

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
 Data File : BP002223.D
 Acq On : 18 Mar 2020 19:16
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 18 23:38:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 19:28:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	168214	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	696426	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	403510	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	851372	20.00	ng	0.00
76) Chrysene-d12	21.14	240	787734	20.00	ng	0.00
87) Perylene-d12	23.36	264	905718	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	710845	75.06	ng	0.00
7) Phenol-d6	6.84	99	925883	76.06	ng	0.00
23) Nitrobenzene-d5	8.80	82	783675	75.04	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	375425	78.58	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2101220	75.30	ng	0.00
79) Terphenyl-d14	19.63	244	2839749	78.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	140918	36.728	ng	99
3) Pyridine	3.62	79	360654	33.251	ng	98
4) n-Nitrosodimethylamine	3.54	42	107530	39.084	ng	89
6) Aniline	6.99	93	603768	40.213	ng	99
8) 2-Chlorophenol	7.23	128	448372	39.730	ng	97
9) Benzaldehyde	6.80	77	272836	36.784	ng	100
10) Phenol	6.86	94	494888	39.373	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	403301	37.227	ng	99
12) 1,3-Dichlorobenzene	7.55	146	496656	37.948	ng	97
13) 1,4-Dichlorobenzene	7.69	146	508353	38.571	ng	99
14) 1,2-Dichlorobenzene	8.01	146	484384	37.932	ng	100
15) Benzyl Alcohol	7.89	79	300772	43.392	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	318966	37.841	ng	98
17) 2-Methylphenol	8.10	107	353281	36.259	ng	97
18) Hexachloroethane	8.73	117	177588	38.018	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	246108	41.026	ng	97
20) 3+4-Methylphenols	8.43	107	478391	36.478	ng	98
22) Acetophenone	8.47	105	655779	41.152	ng	99
24) Nitrobenzene	8.84	77	425256	38.599	ng	99
25) Isophorone	9.37	82	839840	37.553	ng	98
26) 2-Nitrophenol	9.55	139	209310	43.392	ng	97
27) 2,4-Dimethylphenol	9.62	122	404870	42.150	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	544615	40.656	ng	99
29) 2,4-Dichlorophenol	10.08	162	425916	40.234	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	459278	38.184	ng	98
31) Naphthalene	10.48	128	1462821	38.334	ng	100
32) Benzoic acid	9.75	122	218240	42.713	ng	98
33) 4-Chloroaniline	10.59	127	606152	39.196	ng	99
34) Hexachlorobutadiene	10.79	225	261971	37.399	ng	99
35) Caprolactam	11.35	113	119445	46.985	ng	95
36) 4-Chloro-3-methylphenol	11.72	107	422105	39.865	ng	100
37) 2-Methylnaphthalene	12.10	142	1017798	38.638	ng	100
38) 1-Methylnaphthalene	12.32	142	968676	38.625	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	507712	41.256	ng	99

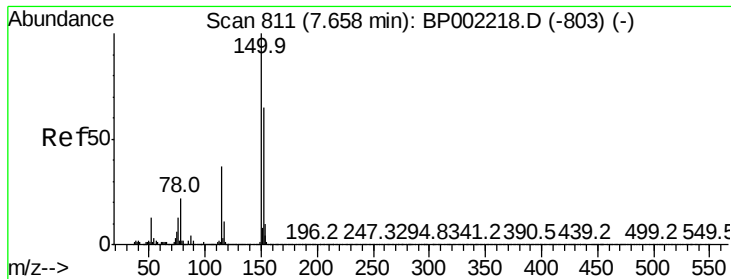
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
 Data File : BP002223.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 19:28:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	259819	43.845	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	325247	40.376	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	356050	37.567	ng	98
46) 1,1'-Biphenyl	13.13	154	1320574	39.591	ng	99
47) 2-Chloronaphthalene	13.16	162	987371	38.227	ng	98
48) 2-Nitroaniline	13.36	65	156193	40.324	ng	95
49) Acenaphthylene	14.02	152	1669819	39.946	ng	100
50) Dimethylphthalate	13.76	163	1231169	40.261	ng	100
51) 2,6-Dinitrotoluene	13.87	165	246291	42.364	ng	94
52) Acenaphthene	14.36	154	1005523	38.730	ng	99
53) 3-Nitroaniline	14.19	138	270067	41.180	ng	100
54) 2,4-Dinitrophenol	14.40	184	112689	40.923	ng	98
55) Dibenzofuran	14.70	168	1510904	38.875	ng	100
56) 4-Nitrophenol	14.50	139	239566	41.611	ng	98
57) 2,4-Dinitrotoluene	14.66	165	320908	41.457	ng	96
58) Fluorene	15.35	166	1079122	36.528	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	315867	40.765	ng	99
60) Diethylphthalate	15.15	149	1217682	44.785	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	518789	36.746	ng	99
62) 4-Nitroaniline	15.36	138	260156	44.505	ng	95
63) Azobenzene	15.65	77	1067011	37.394	ng	99
65) 4,6-Dinitro-2-methylphenol	15.43	198	157944	44.406	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1022861	40.205	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	356756	37.572	ng	97
68) Hexachlorobenzene	16.36	284	406842	38.648	ng	98
69) Atrazine	16.53	200	310718	46.318	ng	97
70) Pentachlorophenol	16.70	266	261171	40.475	ng	98
71) Phenanthrene	17.09	178	1907459	39.345	ng	99
72) Anthracene	17.18	178	1939203	40.231	ng	99
73) Carbazole	17.45	167	1821096	38.989	ng	99
74) Di-n-butylphthalate	18.04	149	1583710	52.787	ng	98
75) Fluoranthene	19.07	202	2188626	39.917	ng	100
77) Benzidine	19.25	184	377553	52.561	ng	96
78) Pyrene	19.42	202	2316473	42.238	ng	100
80) Butylbenzylphthalate	20.32	149	267232	42.493	ng	96
81) Benzo(a)anthracene	21.13	228	2123965	41.147	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	543741	50.726	ng	99
83) Chrysene	21.18	228	2099652	41.157	ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	451216	43.794	ng	96
85) Di-n-octyl phthalate	21.97	149	799260	46.511	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.61	276	2538845	42.978	ng	99
88) Benzo(b)fluoranthene	22.70	252	2193831	37.962	ng	99
89) Benzo(k)fluoranthene	22.74	252	2212799	38.327	ng	99
90) Benzo(a)pyrene	23.27	252	2138494	39.725	ng	99
91) Dibenzo(a,h)anthracene	25.63	278	2140503	39.526	ng	100
92) Benzo(g,h,i)perylene	26.29	276	2142053	39.879	ng	97

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

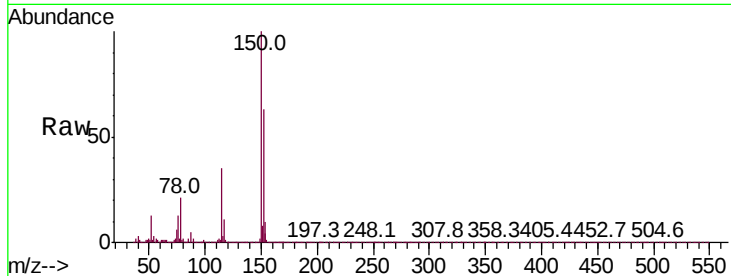


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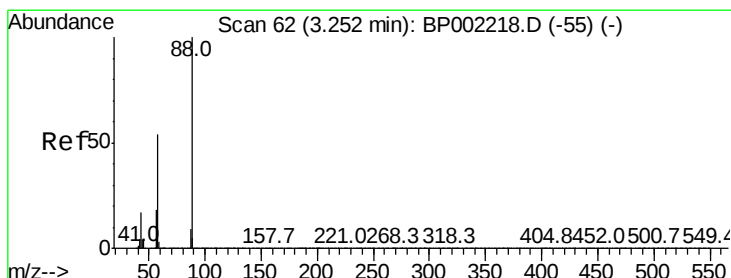
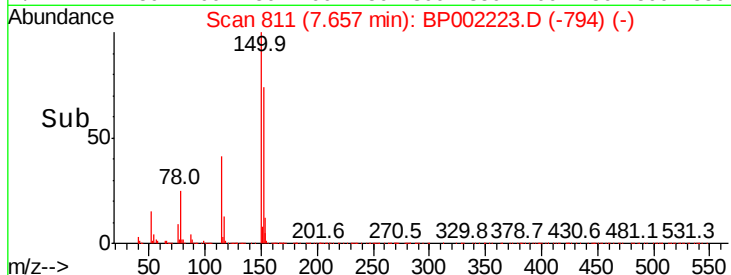
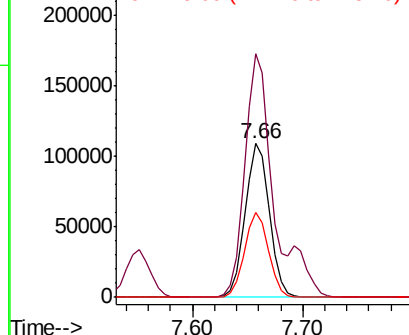
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 168214
Ion Ratio Lower Upper
152 100
150 158.5 123.4 185.0
115 55.6 45.2 67.8



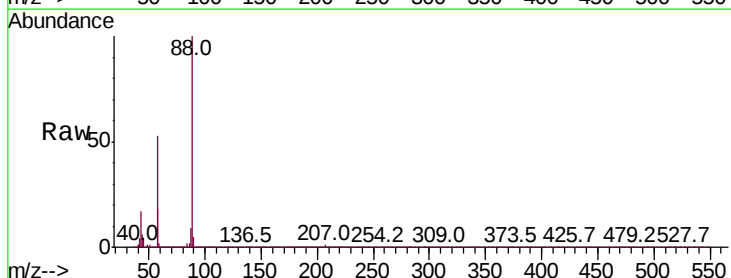
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



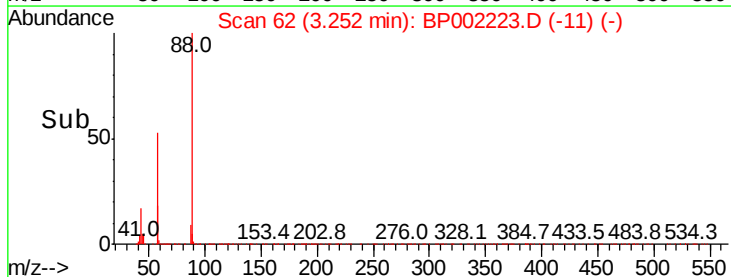
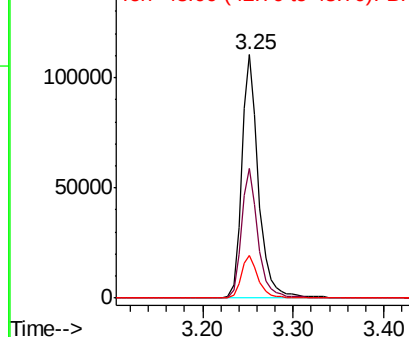
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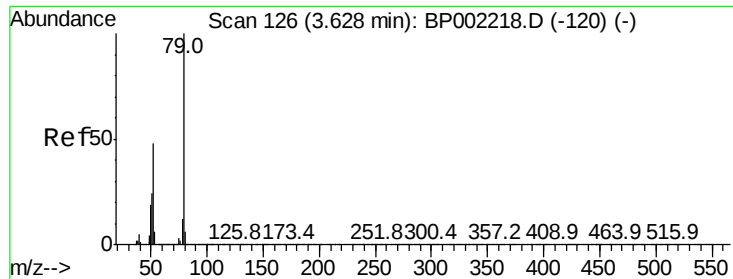
1,4-Dioxane
Concen: 36.728 ng
RT: 3.25 min Scan# 62
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion: 88 Resp: 140918
Ion Ratio Lower Upper
88 100
58 53.7 42.6 63.8
43 17.4 14.3 21.5



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0

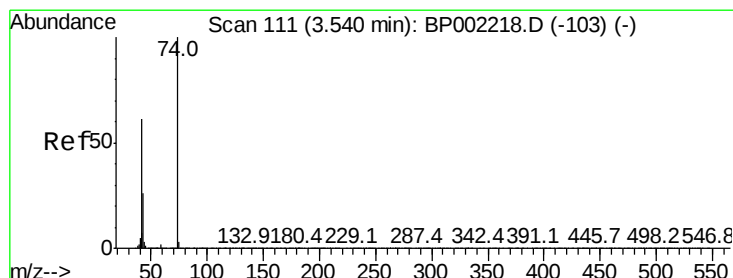
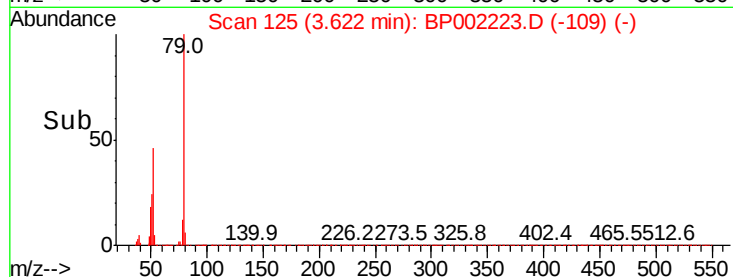
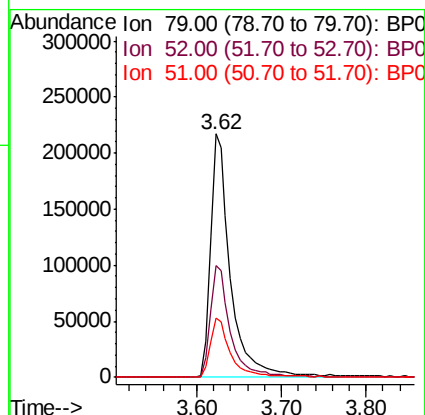
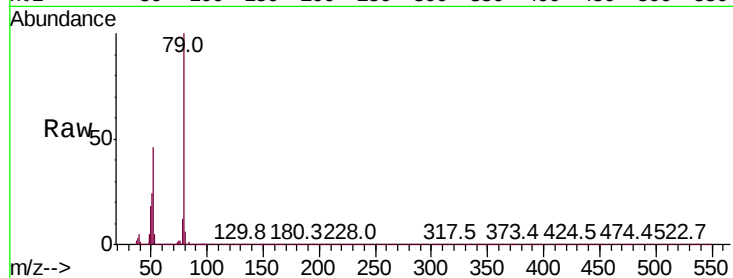




#3
 Pvridine
 Concen: 33.251 ng
 RT: 3.62 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

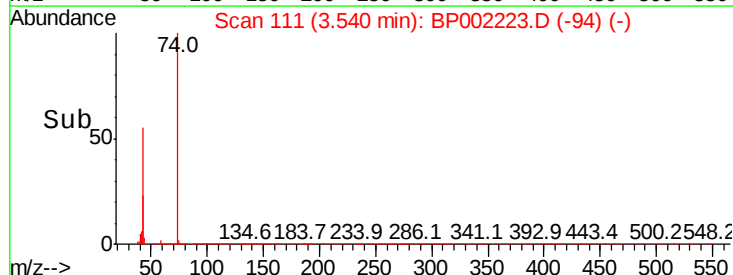
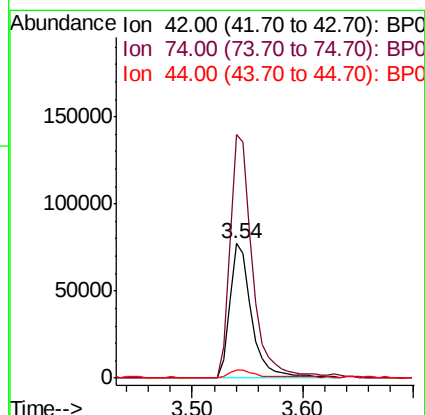
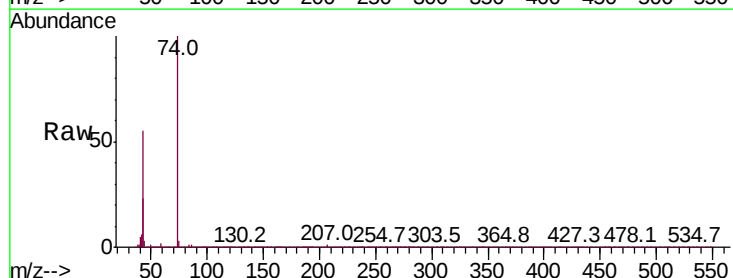
Instrument :
 BNA_P
 ClientSampleId :

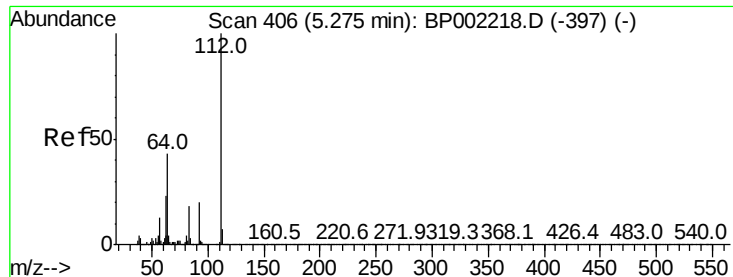
Tot Ion: 79 Resp: 360654
 Ion Ratio Lower Upper
 79 100
 52 46.0 38.1 57.1
 51 24.2 19.5 29.3



#4
 n-Nitrosodimethylamine
 Concen: 39.084 ng
 RT: 3.54 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

Tgt Ion: 42 Resp: 107530
 Ion Ratio Lower Upper
 42 100
 74 180.8 131.9 197.9
 44 6.0 4.8 7.2





#5

2-Fluorophenol

Concen: 75.061 ng

RT: 5.28 min Scan# 406

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

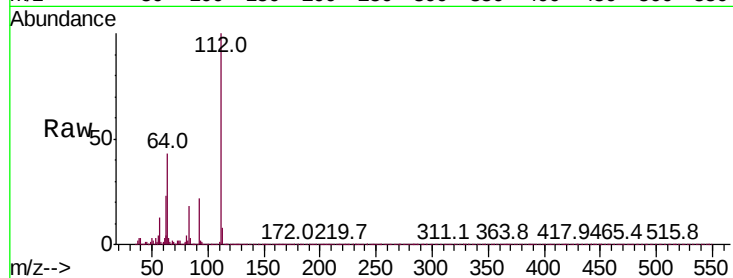
Tot Ion:112 Resp: 710845

Ion Ratio Lower Upper

112 100

64 42.6 34.2 51.4

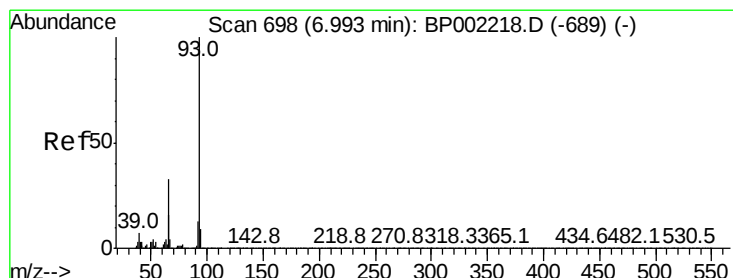
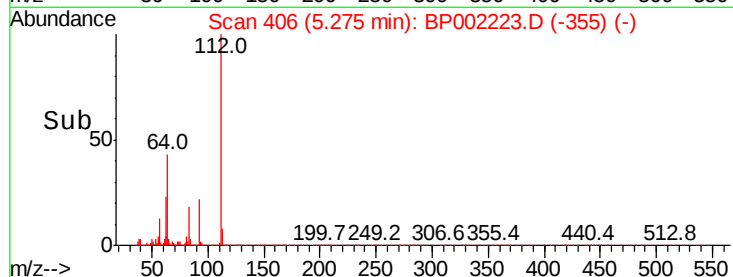
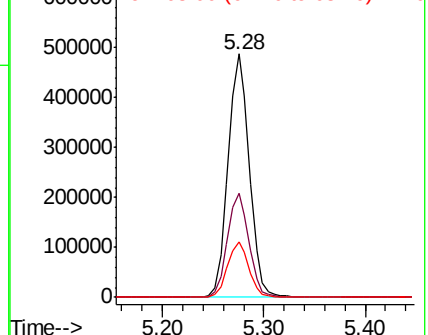
63 23.0 18.6 27.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 40.213 ng

RT: 6.99 min Scan# 698

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

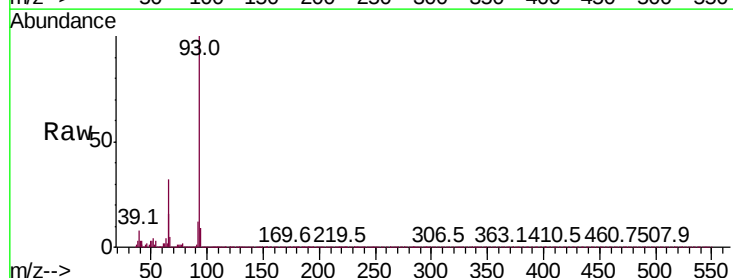
Tgt Ion: 93 Resp: 603768

Ion Ratio Lower Upper

93 100

66 31.9 26.2 39.2

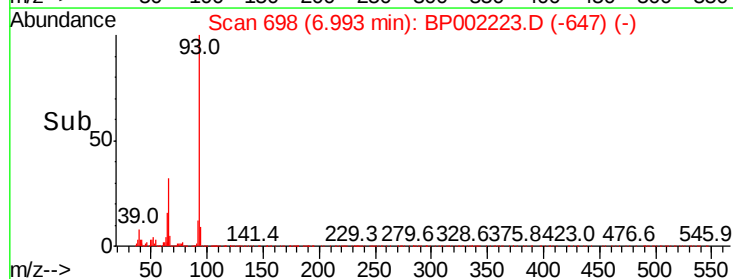
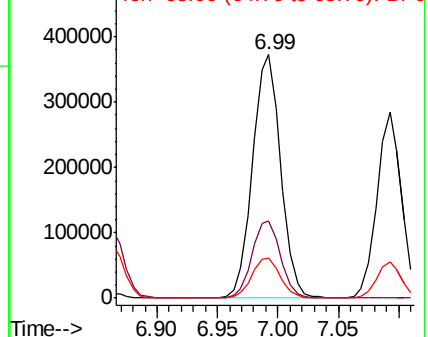
65 16.4 13.0 19.4

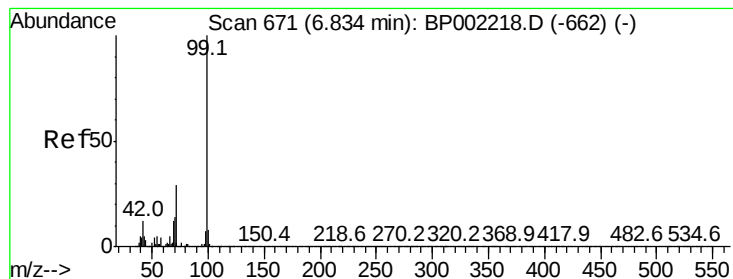


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 76.057 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

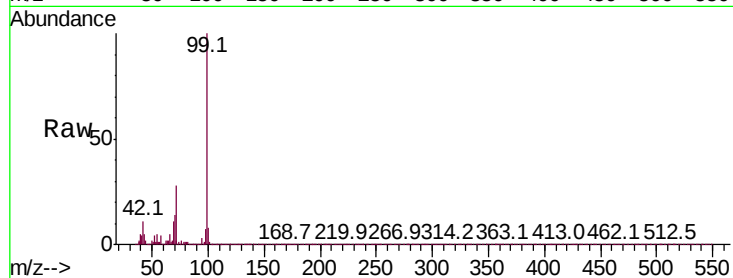
Tot Ion: 99 Resp: 925883

Ion Ratio Lower Upper

99 100

42 11.1 9.2 13.8

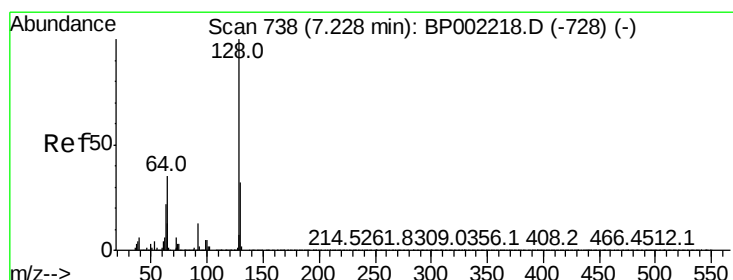
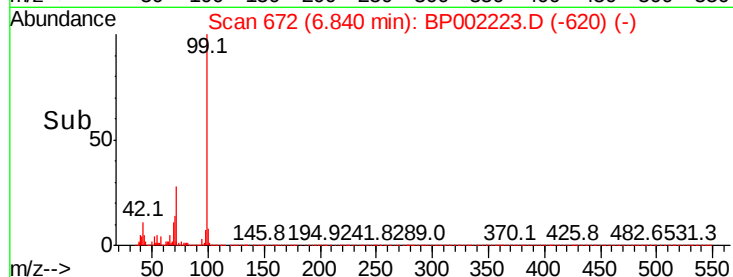
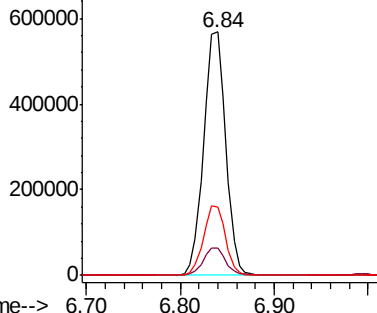
71 28.3 22.8 34.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 39.730 ng

RT: 7.23 min Scan# 738

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

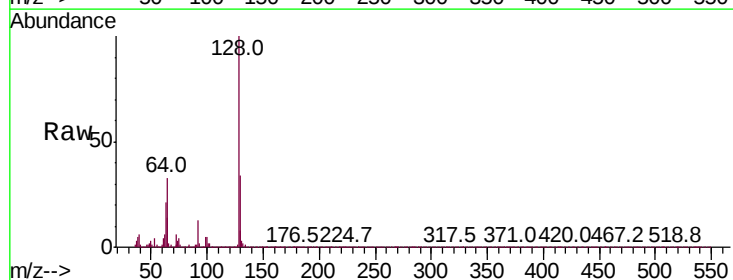
Tgt Ion: 128 Resp: 448372

Ion Ratio Lower Upper

128 100

130 33.5 12.1 52.1

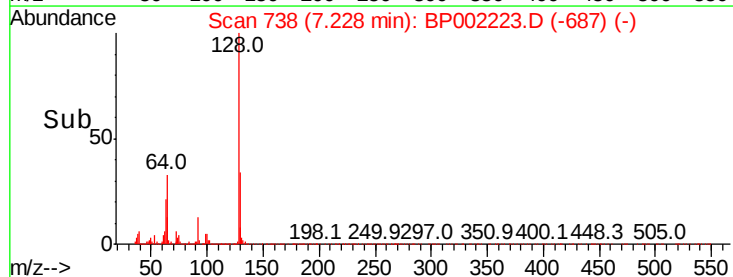
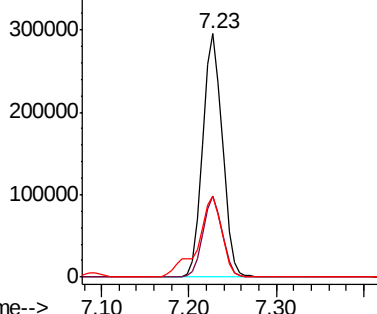
64 33.1 14.9 54.9

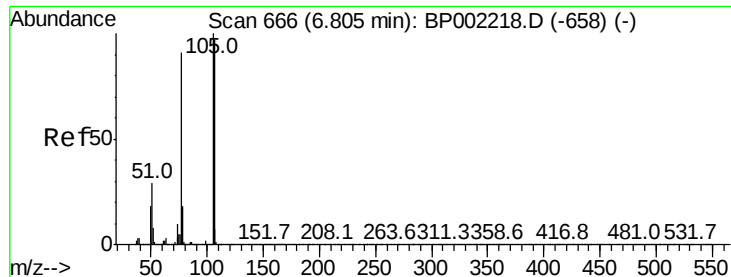


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 36.784 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampled :

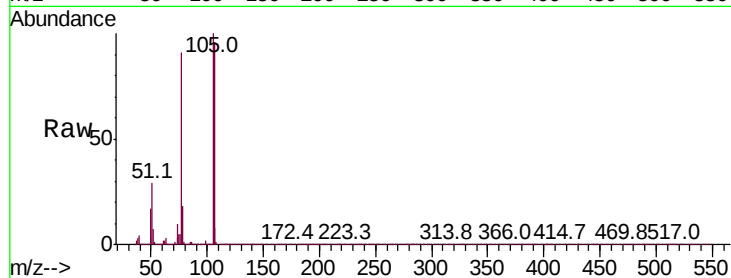
Tot Ion: 77 Resp: 272836

Ion Ratio Lower Upper

77 100

105 110.0 89.3 129.3

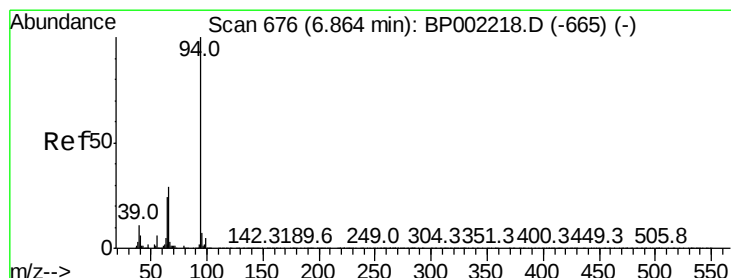
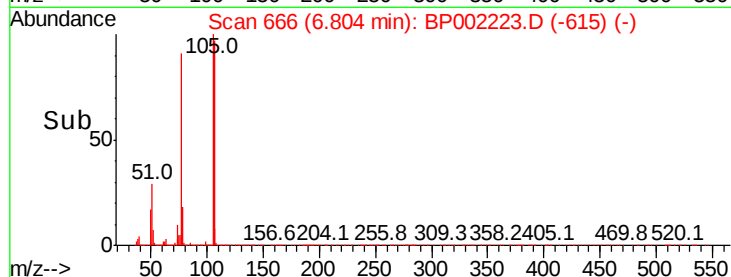
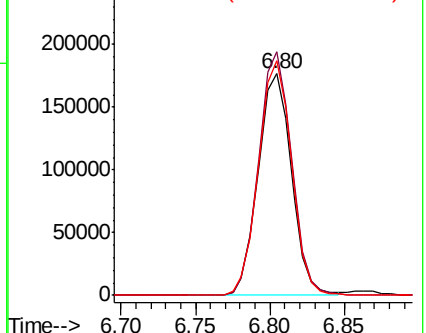
106 106.1 86.1 126.1



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.373 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

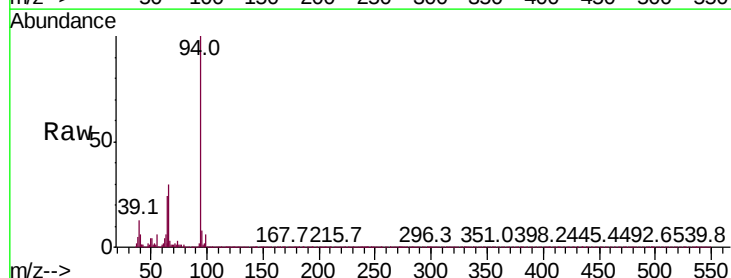
Tgt Ion: 94 Resp: 494888

Ion Ratio Lower Upper

94 100

65 23.6 4.3 44.3

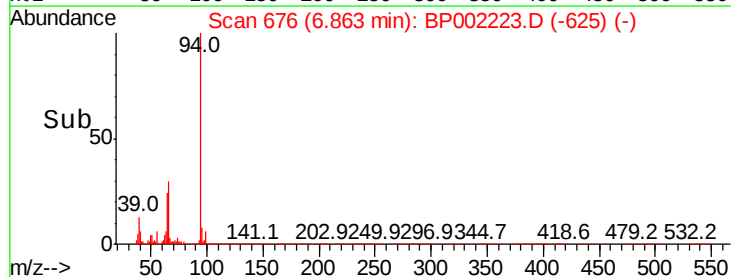
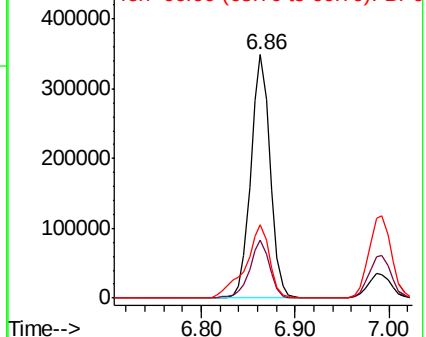
66 30.3 9.5 49.5

