

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
 Data File : BP002221.D
 Acq On : 18 Mar 2020 18:08
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 18 18:41:36 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 17:54:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	152244	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	601285	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	348776	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	727770	20.00	ng	0.00
76) Chrysene-d12	21.15	240	707639	20.00	ng	0.00
87) Perylene-d12	23.36	264	773414	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1245540	145.57	ng	0.00
7) Phenol-d6	6.84	99	1579545	141.54	ng	0.00
23) Nitrobenzene-d5	8.80	82	1476140	150.07	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	646436	180.97	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3348210	139.46	ng	0.00
79) Terphenyl-d14	19.63	244	4379339	126.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	247937	70.514	ng	100
3) Pyridine	3.62	79	673056	67.034	ng	99
4) n-Nitrosodimethylamine	3.54	42	191354	49.983	ng	86
6) Aniline	6.99	93	1031472	75.166	ng	99
8) 2-Chlorophenol	7.23	128	756930	80.680	ng	98
9) Benzaldehyde	6.80	77	446196	73.766	ng	97
10) Phenol	6.87	94	822273	72.312	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	707896	77.524	ng	100
12) 1,3-Dichlorobenzene	7.55	146	864728	75.613	ng	99
13) 1,4-Dichlorobenzene	7.69	146	868839	75.611	ng	99
14) 1,2-Dichlorobenzene	8.01	146	834956	76.410	ng	99
15) Benzyl Alcohol	7.90	79	523525	69.264	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	551926	48.396	ng	97
17) 2-Methylphenol	8.10	107	652001	86.134	ng	99
18) Hexachloroethane	8.73	117	315141	78.789	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	423268	62.386	ng	96
20) 3+4-Methylphenols	8.43	107	884596	87.614	ng	99
22) Acetophenone	8.48	105	997025	67.699	ng	# 99
24) Nitrobenzene	8.85	77	757564	75.577	ng	98
25) Isophorone	9.38	82	1488447	80.954	ng	99
26) 2-Nitrophenol	9.55	139	377176	109.450	ng	98
27) 2,4-Dimethylphenol	9.62	122	648801	88.892	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	897722	71.808	ng	98
29) 2,4-Dichlorophenol	10.08	162	725964	85.295	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	800876	76.706	ng	100
31) Naphthalene	10.48	128	2460348	80.233	ng	99
32) Benzoic acid	9.79	122	412745	116.974	ng	99
33) 4-Chloroaniline	10.59	127	1057254	80.761	ng	99
34) Hexachlorobutadiene	10.79	225	472229	76.106	ng	99
35) Caprolactam	11.37	113	196155	75.918	ng	95
36) 4-Chloro-3-methylphenol	11.73	107	721408	83.102	ng	99
37) 2-Methylnaphthalene	12.10	142	1705976	79.458	ng	99
38) 1-Methylnaphthalene	12.32	142	1610161	79.159	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	802129	72.288	ng	99

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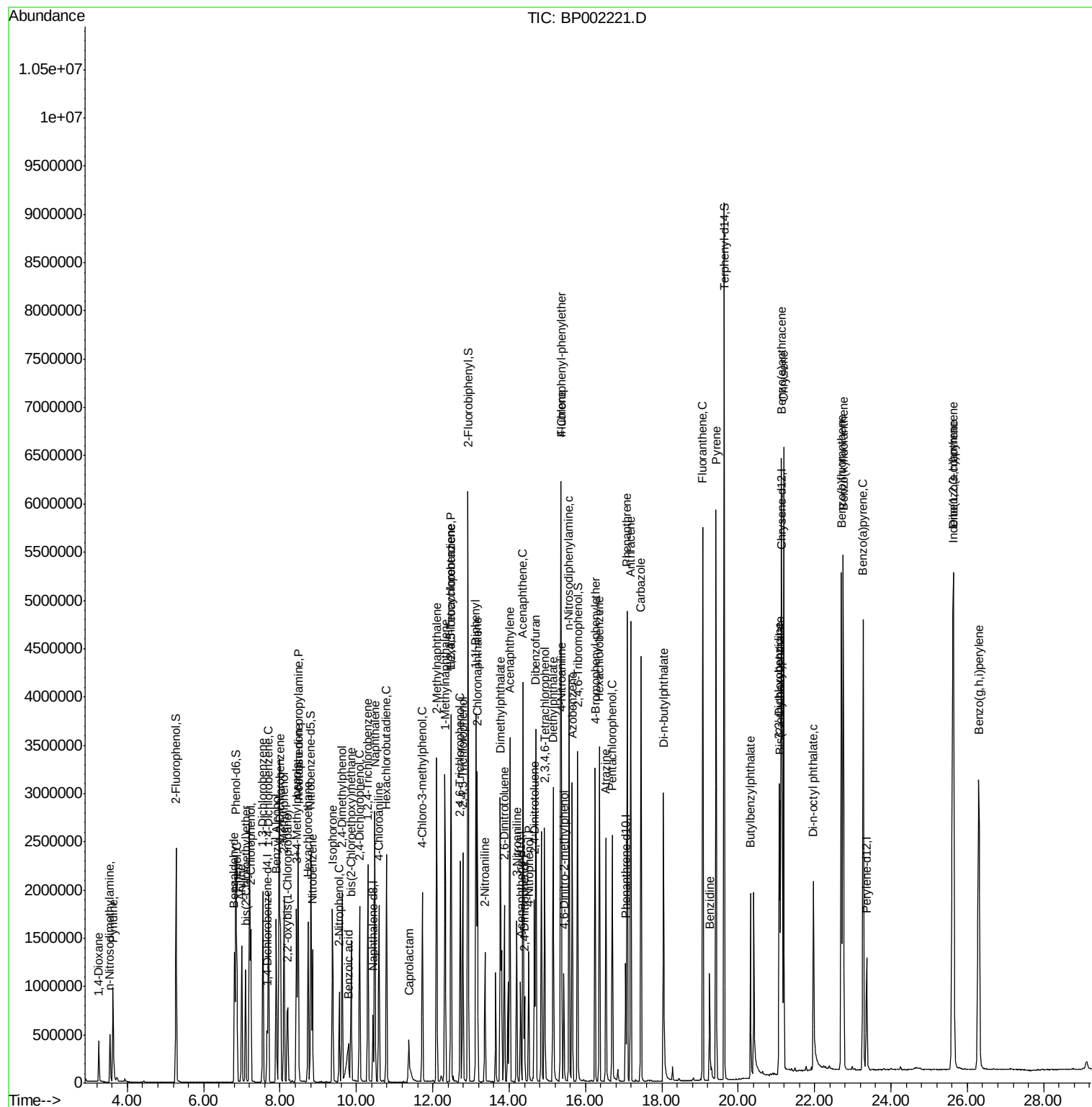
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	432582	90.285	ng	98
43) 2,4,6-Trichlorophenol	12.72	196	558937	89.054	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	647155	97.712	ng	98
46) 1,1'-Biphenyl	13.13	154	2131079	78.411	ng	99
47) 2-Chloronaphthalene	13.16	162	1657386	77.386	ng	98
48) 2-Nitroaniline	13.36	65	307701	63.159	ng	99
49) Acenaphthylene	14.02	152	2726185	84.404	ng	99
50) Dimethylphthalate	13.77	163	2077380	80.685	ng	100
51) 2,6-Dinitrotoluene	13.87	165	442491	89.636	ng	95
52) Acenaphthene	14.36	154	1585691	76.642	ng	99
53) 3-Nitroaniline	14.20	138	509475	87.630	ng	97
54) 2,4-Dinitrophenol	14.40	184	222669	163.517	ng	99
55) Dibenzofuran	14.70	168	2470556	80.744	ng	97
56) 4-Nitrophenol	14.51	139	433419	103.288	ng	97
57) 2,4-Dinitrotoluene	14.66	165	601265	93.558	ng	99
58) Fluorene	15.35	166	1652180	67.260	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.93	232	527937	91.623	ng	98
60) Diethylphthalate	15.15	149	2108604	81.890	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	832832	66.720	ng	96
62) 4-Nitroaniline	15.37	138	449301	73.302	ng	100
63) Azobenzene	15.65	77	1820982	77.209	ng	98
65) 4,6-Dinitro-2-methylphenol	15.43	198	288512	138.641	ng	97
66) n-Nitrosodiphenylamine	15.57	169	1669726	77.040	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	640926	81.350	ng	97
68) Hexachlorobenzene	16.36	284	699330	77.783	ng	94
69) Atrazine	16.53	200	512513	78.766	ng	98
70) Pentachlorophenol	16.70	266	467190	111.964	ng	98
71) Phenanthrene	17.09	178	3081101	78.599	ng	99
72) Anthracene	17.19	178	3075159	81.066	ng	100
73) Carbazole	17.45	167	3031624	83.881	ng	99
74) Di-n-butylphthalate	18.05	149	2762661	65.446	ng	99
75) Fluoranthene	19.07	202	3559285	80.825	ng	98
77) Benzidine	19.25	184	733225	44.109	ng	96
78) Pyrene	19.42	202	3680888	75.600	ng	99
80) Butylbenzylphthalate	20.32	149	486016	25.424	ng	93
81) Benzo(a)anthracene	21.13	228	3493330	74.182	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	976359	61.474	ng	98
83) Chrysene	21.19	228	3372674	75.979	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	815084	27.164	ng	97
85) Di-n-octyl phthalate	21.97	149	1515569	32.102	ng	95
86) Indeno(1,2,3-cd)pyrene	25.62	276	4326423	76.817	ng	97
88) Benzo(b)fluoranthene	22.70	252	3830849	81.758	ng	98
89) Benzo(k)fluoranthene	22.75	252	3567056	80.777	ng	98
90) Benzo(a)pyrene	23.27	252	3569783	83.502	ng	98
91) Dibenzo(a,h)anthracene	25.64	278	3524118	80.671	ng	97
92) Benzo(g,h,i)perylene	26.30	276	3680173	85.365	ng	98

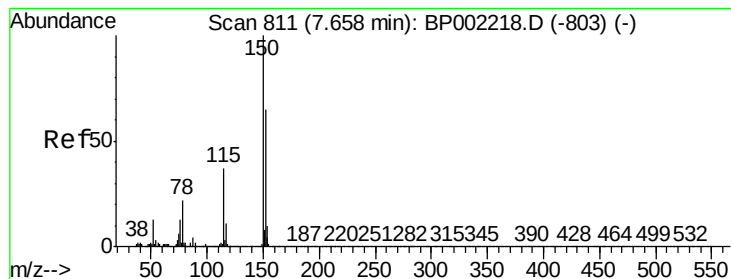
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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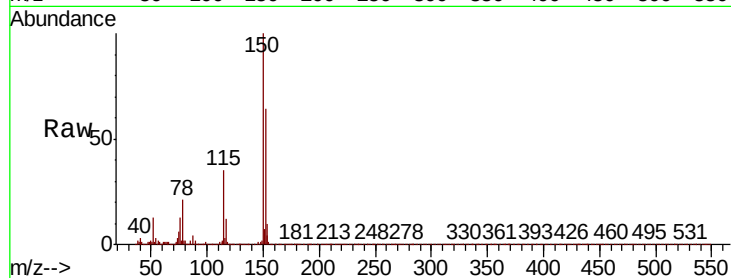


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.4	185.0
115	55.1	45.2	67.8

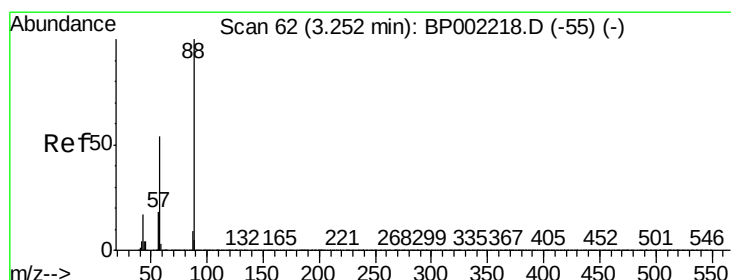
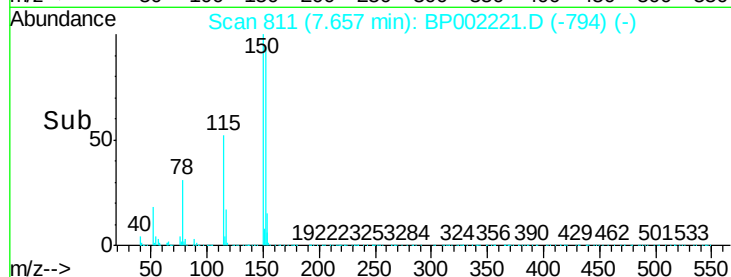
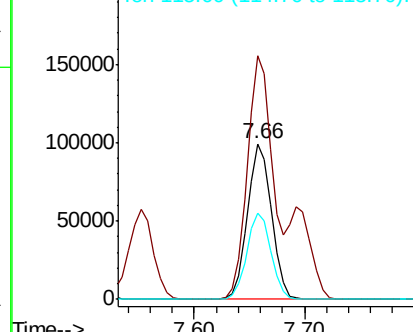


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

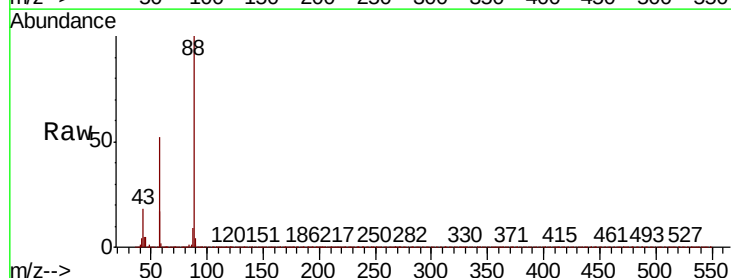
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 70.514 ng
RT: 3.25 min Scan# 62
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.2	42.6	63.8
43	17.9	14.3	21.5

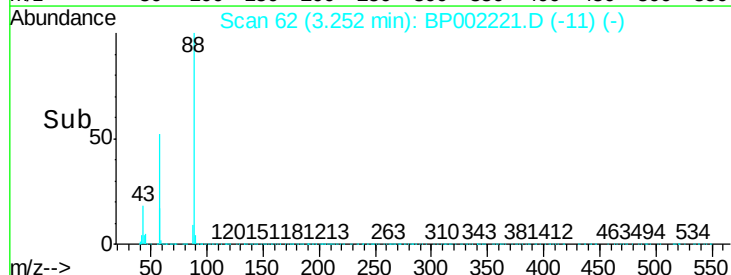
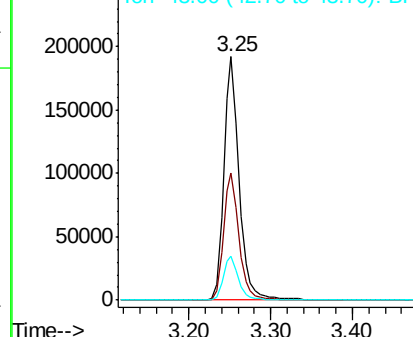


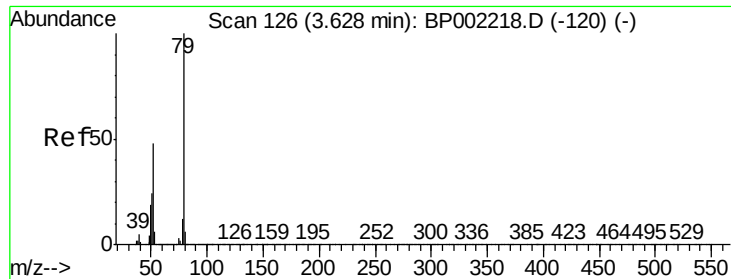
Abundance

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: 67.034 ng

RT: 3.62 min Scan# 125

Delta R.T. -0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampleId :

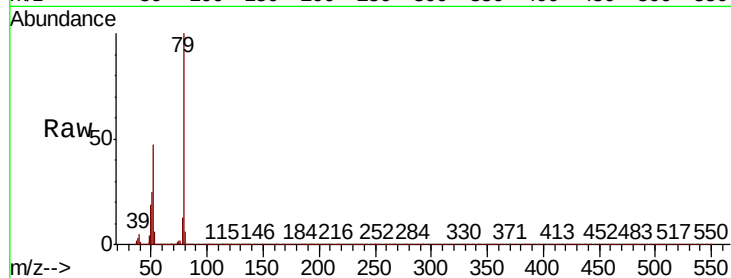
Tot Ion: 79 Resp: 673056

Ion Ratio Lower Upper

79 100

52 46.9 38.1 57.1

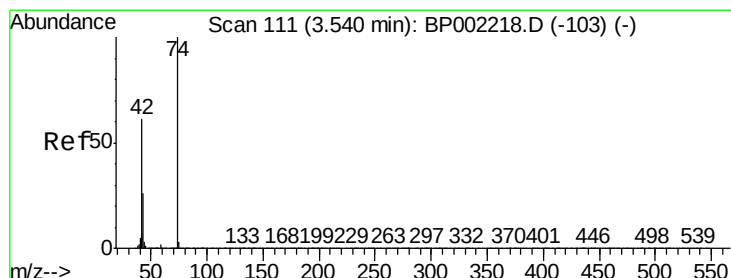
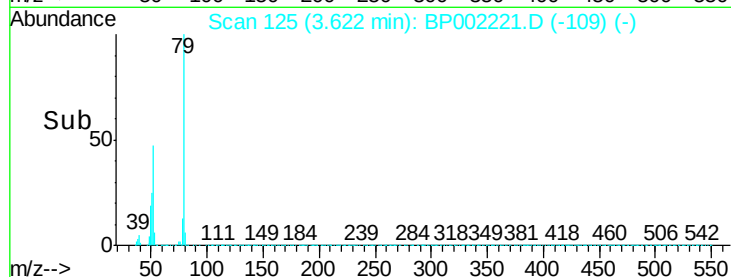
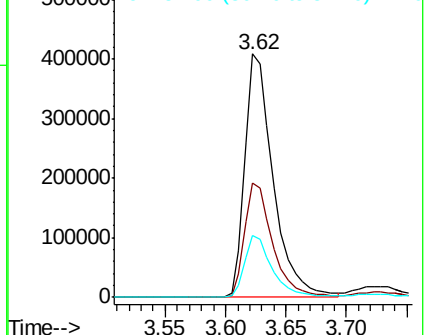
51 25.3 19.5 29.3



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 49.983 ng

RT: 3.54 min Scan# 111

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

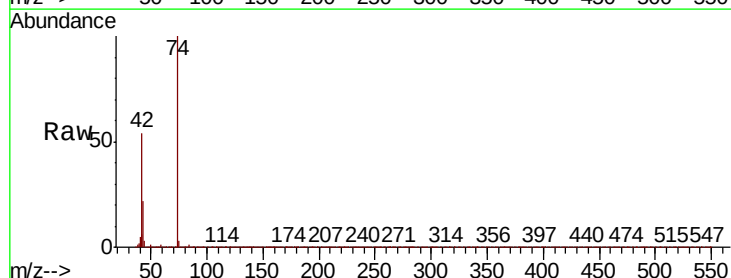
Tgt Ion: 42 Resp: 191354

Ion Ratio Lower Upper

42 100

74 184.2 131.9 197.9

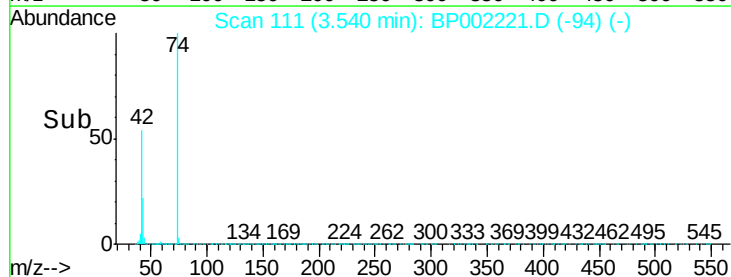
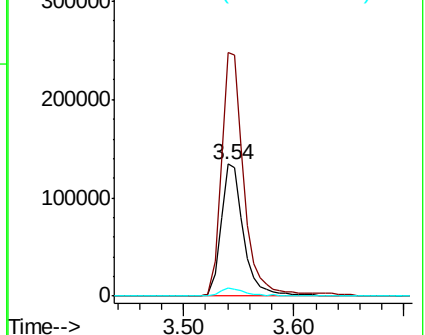
44 6.1 4.8 7.2

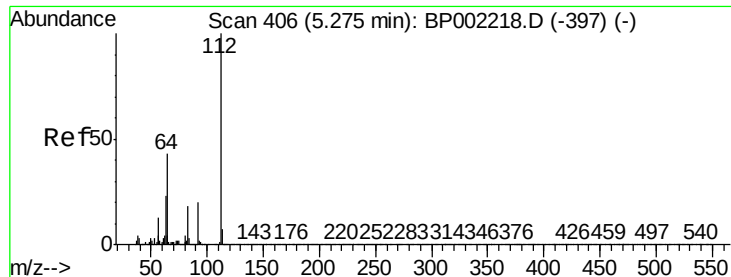


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 145.572 ng

RT: 5.28 min Scan# 406

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

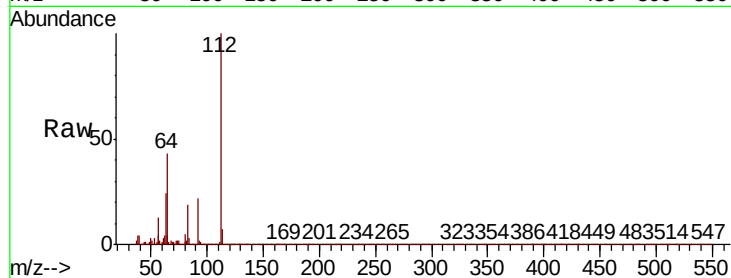
Instrument :

BNA_P

ClientSampleId :

Tot Ion:112 Resp: 1245540

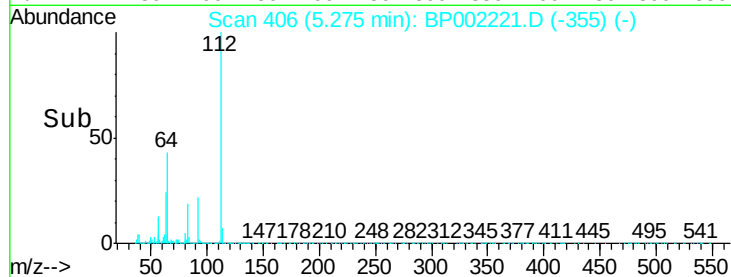
Ion	Ratio	Lower	Upper
112	100		
64	43.3	34.2	51.4
63	24.4	18.6	27.8



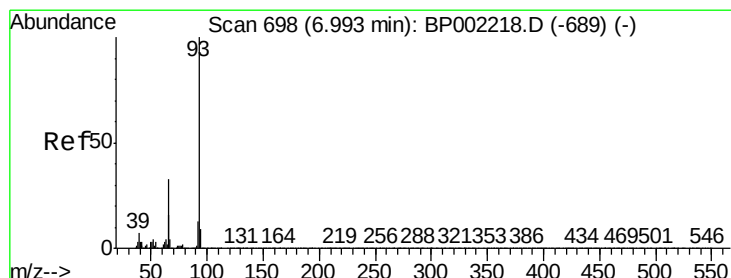
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time--> 5.10 5.20 5.30 5.40



#6

Aniline

Concen: 75.166 ng

RT: 6.99 min Scan# 698

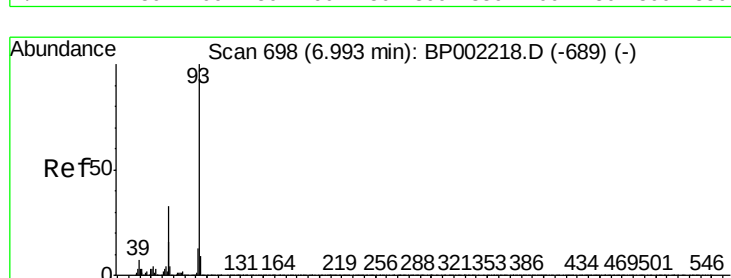
Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Tgt Ion: 93 Resp: 1031472

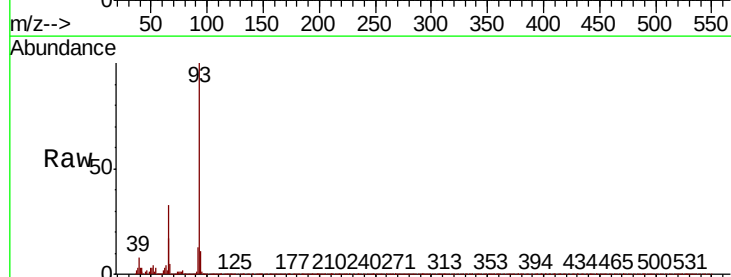
Ion	Ratio	Lower	Upper
93	100		
66	32.8	26.2	39.2
65	17.0	13.0	19.4



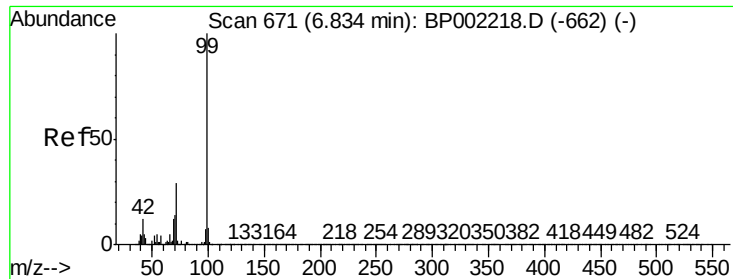
Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0



Time--> 6.90 7.00 7.10



#7

Phenol-d6

Concen: 141.544 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampleId :

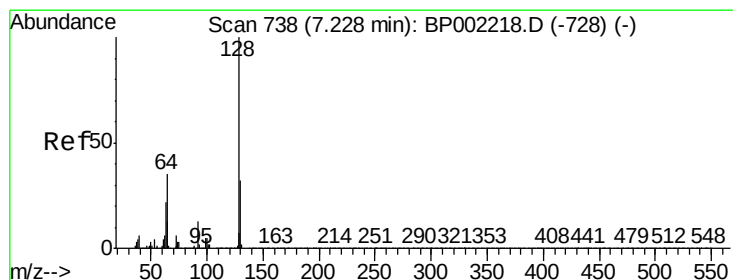
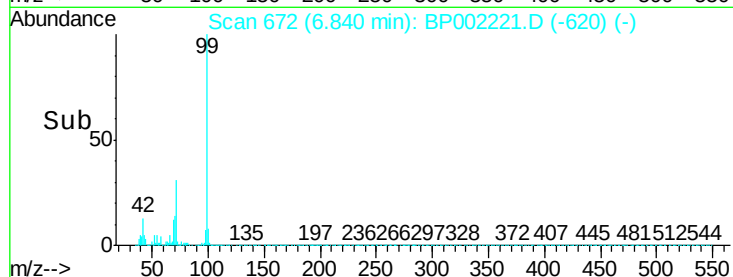
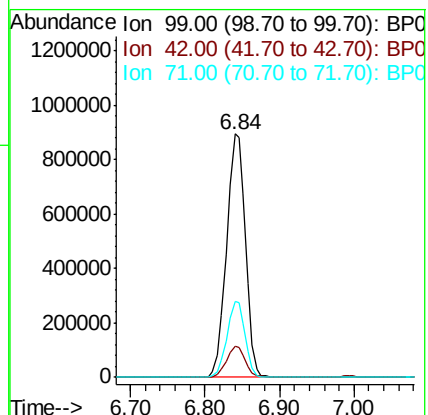
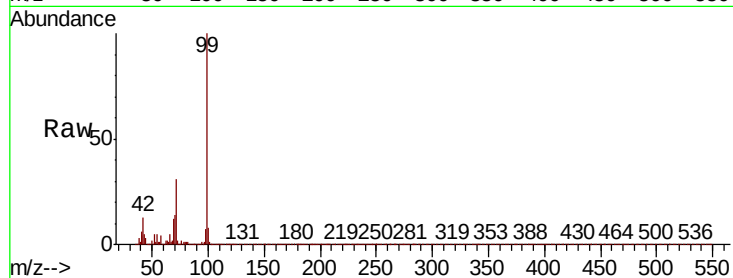
Tot Ion: 99 Resp: 1579545

Ion Ratio Lower Upper

99 100

42 12.6 9.2 13.8

71 31.1 22.8 34.2



#8

2-Chlorophenol

Concen: 80.680 ng

RT: 7.23 min Scan# 738

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

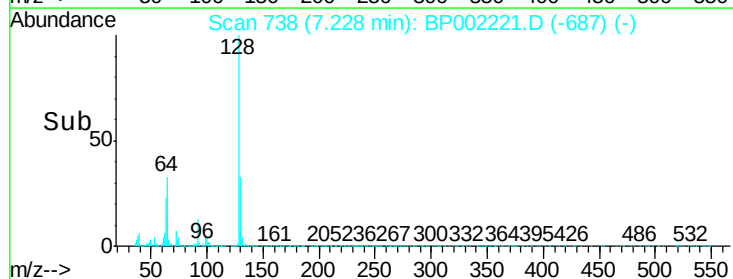
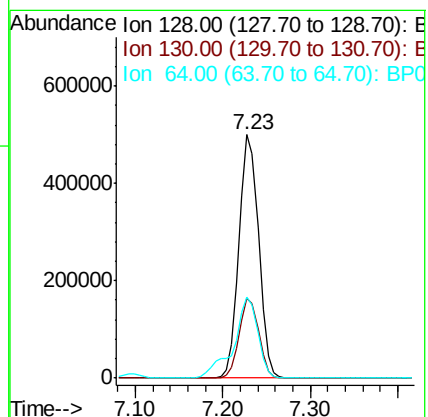
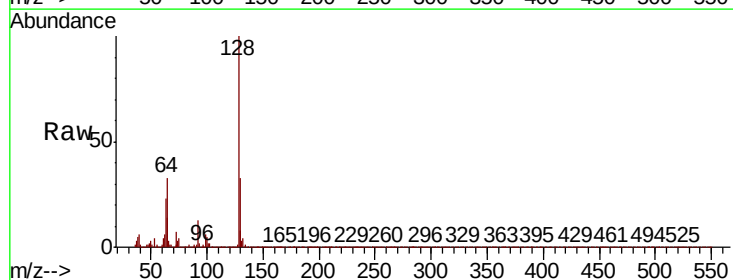
Tgt Ion: 128 Resp: 756930

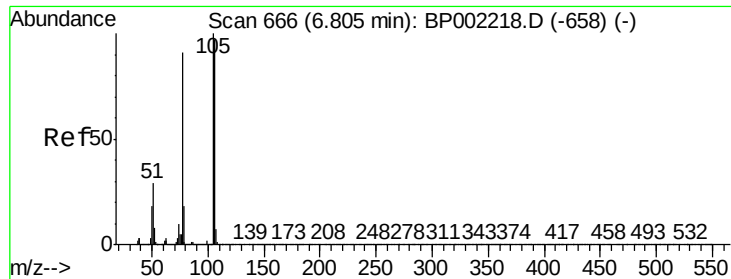
Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

64 33.4 14.9 54.9





#9

Benzaldehyde

Concen: 73.766 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BP002221.D

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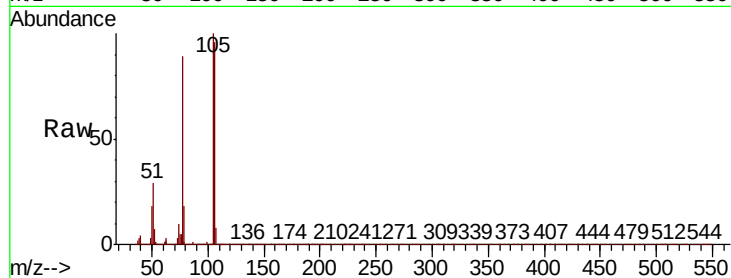
Tot Ion: 77 Resp: 446196

