

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

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031820

Quant Time: Mar 19 13:25:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 19:28:43 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

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

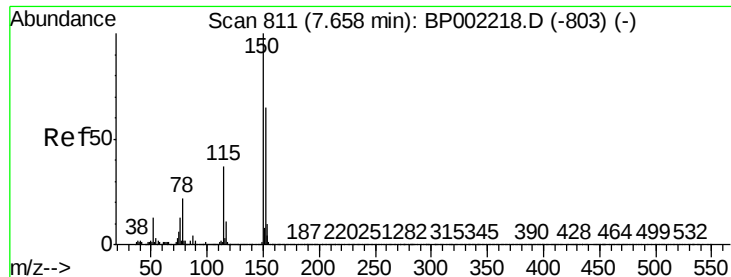
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	259819	43.845	nq	99
43) 2,4,6-Trichlorophenol	12.72	196	325247	40.376	nq	99
44) 2,4,5-Trichlorophenol	12.79	196	356050	37.567	nq	98
46) 1,1'-Biphenyl	13.13	154	1320574	39.591	nq	99
47) 2-Chloronaphthalene	13.16	162	987371	38.227	nq	98
48) 2-Nitroaniline	13.36	65	156193	40.324	nq	95
49) Acenaphthylene	14.02	152	1669819	39.946	nq	100
50) Dimethylphthalate	13.76	163	1231169	40.261	nq	100
51) 2,6-Dinitrotoluene	13.87	165	246291	42.364	nq	94
52) Acenaphthene	14.36	154	1005523	38.730	nq	99
53) 3-Nitroaniline	14.19	138	270067	41.180	nq	100
54) 2,4-Dinitrophenol	14.40	184	112689	40.923	nq	98
55) Dibenzofuran	14.70	168	1510904	38.875	nq	100
56) 4-Nitrophenol	14.50	139	239566	41.611	nq	98
57) 2,4-Dinitrotoluene	14.66	165	320908	41.457	nq	96
58) Fluorene	15.35	166	1079122	36.528	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	315867	40.765	nq	99
60) Diethylphthalate	15.15	149	1217682	44.785	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	518789	36.746	nq	99
62) 4-Nitroaniline	15.36	138	260156	44.505	nq	95
63) Azobenzene	15.65	77	1067011	37.394	nq	99
65) 4,6-Dinitro-2-methylphenol	15.43	198	157944	44.406	nq	98
66) n-Nitrosodiphenylamine	15.57	169	1022861	40.205	nq	99
67) 4-Bromophenyl-phenylether	16.25	248	356756	37.572	nq	97
68) Hexachlorobenzene	16.36	284	406842	38.648	nq	98
69) Atrazine	16.53	200	310718	46.318	nq	97
70) Pentachlorophenol	16.70	266	261171	40.475	nq	98
71) Phenanthrene	17.09	178	1907459	39.345	nq	99
72) Anthracene	17.18	178	1939203	40.231	nq	99
73) Carbazole	17.45	167	1821096	38.989	nq	99
74) Di-n-butylphthalate	18.04	149	1583710	52.787	nq	98
75) Fluoranthene	19.07	202	2188626	39.917	nq	100
77) Benzidine	19.25	184	377553	52.561	nq	96
78) Pyrene	19.42	202	2316473	42.238	nq	100
80) Butylbenzylphthalate	20.32	149	267232	42.493	nq	96
81) Benzo(a)anthracene	21.13	228	2123965	41.147	nq	100
82) 3,3'-Dichlorobenzidine	21.07	252	543741	50.726	nq	99
83) Chrysene	21.18	228	2099652	41.157	nq	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	451216	43.794	nq	96
85) Di-n-octyl phthalate	21.97	149	799260	46.511	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.61	276	2538845	42.978	nq	99
88) Benzo(b)fluoranthene	22.70	252	2193831	37.962	nq	99
89) Benzo(k)fluoranthene	22.74	252	2212799	38.327	nq	99
90) Benzo(a)pyrene	23.27	252	2138494	39.725	nq	99
91) Dibenzo(a,h)anthracene	25.63	278	2140503	39.526	nq	100
92) Benzo(g,h,i)perylene	26.29	276	2142053	39.879	nq	97

