

Data File : BG044115.D
Acq On : 21 Jan 2020 2:12
Operator : JU
Sample : L1176-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Quant Time: Jan 21 04:53:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	85368	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	372118	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	252166	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	535518	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	444357	20.00	ng	-0.03
87) Perylene-d12	24.67	264	508690	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	711866	153.11	ng	-0.02
7) Phenol-d6	7.11	99	1008766	155.22	ng	-0.02
23) Nitrobenzene-d5	9.09	82	576333	82.85	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	392982	148.92	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1292881	92.89	ng	-0.03
79) Terphenyl-d14	19.93	244	1873166	109.16	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	87607	43.215	ng 97
3) Pyridine	3.79	79	223069	37.248	ng 94
4) n-Nitrosodimethylamine	3.70	42	117596	44.105	ng 98
6) Aniline	7.25	93	142748	16.723	ng 97
8) 2-Chlorophenol	7.50	128	294846	54.018	ng 98
9) Benzaldehyde	7.07	77	149828	36.021	ng 99
10) Phenol	7.14	94	399318	59.635	ng 98
11) bis(2-Chloroethyl)ether	7.35	93	272975	47.228	ng 97
12) 1,3-Dichlorobenzene	7.82	146	294767	46.149	ng 99
13) 1,4-Dichlorobenzene	7.97	146	302300	47.967	ng 99
14) 1,2-Dichlorobenzene	8.29	146	286244	47.320	ng 100
15) Benzyl Alcohol	8.17	79	252178	49.166	ng 99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	372294	41.633	ng 98
17) 2-Methylphenol	8.38	107	258979	53.446	ng 98
18) Hexachloroethane	9.02	117	111552	45.489	ng 97
19) n-Nitroso-di-n-propylamine	8.74	70	221640	45.795	ng 98
20) 3+4-Methylphenols	8.71	107	359352	53.160	ng 99
22) Acetophenone	8.75	105	404775	43.754	ng 98
24) Nitrobenzene	9.13	77	312734	45.393	ng 99
25) Isophorone	9.66	82	606589	46.481	ng 99
26) 2-Nitrophenol	9.84	139	171578	52.640	ng 96
27) 2,4-Dimethylphenol	9.91	122	284058	57.894	ng 98
28) bis(2-Chloroethoxy)methane	10.14	93	380435	43.727	ng 100
29) 2,4-Dichlorophenol	10.38	162	302376	51.665	ng 97
30) 1,2,4-Trichlorobenzene	10.60	180	294576	44.890	ng 99
31) Naphthalene	10.78	128	871384	48.390	ng 99
32) Benzoic acid	10.07	122	159065	40.878	ng 97
33) 4-Chloroaniline	10.89	127	62935	7.328	ng 98
34) Hexachlorobutadiene	11.08	225	170312	42.508	ng 99
35) Caprolactam	11.67	113	84837	38.939	ng 98
36) 4-Chloro-3-methylphenol	12.02	107	333169	53.474	ng 98
37) 2-Methylnaphthalene	12.39	142	663725	48.958	ng 97
38) 1-Methylnaphthalene	12.61	142	633501	49.304	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	316439	42.814	ng 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	401850	104.873	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	246102	48.392	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	265571	50.631	ng	99
46) 1,1'-Biphenyl	13.40	154	843780	46.669	ng	98
47) 2-Chloronaphthalene	13.45	162	662125	45.321	ng	98
48) 2-Nitroaniline	13.64	65	209182	44.511	ng	95
49) Acenaphthylene	14.29	152	1063617	50.652	ng	98
50) Dimethylphthalate	14.03	163	967668	54.045	ng	98
51) 2,6-Dinitrotoluene	14.14	165	198298	49.000	ng	99
52) Acenaphthene	14.63	154	671175	45.578	ng	97
53) 3-Nitroaniline	14.47	138	60928	13.258	ng	98
54) 2,4-Dinitrophenol	14.67	184	220676	105.183	ng	95
55) Dibenzofuran	14.97	168	1006381	49.644	ng	98
56) 4-Nitrophenol	14.79	139	364652	103.546	ng	96
57) 2,4-Dinitrotoluene	14.93	165	277679	50.427	ng	98
58) Fluorene	15.62	166	804191	50.050	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	231024	51.222	ng	98
60) Diethylphthalate	15.39	149	874945	48.857	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	418219	47.935	ng	98
62) 4-Nitroaniline	15.63	138	195623	43.105	ng	96
63) Azobenzene	15.90	77	817156	49.202	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	163023	58.071	ng	96
66) n-Nitrosodiphenylamine	15.83	169	755939	47.934	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	273136	45.349	ng	98
68) Hexachlorobenzene	16.63	284	295303	45.502	ng	97
69) Atrazine	16.78	200	280039	54.629	ng	98
70) Pentachlorophenol	16.97	266	322118	90.038	ng	99
71) Phenanthrene	17.35	178	1250202	48.672	ng	99
72) Anthracene	17.45	178	1292361	50.910	ng	99
73) Carbazole	17.71	167	1148940	48.998	ng	98
74) Di-n-butylphthalate	18.28	149	1413174	47.203	ng	98
75) Fluoranthene	19.36	202	1418740	48.296	ng	98
77) Benzidine	19.54	184	328000	29.366	ng	98
78) Pyrene	19.73	202	1427405	49.212	ng	98
80) Butylbenzylphthalate	20.62	149	670324	48.542	ng	94
81) Benzo(a)anthracene	21.54	228	1365675	49.565	ng	98
82) 3,3'-Dichlorobenzidine	21.46	252	196337	18.036	ng	96
83) Chrysene	21.61	228	1298062	49.580	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	938894	49.276	ng	99
85) Di-n-octyl phthalate	22.64	149	1628373	50.835	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1701605	47.825	ng	99
88) Benzo(b)fluoranthene	23.69	252	1435842	47.746	ng	99
89) Benzo(k)fluoranthene	23.76	252	1398020	48.887	ng	99
90) Benzo(a)pyrene	24.53	252	1337032	47.106	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1393076	48.871	ng	100
92) Benzo(g,h,i)perylene	29.30	276	1431645	50.562	ng	98

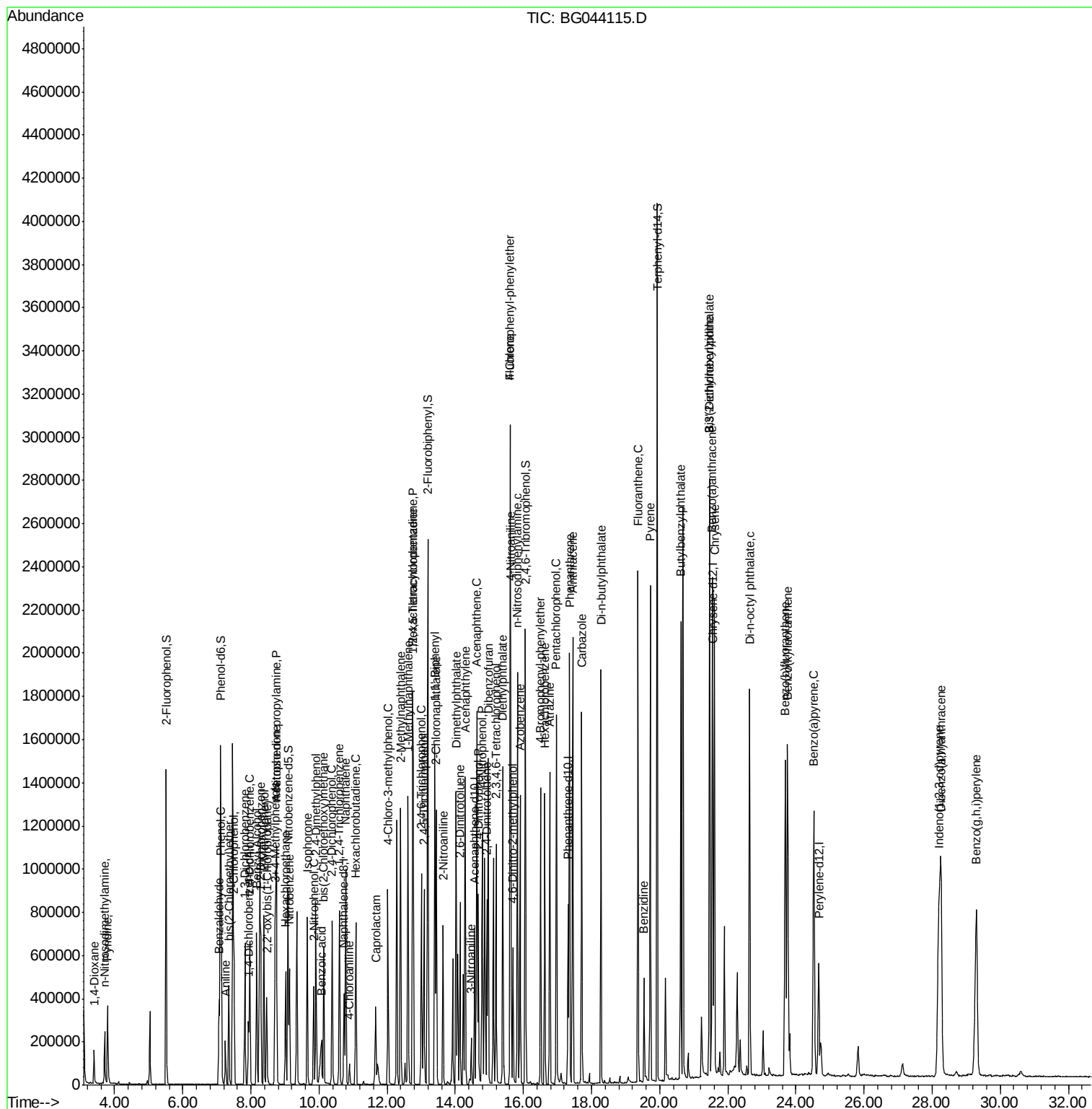
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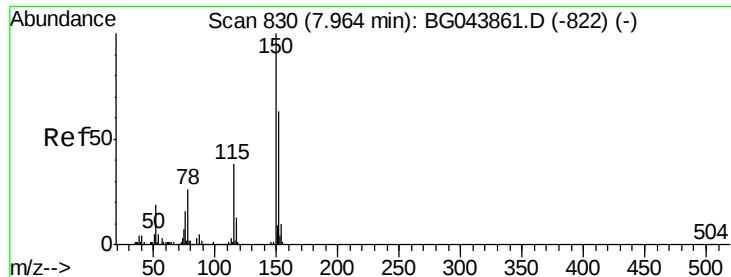
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.04 min

Lab File: BG044115.D

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Instrument :

BNA_G

ClientSampleId :

EP-3MSD

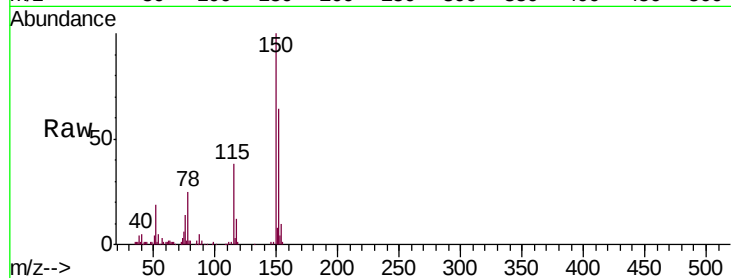
Tgt Ion:152 Resp: 85368

Ion Ratio Lower Upper

152 100

150 155.8 127.0 190.4

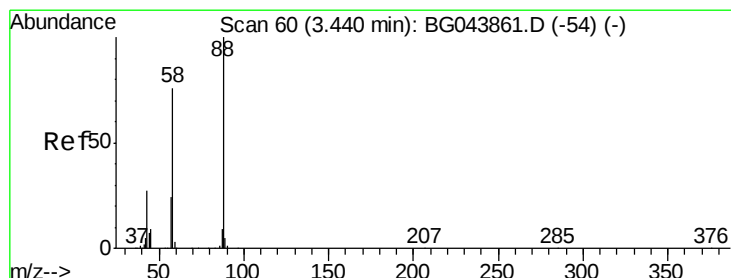
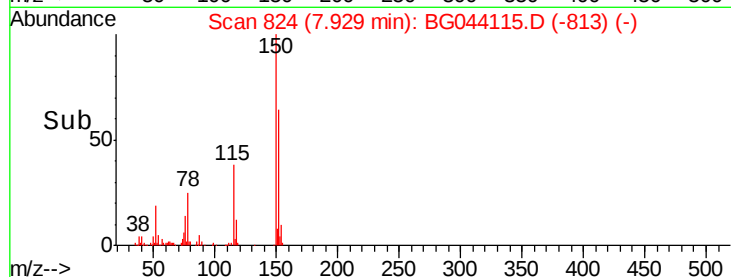
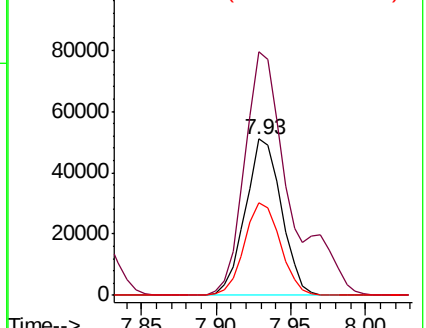
115 58.9 47.8 71.8



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: 43.215 ng

RT: 3.39 min Scan# 52

Delta R.T. -0.05 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

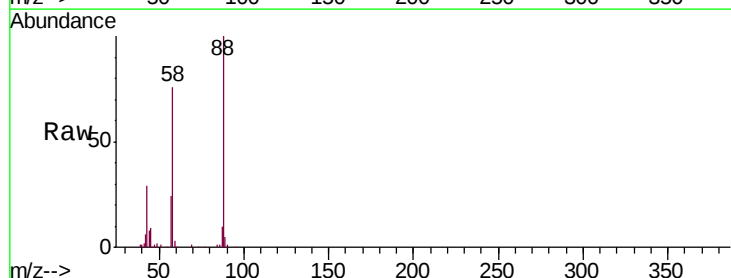
Tgt Ion: 88 Resp: 87607

Ion Ratio Lower Upper

88 100

58 72.4 59.8 89.8

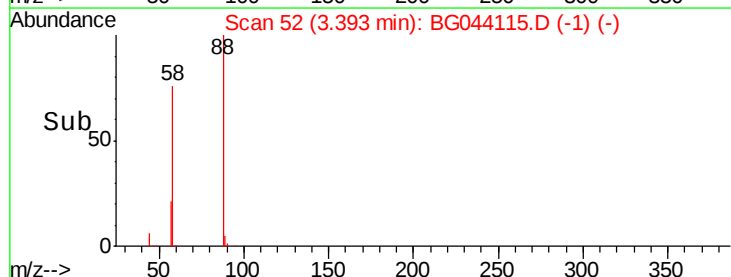
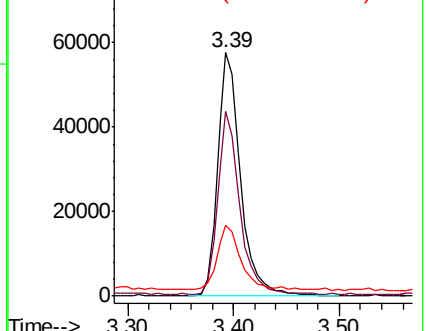
43 27.2 22.9 34.3

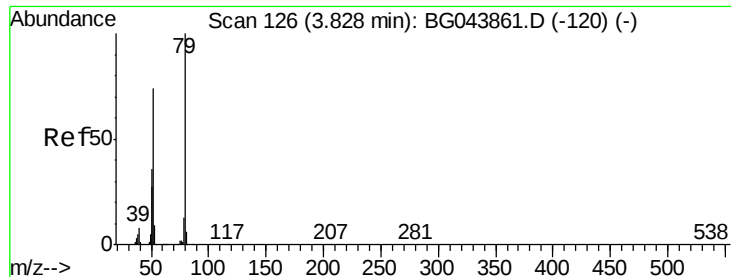


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.248 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

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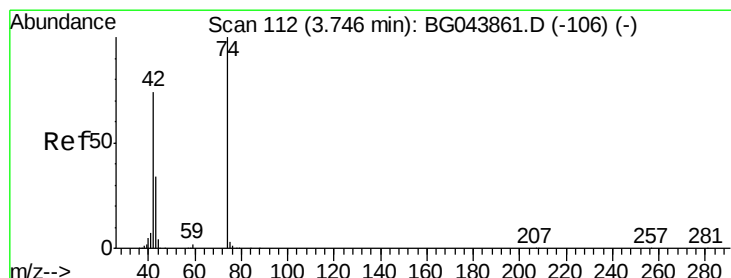
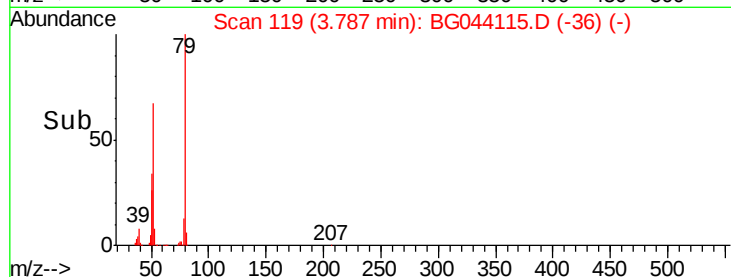
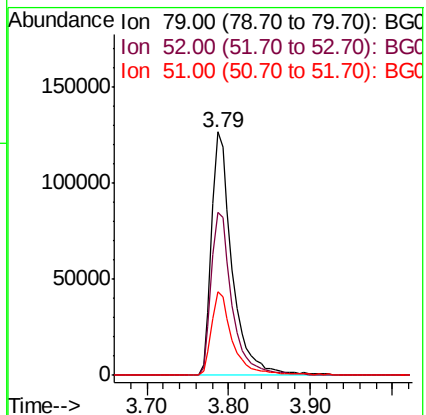
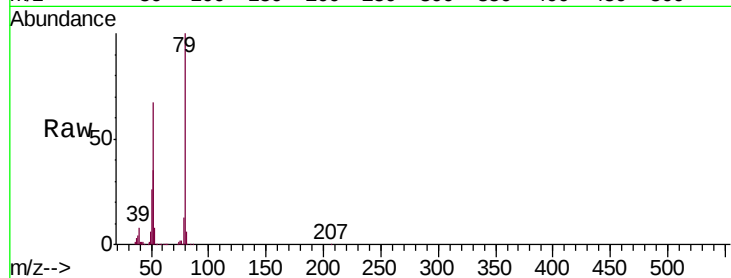
Tgt Ion: 79 Resp: 223069

Ion Ratio Lower Upper

79 100

52 67.1 58.9 88.3

51 34.5 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 44.105 ng

RT: 3.70 min Scan# 105

Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

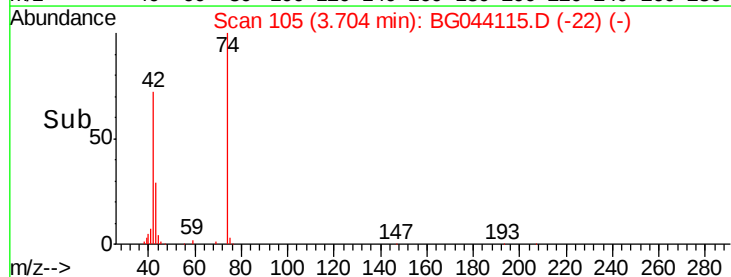
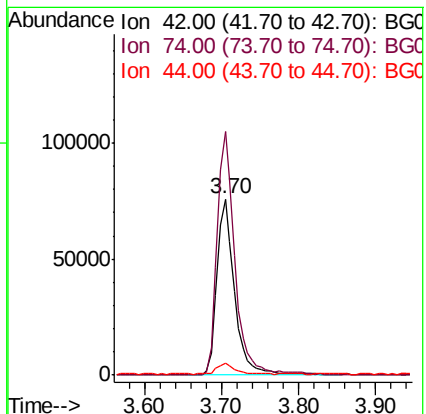
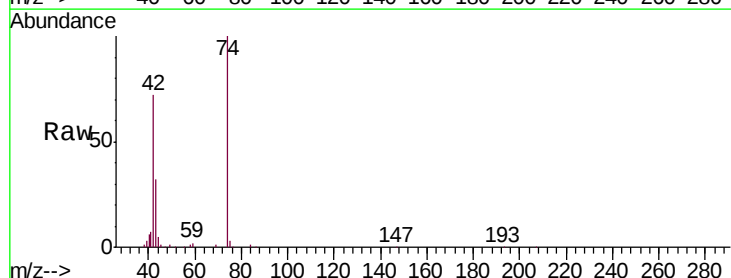
Tgt Ion: 42 Resp: 117596

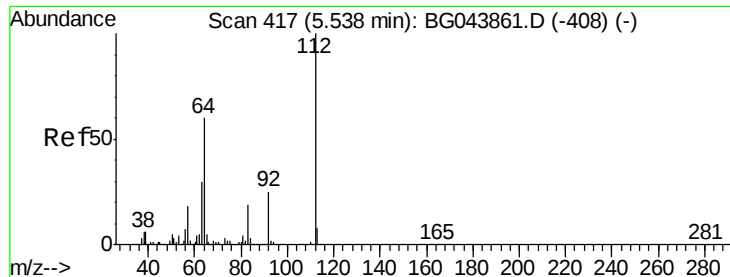
Ion Ratio Lower Upper

42 100

74 138.4 108.6 162.8

44 7.1 5.0 7.6





#5

2-Fluorophenol

Concen: 153.110 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

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ClientSampleId :

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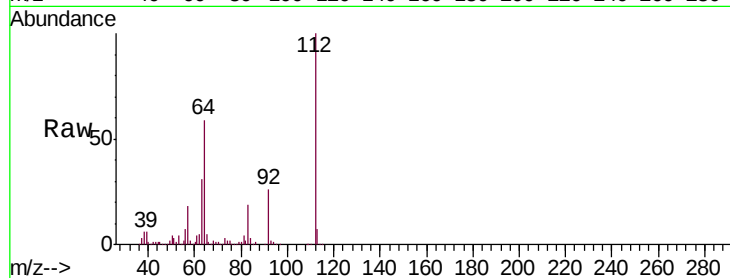
Tgt Ion: 112 Resp: 711866

Ion Ratio Lower Upper

112 100

64 58.8 47.8 71.6

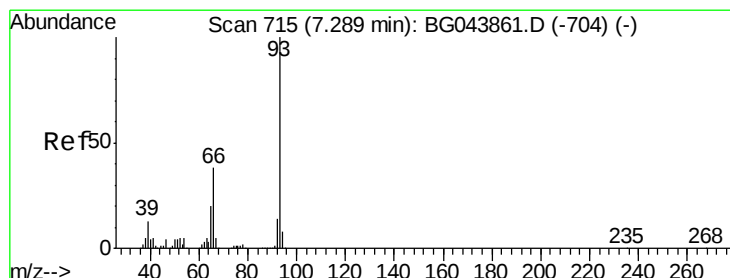
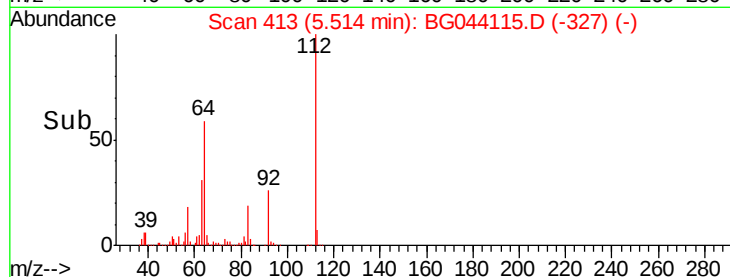
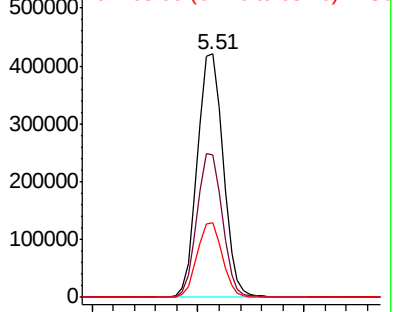
63 30.7 24.3 36.5



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: 16.723 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

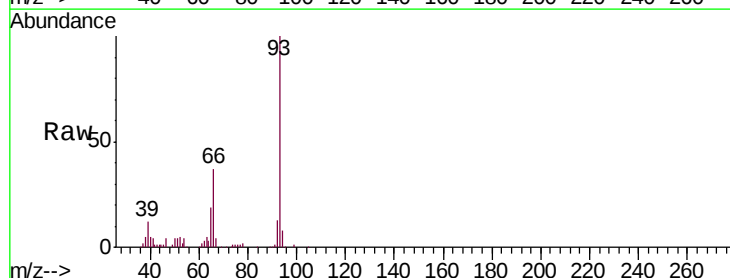
Tgt Ion: 93 Resp: 142748

Ion Ratio Lower Upper

93 100

66 36.8 30.8 46.2

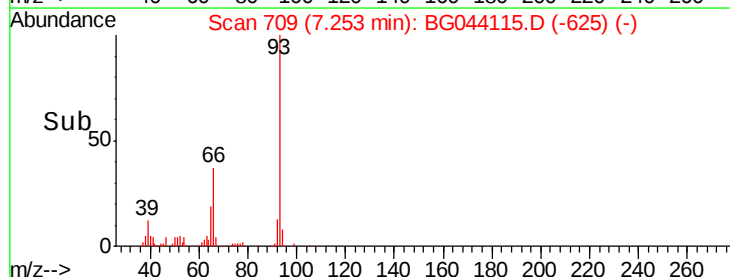
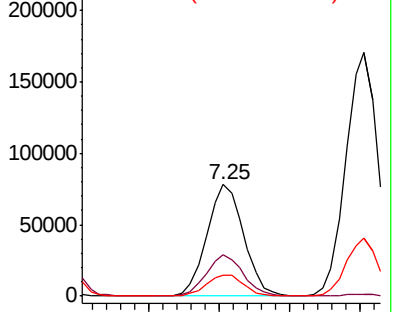
65 18.5 16.0 24.0

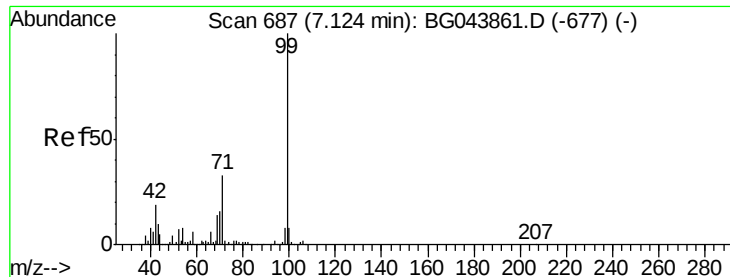


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 155.219 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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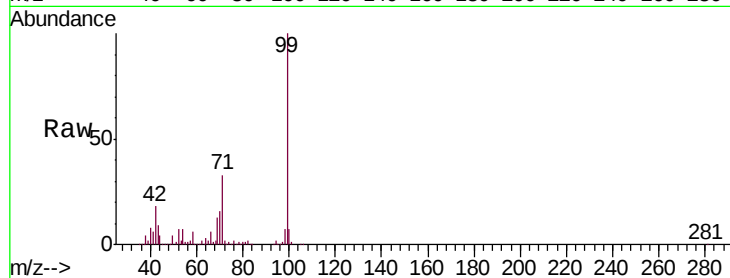
Tgt Ion: 99 Resp: 1008766

Ion Ratio Lower Upper

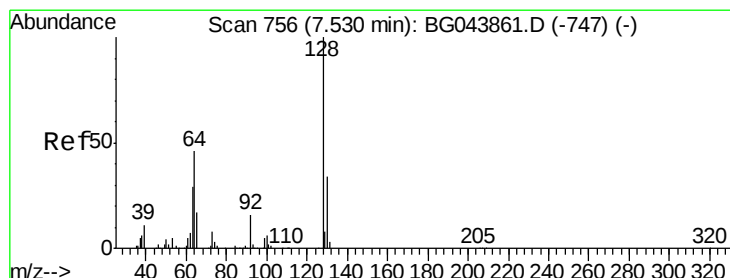
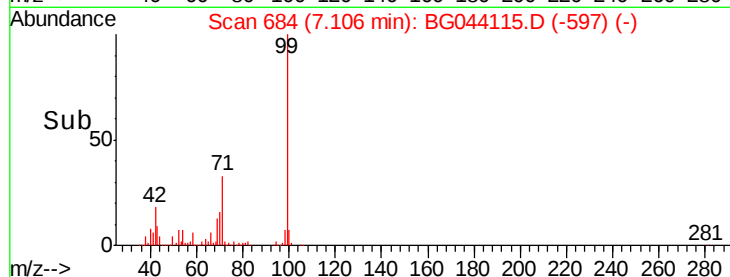
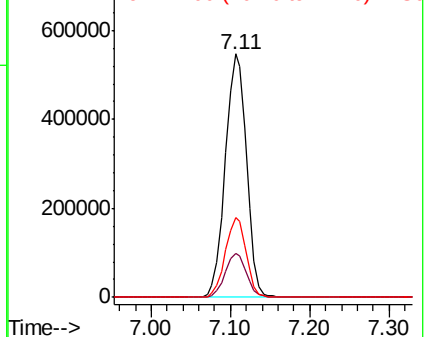
99 100

42 18.1 14.9 22.3

71 32.8 26.4 39.6



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: 54.018 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

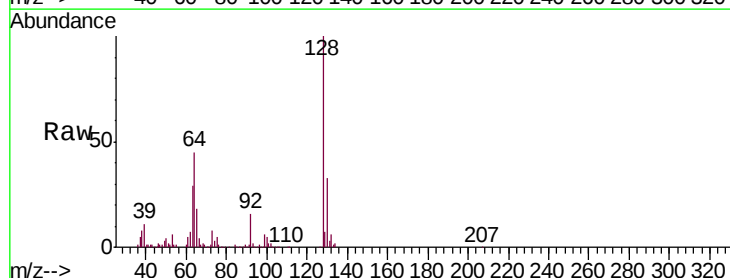
Tgt Ion: 128 Resp: 294846

Ion Ratio Lower Upper

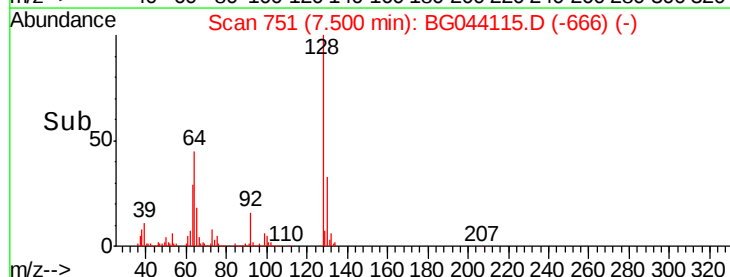
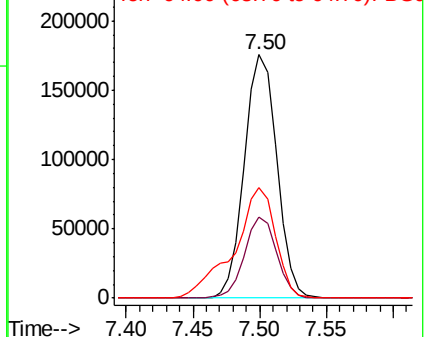
128 100

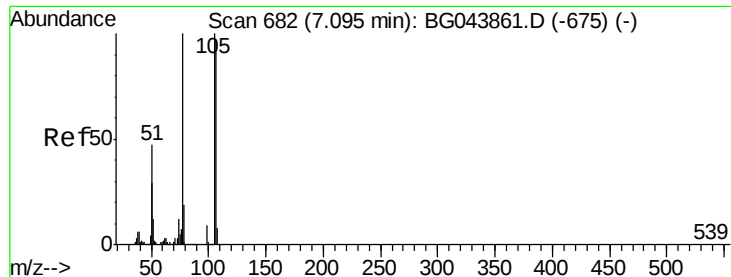
130 33.4 13.8 53.8

64 45.1 27.6 67.6



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





#9

Benzaldehyde

Concen: 36.021 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

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ClientSampleId :