Ion Ratio Lower Upper

77 100

105 113.0 89.3 129.3

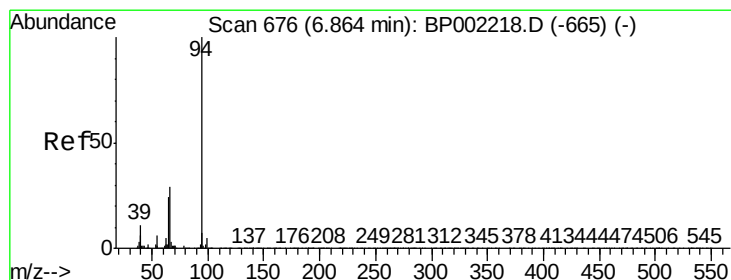
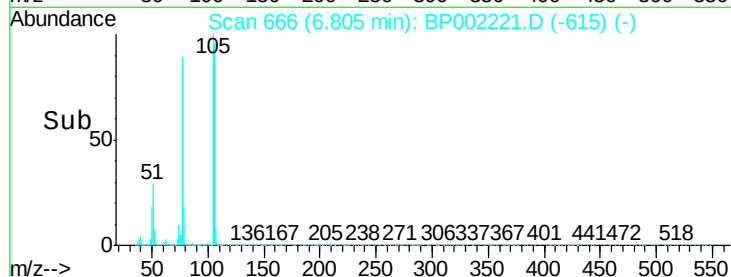
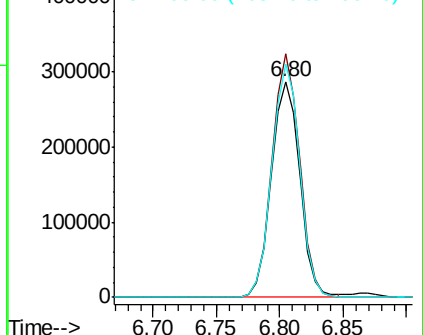
106 108.3 86.1 126.1



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: 72.312 ng

RT: 6.87 min Scan# 677

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

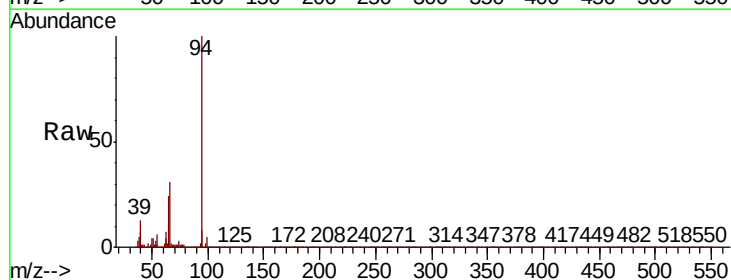
Tgt Ion: 94 Resp: 822273

Ion Ratio Lower Upper

94 100

65 23.7 4.3 44.3

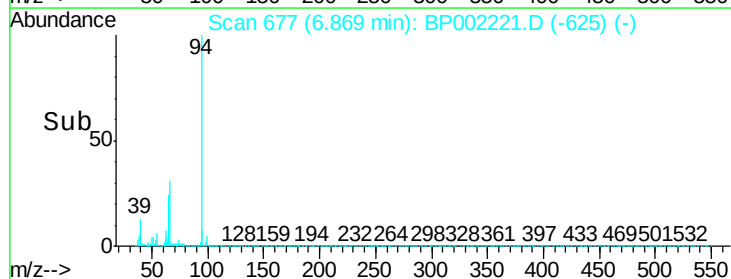
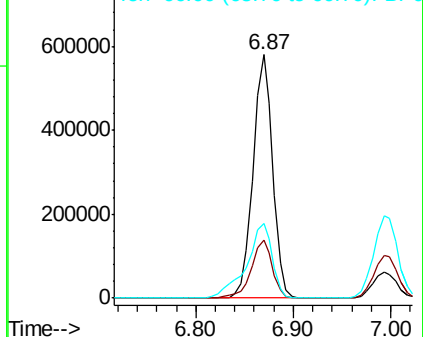
66 30.6 9.5 49.5

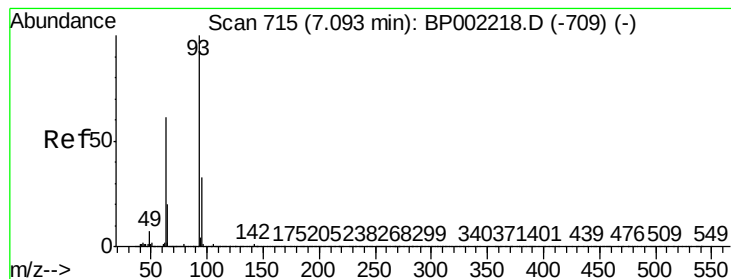


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#11

bis(2-Chloroethyl)ether

Concen: 77.524 ng

RT: 7.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampleId :

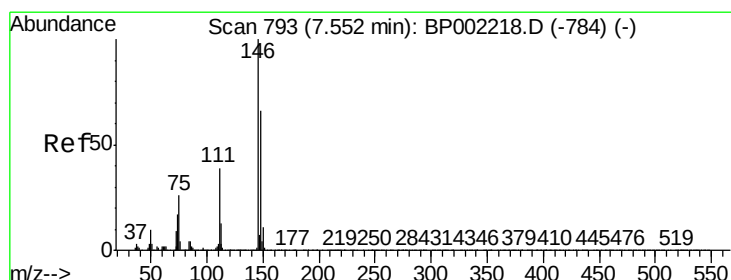
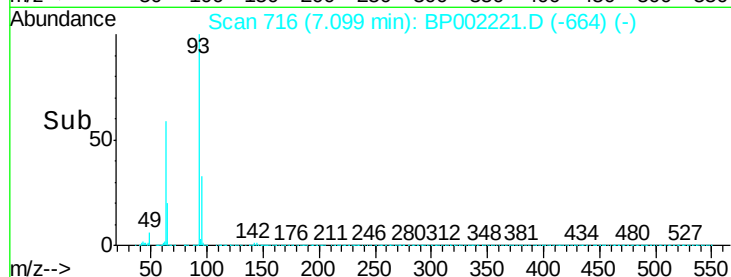
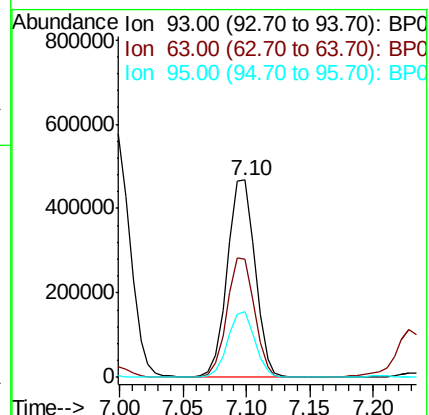
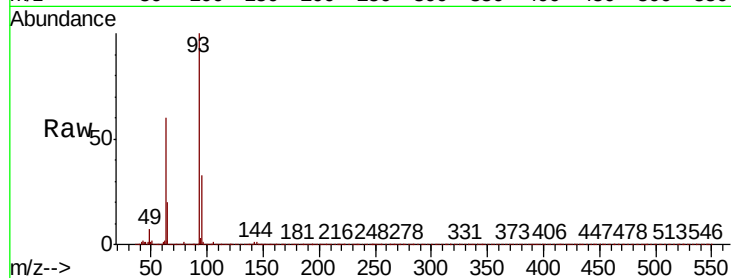
Tot Ion: 93 Resp: 707896

Ion Ratio Lower Upper

93 100

63 60.2 40.3 80.3

95 33.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 75.613 ng

RT: 7.55 min Scan# 793

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

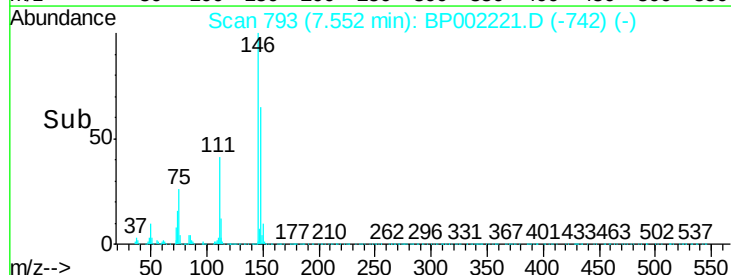
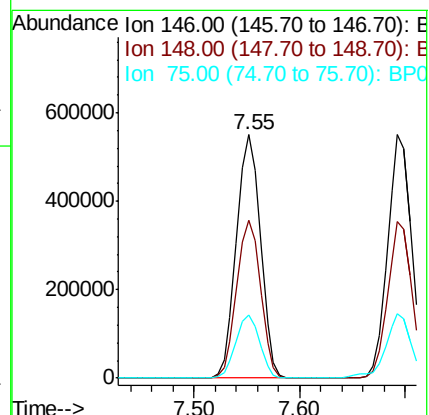
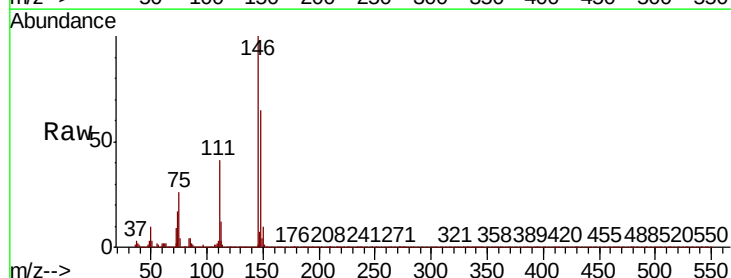
Tgt Ion: 146 Resp: 864728

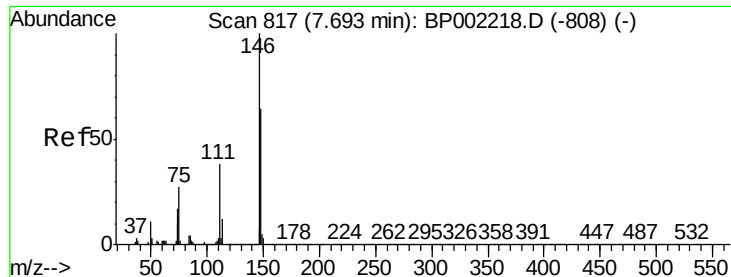
Ion Ratio Lower Upper

146 100

148 65.1 52.8 79.2

75 26.1 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 75.611 ng

RT: 7.69 min Scan# 817

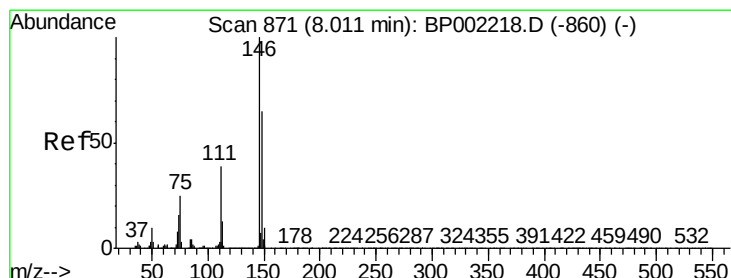
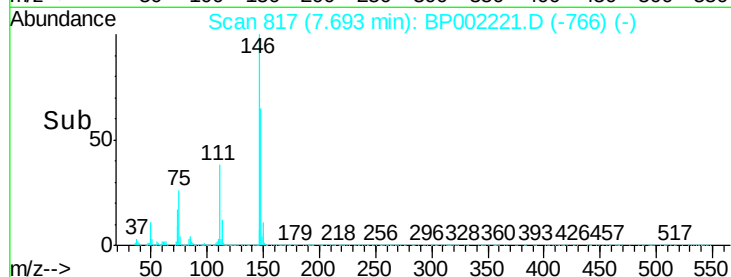
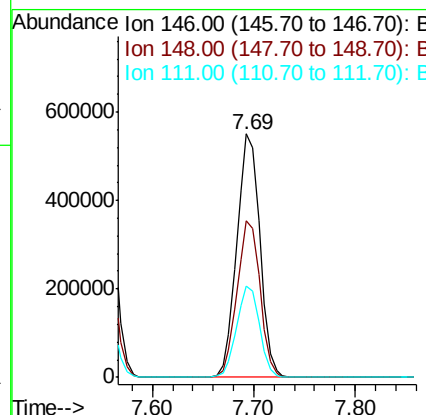
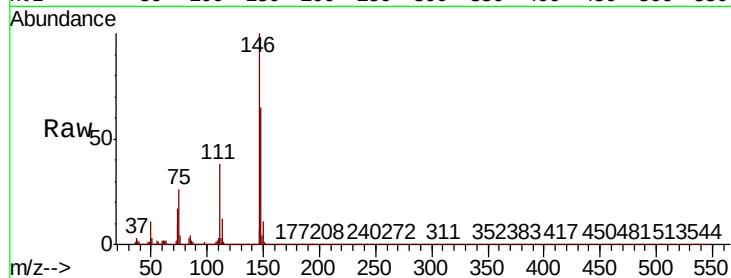
Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	37.7	30.2	45.2



#14

1,2-Dichlorobenzene

Concen: 76.410 ng

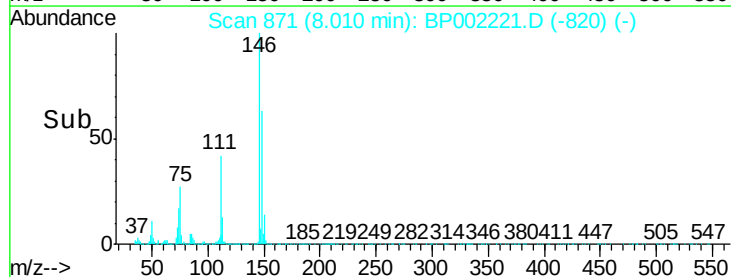
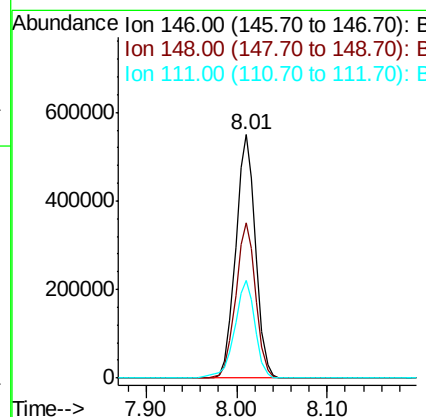
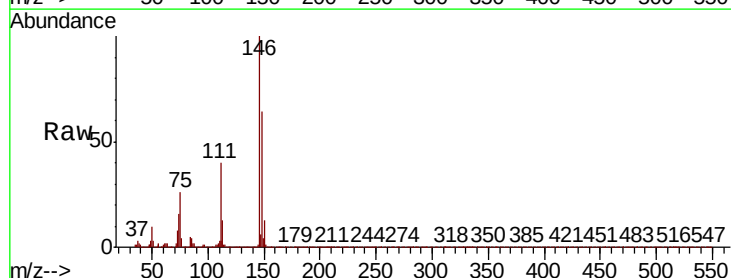
RT: 8.01 min Scan# 871

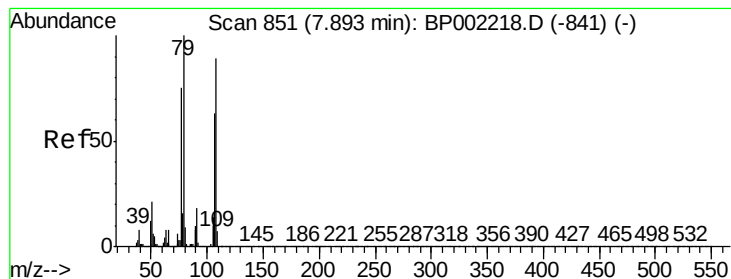
Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	39.9	31.0	46.6





#15

Benzyl Alcohol

Concen: 69.264 ng

RT: 7.90 min Scan# 852

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampleId :

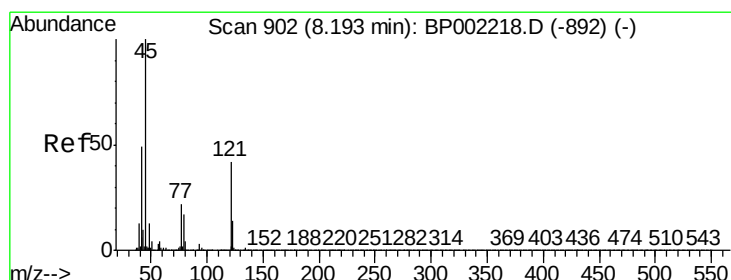
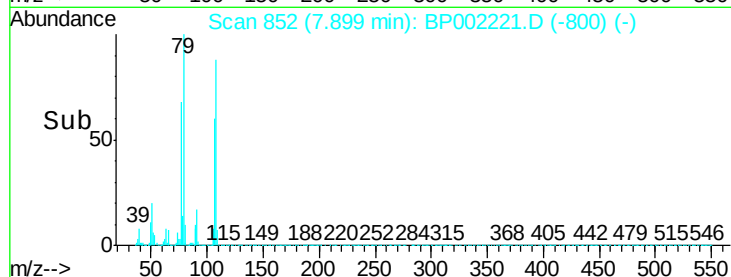
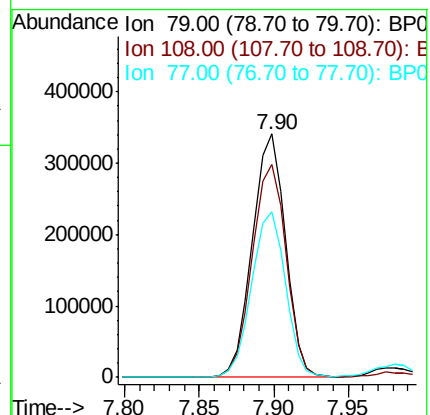
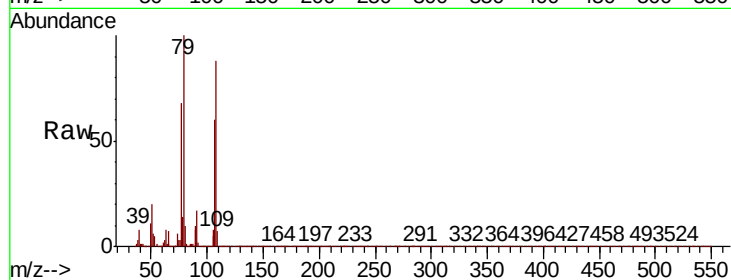
Tot Ion: 79 Resp: 523525

Ion Ratio Lower Upper

79 100

108 87.6 71.0 106.4

77 68.2 59.8 89.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.396 ng

RT: 8.20 min Scan# 903

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

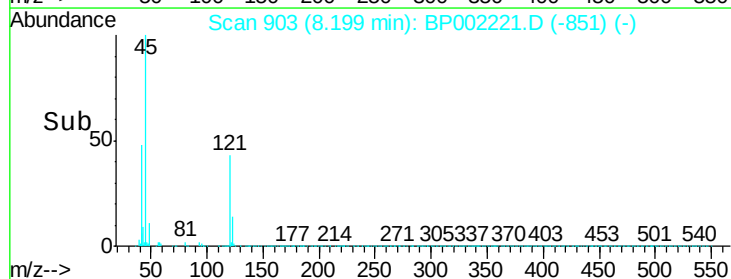
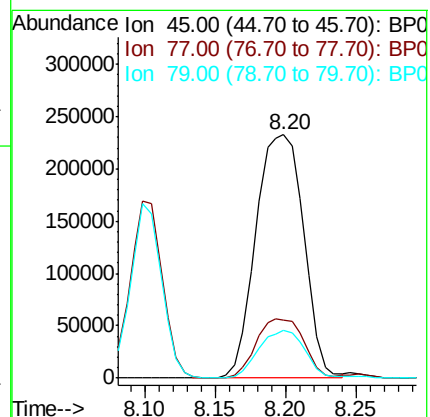
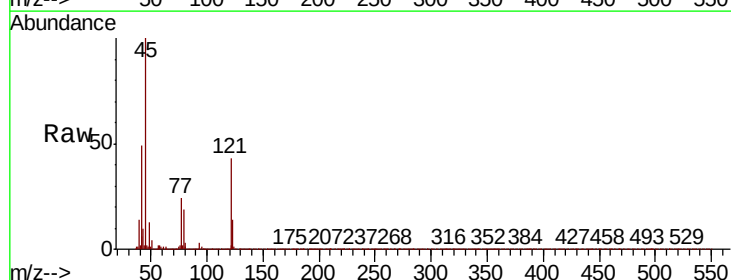
Tgt Ion: 45 Resp: 551926

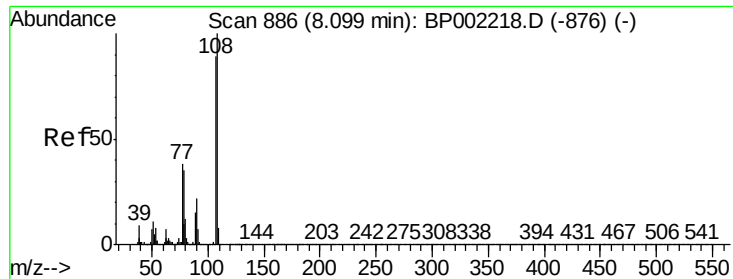
Ion Ratio Lower Upper

45 100

77 24.0 3.1 43.1

79 19.4 0.0 37.5

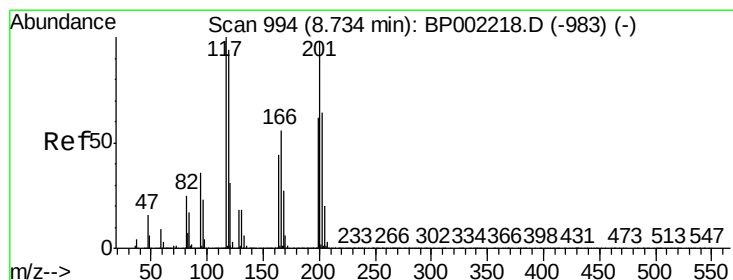
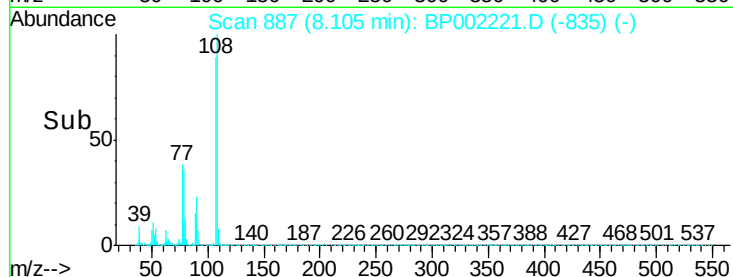
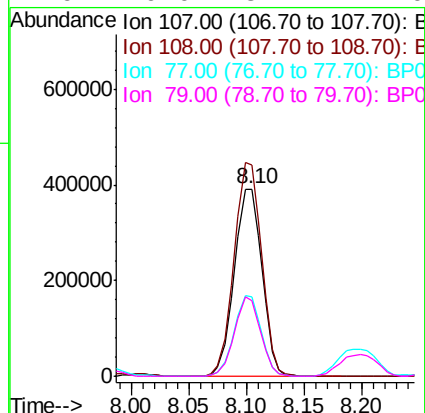
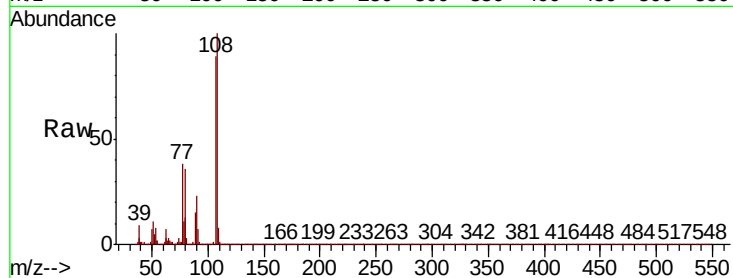




#17
2-Methylphenol
Concen: 86.134 ng
RT: 8.10 min Scan# 887
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

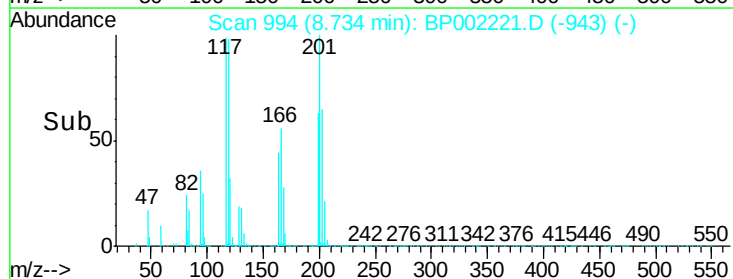
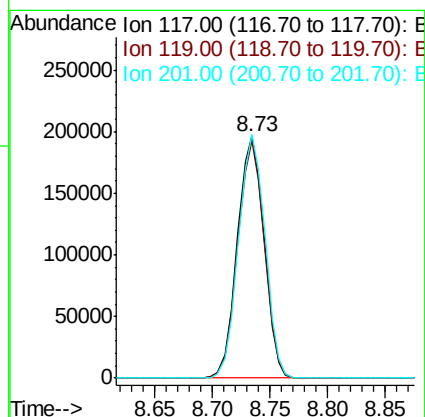
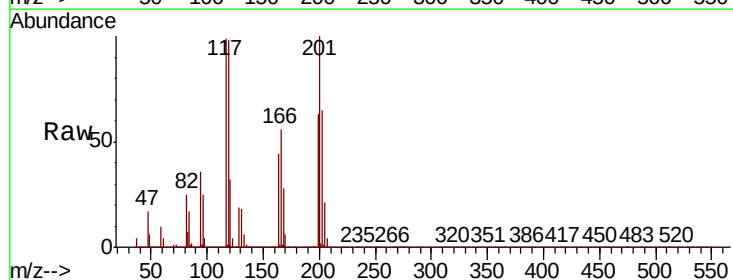
Instrument :
BNA_P
ClientSampleId :

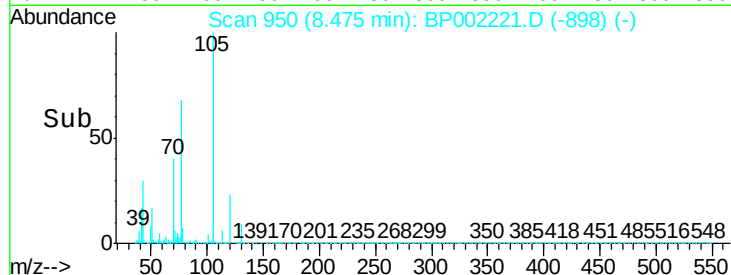
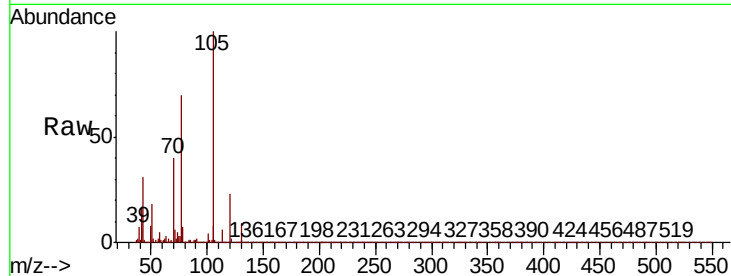
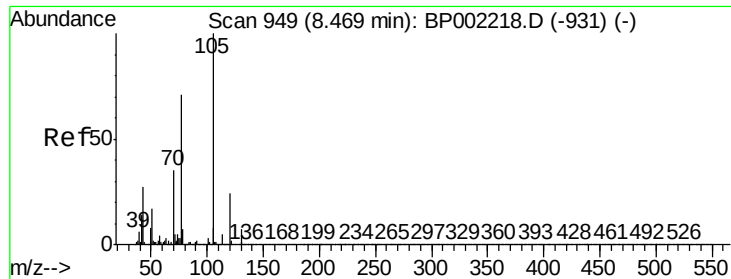
Tot Ion:	107	Resp:	652001
Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.4	134.2
77	42.6	33.8	50.8
79	40.0	31.4	47.0



#18
Hexachloroethane
Concen: 78.789 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:	117	Resp:	315141
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.6	113.4
201	100.6	78.2	117.2

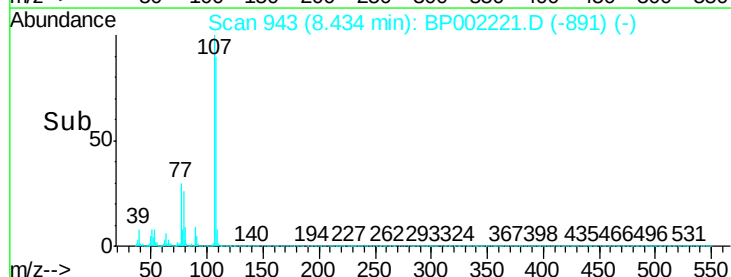
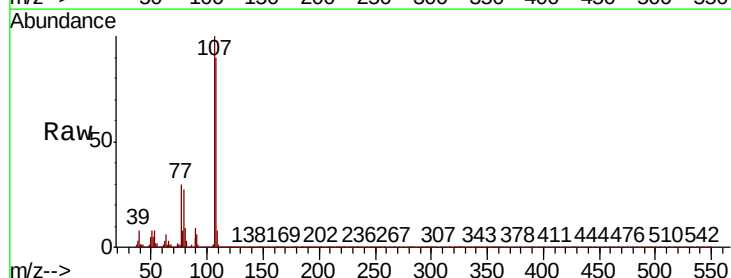
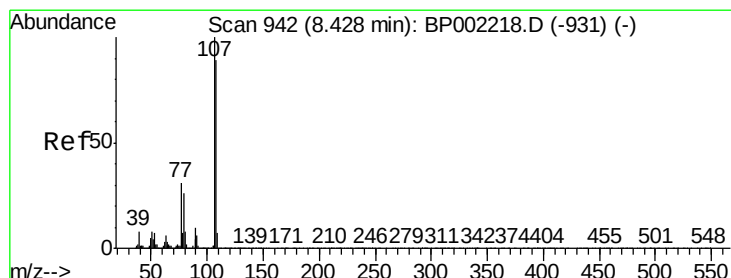
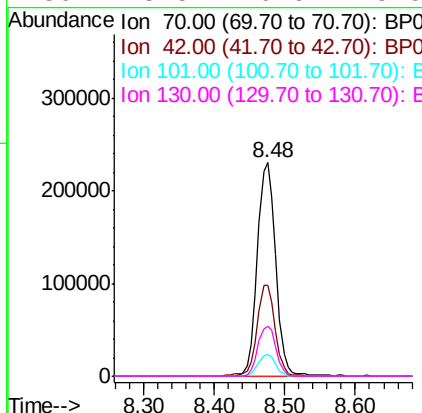




#19
n-Nitroso-di-n-propylamine
Concen: 62.386 ng
RT: 8.48 min Scan# 950
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

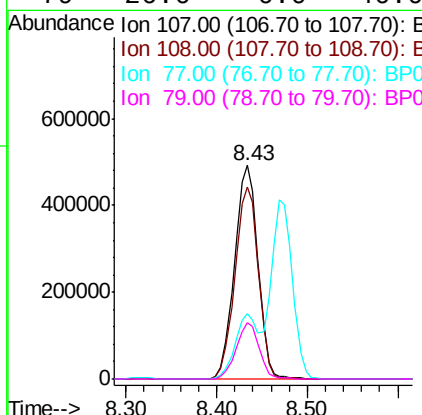
Instrument :
BNA_P
ClientSampleId :

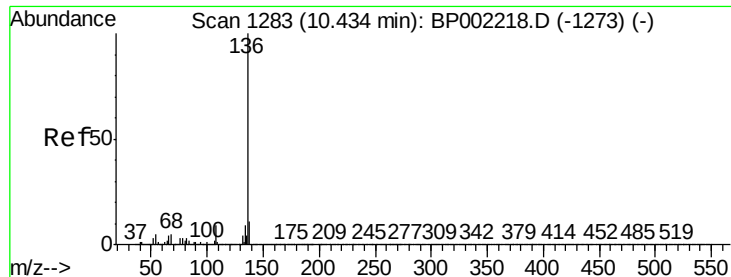
Tot Ion:	70	Resp:	423268
Ion	Ratio	Lower	Upper
70	100		
42	42.8	31.9	47.9
101	10.3	8.1	12.1
130	23.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 87.614 ng
RT: 8.43 min Scan# 943
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:	107	Resp:	884596
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.8	108.8
77	30.4	10.6	50.6
79	26.6	6.0	46.0