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

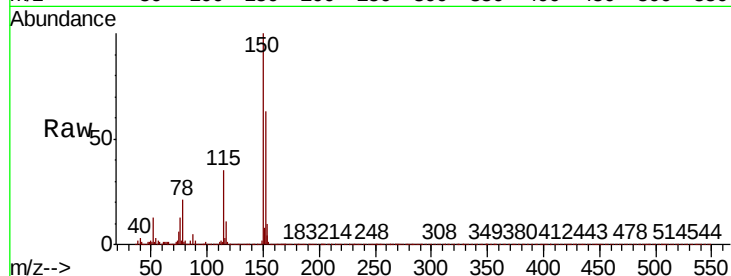


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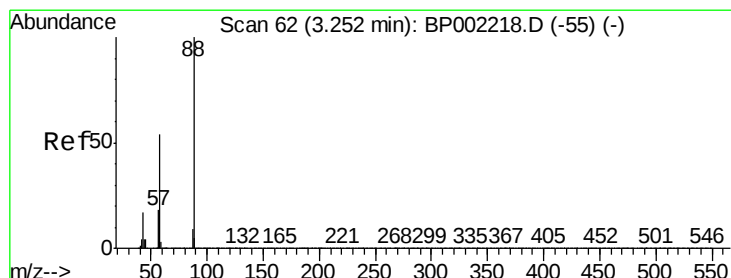
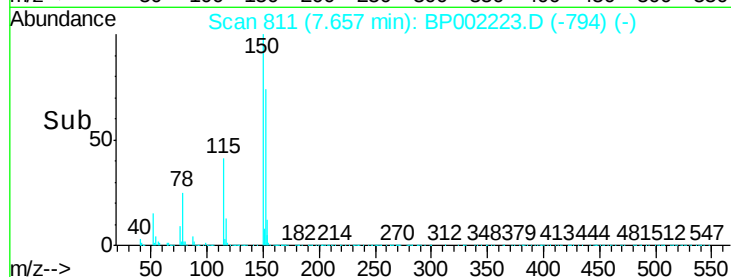
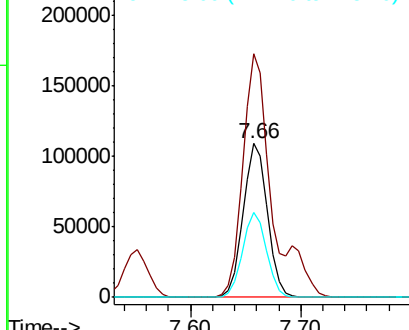
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :
ICVBP031820

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



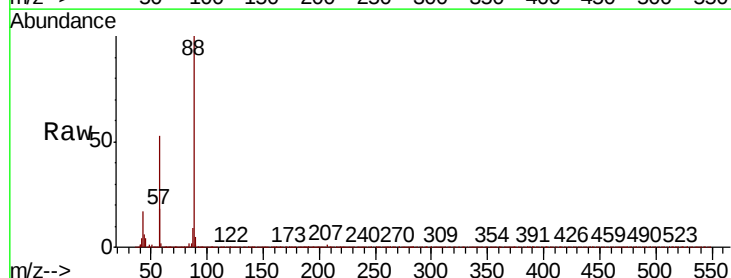
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



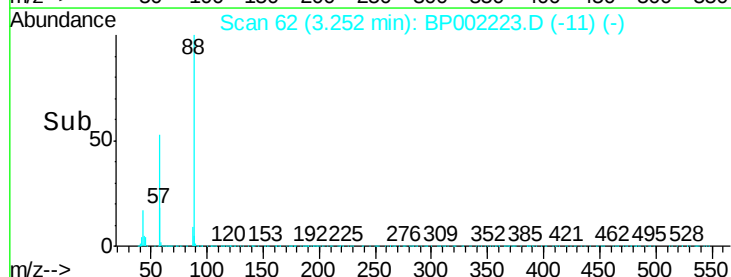
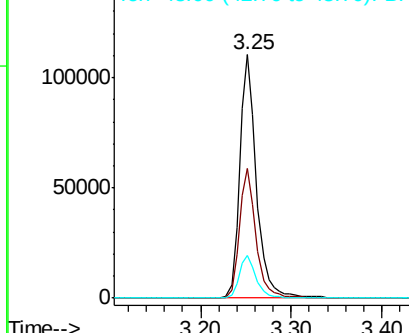
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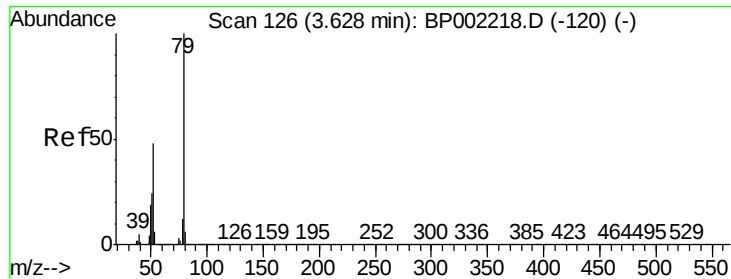
1,4-Dioxane
Concen: 36.728 ng
RT: 3.25 min Scan# 62
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