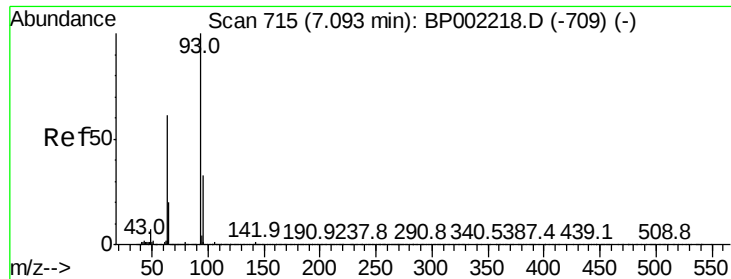


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

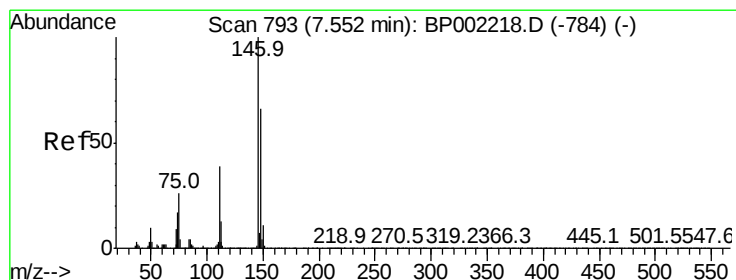
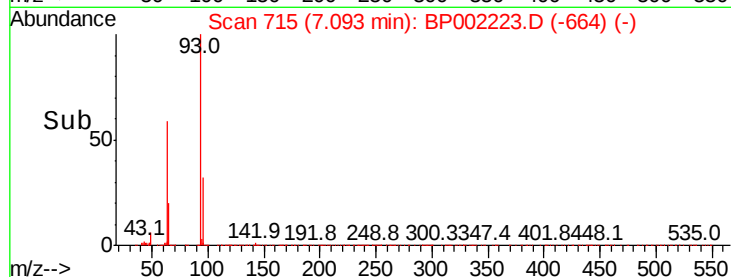
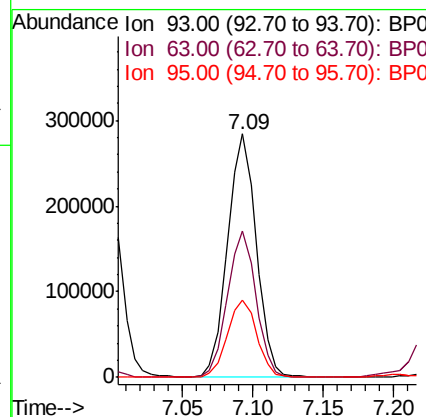
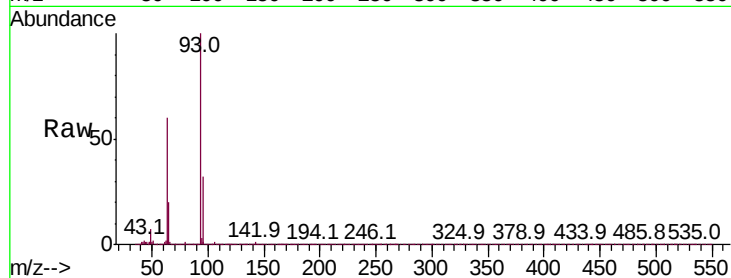




#11
bis(2-Chloroethyl)ether
Concen: 37.227 ng
RT: 7.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

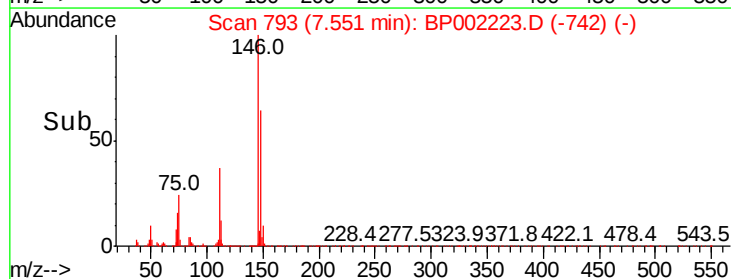
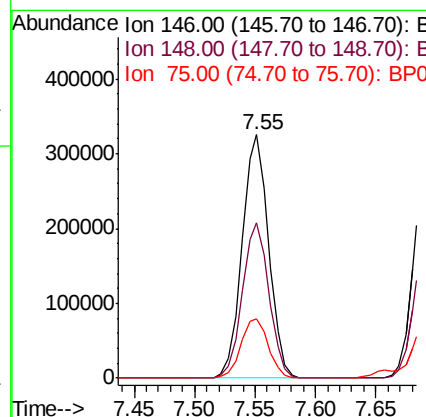
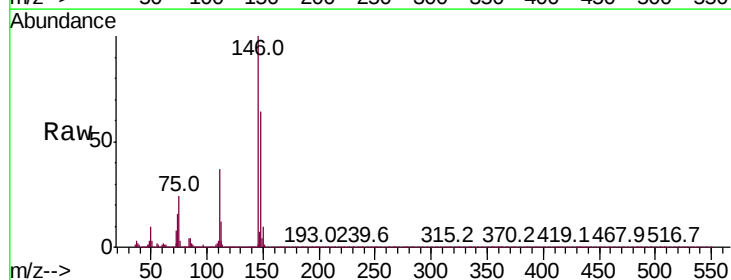
Instrument :
BNA_P
ClientSampleId :

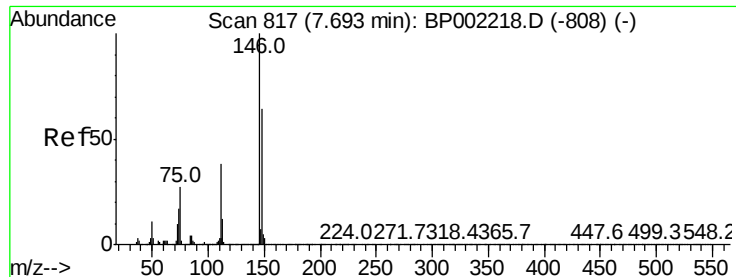
Tot Ion	Ratio	Lower	Upper
93	100		
63	60.2	40.3	80.3
95	31.9	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 37.948 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.8	79.2
75	24.5	21.1	31.7





#13

1,4-Dichlorobenzene

Concen: 38.571 ng

RT: 7.69 min Scan# 817

Delta R.T. -0.00 min

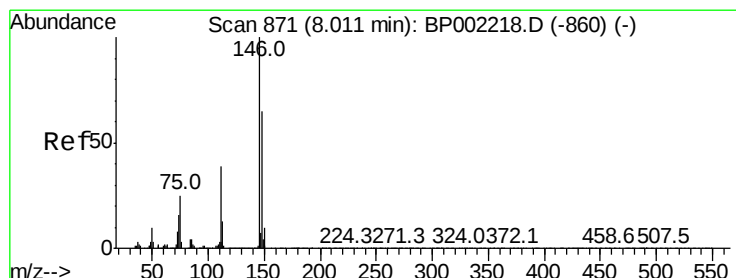
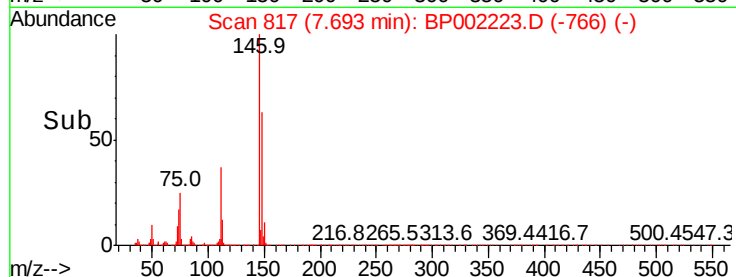
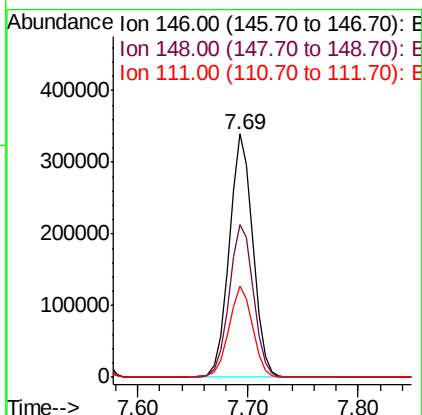
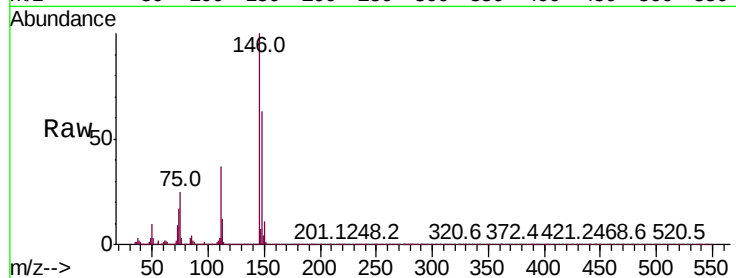
Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampled :

Tot Ion:146 Resp: 508353

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	37.4	30.2	45.2



#14

1,2-Dichlorobenzene

Concen: 37.932 ng

RT: 8.01 min Scan# 871

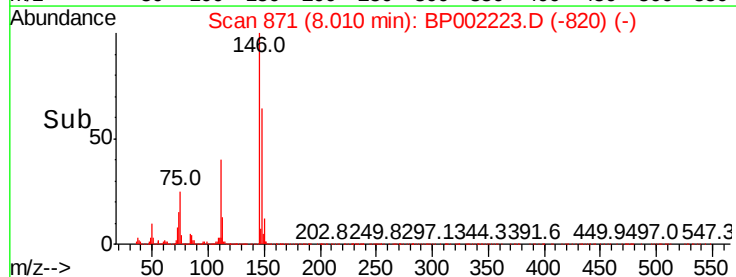
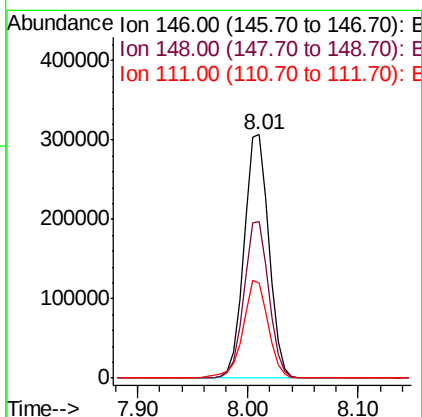
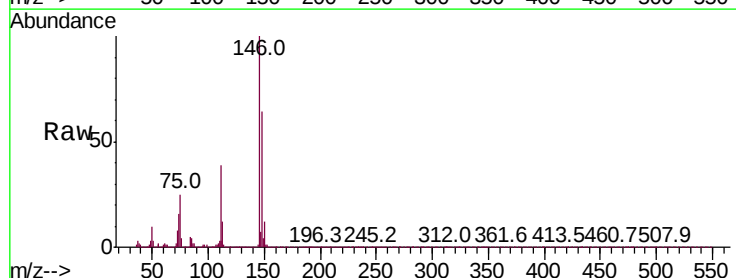
Delta R.T. -0.00 min

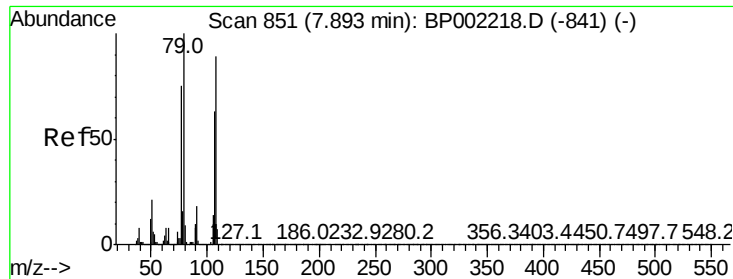
Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:146 Resp: 484384

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
111	39.0	31.0	46.6





#15

Benzyl Alcohol

Concen: 43.392 ng

RT: 7.89 min Scan# 851

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

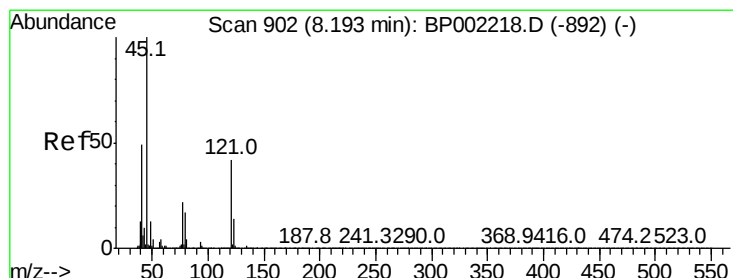
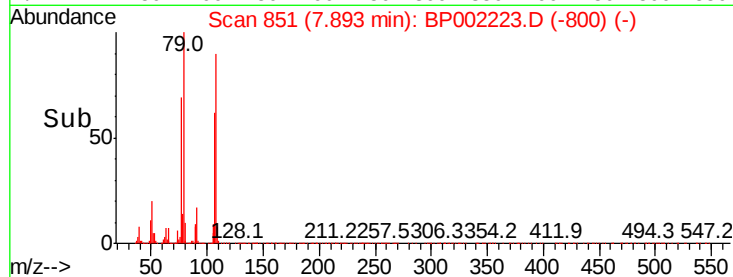
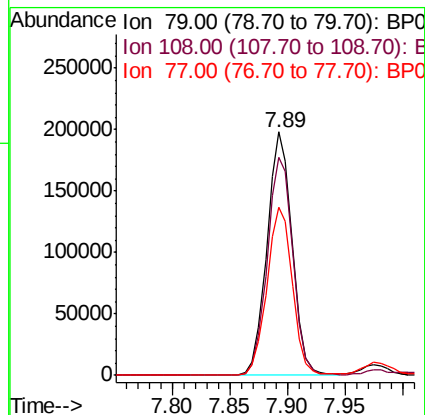
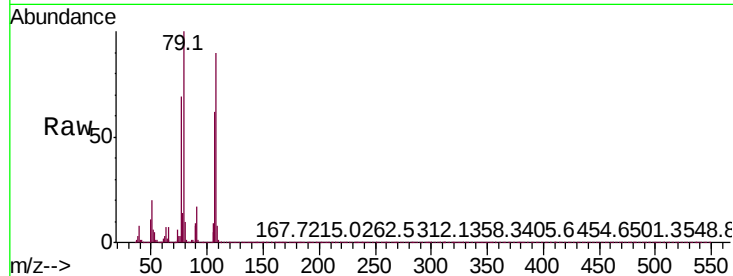
Tot Ion: 79 Resp: 300772

Ion Ratio Lower Upper

79 100

108 89.6 71.0 106.4

77 69.2 59.8 89.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.841 ng

RT: 8.20 min Scan# 903

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

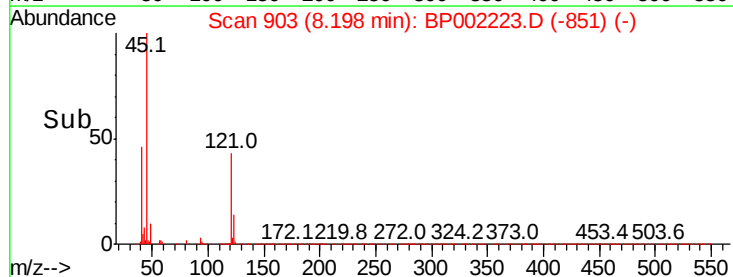
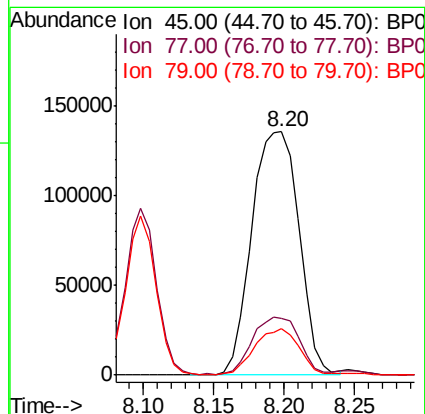
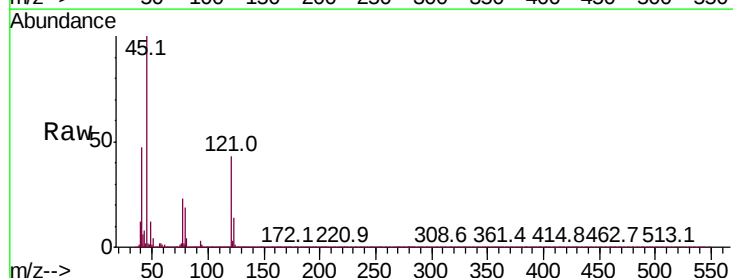
Tgt Ion: 45 Resp: 318966

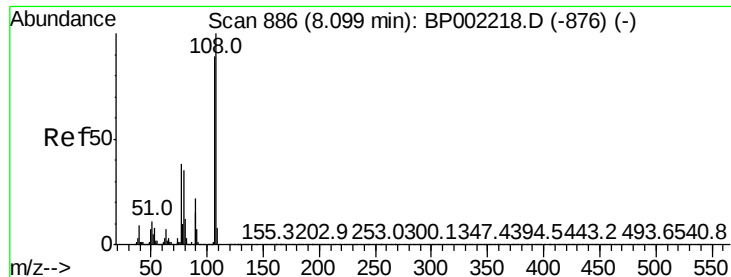
Ion Ratio Lower Upper

45 100

77 23.2 3.1 43.1

79 19.0 0.0 37.5

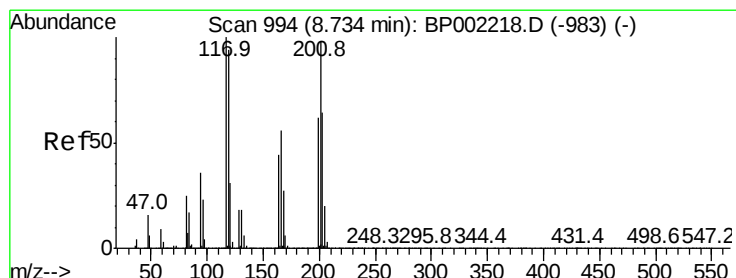
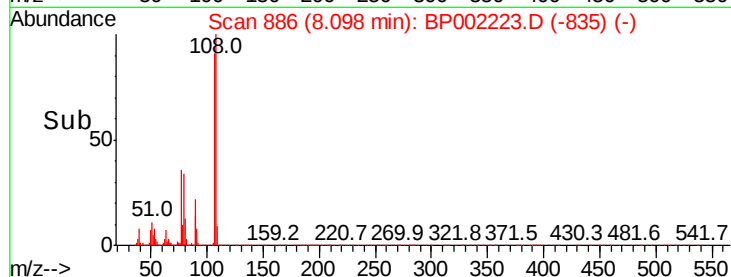
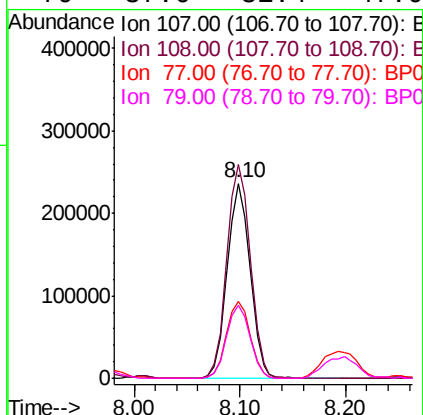
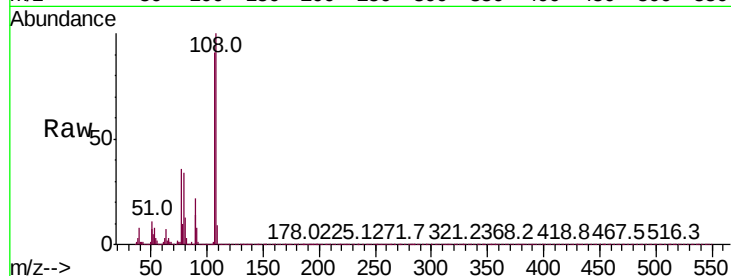




#17
2-Methylphenol
Concen: 36.259 ng
RT: 8.10 min Scan# 886
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

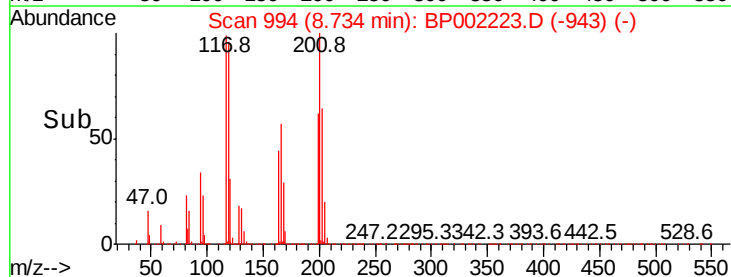
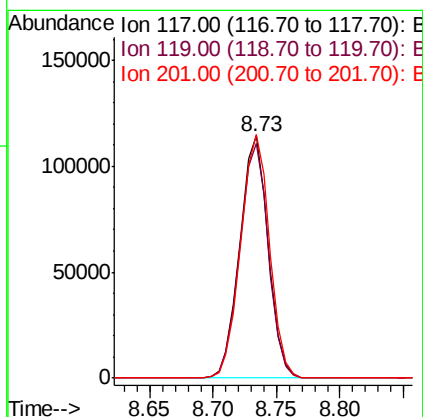
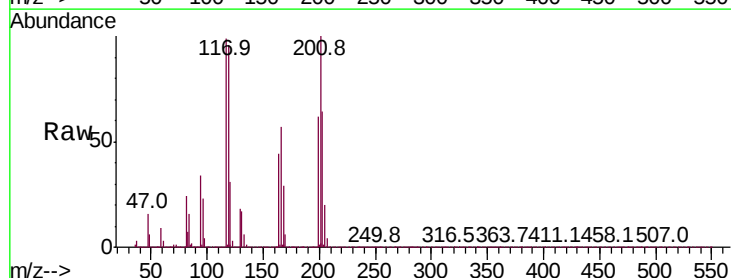
Instrument :
BNA_P
ClientSampleId :

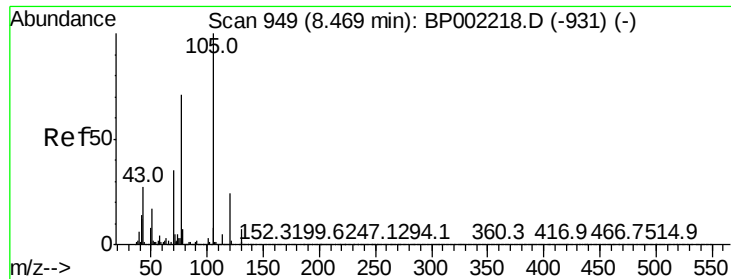
Tot Ion:	107	Resp:	353281
Ion	Ratio	Lower	Upper
107	100		
108	109.8	89.4	134.2
77	39.5	33.8	50.8
79	37.6	31.4	47.0



#18
Hexachloroethane
Concen: 38.018 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:	117	Resp:	177588
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.6	113.4
201	100.5	78.2	117.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.026 ng

RT: 8.46 min Scan# 948

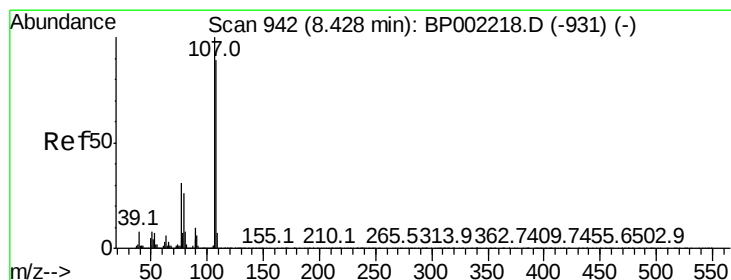
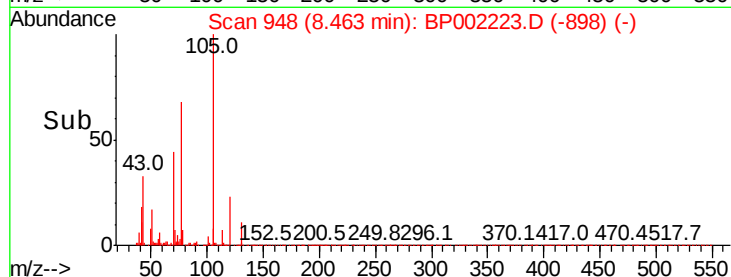
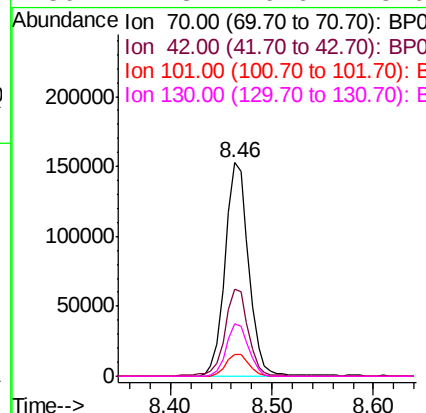
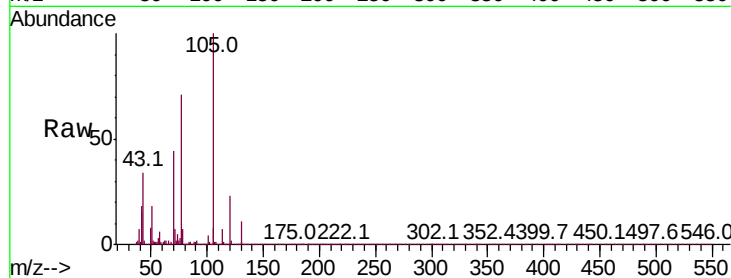
Delta R.T. -0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	246108
Ion	Ratio	Lower	Upper
70	100		
42	41.0	31.9	47.9
101	10.1	8.1	12.1
130	24.3	16.6	25.0



#20

3+4-Methylphenols

Concen: 36.478 ng

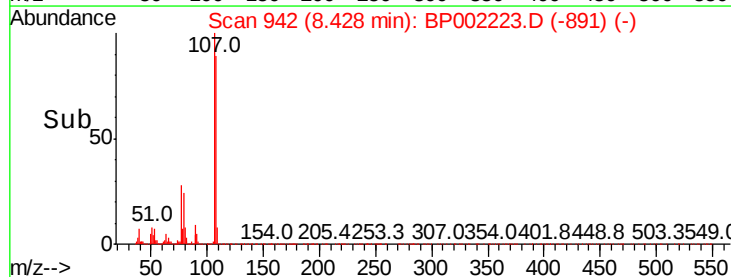
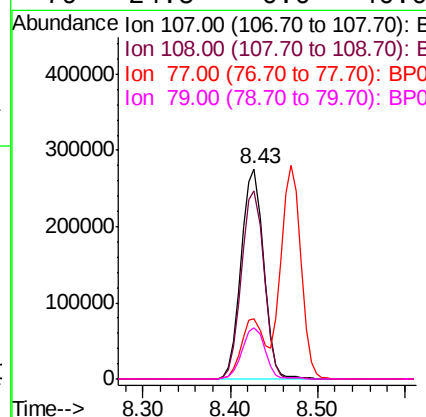
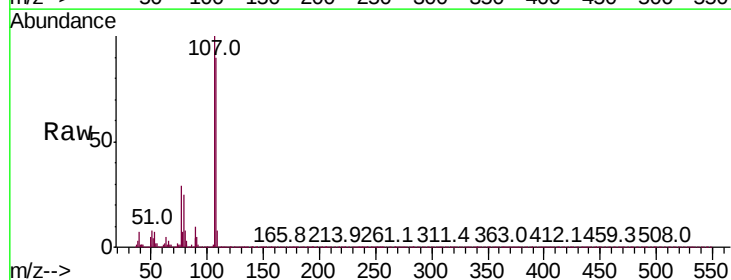
RT: 8.43 min Scan# 942

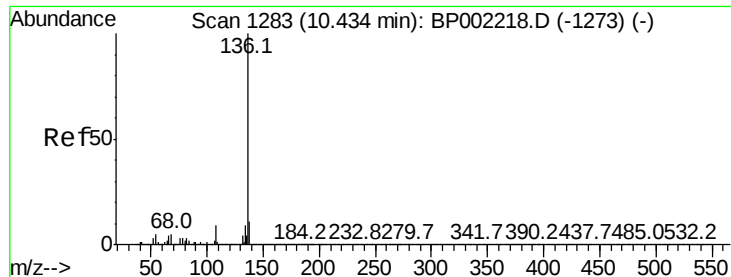
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:	107	Resp:	478391
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.8	108.8
77	28.8	10.6	50.6
79	24.5	6.0	46.0

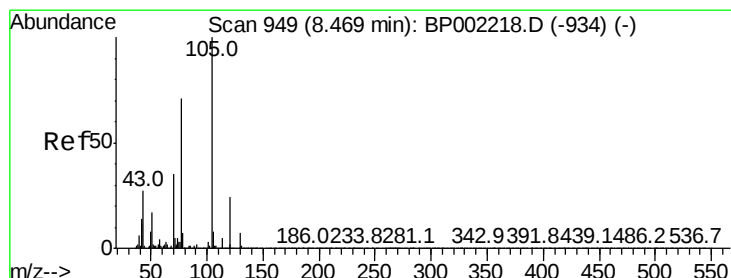
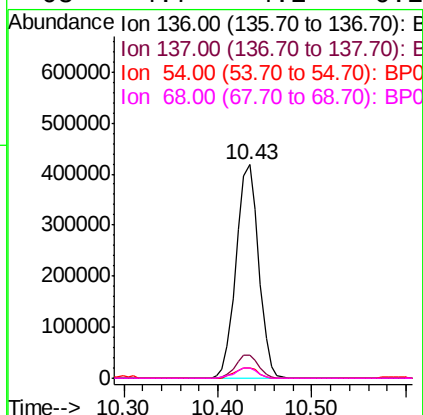
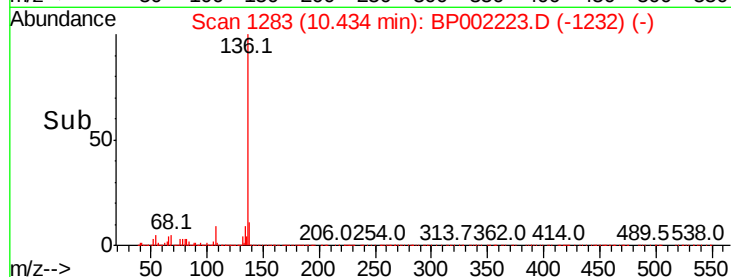
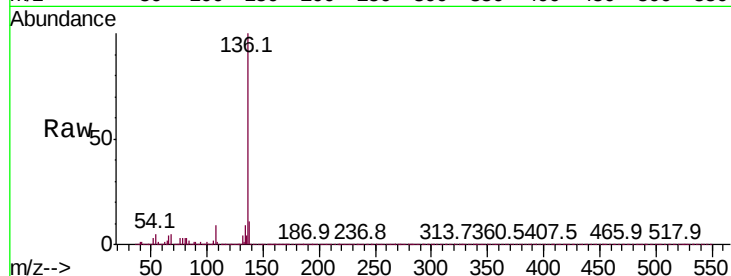