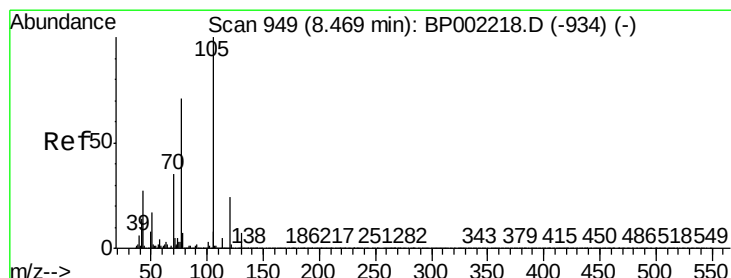
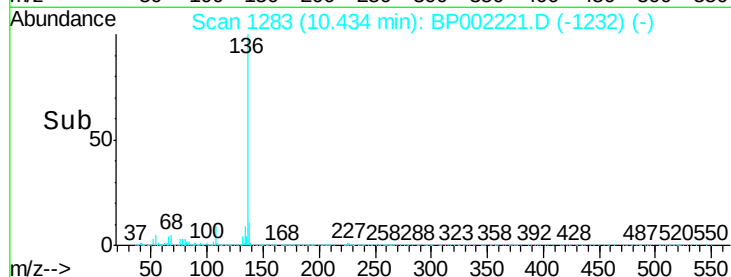
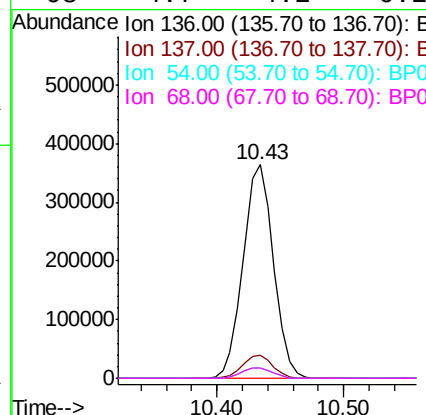
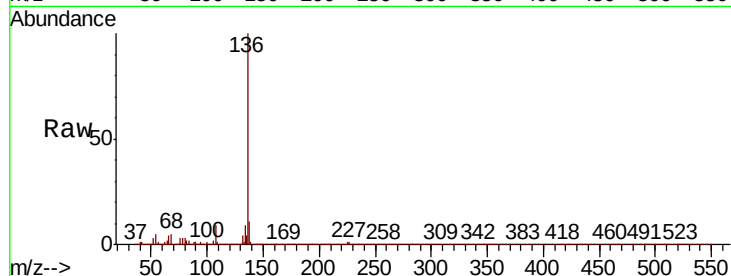




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

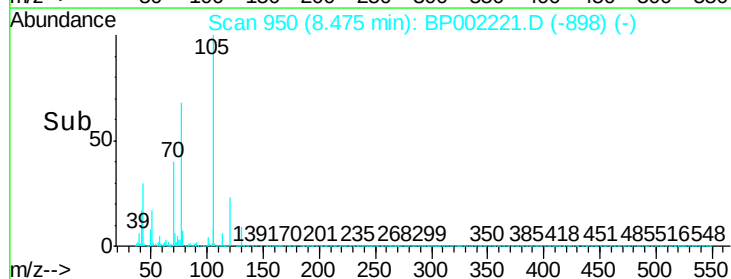
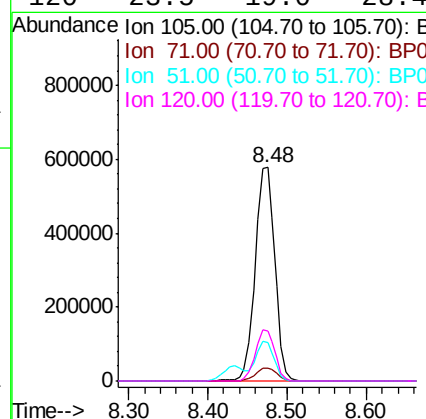
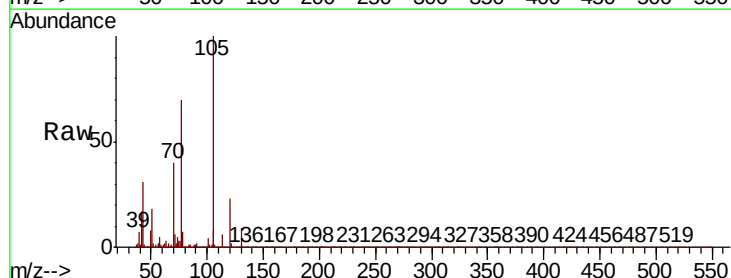
Instrument :
BNA_P
ClientSampleID :

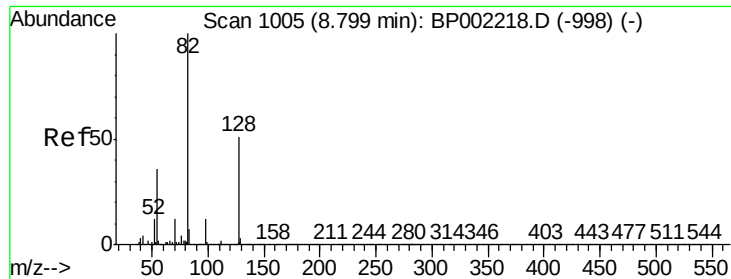
Tot Ion:136	Resp: 601285
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 4.9	3.8 5.8
68 4.7	4.2 6.2



#22
Acetophenone
Concen: 67.699 ng
RT: 8.48 min Scan# 950
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt	Ion:105	Resp:	997025
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.1	6.1#
51	17.8	13.6	20.4
120	23.5	19.0	28.4

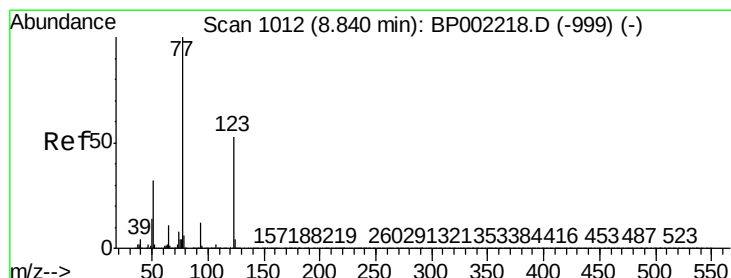
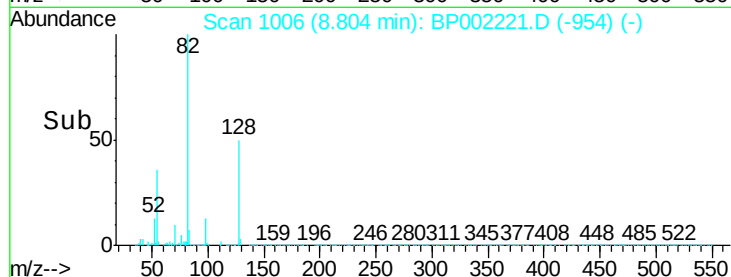
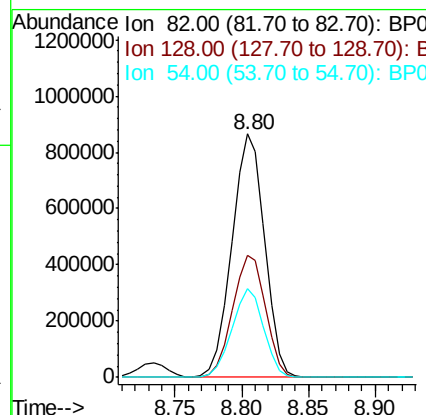
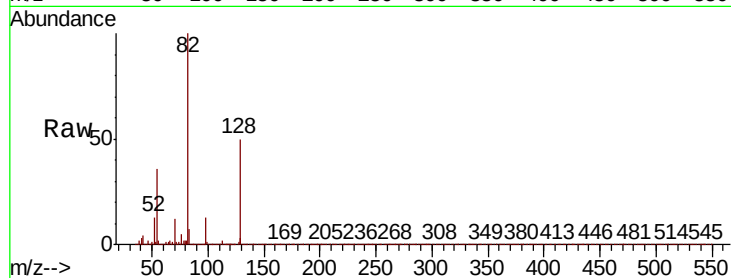




#23
Nitrobenzene-d5
Concen: 150.074 ng
RT: 8.80 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

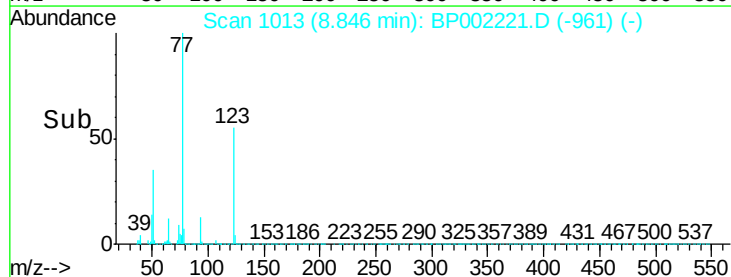
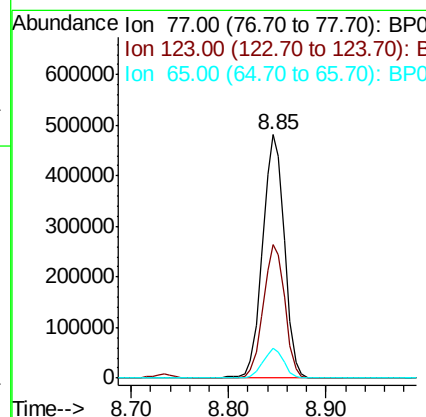
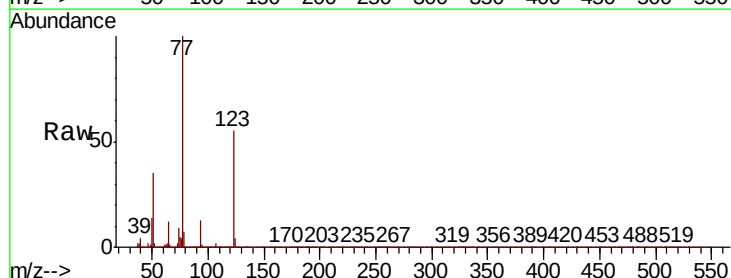
Instrument :
BNA_P
ClientSampled :

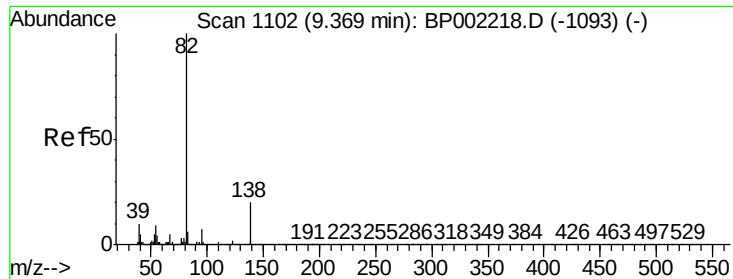
Tot Ion: 82 Resp: 1476140
Ion Ratio Lower Upper
82 100
128 50.0 40.3 60.5
54 36.2 28.6 42.8



#24
Nitrobenzene
Concen: 75.577 ng
RT: 8.85 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion: 77 Resp: 757564
Ion Ratio Lower Upper
77 100
123 54.9 42.6 64.0
65 12.2 9.1 13.7





#25

Isophorone

Concen: 80.954 ng

RT: 9.38 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampled :

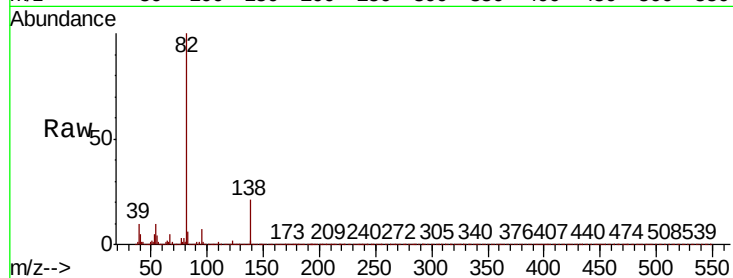
Tot Ion: 82 Resp: 1488447

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

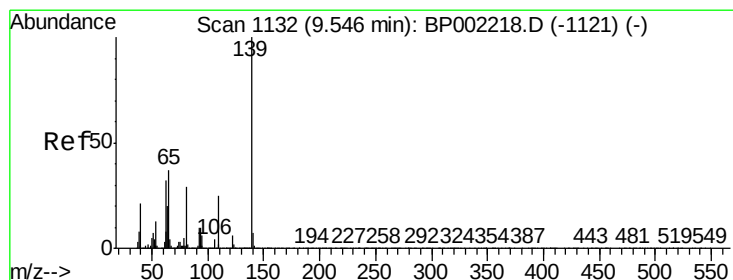
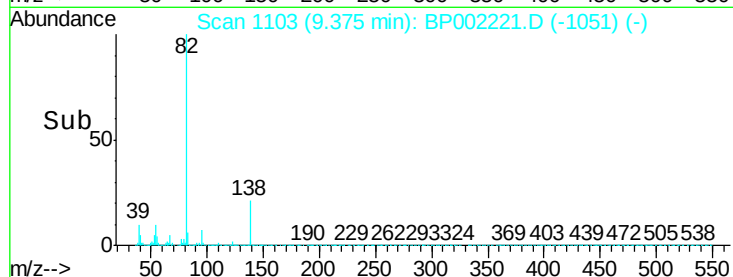
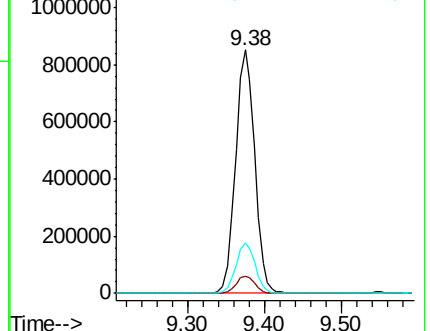
138 20.5 16.0 24.0



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 109.450 ng

RT: 9.55 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

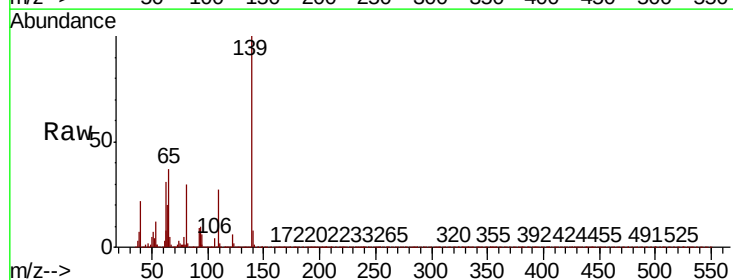
Tgt Ion: 139 Resp: 377176

Ion Ratio Lower Upper

139 100

109 26.6 20.0 30.0

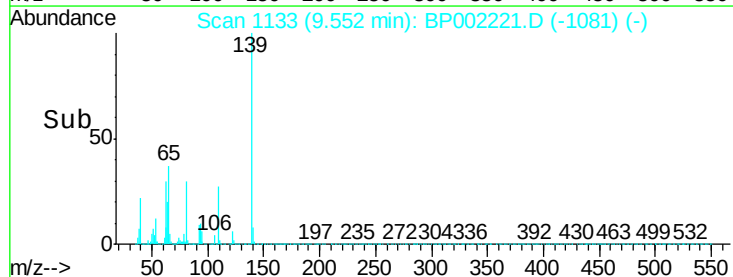
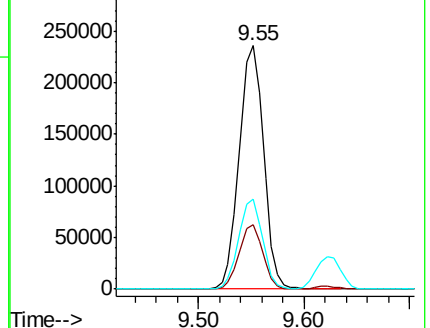
65 37.2 30.0 45.0

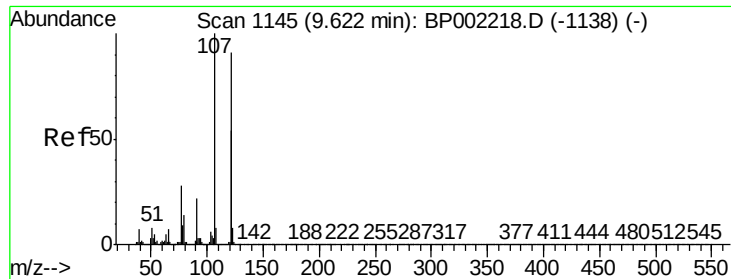


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

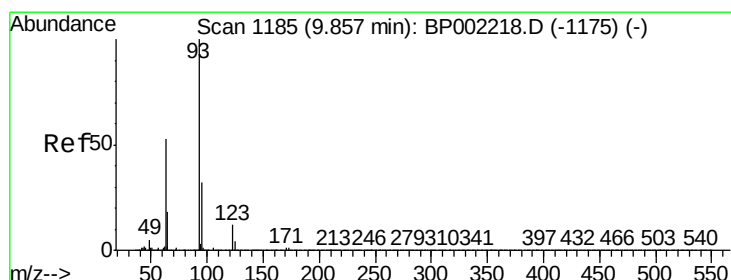
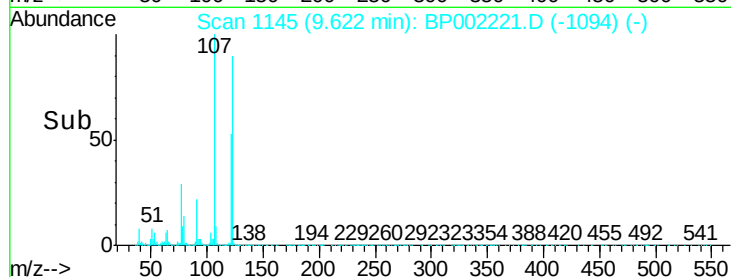
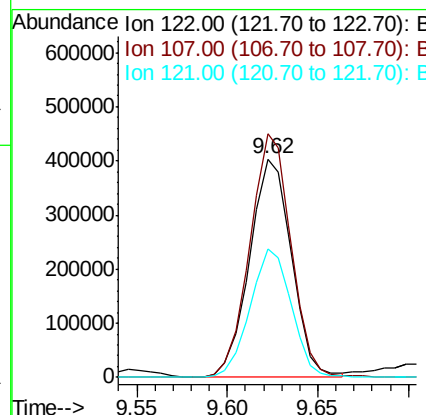
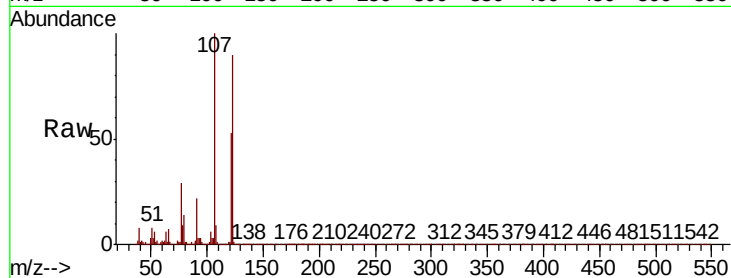




#27
2,4-Dimethylphenol
Concen: 88.892 ng
RT: 9.62 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

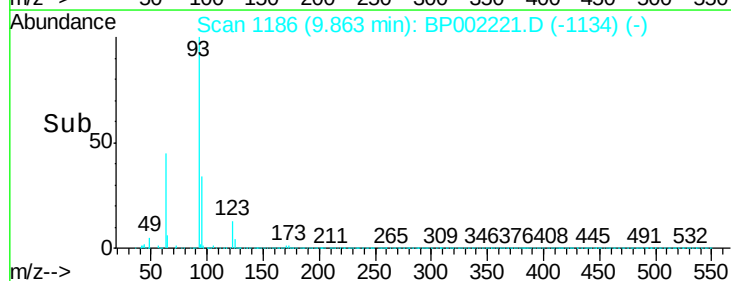
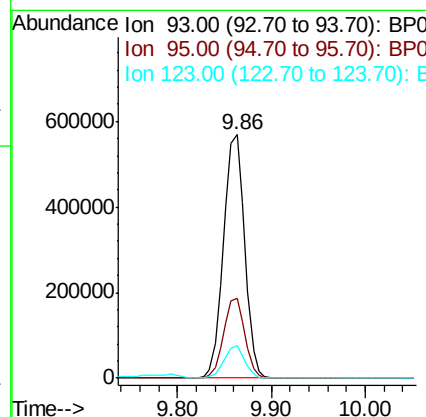
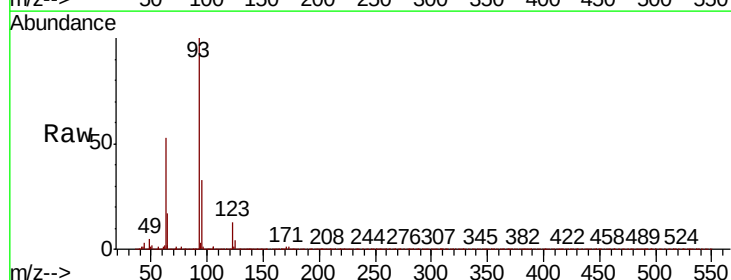
Instrument :
BNA_P
ClientSampleId :

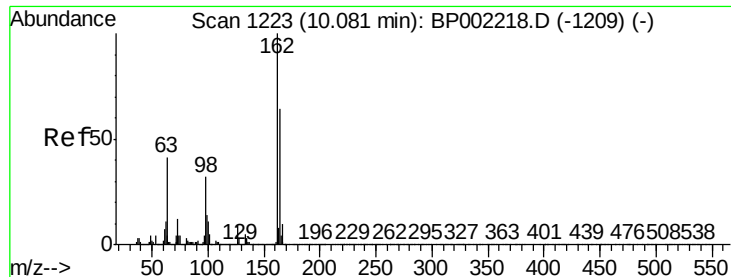
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	87.8	131.8
121	58.5	47.8	71.6



#28
bis(2-Chloroethoxy)methane
Concen: 71.808 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.5	38.3
123	13.2	9.8	14.8

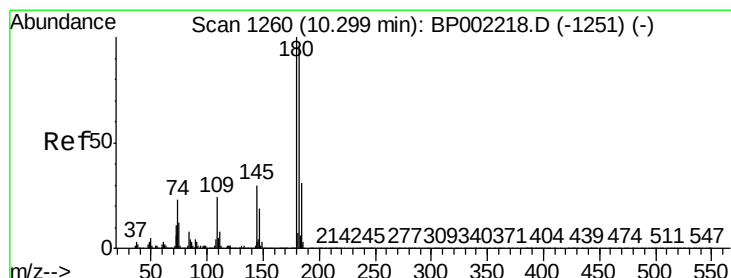
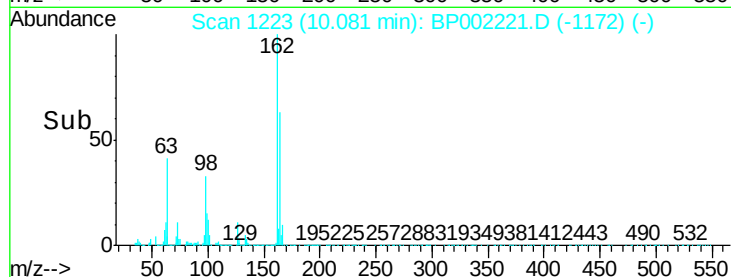
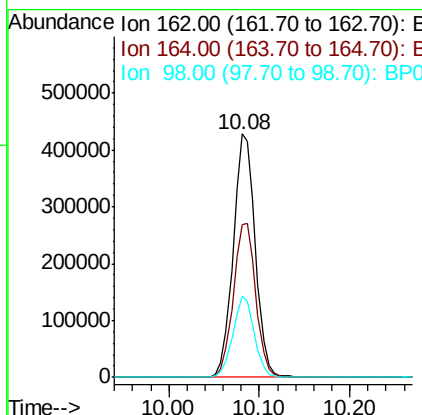
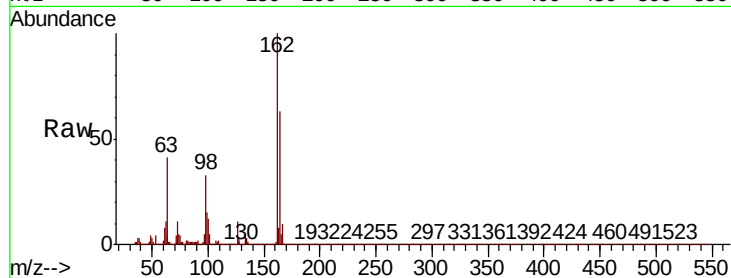




#29
 2,4-Dichlorophenol
 Concen: 85.295 ng
 RT: 10.08 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

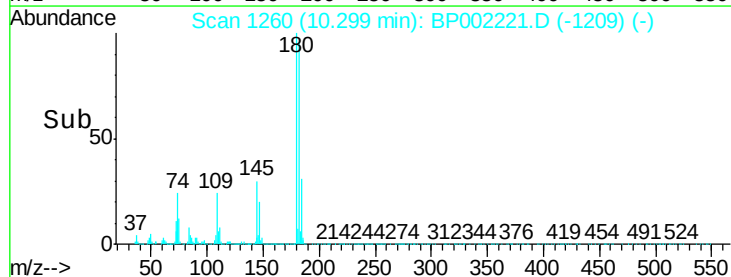
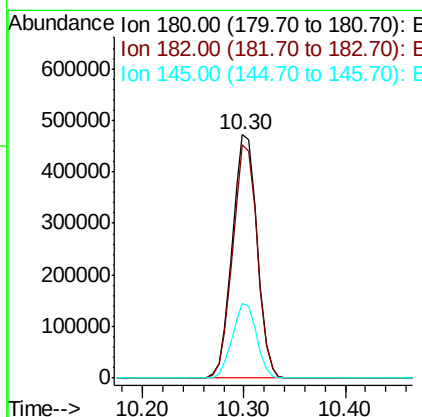
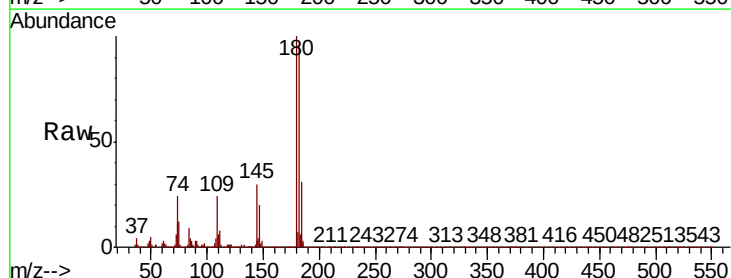
Instrument :
 BNA_P
 ClientSampled :

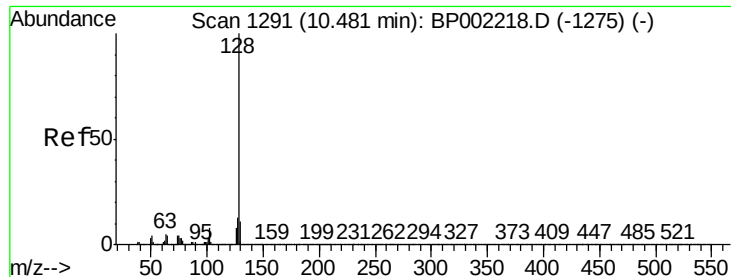
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.1	84.1
98	33.1	12.3	52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 76.706 ng
 RT: 10.30 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	30.4	23.8	35.6

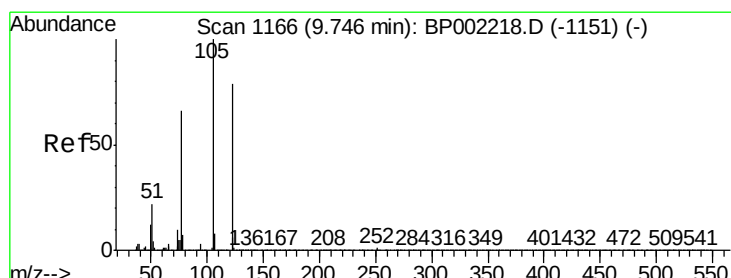
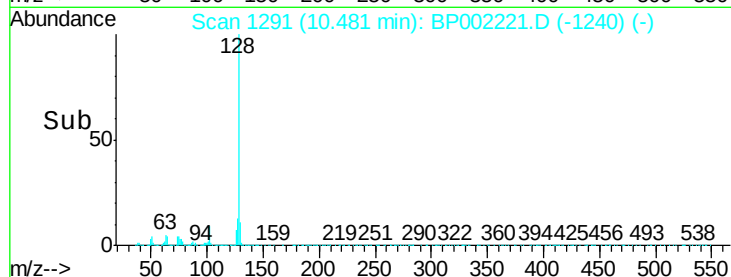
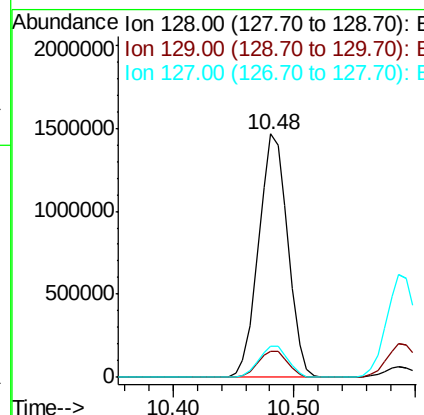
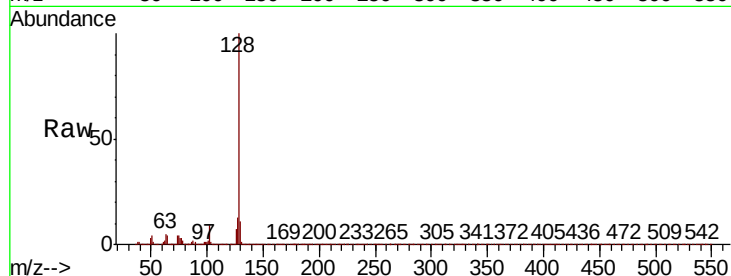




#31
Naphthalene
Concen: 80.233 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

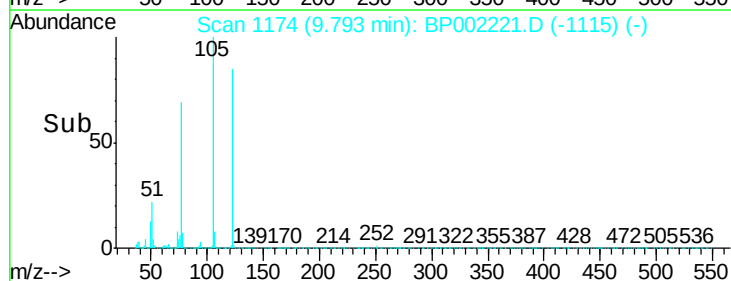
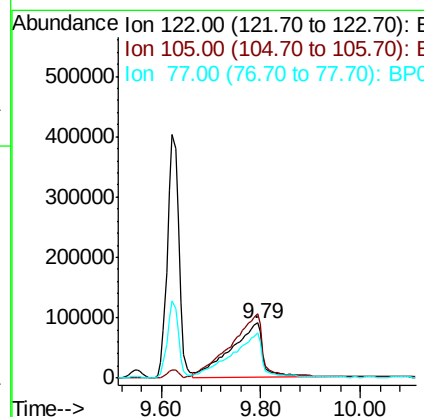
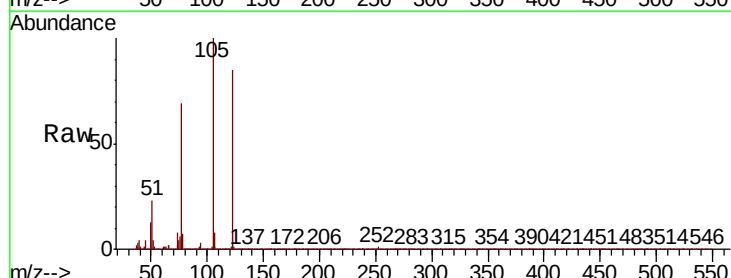
Instrument :
BNA_P
ClientSampleId :