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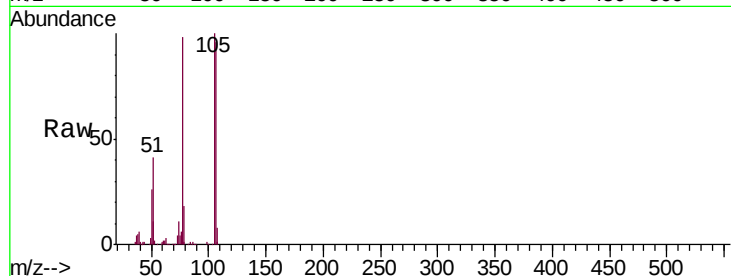
Tgt Ion: 77 Resp: 149828

Ion Ratio Lower Upper

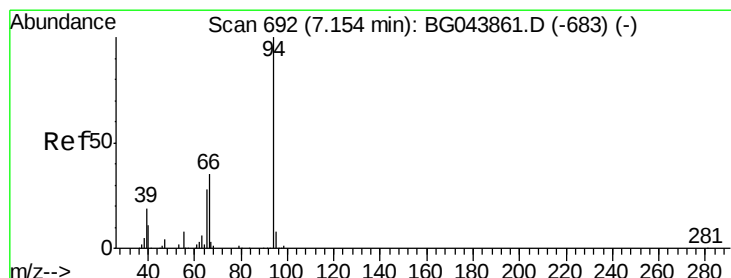
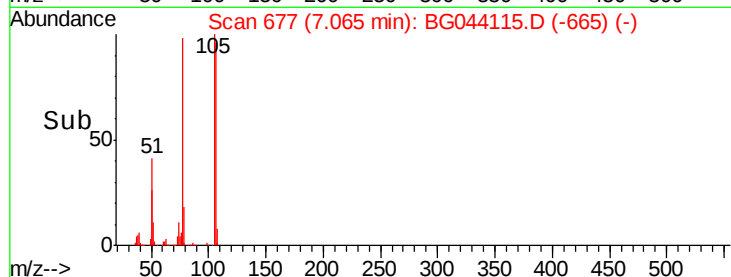
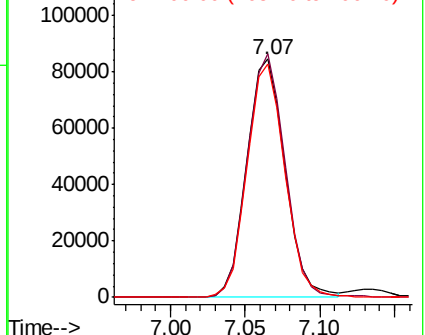
77 100

105 102.2 80.2 120.2

106 97.8 77.2 117.2



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: 59.635 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

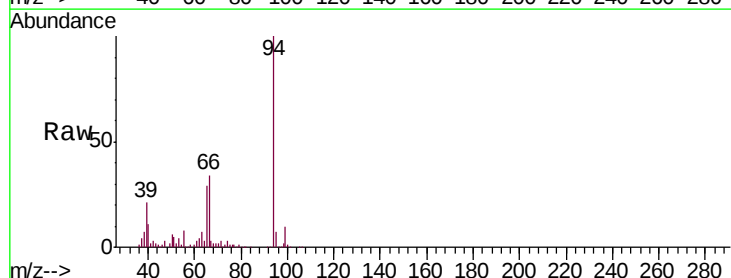
Tgt Ion: 94 Resp: 399318

Ion Ratio Lower Upper

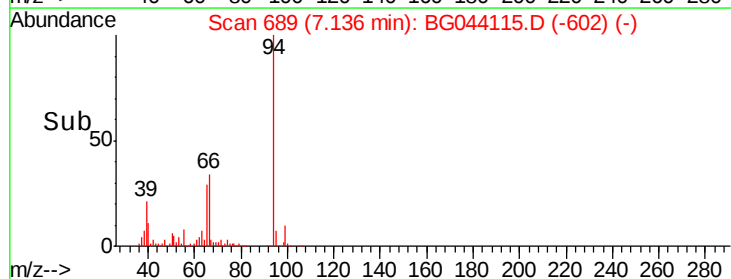
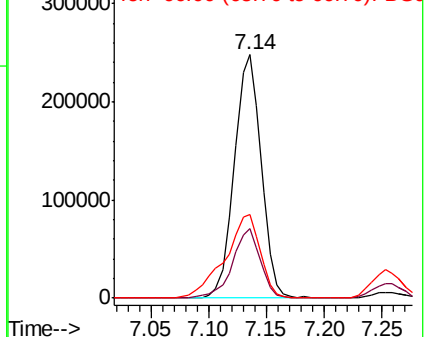
94 100

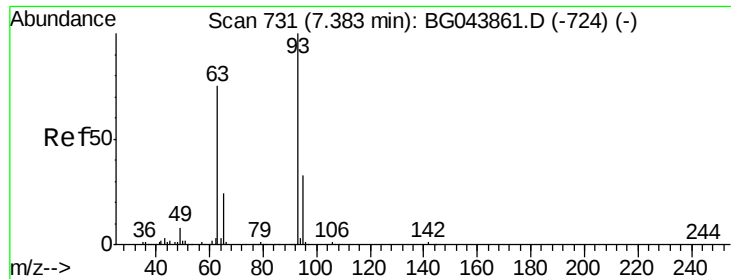
65 28.8 8.1 48.1

66 34.4 15.6 55.6



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

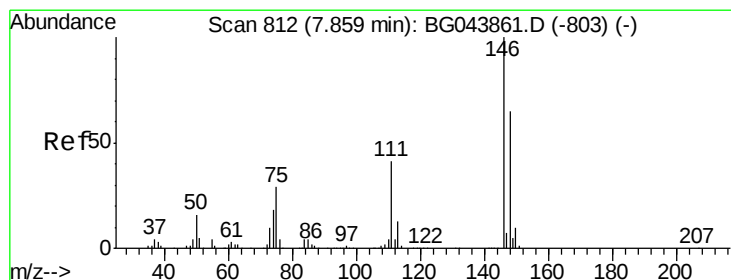
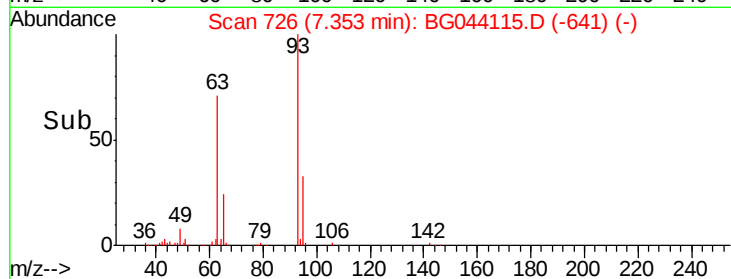
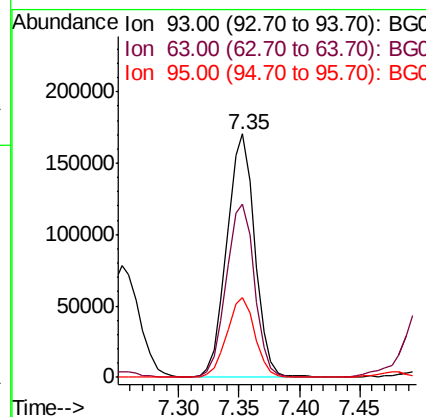
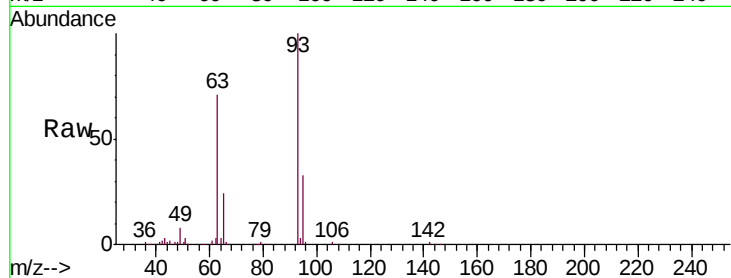




#11
 bis(2-Chloroethyl)ether
 Concen: 47.228 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

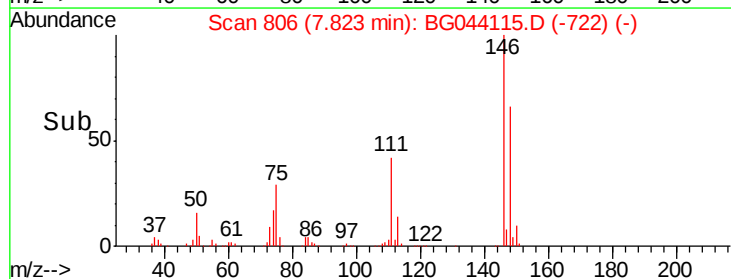
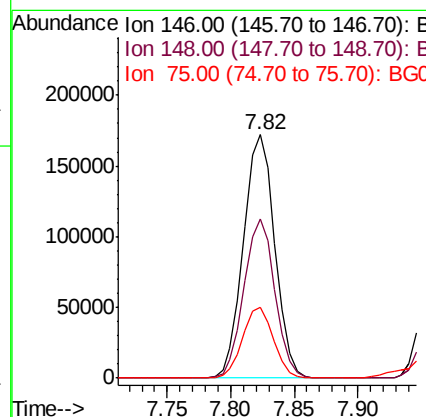
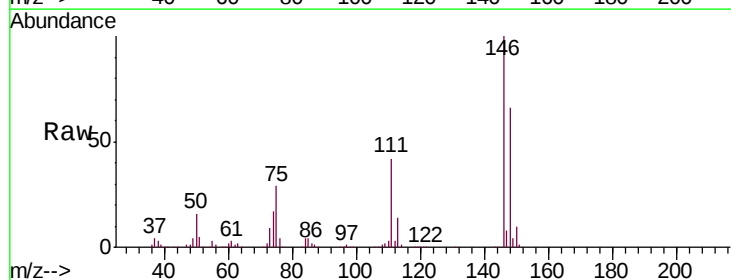
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

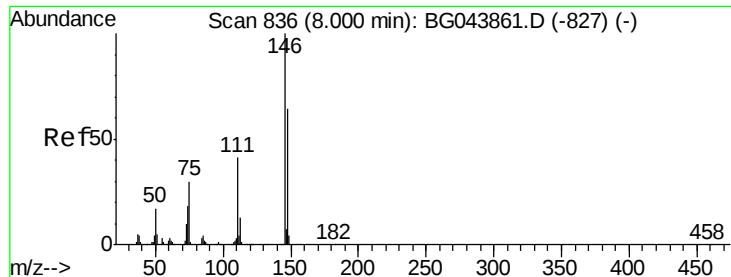
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.2	55.0	95.0
95	33.0	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 46.149 ng
 RT: 7.82 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.1	78.1
75	29.1	23.0	34.4

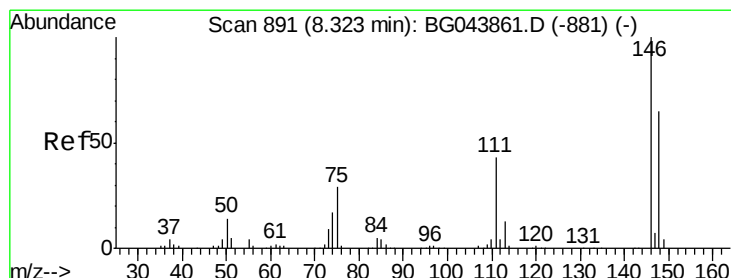
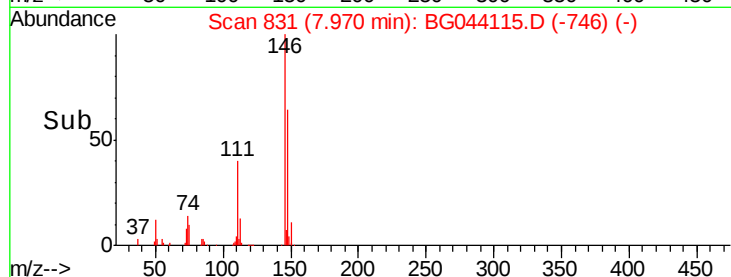
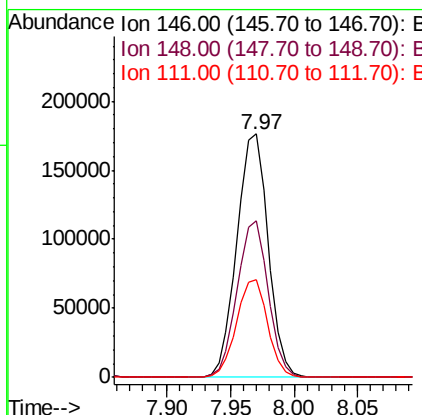
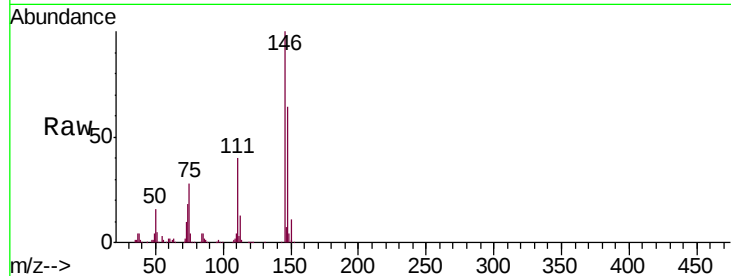




#13
 1,4-Dichlorobenzene
 Concen: 47.967 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

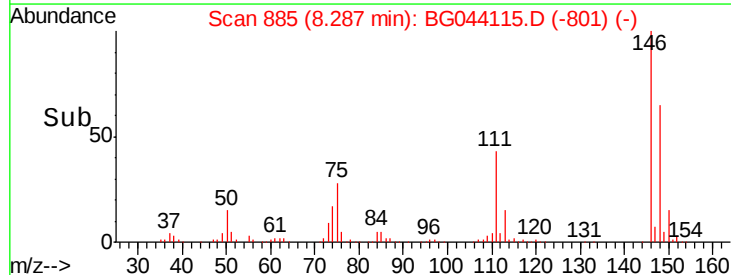
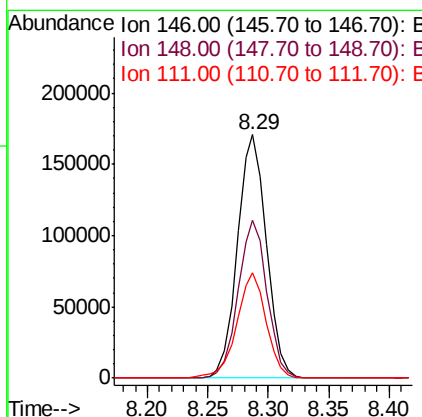
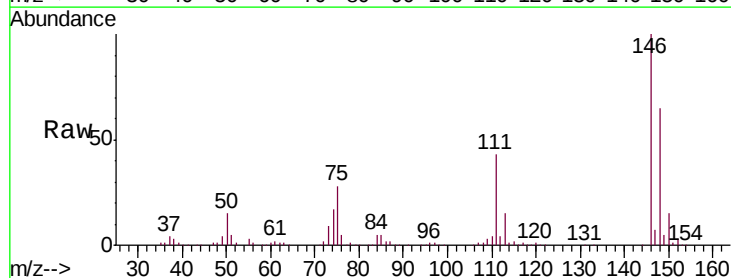
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

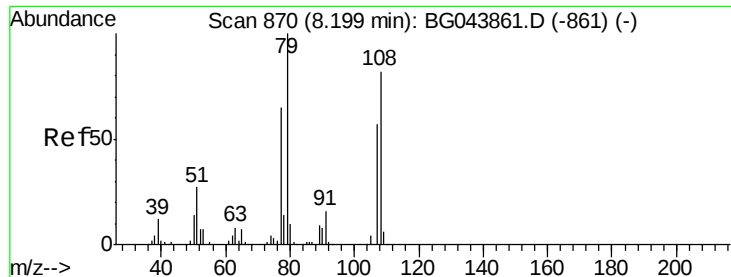
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	40.3	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 47.320 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
111	43.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 49.166 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

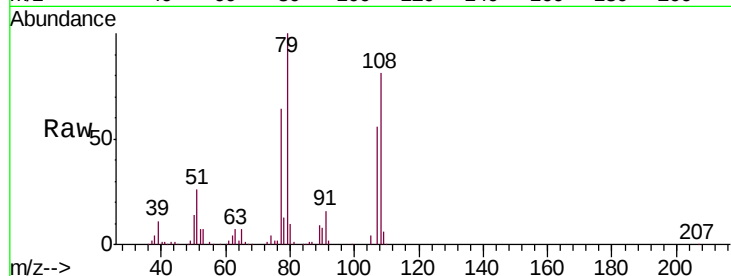
Tgt Ion: 79 Resp: 252178

Ion Ratio Lower Upper

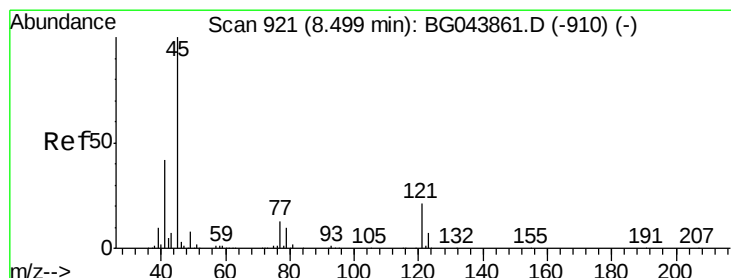
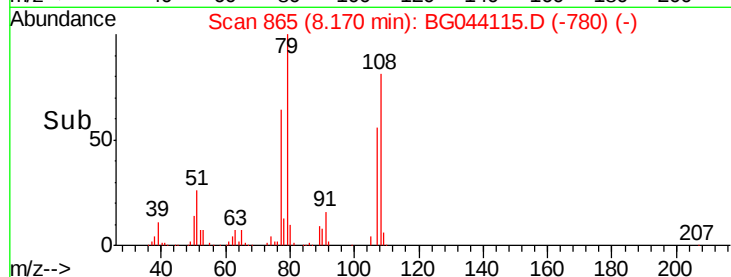
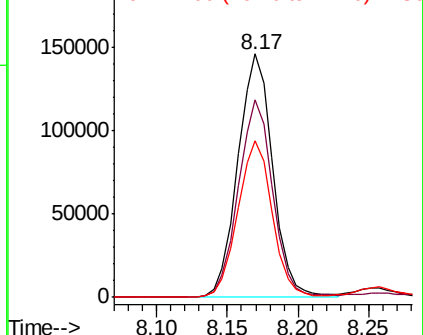
79 100

108 81.1 65.6 98.4

77 64.1 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.633 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

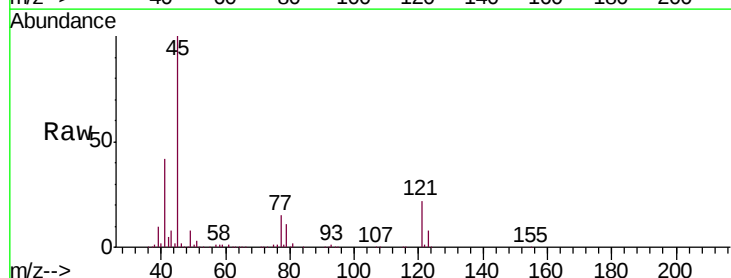
Tgt Ion: 45 Resp: 372294

Ion Ratio Lower Upper

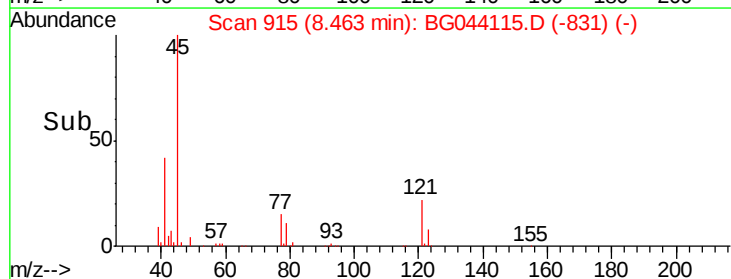
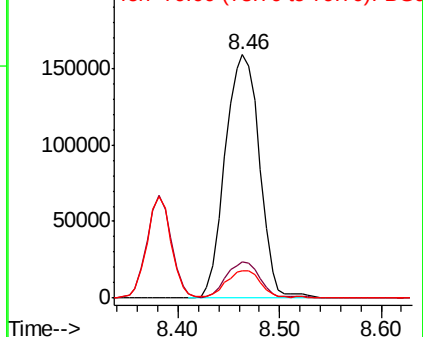
45 100

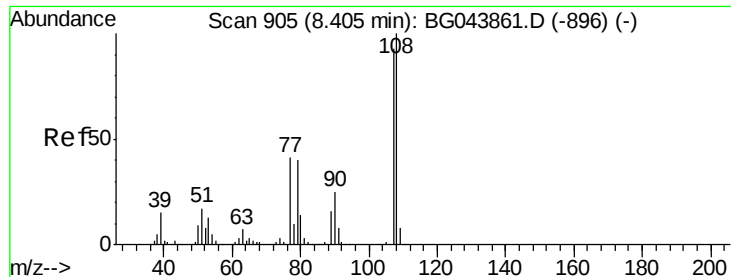
77 14.8 0.0 33.8

79 11.4 0.0 31.0



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

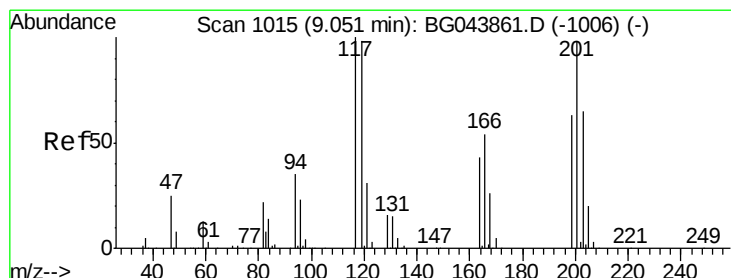
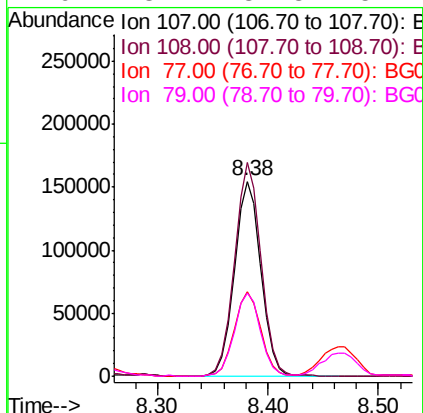
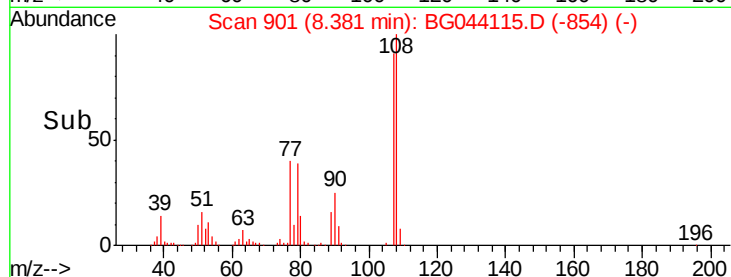
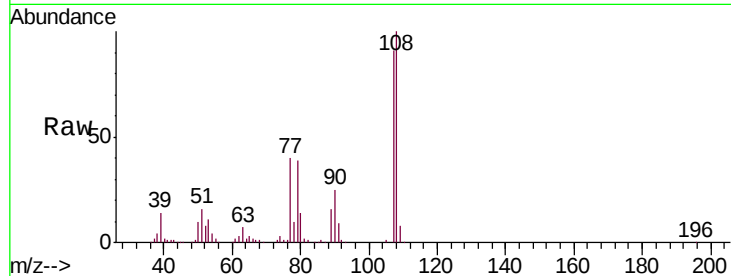




#17
2-Methylphenol
Concen: 53.446 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

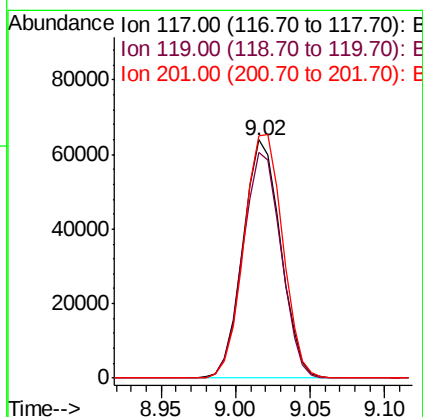
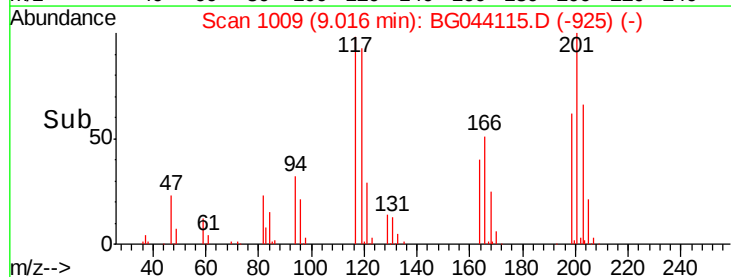
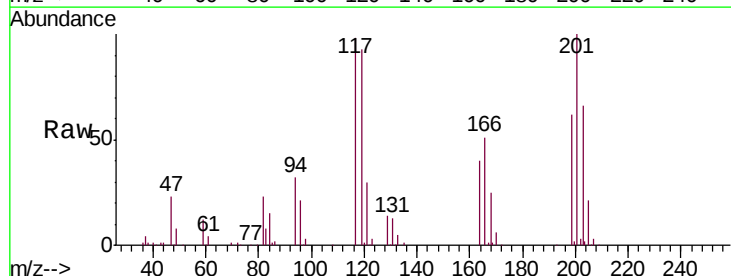
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

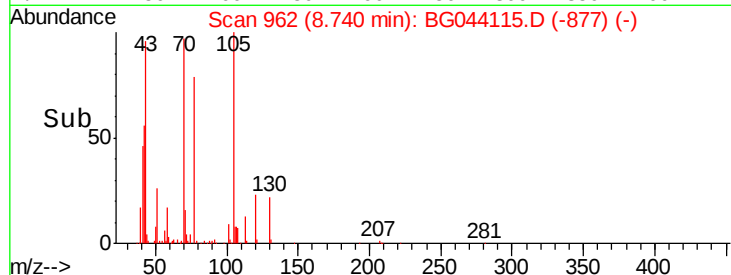
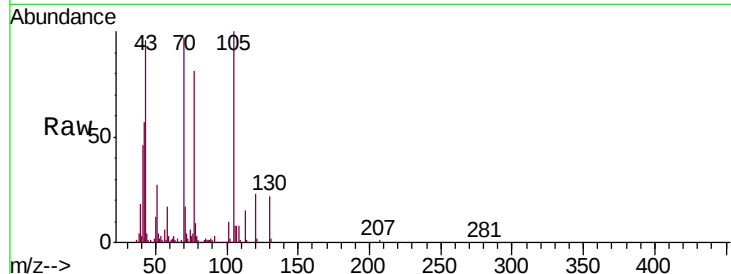
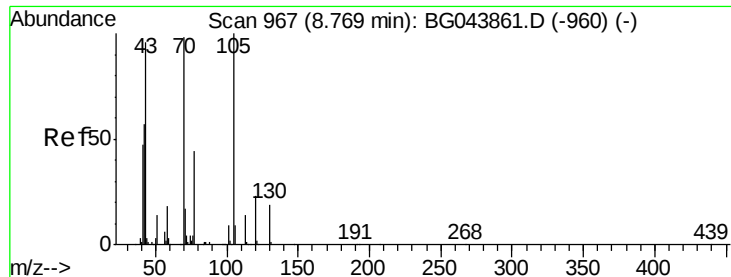
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.8	86.1	129.1
77	43.5	35.4	53.0
79	43.1	34.8	52.2



#18
Hexachloroethane
Concen: 45.489 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.1	117.1
201	101.5	78.6	117.8

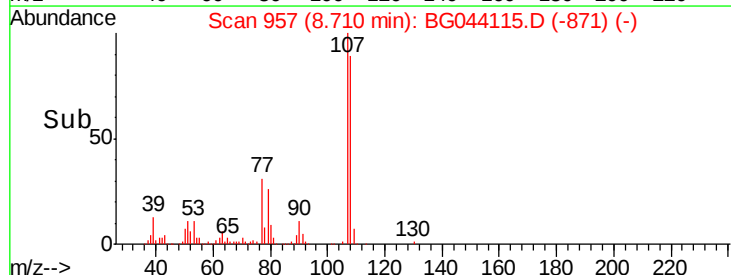
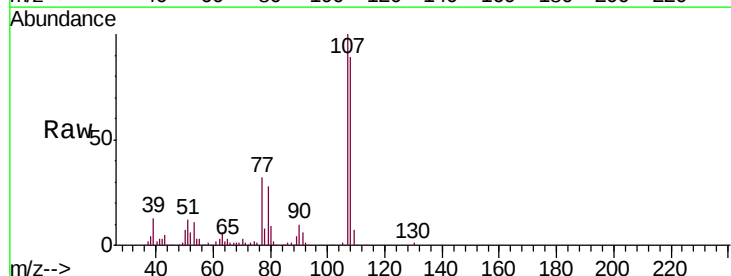
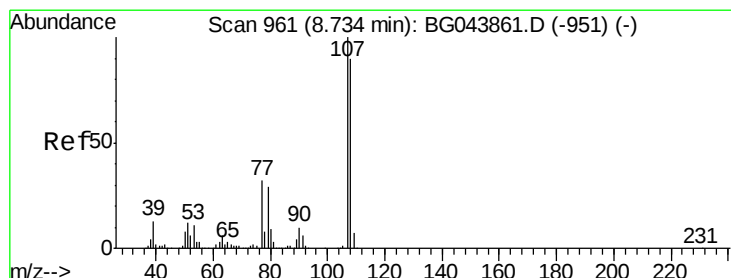
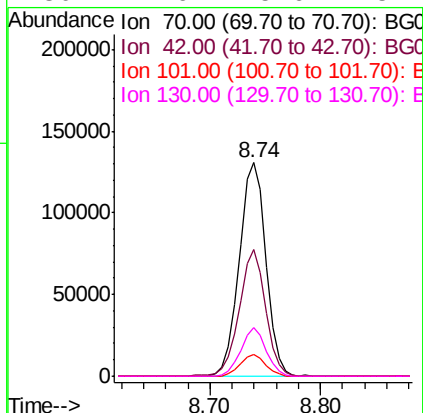




#19
n-Nitroso-di-n-propylamine
Concen: 45.795 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

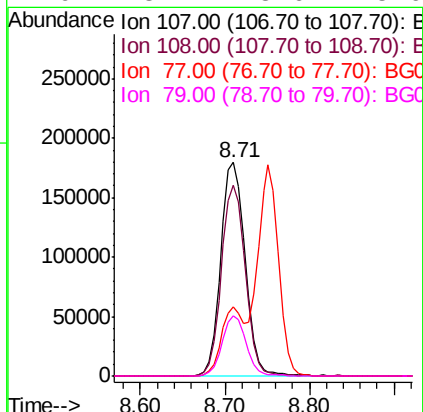
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

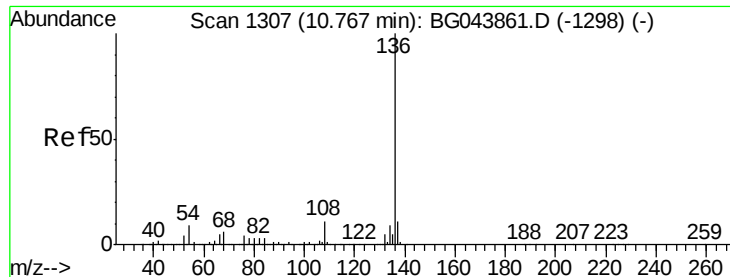
Tgt Ion:	70	Resp:	221640
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.0	70.4
101	10.0	7.2	10.8
130	22.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 53.160 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:	107	Resp:	359352
Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.3	110.3
77	32.3	12.4	52.4
79	28.4	8.6	48.6

