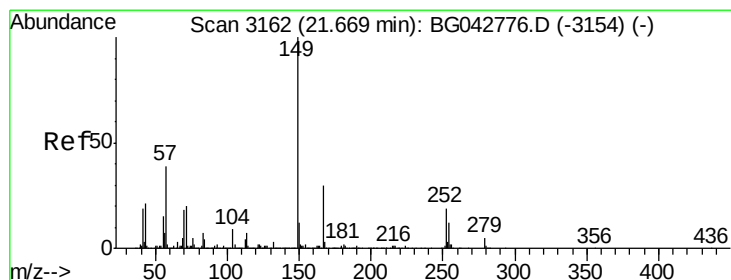
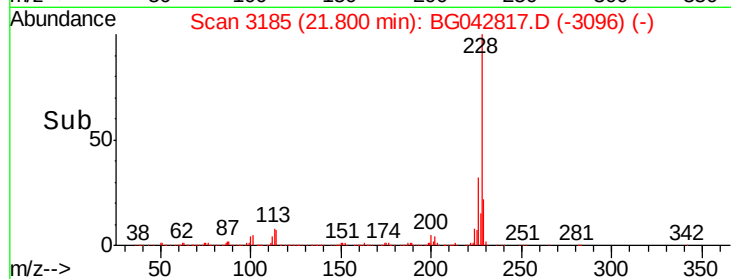
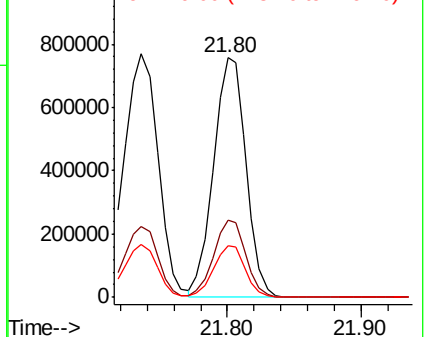


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.671 ng

RT: 21.65 min Scan# 3160

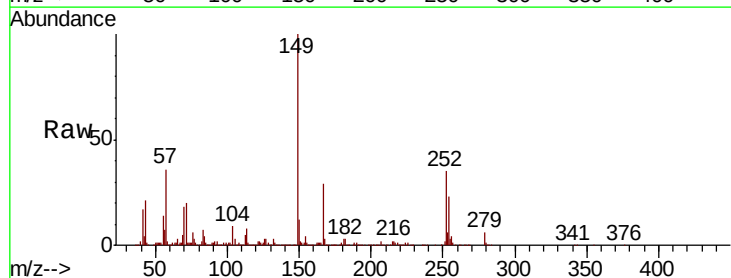
Delta R.T. -0.02 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Tgt Ion:149 Resp: 749540

Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	5.8	4.2	6.4

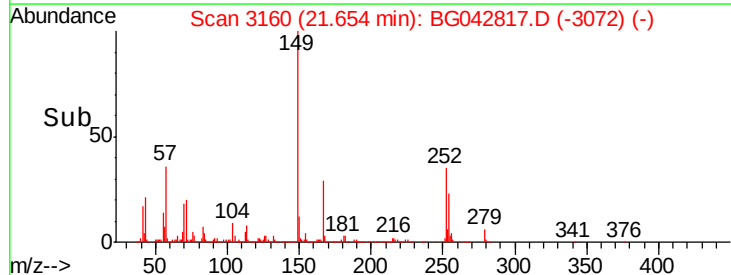
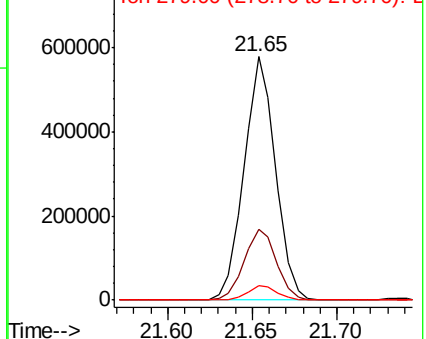