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

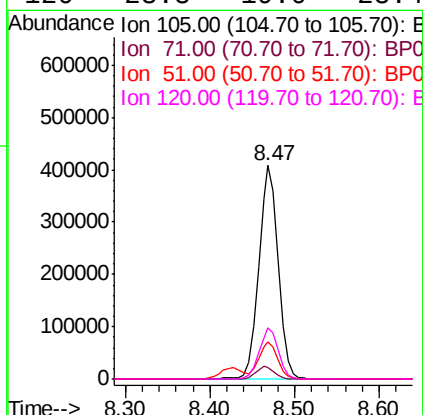
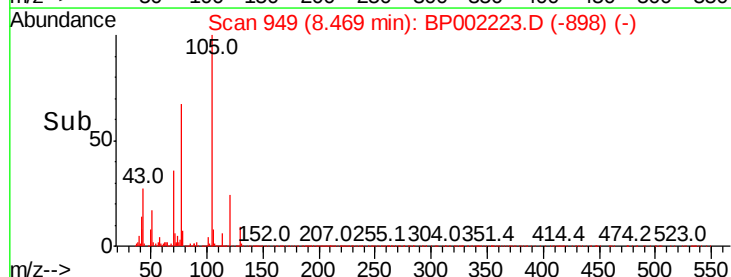
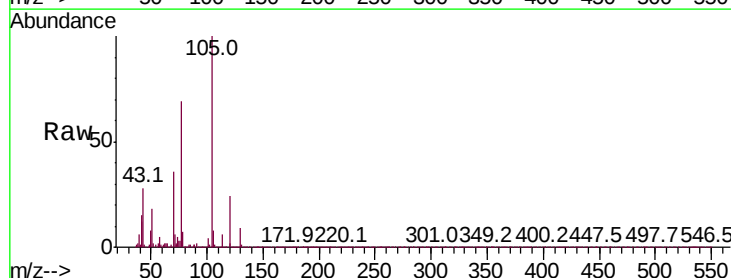
Instrument :
BNA_P
ClientSampleId :

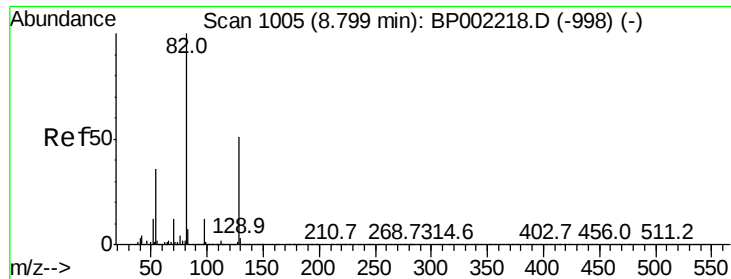
Tot Ion:	136	Resp:	696426
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	4.9	3.8	5.8
68	4.7	4.2	6.2



#22
Acetophenone
Concen: 41.152 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:	105	Resp:	655779
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.1	6.1
51	17.6	13.6	20.4
120	23.8	19.0	28.4

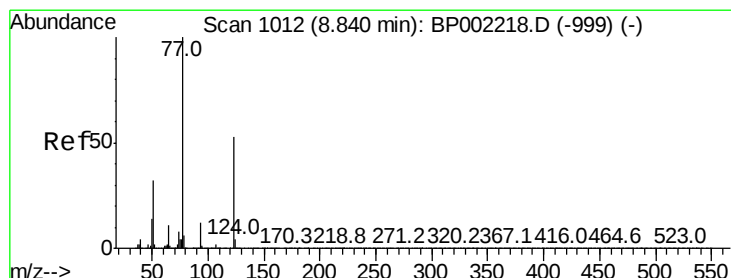
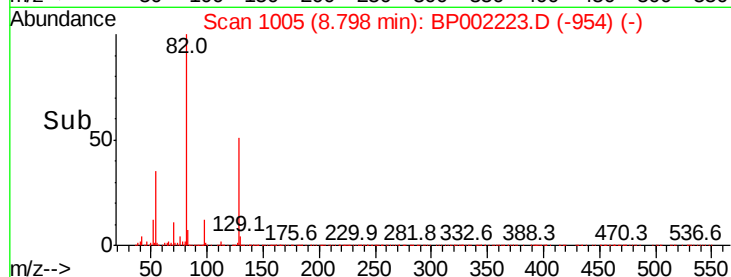
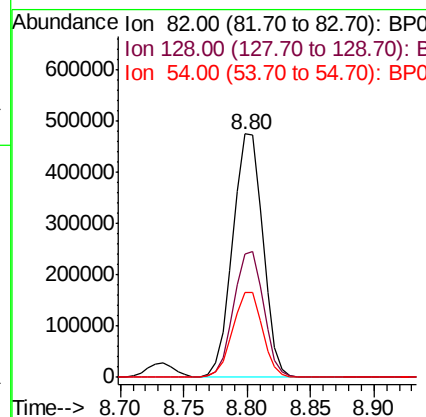
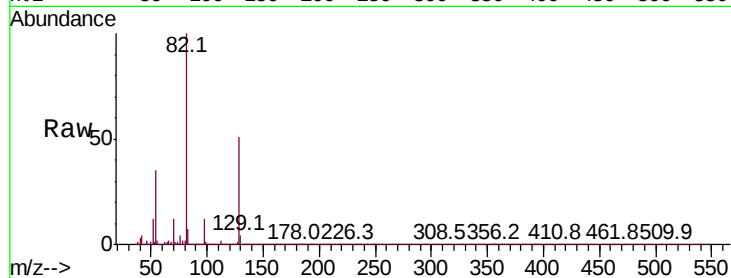




#23
Nitrobenzene-d5
Concen: 75.039 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

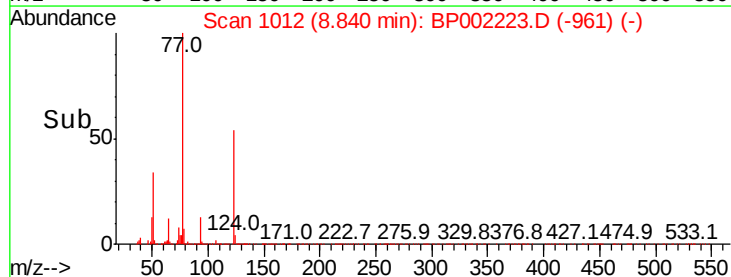
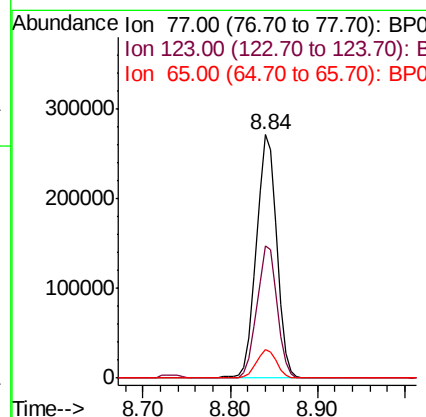
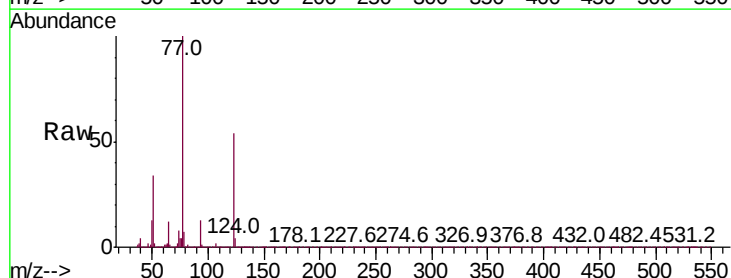
Instrument :
BNA_P
ClientSampleId :

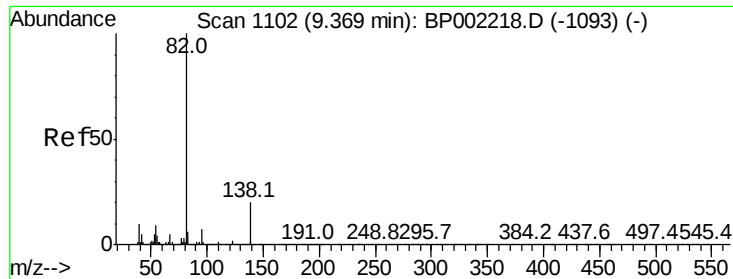
Tot Ion	82	Resp	783675
Ion Ratio	100	Lower	Upper
128	50.8	40.3	60.5
54	35.0	28.6	42.8



#24
Nitrobenzene
Concen: 38.599 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion	77	Resp	425256
Ion Ratio	100	Lower	Upper
123	54.4	42.6	64.0
65	11.7	9.1	13.7





#25

Isophorone

Concen: 37.553 ng

RT: 9.37 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

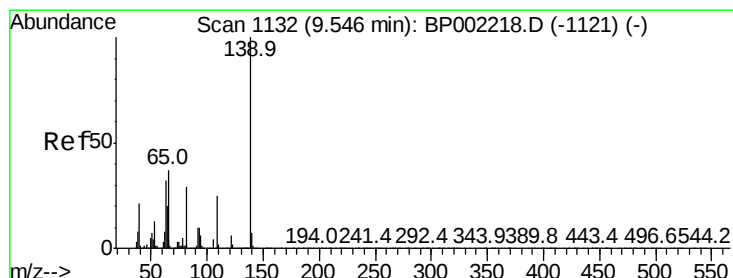
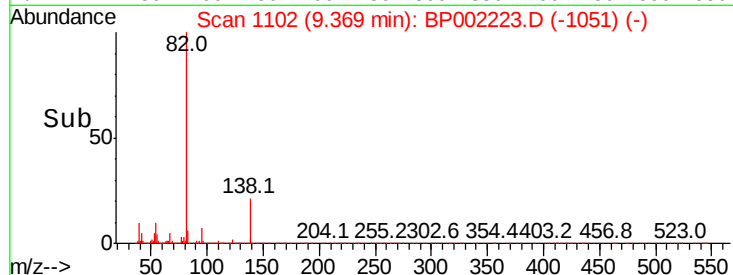
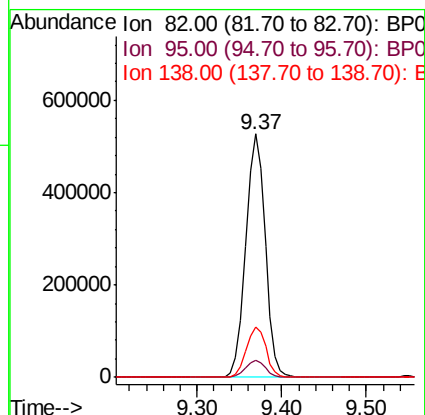
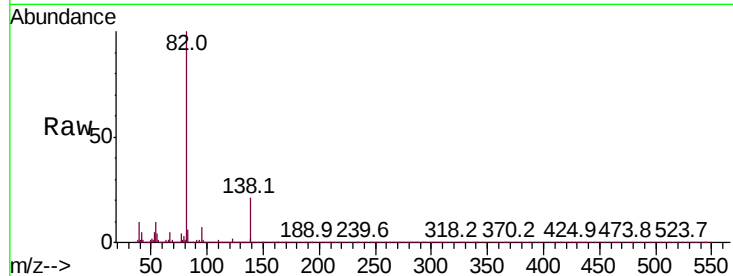
Tot Ion: 82 Resp: 839840

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 20.9 16.0 24.0



#26

2-Nitrophenol

Concen: 43.392 ng

RT: 9.55 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

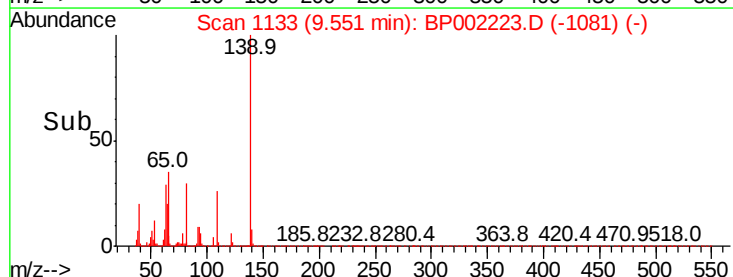
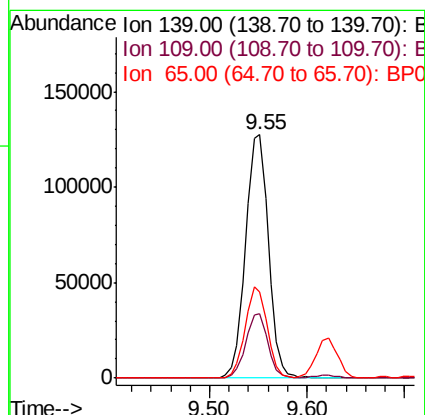
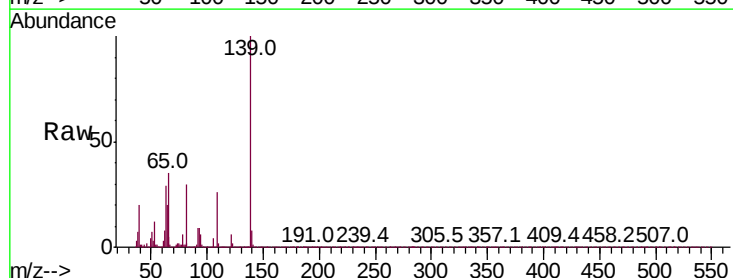
Tgt Ion: 139 Resp: 209310

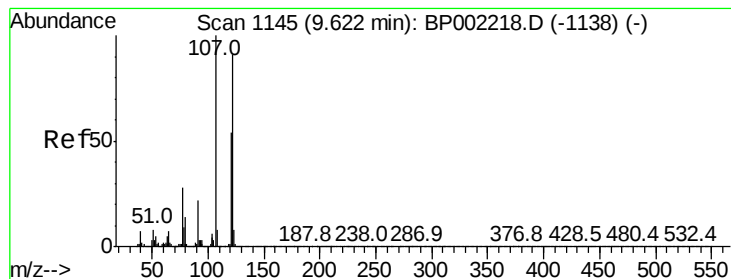
Ion Ratio Lower Upper

139 100

109 26.5 20.0 30.0

65 35.2 30.0 45.0





#27

2,4-Dimethylphenol

Concen: 42.150 ng

RT: 9.62 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

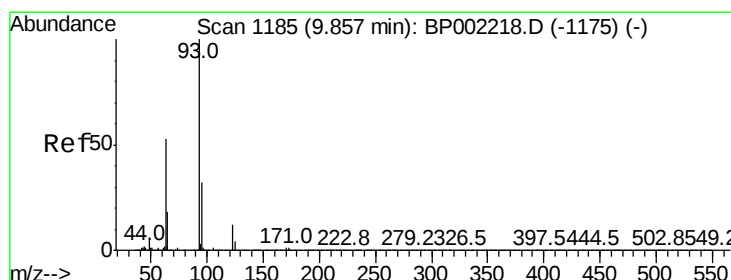
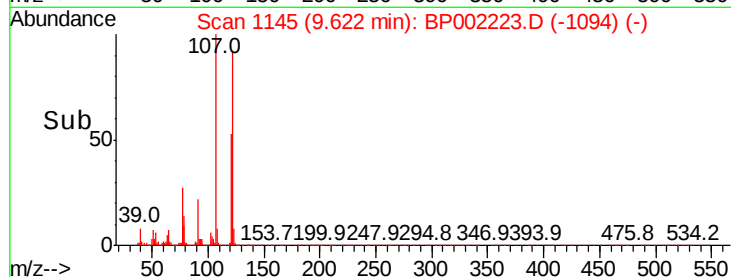
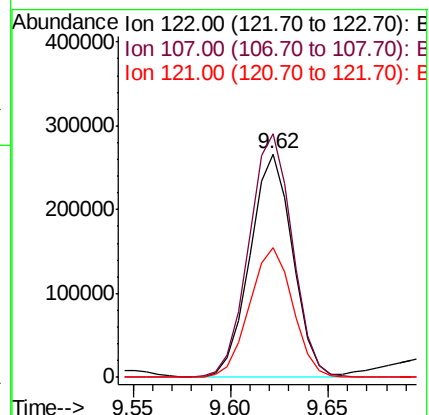
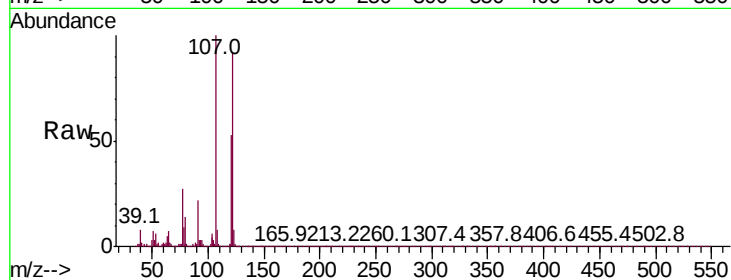
Tot Ion:122 Resp: 404870

Ion Ratio Lower Upper

122 100

107 108.9 87.8 131.8

121 57.7 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.656 ng

RT: 9.86 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

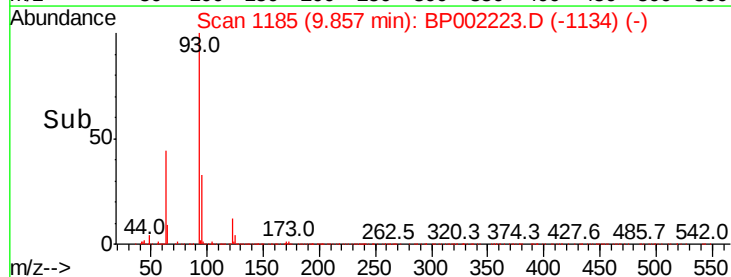
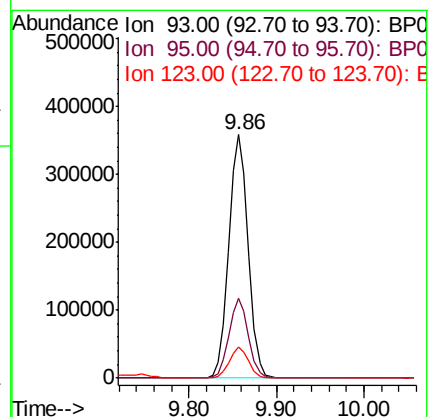
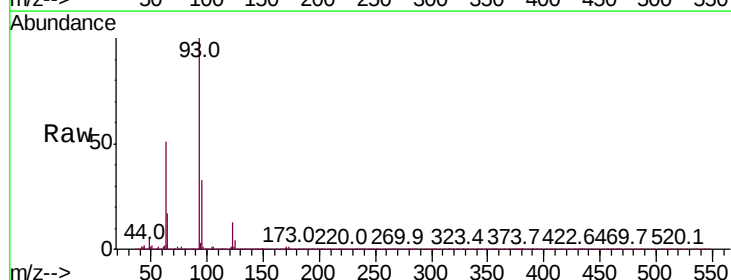
Tgt Ion: 93 Resp: 544615

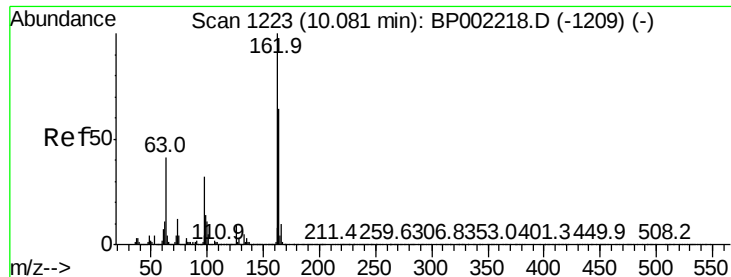
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 12.5 9.8 14.8

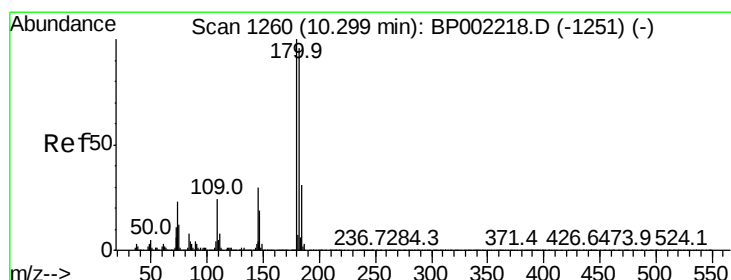
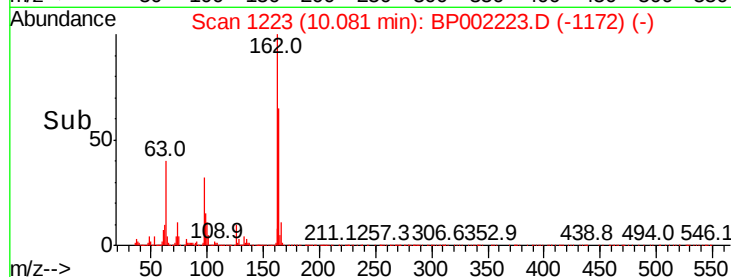
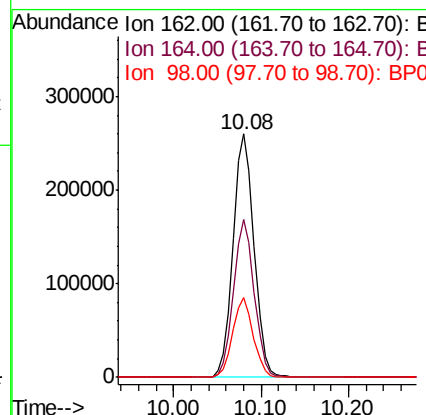
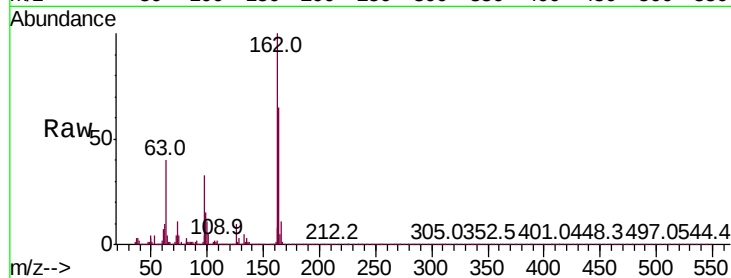




#29
2,4-Dichlorophenol
Concen: 40.234 ng
RT: 10.08 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

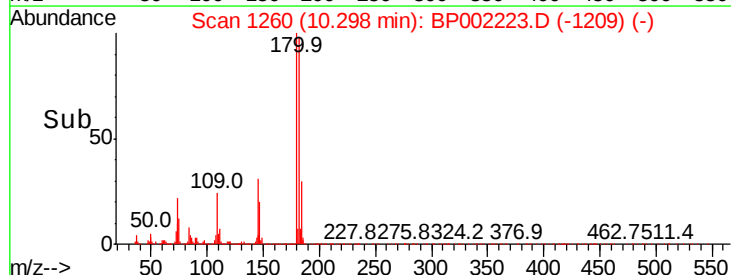
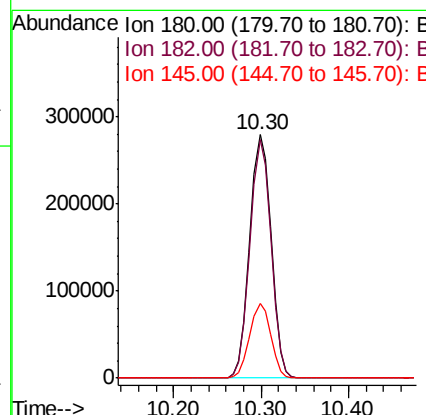
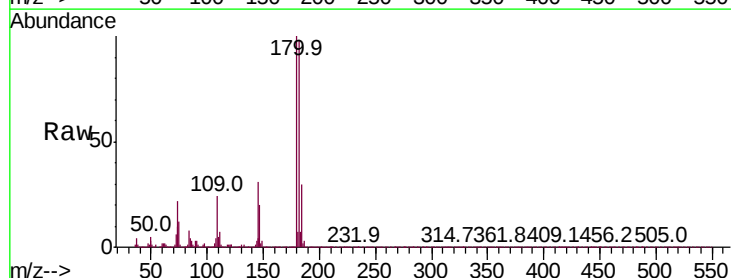
Instrument :
BNA_P
ClientSampleId :

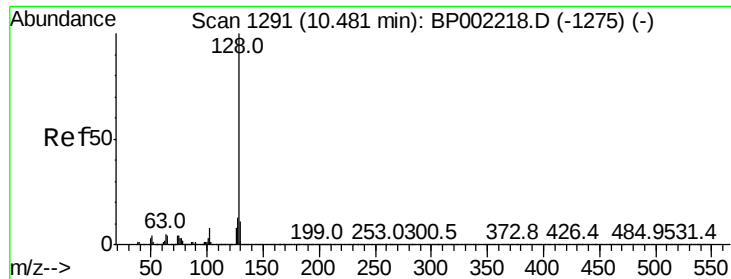
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	32.5	12.3	52.3



#30
1,2,4-Trichlorobenzene
Concen: 38.184 ng
RT: 10.30 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.8	115.2
145	30.9	23.8	35.6

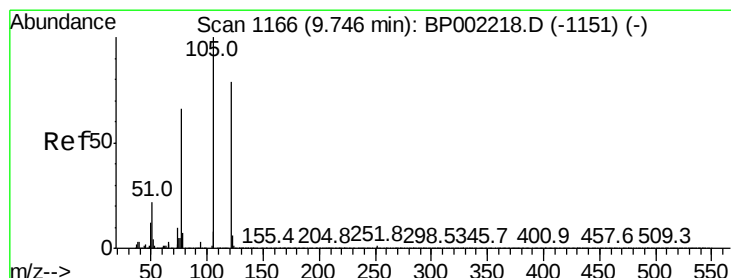
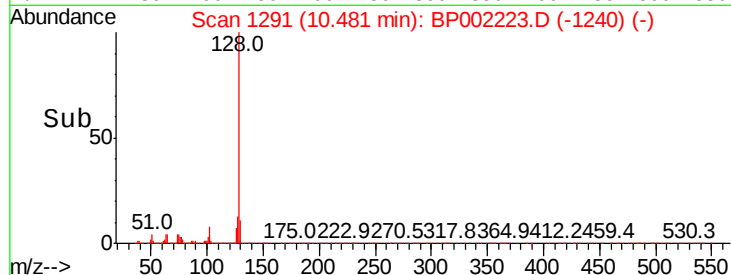
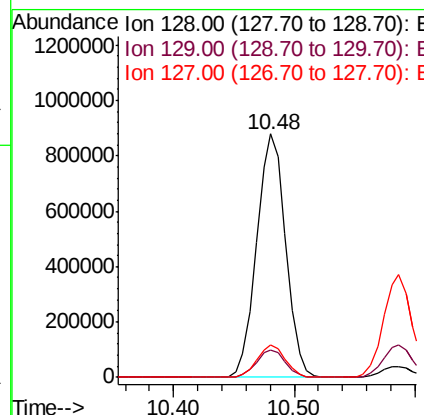
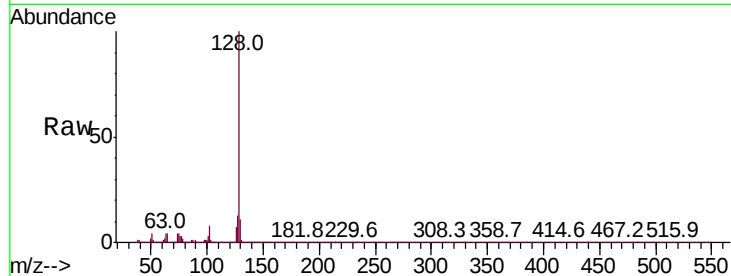




#31
Naphthalene
Concen: 38.334 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

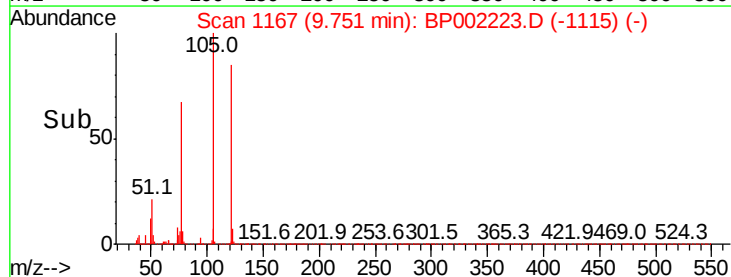
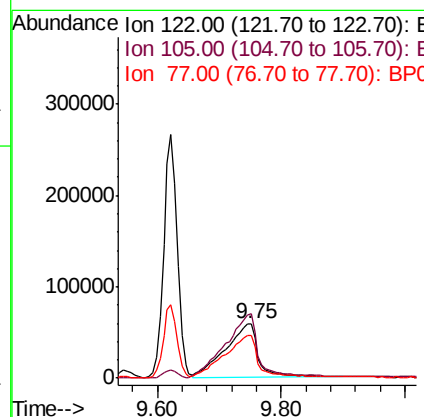
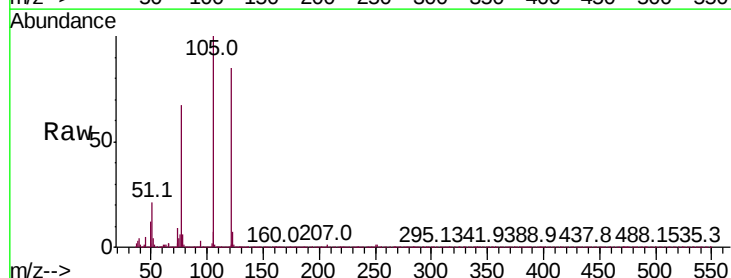
Instrument :
BNA_P
ClientSampled :

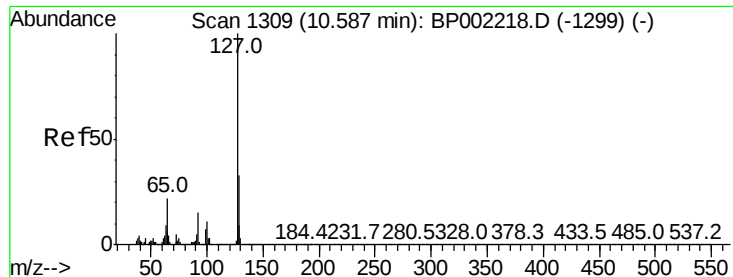
Tot Ion:128 Resp: 1462821
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 42.713 ng
RT: 9.75 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:122 Resp: 218240
Ion Ratio Lower Upper
122 100
105 117.8 98.8 138.8
77 78.9 61.4 101.4