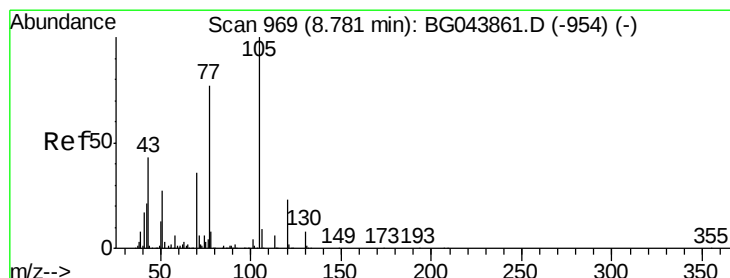
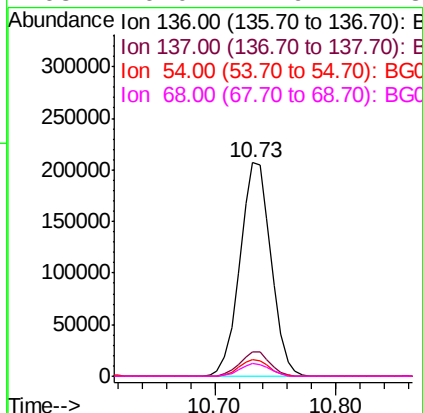
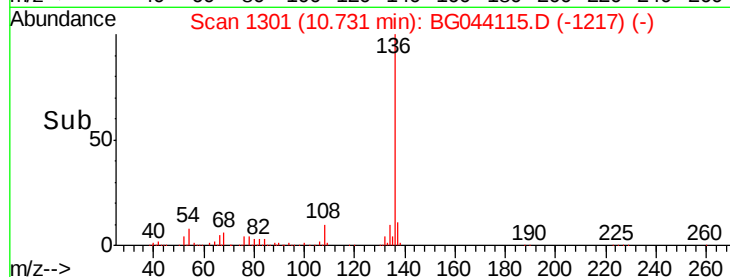
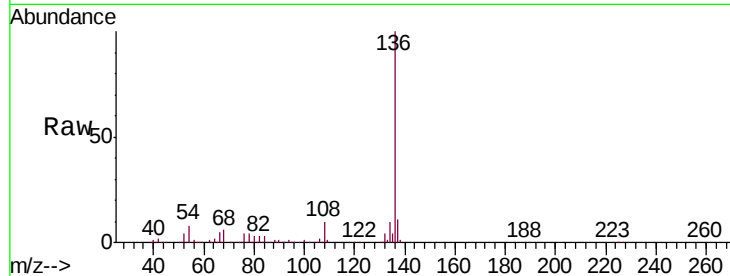




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

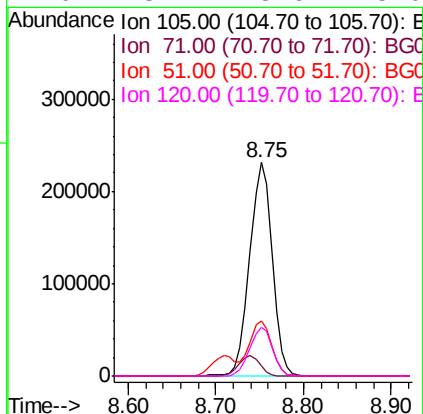
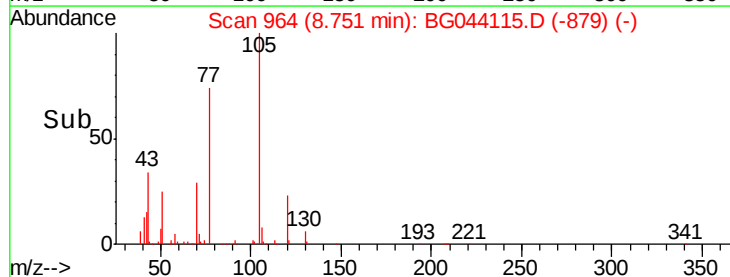
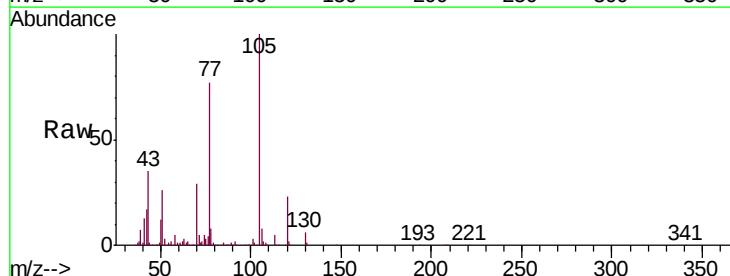
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

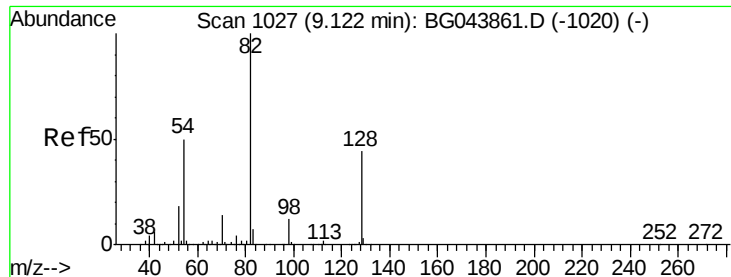
Tgt Ion:	136	Resp:	372118
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	7.7	7.0	10.4
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 43.754 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:	105	Resp:	404775
Ion Ratio	Lower	Upper	
105	100		
71	4.8	4.8	7.2
51	25.6	21.4	32.0
120	23.1	18.6	28.0

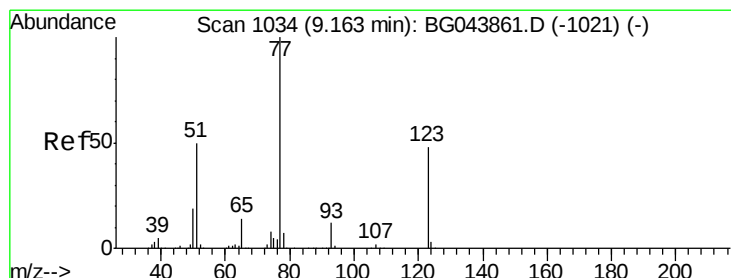
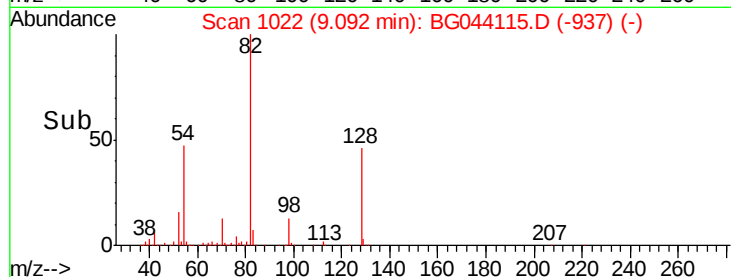
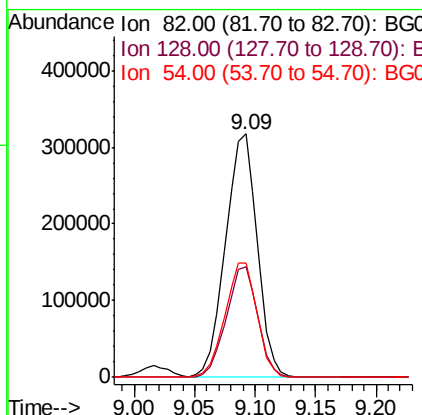
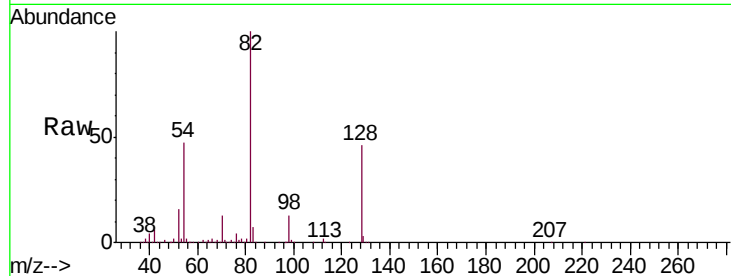




#23
 Nitrobenzene-d5
 Concen: 82.854 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

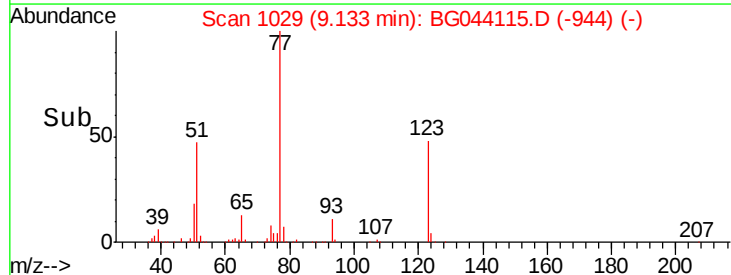
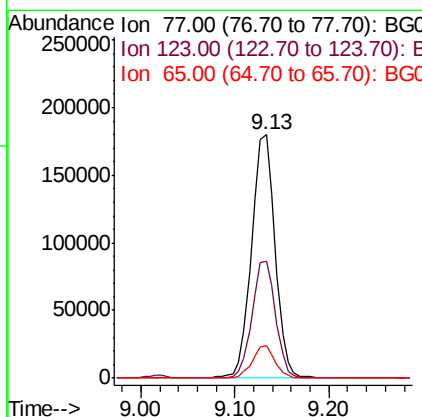
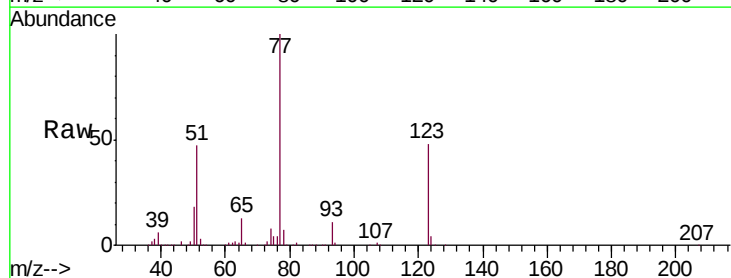
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

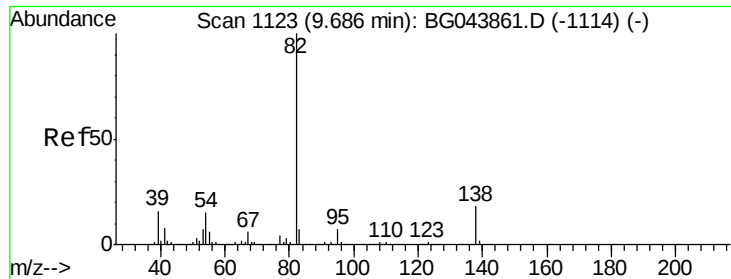
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	46.9	40.1	60.1



#24
 Nitrobenzene
 Concen: 45.393 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	38.7	58.1
65	13.2	11.1	16.7

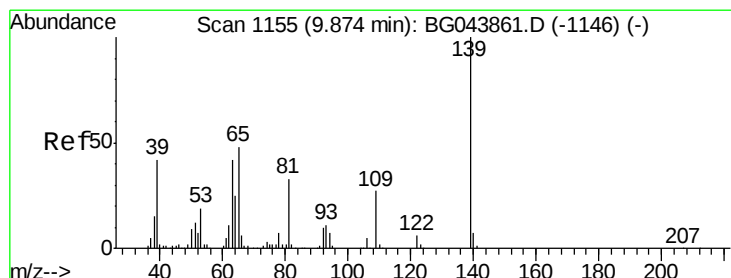
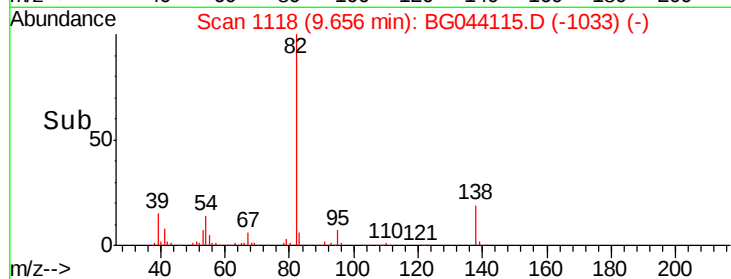
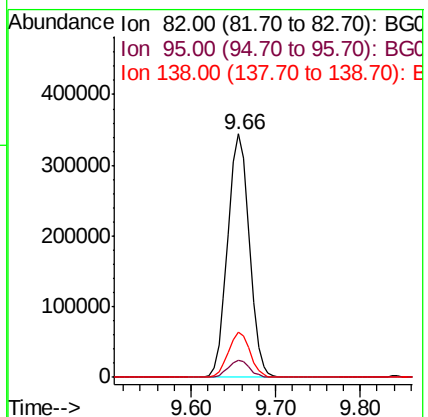
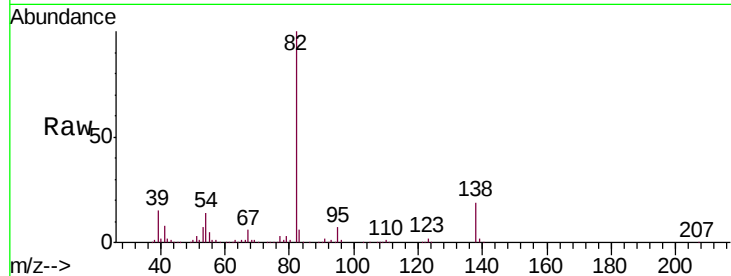




#25
Isophorone
Concen: 46.481 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

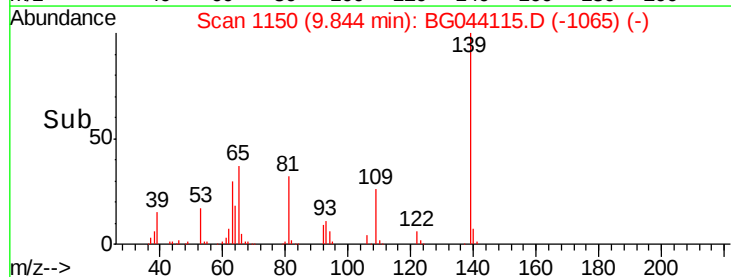
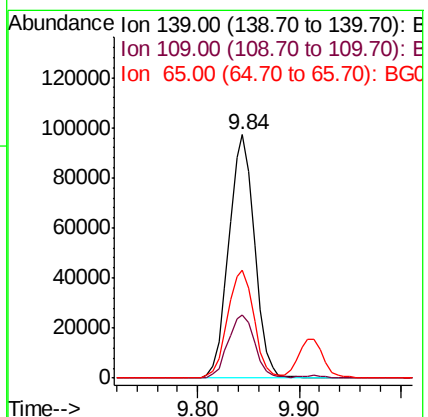
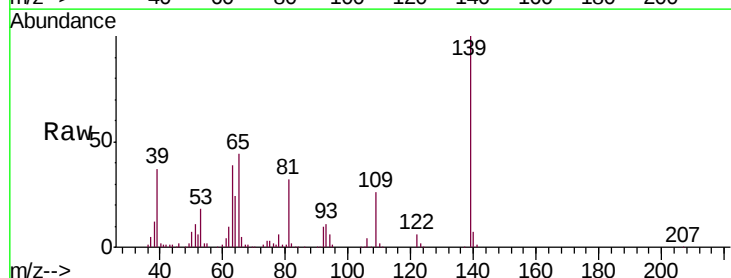
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

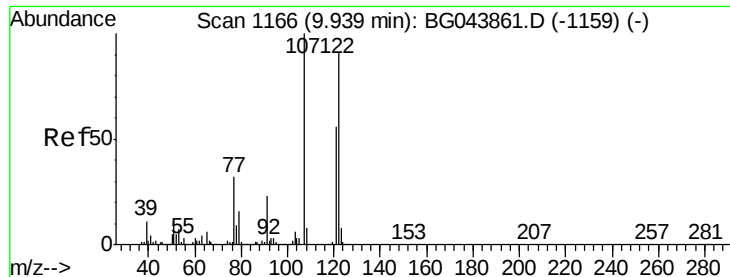
Tgt Ion: 82 Resp: 606589
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 18.7 14.6 22.0



#26
2-Nitrophenol
Concen: 52.640 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion: 139 Resp: 171578
Ion Ratio Lower Upper
139 100
109 26.0 21.3 31.9
65 44.5 38.6 57.8

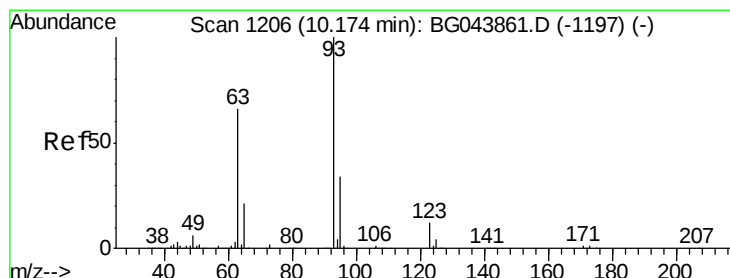
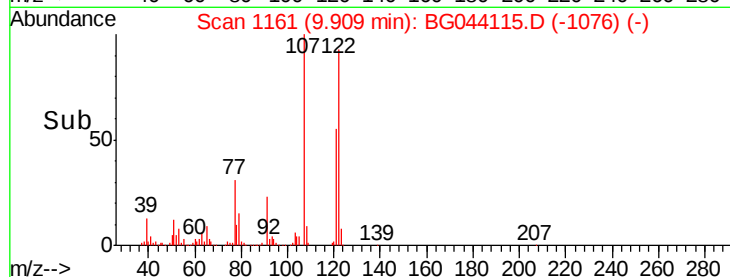
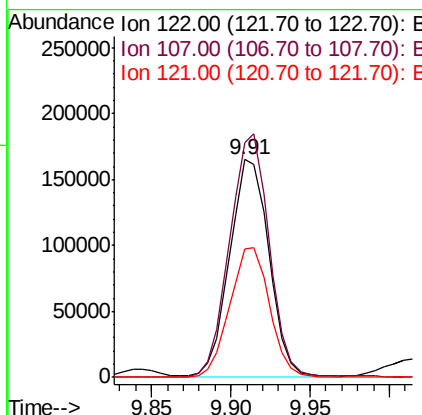
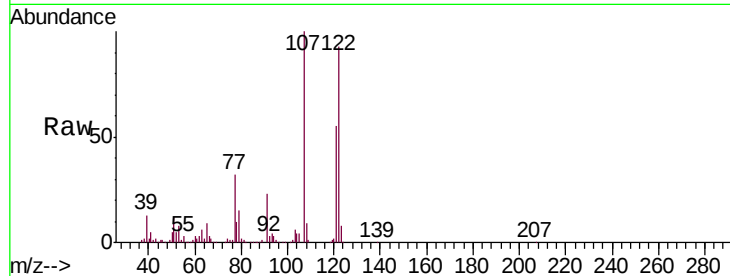




#27
 2,4-Dimethylphenol
 Concen: 57.894 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

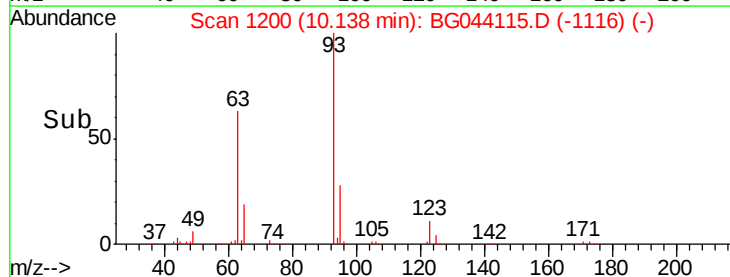
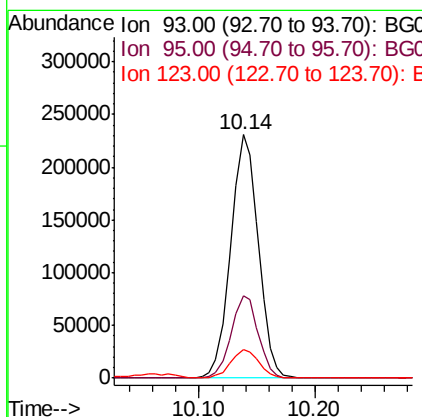
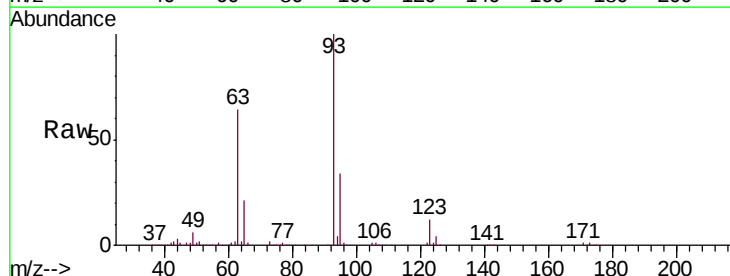
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

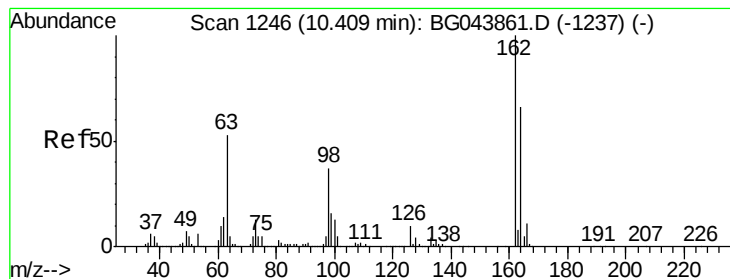
Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.9	88.0	132.0
121	59.3	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.727 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.2	40.8
123	11.9	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 51.665 ng

RT: 10.38 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

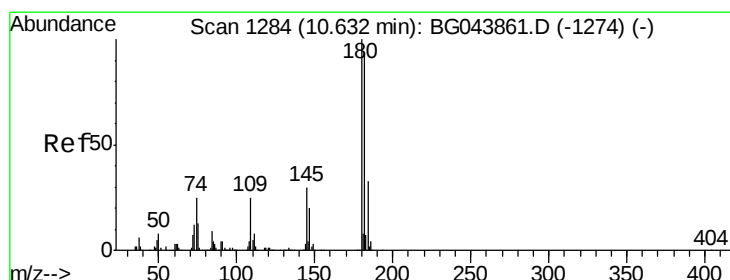
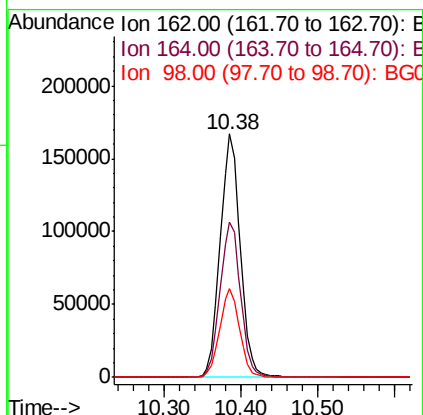
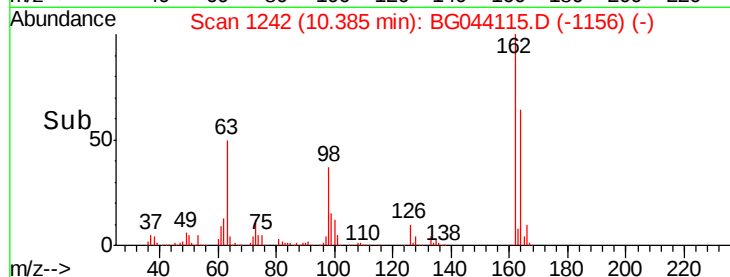
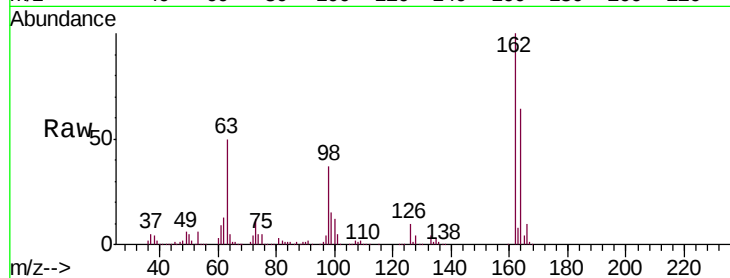
Tgt Ion:162 Resp: 302376

Ion Ratio Lower Upper

162 100

164 63.6 46.3 86.3

98 36.6 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 44.890 ng

RT: 10.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

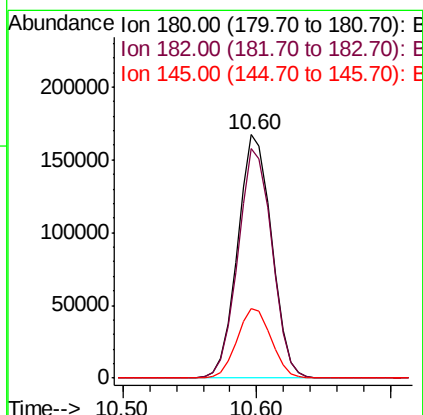
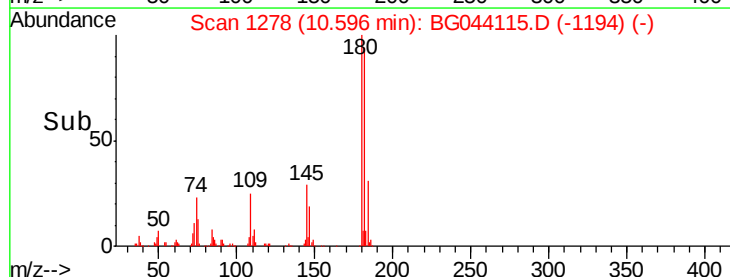
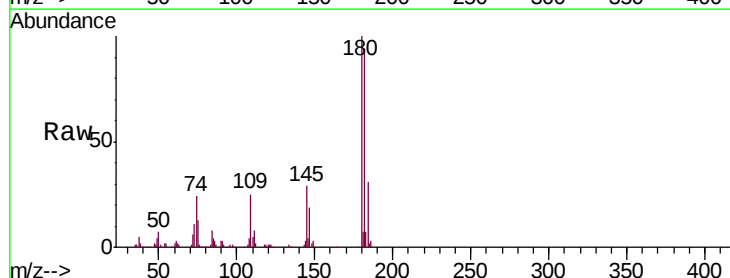
Tgt Ion:180 Resp: 294576

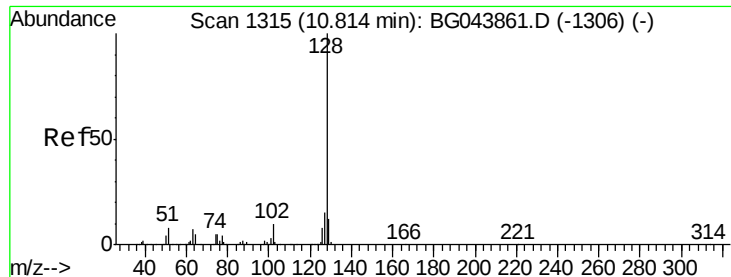
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.4

145 28.7 24.2 36.4

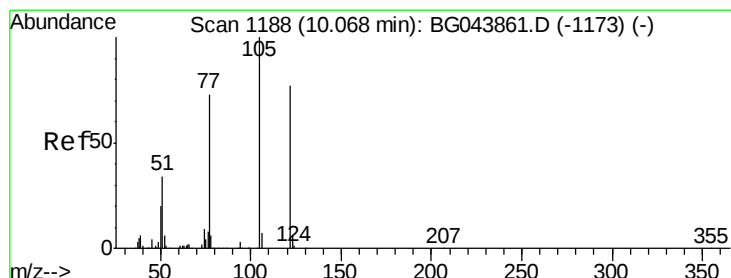
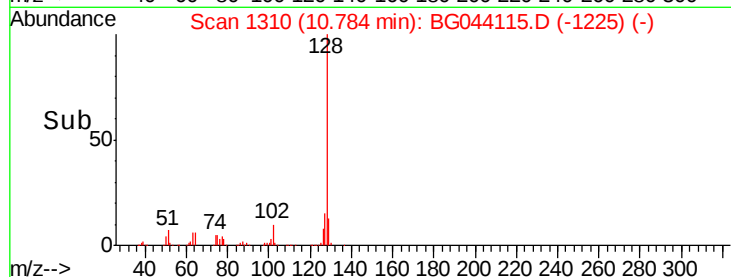
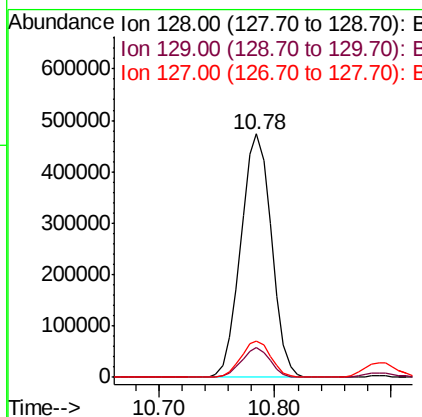
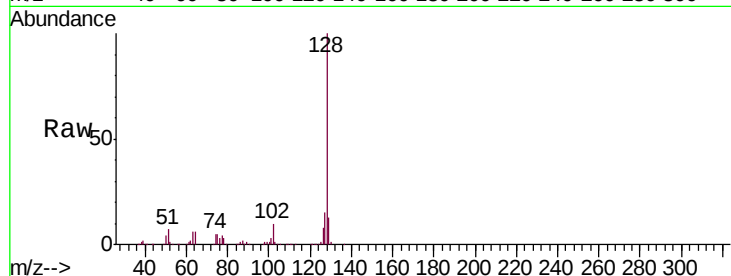




#31
Naphthalene
Concen: 48.390 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

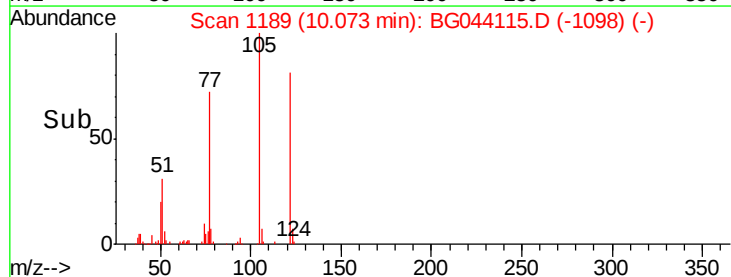
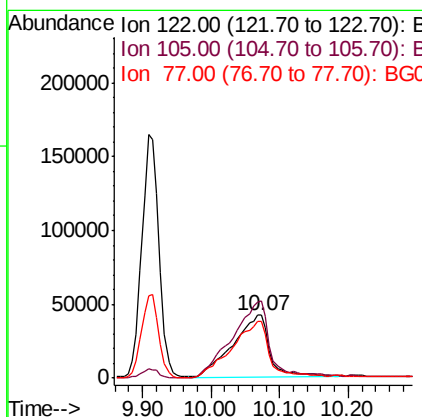
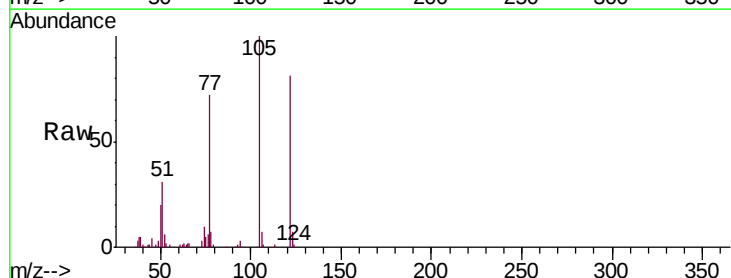
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