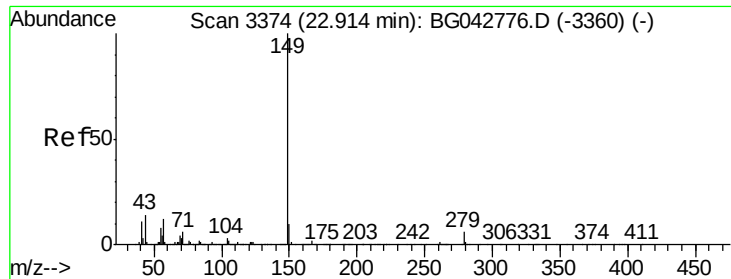
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.728 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

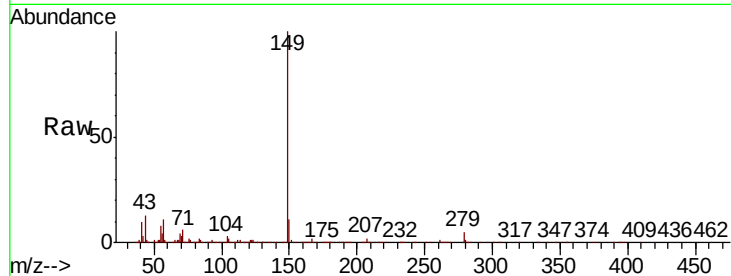
Tot Ion:149 Resp: 1279582

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

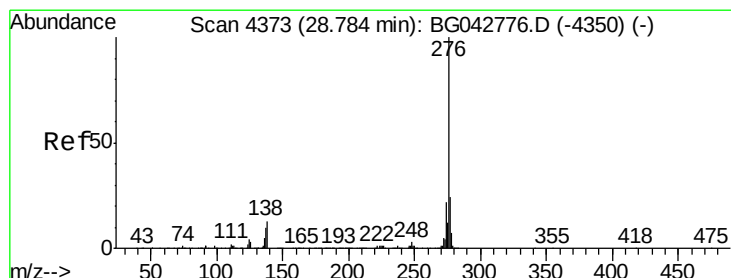
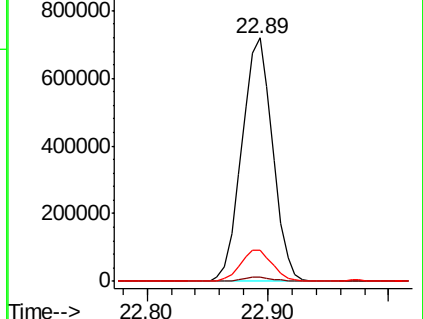
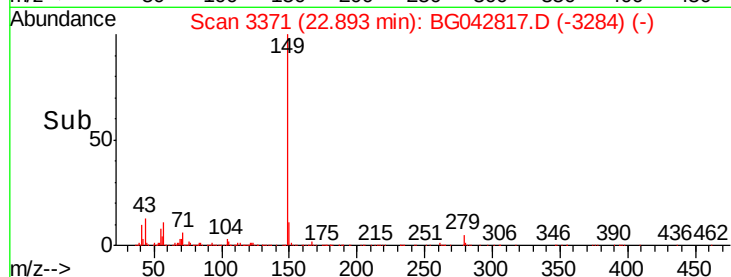
43 13.4 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.338 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.03 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