#33

4-Chloroaniline

Concen: 39.196 ng

RT: 10.59 min Scan# 1309

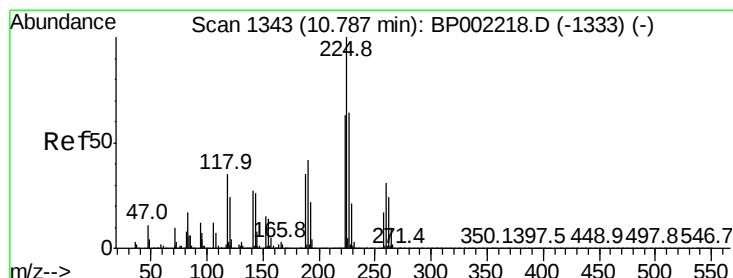
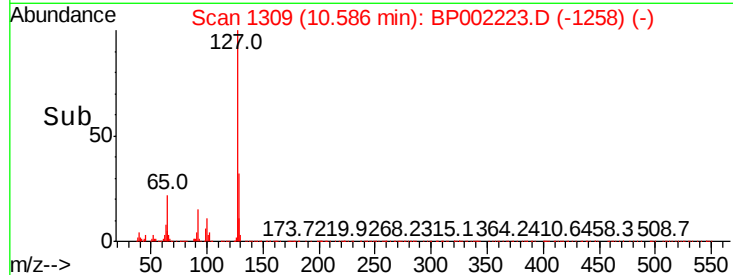
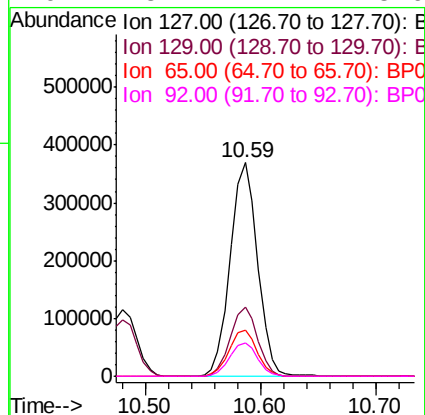
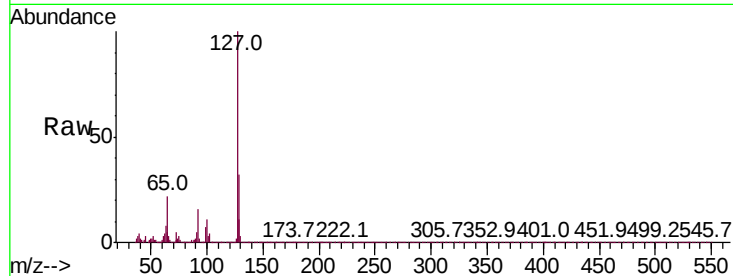
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	606152
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	21.7	17.8	26.8
92	15.7	12.4	18.6



#34

Hexachlorobutadiene

Concen: 37.399 ng

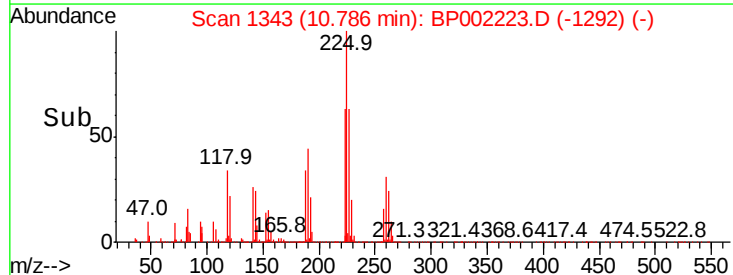
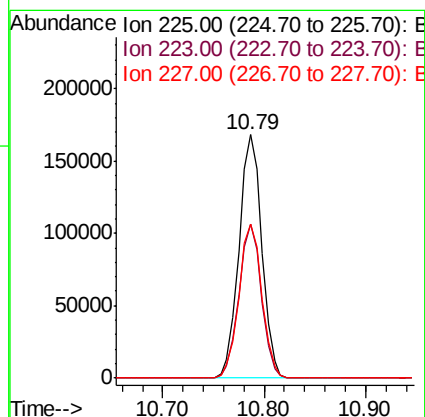
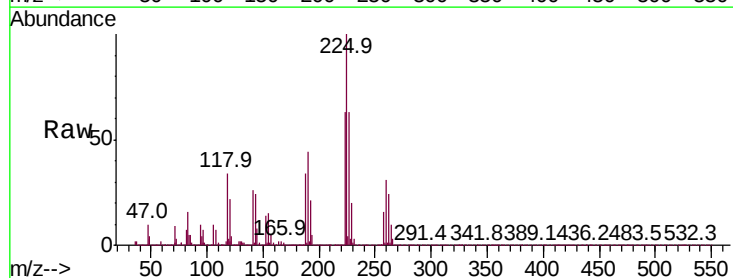
RT: 10.79 min Scan# 1343

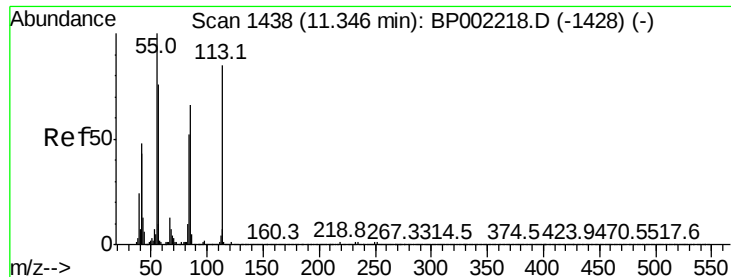
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:	225	Resp:	261971
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	75.8
227	63.0	51.3	76.9





#35

Caprolactam

Concen: 46.985 ng

RT: 11.35 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

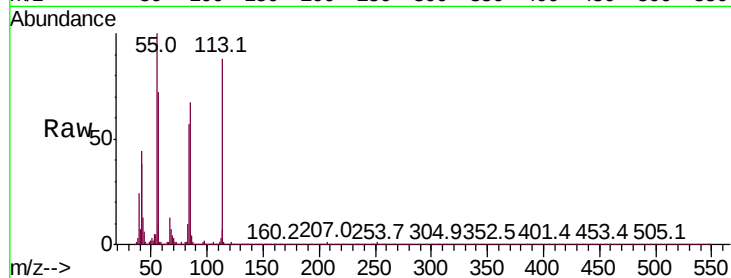
Tot Ion:113 Resp: 119445

Ion Ratio Lower Upper

113 100

55 113.9 97.5 137.5

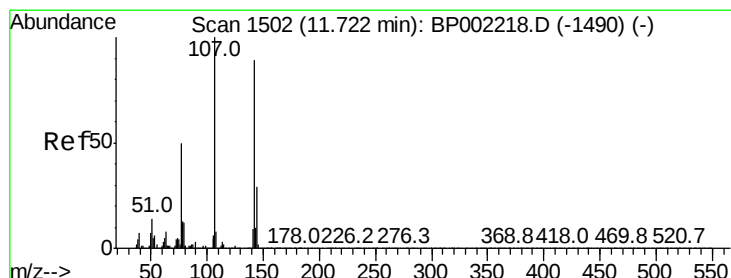
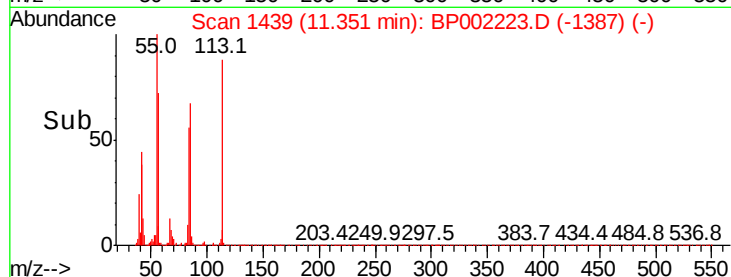
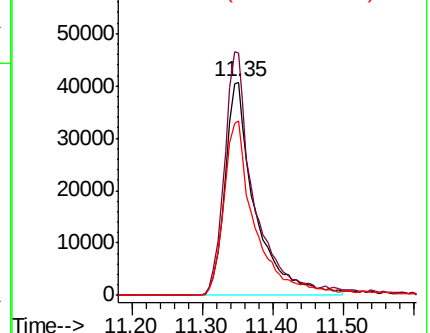
56 81.7 68.7 108.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 39.865 ng

RT: 11.72 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

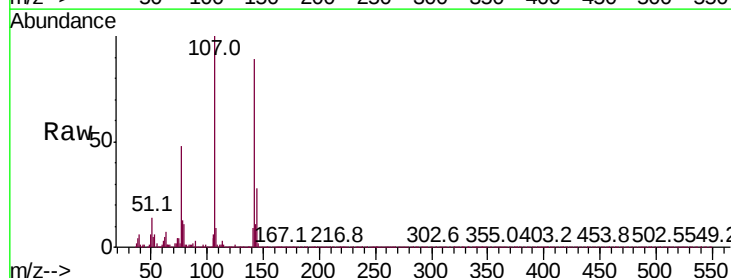
Tgt Ion:107 Resp: 422105

Ion Ratio Lower Upper

107 100

144 28.2 23.0 34.6

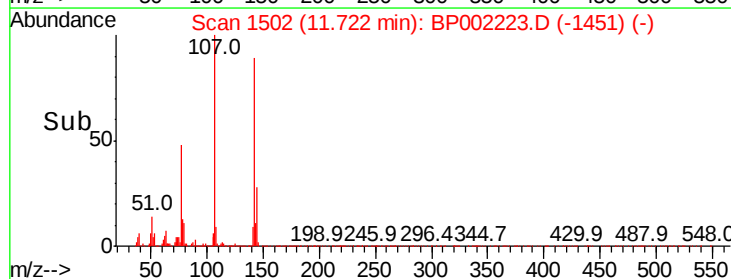
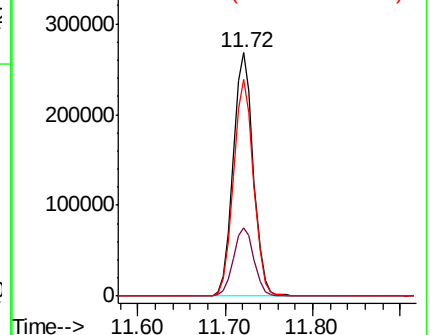
142 88.8 70.9 106.3

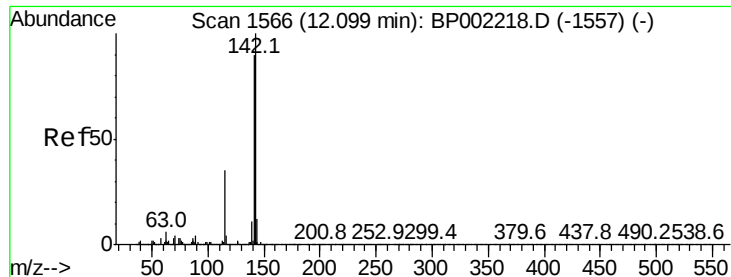


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

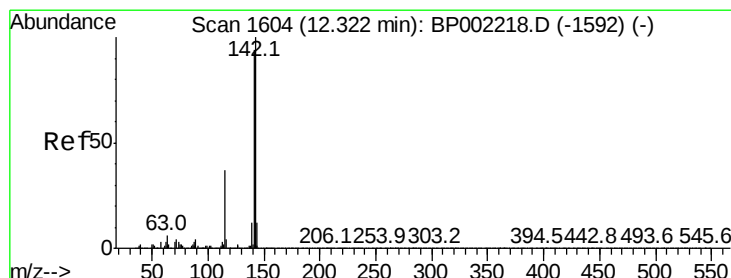
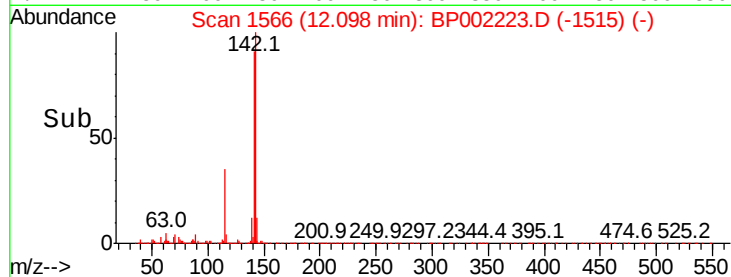
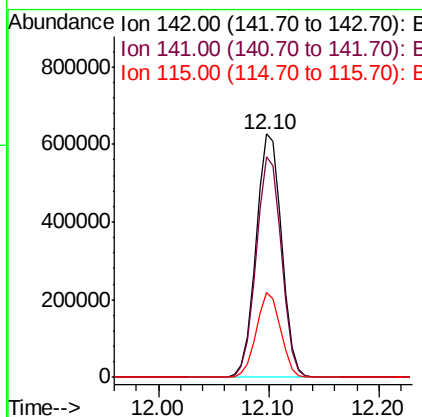
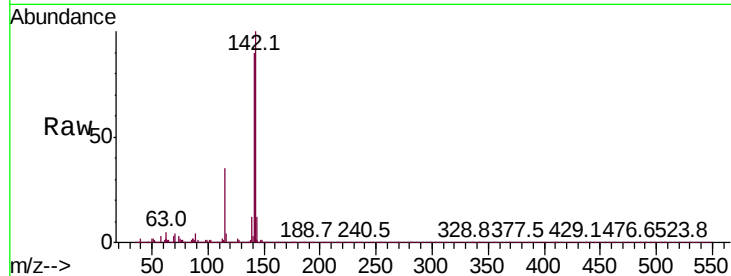




#37
2-Methylnaphthalene
Concen: 38.638 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

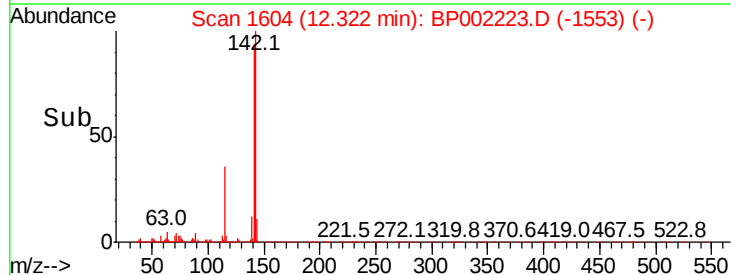
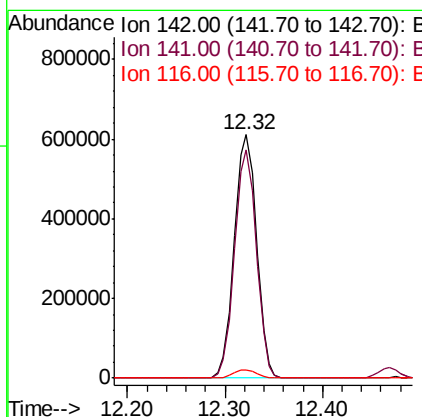
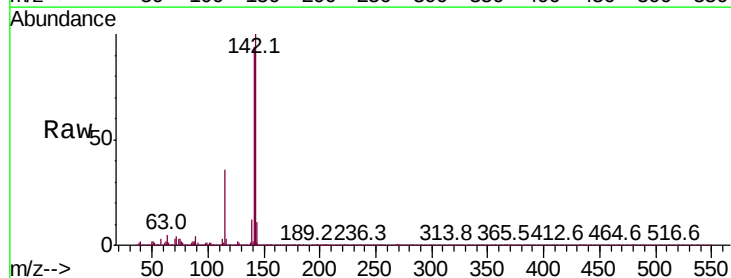
Instrument :
BNA_P
ClientSampleId :

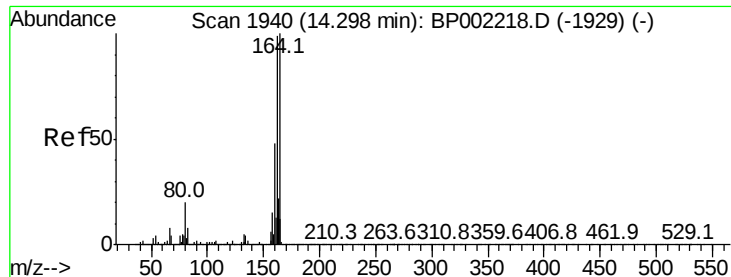
Tot Ion:142 Resp: 1017798
Ion Ratio Lower Upper
142 100
141 90.5 72.4 108.6
115 34.8 27.8 41.6



#38
1-Methylnaphthalene
Concen: 38.625 ng
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:142 Resp: 968676
Ion Ratio Lower Upper
142 100
141 93.7 74.9 112.3
116 3.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

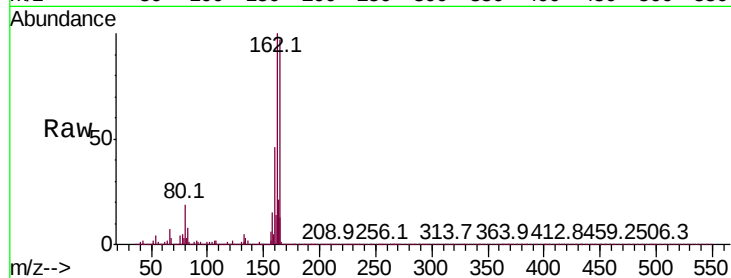
Tot Ion:164 Resp: 403510

Ion Ratio Lower Upper

164 100

162 103.6 79.0 118.6

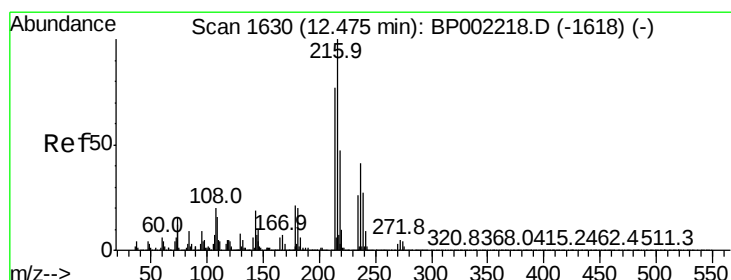
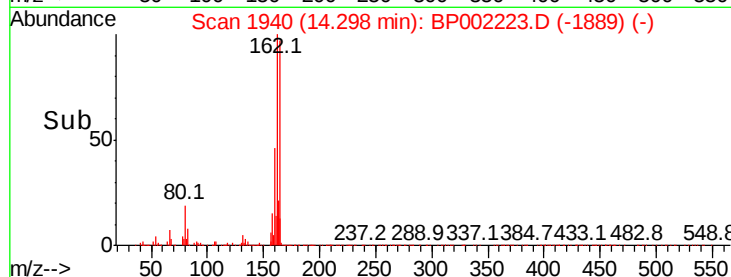
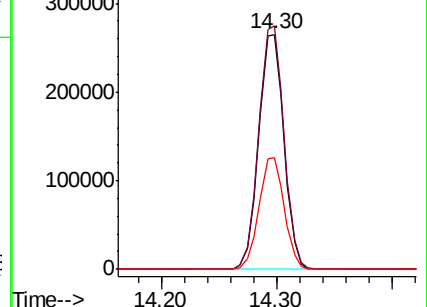
160 47.6 38.4 57.6



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: 41.256 ng

RT: 12.47 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:216 Resp: 507712

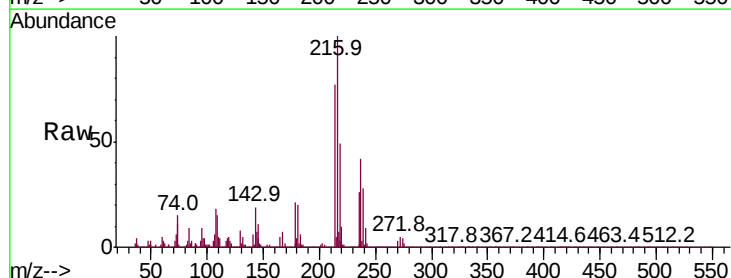
Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.4

179 20.6 16.6 25.0

108 18.7 15.8 23.8

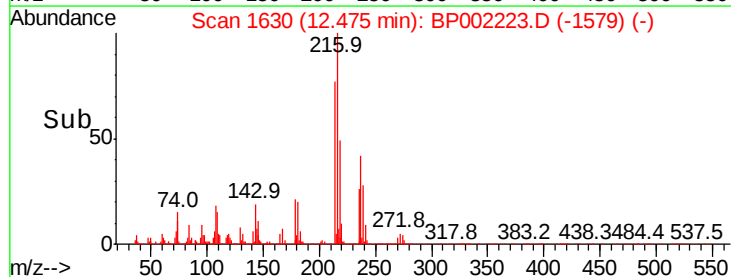
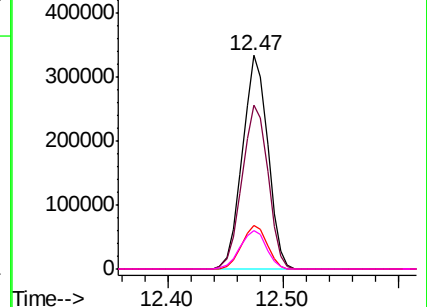


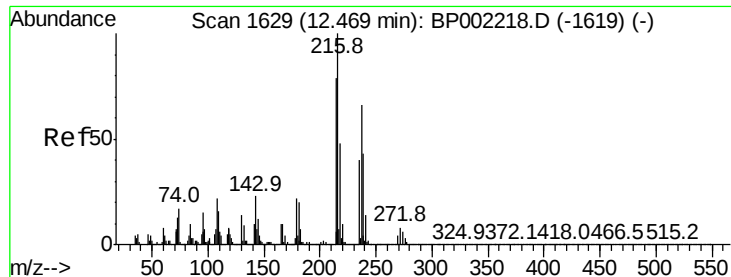
Abundance Ion 216.00 (215.70 to 216.70): E

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

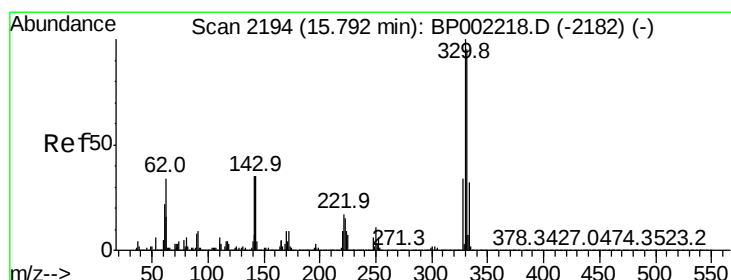
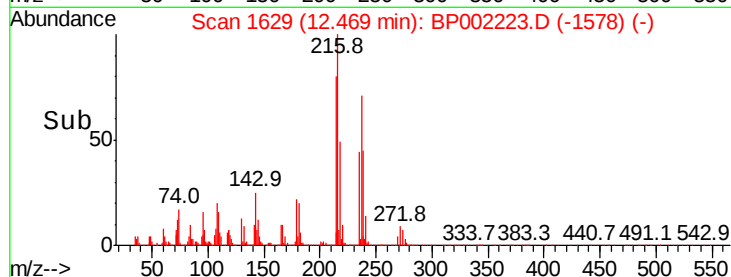
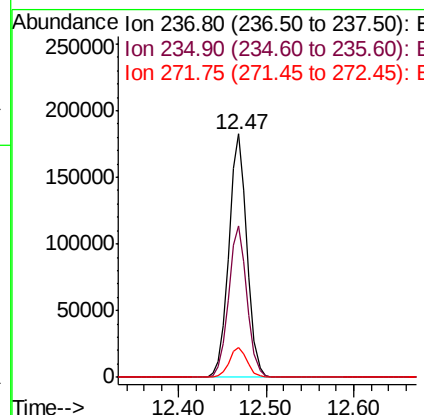
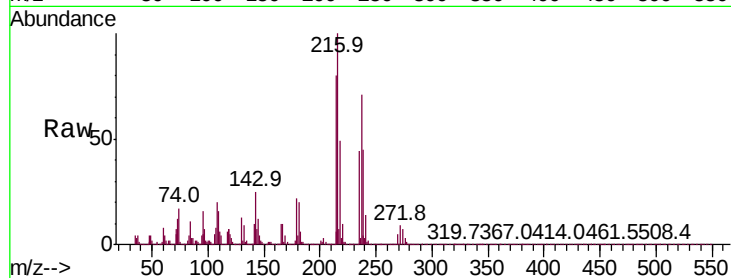




#41
Hexachlorocyclopentadiene
Concen: 43.845 ng
RT: 12.47 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

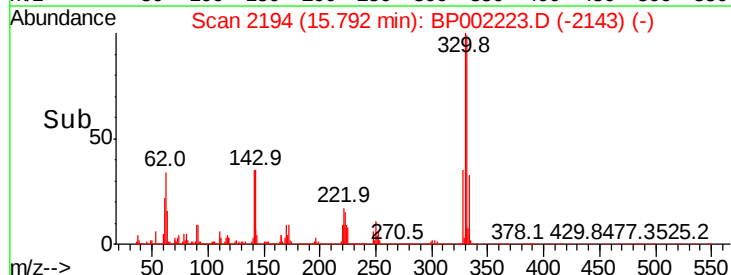
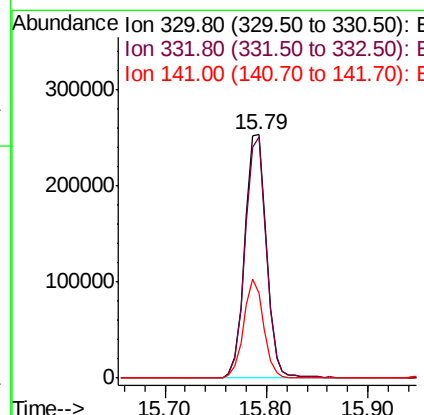
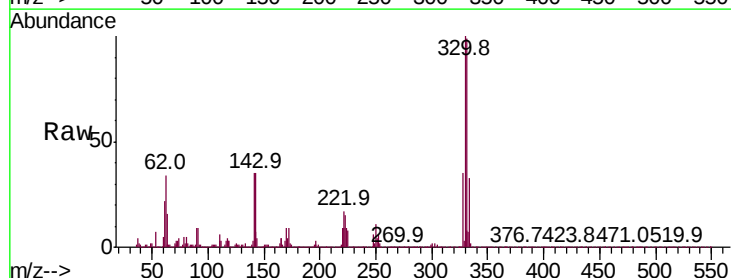
Instrument :
BNA_P
ClientSampled :

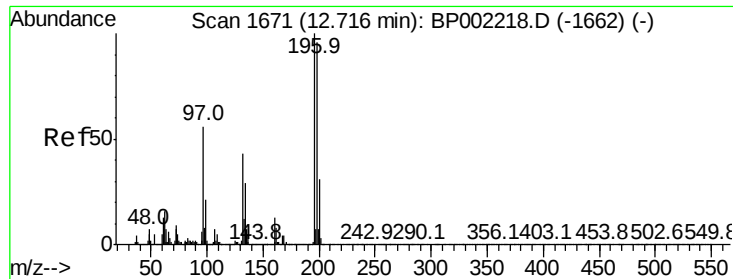
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.1	81.1
272	12.0	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 78.579 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	37.7	31.5	47.3





#43

2,4,6-Trichlorophenol

Concen: 40.376 ng

RT: 12.72 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BP002223.D

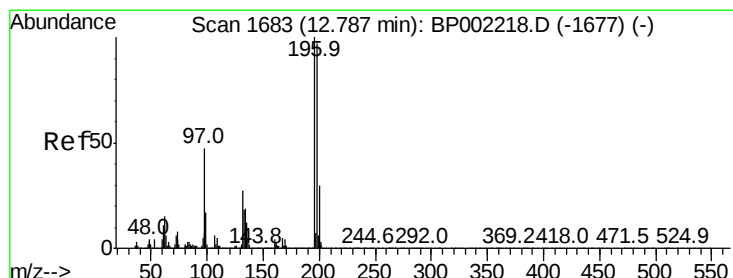
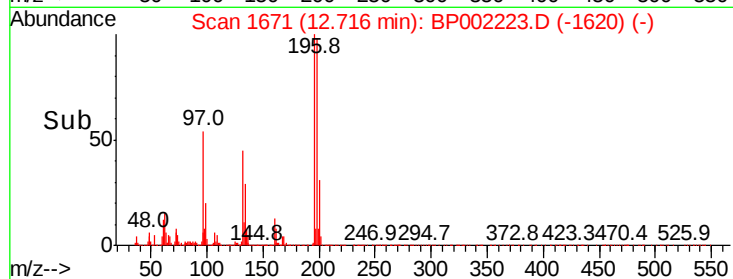
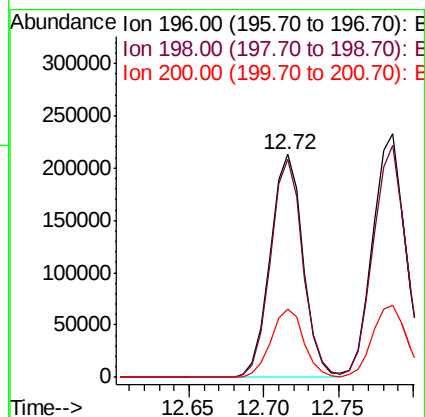
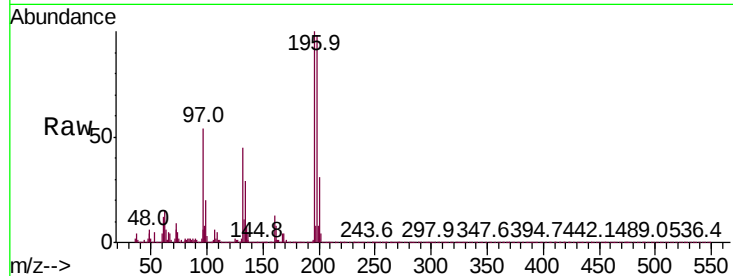
Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	196	Resp:	325247
Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.9	115.3
200	30.9	24.9	37.3



#44

2,4,5-Trichlorophenol

Concen: 37.567 ng

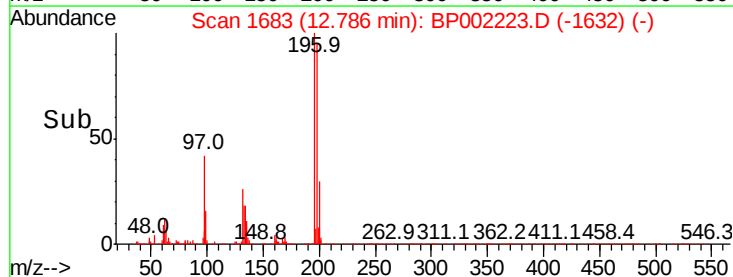
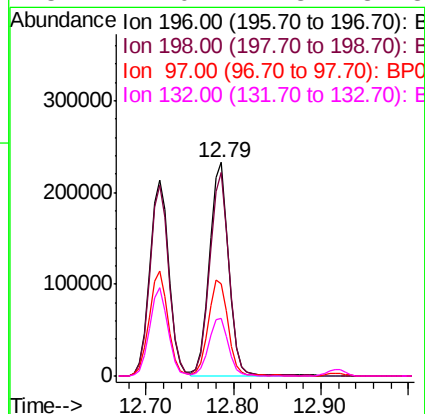
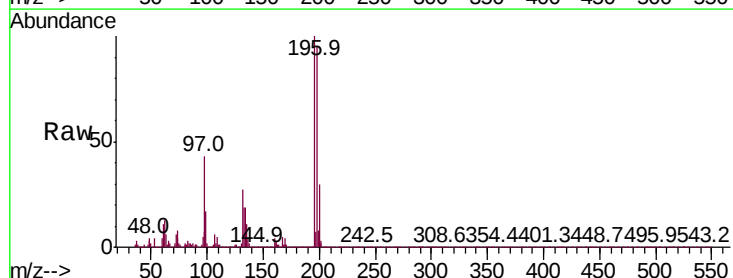
RT: 12.79 min Scan# 1683

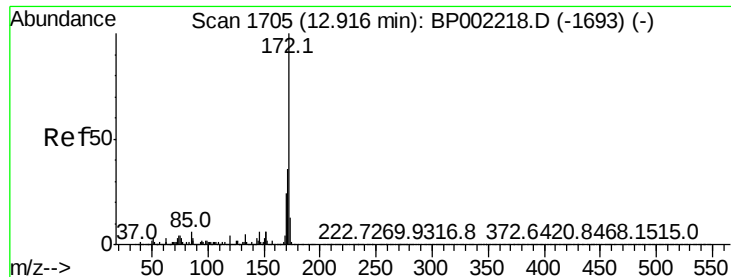
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:	196	Resp:	356050
Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.3	115.9
97	43.4	37.5	56.3
132	27.0	21.8	32.8