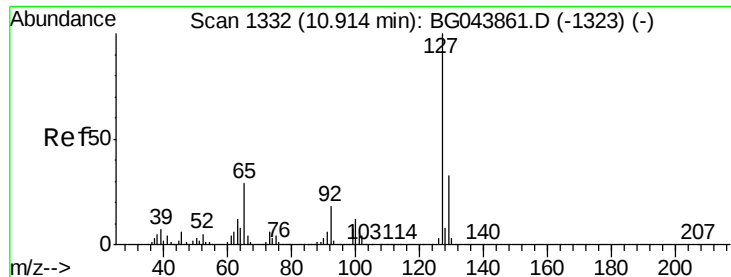
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	14.7	12.0	18.0



#32
Benzoic acid
Concen: 40.878 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.4	146.4
77	90.0	74.6	114.6

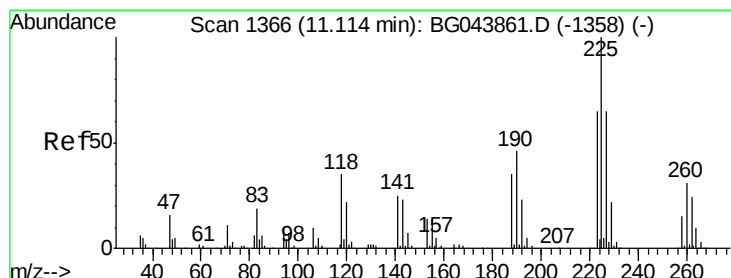
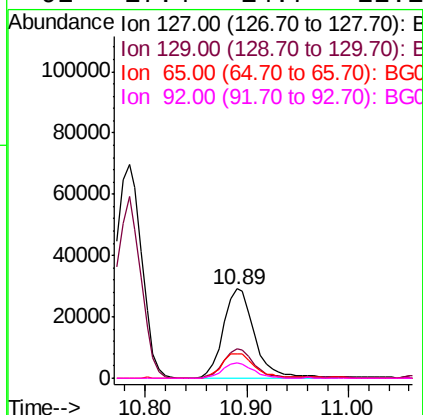
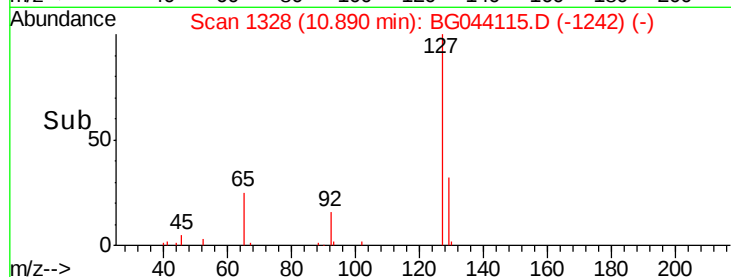
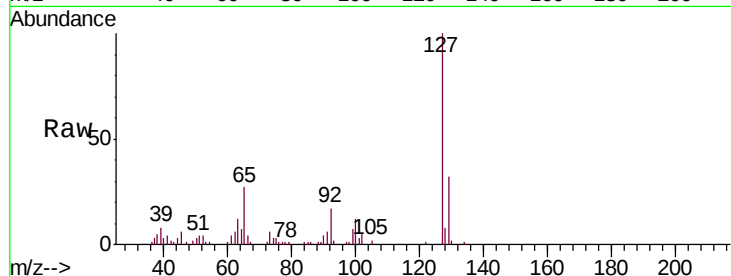




#33
4-Chloroaniline
Concen: 7.328 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

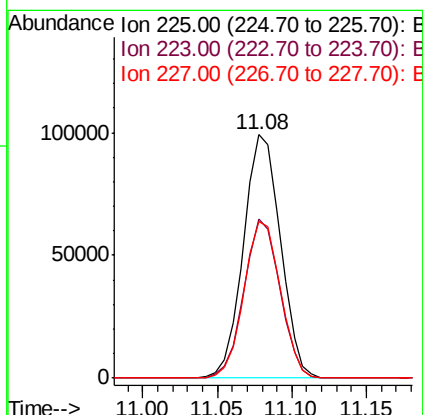
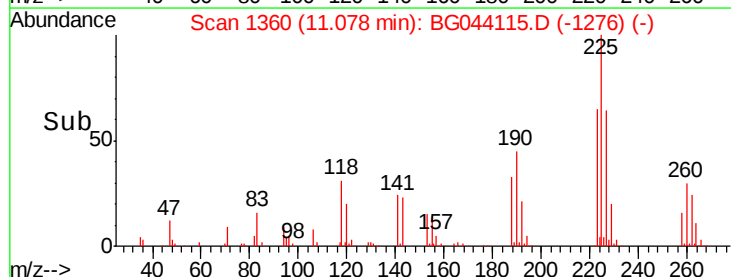
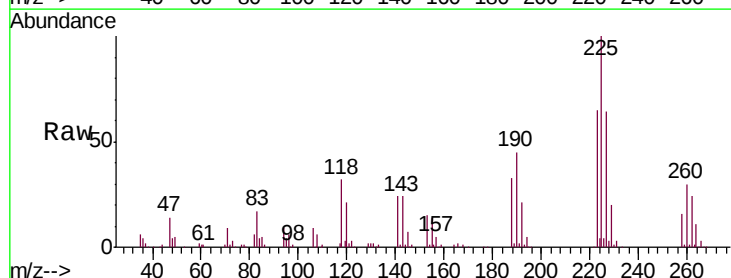
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

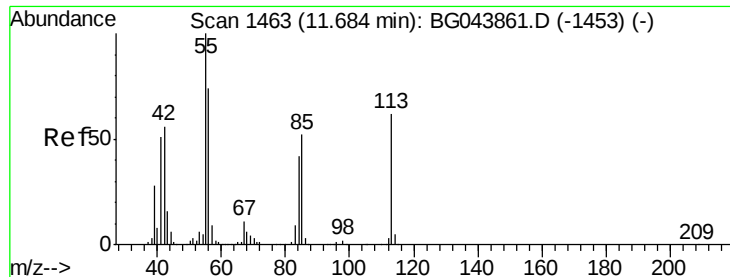
Tgt Ion:	127	Resp:	62935
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	40.0
65	27.3	23.3	34.9
92	17.4	14.7	22.1



#34
Hexachlorobutadiene
Concen: 42.508 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:	225	Resp:	170312
Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.2	78.4
227	64.1	52.1	78.1





#35

Caprolactam

Concen: 38.939 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

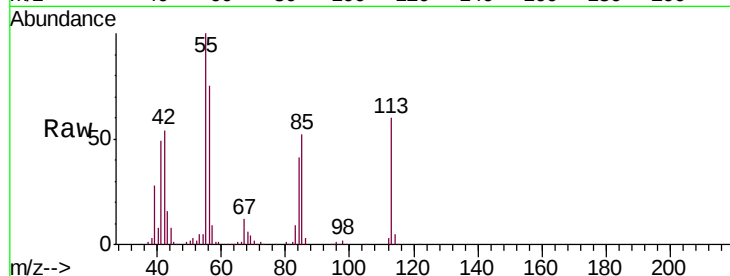
Tgt Ion:113 Resp: 84837

Ion Ratio Lower Upper

113 100

55 165.3 142.5 182.5

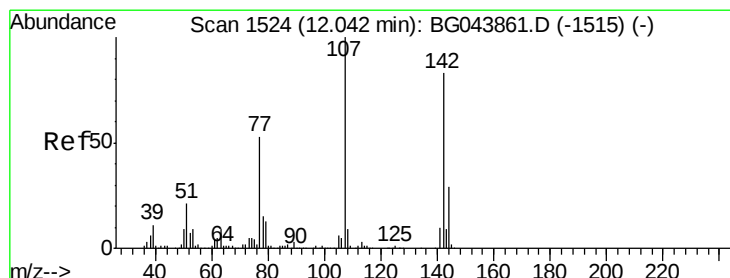
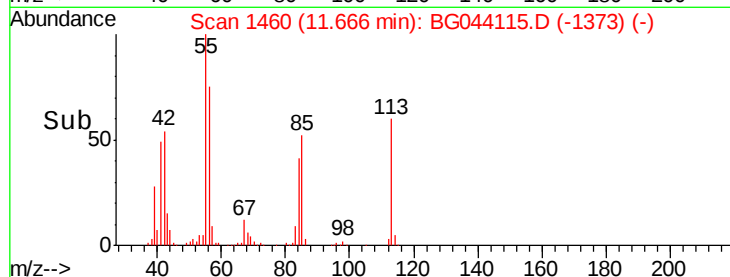
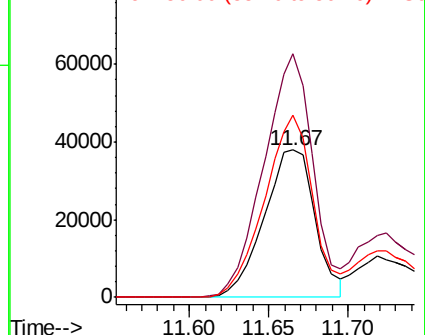
56 123.9 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 53.474 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

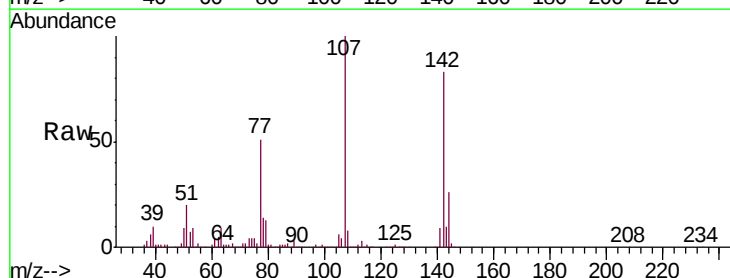
Tgt Ion:107 Resp: 333169

Ion Ratio Lower Upper

107 100

144 26.0 23.4 35.2

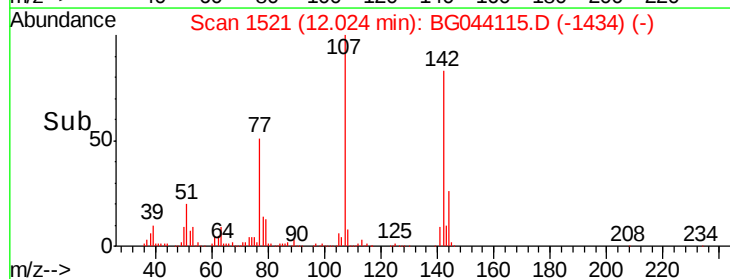
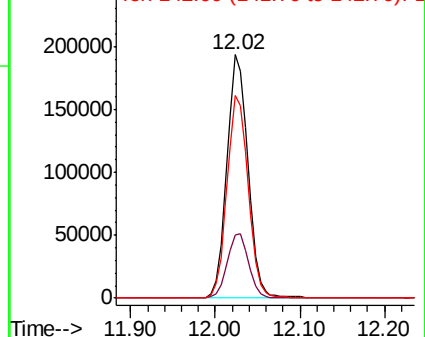
142 83.4 66.3 99.5

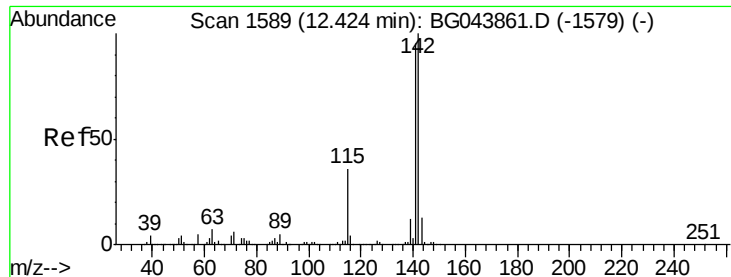


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

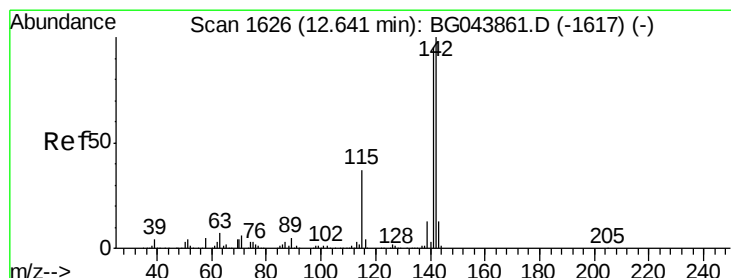
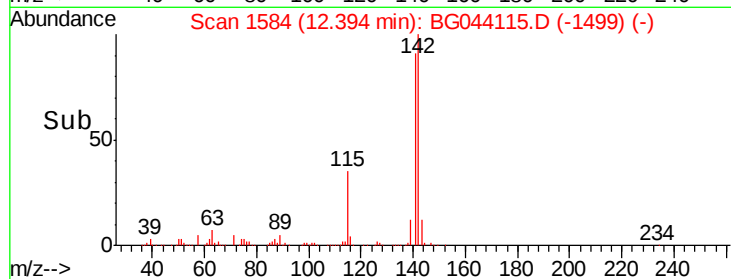
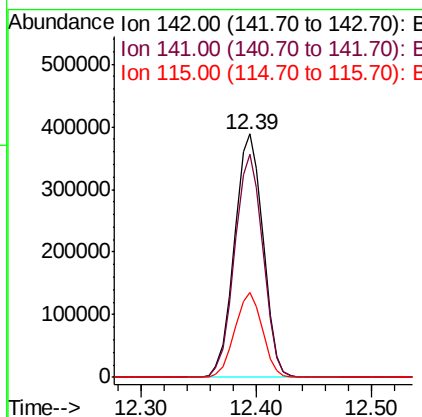
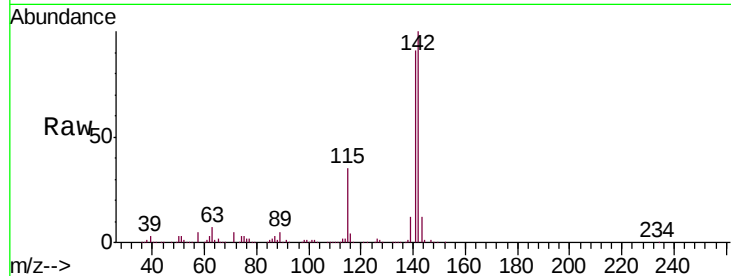




#37
2-Methylnaphthalene
Concen: 48.958 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

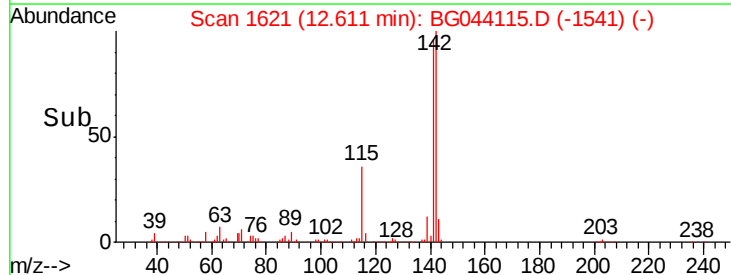
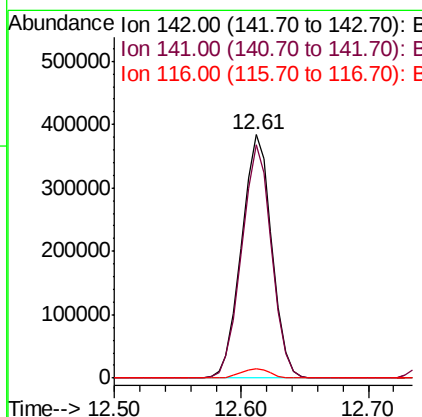
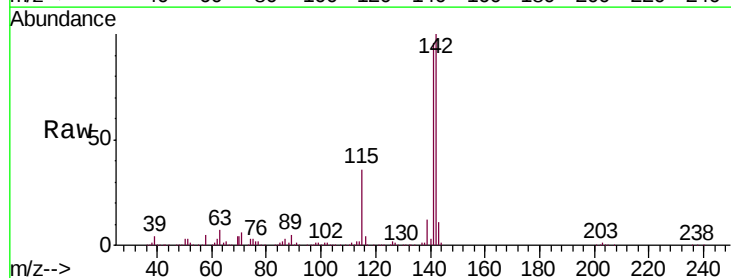
Instrument :
BNA_G
ClientSampled :
EP-3MSD

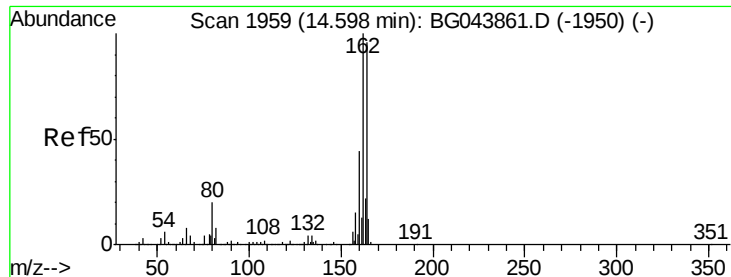
Tgt Ion:142 Resp: 663725
Ion Ratio Lower Upper
142 100
141 91.4 75.8 113.8
115 34.8 28.6 42.8



#38
1-Methylnaphthalene
Concen: 49.304 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:142 Resp: 633501
Ion Ratio Lower Upper
142 100
141 95.8 76.0 114.0
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

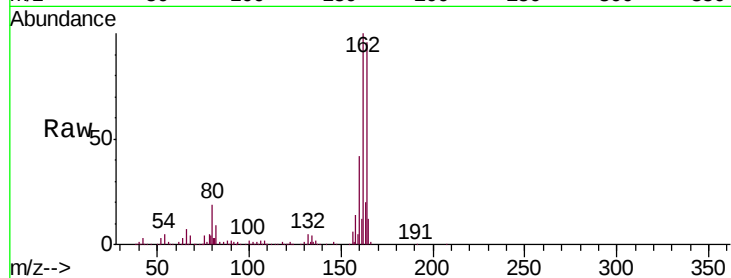
Tgt Ion:164 Resp: 252166

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

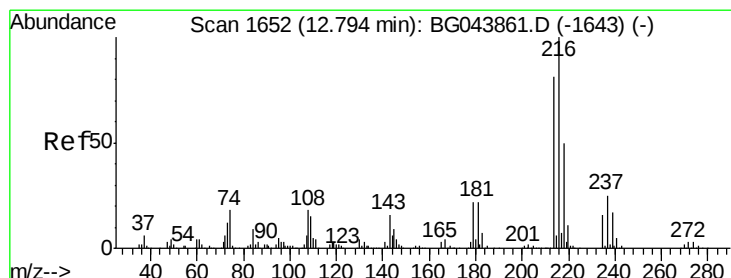
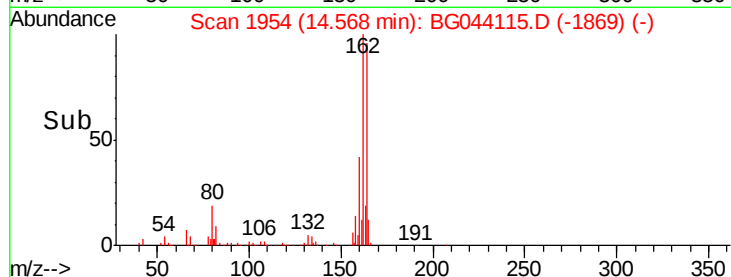
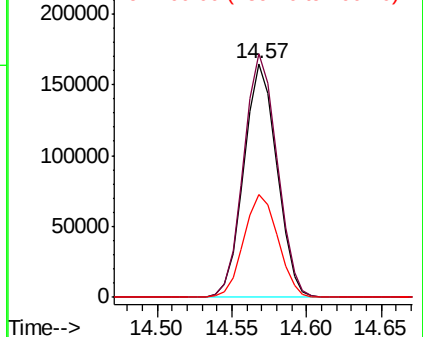
160 44.1 36.1 54.1



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: 42.814 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:216 Resp: 316439

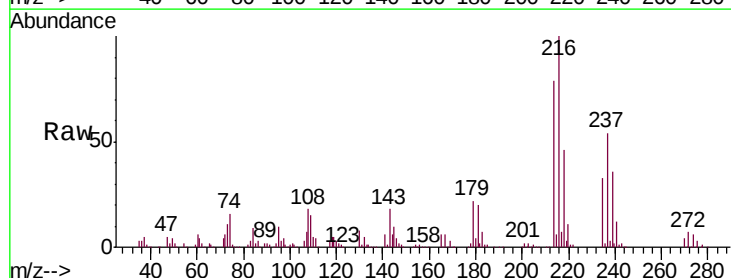
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 21.6 17.3 25.9

108 20.3 15.3 22.9

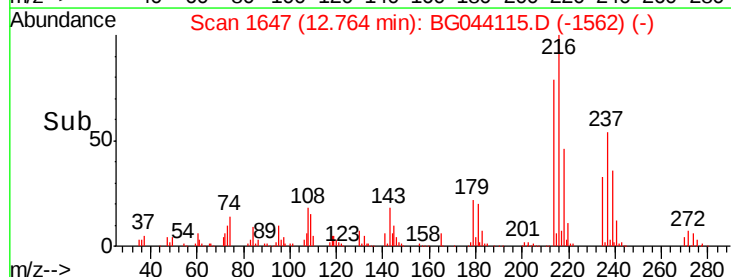
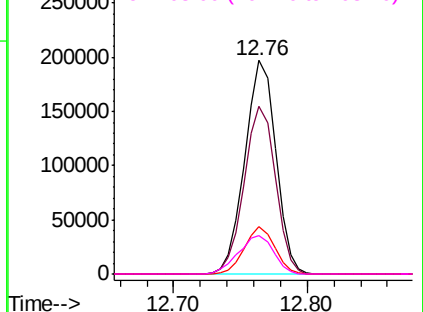


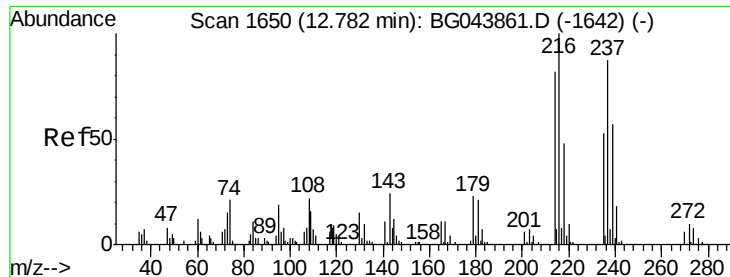
Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.873 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

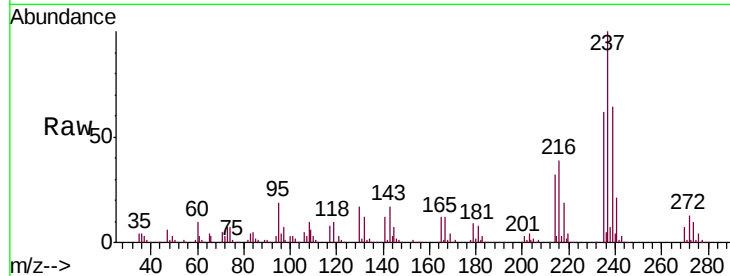
Tgt Ion: 237 Resp: 401850

Ion Ratio Lower Upper

237 100

235 62.1 41.1 81.1

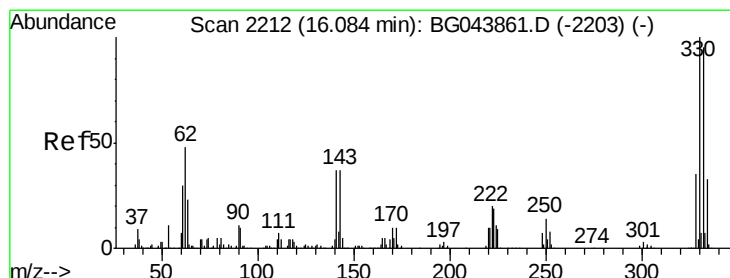
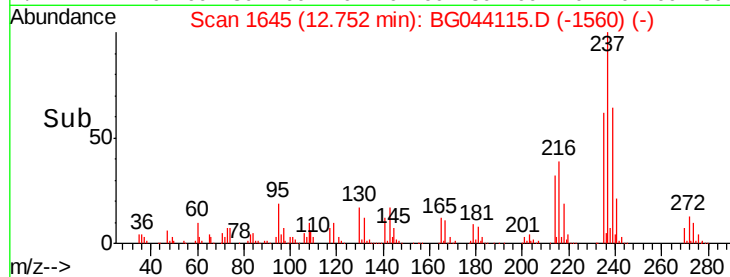
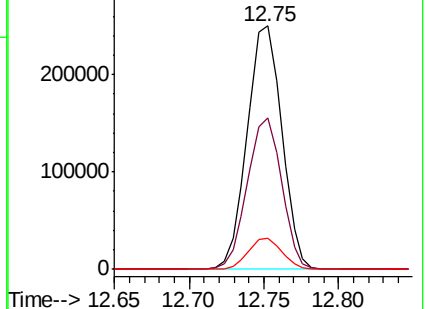
272 12.8 0.0 31.7



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: 148.921 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

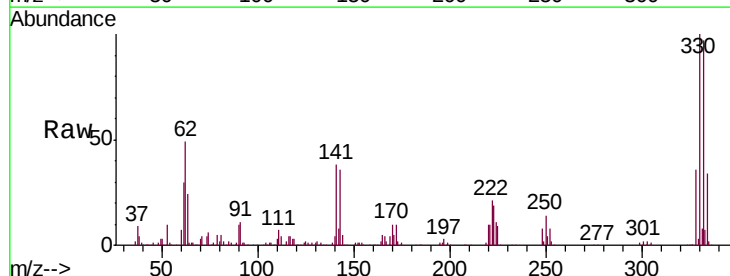
Tgt Ion: 330 Resp: 392982

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

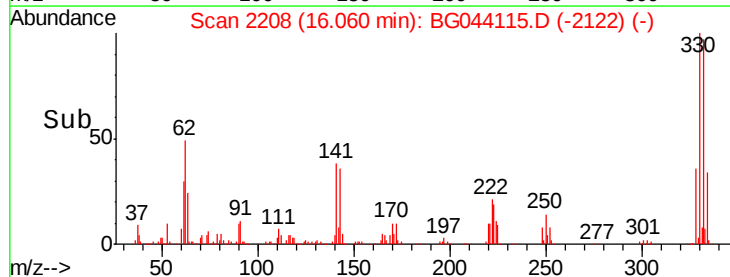
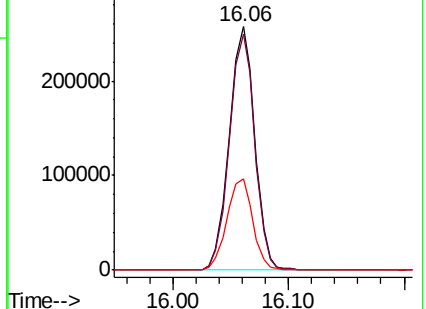
141 38.1 33.1 49.7

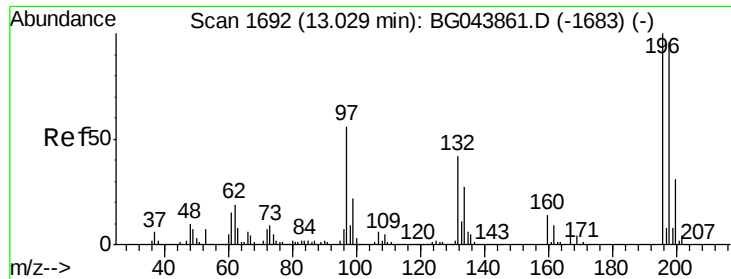


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

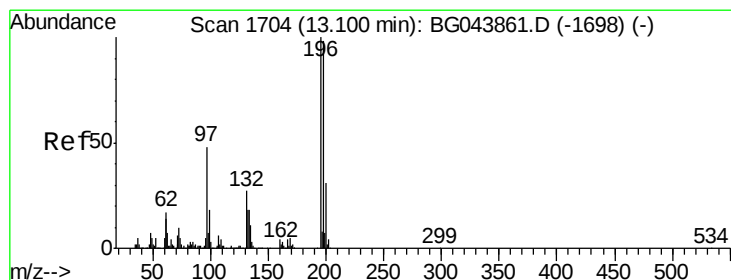
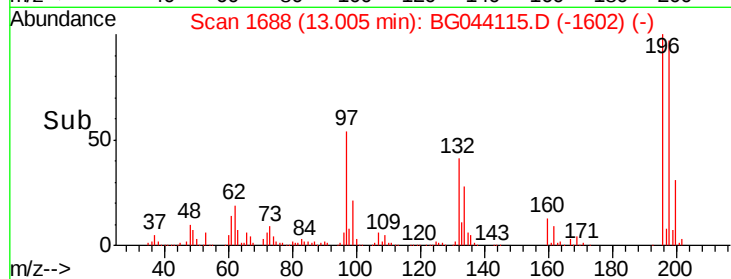
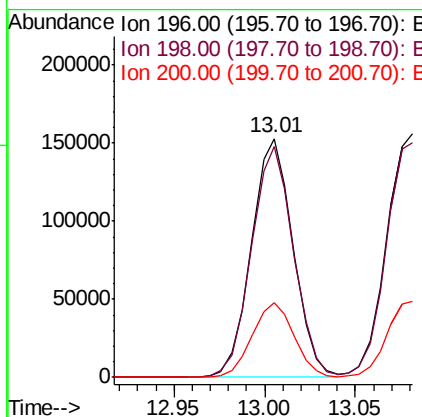
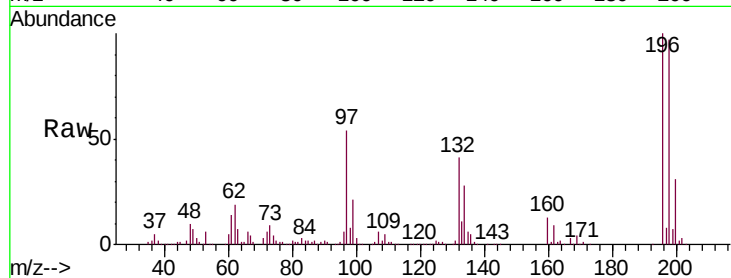




#43
 2,4,6-Trichlorophenol
 Concen: 48.392 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

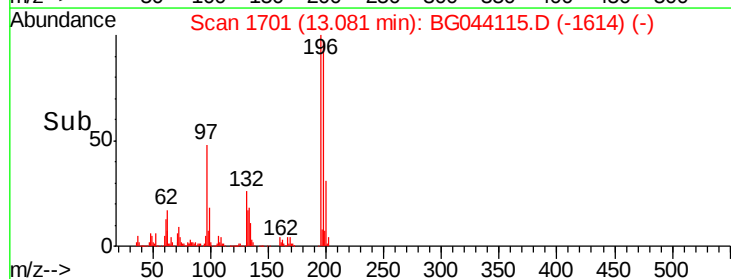
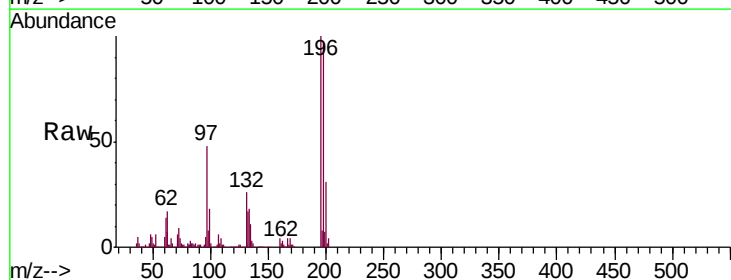
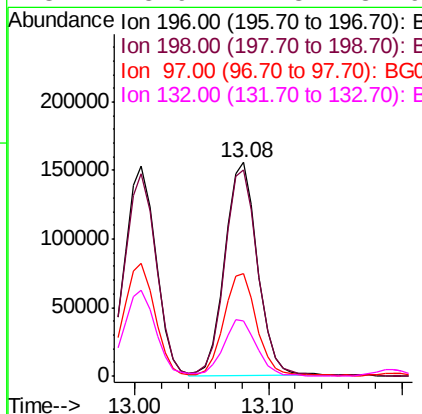
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