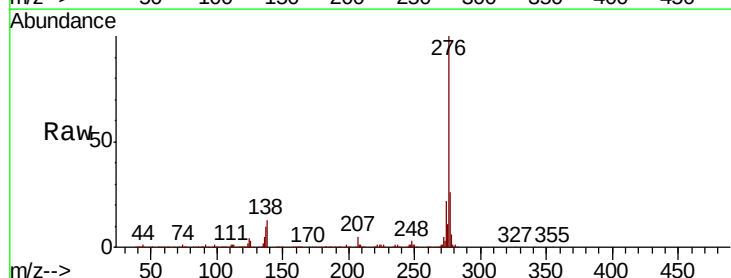
Tgt Ion:276 Resp: 1601482

Ion Ratio Lower Upper

276 100

138 11.2 9.3 13.9

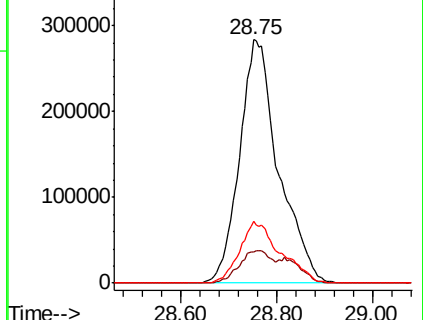
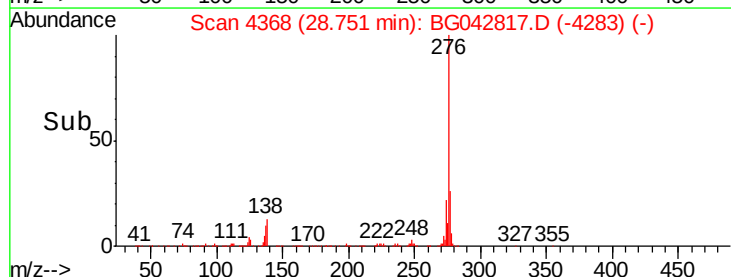
277 26.5 17.2 25.8#

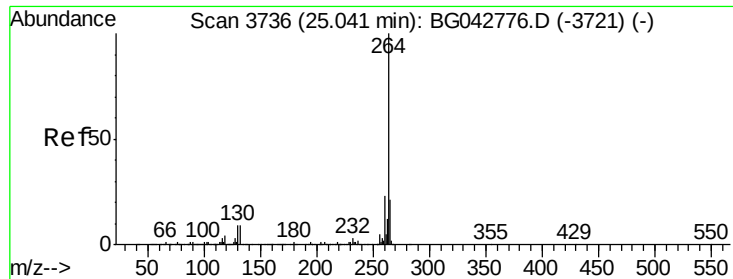


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

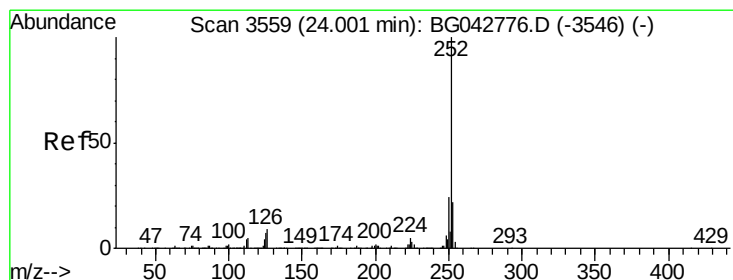
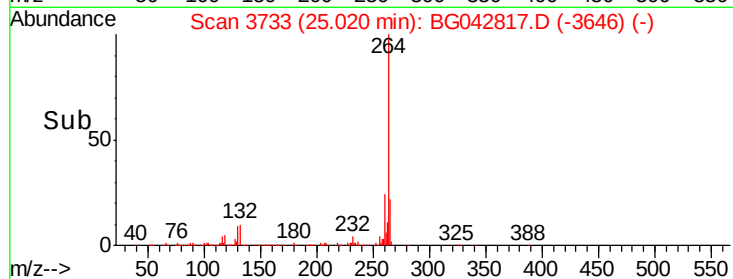
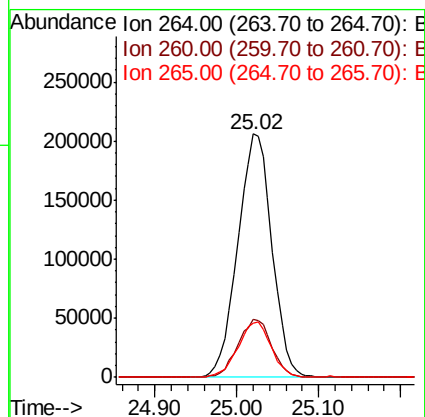
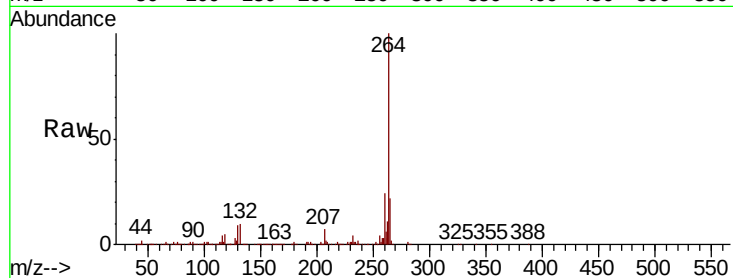