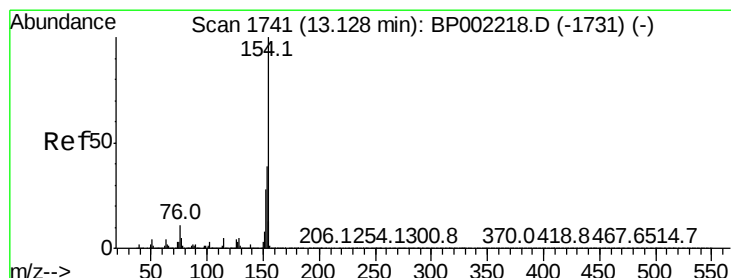
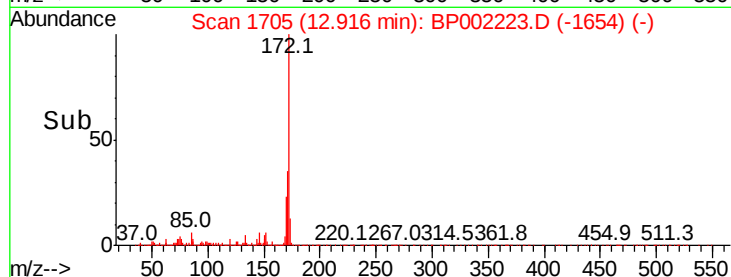
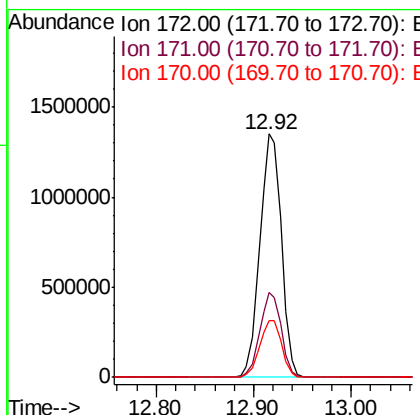
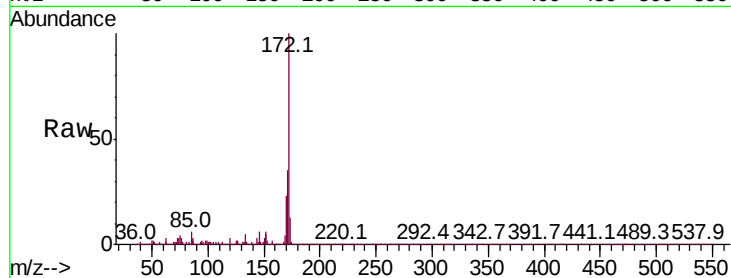


#45
 2-Fluorobiphenyl
 Concen: 75.299 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:172 Resp: 2101220

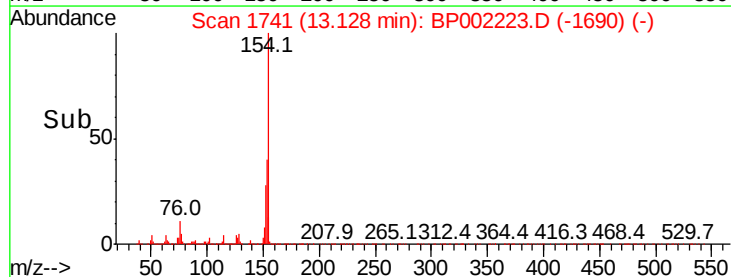
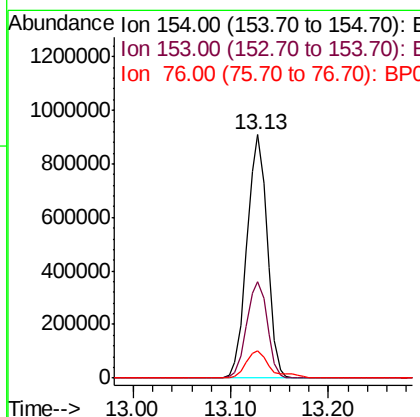
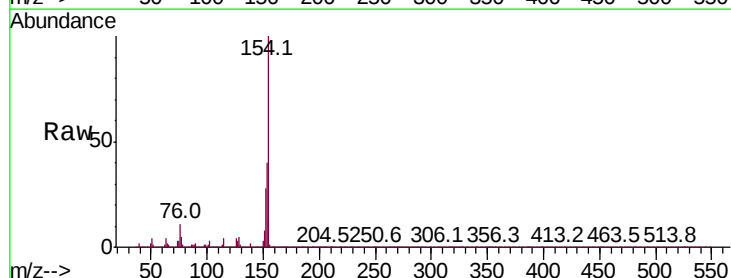
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.4	19.5	29.3

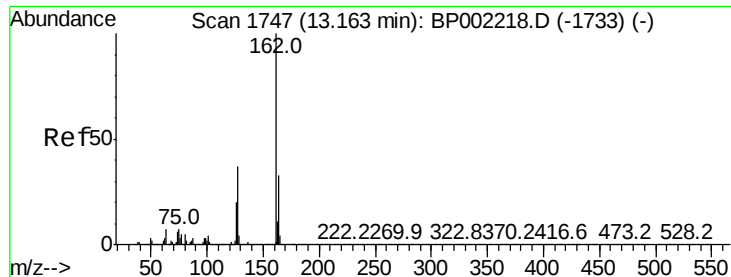


#46
 1,1'-Biphenyl
 Concen: 39.591 ng
 RT: 13.13 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

Tgt Ion:154 Resp: 1320574

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.3	59.3
76	11.1	0.0	30.9

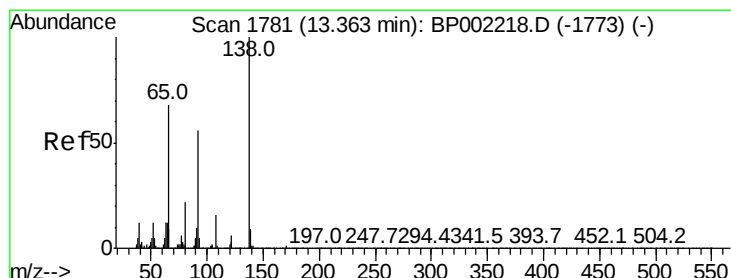
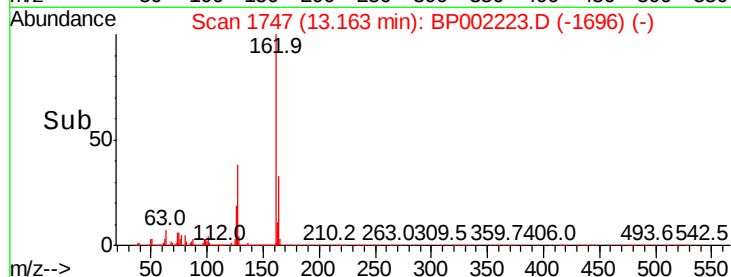
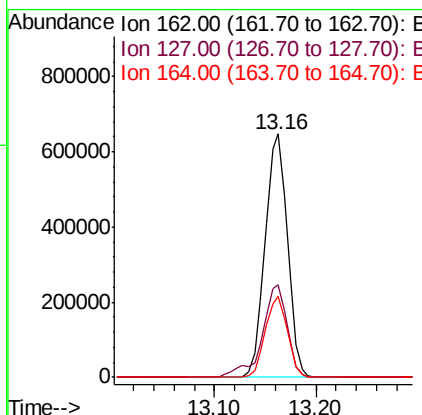
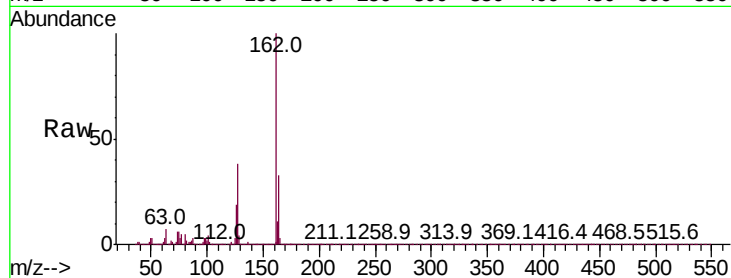




#47
2-Chloronaphthalene
Concen: 38.227 ng
RT: 13.16 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

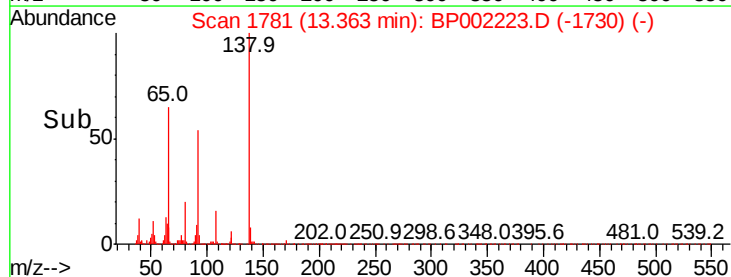
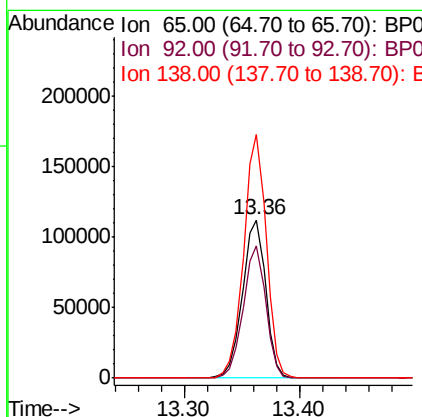
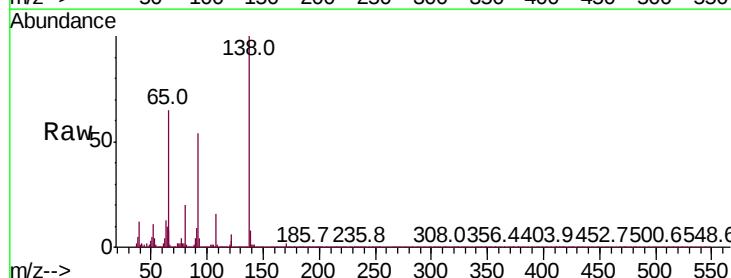
Instrument :
BNA_P
ClientSampleId :

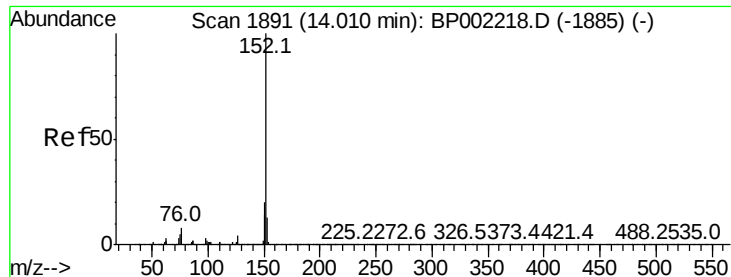
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.4	44.0
164	33.1	26.3	39.5



#48
2-Nitroaniline
Concen: 40.324 ng
RT: 13.36 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	83.6	65.5	98.3
138	154.0	116.9	175.3





#49

Acenaphthylene

Concen: 39.946 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

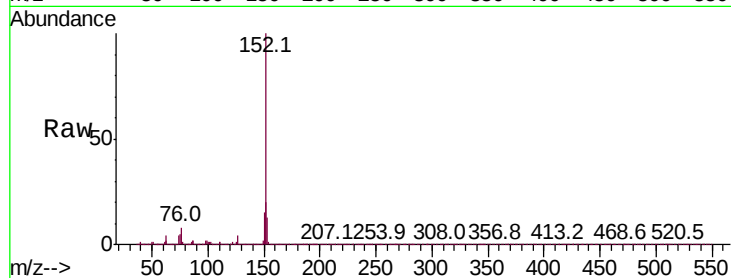
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1669819

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.2	10.6	16.0

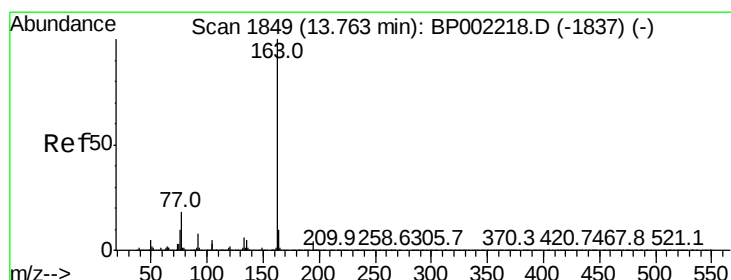
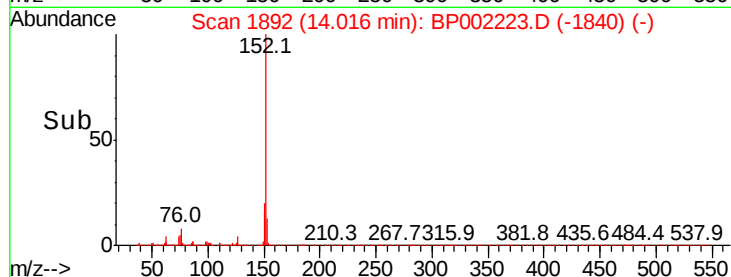
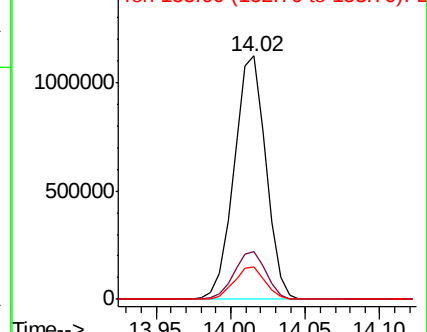


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.261 ng

RT: 13.76 min Scan# 1849

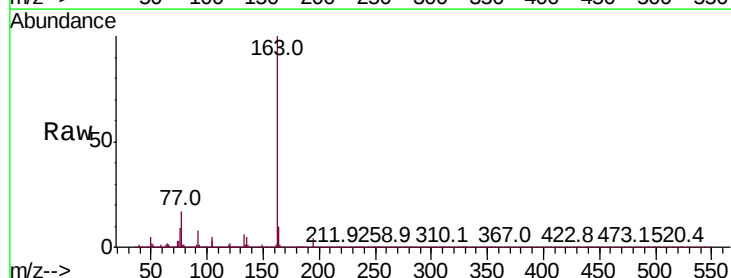
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:163 Resp: 1231169

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.2	8.2	12.4

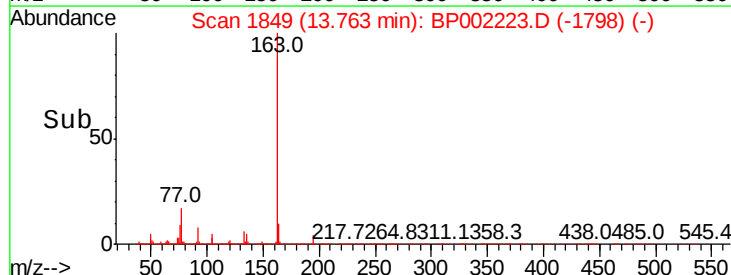
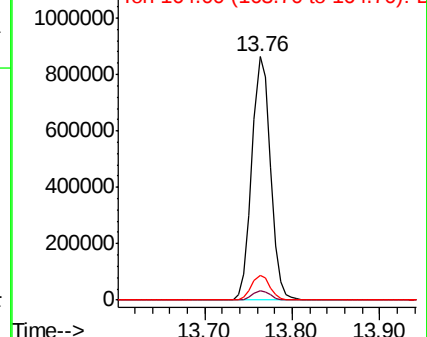


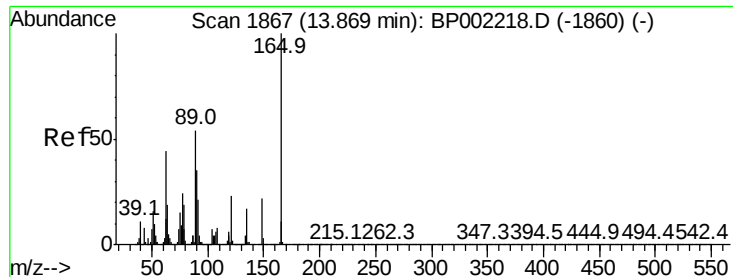
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

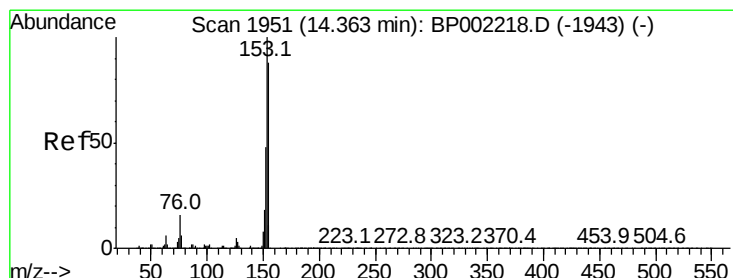
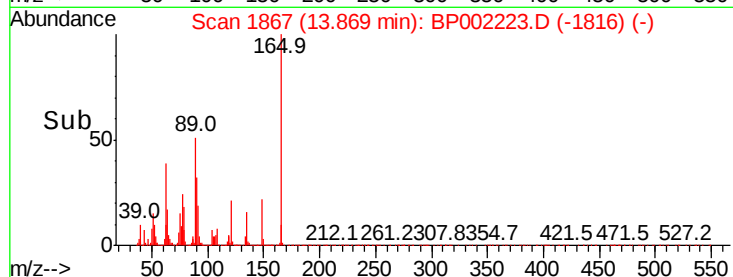
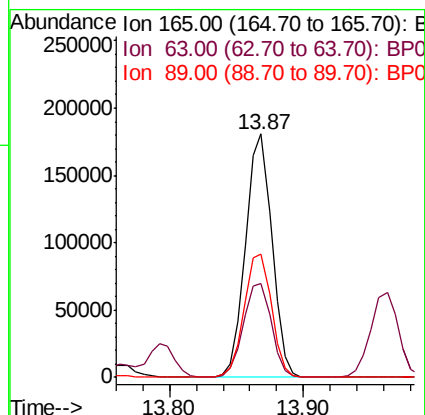
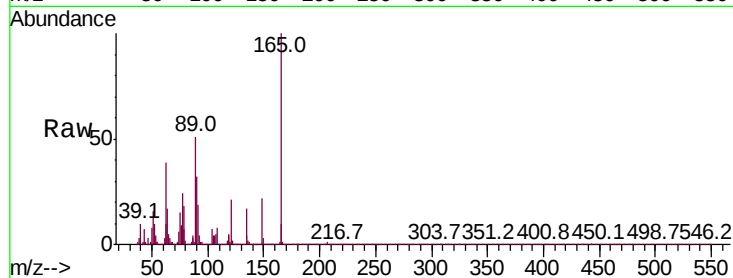




#51
2,6-Dinitrotoluene
Concen: 42.364 ng
RT: 13.87 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

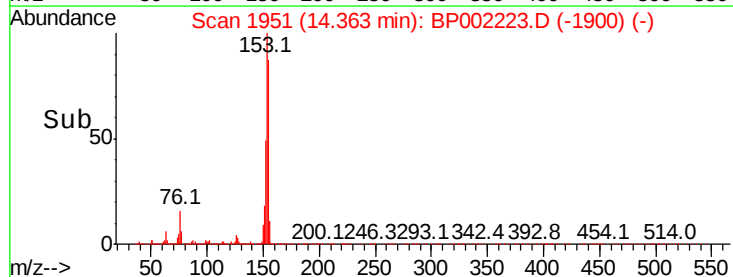
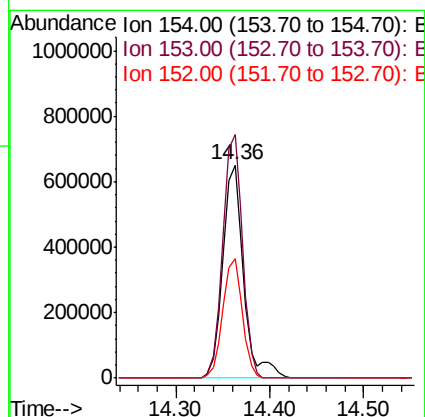
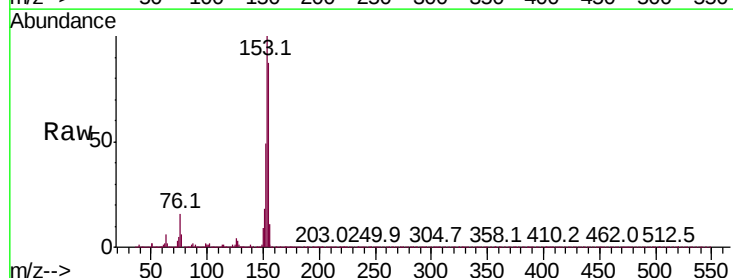
Instrument :
BNA_P
ClientSampled :

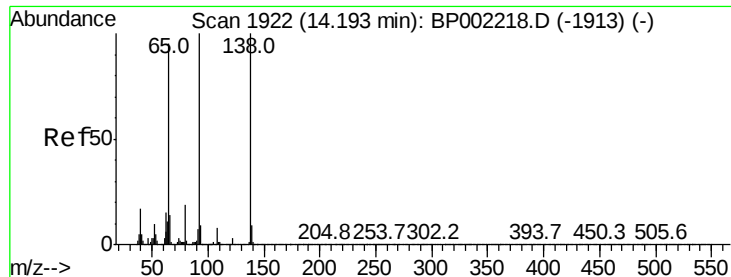
Tot Ion:165 Resp: 246291
Ion Ratio Lower Upper
165 100
63 38.8 35.0 52.4
89 50.7 43.4 65.2



#52
Acenaphthene
Concen: 38.730 ng
RT: 14.36 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:154 Resp: 1005523
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 56.0 43.9 65.9

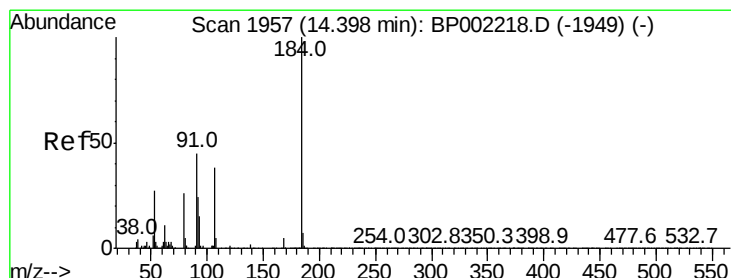
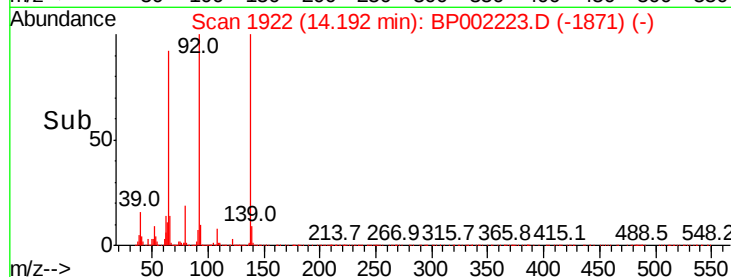
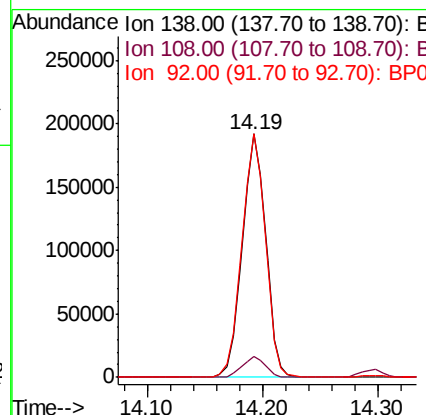
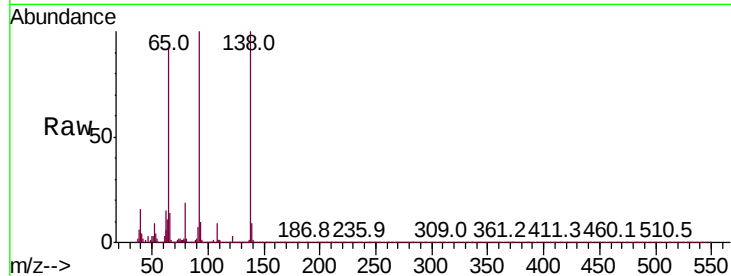




#53
3-Nitroaniline
Concen: 41.180 ng
RT: 14.19 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

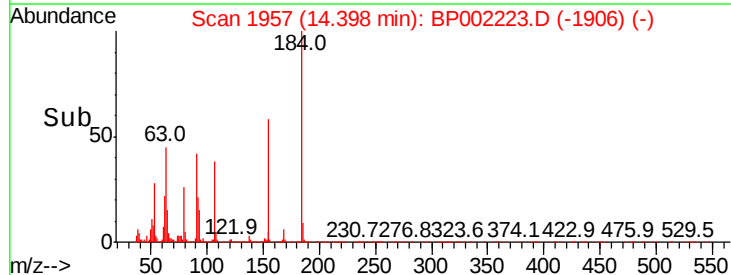
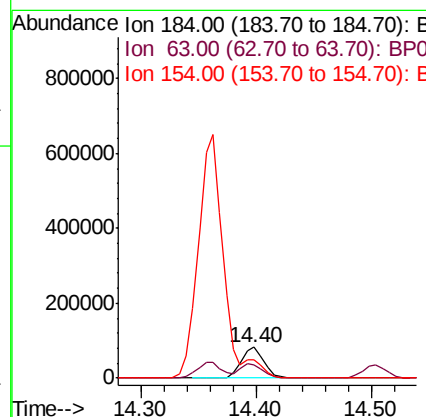
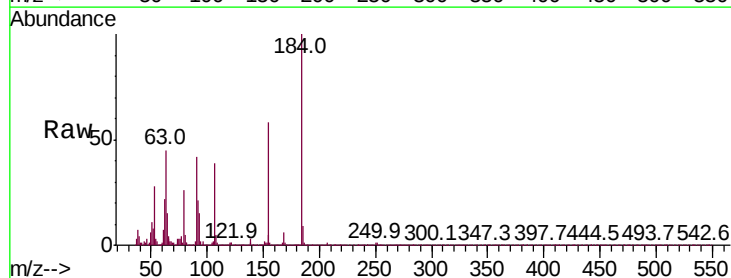
Instrument :
BNA_P
ClientSampled :

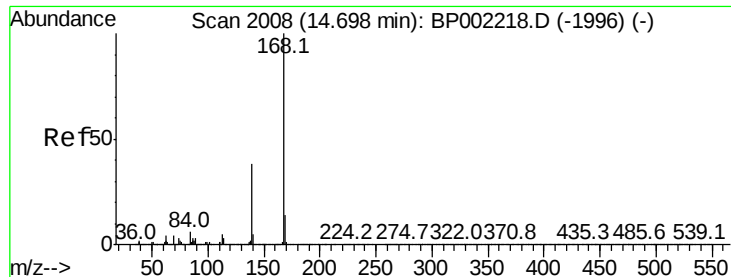
Tot Ion:138 Resp: 270067
Ion Ratio Lower Upper
138 100
108 8.6 6.6 10.0
92 99.9 79.8 119.8



#54
2,4-Dinitrophenol
Concen: 40.923 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:184 Resp: 112689
Ion Ratio Lower Upper
184 100
63 44.9 38.0 57.0
154 58.1 46.2 69.2

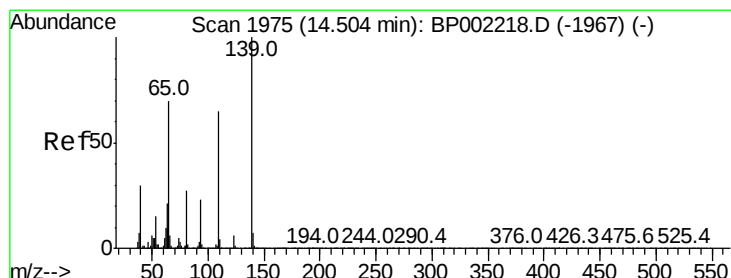
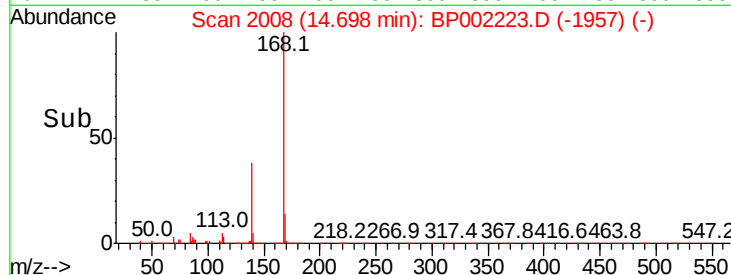
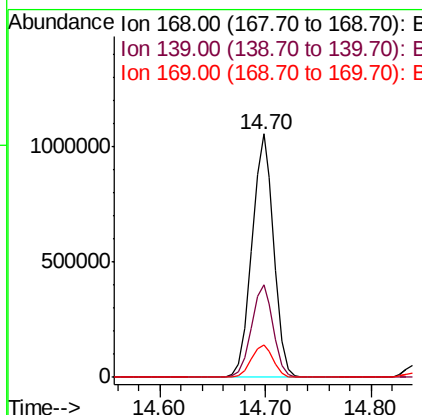
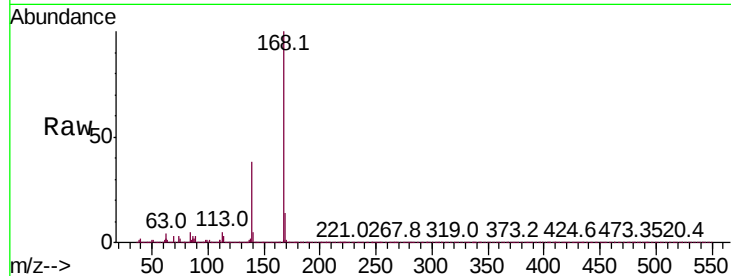




#55
Dibenzenofuran
Concen: 38.875 ng
RT: 14.70 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

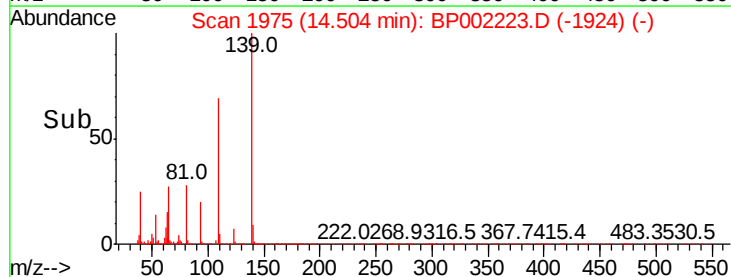
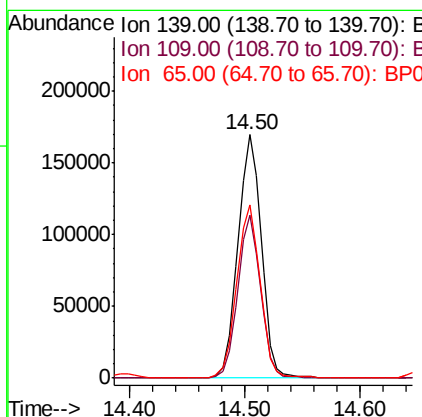
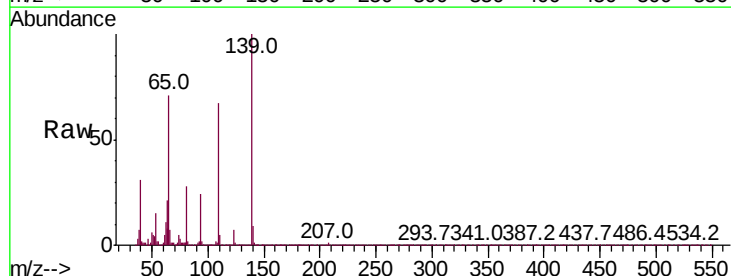
Instrument :
BNA_P
ClientSampleId :