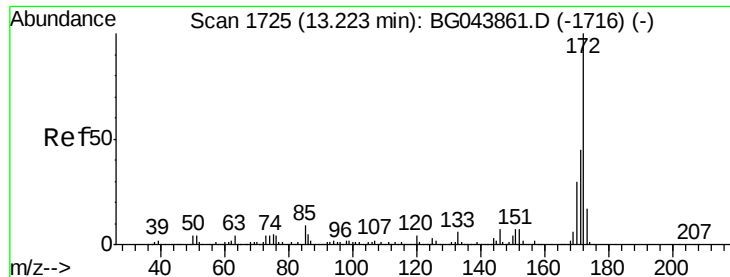
Tgt Ion:196 Resp: 246102
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 115.0
 200 31.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 50.631 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion:196 Resp: 265571
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.3 117.5
 97 47.7 38.8 58.2
 132 25.9 21.3 31.9

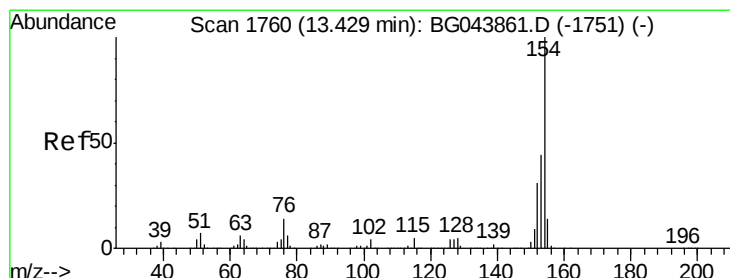
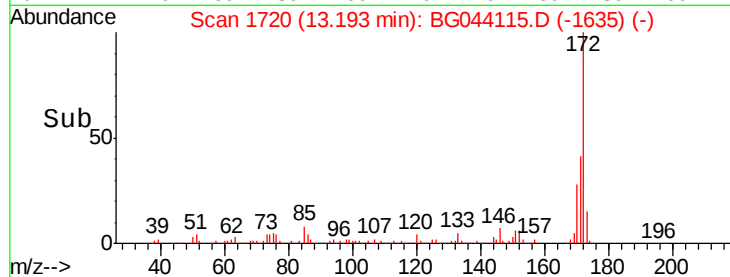
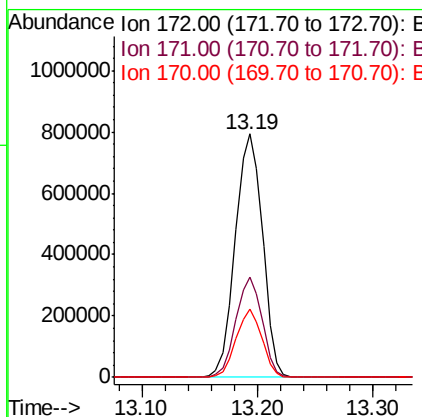
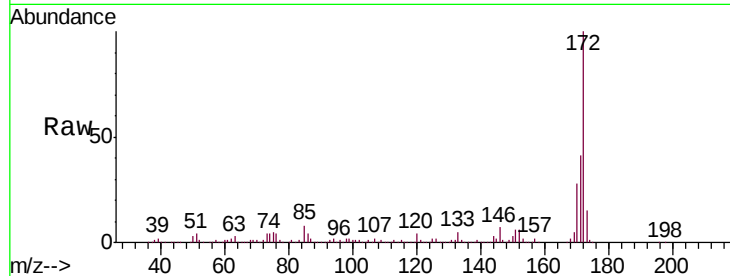




#45
 2-Fluorobiphenyl
 Concen: 92.891 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

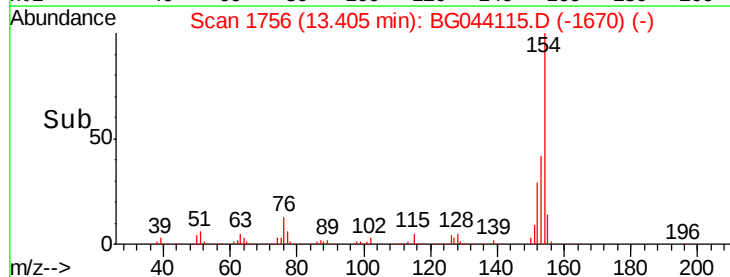
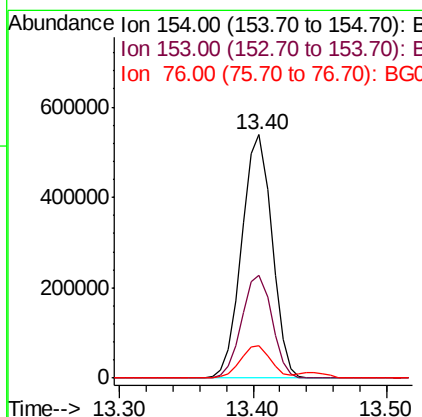
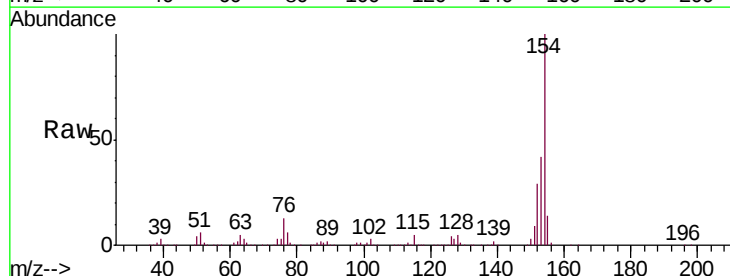
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

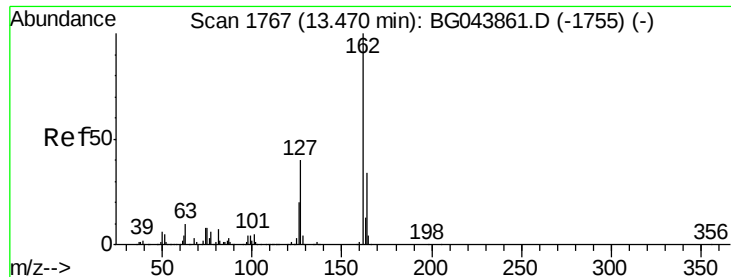
Tgt Ion:172 Resp: 1292881
 Ion Ratio Lower Upper
 172 100
 171 41.3 35.8 53.8
 170 28.1 24.2 36.4



#46
 1,1'-Biphenyl
 Concen: 46.669 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion:154 Resp: 843780
 Ion Ratio Lower Upper
 154 100
 153 42.5 23.6 63.6
 76 13.3 0.0 34.4

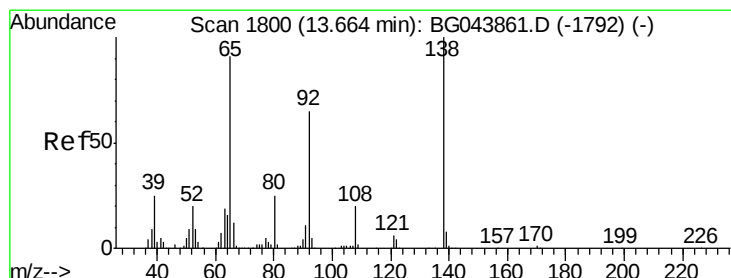
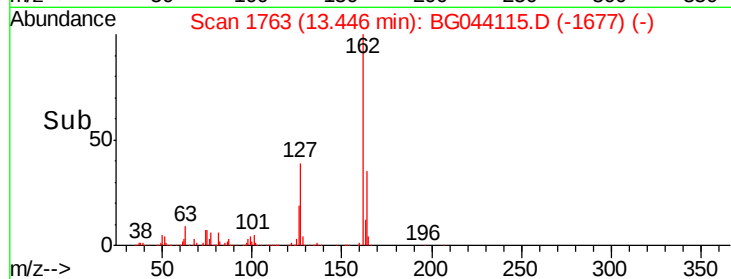
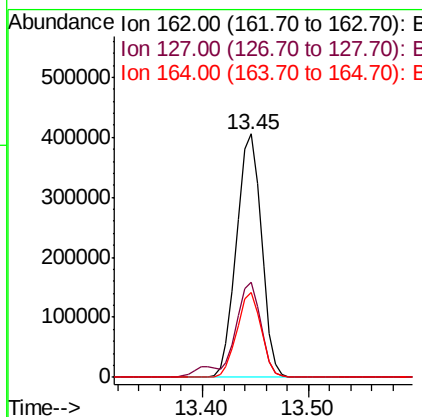
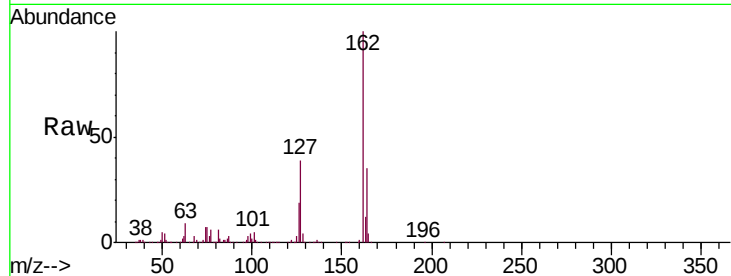




#47
 2-Chloronaphthalene
 Concen: 45.321 ng
 RT: 13.45 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

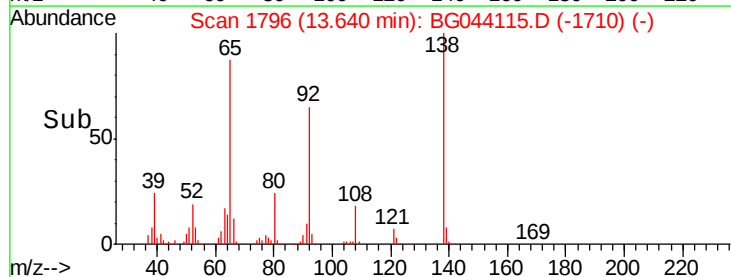
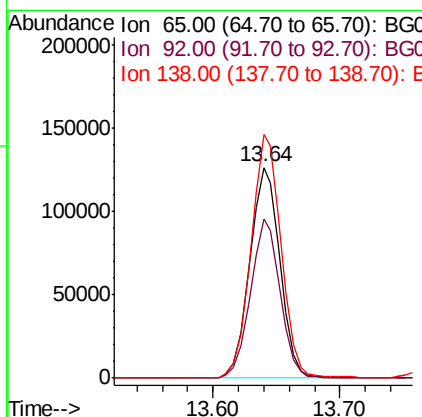
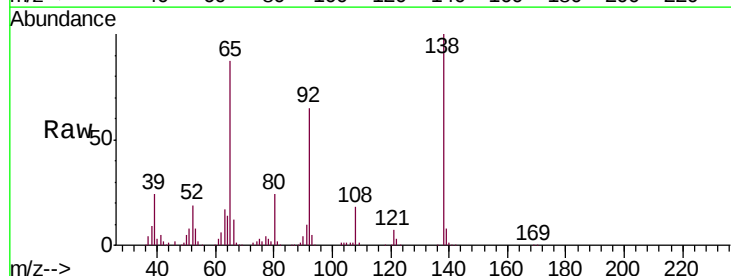
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

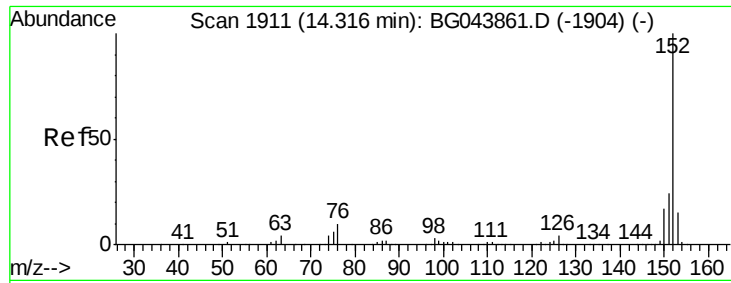
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.1	48.1
164	35.1	27.5	41.3



#48
 2-Nitroaniline
 Concen: 44.511 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	57.4	86.2
138	115.4	88.2	132.4





#49

Acenaphthylene

Concen: 50.652 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

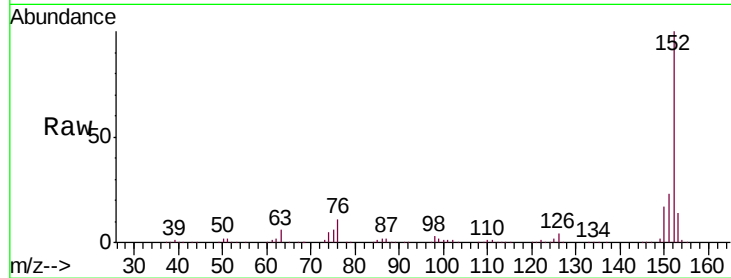
Tgt Ion:152 Resp: 1063617

Ion Ratio Lower Upper

152 100

151 22.8 19.4 29.2

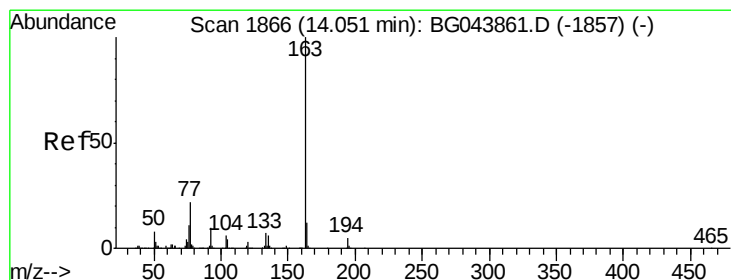
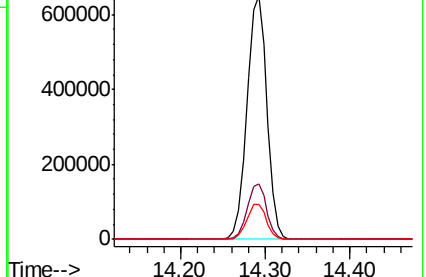
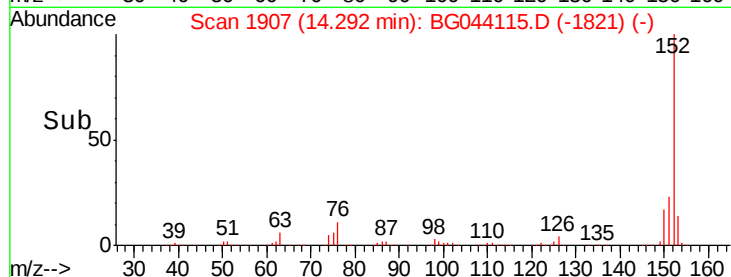
153 14.4 12.0 18.0



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: 54.045 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

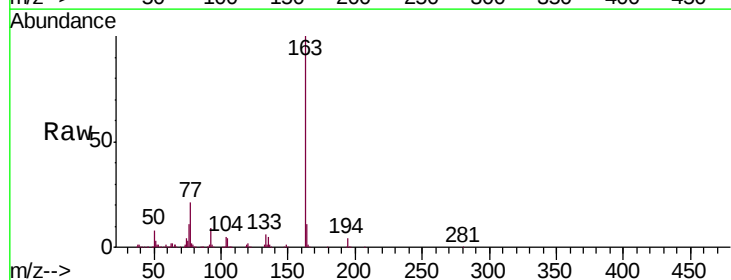
Tgt Ion:163 Resp: 967668

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

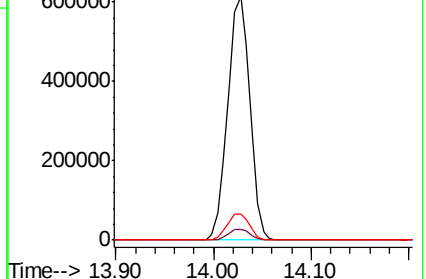
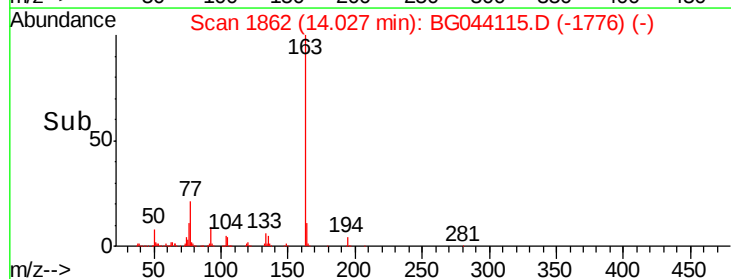
164 10.8 9.3 13.9

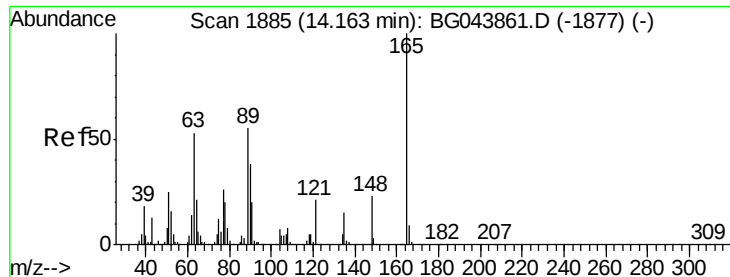


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.000 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

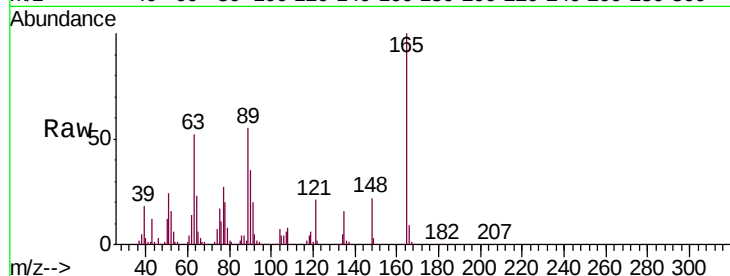
Tgt Ion:165 Resp: 198298

Ion Ratio Lower Upper

165 100

63 52.0 43.1 64.7

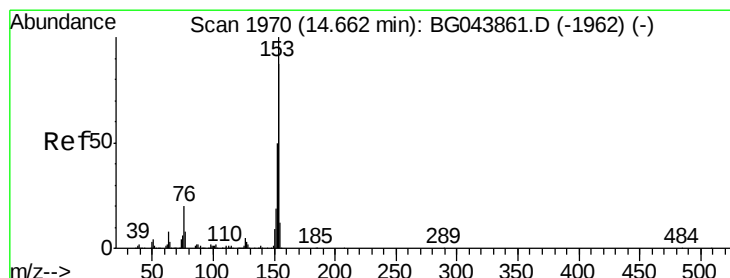
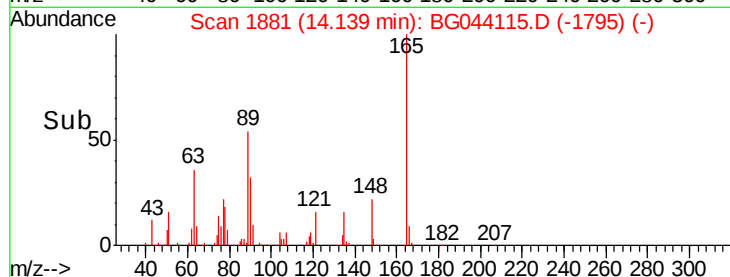
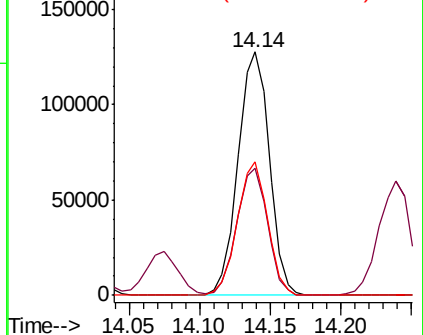
89 54.8 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 45.578 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

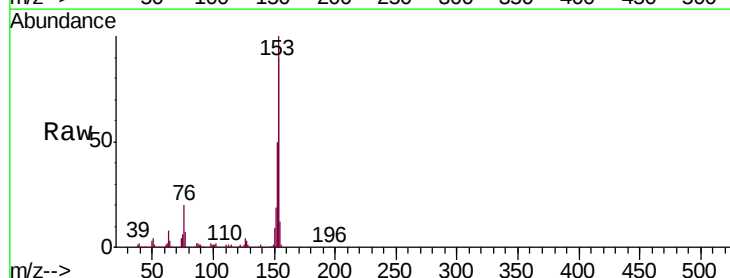
Tgt Ion:154 Resp: 671175

Ion Ratio Lower Upper

154 100

153 111.4 91.6 137.4

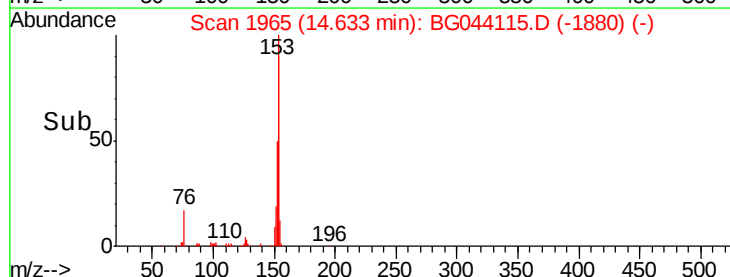
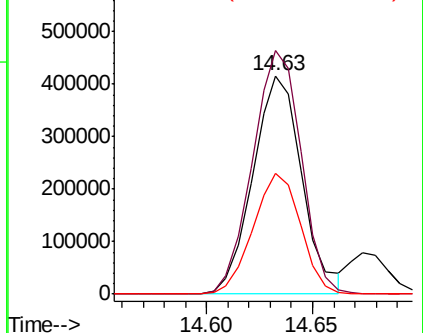
152 55.3 45.4 68.0

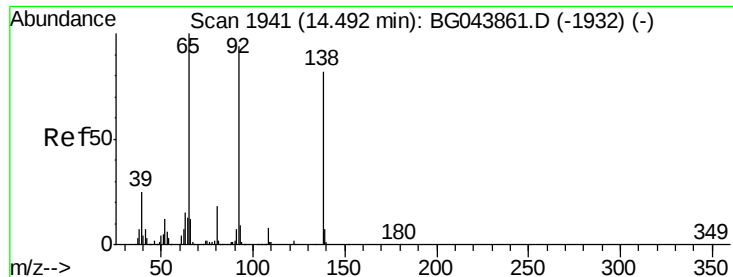


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

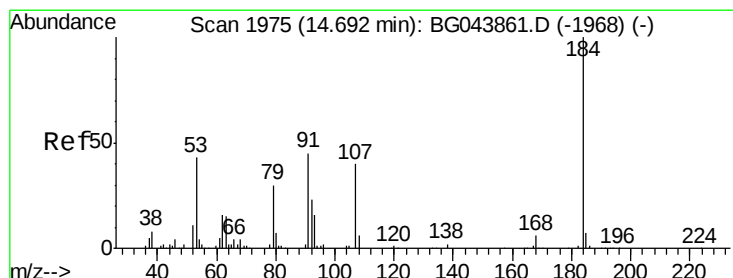
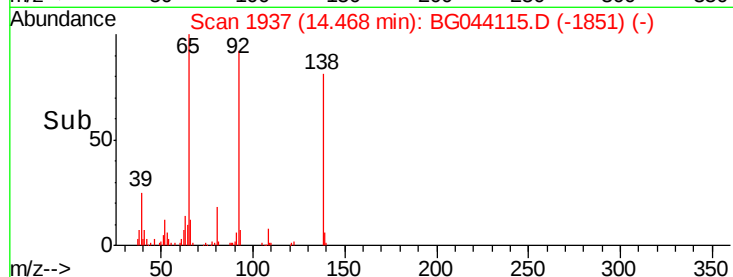
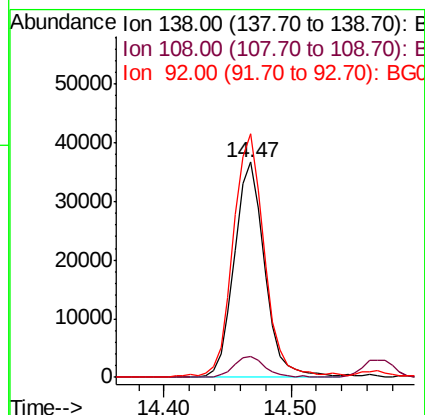
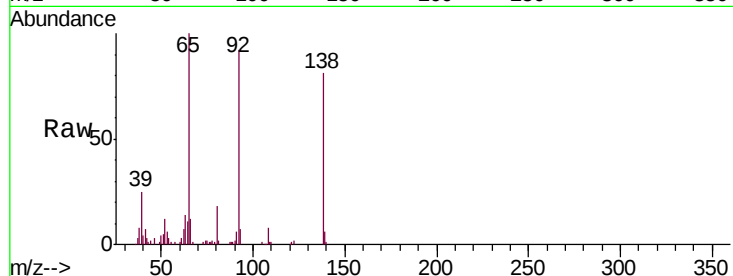




#53
3-Nitroaniline
Concen: 13.258 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

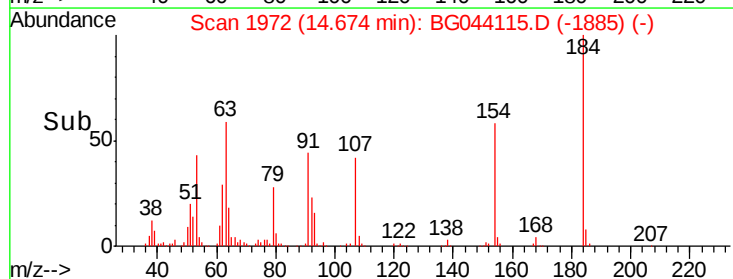
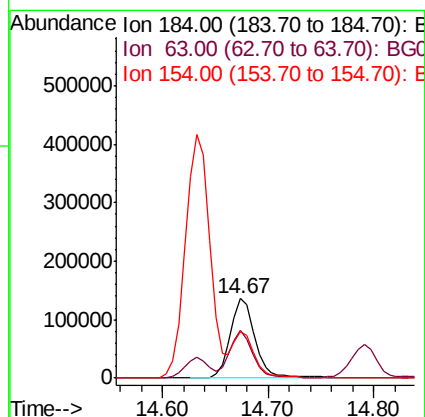
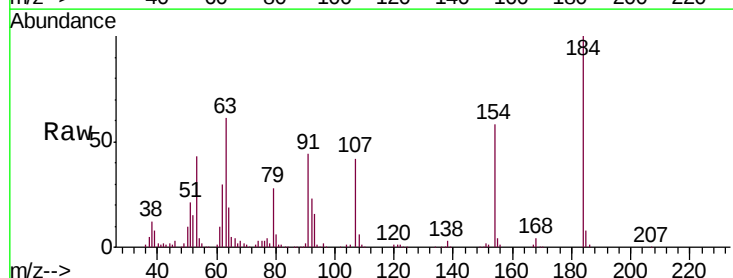
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

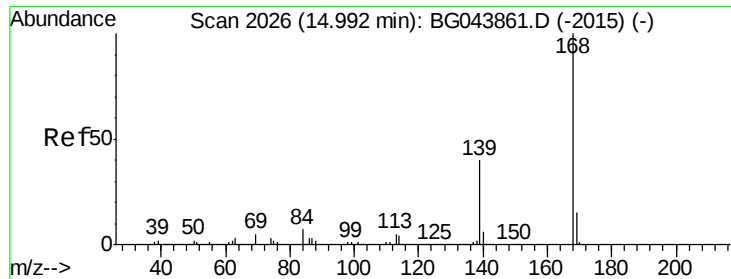
Tgt Ion:138 Resp: 60928
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 113.3 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 105.183 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:184 Resp: 220676
Ion Ratio Lower Upper
184 100
63 60.8 46.6 70.0
154 58.5 50.2 75.4

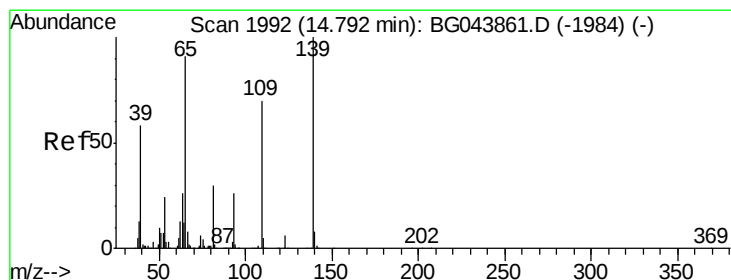
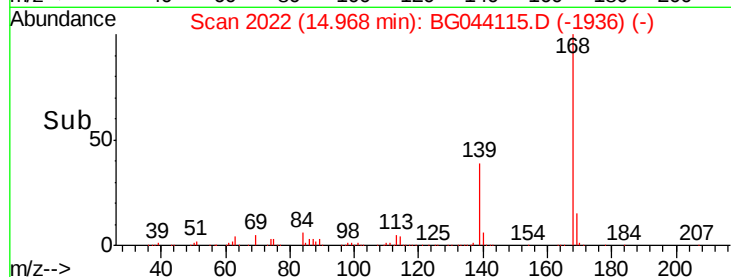
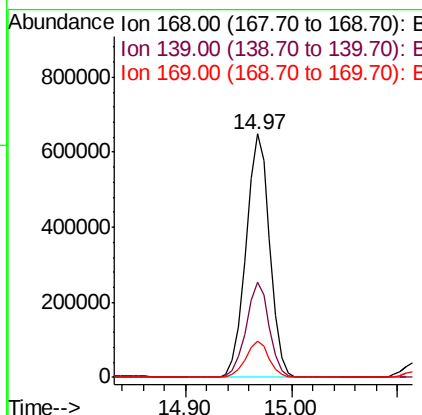
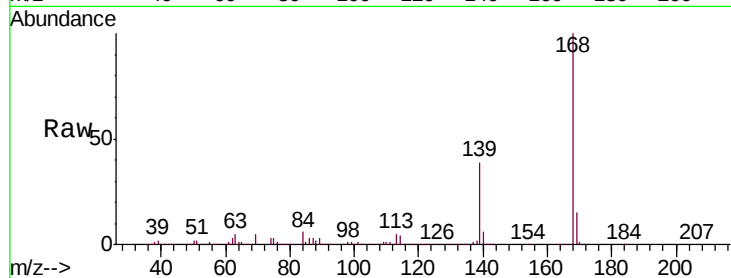




#55
Dibenzofuran
Concen: 49.644 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

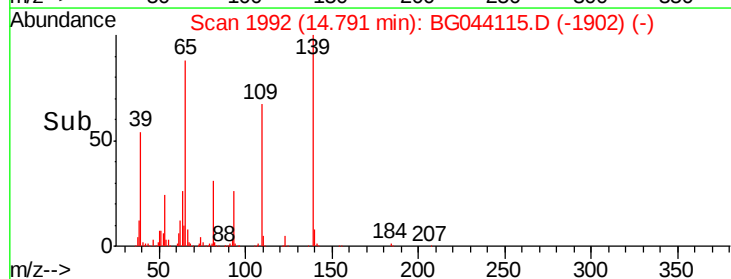
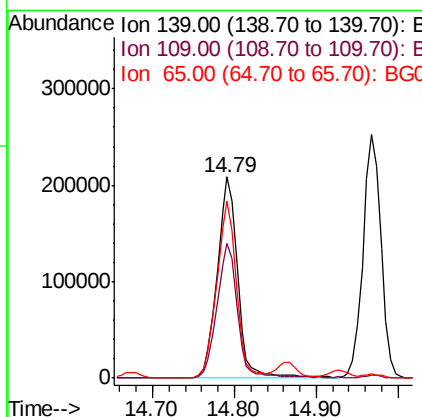
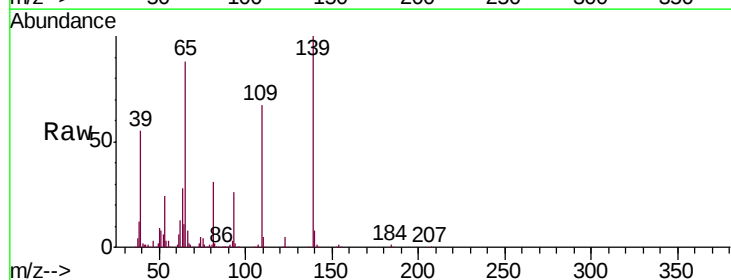
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