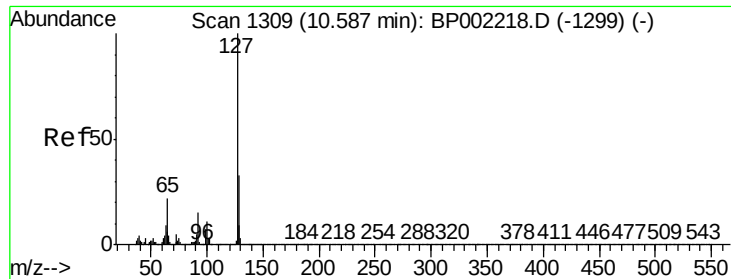
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.1	10.6	15.8



#32
Benzoic acid
Concen: 116.974 ng
RT: 9.79 min Scan# 1174
Delta R.T. 0.05 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.3	98.8	138.8
77	80.9	61.4	101.4

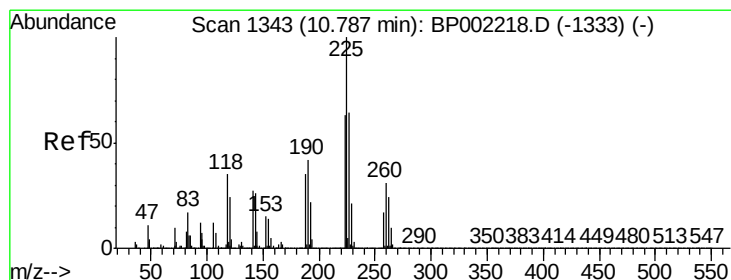
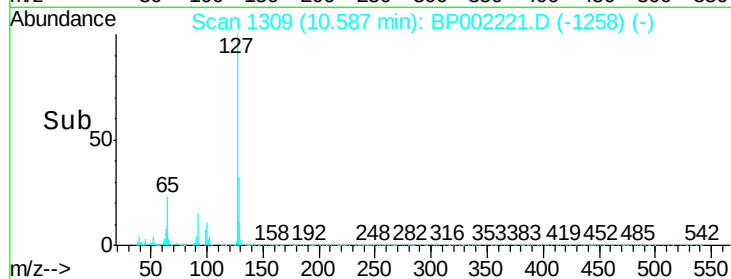
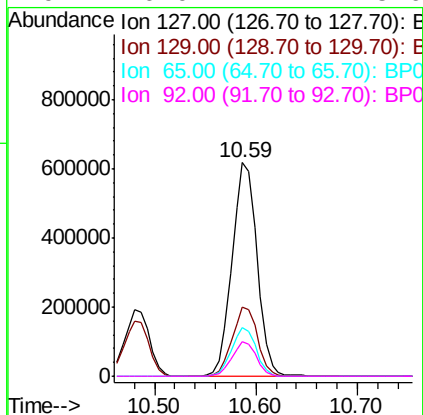
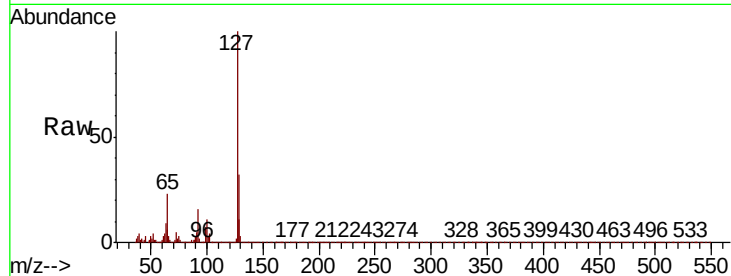




#33
4-Chloroaniline
Concen: 80.761 ng
RT: 10.59 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

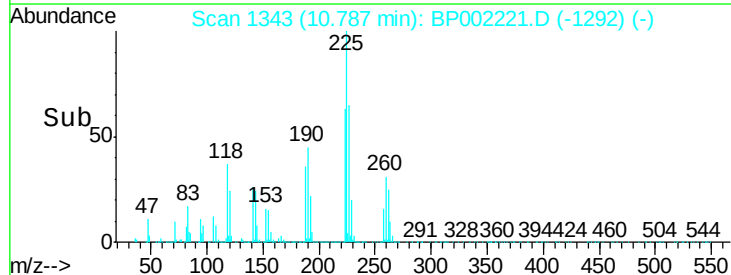
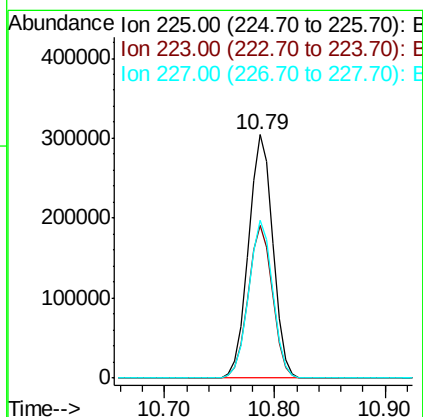
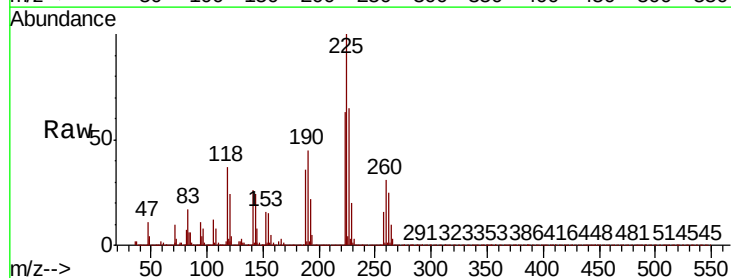
Instrument :
BNA_P
ClientSampleId :

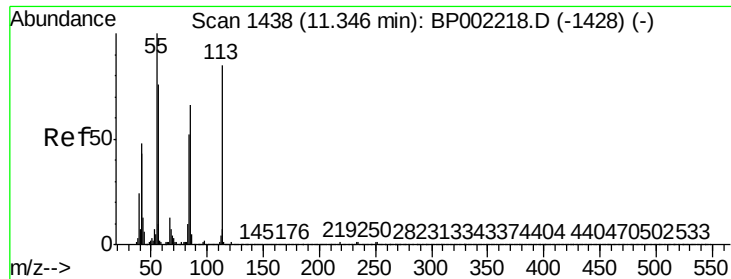
Tot Ion:127 Resp: 1057254
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 22.7 17.8 26.8
92 16.0 12.4 18.6



#34
Hexachlorobutadiene
Concen: 76.106 ng
RT: 10.79 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:225 Resp: 472229
Ion Ratio Lower Upper
225 100
223 62.7 50.6 75.8
227 64.8 51.3 76.9

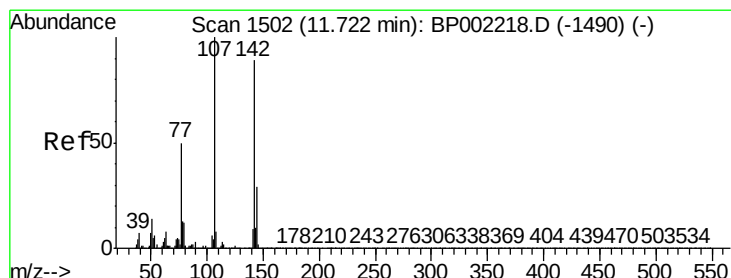
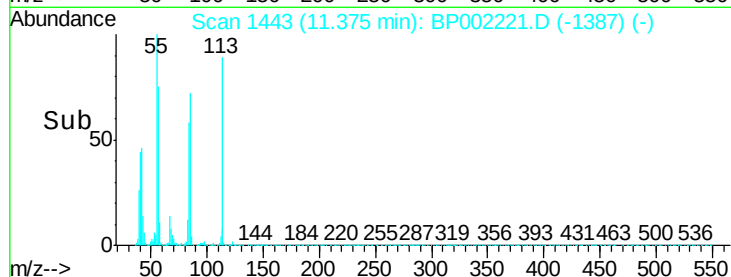
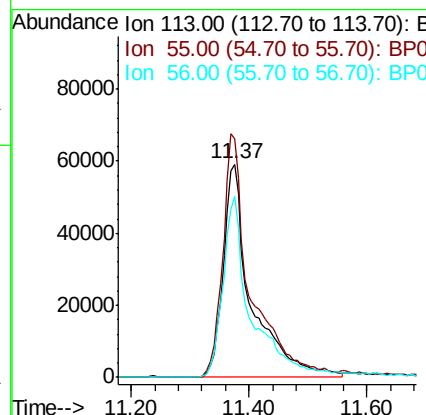
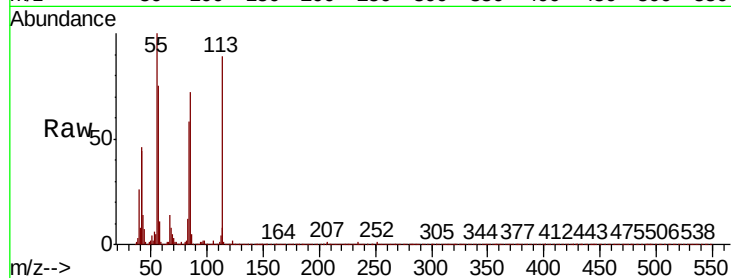




#35
Caprolactam
Concen: 75.918 ng
RT: 11.37 min Scan# 1443
Delta R.T. 0.03 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

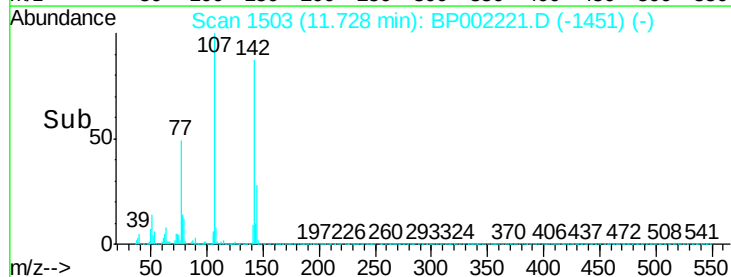
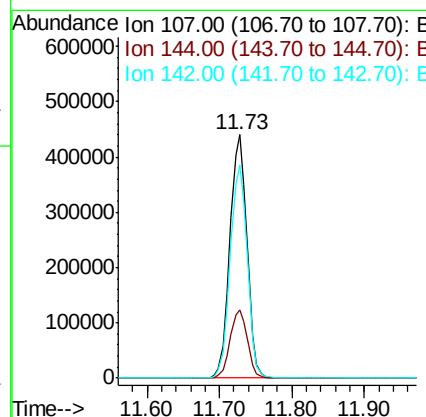
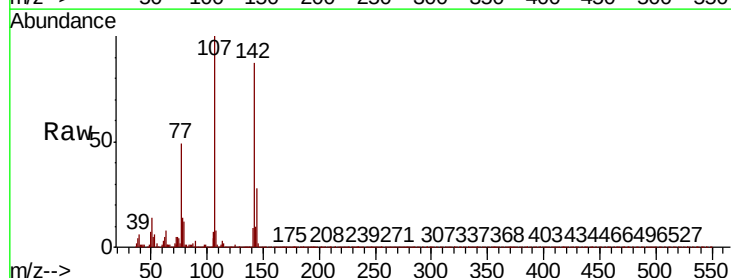
Instrument :
BNA_P
ClientSampleId :

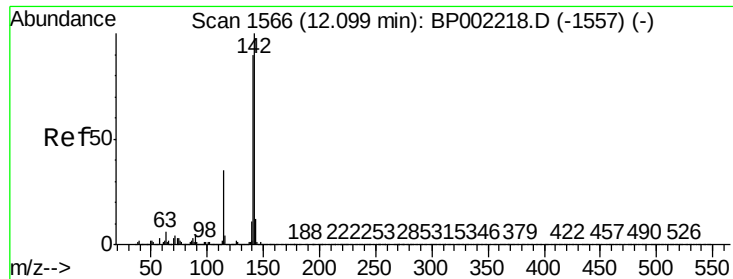
Tot Ion:113 Resp: 196155
Ion Ratio Lower Upper
113 100
55 112.2 97.5 137.5
56 84.6 68.7 108.7



#36
4-Chloro-3-methylphenol
Concen: 83.102 ng
RT: 11.73 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:107 Resp: 721408
Ion Ratio Lower Upper
107 100
144 28.3 23.0 34.6
142 87.3 70.9 106.3

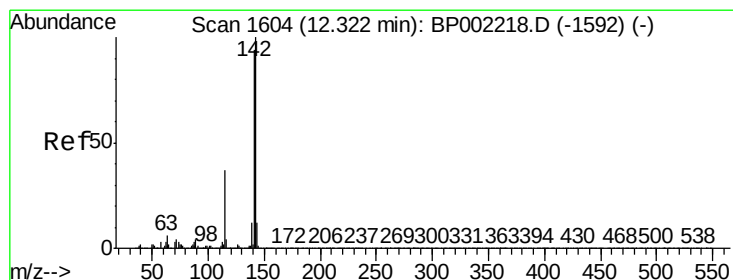
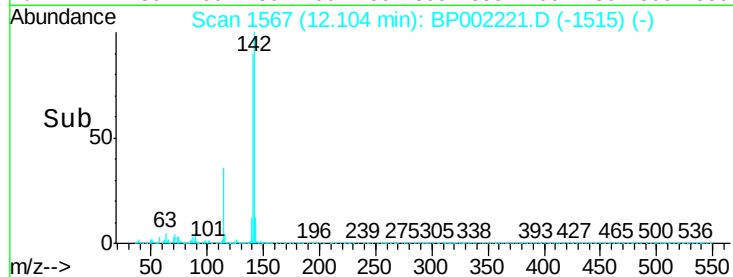
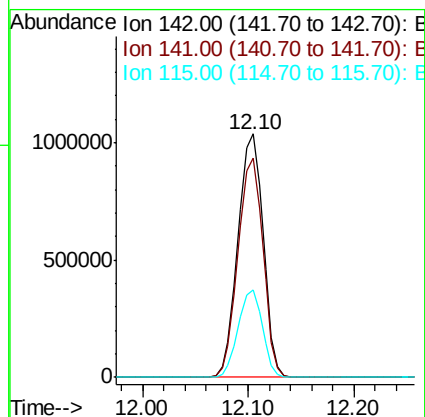
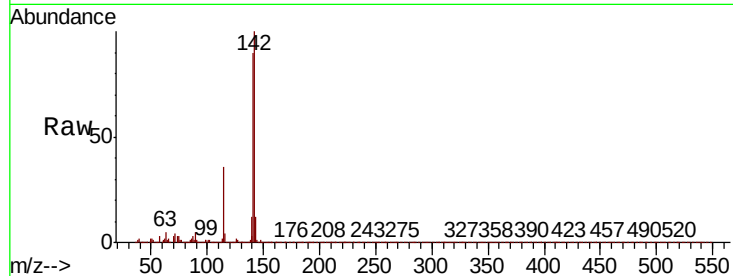




#37
2-Methylnaphthalene
Concen: 79.458 ng
RT: 12.10 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

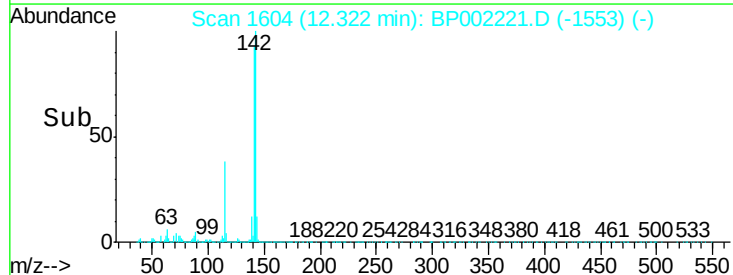
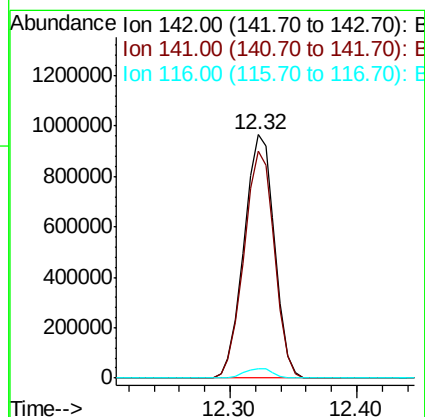
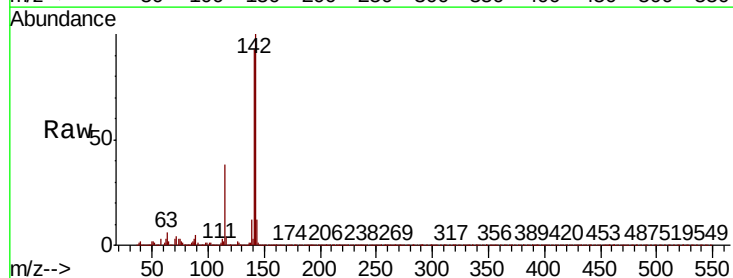
Instrument :
BNA_P
ClientSampled :

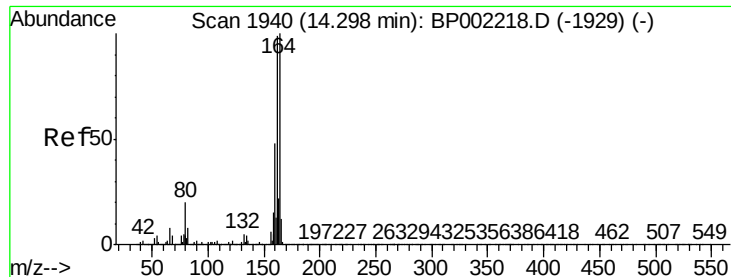
Tot Ion:142 Resp: 1705976
Ion Ratio Lower Upper
142 100
141 90.3 72.4 108.6
115 35.9 27.8 41.6



#38
1-Methylnaphthalene
Concen: 79.159 ng
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:142 Resp: 1610161
Ion Ratio Lower Upper
142 100
141 93.1 74.9 112.3
116 4.0 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: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampleId :

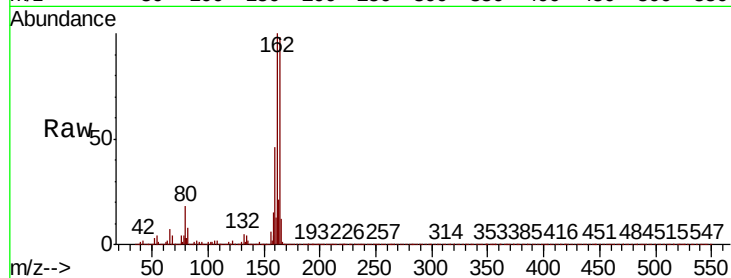
Tot Ion:164 Resp: 348776

Ion Ratio Lower Upper

164 100

162 101.9 79.0 118.6

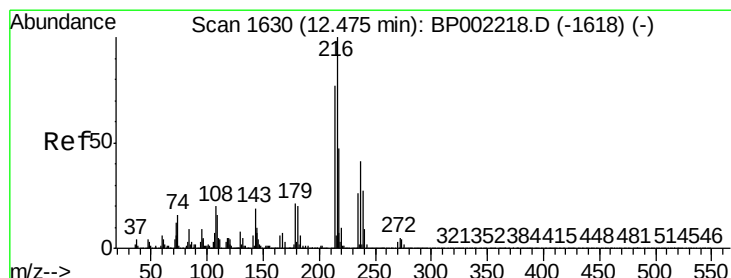
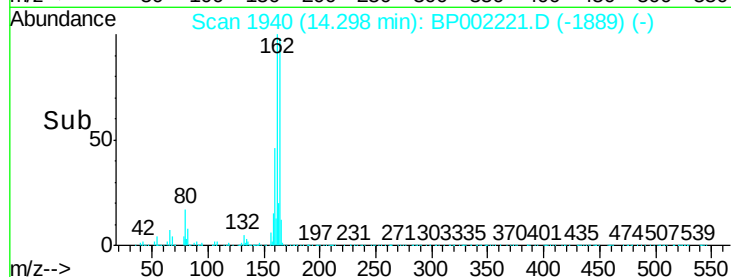
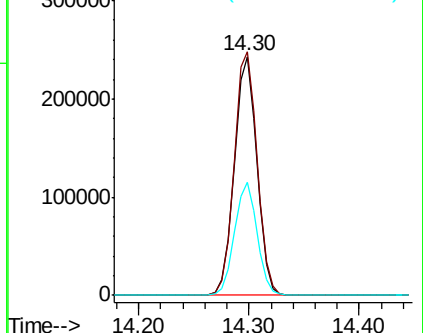
160 47.3 38.4 57.6



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: 72.288 ng

RT: 12.48 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Tgt Ion:216 Resp: 802129

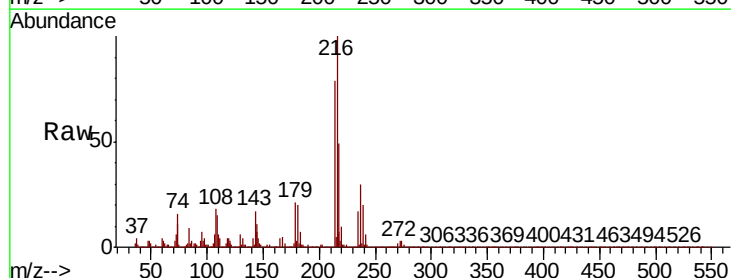
Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.4

179 20.8 16.6 25.0

108 19.4 15.8 23.8

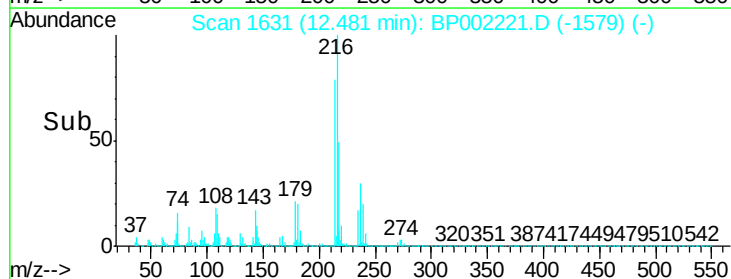
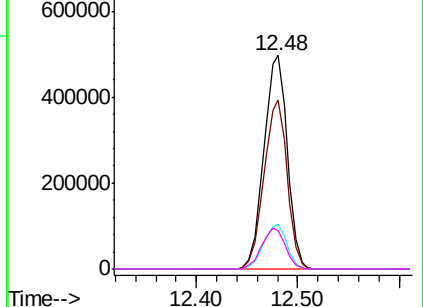


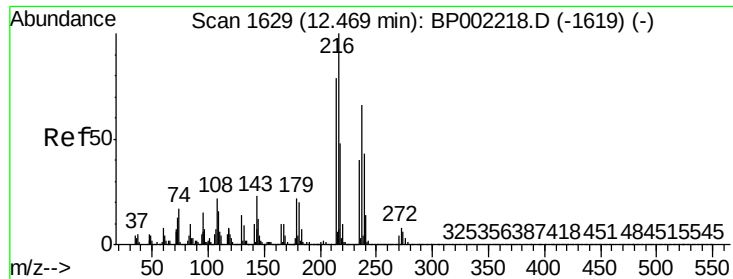
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.285 ng

RT: 12.47 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampled :

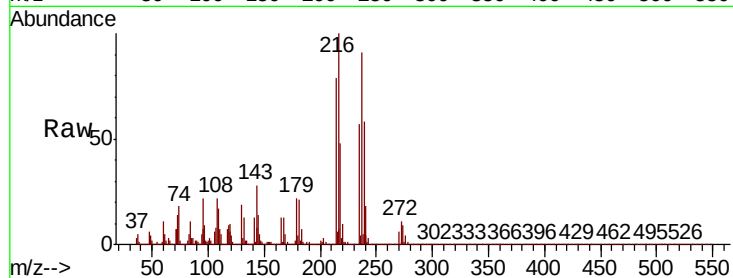
Tot Ion:237 Resp: 432582

Ion Ratio Lower Upper

237 100

235 62.4 41.1 81.1

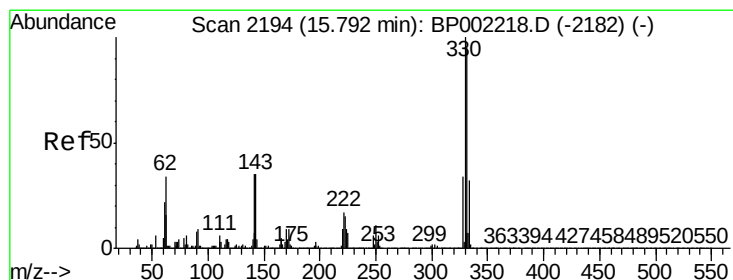
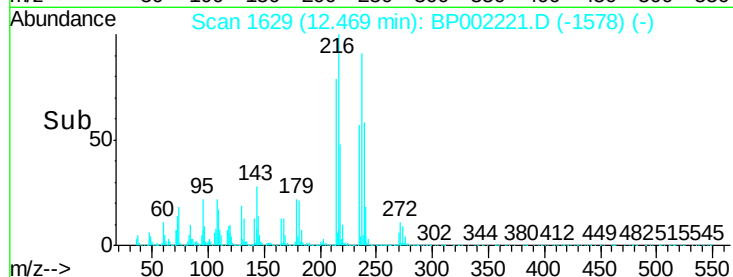
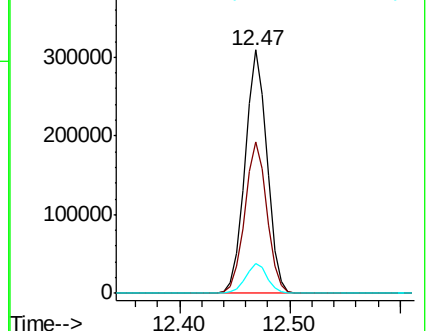
272 12.2 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 180.966 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

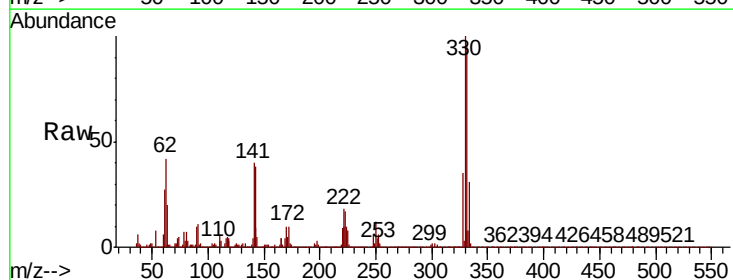
Tgt Ion:330 Resp: 646436

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

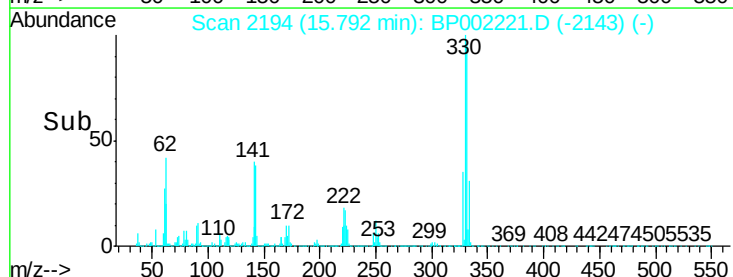
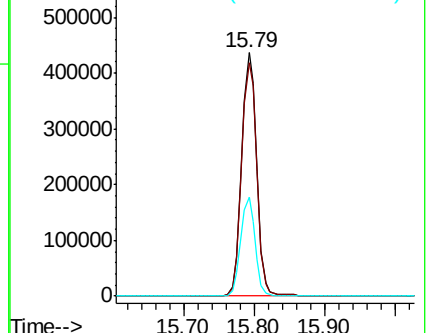
141 39.4 31.5 47.3

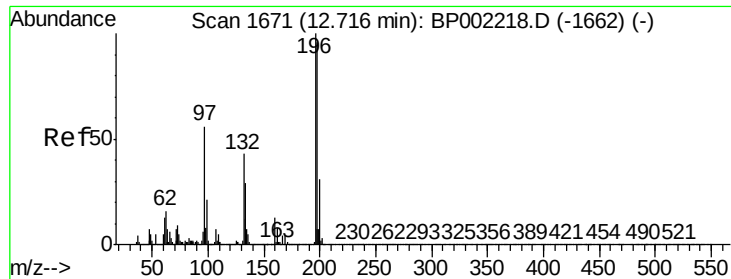


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

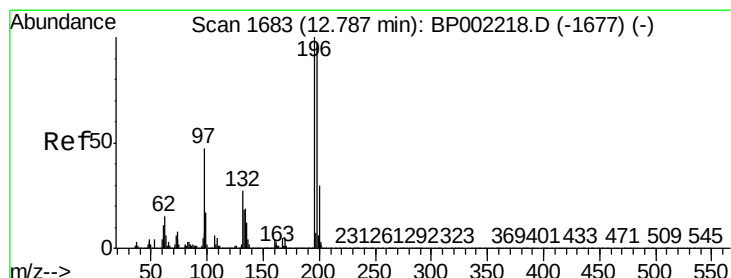
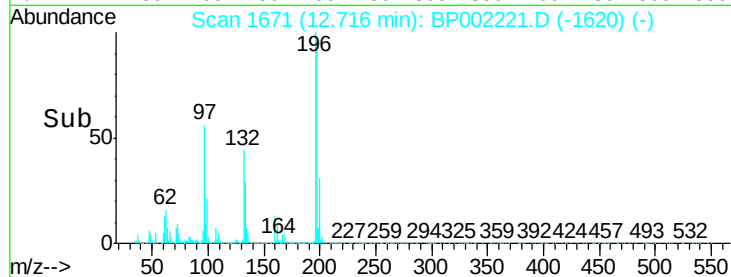
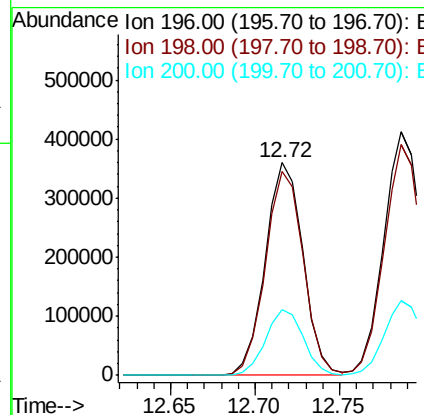
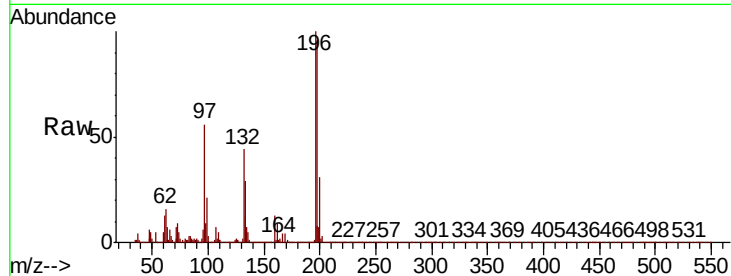




#43
 2,4,6-Trichlorophenol
 Concen: 89.054 ng
 RT: 12.72 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