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

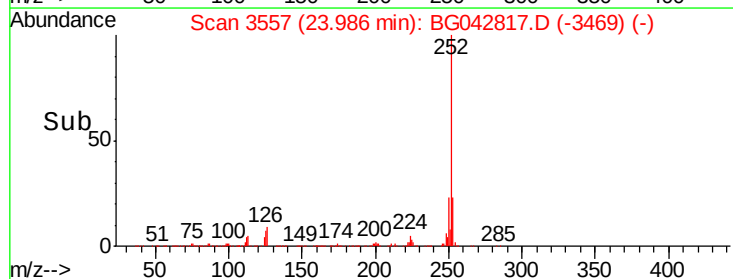
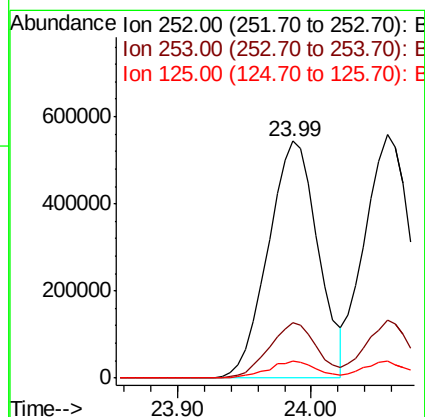
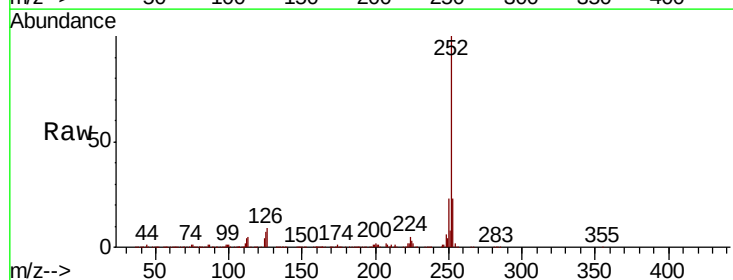
Instrument :
BNA_F
ClientSampleId :

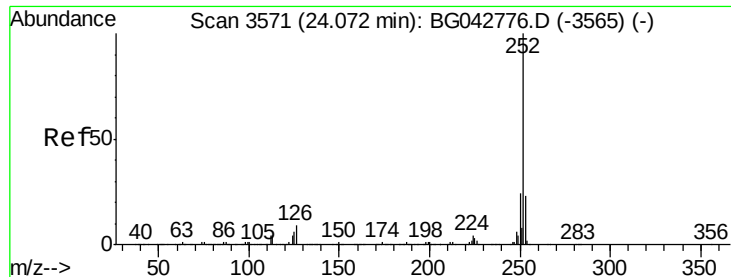
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	22.1	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 40.321 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	7.0	5.6	8.4