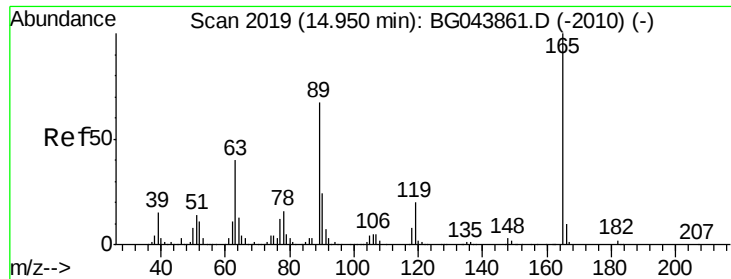
Tgt Ion:168 Resp: 1006381
Ion Ratio Lower Upper
168 100
139 38.9 32.2 48.2
169 14.9 12.2 18.2



#56
4-Nitrophenol
Concen: 103.546 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:139 Resp: 364652
Ion Ratio Lower Upper
139 100
109 67.1 50.4 90.4
65 87.7 71.4 111.4

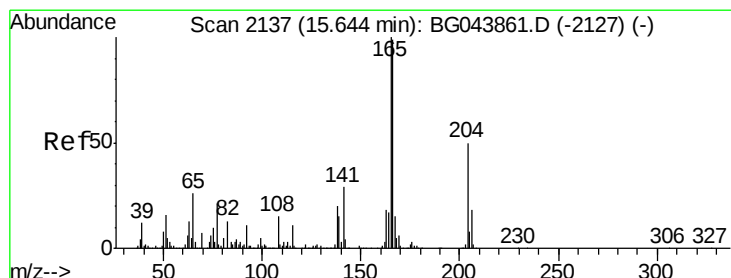
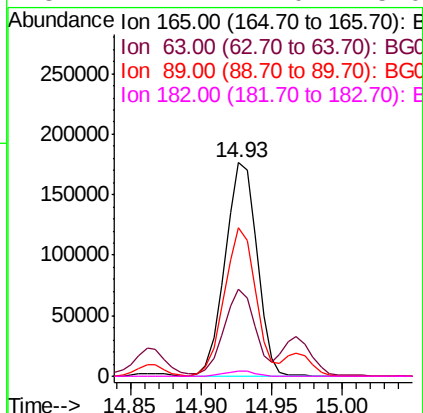
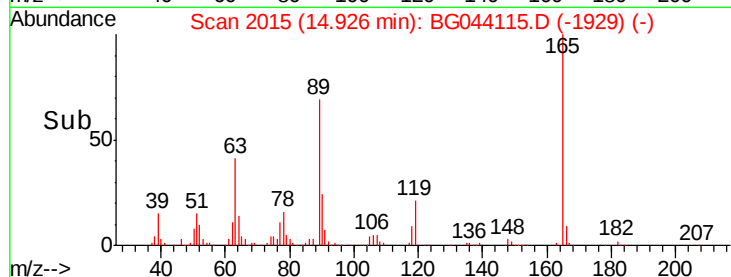
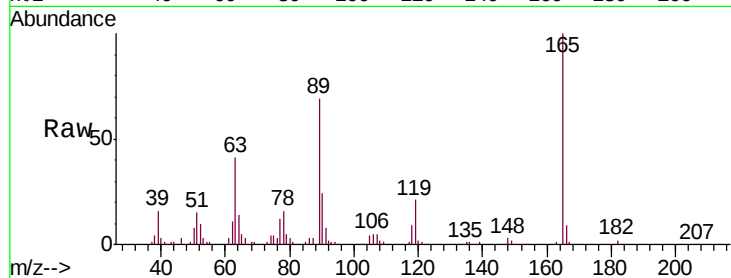




#57
2,4-Dinitrotoluene
Concen: 50.427 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

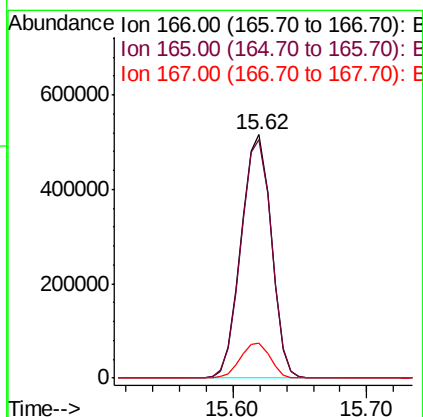
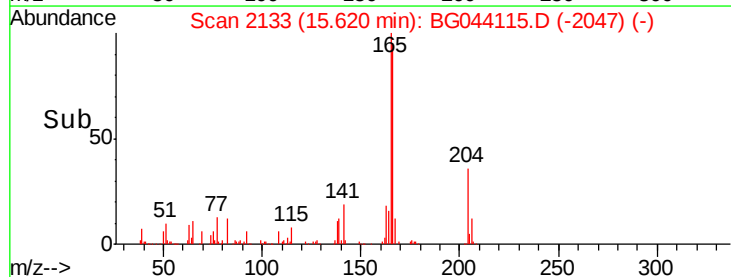
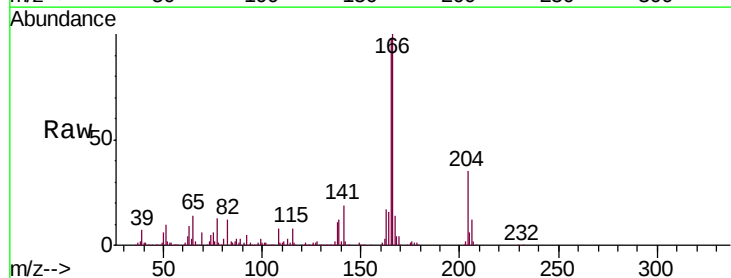
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

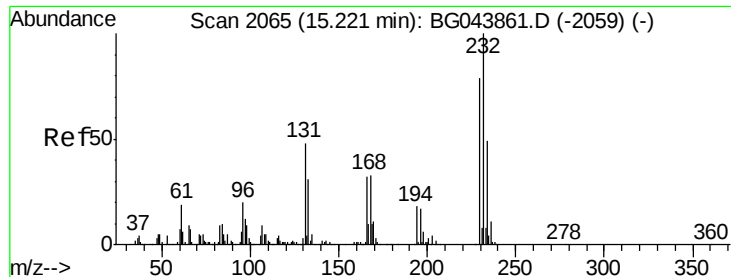
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.9	31.9	47.9
89	69.4	53.8	80.6
182	2.4	2.0	3.0



#58
Fluorene
Concen: 50.050 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.8	121.2
167	14.3	12.1	18.1

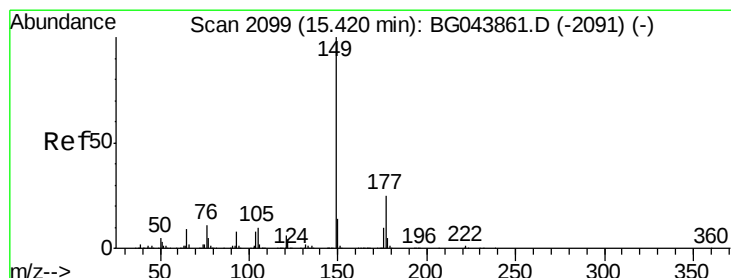
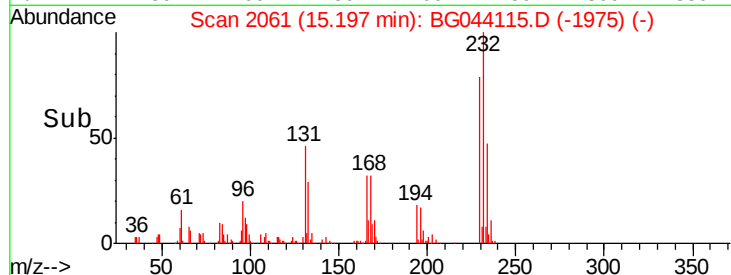
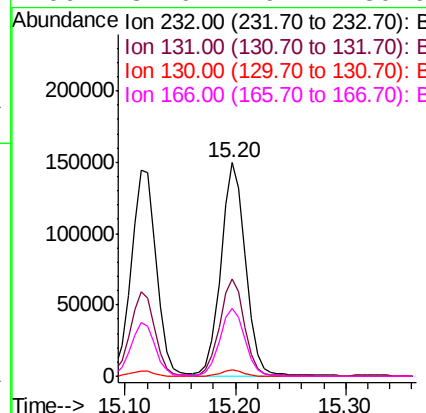
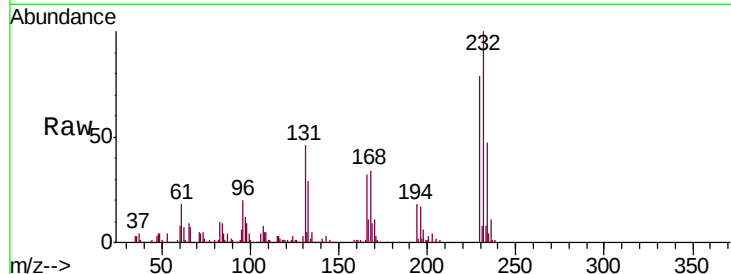




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.222 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

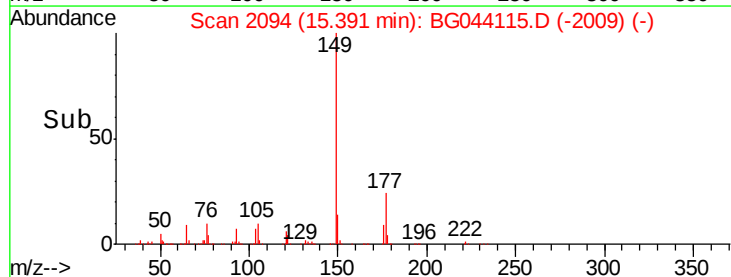
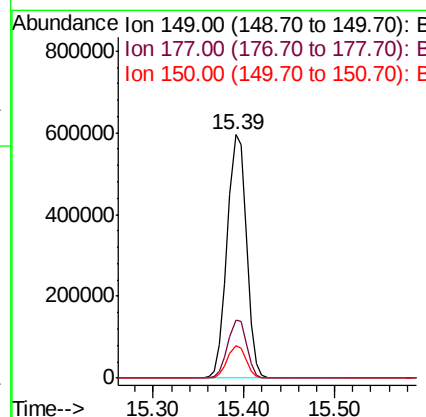
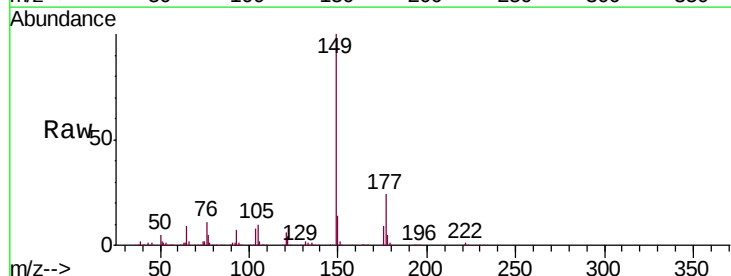
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

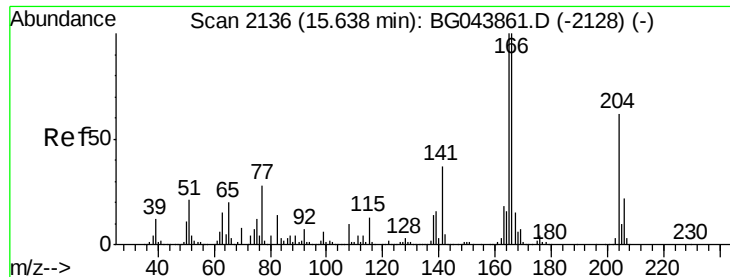
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.3	38.2	57.2
130	2.7	2.2	3.2
166	32.9	26.4	39.6



#60
 Diethylphthalate
 Concen: 48.857 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	20.0	30.0
150	13.5	11.1	16.7

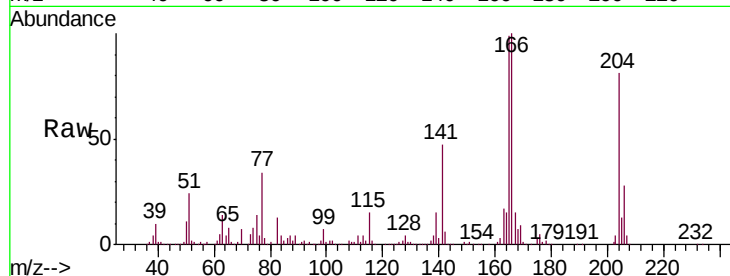




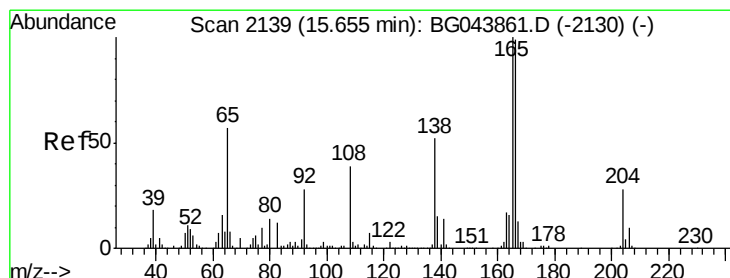
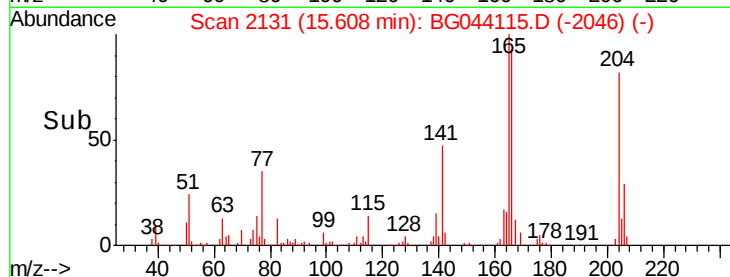
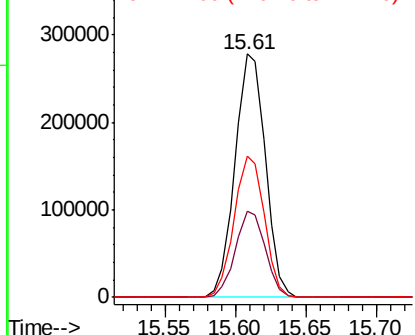
#61
4-Chlorophenyl-phenylether
Concen: 47.935 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tgt Ion:204 Resp: 418219
Ion Ratio Lower Upper
204 100
206 35.1 28.2 42.2
141 57.9 48.2 72.2

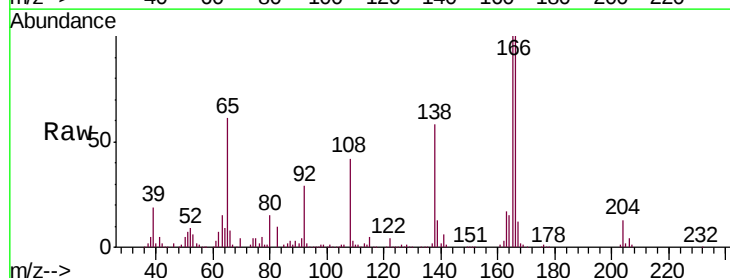


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

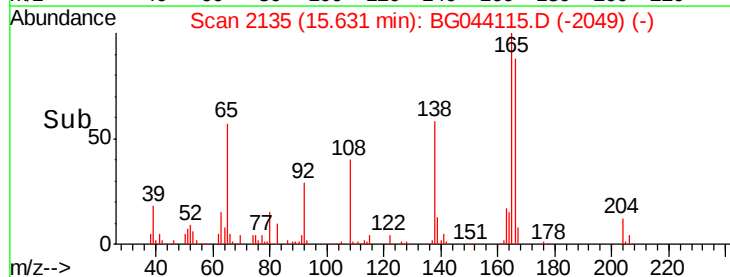
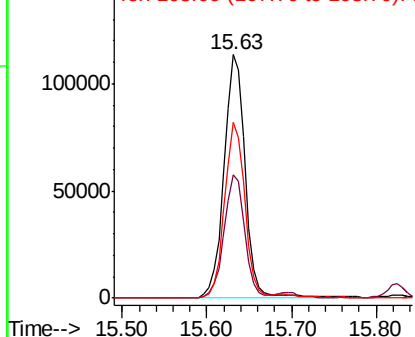


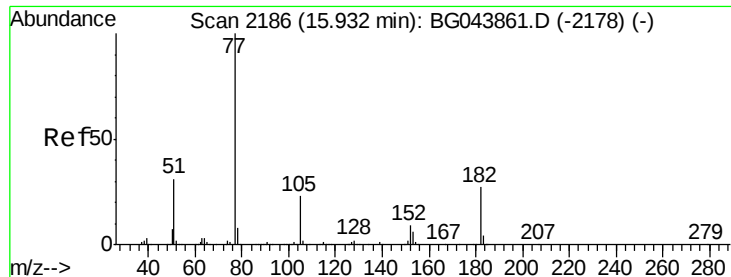
#62
4-Nitroaniline
Concen: 43.105 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:138 Resp: 195623
Ion Ratio Lower Upper
138 100
92 50.8 34.3 74.3
108 72.2 55.0 95.0



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

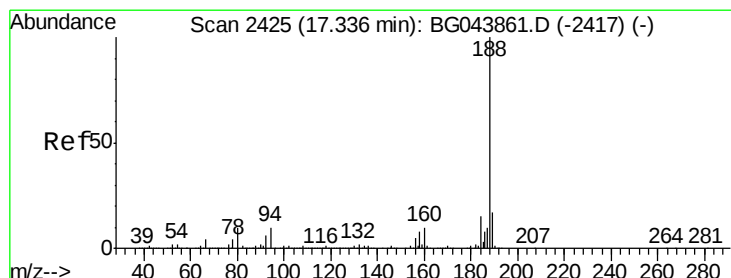
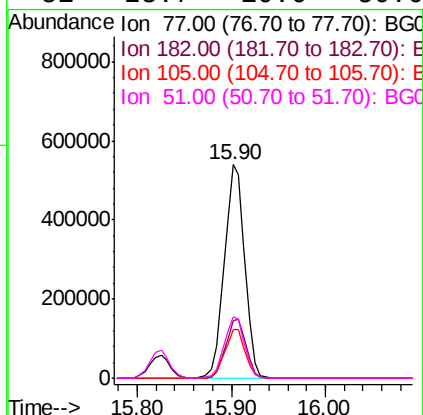
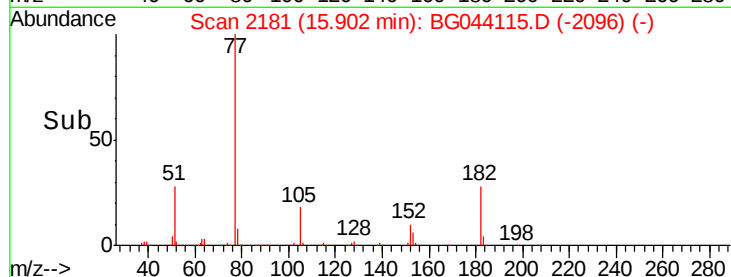
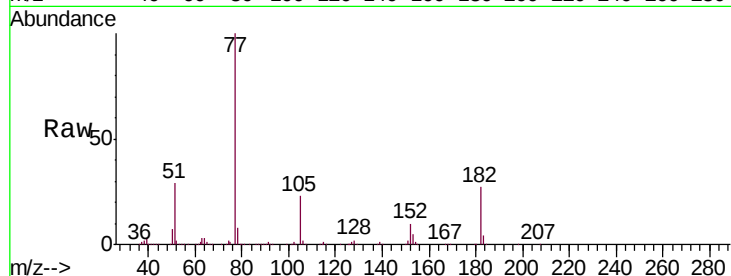




#63
Azobenzene
Concen: 49.202 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

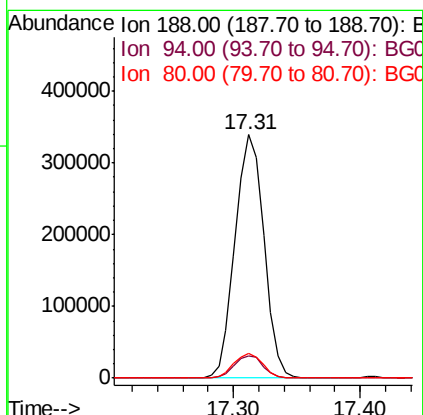
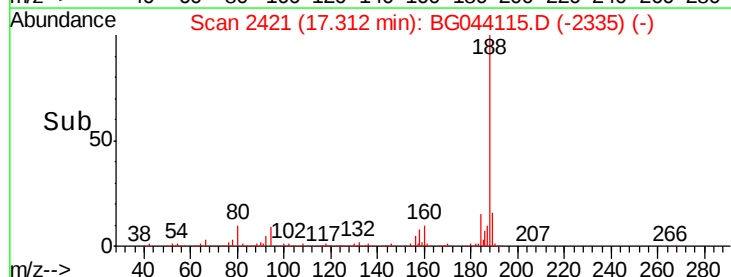
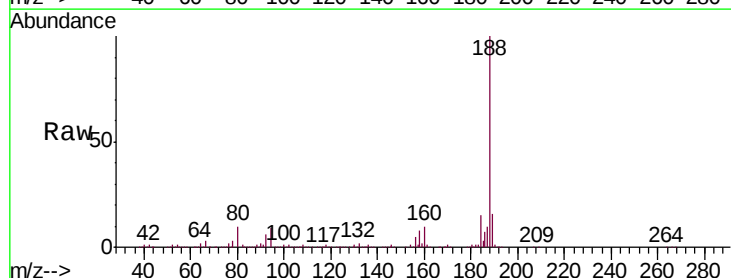
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

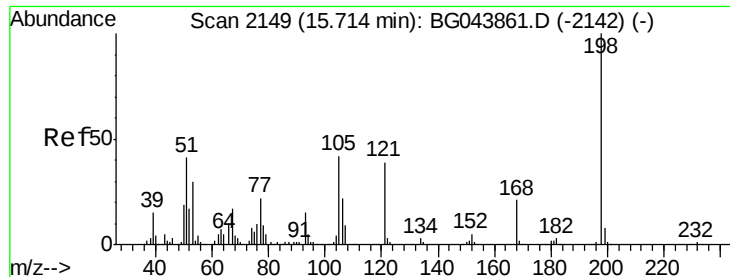
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	7.3	47.3
105	22.7	3.2	43.2
51	28.7	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	10.0	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 58.071 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

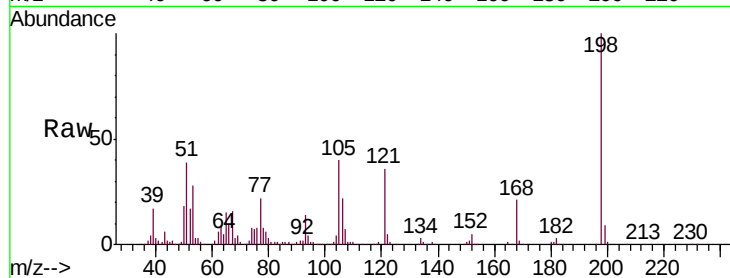
Tgt Ion:198 Resp: 163023

Ion Ratio Lower Upper

198 100

51 39.5 22.5 62.5

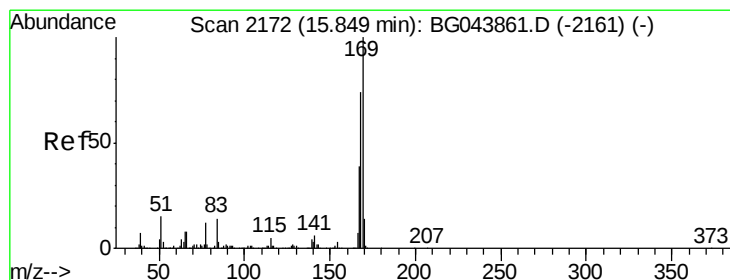
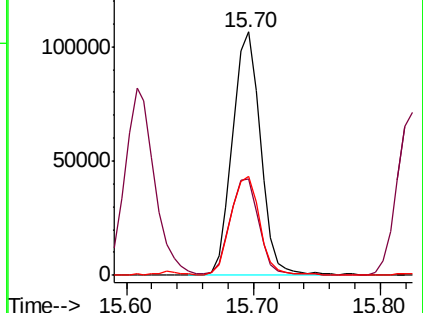
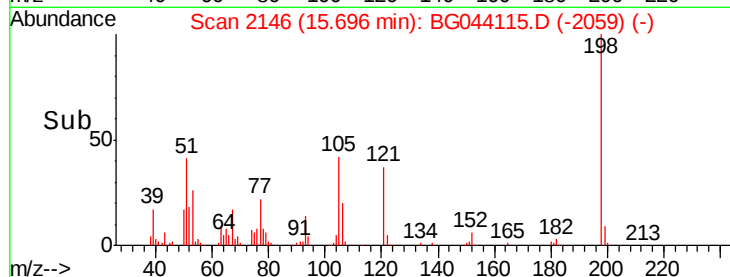
105 40.4 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044115.D (-2059) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.934 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

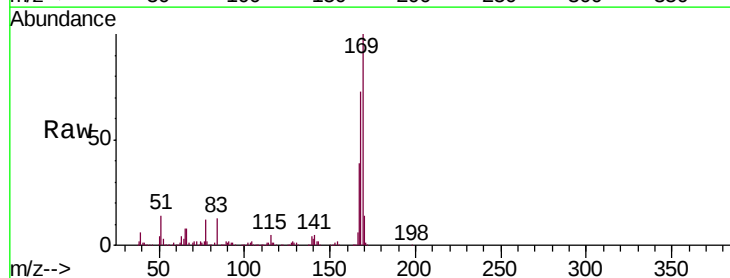
Tgt Ion:169 Resp: 755939

Ion Ratio Lower Upper

169 100

168 73.2 59.0 88.6

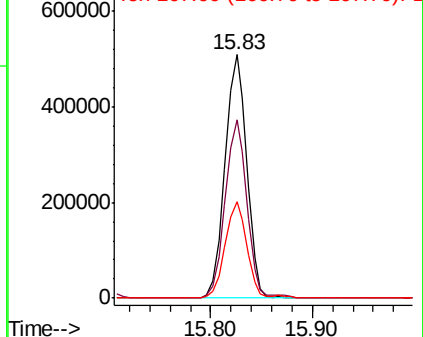
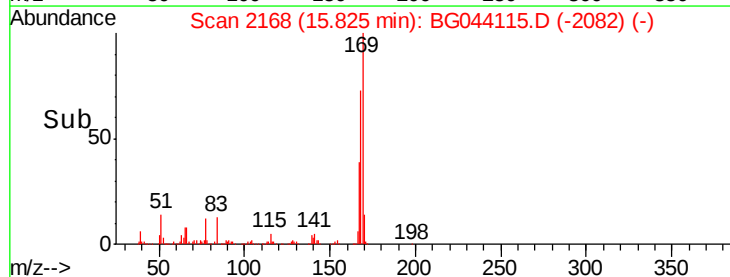
167 39.4 31.4 47.0

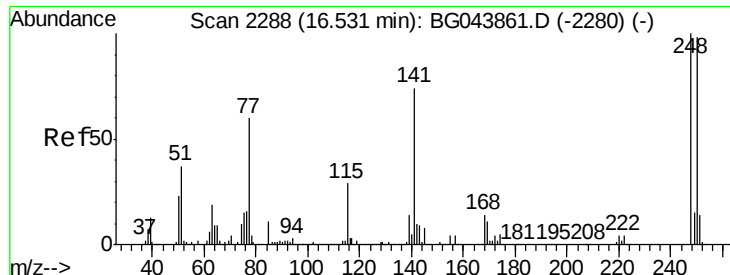


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

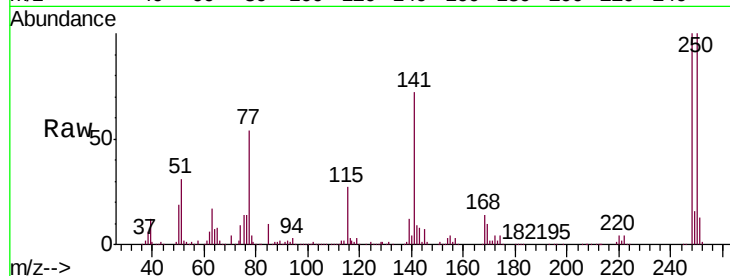




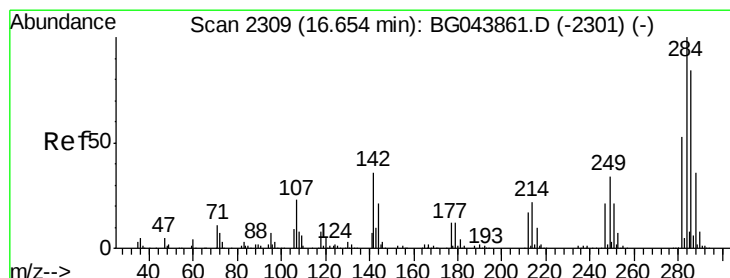
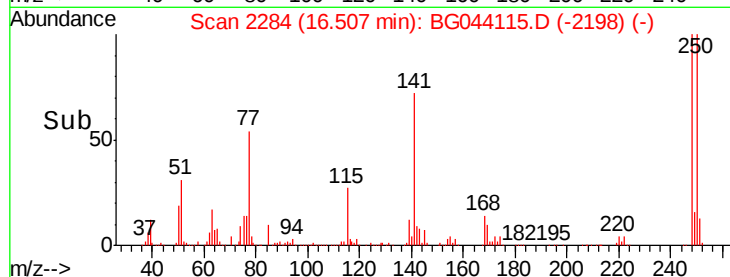
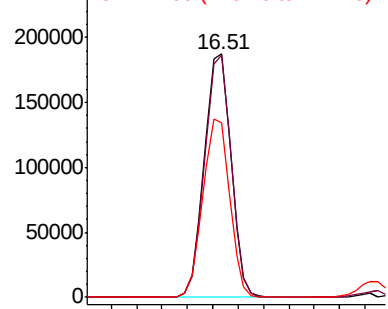
#67
4-Bromophenyl-phenylether
Concen: 45.349 ng
RT: 16.51 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampled :
EP-3MSD

Tgt Ion:248 Resp: 273136
Ion Ratio Lower Upper
248 100
250 99.7 78.2 117.2
141 71.7 59.3 88.9

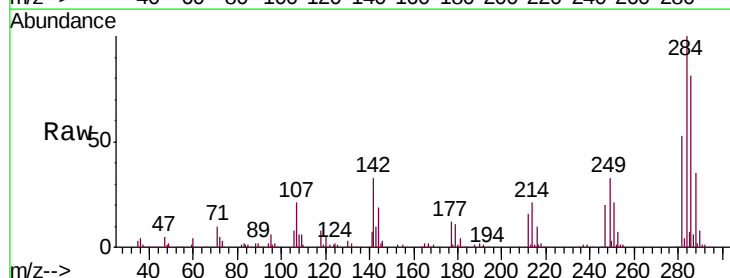


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

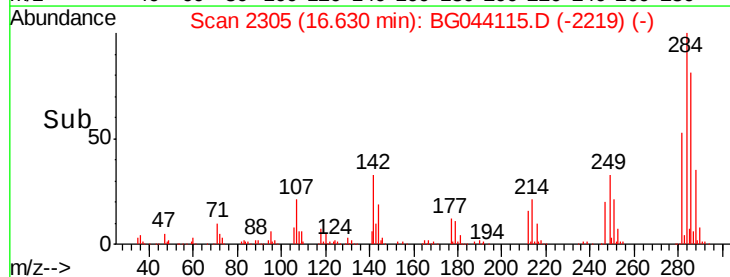
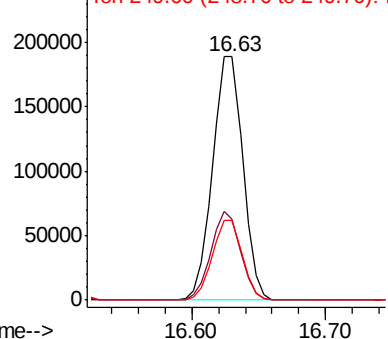