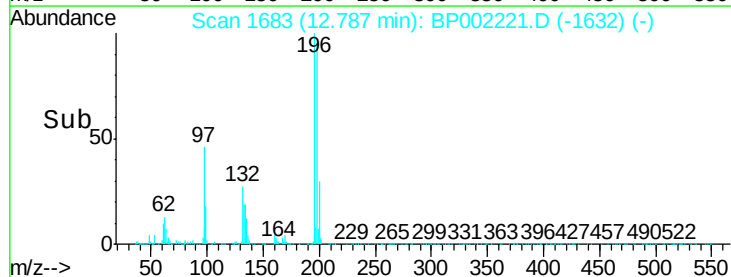
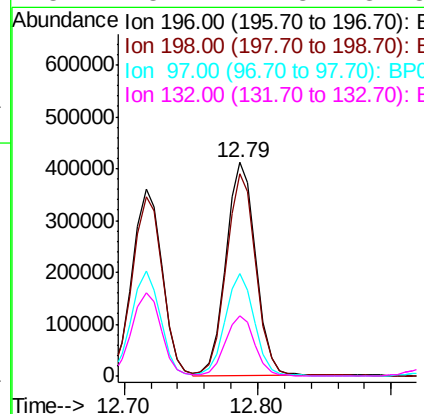
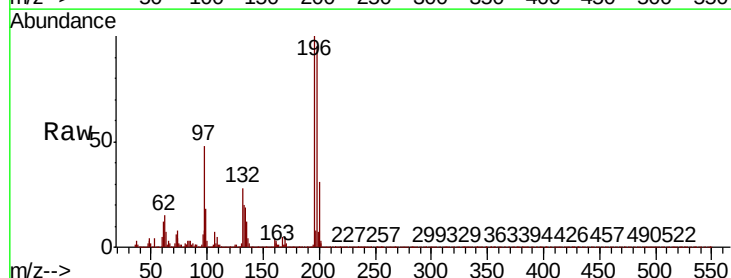
Instrument :
 BNA_P
 ClientSampleId :

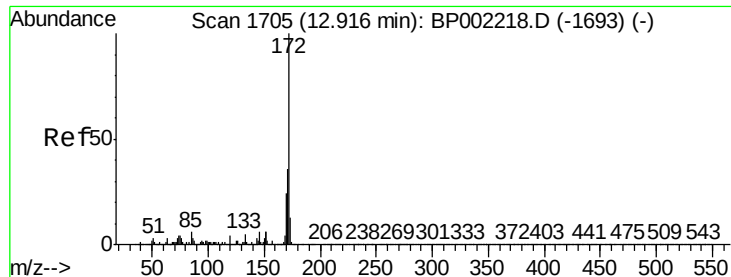
Tot Ion	196	Resp	558937
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.9	115.3
200	31.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 97.712 ng
 RT: 12.79 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

Tgt Ion	196	Resp	647155
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.3	115.9
97	47.9	37.5	56.3
132	28.2	21.8	32.8

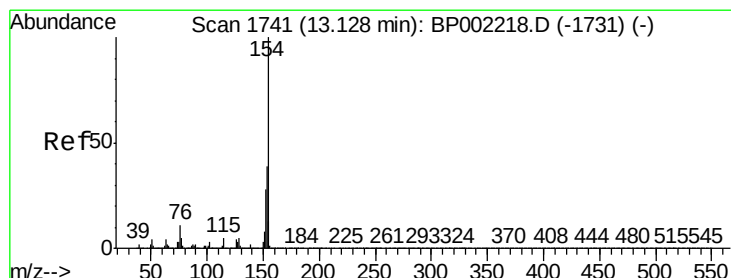
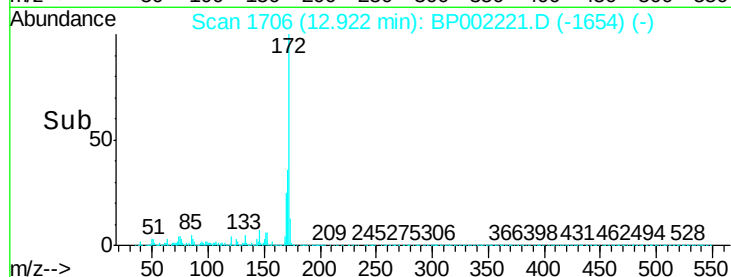
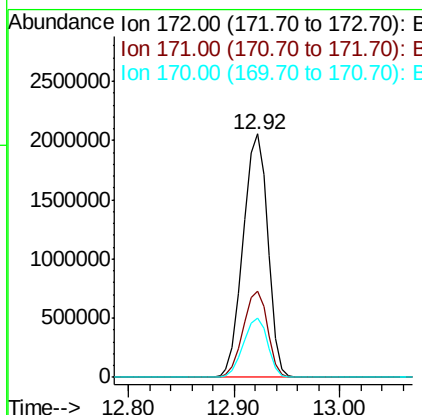
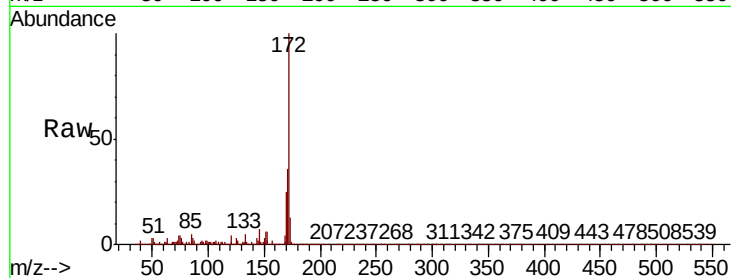




#45
2-Fluorobiphenyl
Concen: 139.460 ng
RT: 12.92 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

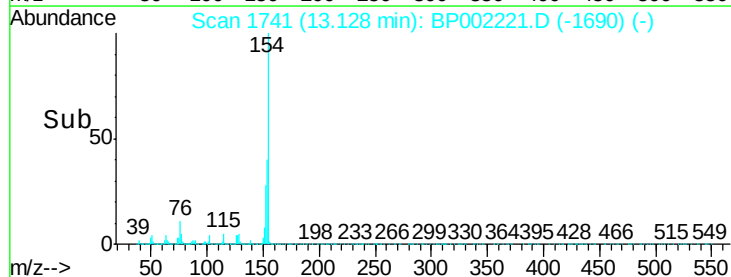
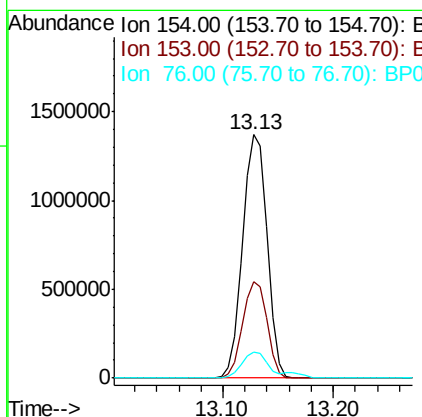
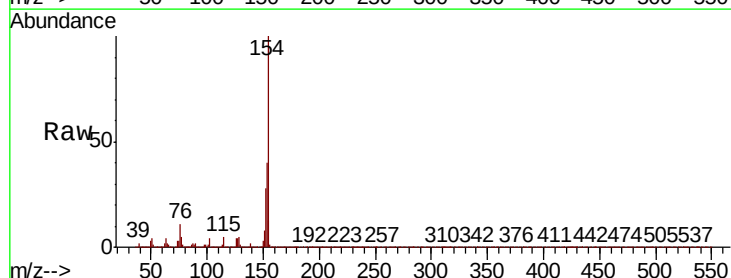
Instrument :
BNA_P
ClientSampleId :

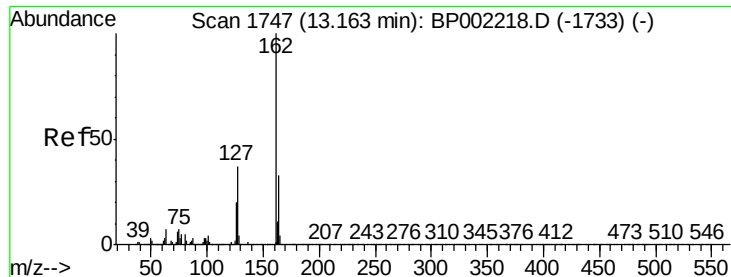
Tot Ion:172 Resp: 3348210
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.6 19.5 29.3



#46
1,1'-Biphenyl
Concen: 78.411 ng
RT: 13.13 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:154 Resp: 2131079
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 10.7 0.0 30.9

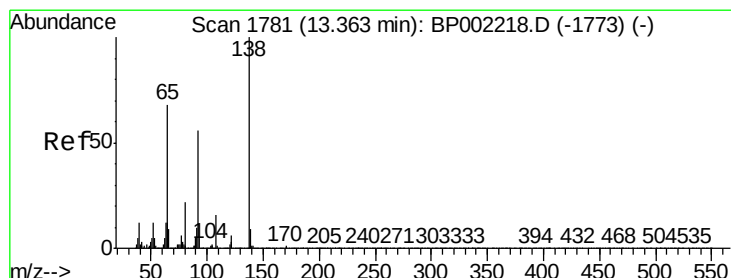
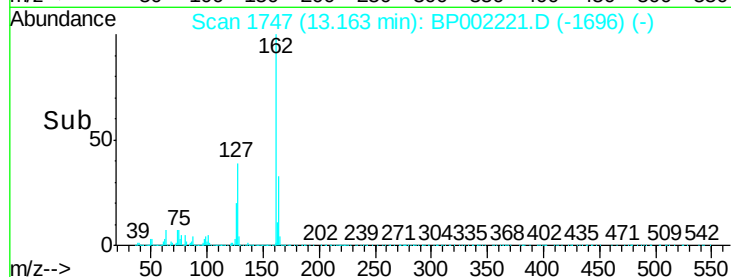
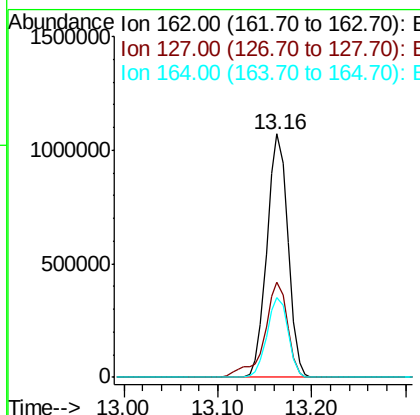
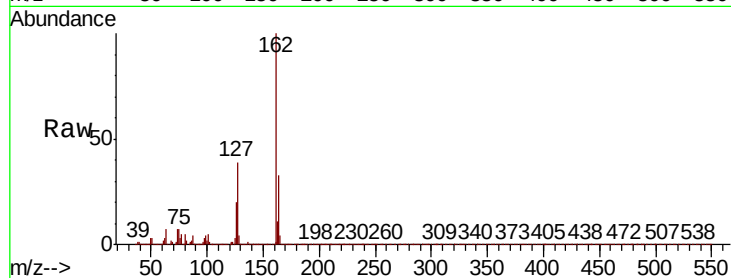




#47
2-Chloronaphthalene
Concen: 77.386 ng
RT: 13.16 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

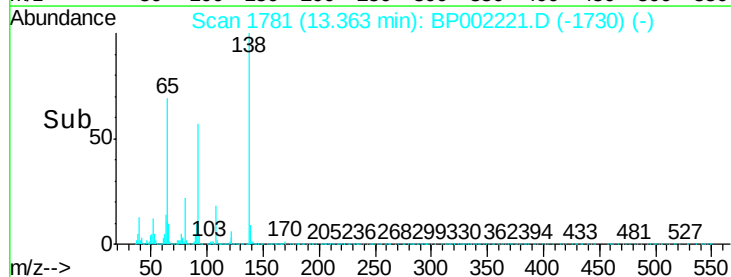
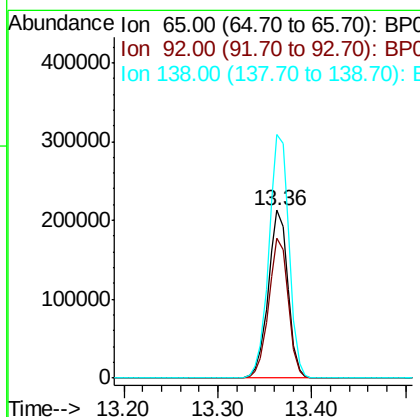
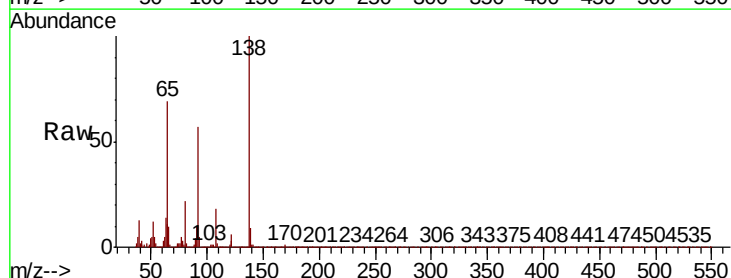
Instrument :
BNA_P
ClientSampleId :

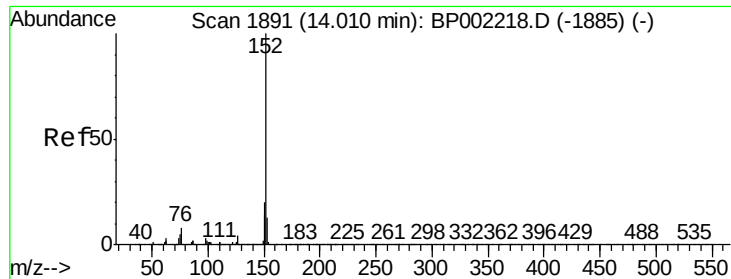
Tot Ion:162 Resp: 1657386
Ion Ratio Lower Upper
162 100
127 39.1 29.4 44.0
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 63.159 ng
RT: 13.36 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion: 65 Resp: 307701
Ion Ratio Lower Upper
65 100
92 83.1 65.5 98.3
138 145.1 116.9 175.3





#49

Acenaphthylene

Concen: 84.404 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

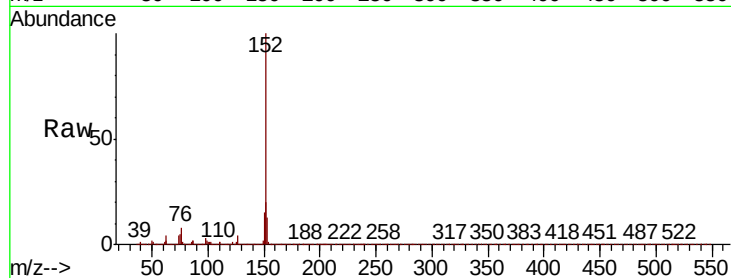
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2726185

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	13.5	10.6	16.0

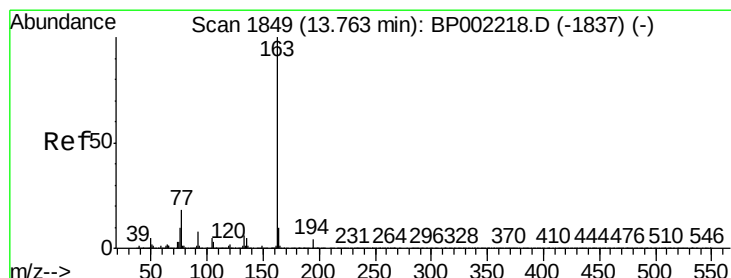
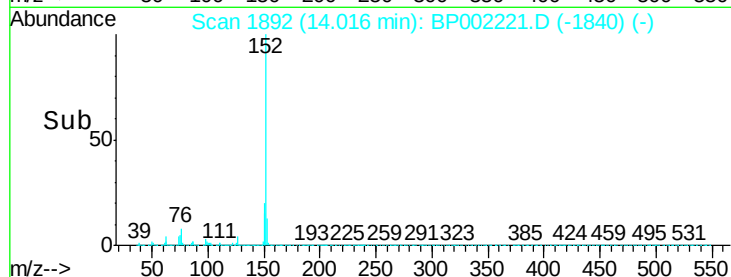
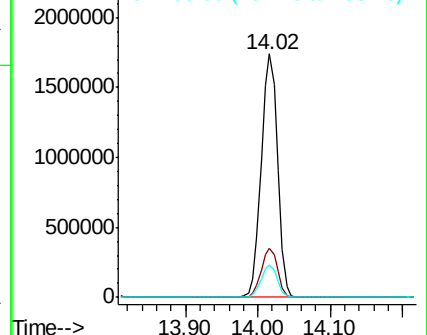


Abundance

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: 80.685 ng

RT: 13.77 min Scan# 1850

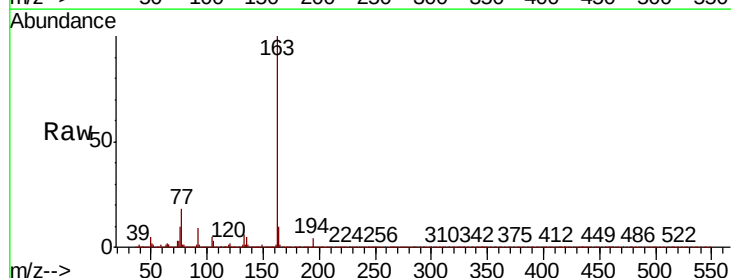
Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Tgt Ion:163 Resp: 2077380

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.3	8.2	12.4

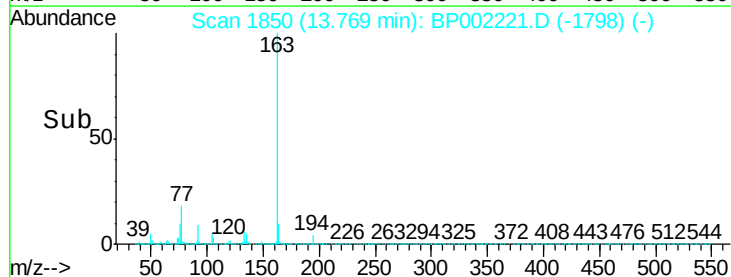
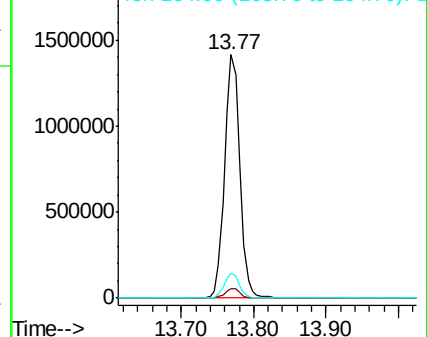


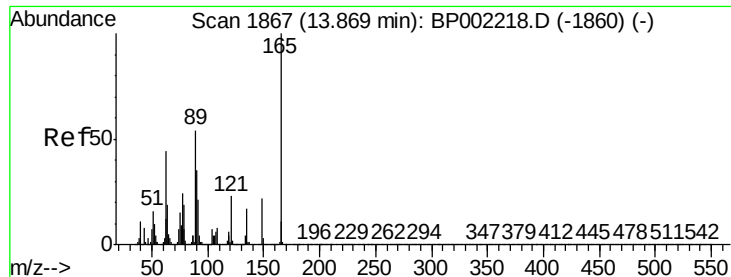
Abundance

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

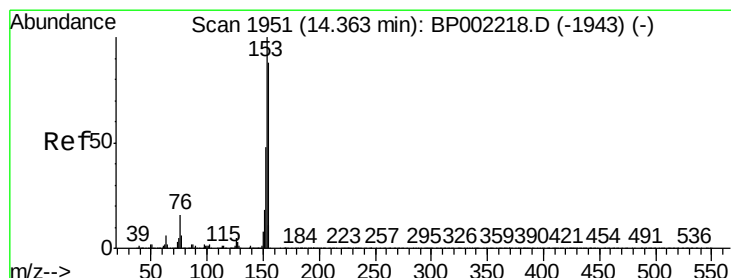
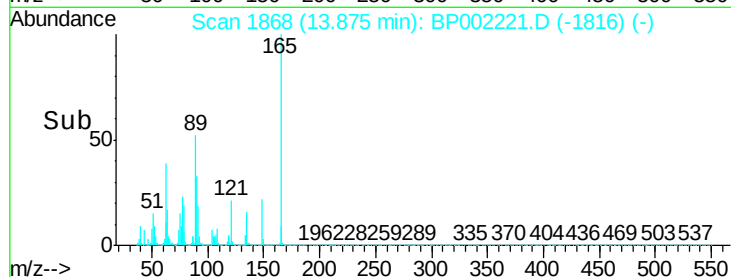
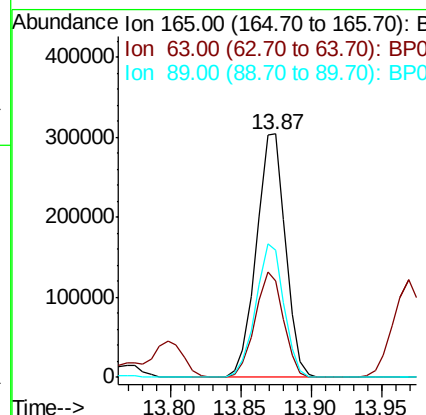
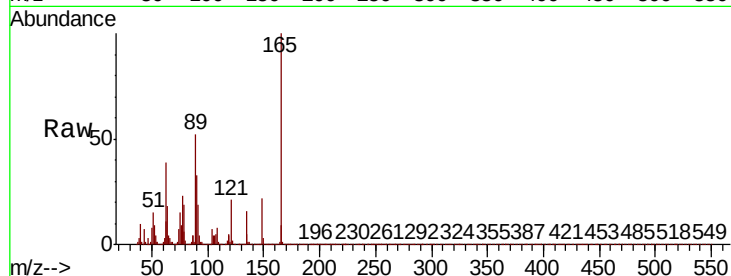




#51
 2,6-Dinitrotoluene
 Concen: 89.636 ng
 RT: 13.87 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

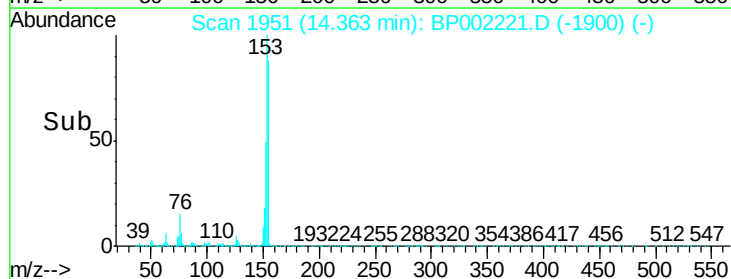
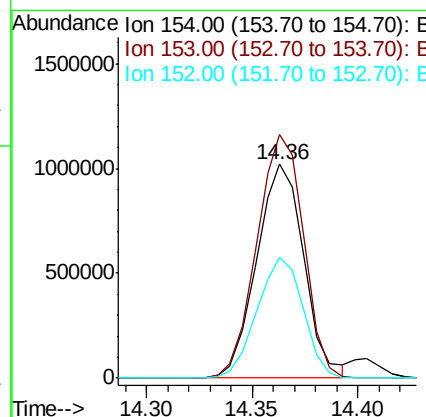
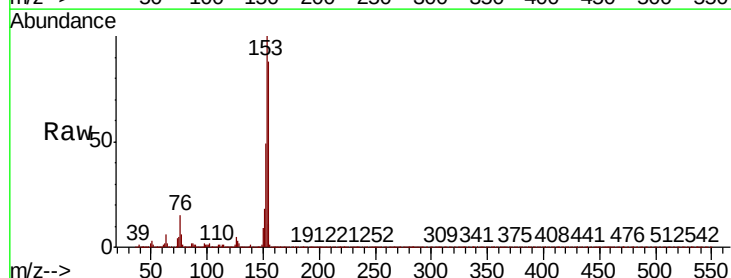
Instrument :
 BNA_P
 ClientSampleId :

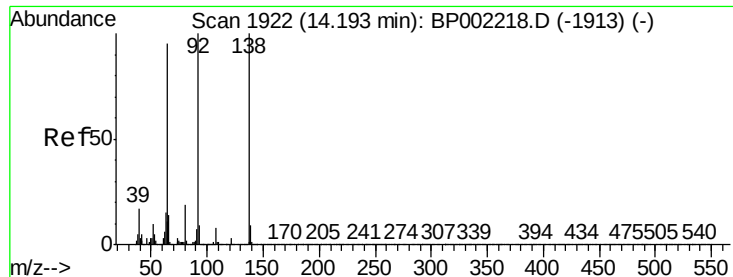
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.5	35.0	52.4
89	52.0	43.4	65.2



#52
 Acenaphthene
 Concen: 76.642 ng
 RT: 14.36 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	56.2	43.9	65.9

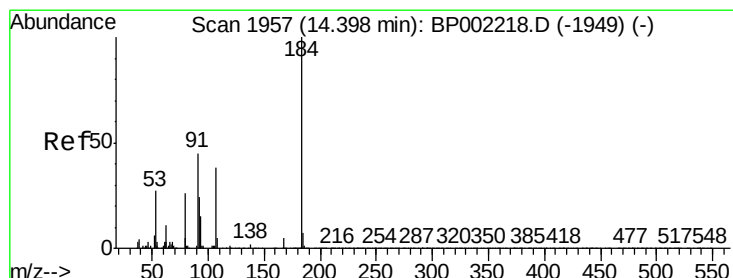
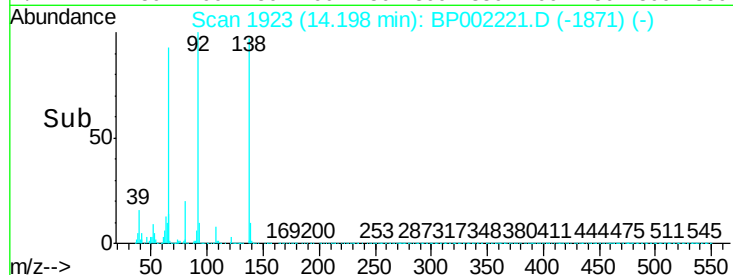
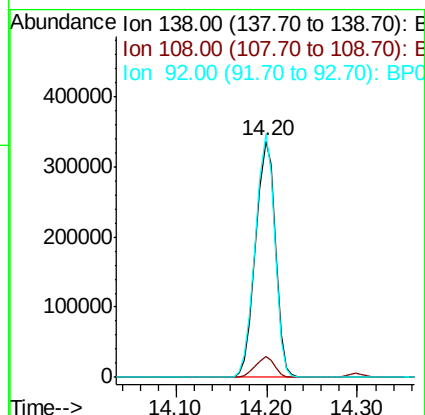
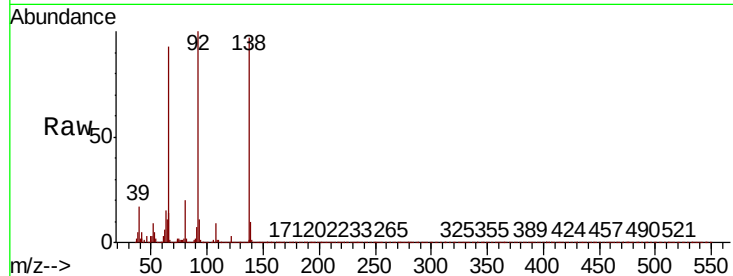




#53
3-Nitroaniline
Concen: 87.630 ng
RT: 14.20 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

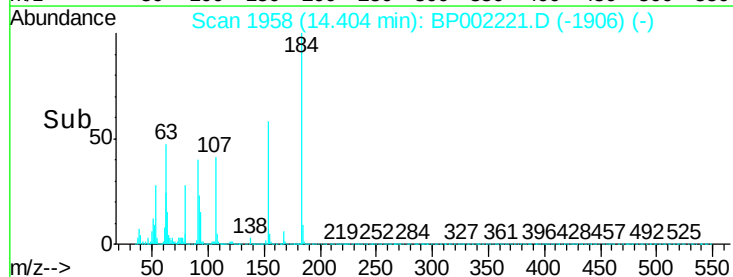
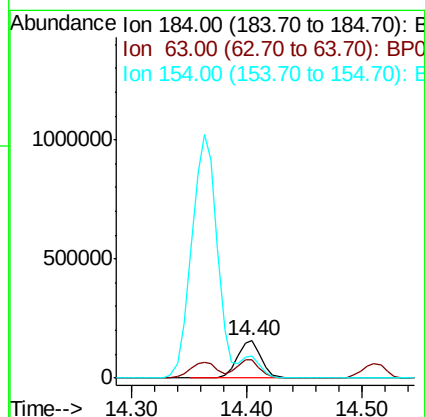
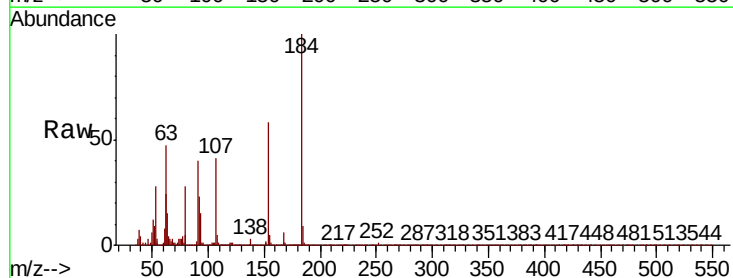
Instrument :
BNA_P
ClientSampleId :

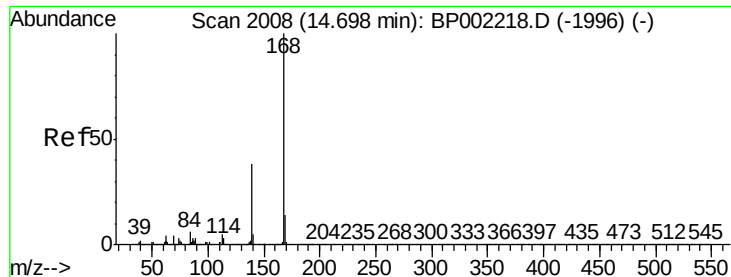
Tot Ion:138 Resp: 509475
Ion Ratio Lower Upper
138 100
108 8.8 6.6 10.0
92 103.1 79.8 119.8



#54
2,4-Dinitrophenol
Concen: 163.517 ng
RT: 14.40 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:184 Resp: 222669
Ion Ratio Lower Upper
184 100
63 47.3 38.0 57.0
154 58.3 46.2 69.2

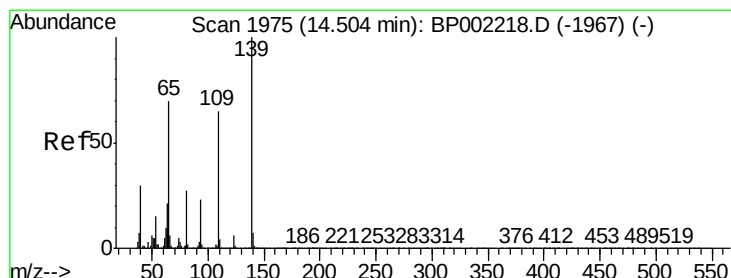
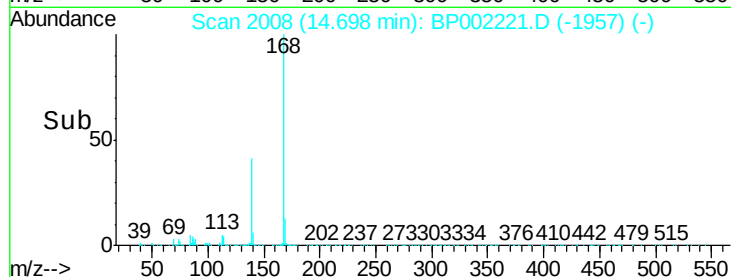
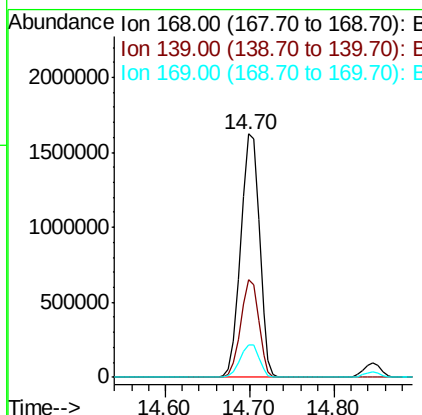
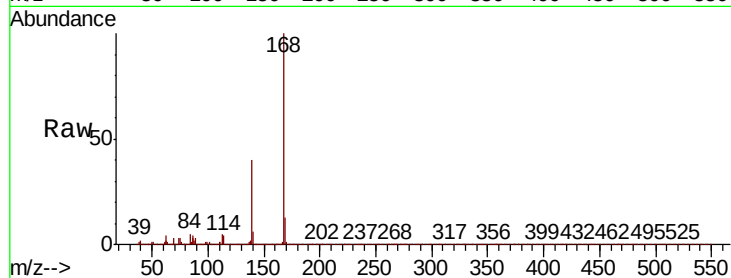