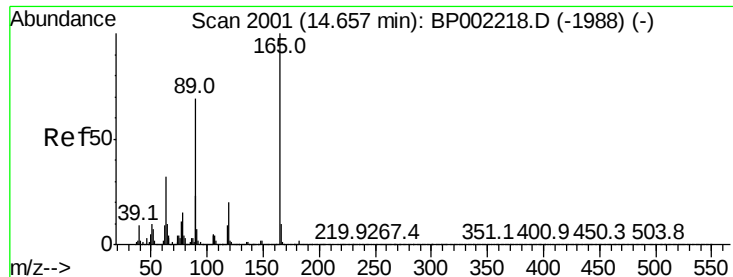
Tot Ion:168 Resp: 1510904
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 41.611 ng
RT: 14.50 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:139 Resp: 239566
Ion Ratio Lower Upper
139 100
109 66.7 44.6 84.6
65 70.9 50.2 90.2

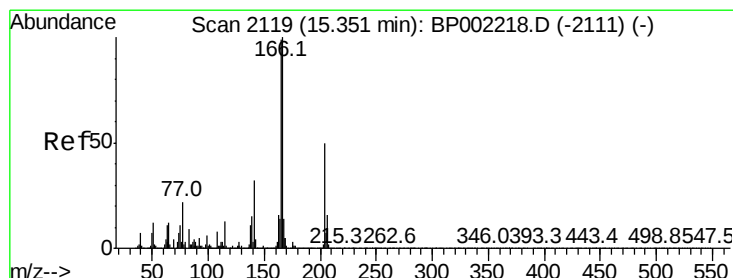
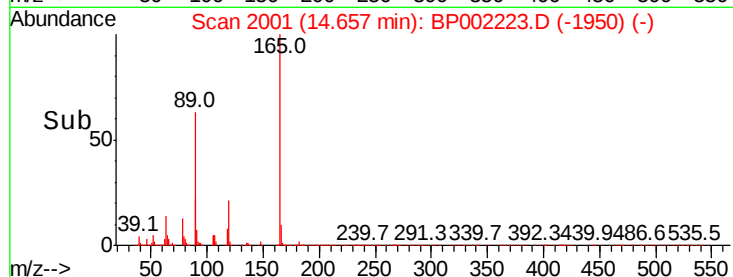
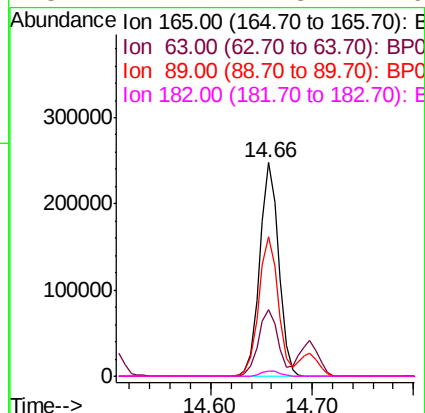
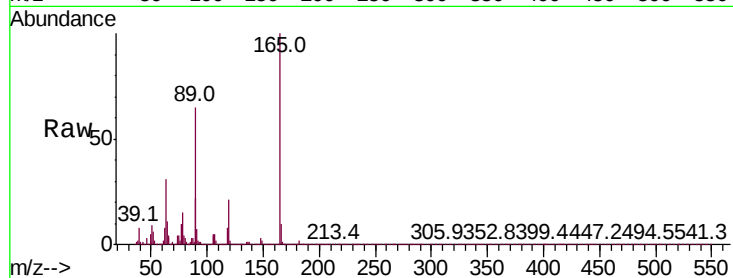




#57
2,4-Dinitrotoluene
Concen: 41.457 ng
RT: 14.66 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

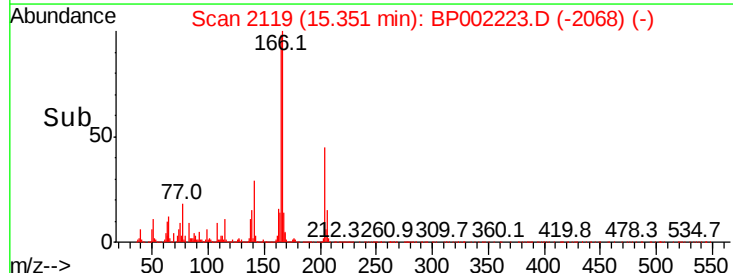
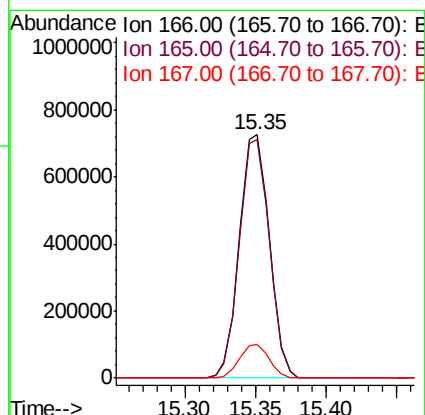
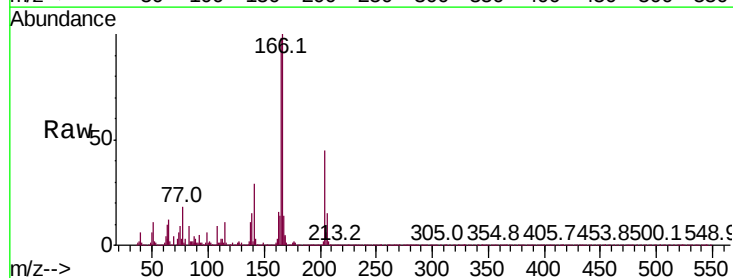
Instrument :
BNA_P
ClientSampleId :

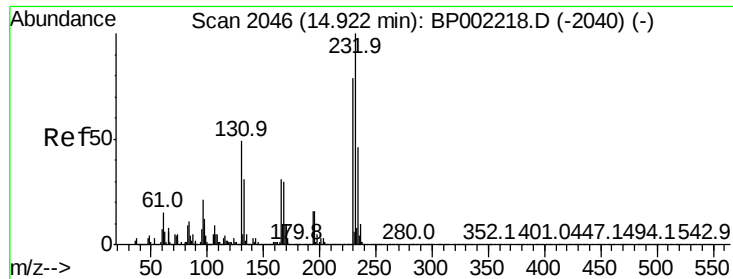
Tot Ion:165	Resp:	320908
Ion Ratio	Lower	Upper
165	100	
63	31.4	26.1 39.1
89	65.3	55.4 83.0
182	2.2	1.8 2.6



#58
Fluorene
Concen: 36.528 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:166	Resp:	1079122
Ion Ratio	Lower	Upper
166	100	
165	98.2	78.9 118.3
167	13.7	11.0 16.4

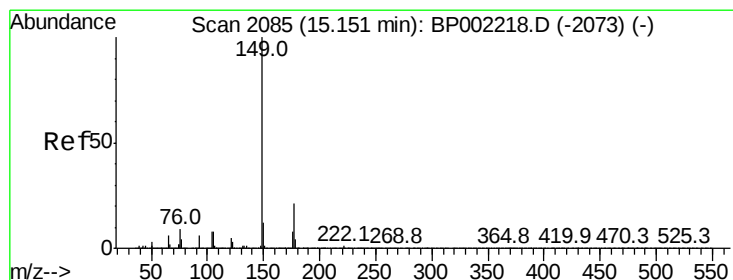
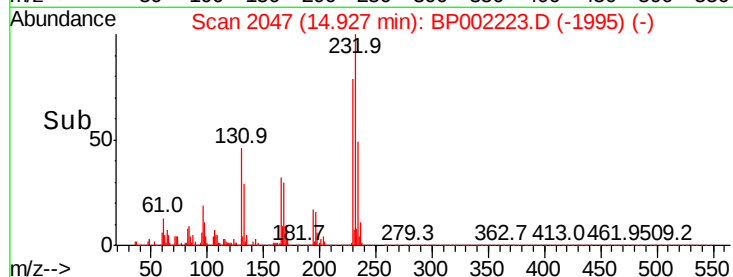
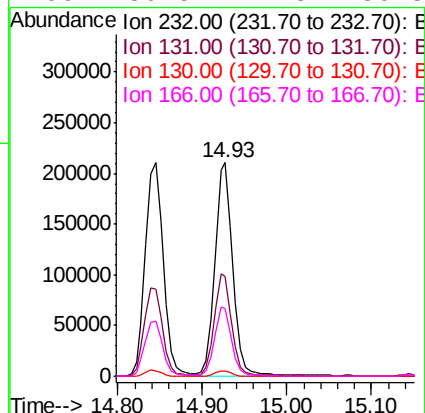
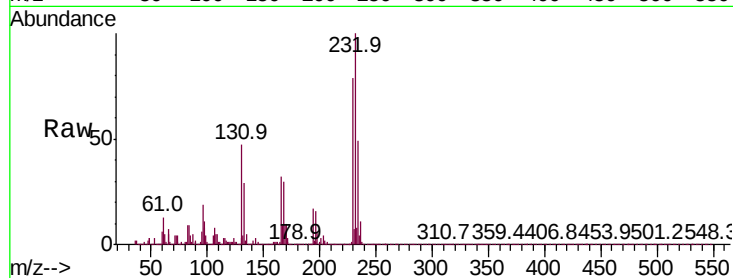




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.765 ng
RT: 14.93 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

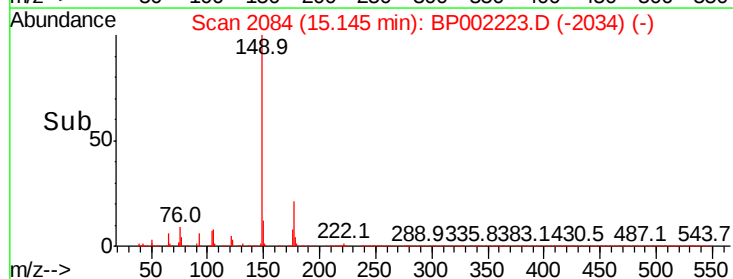
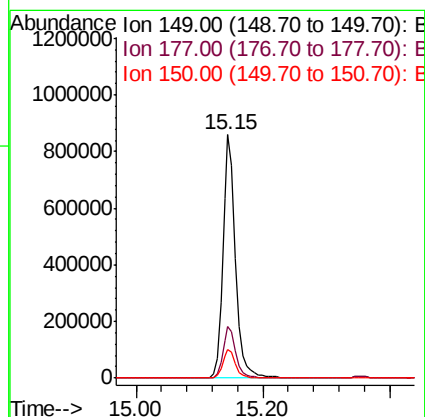
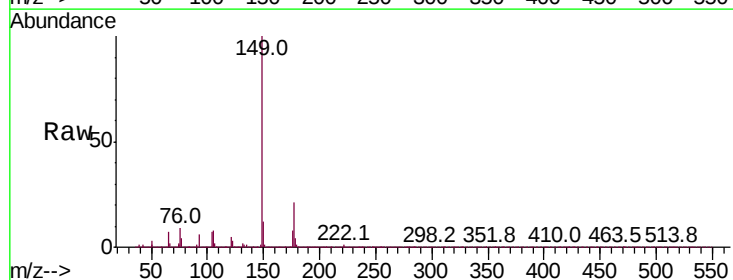
Instrument :
BNA_P
ClientSampleId :

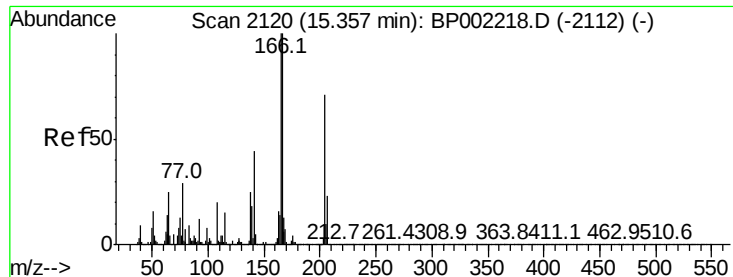
Tot Ion:	232	Resp:	315867
Ion	Ratio	Lower	Upper
232	100		
131	46.6	38.0	57.0
130	2.6	1.9	2.9
166	30.5	24.3	36.5



#60
Diethylphthalate
Concen: 44.785 ng
RT: 15.15 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:	149	Resp:	1217682
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.2	25.8
150	11.9	9.4	14.0

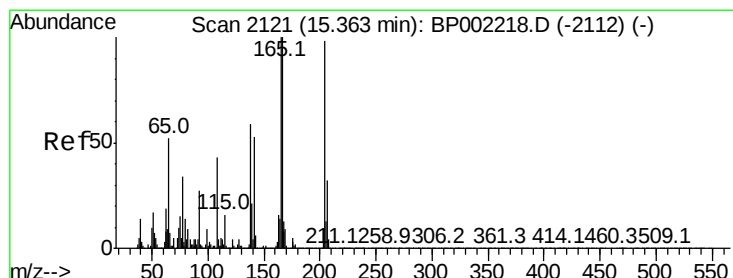
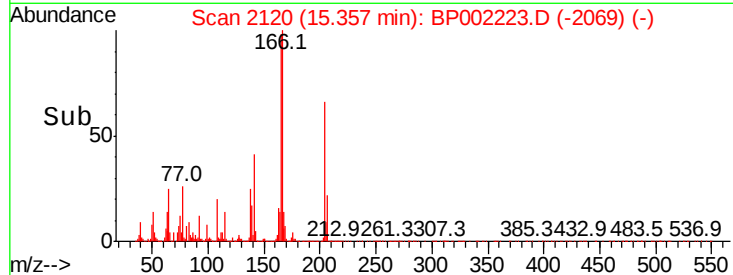
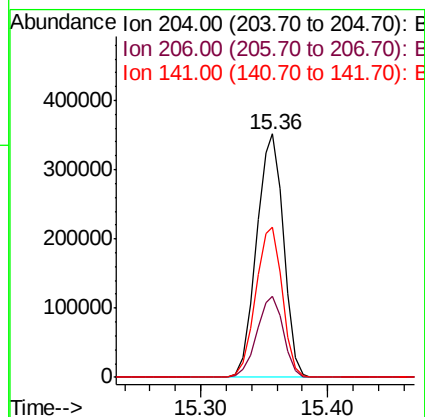
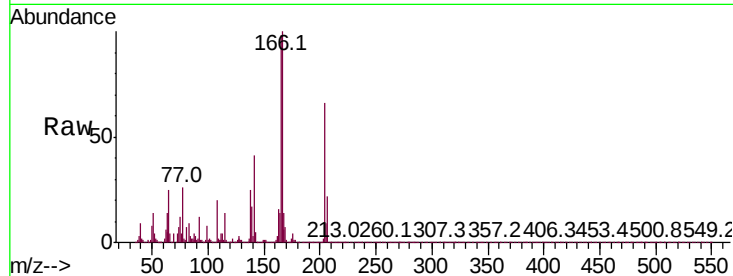




#61
4-Chlorophenyl-phenylether
Concen: 36.746 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

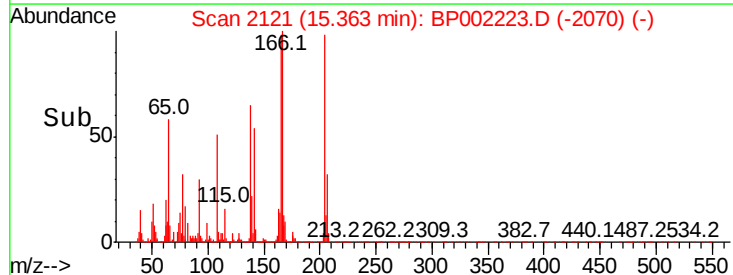
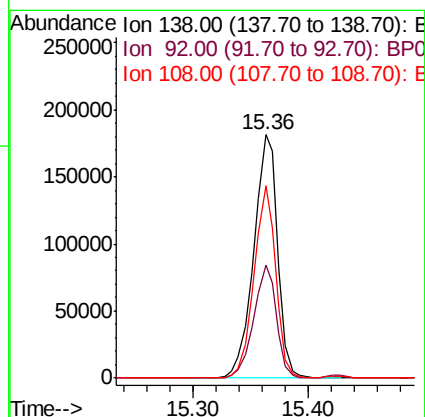
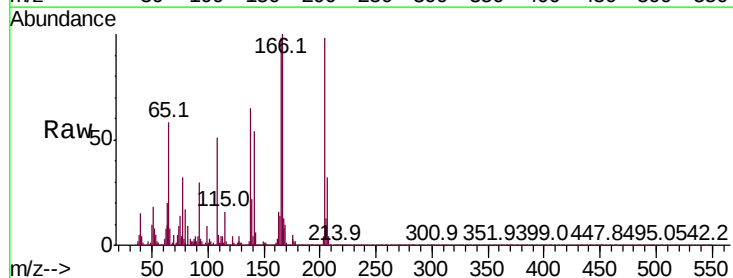
Instrument :
BNA_P
ClientSampled :

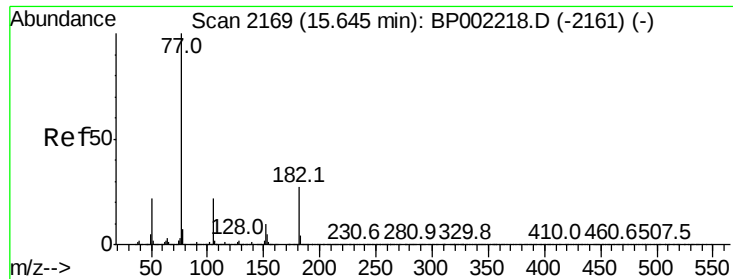
Tot Ion:204 Resp: 518789
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 61.4 48.8 73.2



#62
4-Nitroaniline
Concen: 44.505 ng
RT: 15.36 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:138 Resp: 260156
Ion Ratio Lower Upper
138 100
92 46.4 25.0 65.0
108 78.9 53.8 93.8

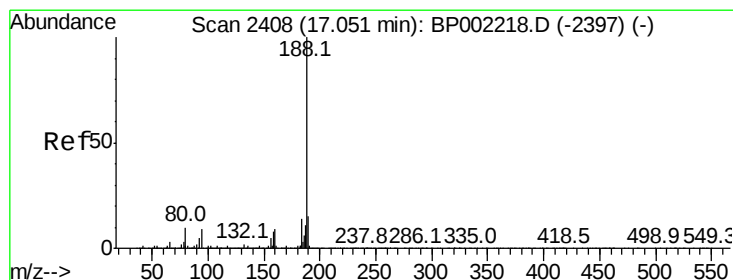
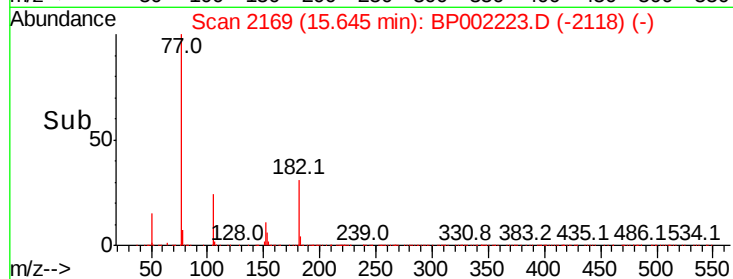
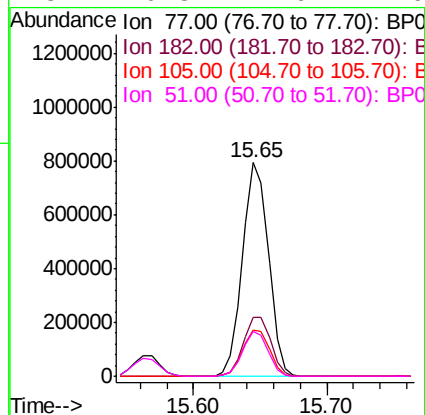
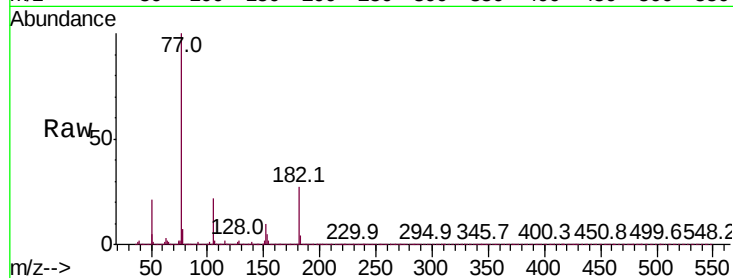




#63
Azobenzene
Concen: 37.394 ng
RT: 15.65 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

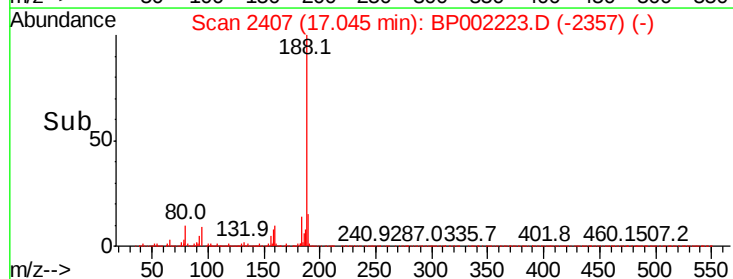
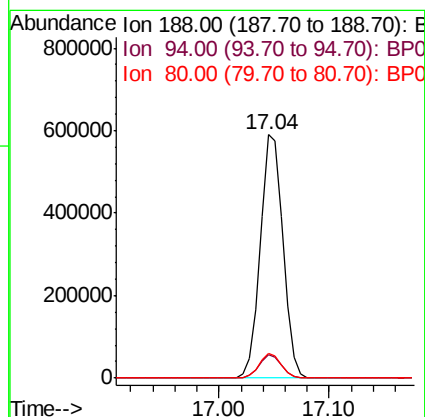
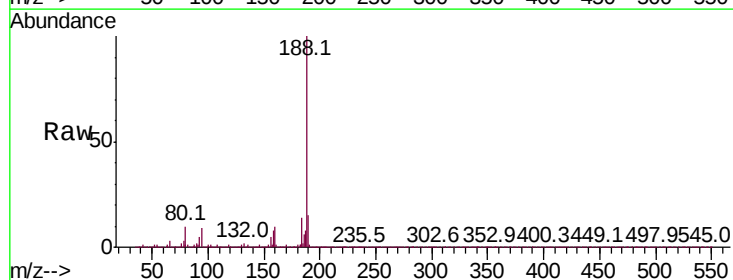
Instrument :
BNA_P
ClientSampleId :

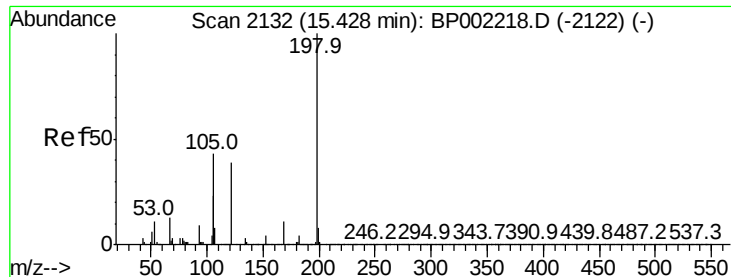
Tot Ion:	77	Resp:	1067011
Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.0	47.0
105	21.5	1.5	41.5
51	20.8	1.6	41.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:	188	Resp:	851372
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.9	7.8	11.8

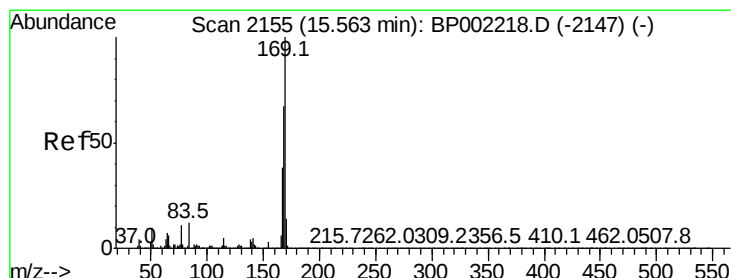
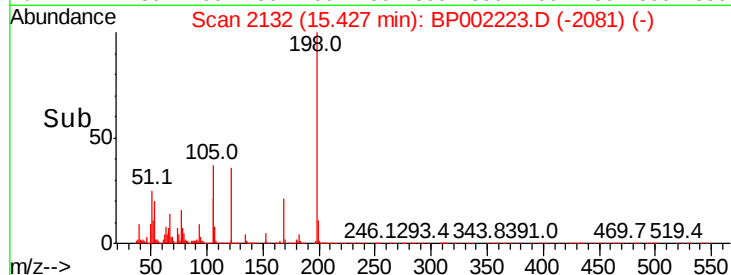
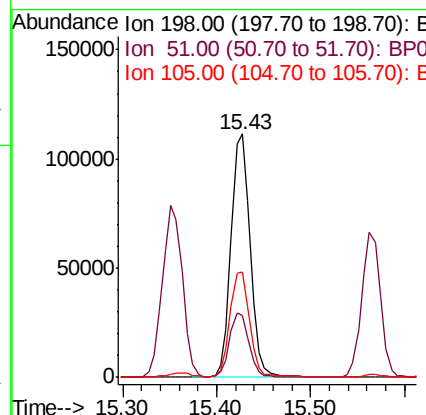
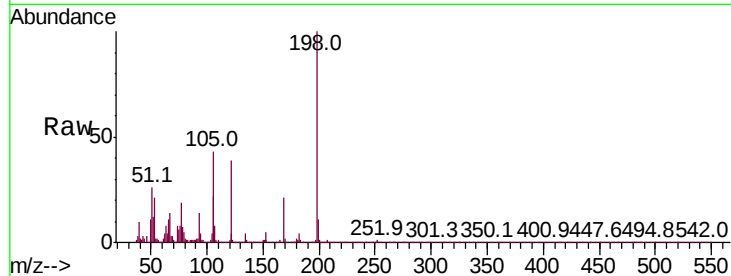




#65
4,6-Dinitro-2-methylphenol
Concen: 44.406 ng
RT: 15.43 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

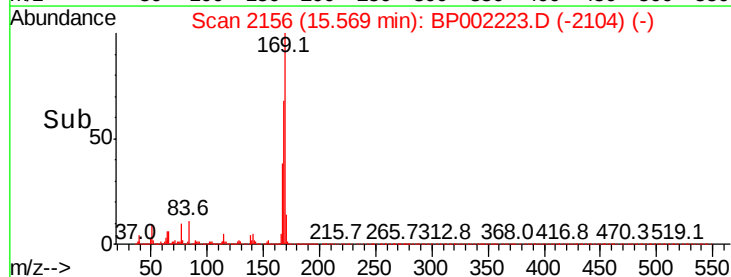
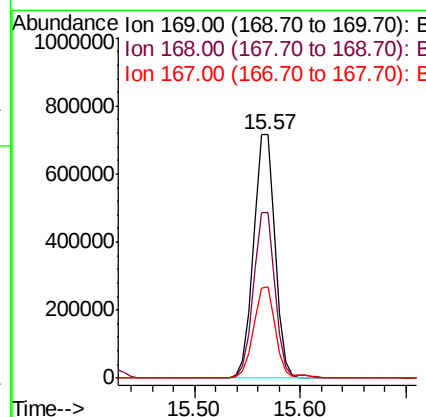
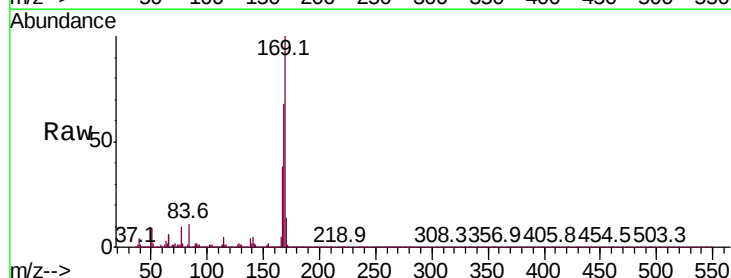
Instrument :
BNA_P
ClientSampleId :

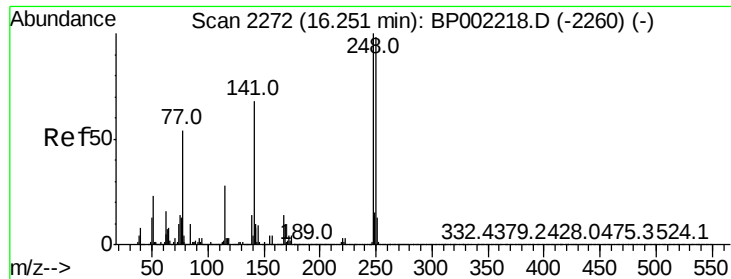
Tot Ion:198 Resp: 157944
Ion Ratio Lower Upper
198 100
51 25.6 6.6 46.6
105 43.4 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 40.205 ng
RT: 15.57 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:169 Resp: 1022861
Ion Ratio Lower Upper
169 100
168 67.9 53.6 80.4
167 37.7 30.6 45.8

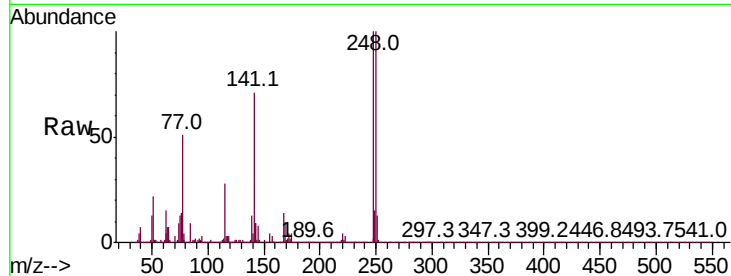




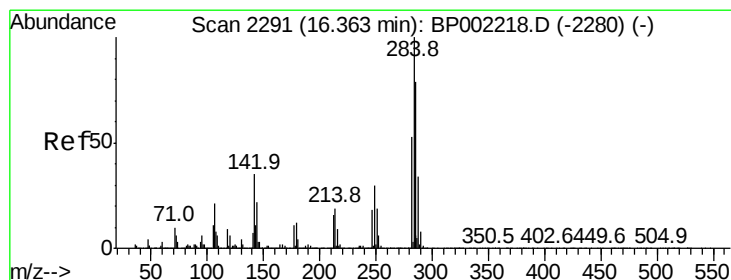
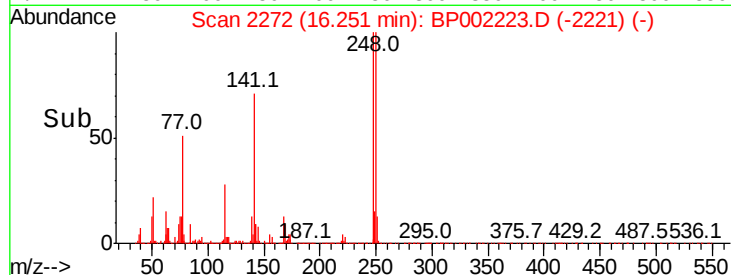
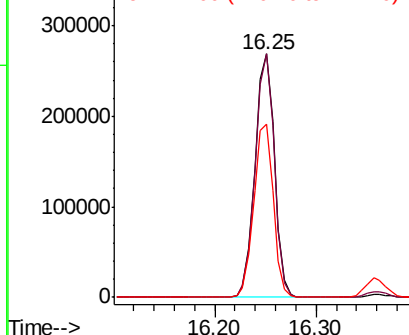
#67
4-Bromophenyl-phenylether
Concen: 37.572 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 356756
Ion Ratio Lower Upper
248 100
250 100.1 78.6 118.0
141 71.3 54.3 81.5