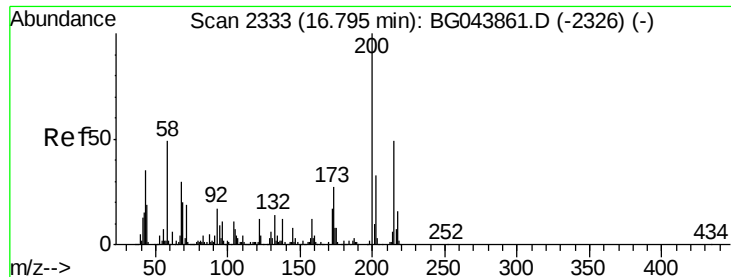
#68
Hexachlorobenzene
Concen: 45.502 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:284 Resp: 295303
Ion Ratio Lower Upper
284 100
142 33.2 28.6 43.0
249 32.7 27.0 40.6



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: 54.629 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

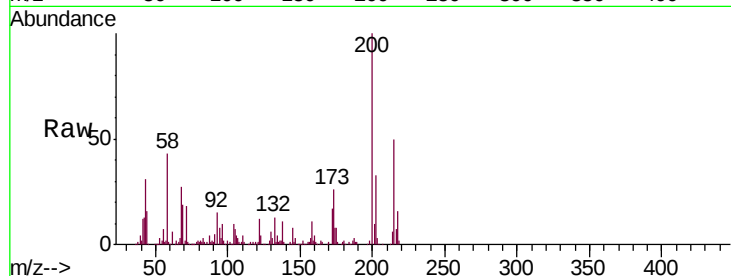
Tgt Ion:200 Resp: 280039

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

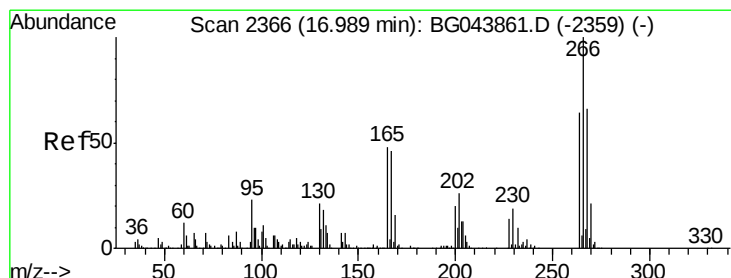
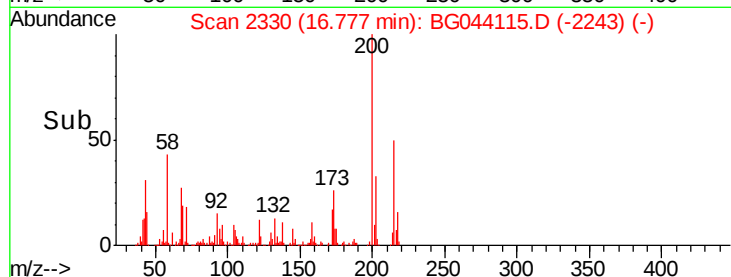
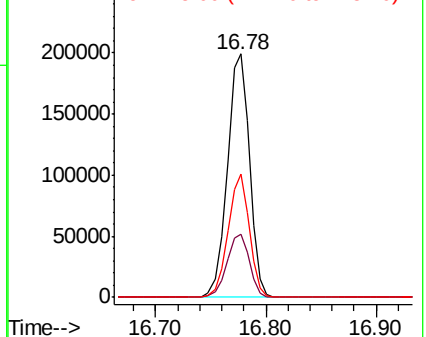
215 50.5 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.038 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

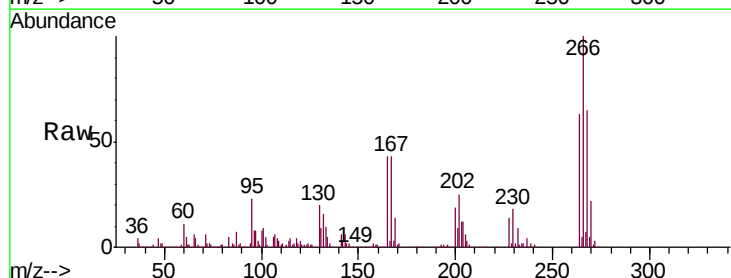
Tgt Ion:266 Resp: 322118

Ion Ratio Lower Upper

266 100

268 64.5 52.6 79.0

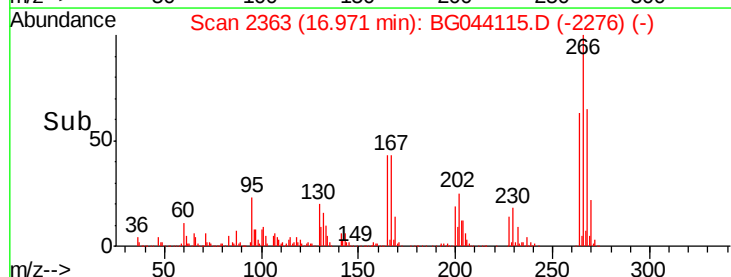
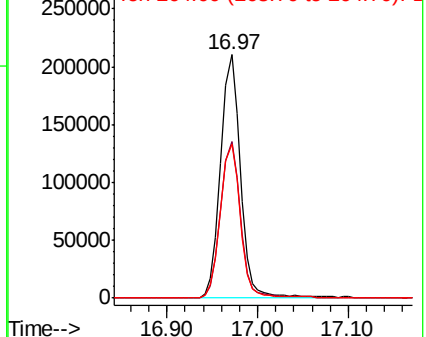
264 63.2 50.8 76.2

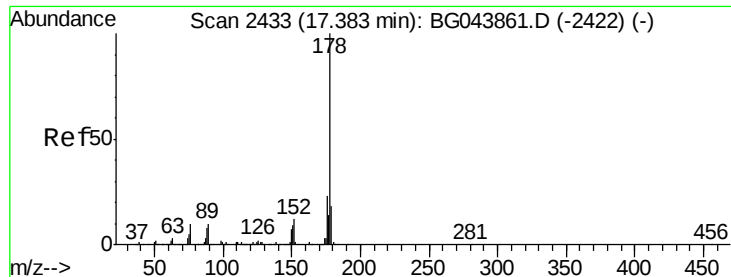


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

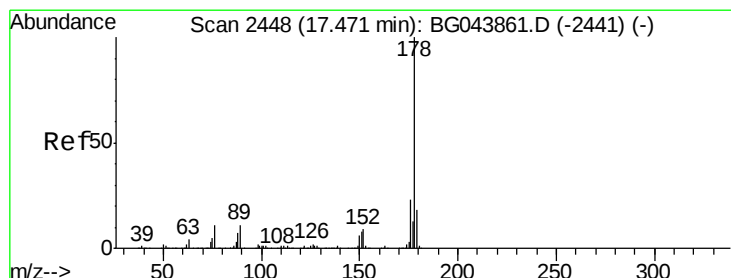
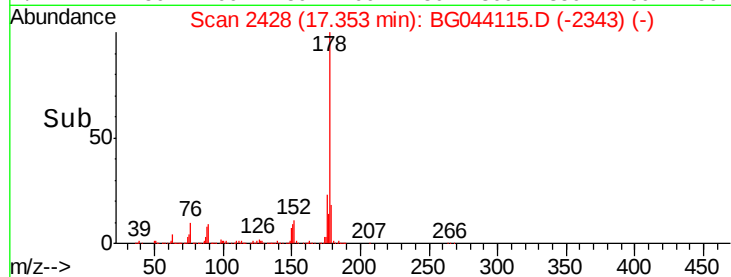
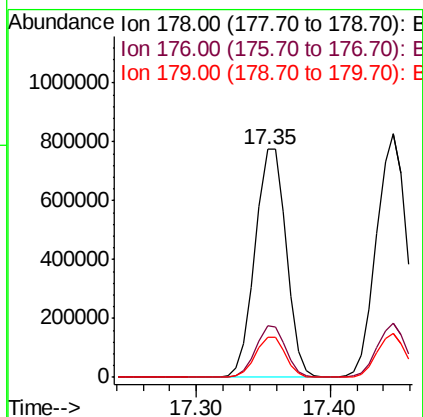
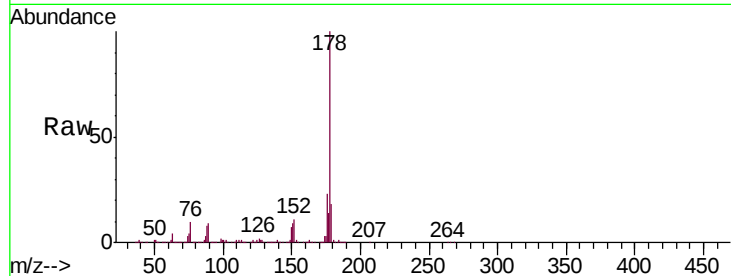




#71
Phenanthrene
Concen: 48.672 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

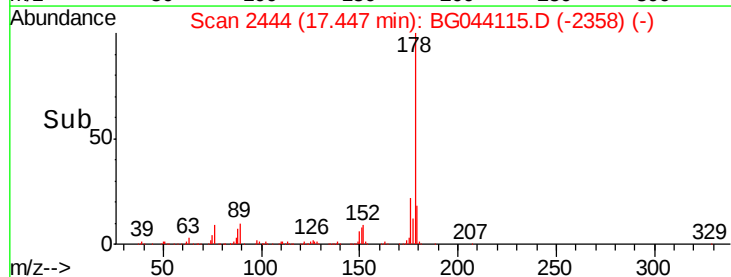
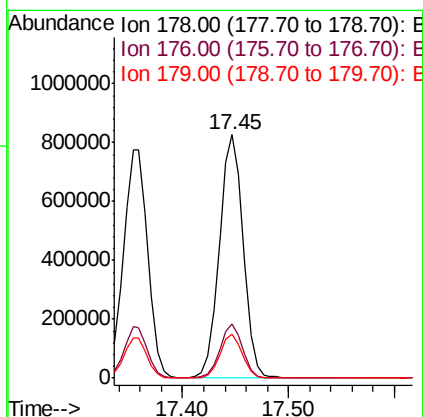
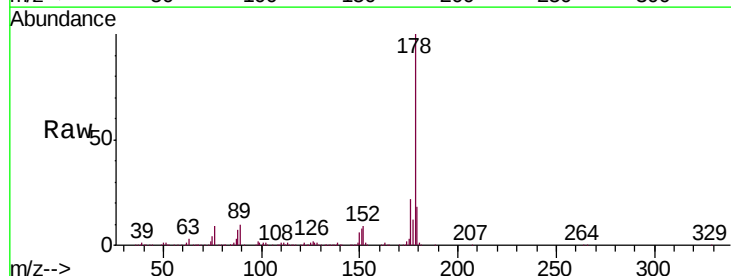
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

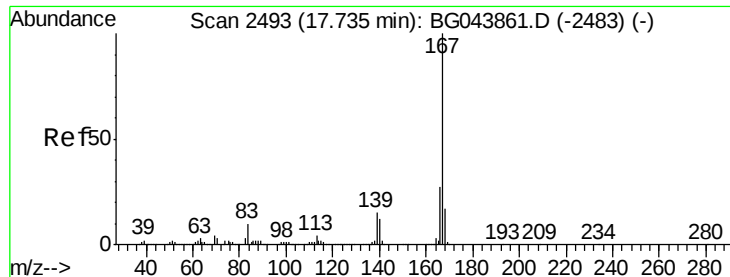
Tgt Ion:178 Resp: 1250202
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.7 14.4 21.6



#72
Anthracene
Concen: 50.910 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:178 Resp: 1292361
Ion Ratio Lower Upper
178 100
176 22.2 18.3 27.5
179 17.9 14.6 22.0





#73

Carbazole

Concen: 48.998 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

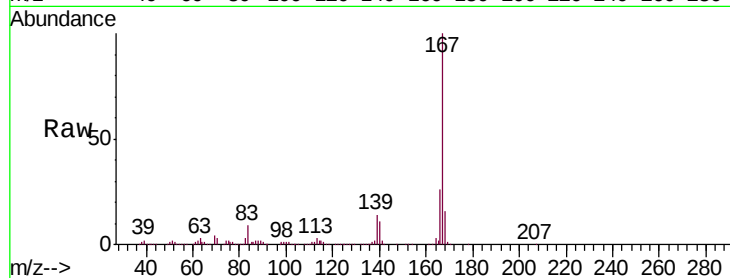
Tgt Ion:167 Resp: 1148940

Ion Ratio Lower Upper

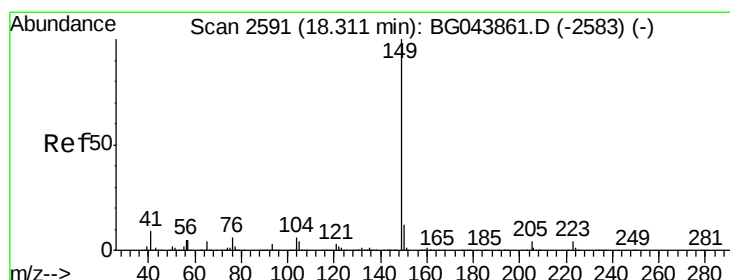
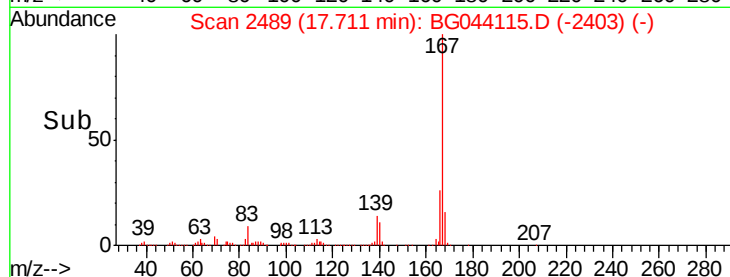
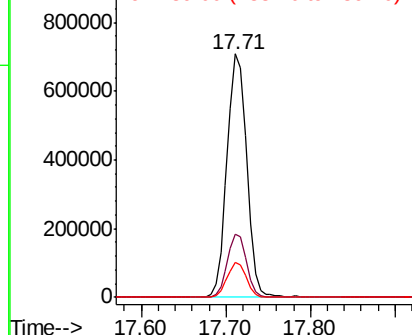
167 100

166 25.7 21.6 32.4

139 14.2 12.1 18.1



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



#74

Di-n-butylphthalate

Concen: 47.203 ng

RT: 18.28 min Scan# 2586

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

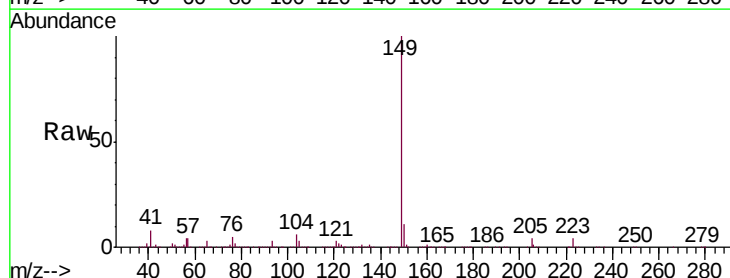
Tgt Ion:149 Resp: 1413174

Ion Ratio Lower Upper

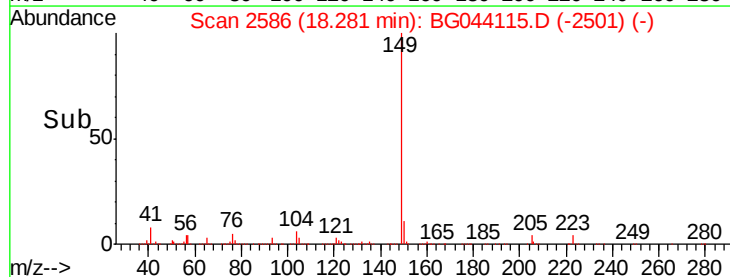
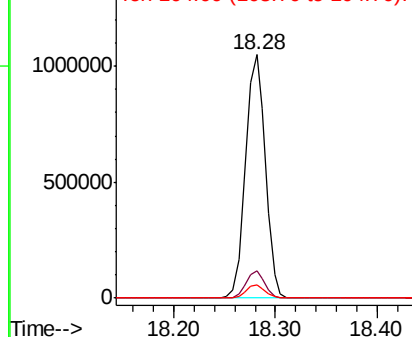
149 100

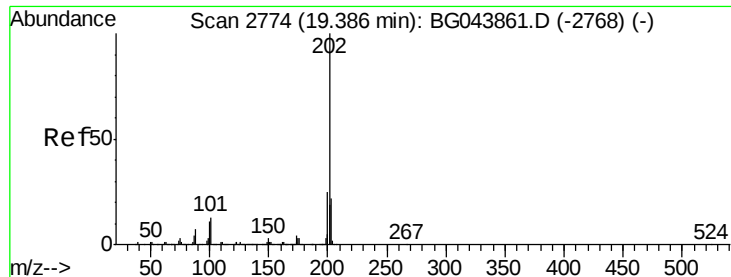
150 11.0 9.7 14.5

104 5.6 5.0 7.4



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





#75

Fluoranthene

Concen: 48.296 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

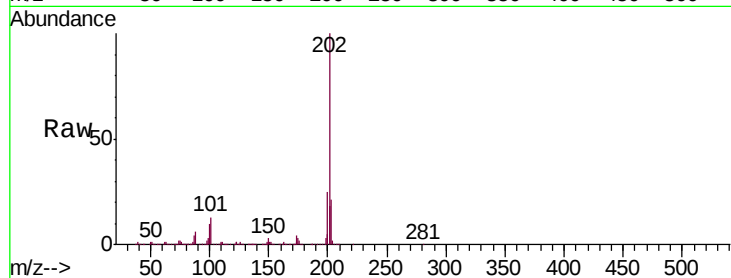
Tgt Ion:202 Resp: 1418740

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.3

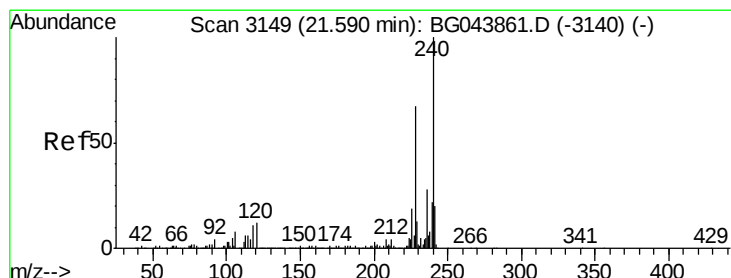
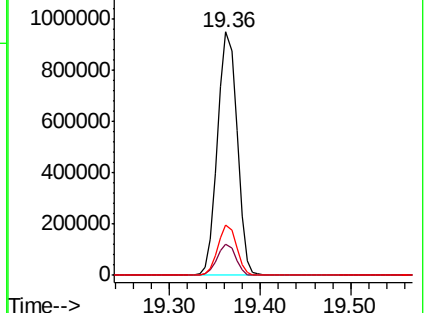
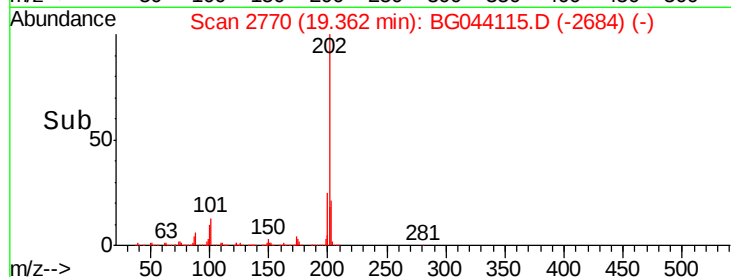
203 20.6 1.6 41.6



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

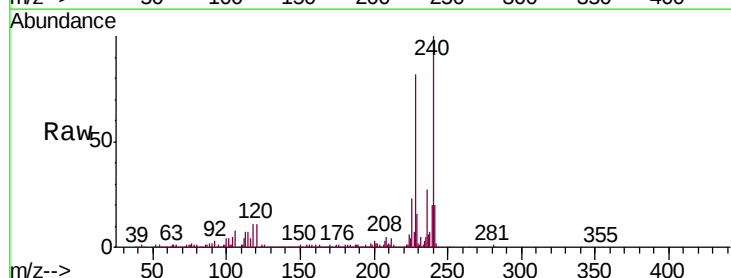
Tgt Ion:240 Resp: 444357

Ion Ratio Lower Upper

240 100

120 10.8 9.6 14.4

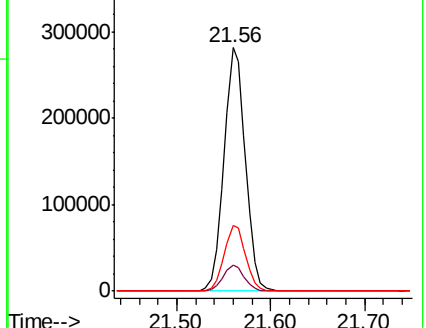
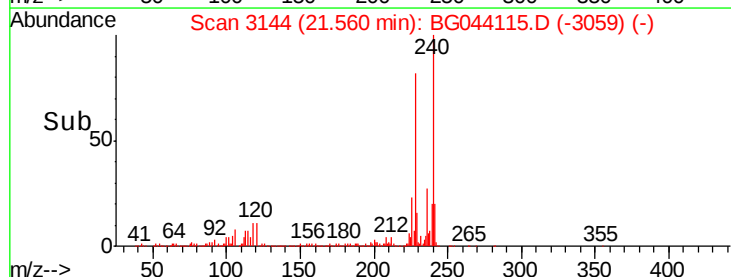
236 26.9 22.2 33.2

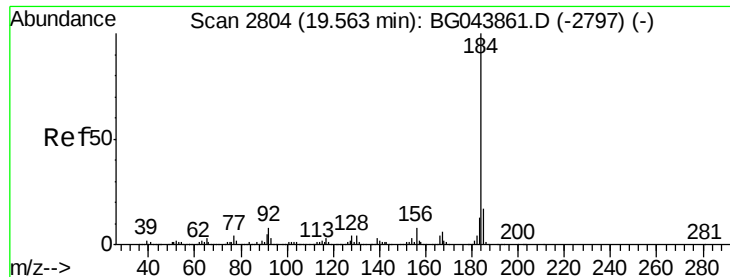


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

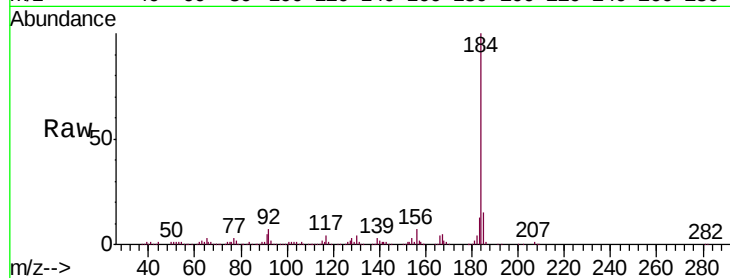




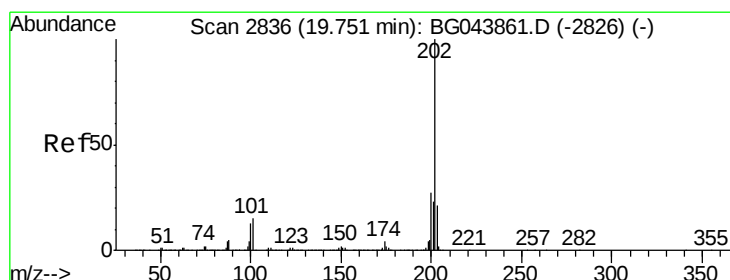
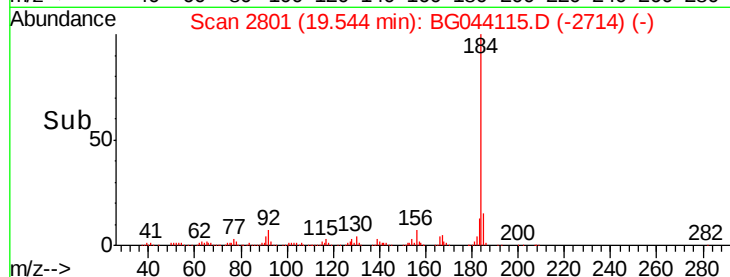
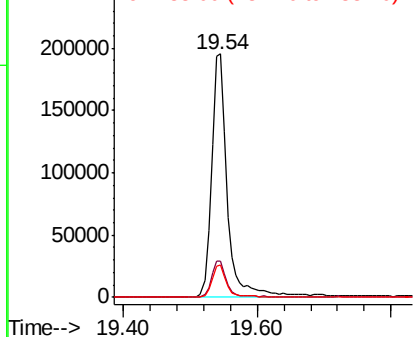
#77
Benzidine
Concen: 29.366 ng
RT: 19.54 min Scan# 2801
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tgt Ion:184 Resp: 328000
Ion Ratio Lower Upper
184 100
185 15.0 13.4 20.0
183 13.3 10.6 15.8

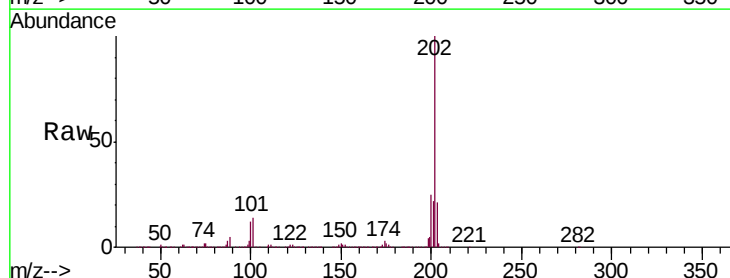


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

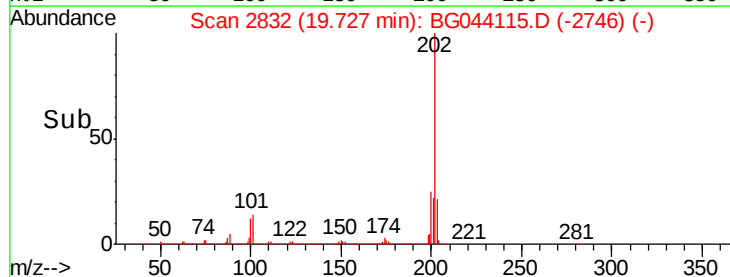
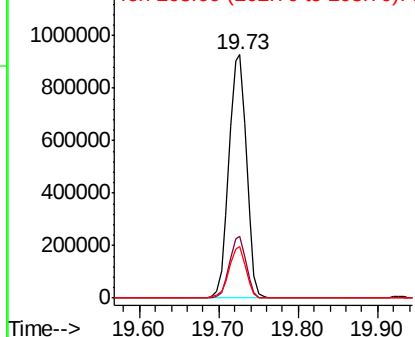


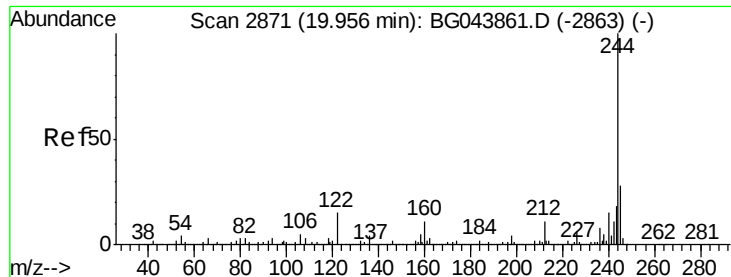
#78
Pyrene
Concen: 49.212 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:202 Resp: 1427405
Ion Ratio Lower Upper
202 100
200 25.3 21.7 32.5
203 21.0 17.0 25.6



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: 109.163 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

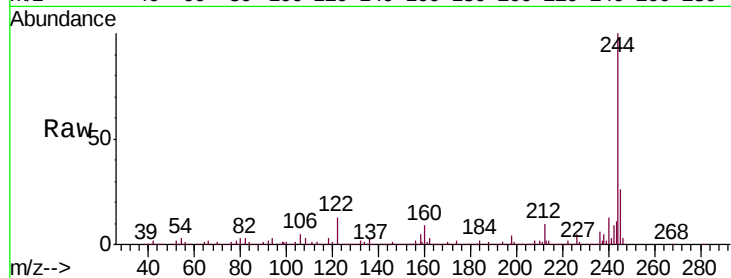
Tgt Ion:244 Resp: 1873166

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

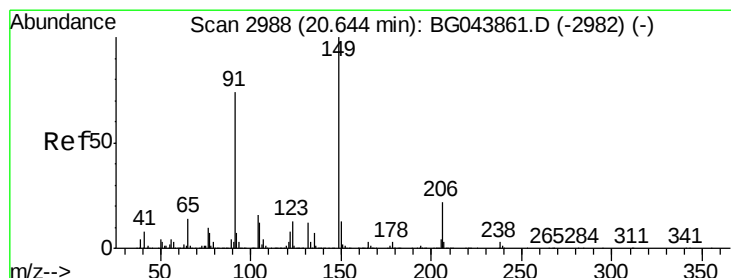
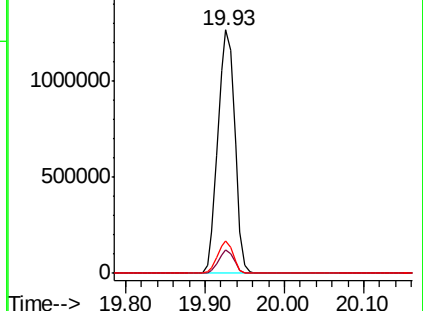
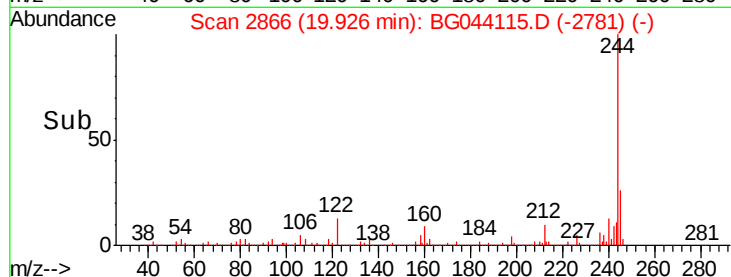
122 13.2 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.542 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

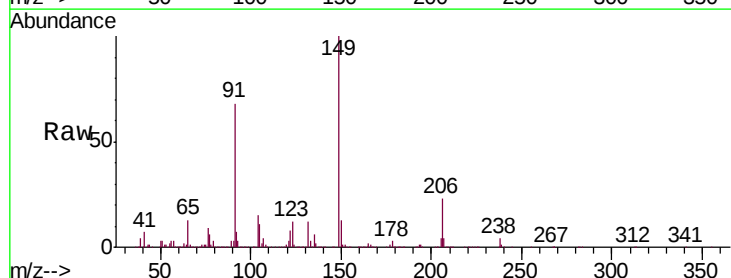
Tgt Ion:149 Resp: 670324

Ion Ratio Lower Upper

149 100

91 68.4 59.5 89.3

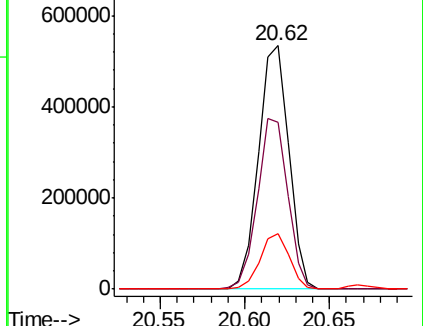
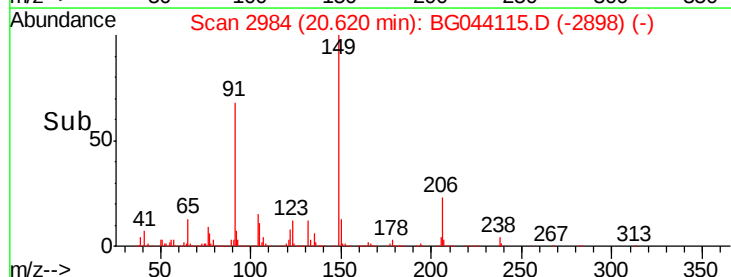
206 22.9 17.8 26.6