#55
Dibenzenofuran
Concen: 80.744 ng
RT: 14.70 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

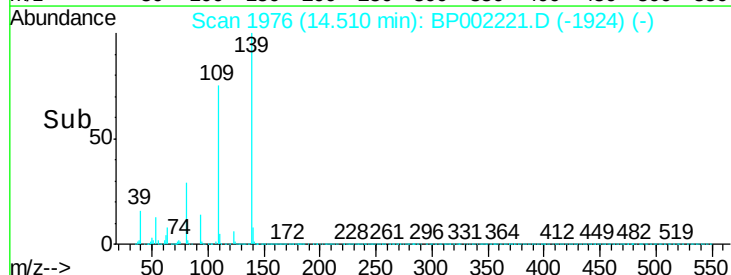
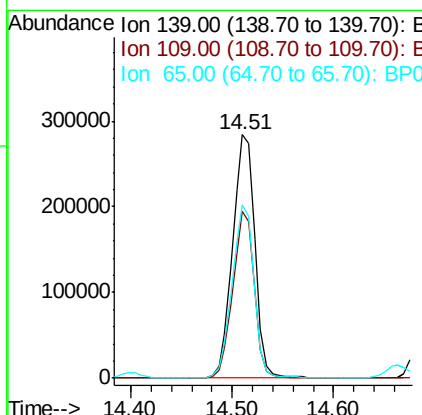
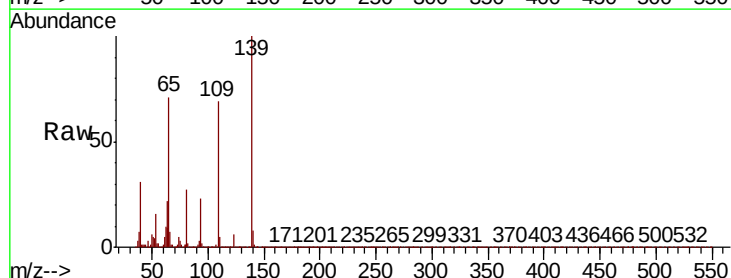
Instrument :
BNA_P
ClientSampleId :

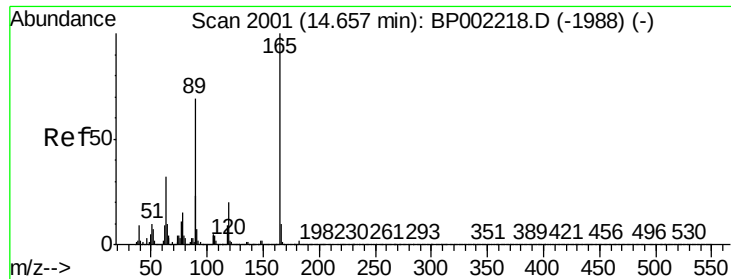
Tot Ion:168 Resp: 2470556
Ion Ratio Lower Upper
168 100
139 40.4 30.6 45.8
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 103.288 ng
RT: 14.51 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:139 Resp: 433419
Ion Ratio Lower Upper
139 100
109 68.6 44.6 84.6
65 70.9 50.2 90.2

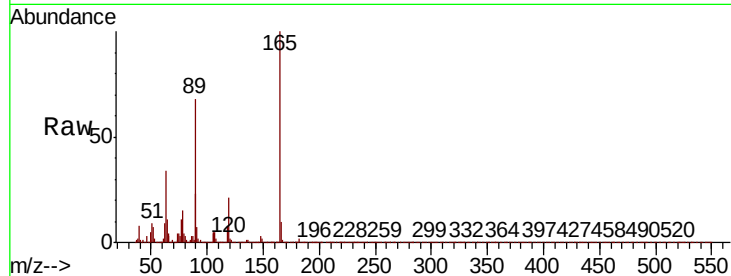




#57
2,4-Dinitrotoluene
Concen: 93.558 ng
RT: 14.66 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.5	26.1	39.1
89	68.1	55.4	83.0
182	2.4	1.8	2.6



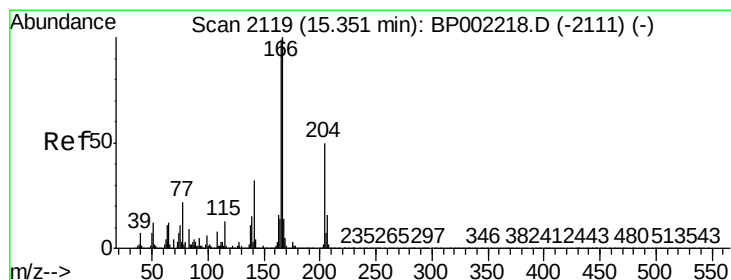
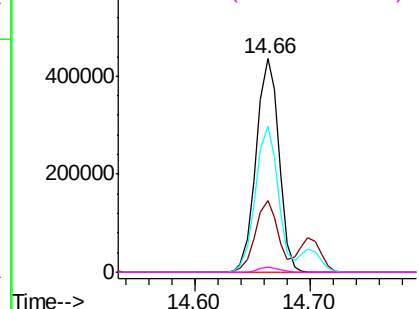
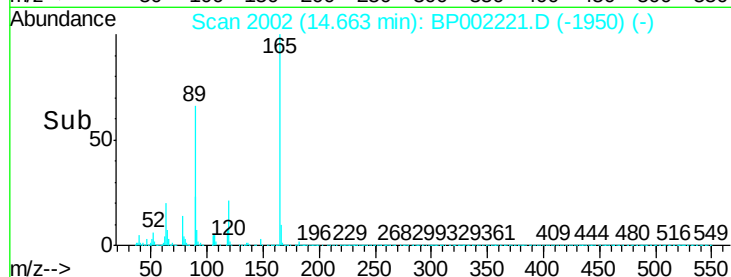
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BPO

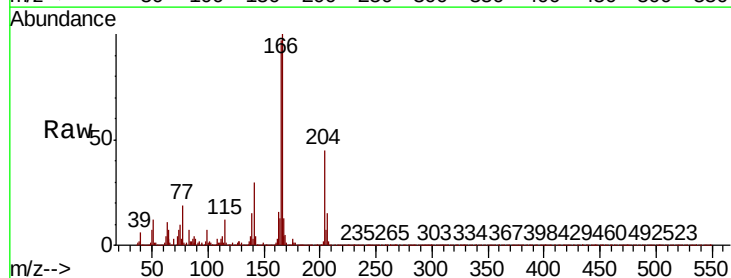
Ion 89.00 (88.70 to 89.70): BPO

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 67.260 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.9	118.3
167	13.5	11.0	16.4

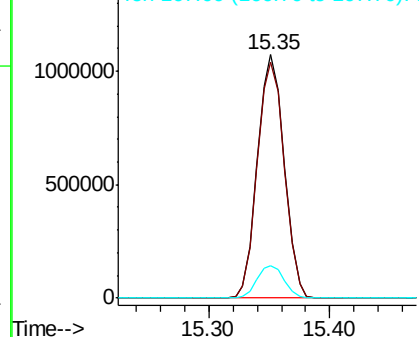
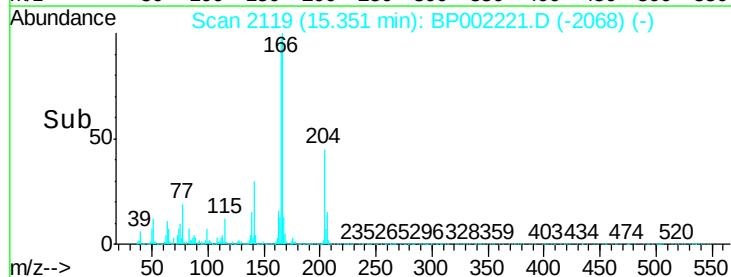


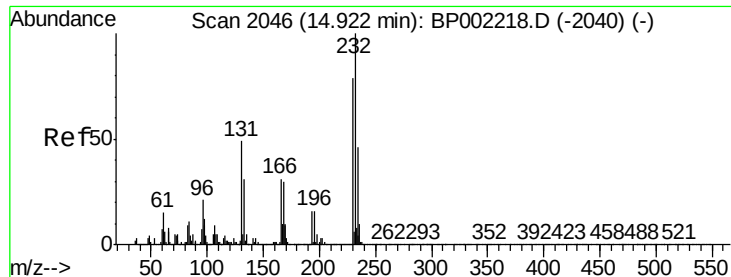
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 91.623 ng

RT: 14.93 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 527937

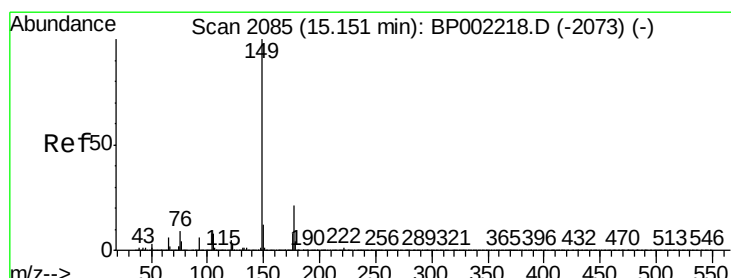
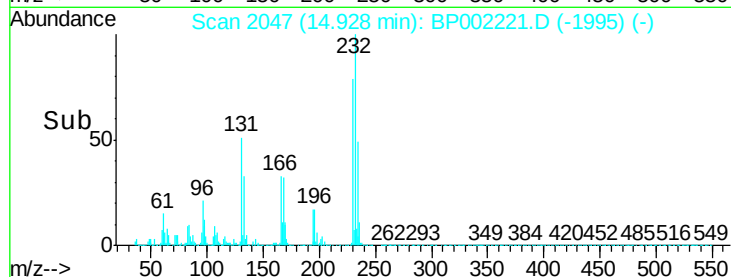
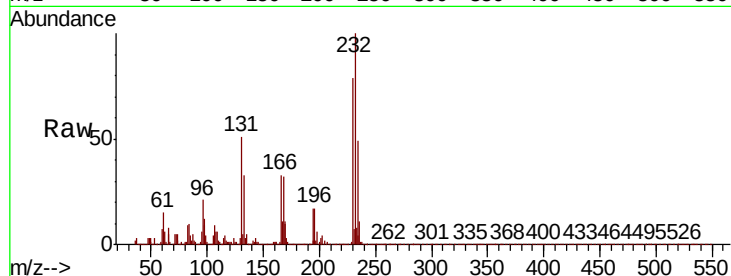
Ion	Ratio	Lower	Upper
232	100		
131	49.3	38.0	57.0
130	2.7	1.9	2.9
166	31.2	24.3	36.5

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 81.890 ng

RT: 15.15 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

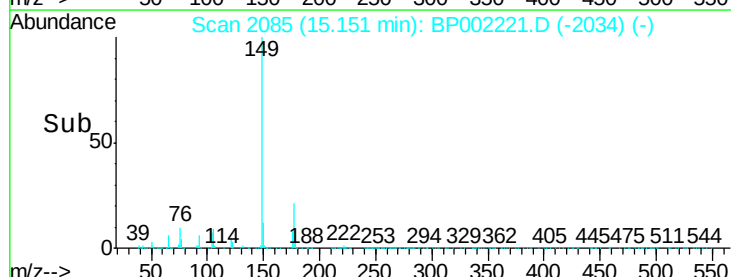
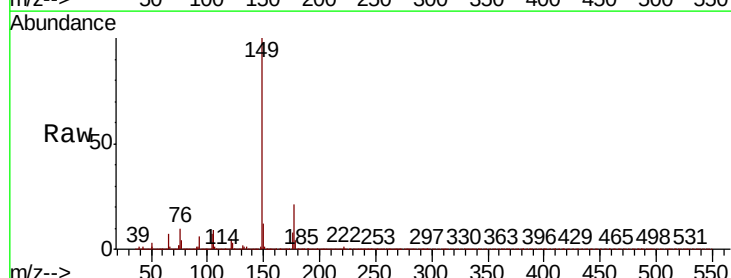
Tgt Ion:149 Resp: 2108604

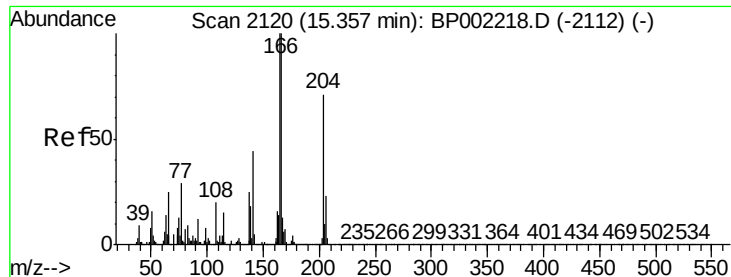
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.2	25.8
150	12.4	9.4	14.0

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

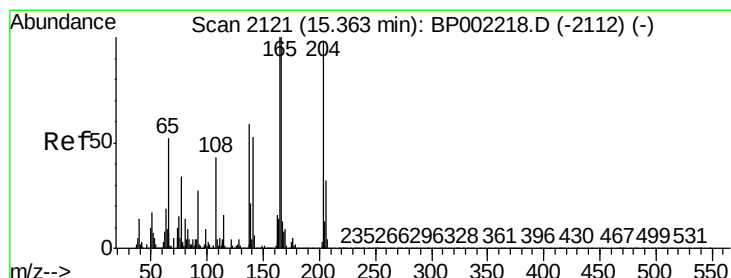
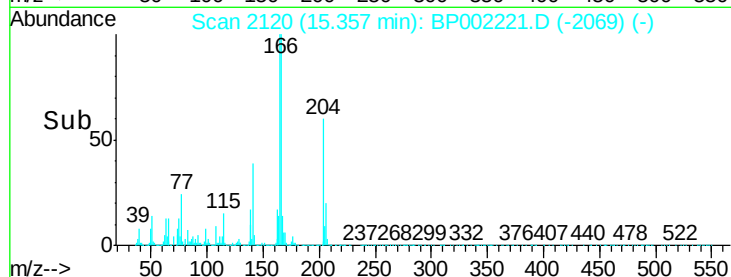
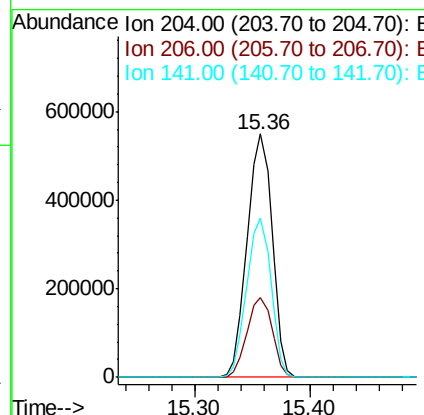
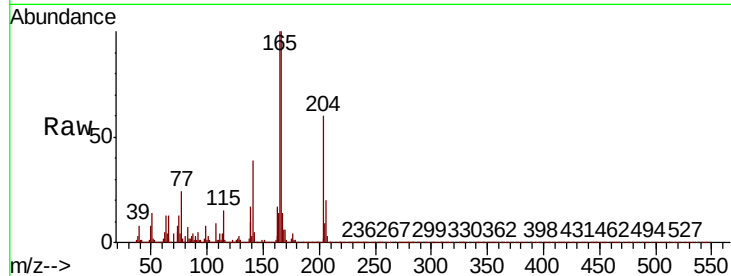




#61
4-Chlorophenyl-phenylether
Concen: 66.720 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

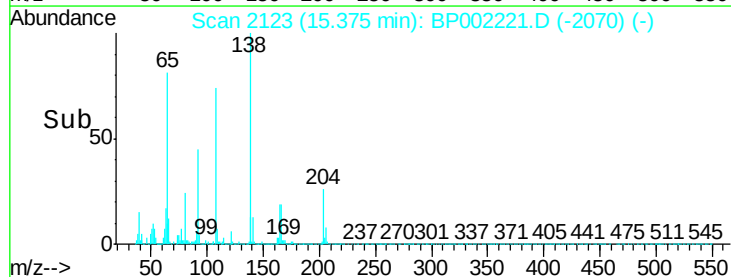
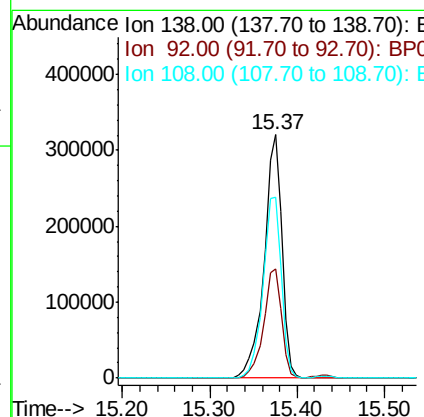
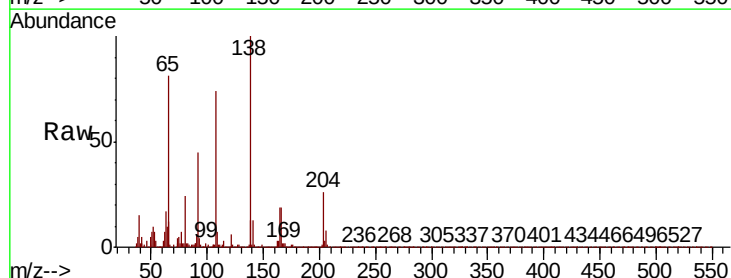
Instrument :
BNA_P
ClientSampled :

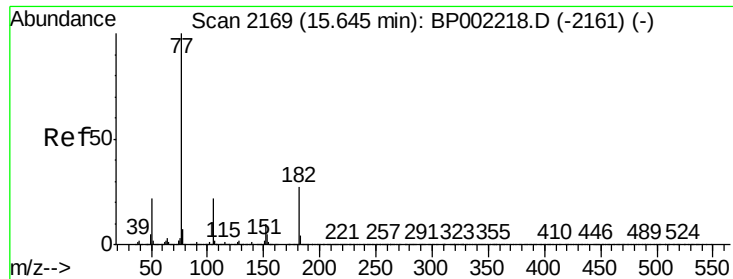
Tot Ion:204 Resp: 832832
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 65.4 48.8 73.2



#62
4-Nitroaniline
Concen: 73.302 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:138 Resp: 449301
Ion Ratio Lower Upper
138 100
92 44.9 25.0 65.0
108 74.4 53.8 93.8





#63

Azobenzene

Concen: 77.209 ng

RT: 15.65 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

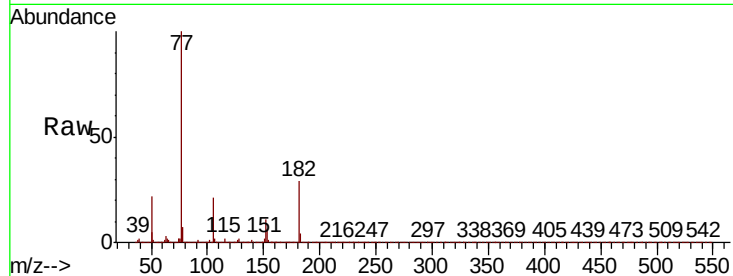
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1820982

Ion	Ratio	Lower	Upper
77	100		
182	28.7	7.0	47.0
105	21.5	1.5	41.5
51	22.4	1.6	41.6

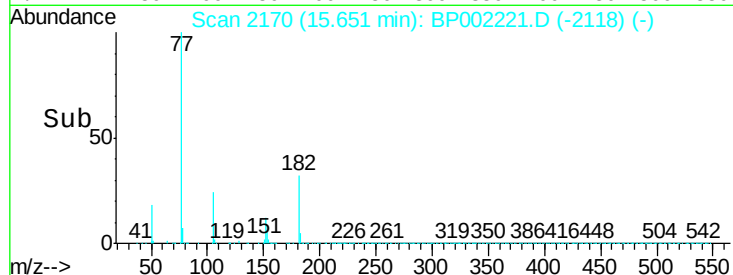


Abundance Ion 77.00 (76.70 to 77.70): BP0

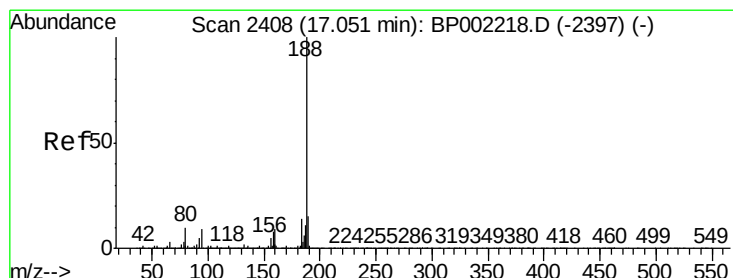
2000000 Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2408

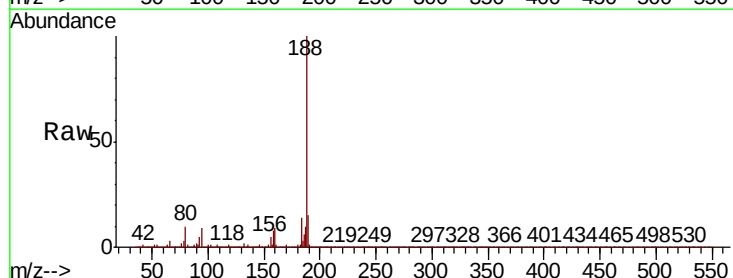
Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Tgt Ion: 188 Resp: 727770

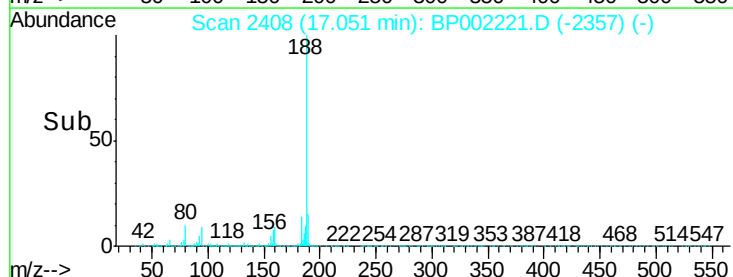
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.6	7.8	11.8



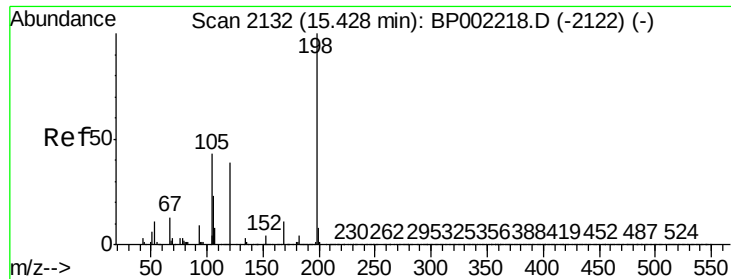
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



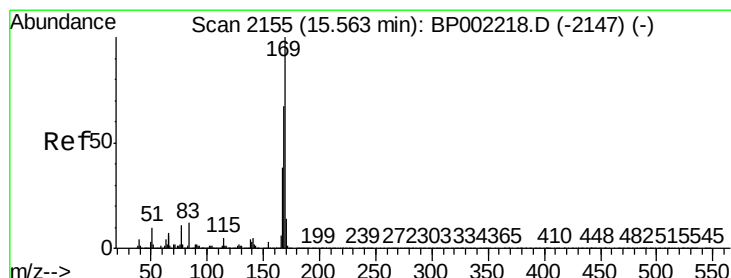
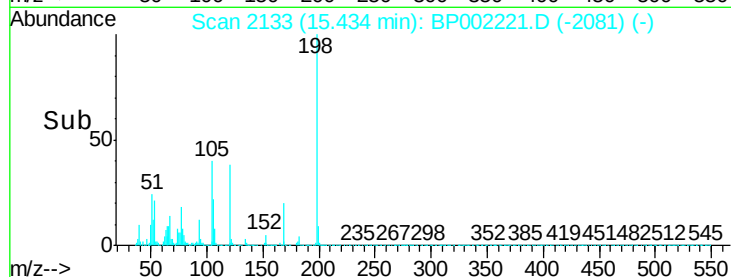
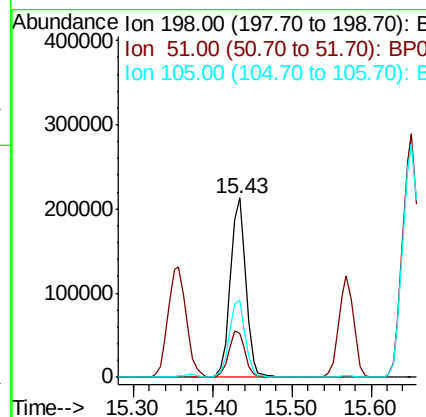
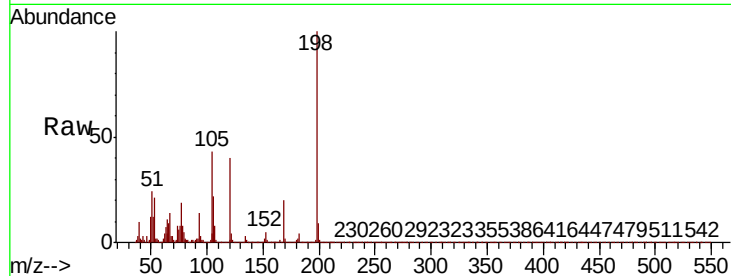
Time-->



#65
4,6-Dinitro-2-methylphenol
Concen: 138.641 ng
RT: 15.43 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

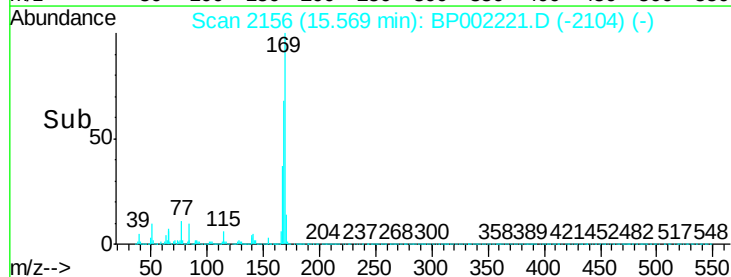
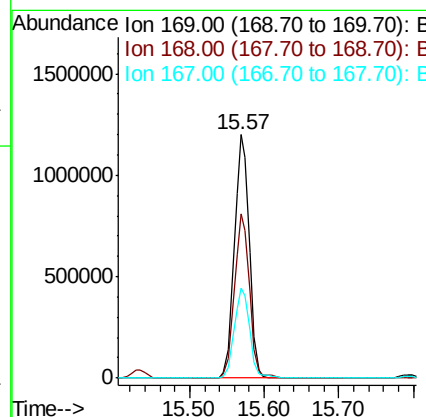
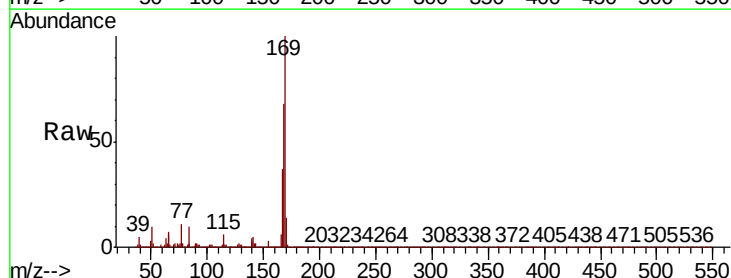
Instrument :
BNA_P
ClientSampleId :

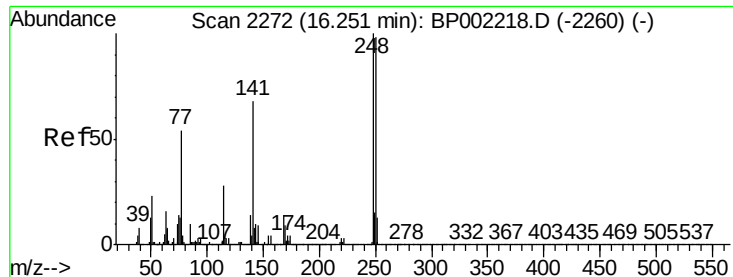
Tot Ion:198 Resp: 288512
Ion Ratio Lower Upper
198 100
51 24.5 6.6 46.6
105 42.8 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 77.040 ng
RT: 15.57 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:169 Resp: 1669726
Ion Ratio Lower Upper
169 100
168 67.6 53.6 80.4
167 36.9 30.6 45.8

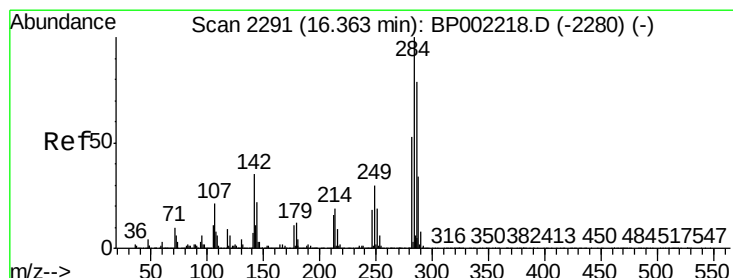
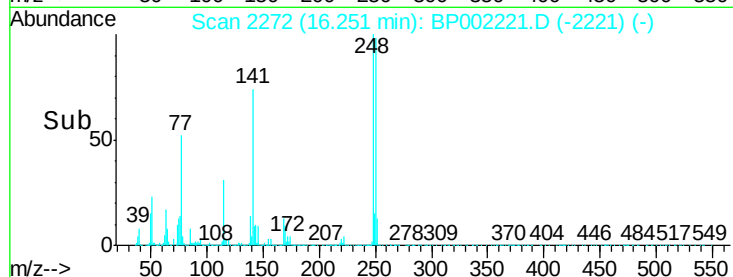
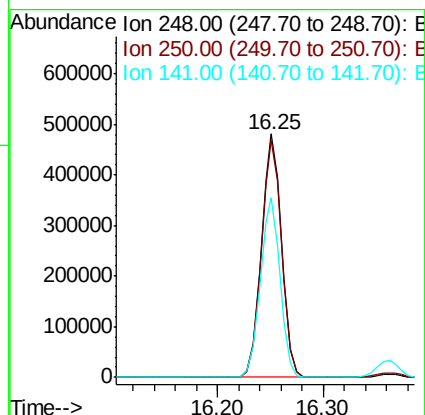
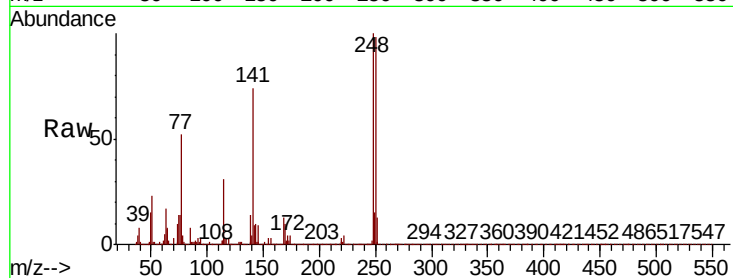




#67
4-Bromophenyl-phenylether
Concen: 81.350 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