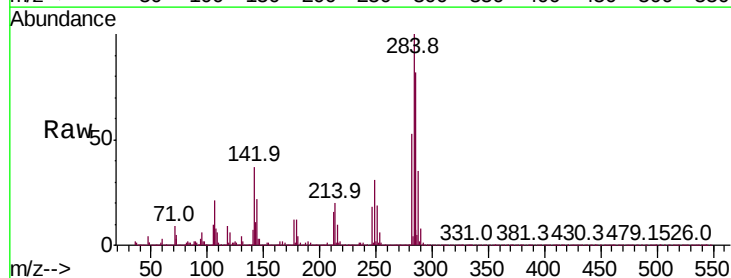


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

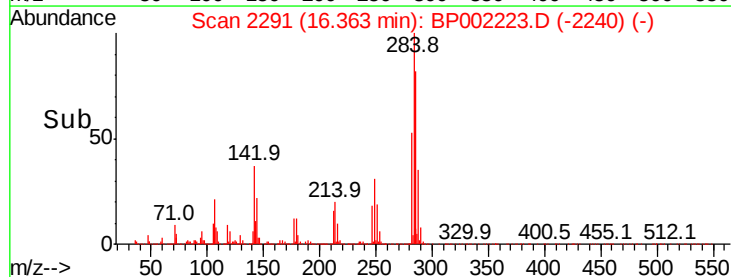
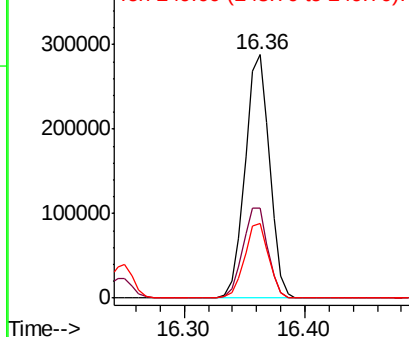


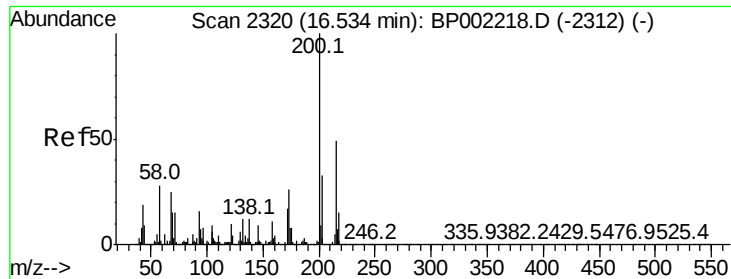
#68
Hexachlorobenzene
Concen: 38.648 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:284 Resp: 406842
Ion Ratio Lower Upper
284 100
142 36.8 28.1 42.1
249 30.6 24.1 36.1



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: 46.318 ng

RT: 16.53 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

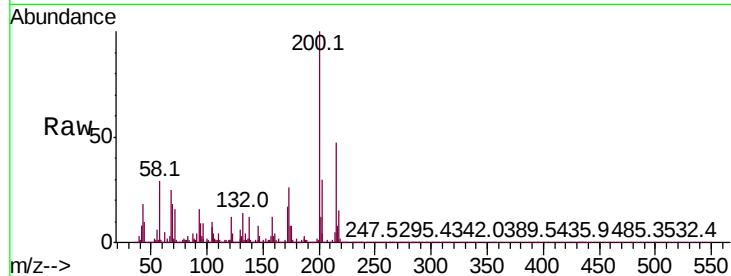
Tot Ion:200 Resp: 310718

Ion Ratio Lower Upper

200 100

173 26.2 6.3 46.3

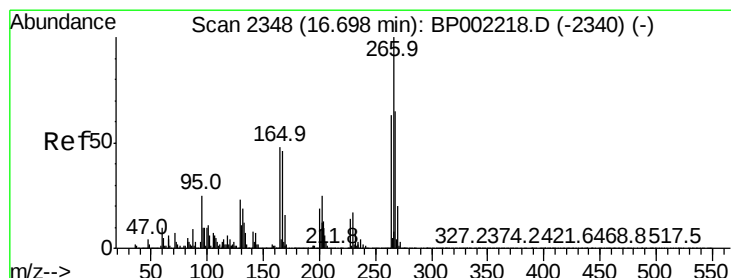
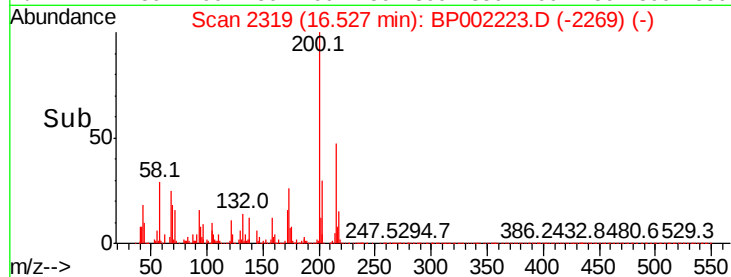
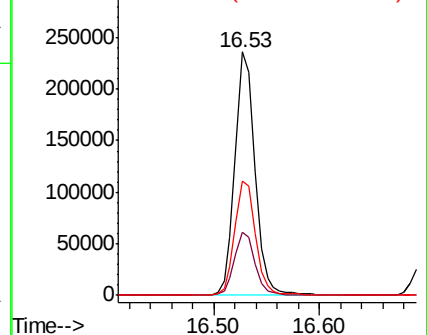
215 46.9 29.5 69.5



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: 40.475 ng

RT: 16.70 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

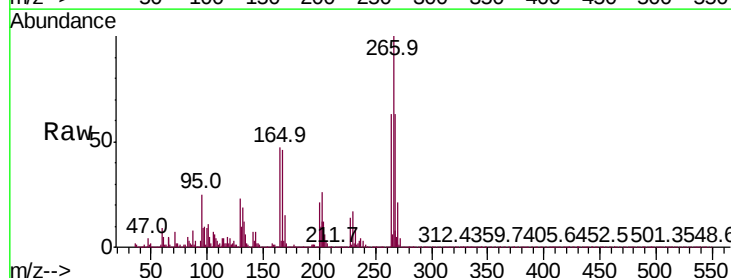
Tgt Ion:266 Resp: 261171

Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

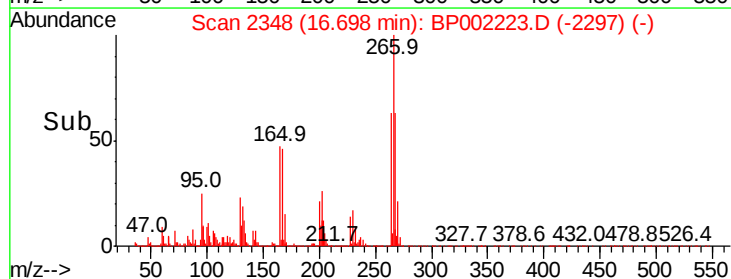
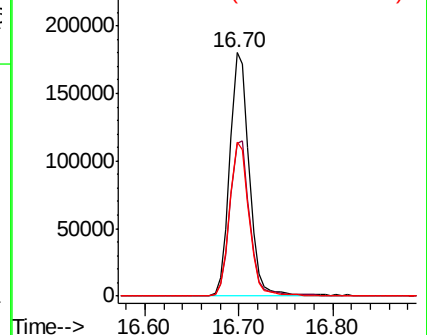
264 63.2 50.6 75.8

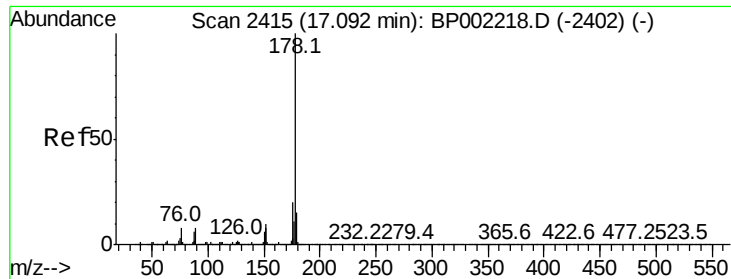


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

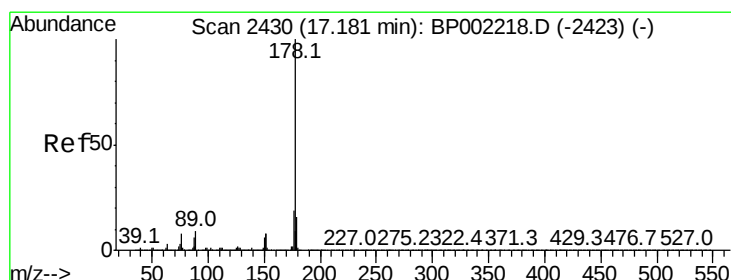
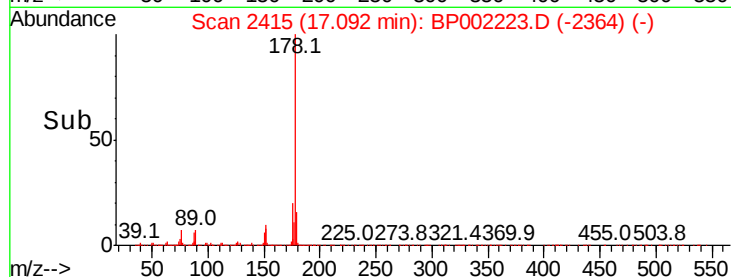
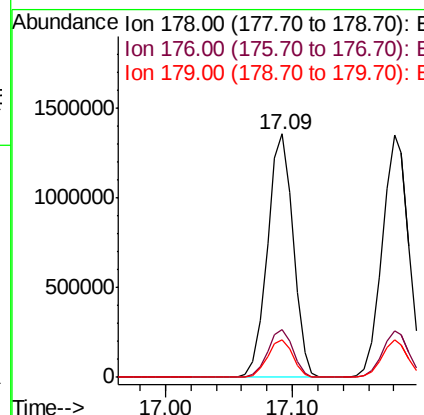
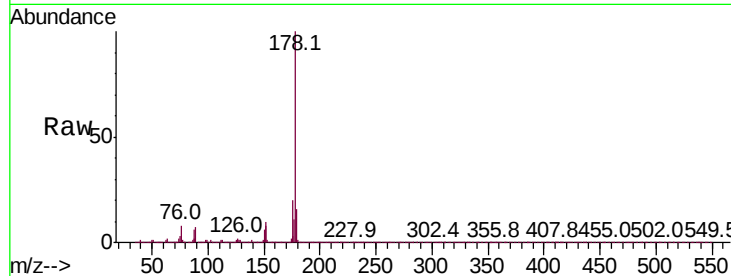




#71
Phenanthrene
Concen: 39.345 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

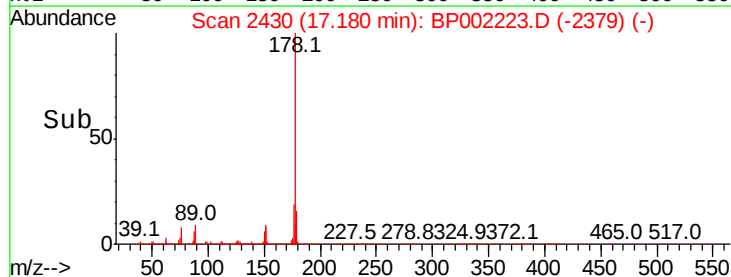
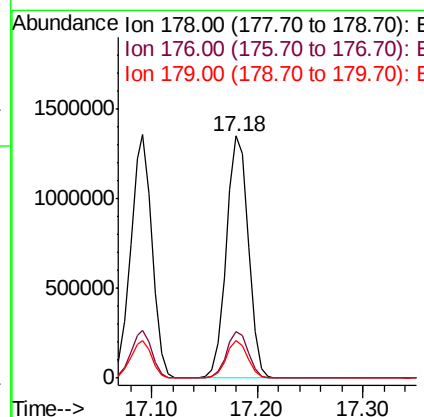
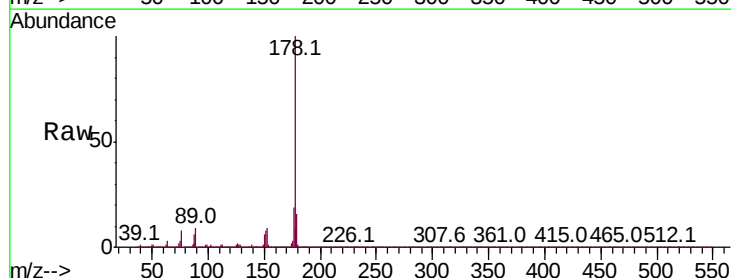
Instrument :
BNA_P
ClientSampleId :

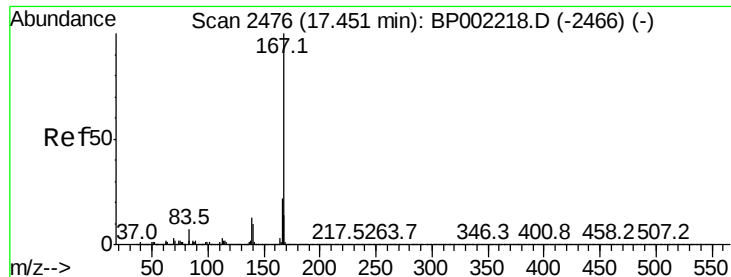
Tot Ion:178 Resp: 1907459
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.6 12.2 18.4



#72
Anthracene
Concen: 40.231 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:178 Resp: 1939203
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.5 12.6 18.8





#73

Carbazole

Concen: 38.989 ng

RT: 17.45 min Scan# 2476

Delta R.T. -0.00 min

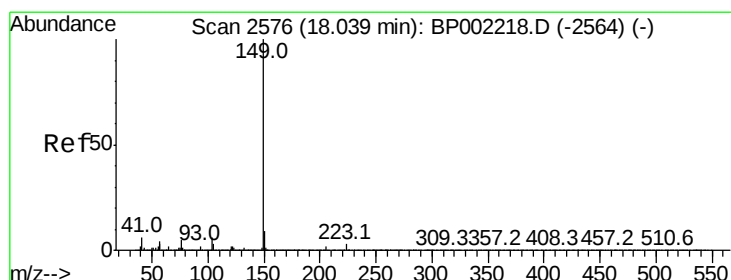
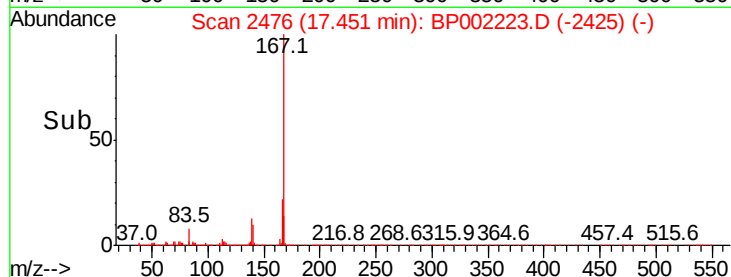
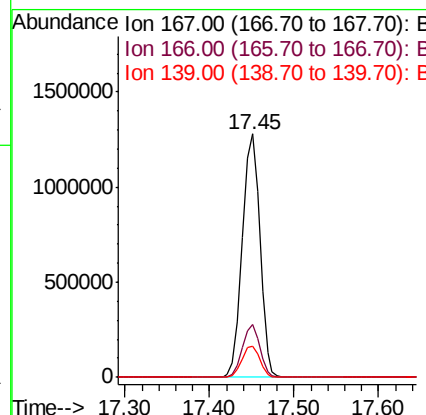
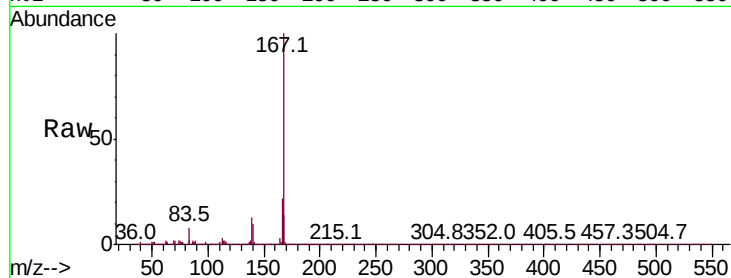
Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:167 Resp: 1821096

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	13.0	10.5	15.7



#74

Di-n-butylphthalate

Concen: 52.787 ng

RT: 18.04 min Scan# 2577

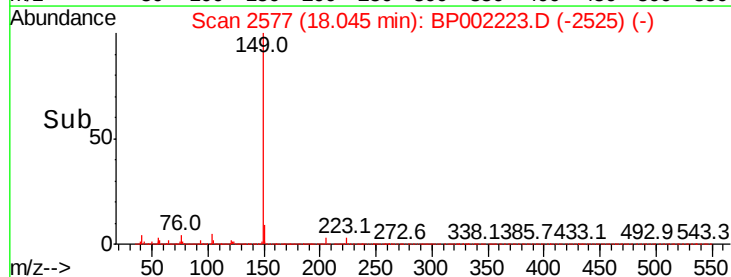
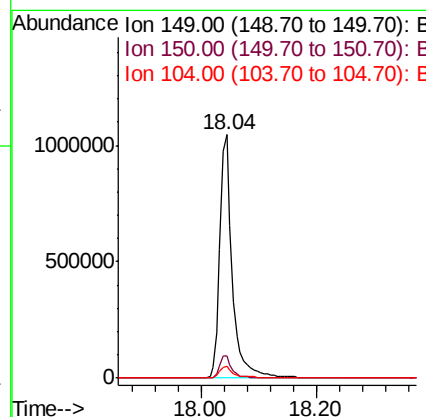
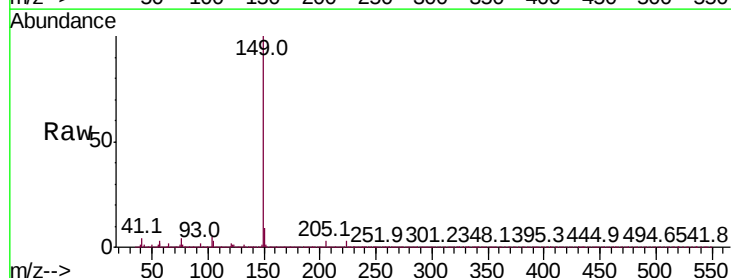
Delta R.T. 0.01 min

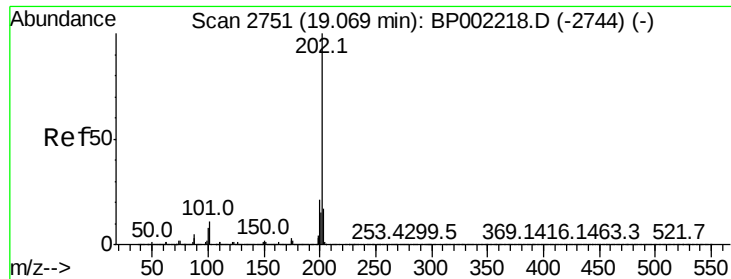
Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:149 Resp: 1583710

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.4
104	4.9	4.8	7.2





#75

Fluoranthene

Concen: 39.917 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

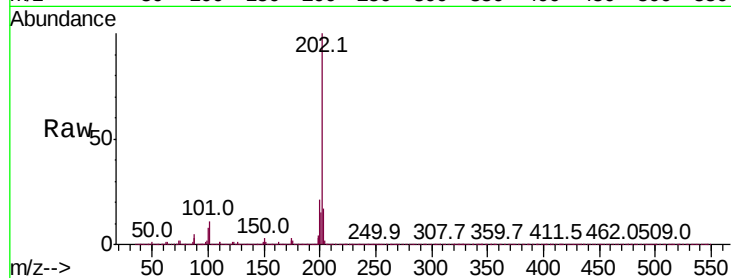
Tot Ion:202 Resp: 2188626

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.6

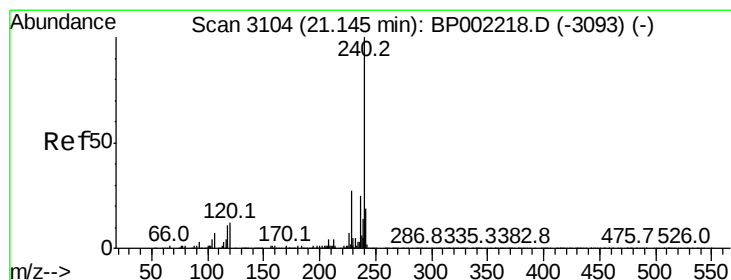
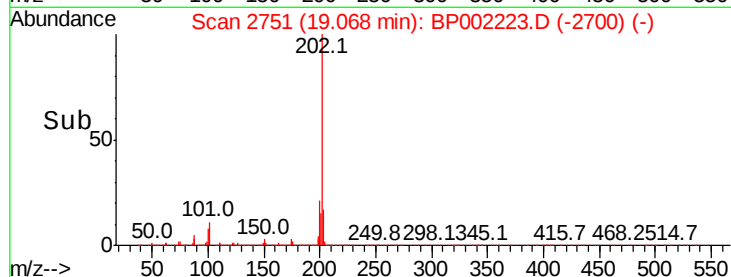
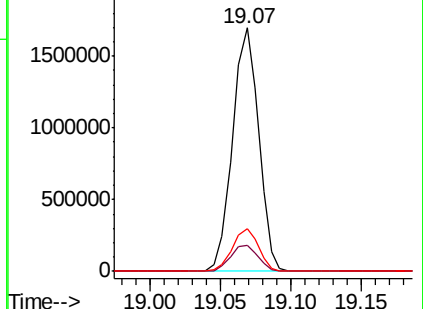
203 17.3 0.0 37.4



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: 21.14 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

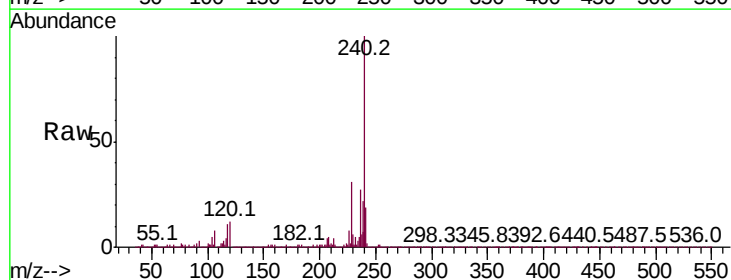
Tgt Ion:240 Resp: 787734

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

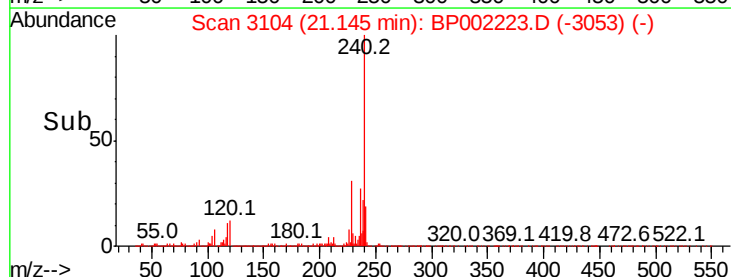
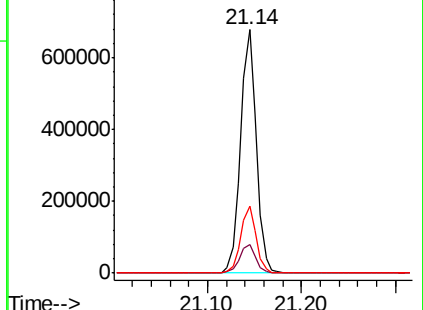
236 27.4 20.3 30.5

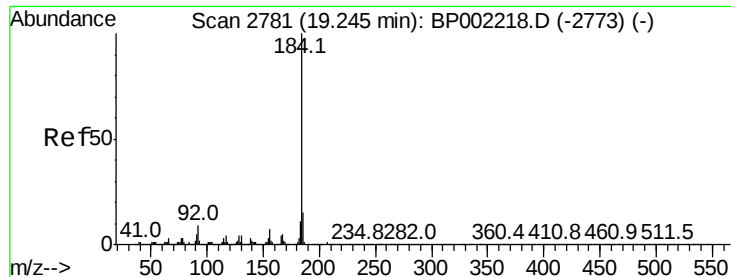


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.561 ng

RT: 19.25 min Scan# 2782

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

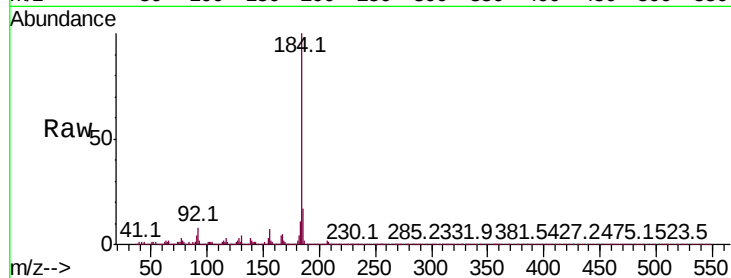
Tot Ion:184 Resp: 377553

Ion Ratio Lower Upper

184 100

185 17.3 11.6 17.4

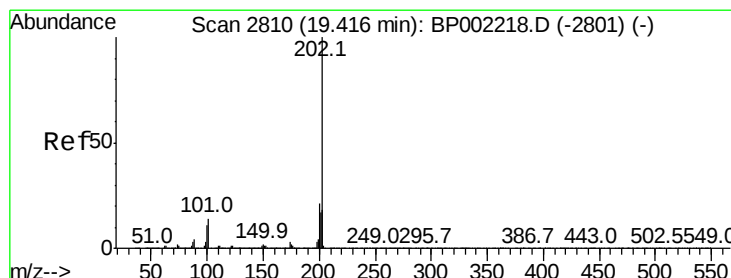
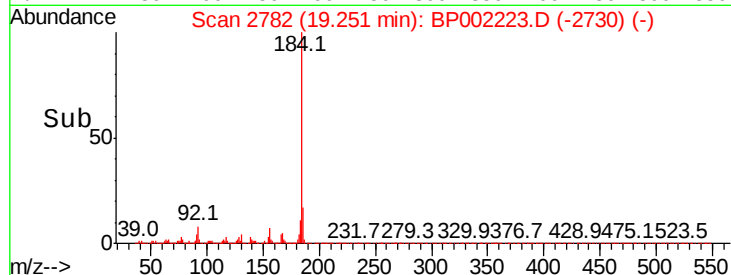
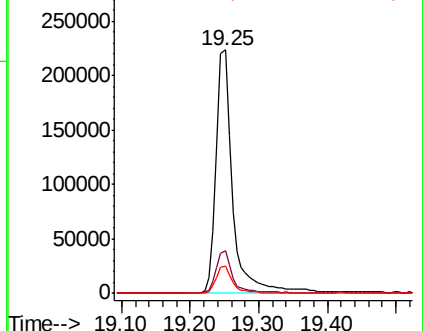
183 11.0 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.238 ng

RT: 19.42 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

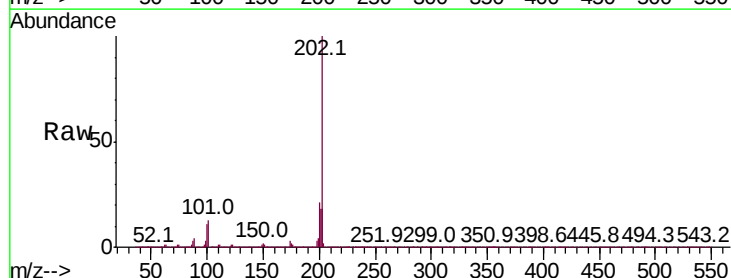
Tgt Ion:202 Resp: 2316473

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

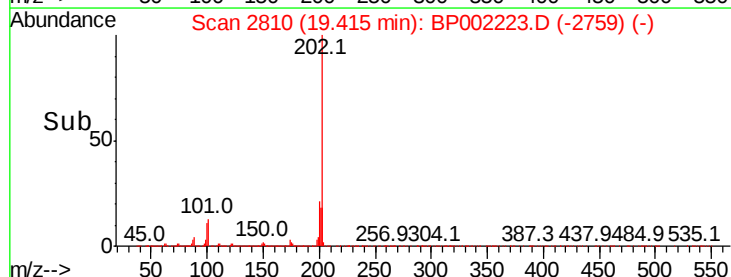
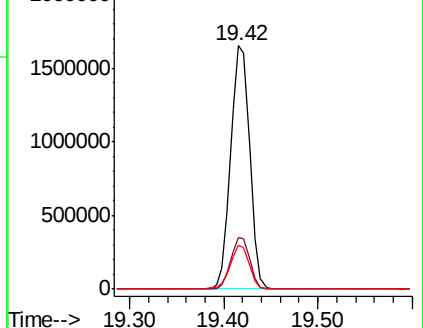
203 17.8 14.1 21.1

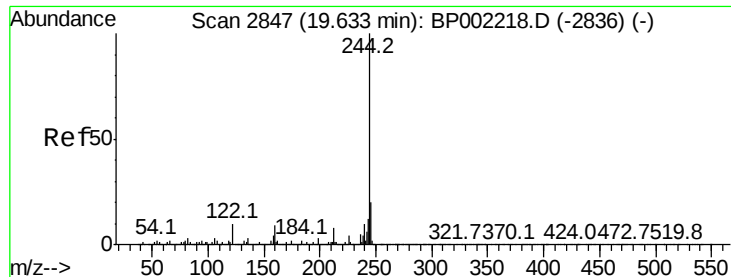


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.743 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampled :

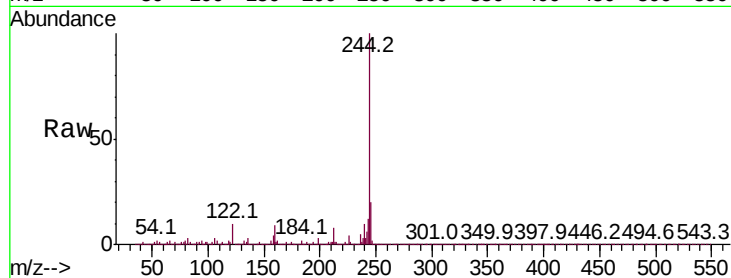
Tot Ion:244 Resp: 2839749

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

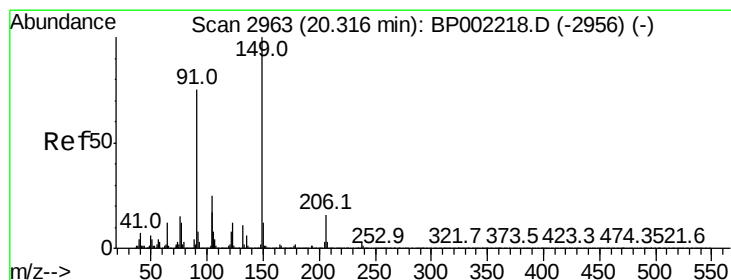
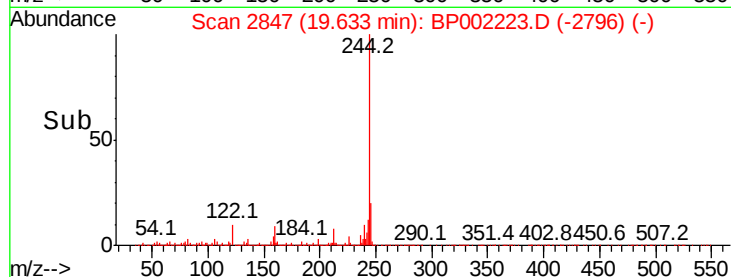
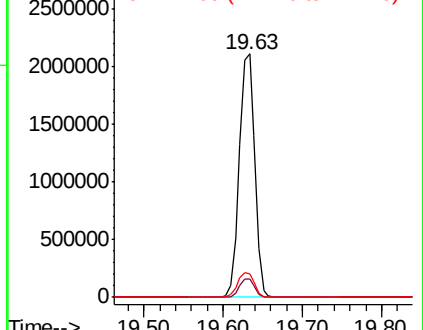
122 9.6 7.9 11.9