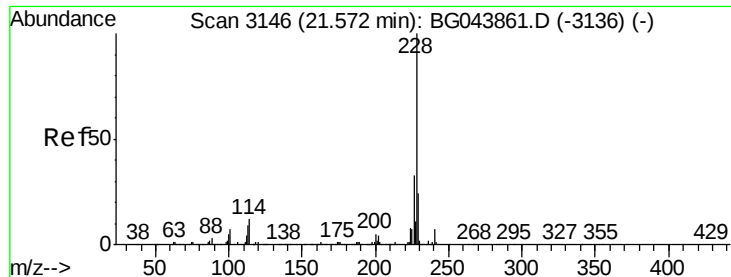


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

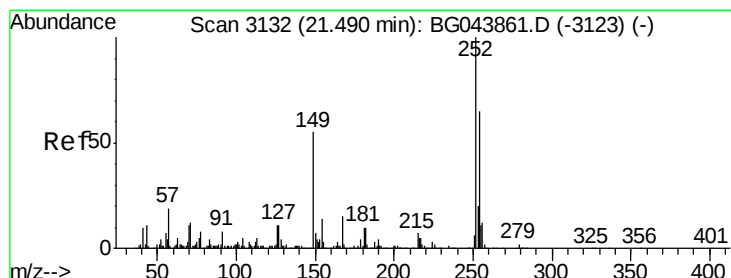
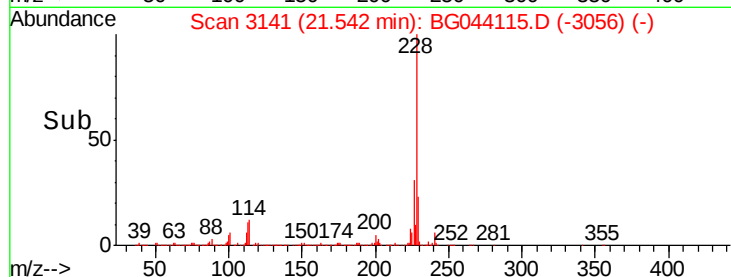
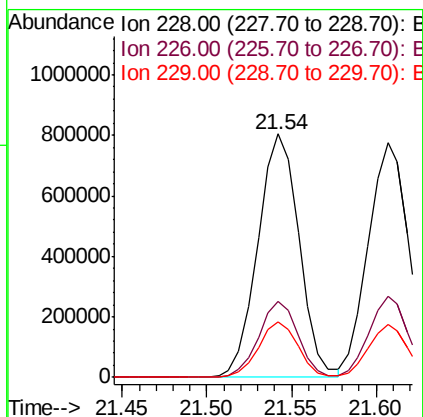
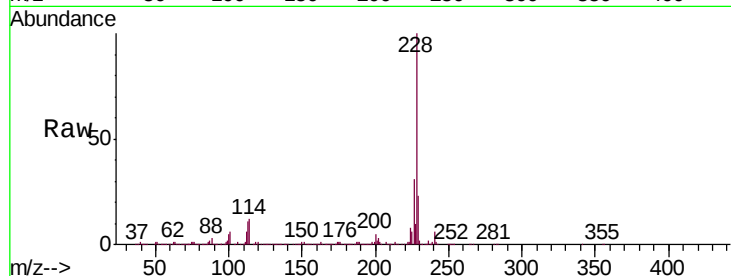




#81
Benzo(a)anthracene
Concen: 49.565 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

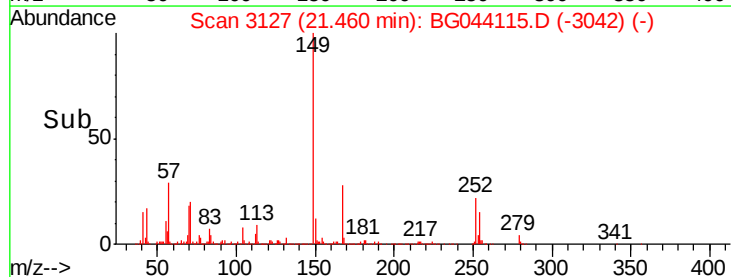
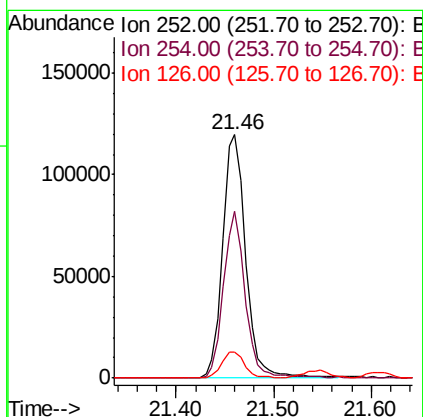
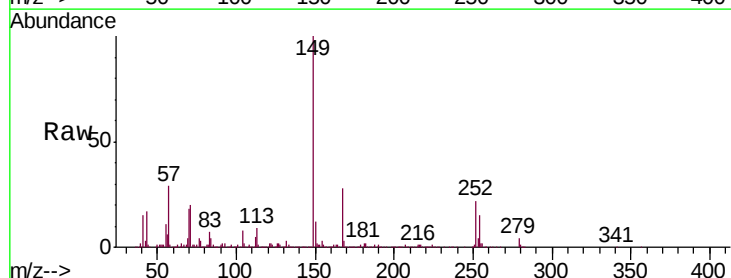
Instrument :
BNA_G
ClientSampled :
EP-3MSD

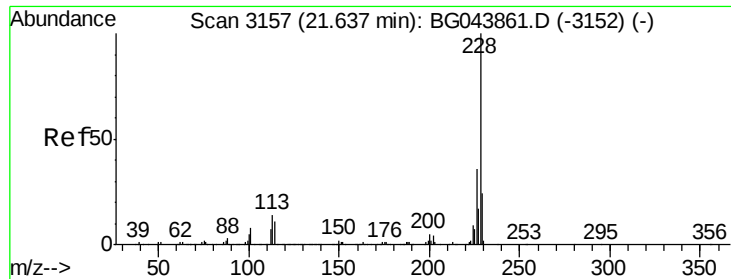
Tgt Ion:228 Resp: 1365675
Ion Ratio Lower Upper
228 100
226 31.1 26.2 39.4
229 22.7 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 18.036 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:252 Resp: 196337
Ion Ratio Lower Upper
252 100
254 68.5 52.1 78.1
126 10.8 9.1 13.7





#83

Chrysene

Concen: 49.580 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampled :

EP-3MSD

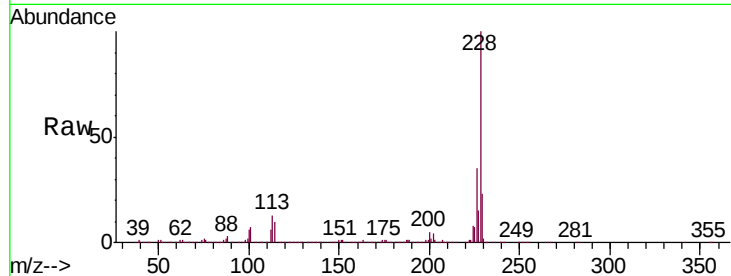
Tgt Ion:228 Resp: 1298062

Ion Ratio Lower Upper

228 100

226 34.5 28.8 43.2

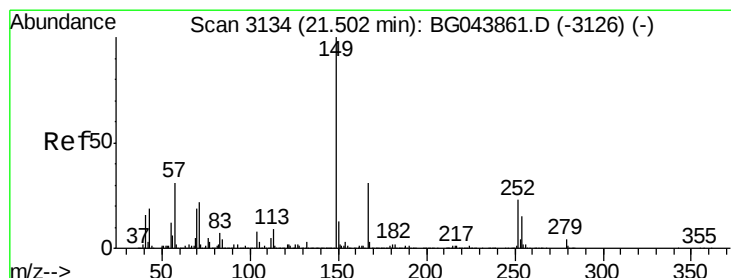
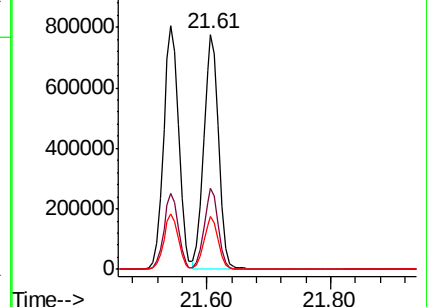
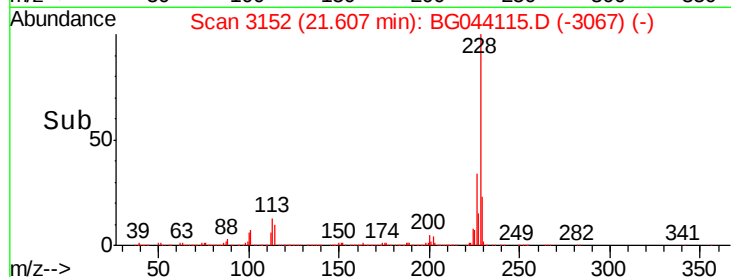
229 22.7 19.0 28.6



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: 49.276 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

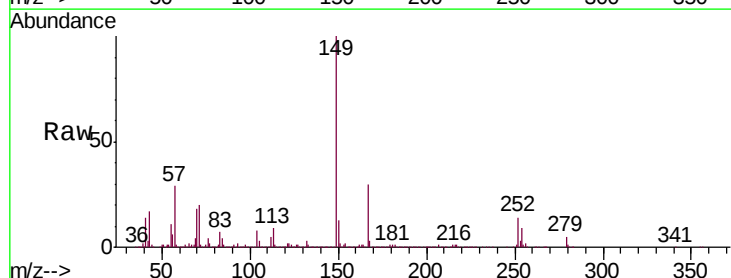
Tgt Ion:149 Resp: 938894

Ion Ratio Lower Upper

149 100

167 30.5 24.7 37.1

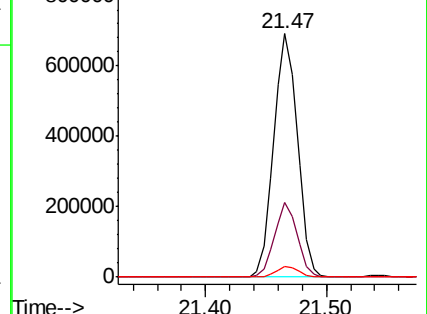
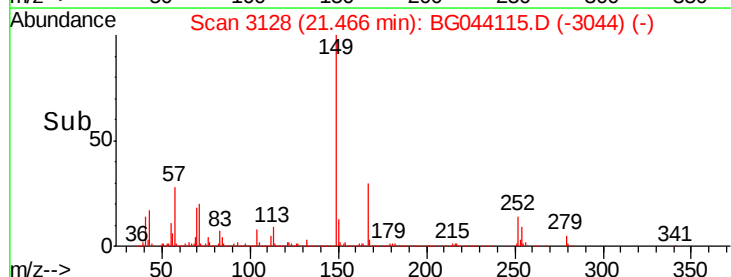
279 4.5 3.3 4.9

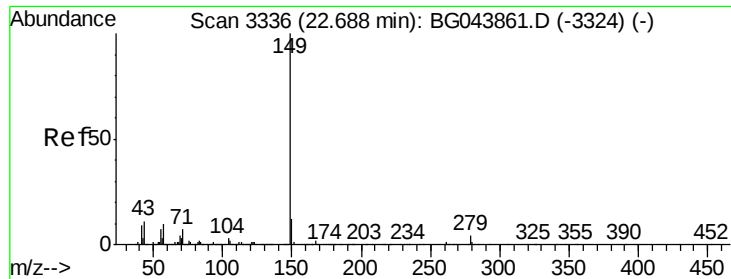


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

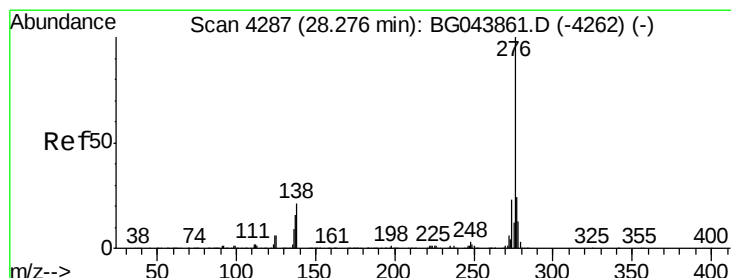
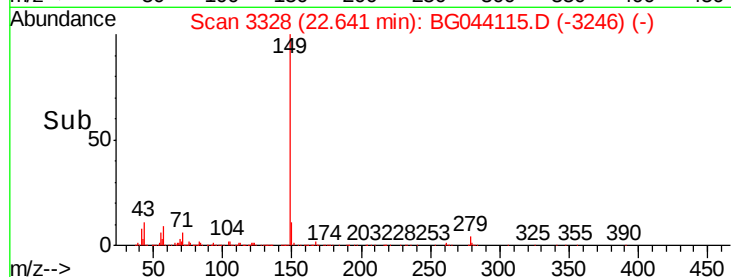
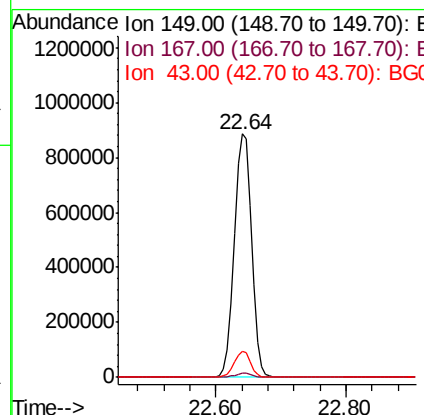
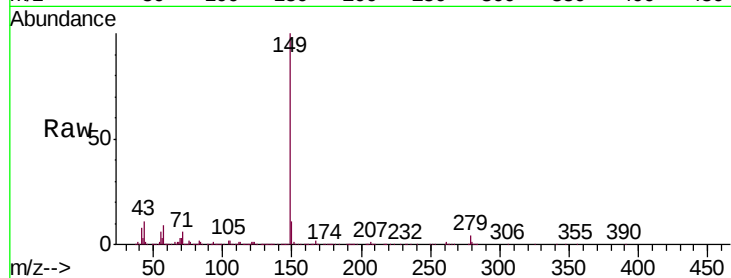




#85
 Di-n-octyl phthalate
 Concen: 50.835 ng
 RT: 22.64 min Scan# 3328
 Delta R.T. -0.05 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

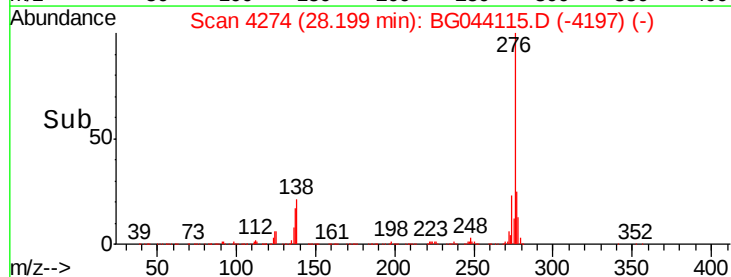
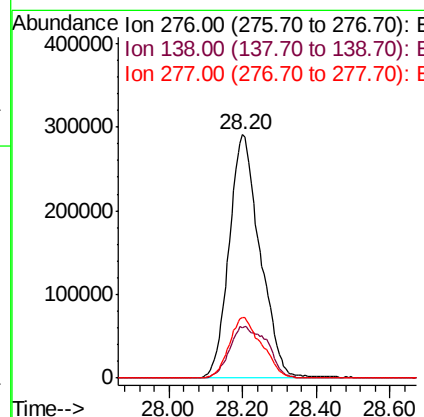
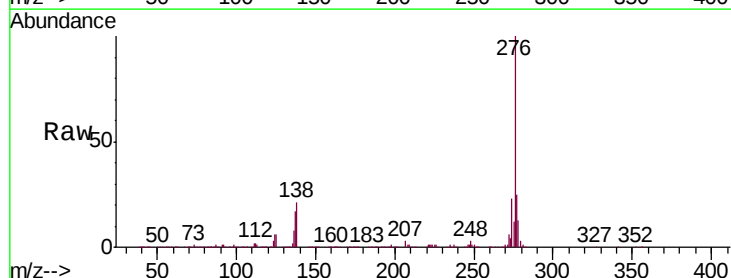
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

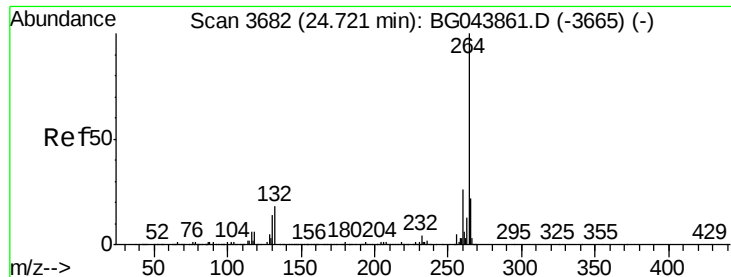
Tgt Ion:149 Resp: 1628373
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 9.9 8.8 13.2



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 47.825 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.08 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion:276 Resp: 1701605
 Ion Ratio Lower Upper
 276 100
 138 25.9 21.0 31.4
 277 26.1 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

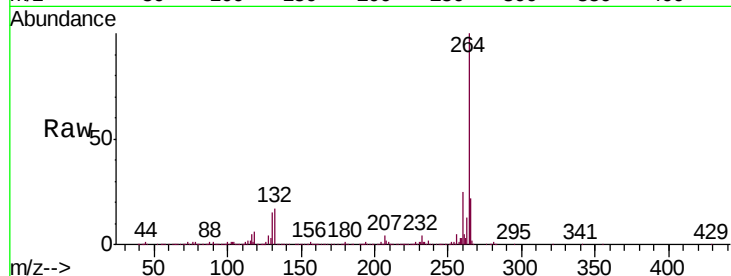
Tgt Ion: 264 Resp: 508690

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

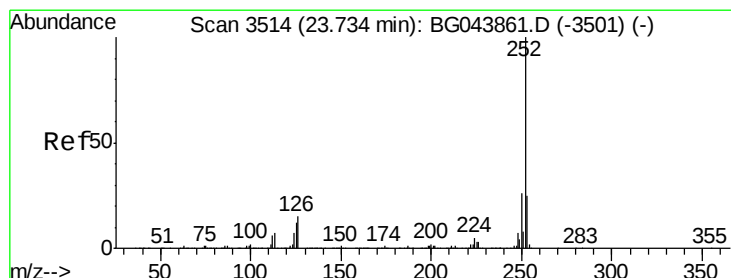
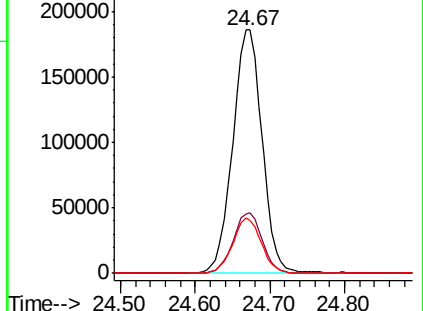
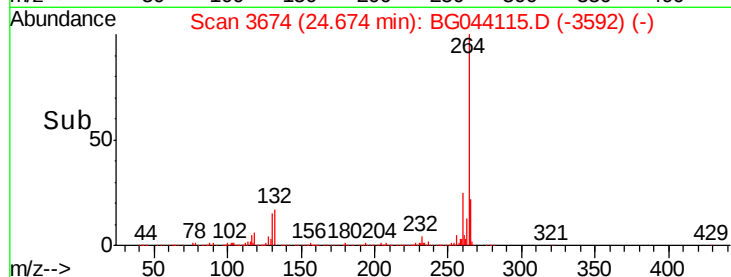
265 21.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.746 ng

RT: 23.69 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

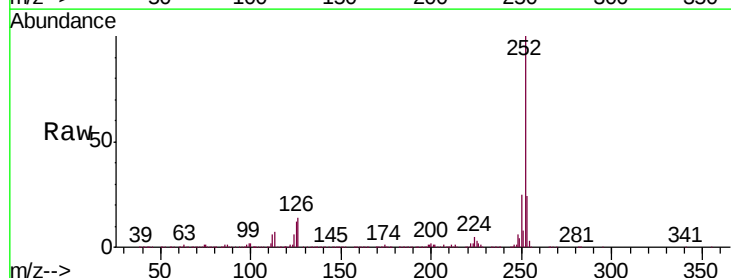
Tgt Ion: 252 Resp: 1435842

Ion Ratio Lower Upper

252 100

253 23.9 19.7 29.5

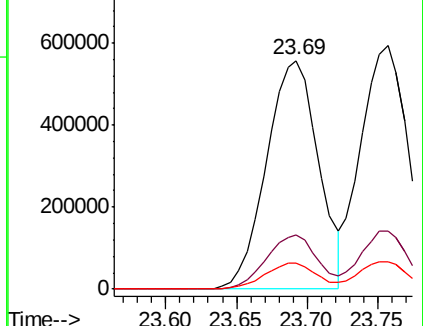
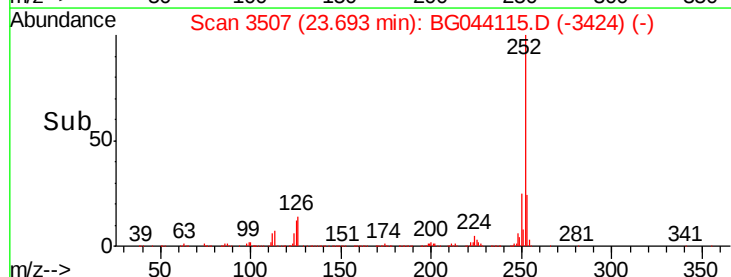
125 11.6 9.4 14.2

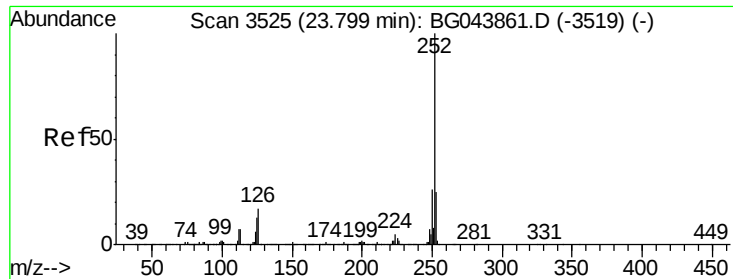


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

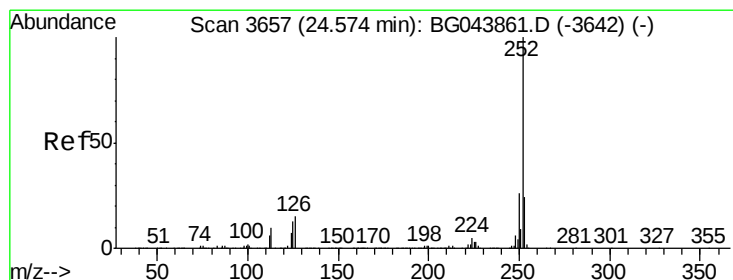
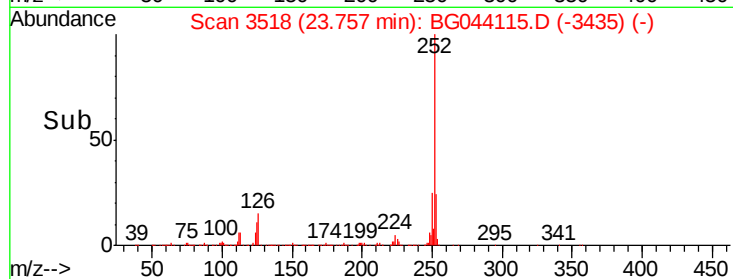
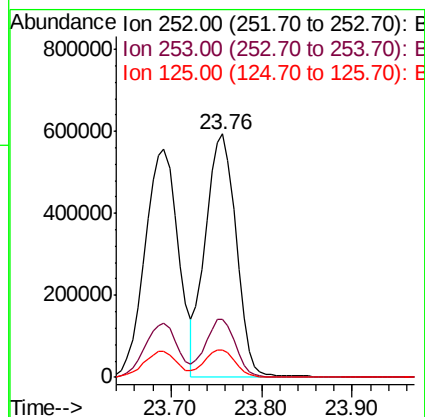
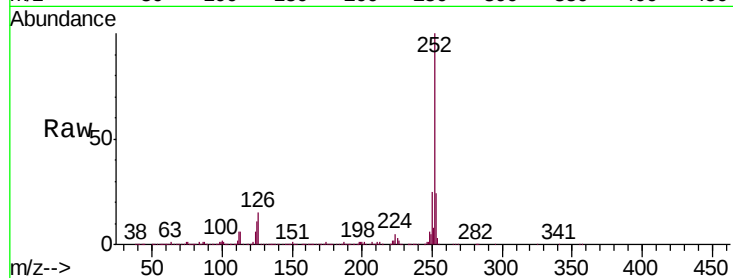




#89
Benzo(k)fluoranthene
Concen: 48.887 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

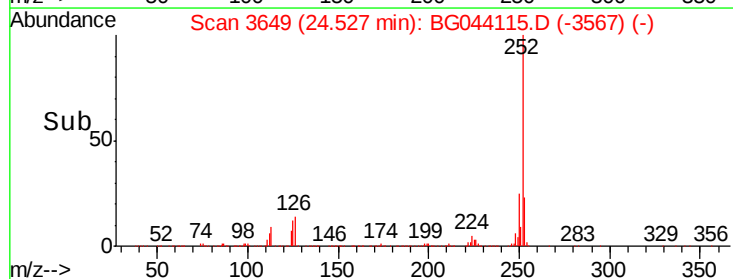
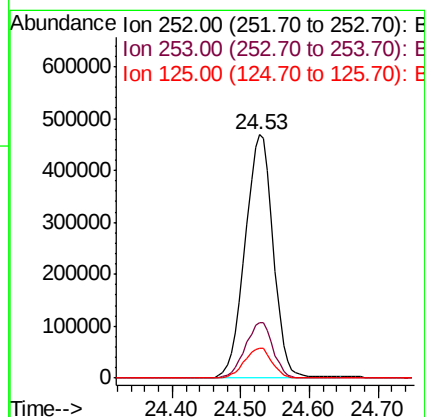
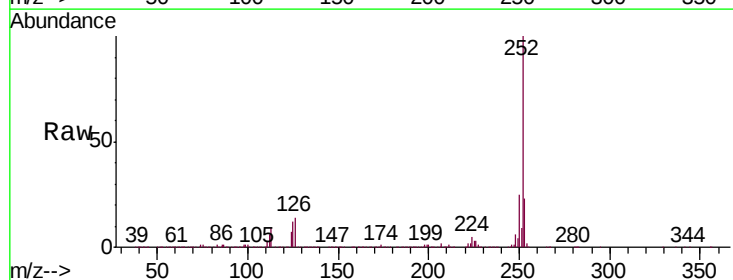
Instrument :
BNA_G
ClientSampleId :
EP-3MSD

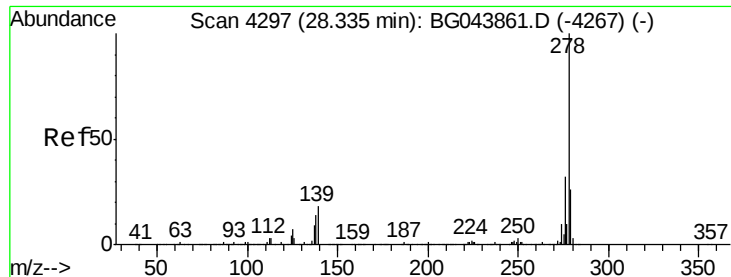
Tgt Ion:252 Resp: 1398020
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.2
125 11.4 9.9 14.9



#90
Benzo(a)pyrene
Concen: 47.106 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.05 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:252 Resp: 1337032
Ion Ratio Lower Upper
252 100
253 22.7 19.3 28.9
125 12.4 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 48.871 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.08 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

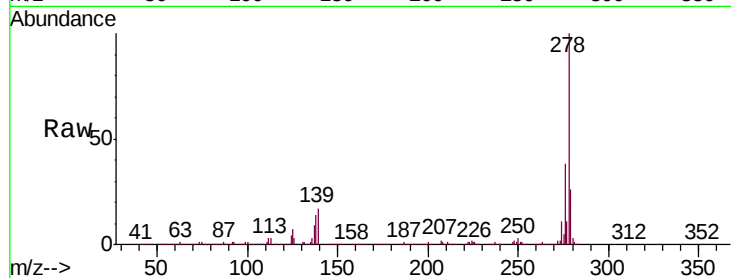
Tgt Ion:278 Resp: 1393076

Ion Ratio Lower Upper

278 100

139 17.5 14.2 21.4

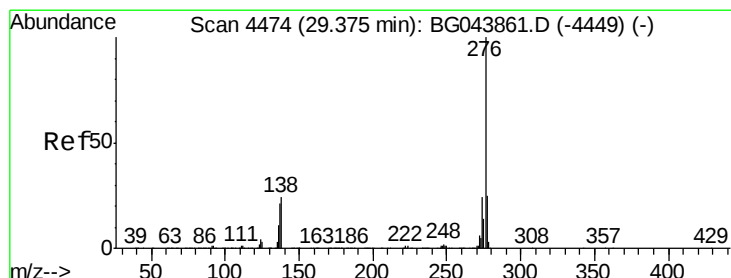
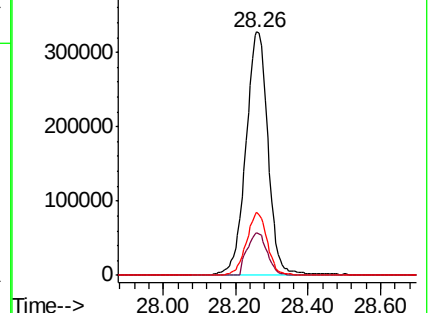
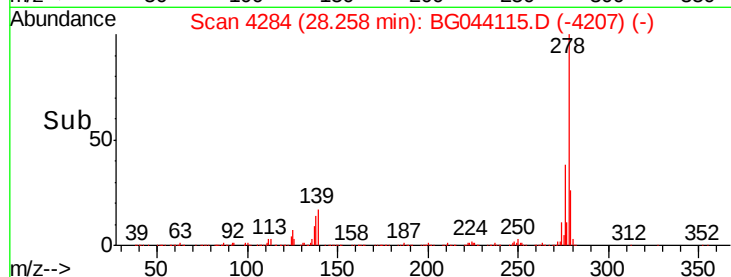
279 25.9 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.562 ng

RT: 29.30 min Scan# 4462

Delta R.T. -0.07 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

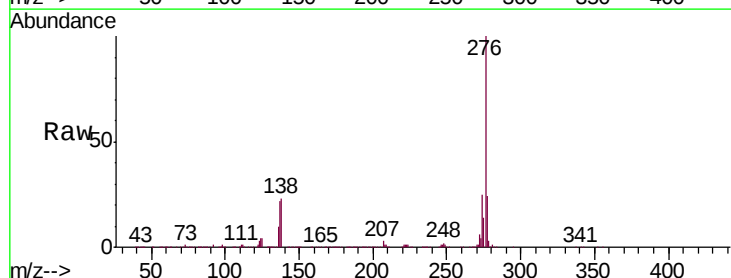
Tgt Ion:276 Resp: 1431645

Ion Ratio Lower Upper

276 100

277 24.3 20.2 30.4

138 23.1 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