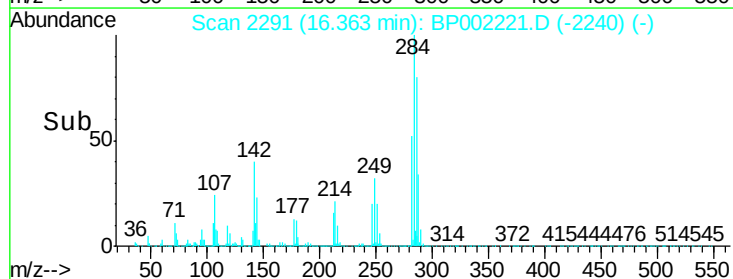
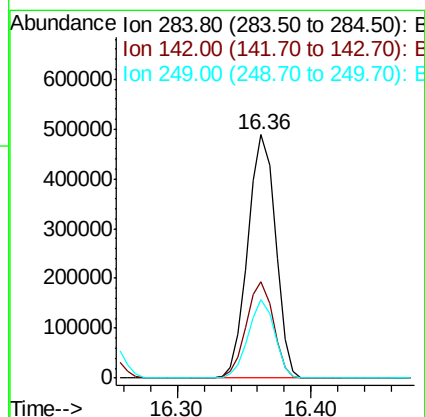
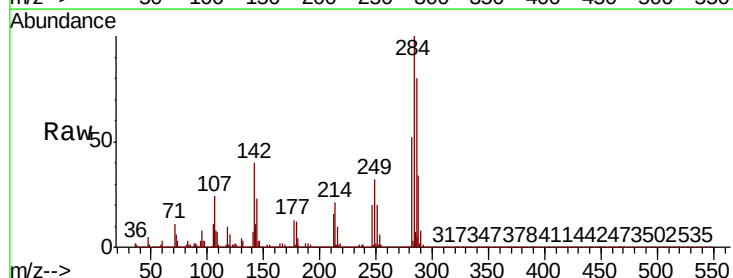
Instrument :
BNA_P
ClientSampleId :

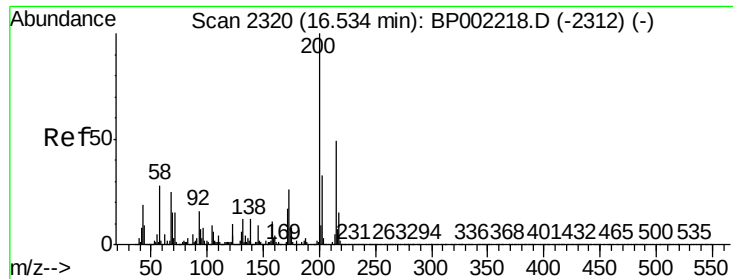
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.6	118.0
141	73.7	54.3	81.5



#68
Hexachlorobenzene
Concen: 77.783 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.6	28.1	42.1
249	32.0	24.1	36.1





#69

Atrazine

Concen: 78.766 ng

RT: 16.53 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampled :

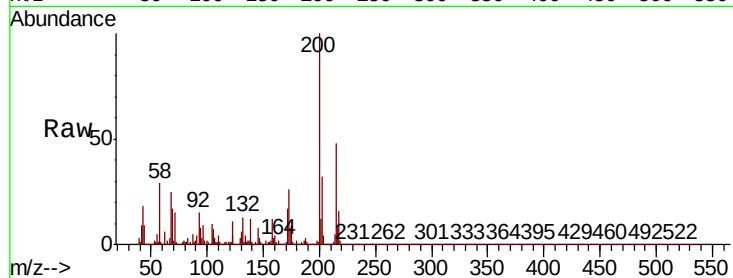
Tot Ion:200 Resp: 512513

Ion Ratio Lower Upper

200 100

173 26.1 6.3 46.3

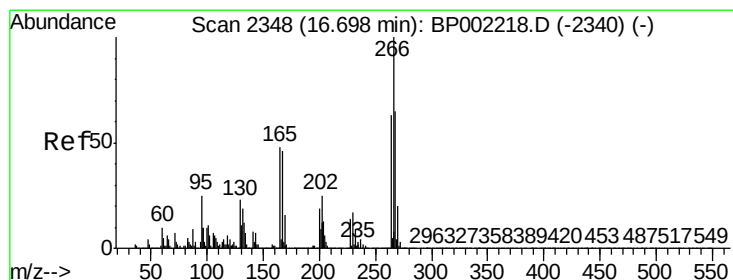
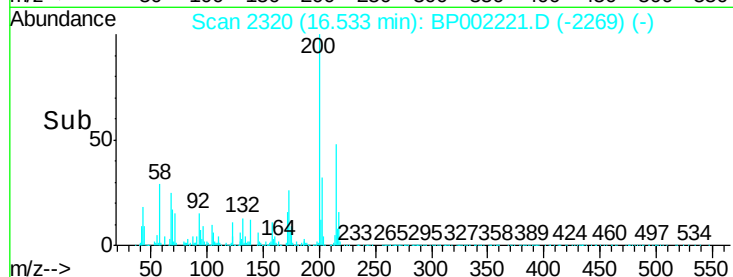
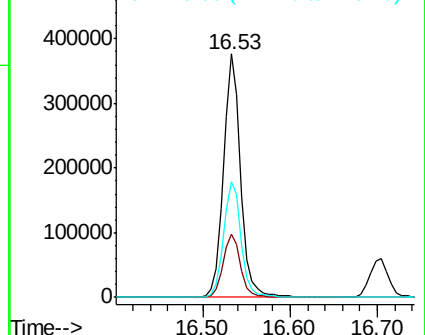
215 47.6 29.5 69.5



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: 111.964 ng

RT: 16.70 min Scan# 2349

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

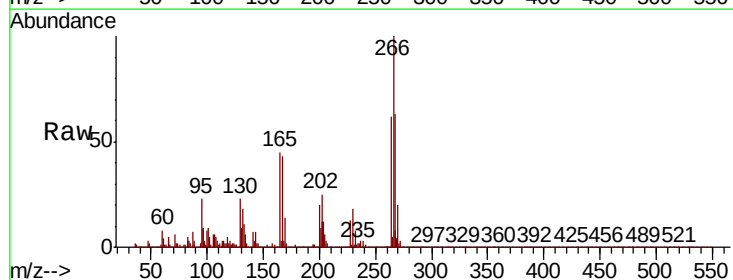
Tgt Ion:266 Resp: 467190

Ion Ratio Lower Upper

266 100

268 63.3 52.1 78.1

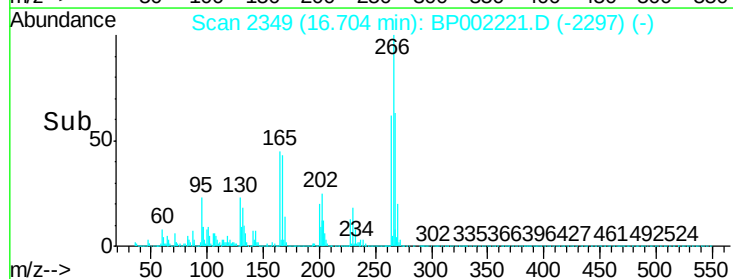
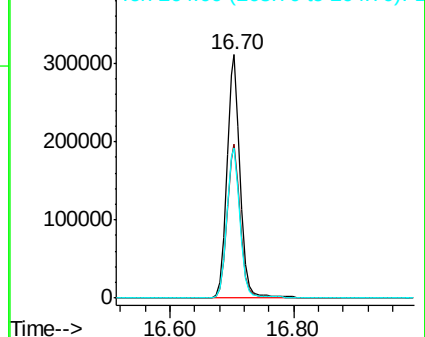
264 61.7 50.6 75.8

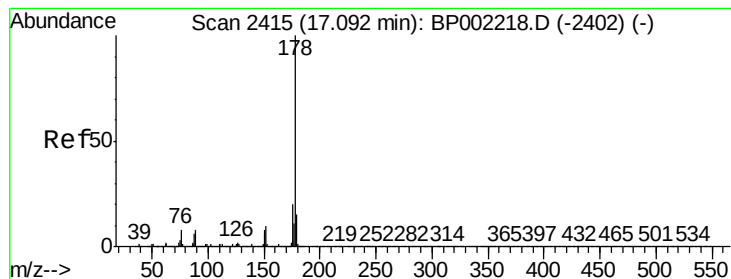


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 78.599 ng

RT: 17.09 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampleId :

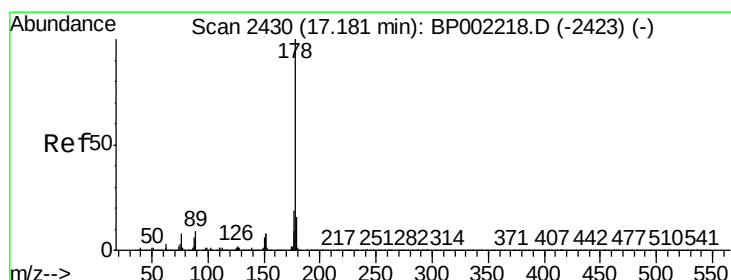
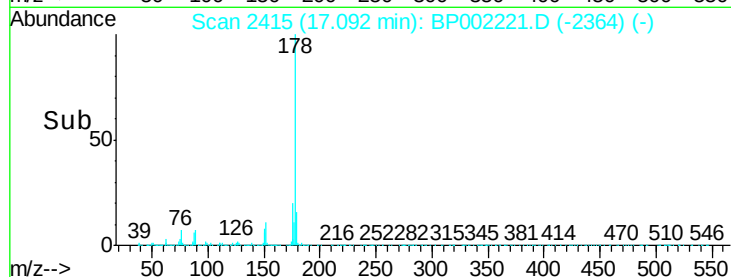
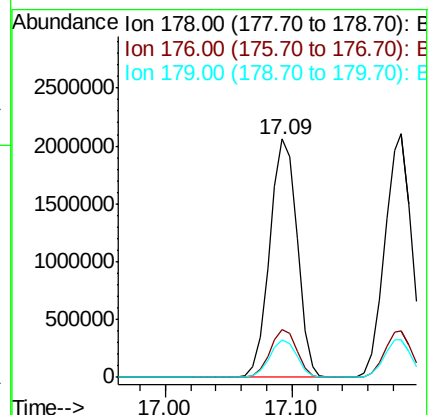
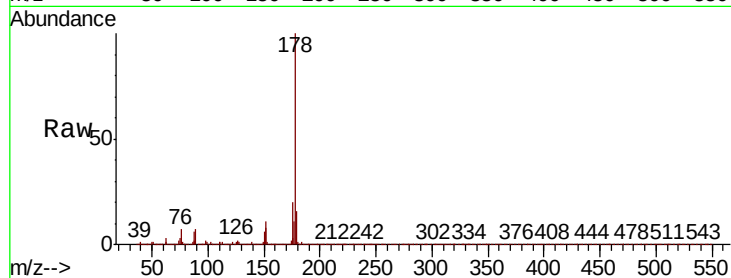
Tot Ion:178 Resp: 3081101

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.1	24.1
179	15.7	12.2	18.4

178 100

176 19.9 16.1 24.1

179 15.7 12.2 18.4



#72

Anthracene

Concen: 81.066 ng

RT: 17.19 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

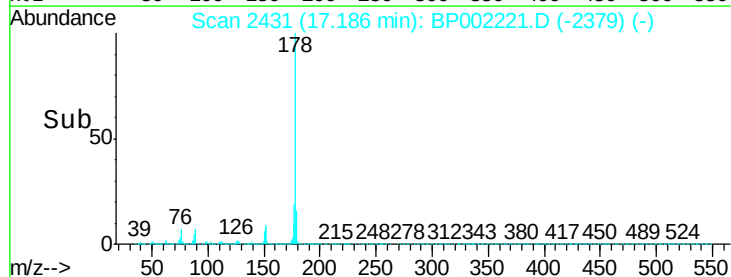
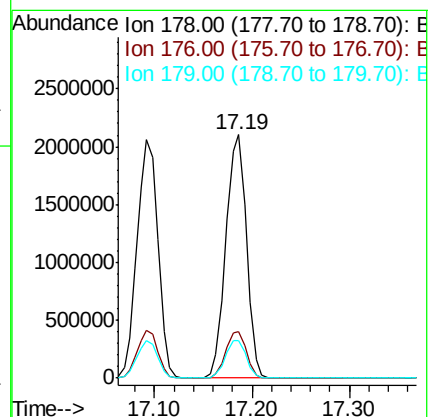
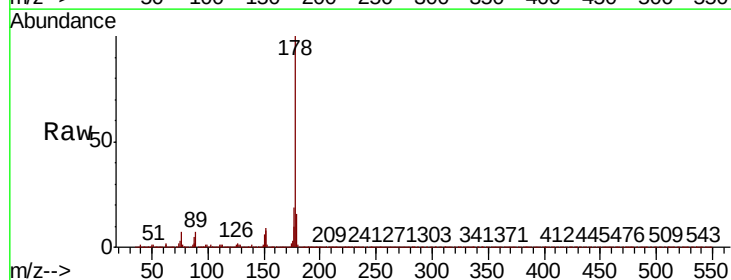
Tgt Ion:178 Resp: 3075159

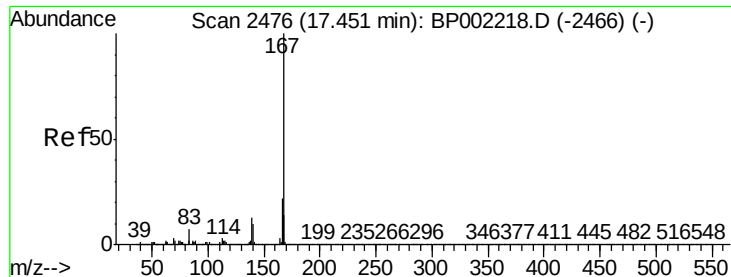
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.7	12.6	18.8

178 100

176 19.3 15.2 22.8

179 15.7 12.6 18.8



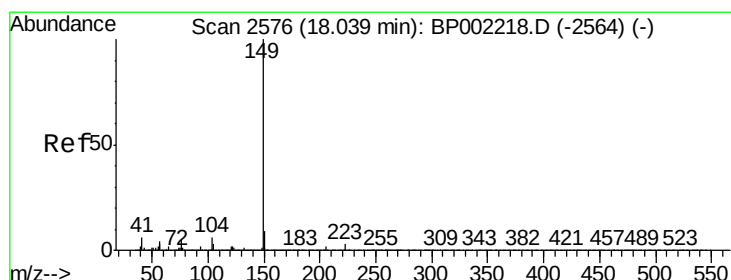
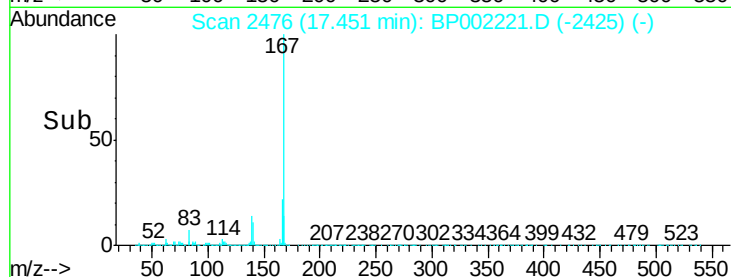
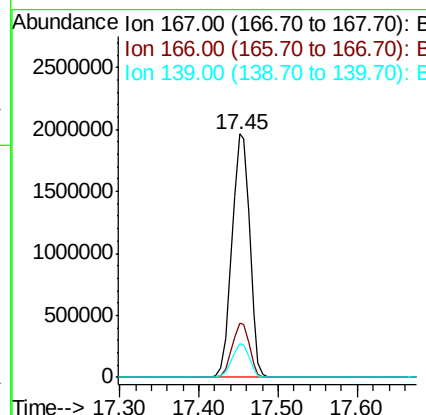
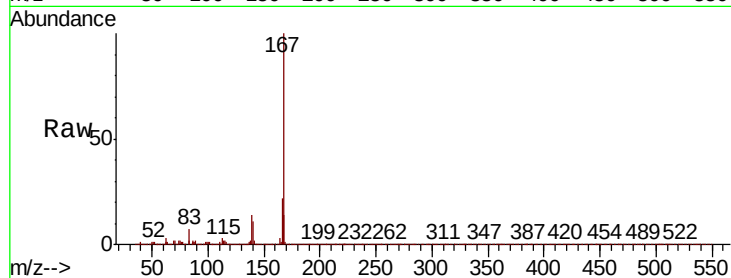


#73
 Carbazole
 Concen: 83.881 ng
 RT: 17.45 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 3031624

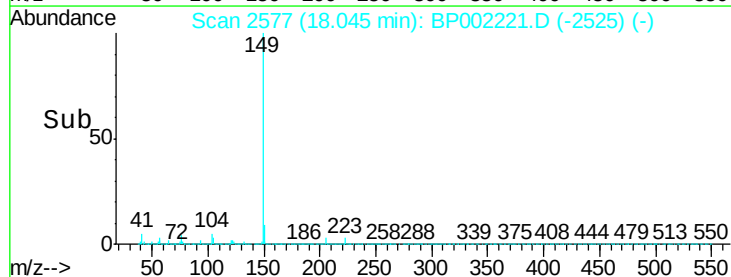
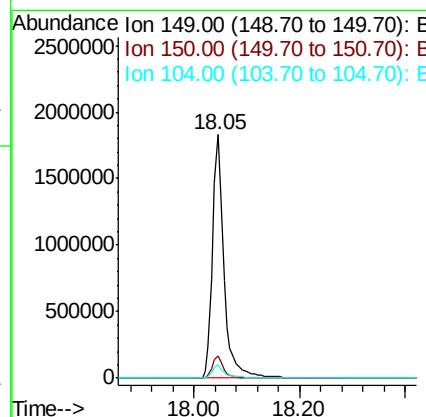
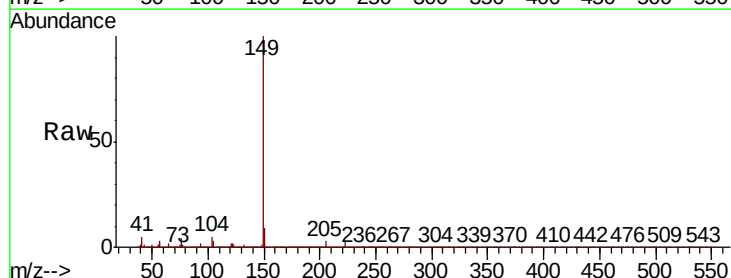
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.8	10.5	15.7

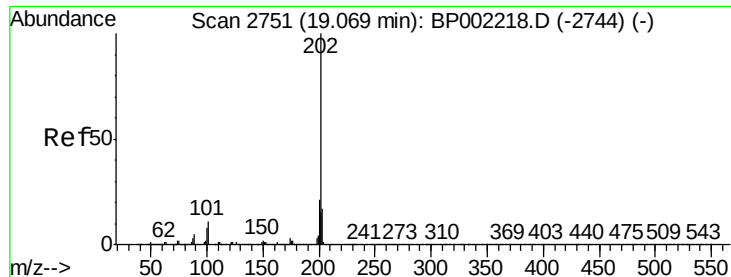


#74
 Di-n-butylphthalate
 Concen: 65.446 ng
 RT: 18.05 min Scan# 2577
 Delta R.T. 0.01 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

Tgt Ion:149 Resp: 2762661

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.0	10.4
104	5.2	4.8	7.2





#75

Fluoranthene

Concen: 80.825 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

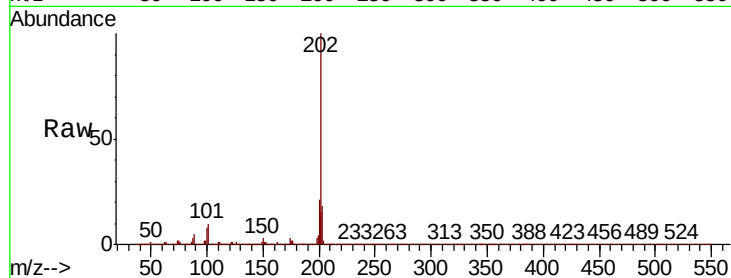
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 3559285

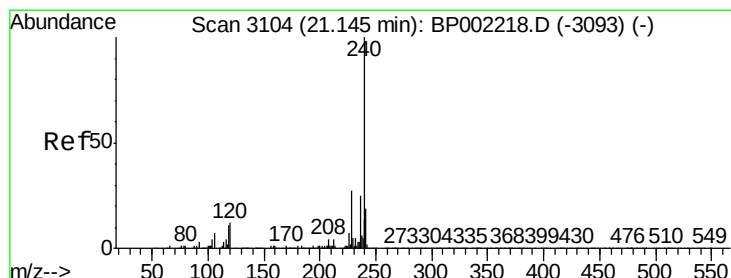
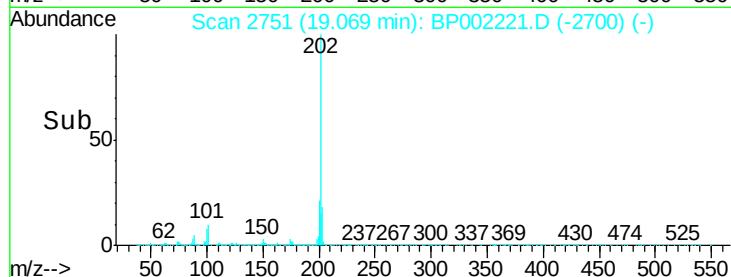
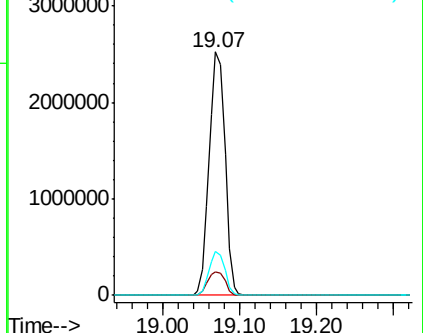
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.6
203	18.2	0.0	37.4



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: 21.15 min Scan# 3104

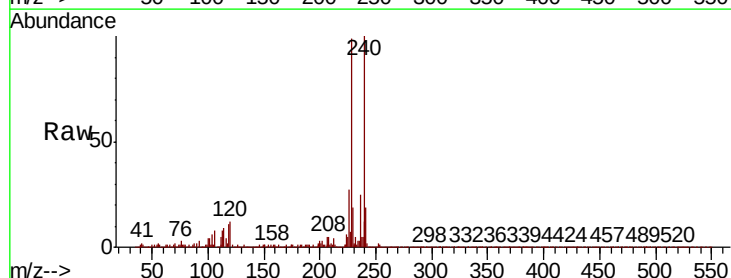
Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Tgt Ion:240 Resp: 707639

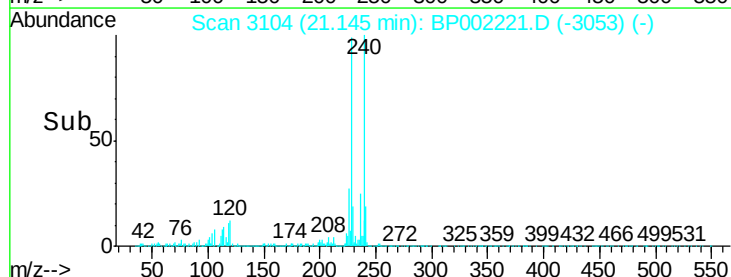
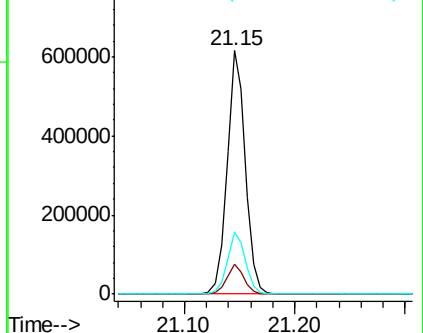
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.4	14.2
236	25.2	20.3	30.5

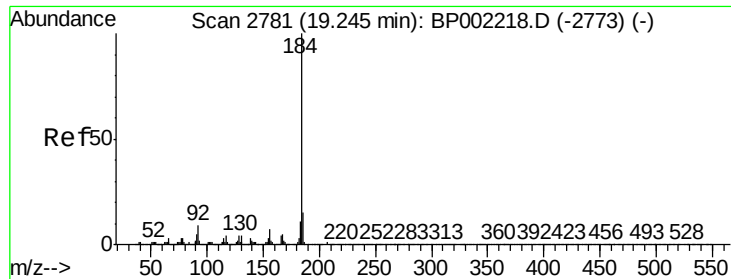


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

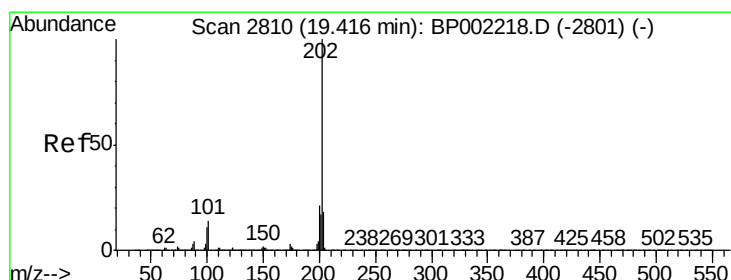
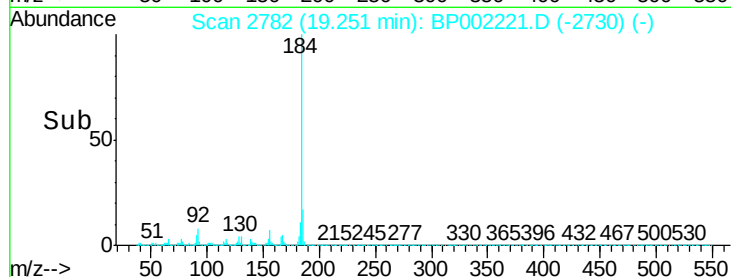
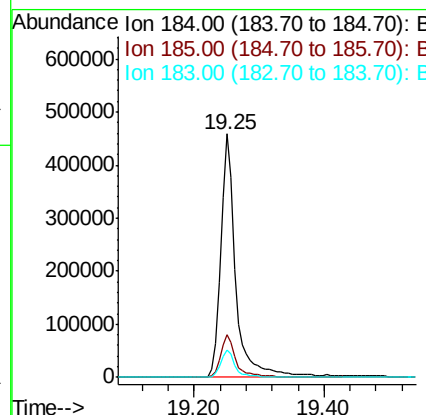
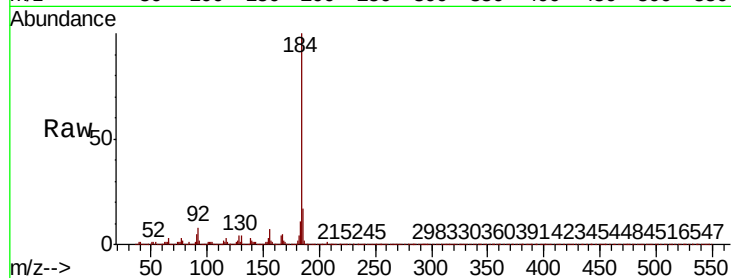




#77
Benzidine
Concen: 44.109 ng
RT: 19.25 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

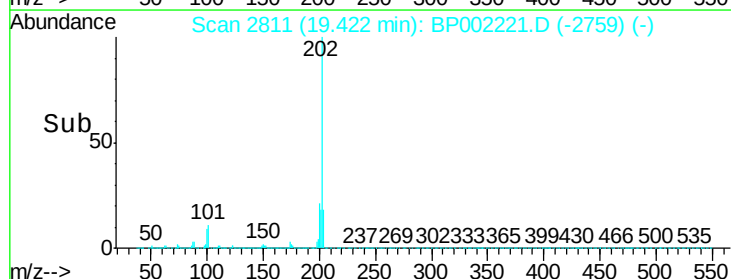
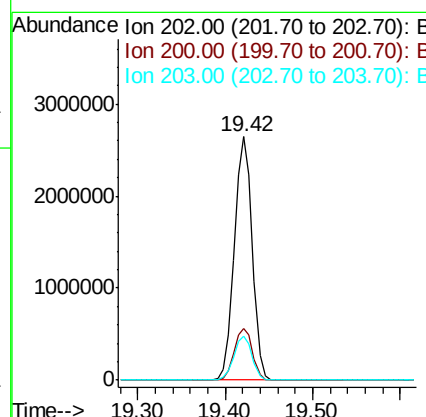
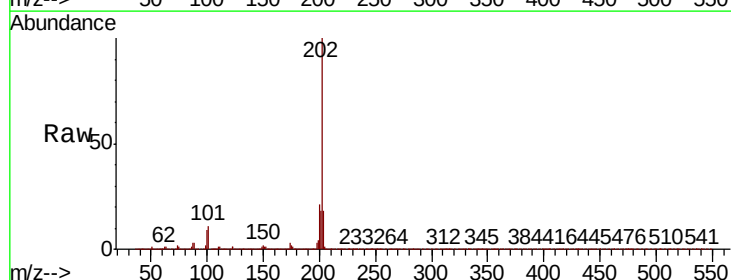
Instrument :
BNA_P
ClientSampleId :

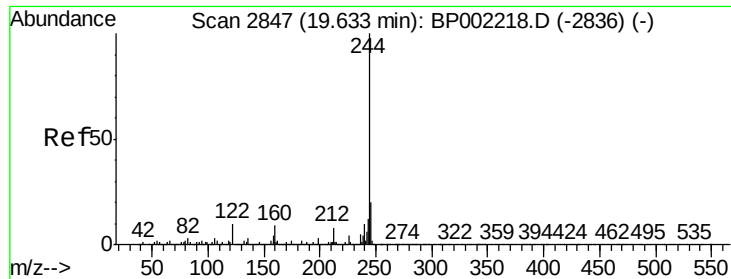
Tot Ion:184 Resp: 733225
Ion Ratio Lower Upper
184 100
185 17.3 11.6 17.4
183 11.1 9.0 13.6



#78
Pyrene
Concen: 75.600 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:202 Resp: 3680888
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 126.282 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampleId :

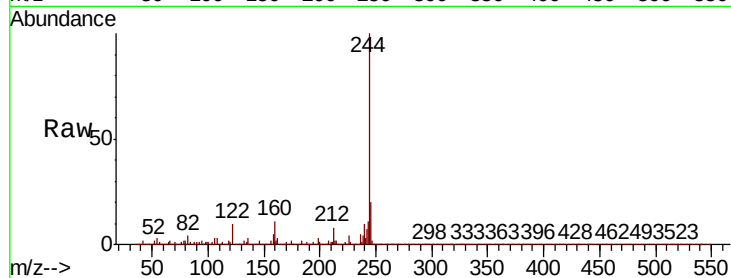
Tot Ion:244 Resp: 4379339

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

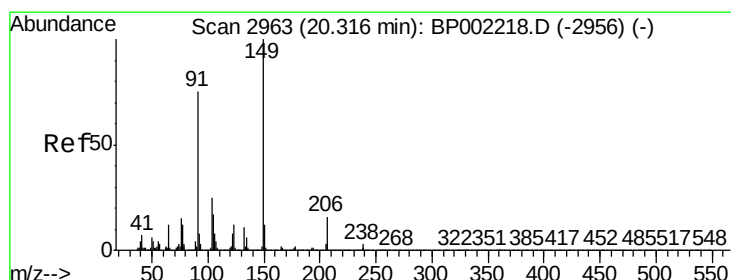
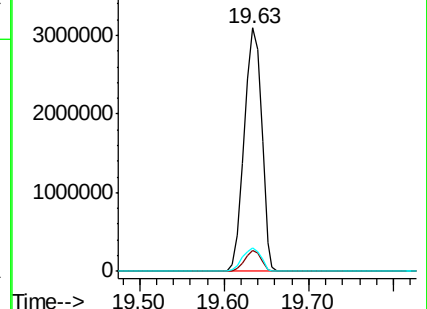
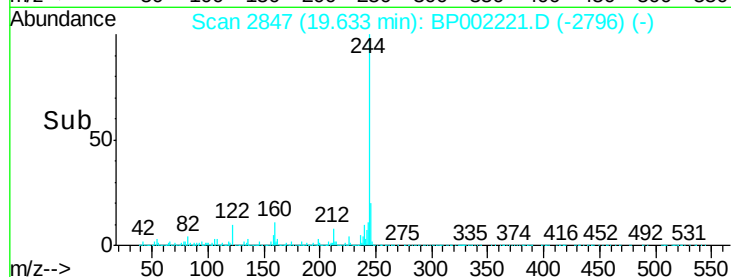
122 9.6 7.9 11.9