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: 42.493 ng

RT: 20.32 min Scan# 2963

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

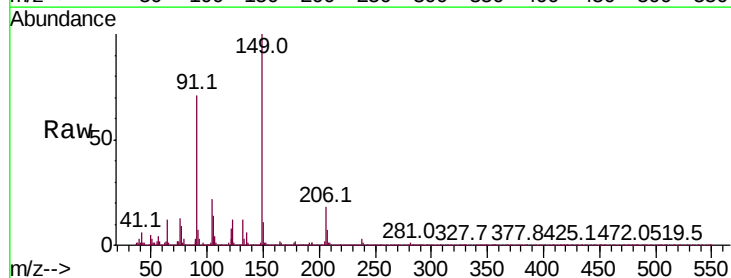
Tgt Ion:149 Resp: 267232

Ion Ratio Lower Upper

149 100

91 71.1 59.9 89.9

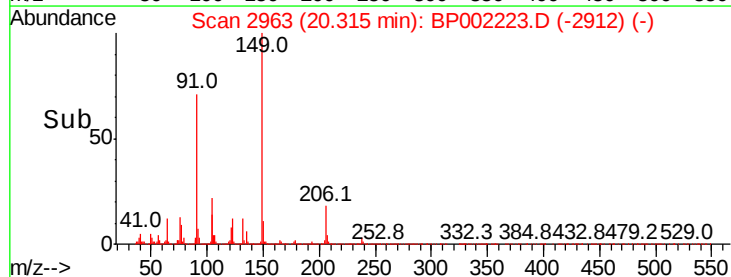
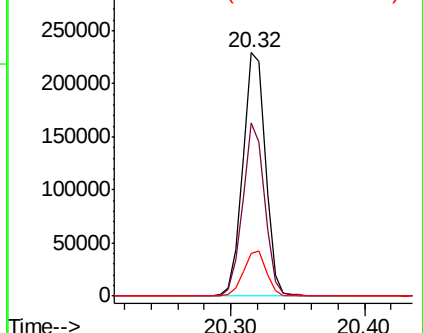
206 17.7 12.7 19.1

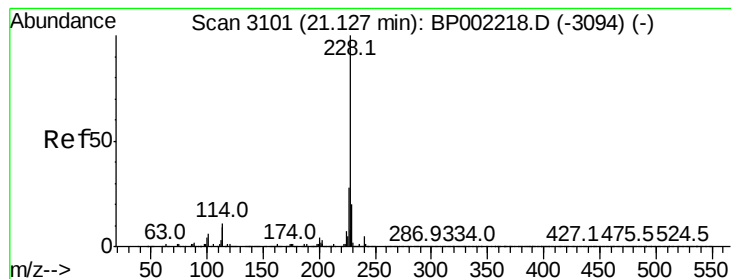


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.147 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

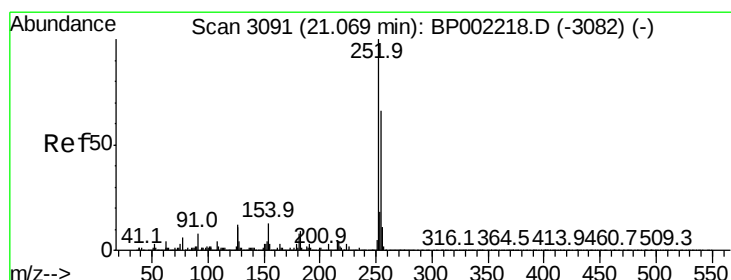
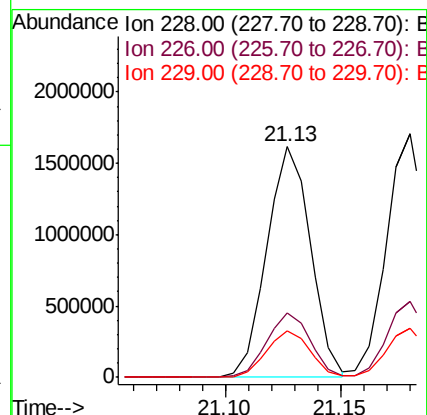
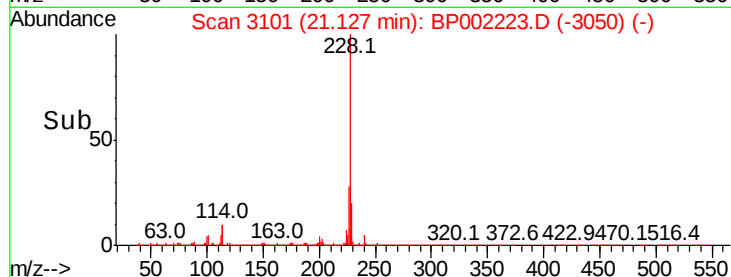
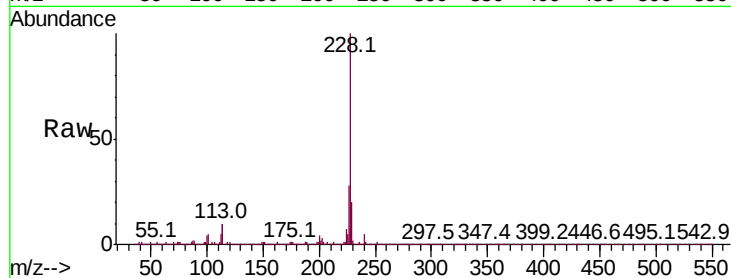
Tot Ion:228 Resp: 2123965

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 50.726 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

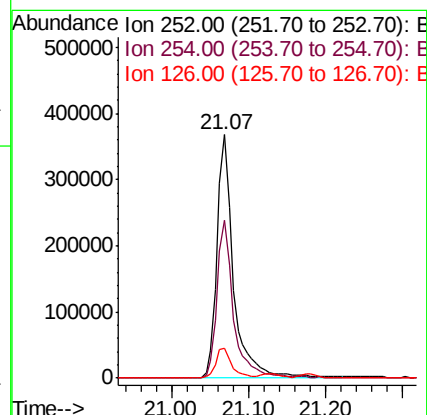
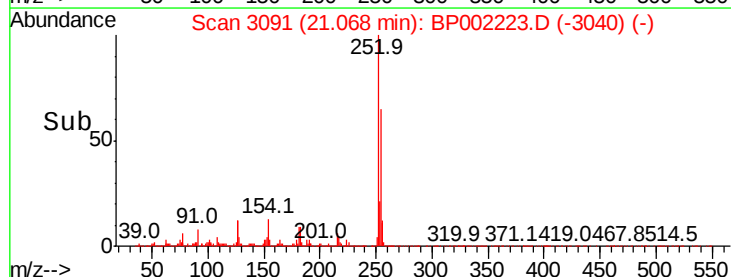
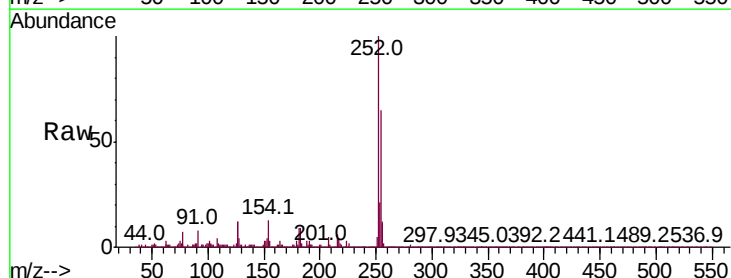
Tgt Ion:252 Resp: 543741

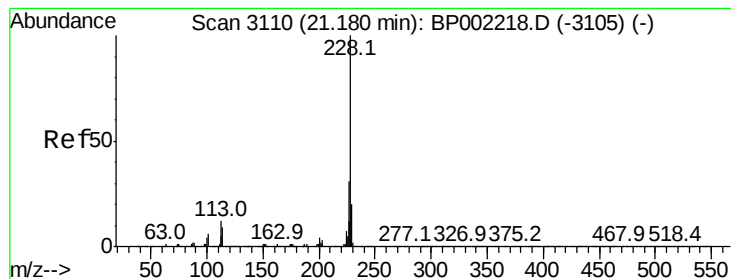
Ion Ratio Lower Upper

252 100

254 64.9 52.9 79.3

126 12.0 9.5 14.3





#83

Chrysene

Concen: 41.157 ng

RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

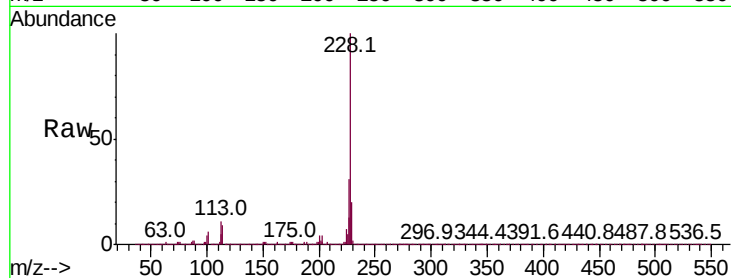
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 2099652

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.1	16.1	24.1

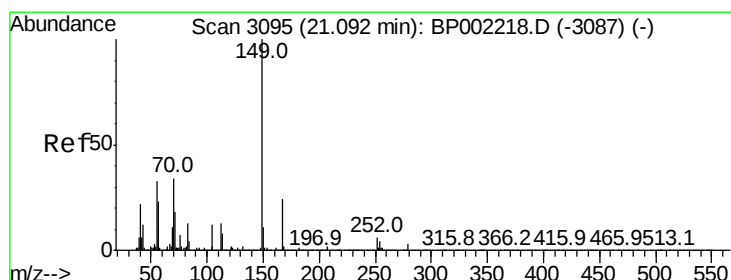
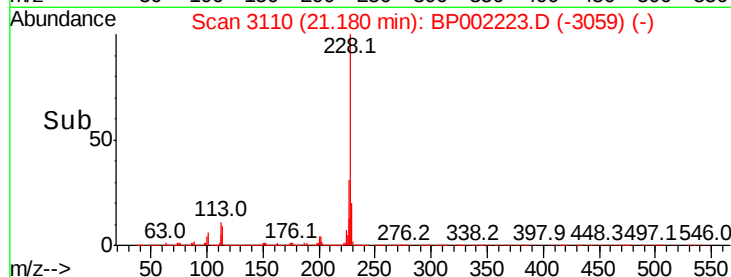
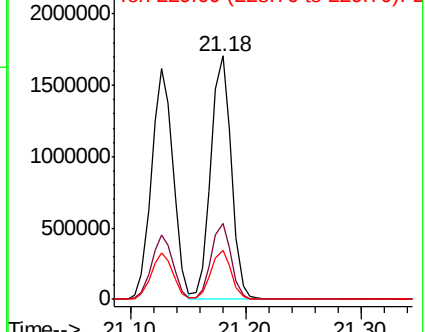


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.794 ng

RT: 21.09 min Scan# 3095

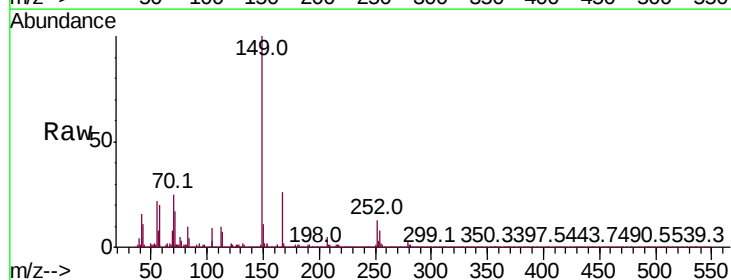
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:149 Resp: 451216

Ion	Ratio	Lower	Upper
149	100		
167	25.9	18.9	28.3
279	3.3	2.3	3.5

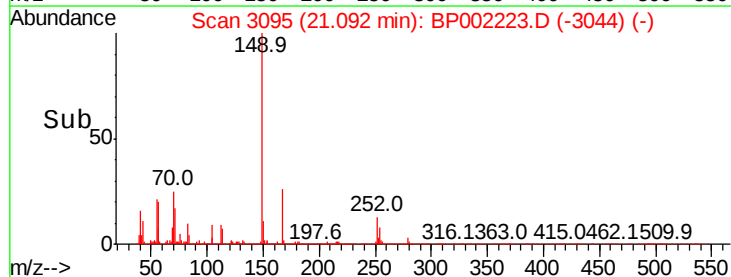
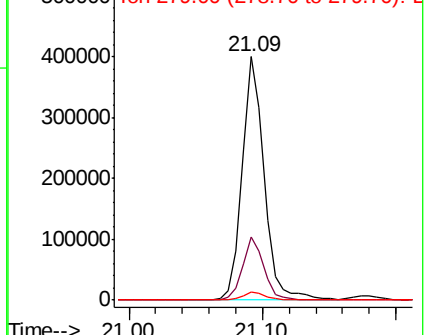


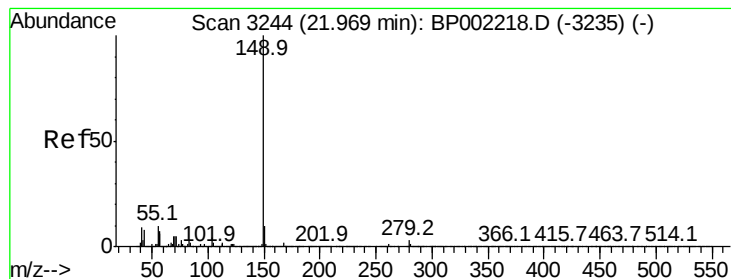
Abundance

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: 46.511 ng

RT: 21.97 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

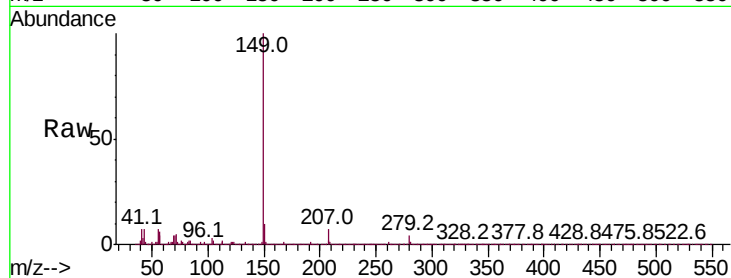
Tot Ion:149 Resp: 799260

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

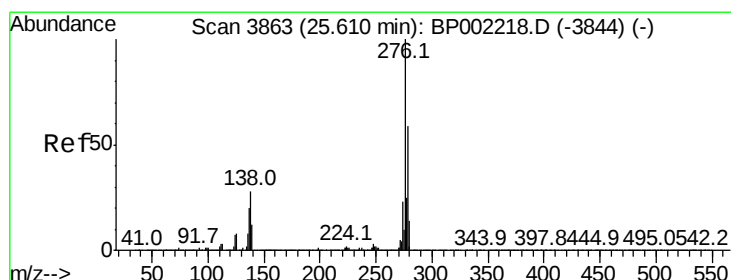
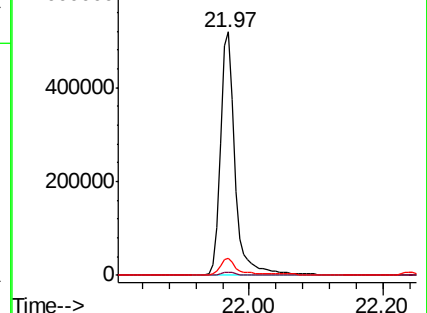
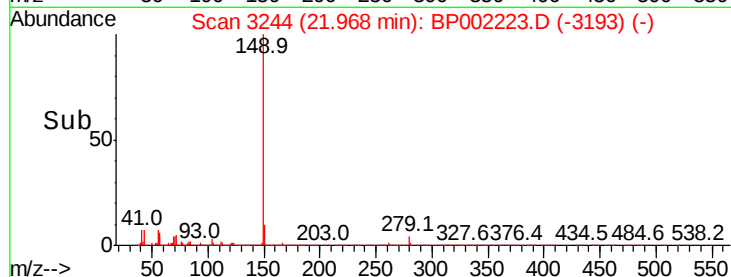
43 8.9 9.3 13.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.978 ng

RT: 25.61 min Scan# 3863

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

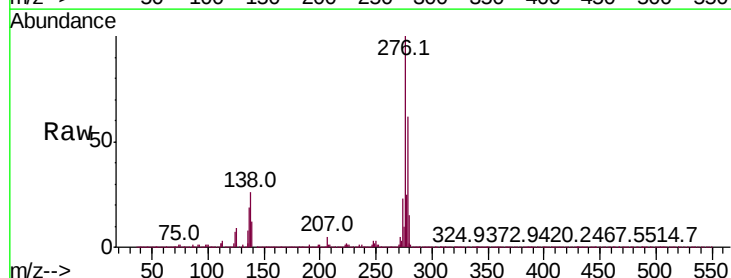
Tgt Ion:276 Resp: 2538845

Ion Ratio Lower Upper

276 100

138 29.1 24.2 36.4

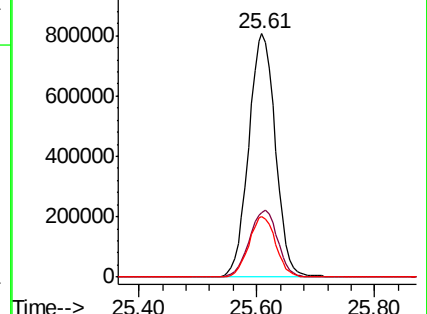
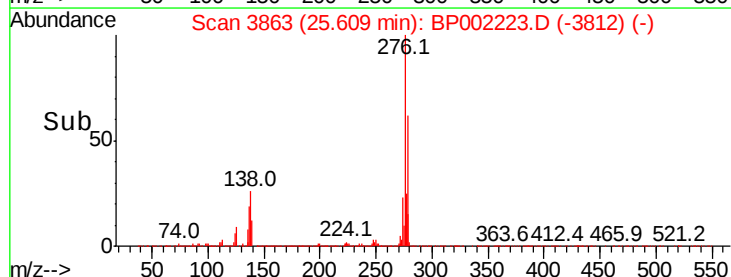
277 25.2 20.1 30.1

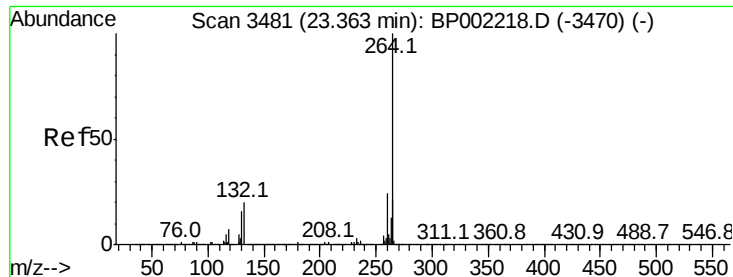


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

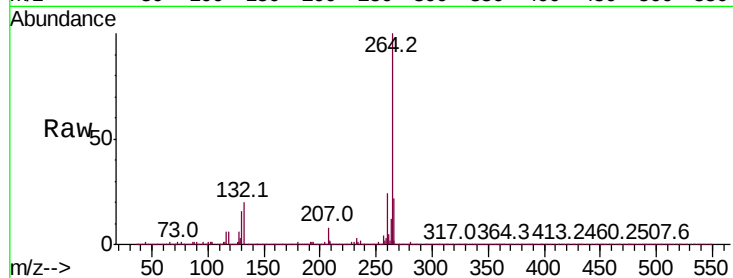
Instrument :

BNA_P

ClientSampleId :

Tot Ion:264 Resp: 905718

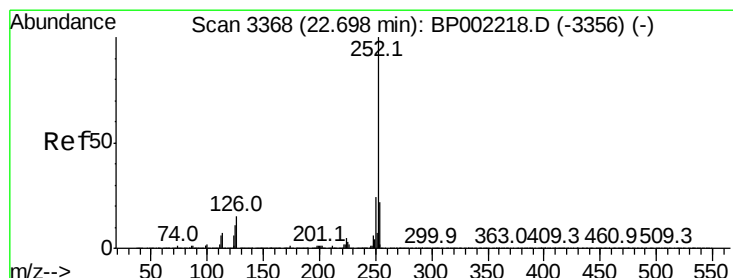
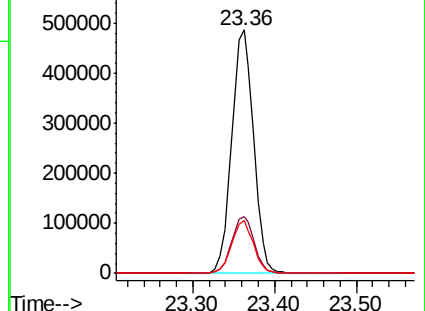
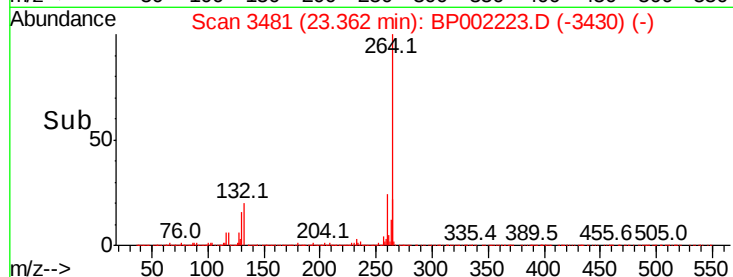
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.962 ng

RT: 22.70 min Scan# 3368

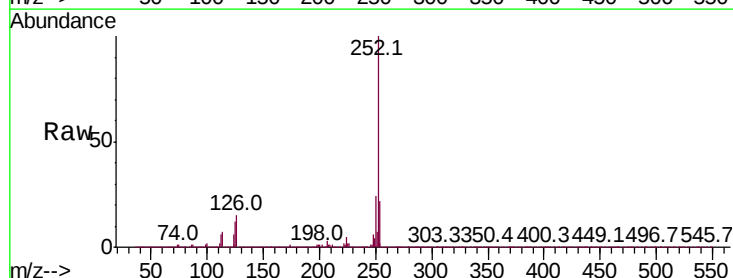
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:252 Resp: 2193831

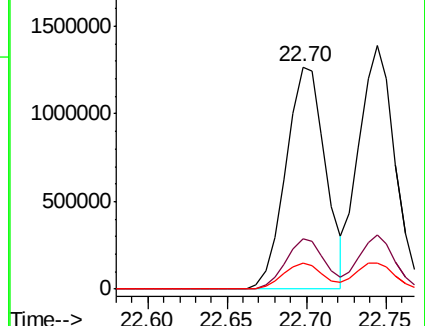
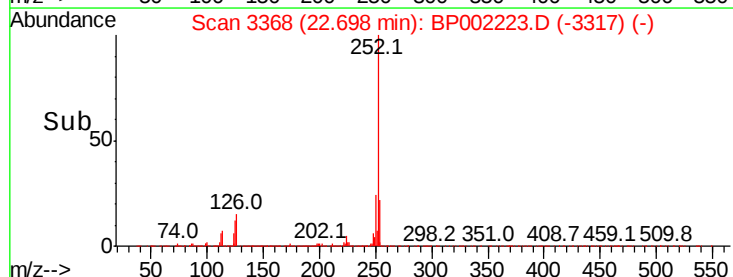
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.6	9.1	13.7

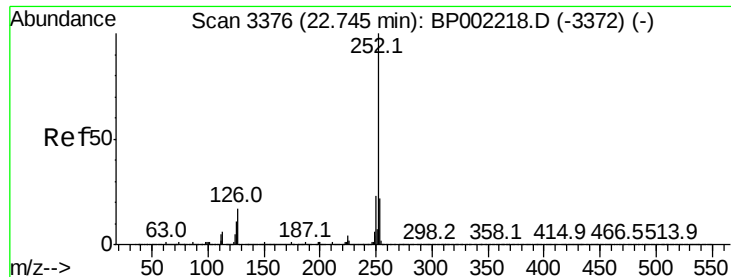


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.327 ng

RT: 22.74 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

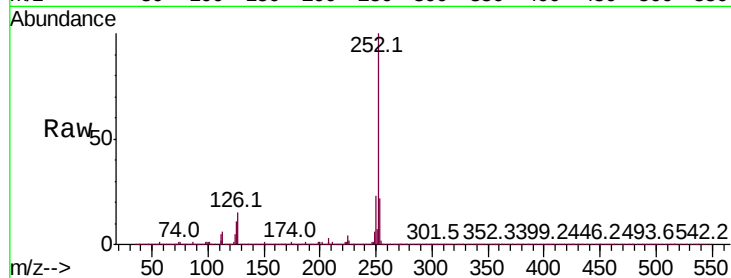
Tot Ion:252 Resp: 2212799

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

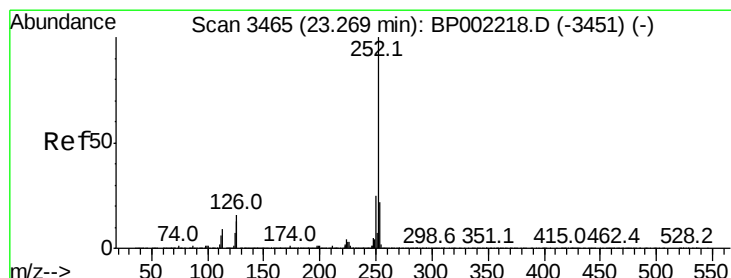
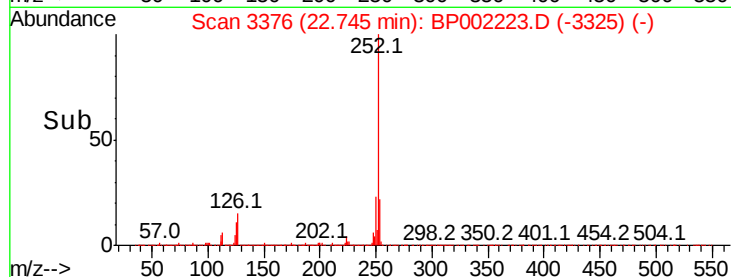
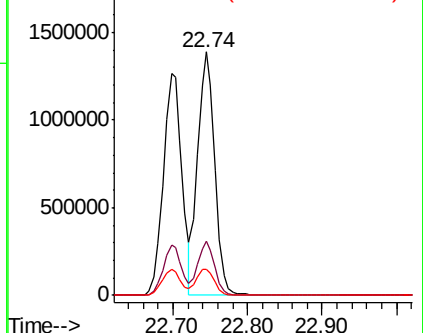
125 10.9 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.725 ng

RT: 23.27 min Scan# 3465

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

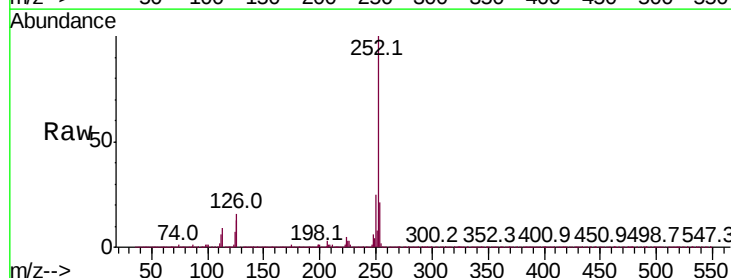
Tgt Ion:252 Resp: 2138494

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

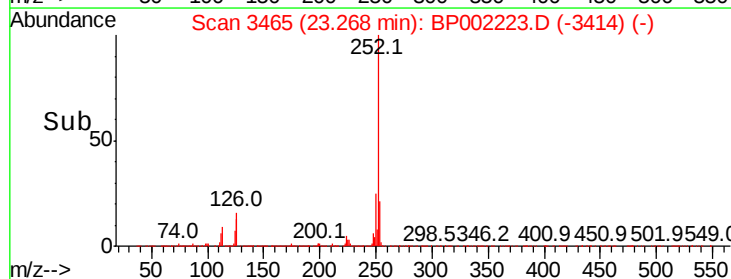
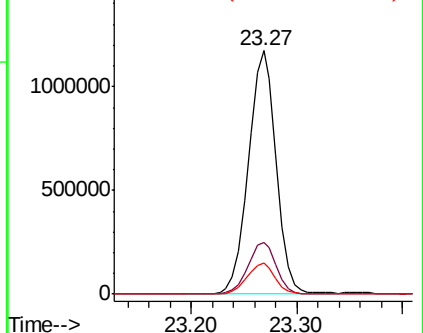
125 12.7 10.4 15.6

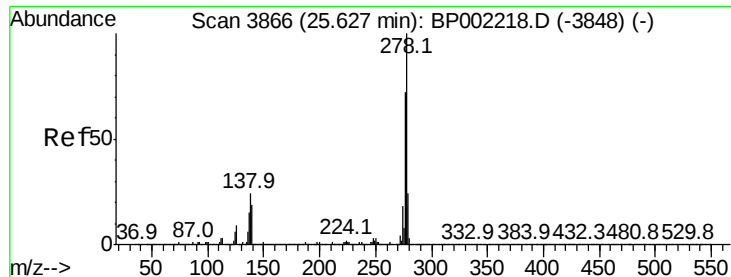


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

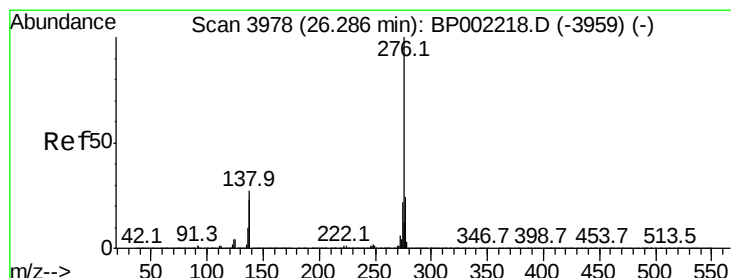
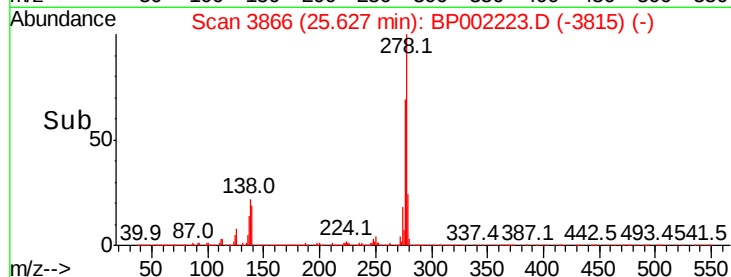
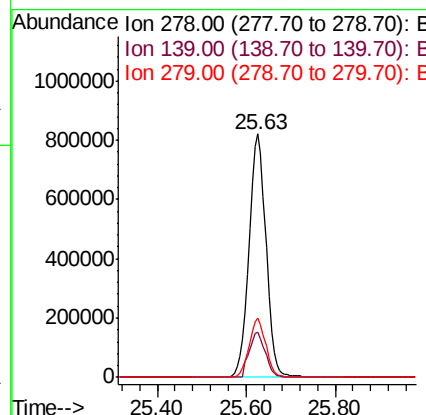
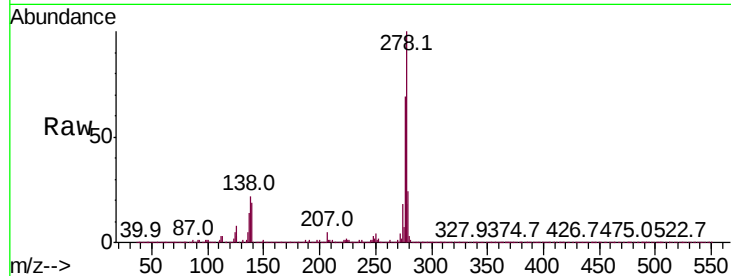




#91
Dibenzo(a,h)anthracene
Concen: 39.526 ng
RT: 25.63 min Scan# 3866
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampled :

Tot Ion:278 Resp: 2140503
Ion Ratio Lower Upper
278 100
139 18.5 14.8 22.2
279 24.4 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 39.879 ng
RT: 26.29 min Scan# 3979
Delta R.T. 0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:276 Resp: 2142053
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 24.2 21.3 31.9