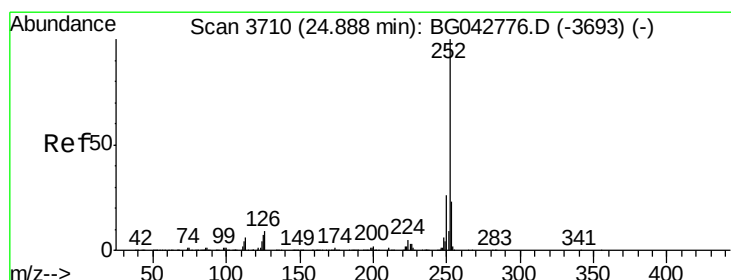
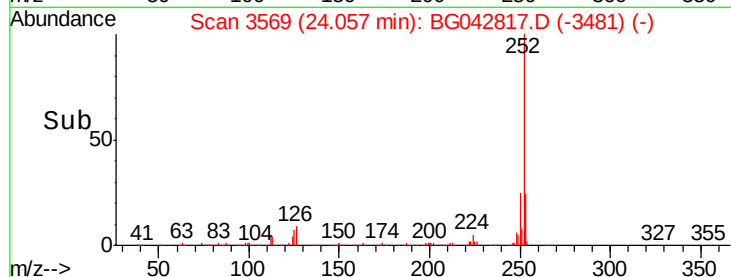
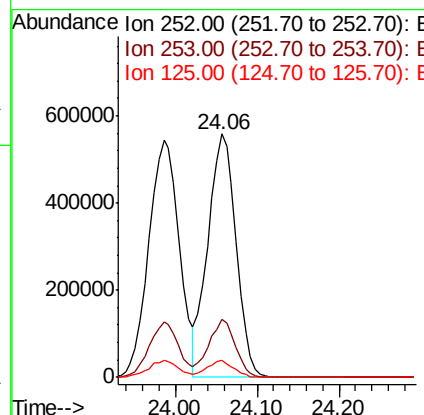
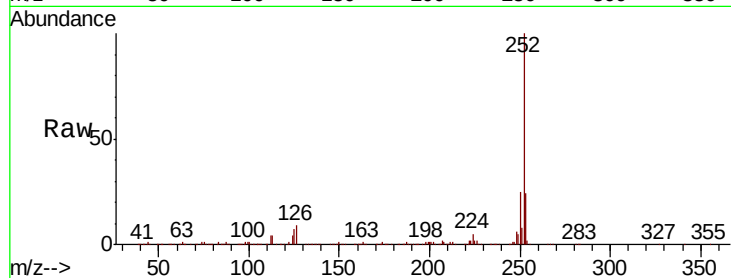




#89
Benzo(k)fluoranthene
Concen: 40.380 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.02 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

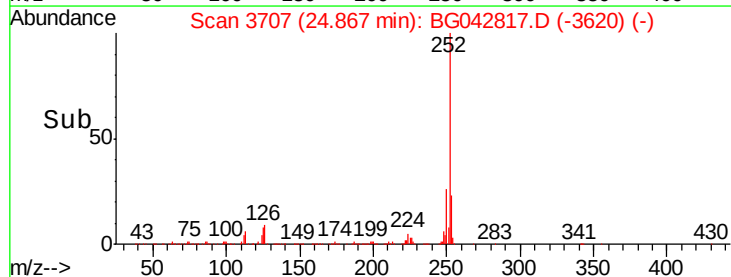
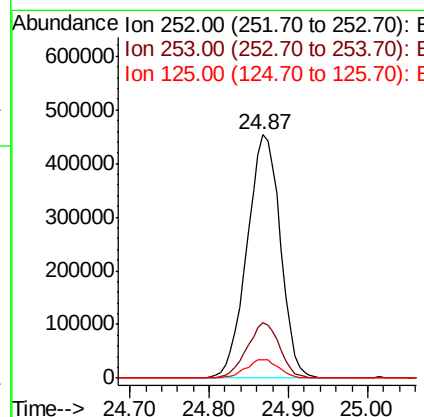
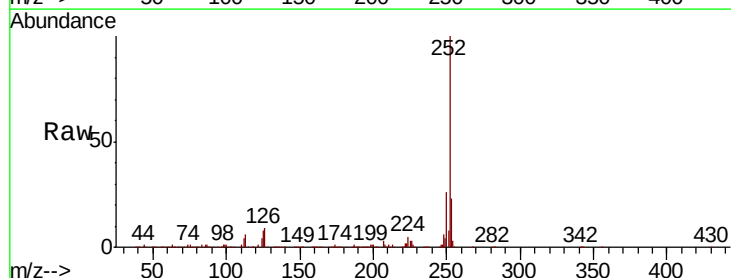
Instrument :
BNA_F
ClientSampleId :