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: 25.424 ng

RT: 20.32 min Scan# 2964

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

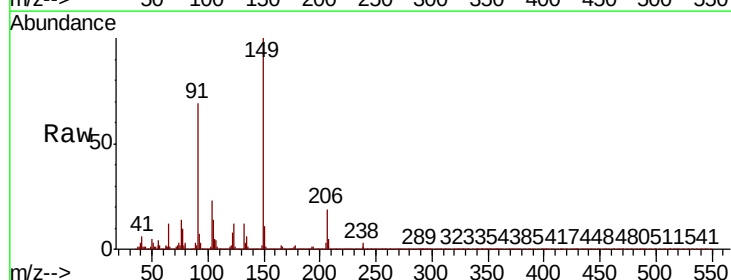
Tgt Ion:149 Resp: 486016

Ion Ratio Lower Upper

149 100

91 69.2 59.9 89.9

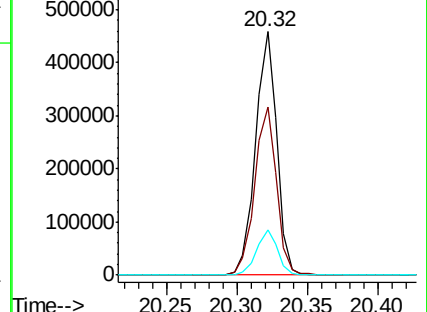
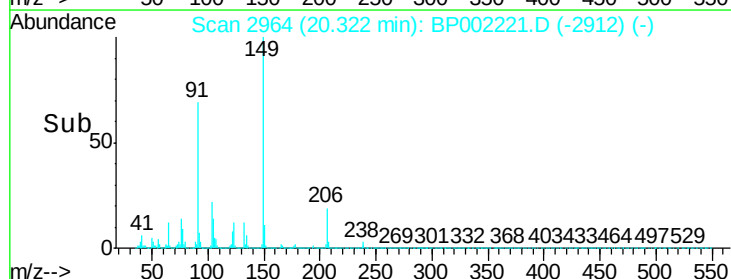
206 18.6 12.7 19.1

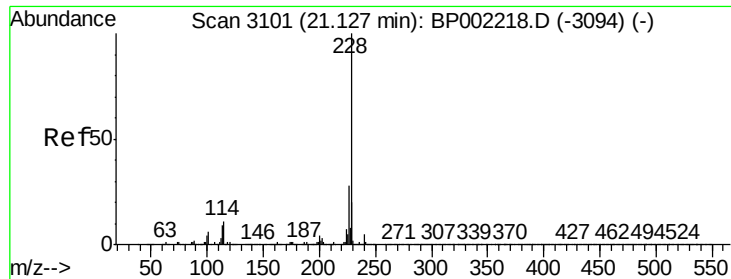


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 74.182 ng

RT: 21.13 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

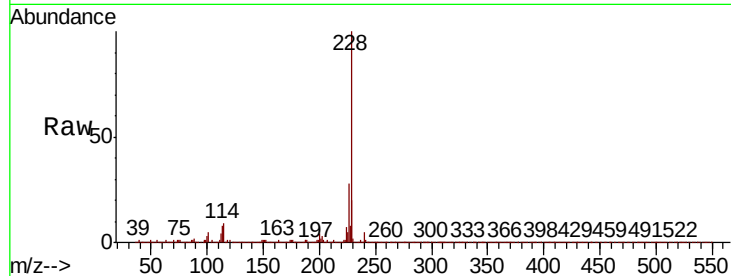
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 3493330

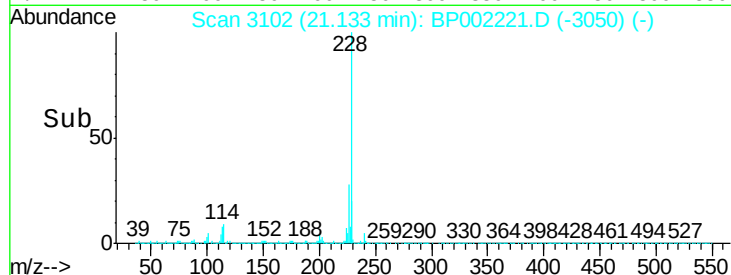
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	20.2	16.2	24.2



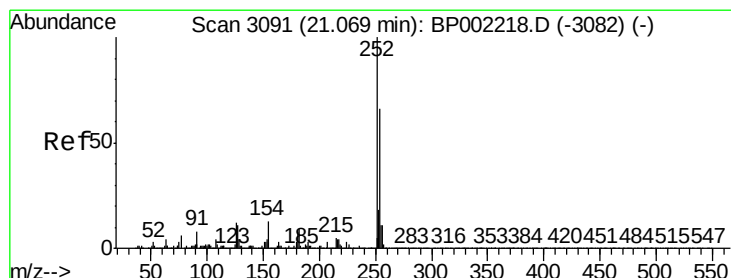
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 61.474 ng

RT: 21.07 min Scan# 3091

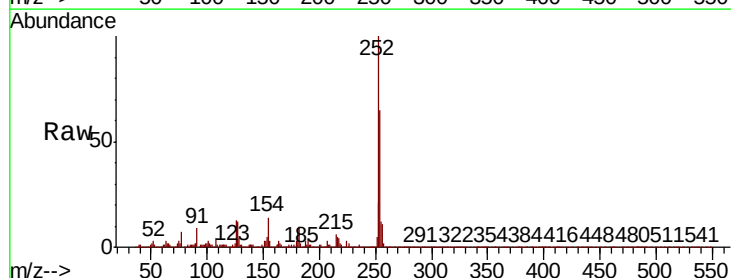
Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Tgt Ion:252 Resp: 976359

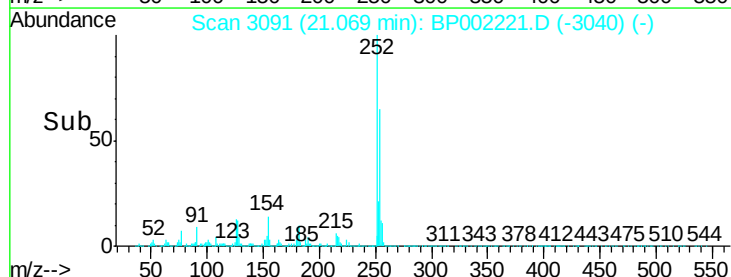
Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.9	79.3
126	13.1	9.5	14.3



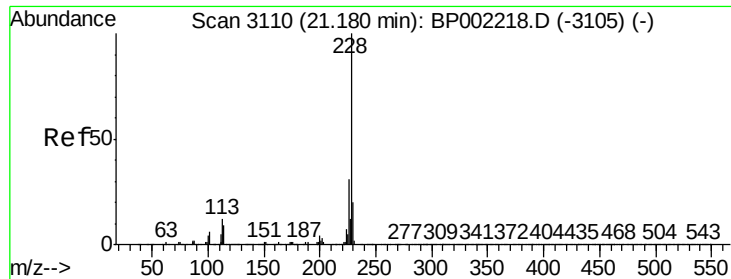
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



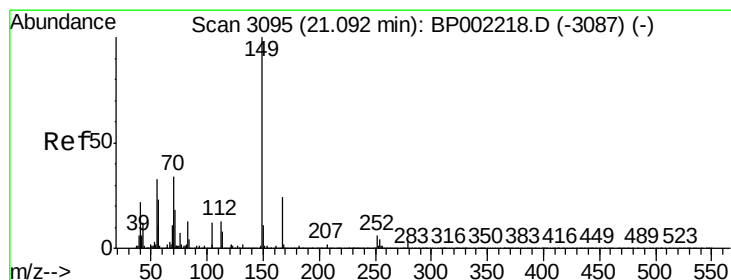
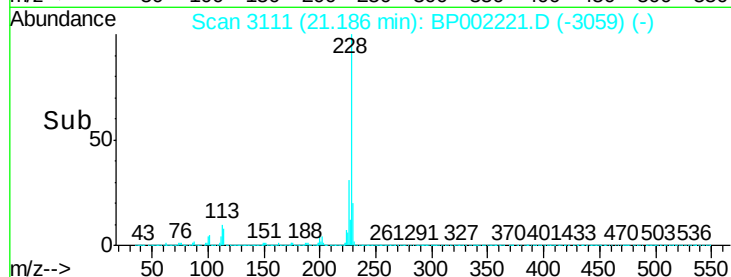
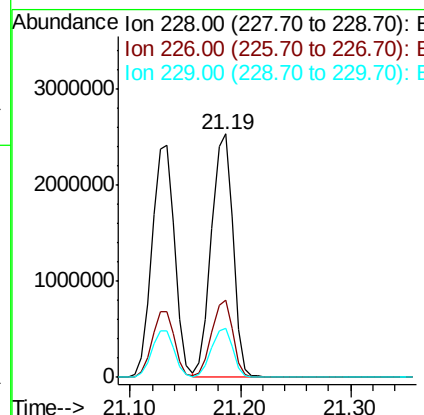
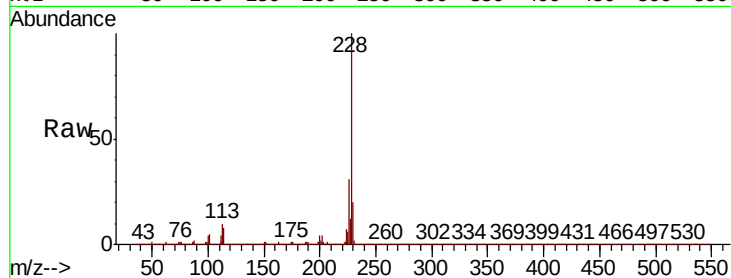
Time-->



#83
 Chrysene
 Concen: 75.979 ng
 RT: 21.19 min Scan# 3111
 Delta R.T. 0.01 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

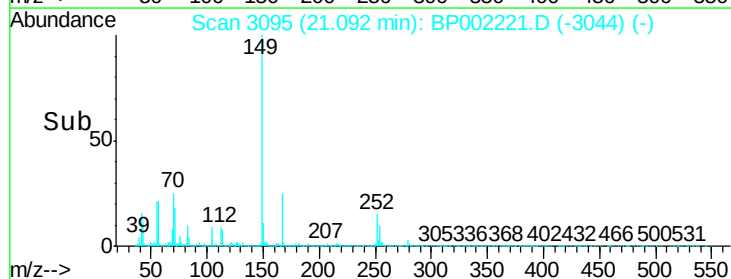
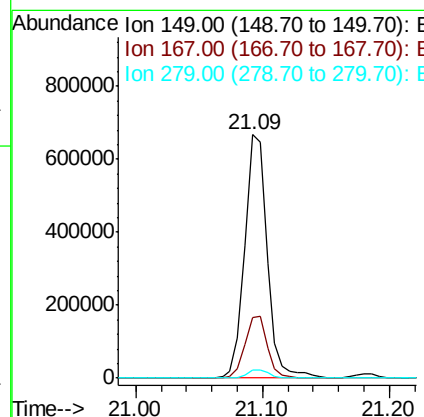
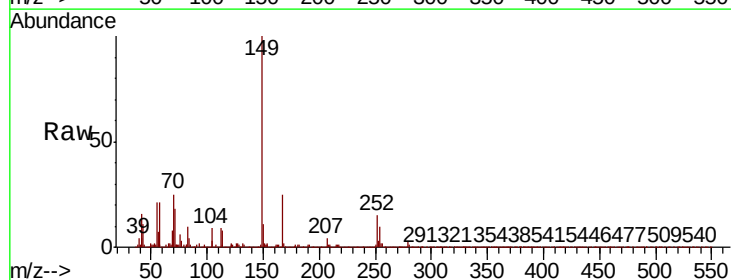
Instrument :
 BNA_P
 ClientSampleId :

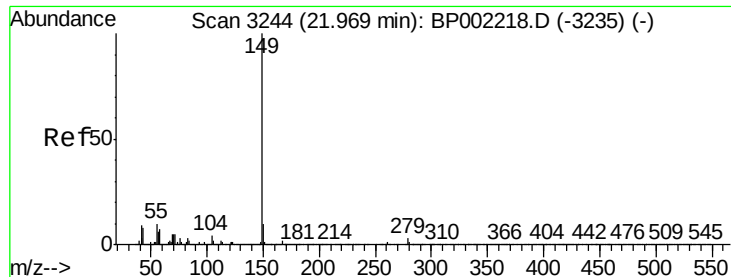
Tot Ion:228 Resp: 3372674
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 19.9 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.164 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.00 min
 Lab File: BP002221.D
 Acq: 18 Mar 2020 18:08

Tgt Ion:149 Resp: 815084
 Ion Ratio Lower Upper
 149 100
 167 25.1 18.9 28.3
 279 3.2 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 32.102 ng

RT: 21.97 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampled :

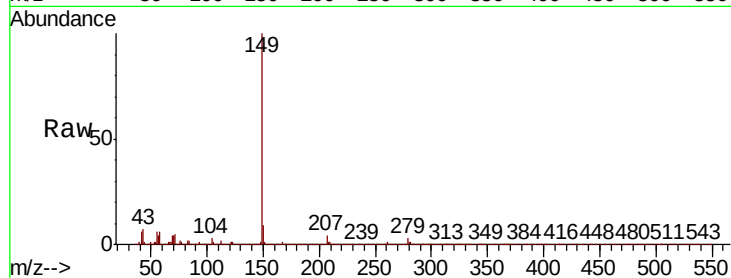
Tot Ion:149 Resp: 1515569

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

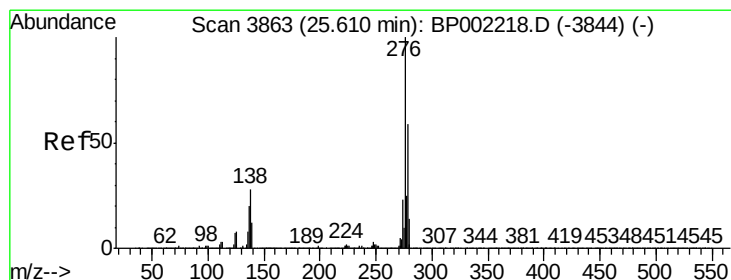
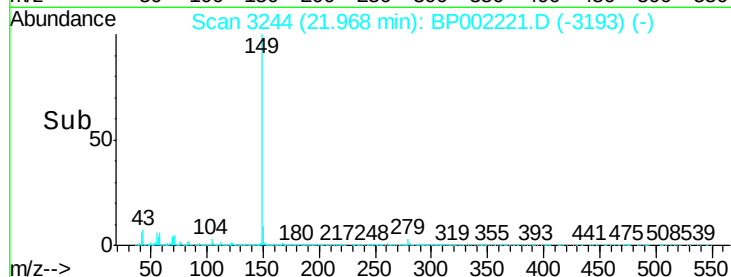
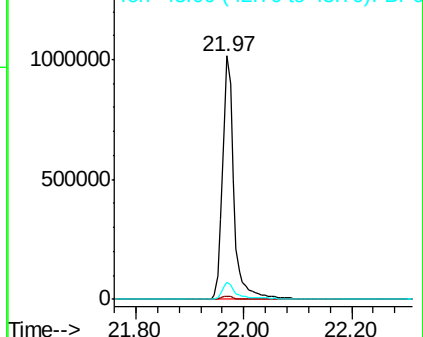
43 9.6 9.3 13.9



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: 76.817 ng

RT: 25.62 min Scan# 3865

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

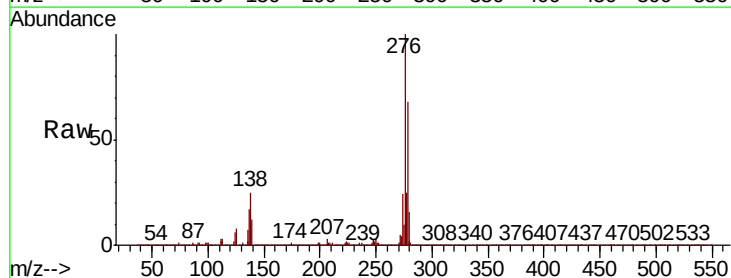
Tgt Ion:276 Resp: 4326423

Ion Ratio Lower Upper

276 100

138 27.2 24.2 36.4

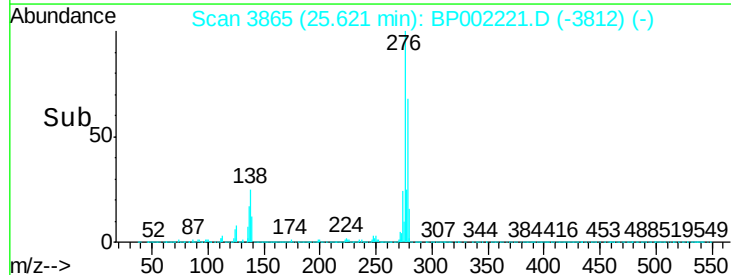
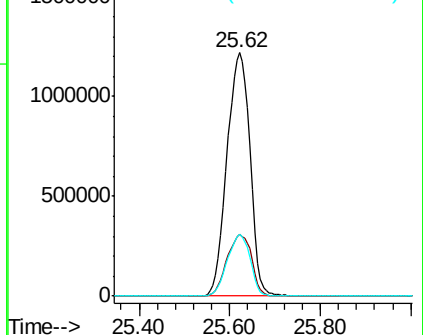
277 25.2 20.1 30.1

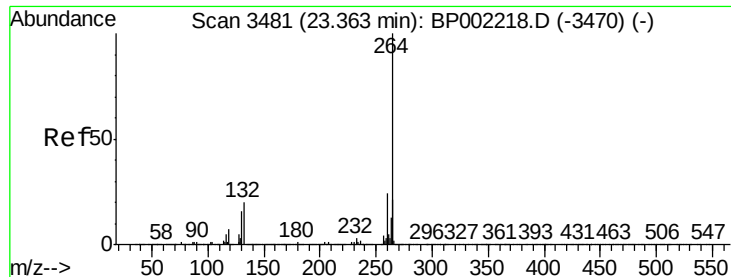


Abundance Ion 276.00 (275.70 to 276.70): E

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: BP002221.D

Acq: 18 Mar 2020 18:08

Instrument :

BNA_P

ClientSampled :

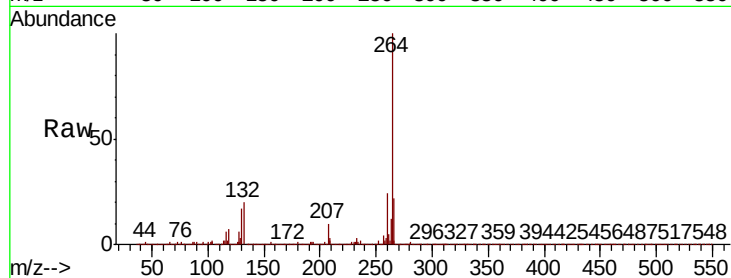
Tot Ion:264 Resp: 773414

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

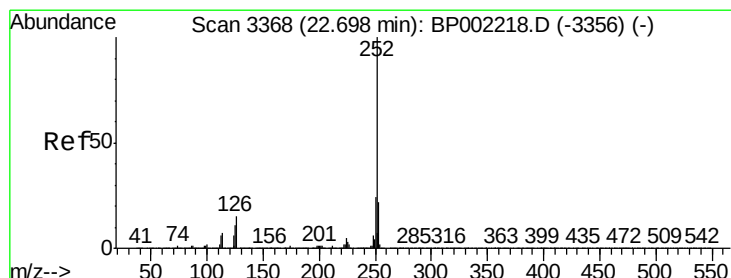
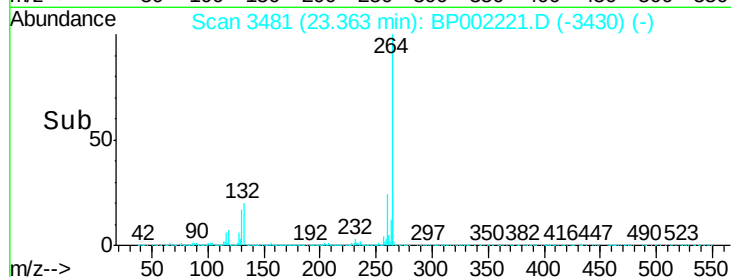
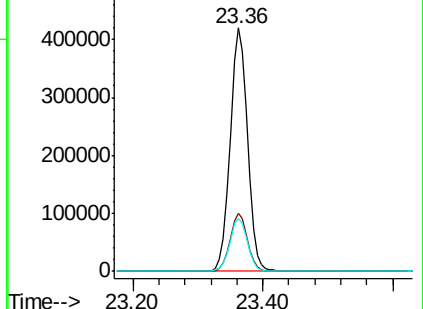
265 21.7 17.1 25.7



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: 81.758 ng

RT: 22.70 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BP002221.D

Acq: 18 Mar 2020 18:08

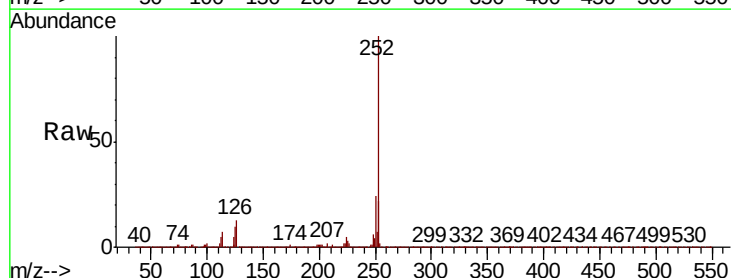
Tgt Ion:252 Resp: 3830849

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

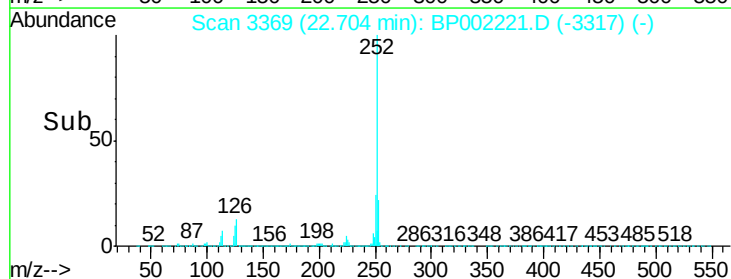
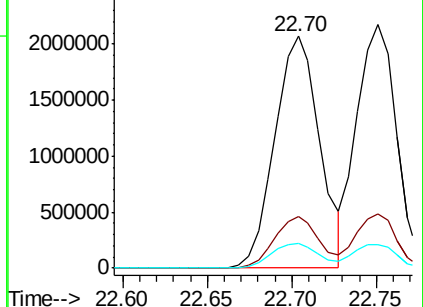
125 10.5 9.1 13.7

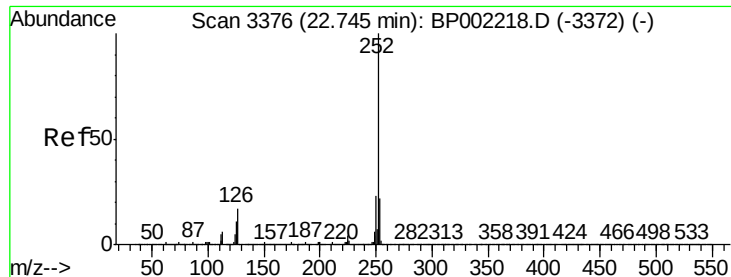


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

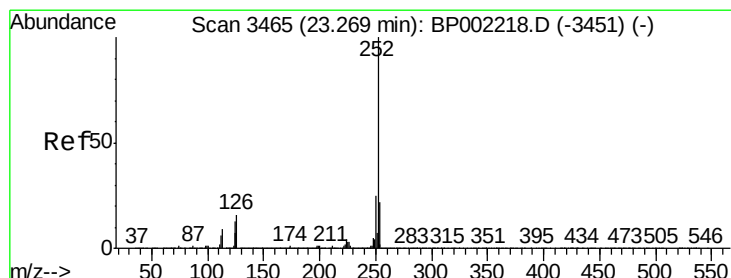
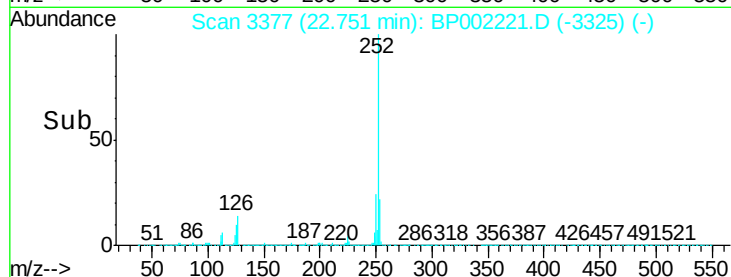
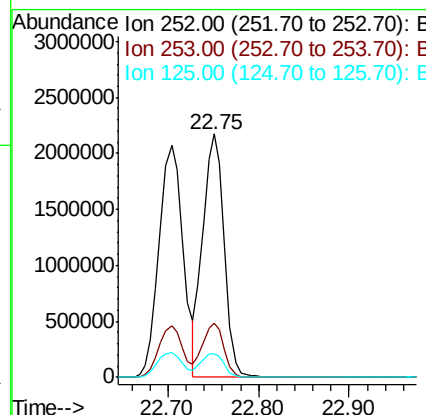
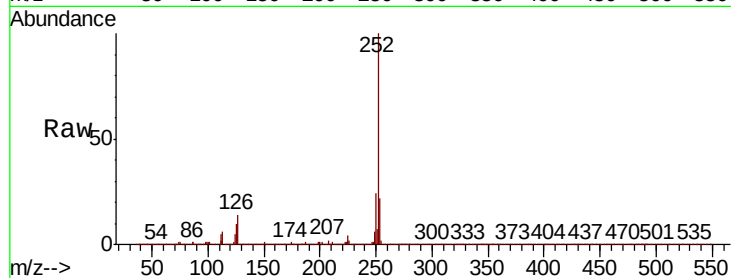




#89
Benzo(k)fluoranthene
Concen: 80.777 ng
RT: 22.75 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

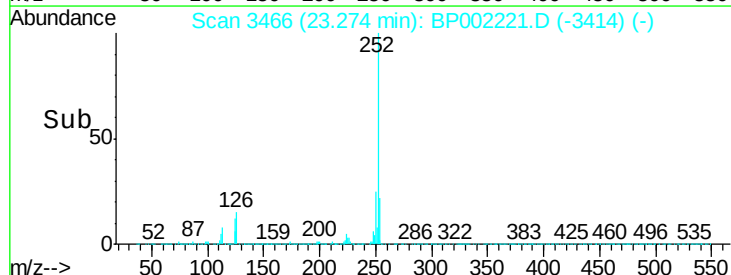
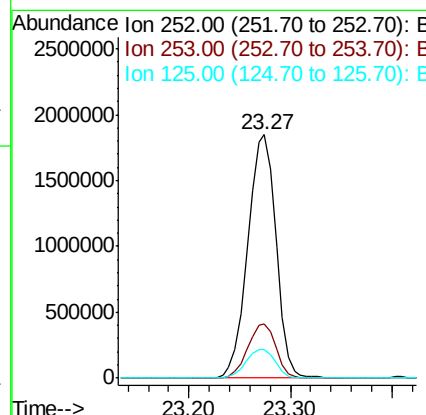
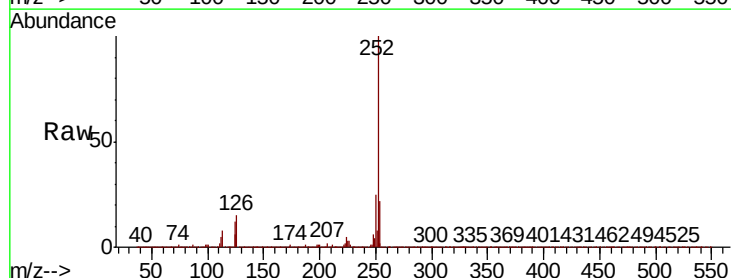
Instrument :
BNA_P
ClientSampled :

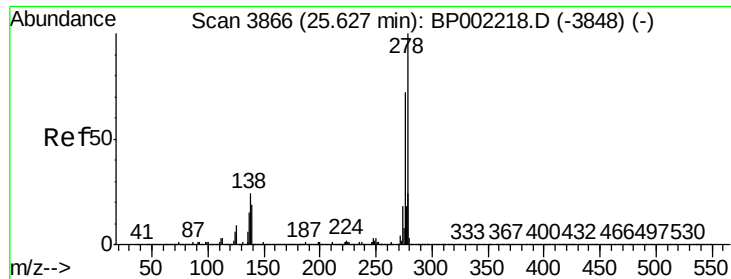
Tot Ion:252 Resp: 3567056
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.7 9.4 14.0



#90
Benzo(a)pyrene
Concen: 83.502 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:252 Resp: 3569783
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.7 10.4 15.6

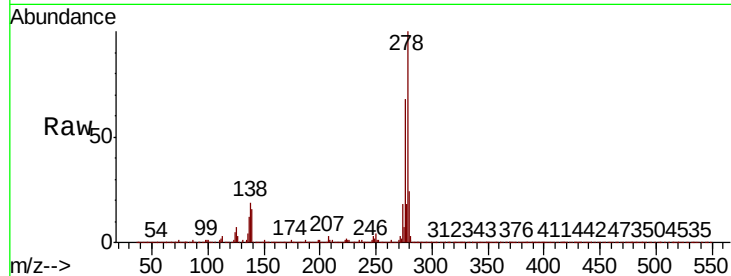




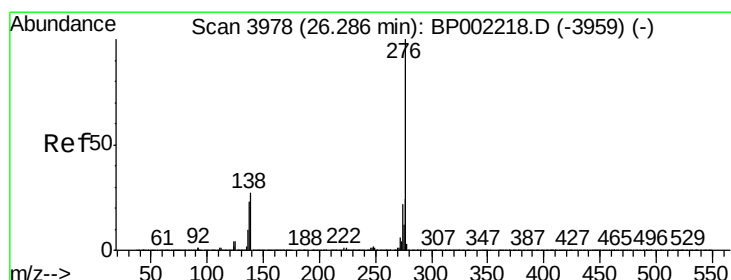
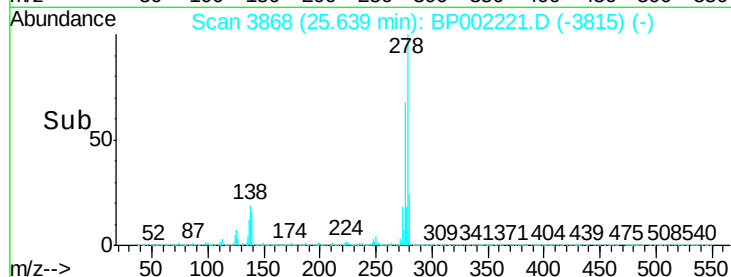
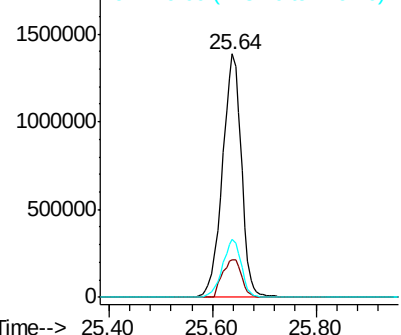
#91
Dibenzo(a,h)anthracene
Concen: 80.671 ng
RT: 25.64 min Scan# 3868
Delta R.T. 0.01 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 3524118
Ion Ratio Lower Upper
278 100
139 15.6 14.8 22.2
279 24.0 19.4 29.0

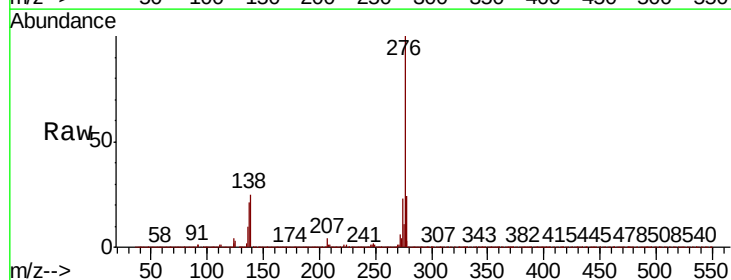


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 85.365 ng
RT: 26.30 min Scan# 3981
Delta R.T. 0.02 min
Lab File: BP002221.D
Acq: 18 Mar 2020 18:08

Tgt Ion:276 Resp: 3680173
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 24.8 21.3 31.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