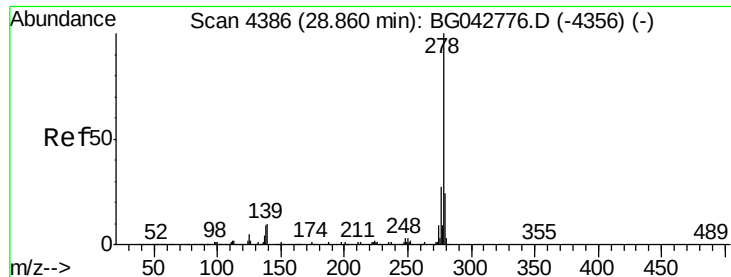
Tot Ion:252 Resp: 1335730
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 6.9 5.3 7.9



#90
Benzo(a)pyrene
Concen: 40.399 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion:252 Resp: 1324675
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.5 5.7 8.5



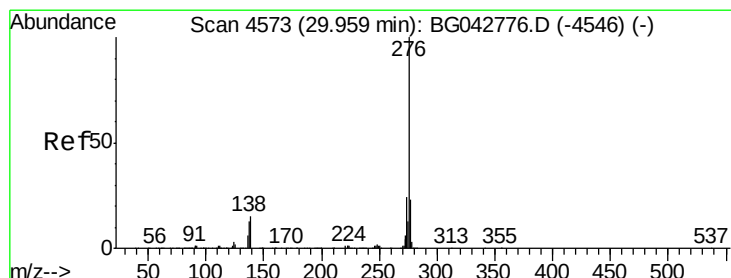
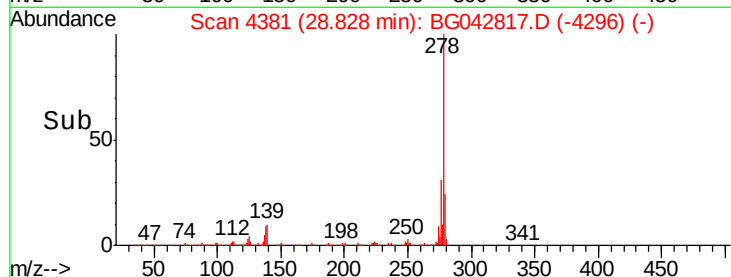
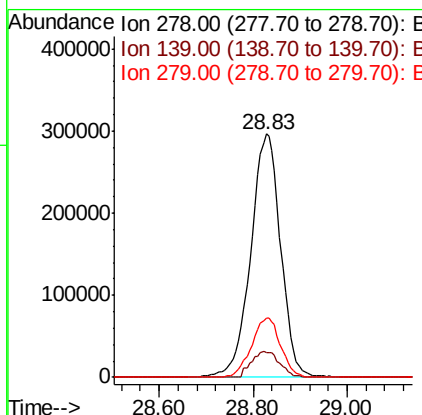
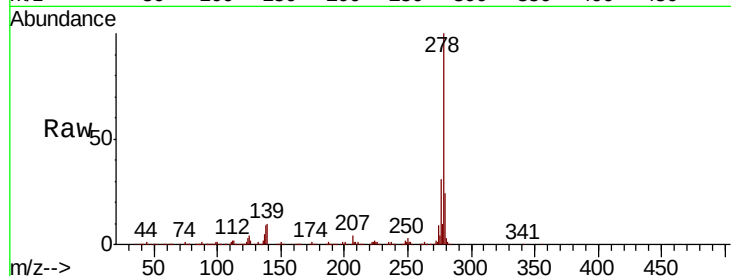


#91
Dibenzo(a,h)anthracene
Concen: 40.644 ng
RT: 28.83 min Scan# 4381
Delta R.T. -0.03 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1310764

Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.2	12.2
279	24.4	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 40.081 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG042817.D
Acq: 13 Sep 2019 15:22

Tgt Ion:276 Resp: 1260813

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	13.0	11.8	17.8