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



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

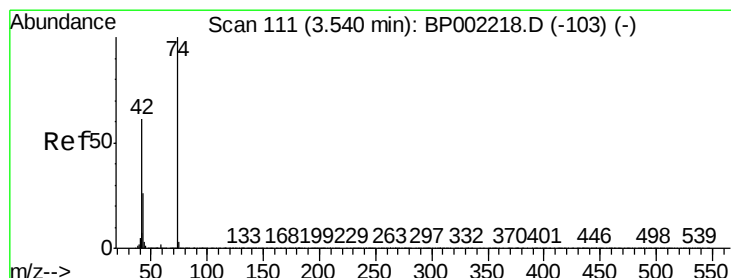
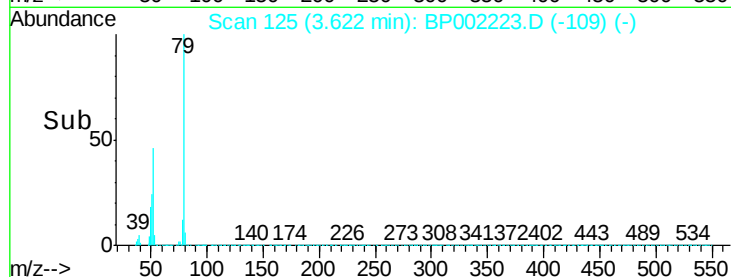
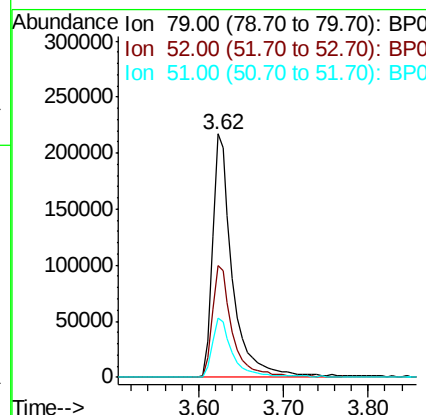
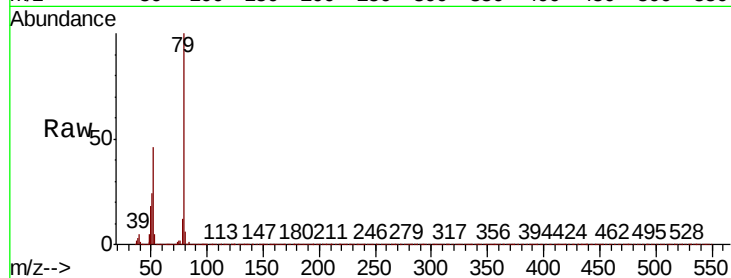




#3
 Pvridine
 Concen: 33.251 ng
 RT: 3.62 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

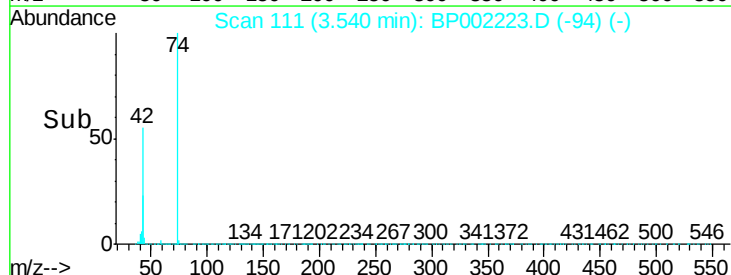
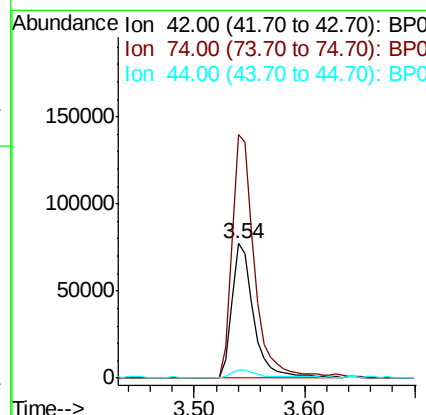
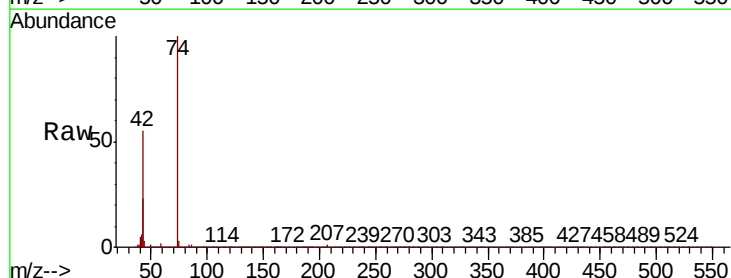
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031820

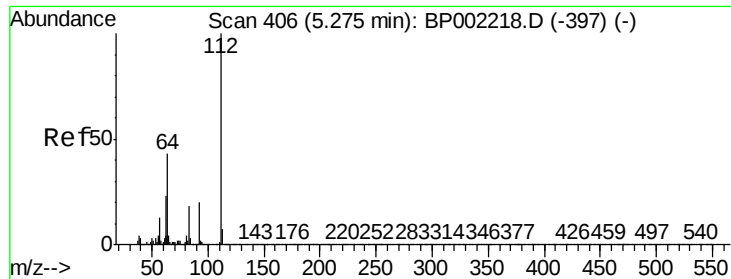
Tot Ion	Ratio	Lower	Upper
79	100		
52	46.0	38.1	57.1
51	24.2	19.5	29.3



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

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





#5

2-Fluorophenol

Concen: 75.061 ng

RT: 5.28 min Scan# 406

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

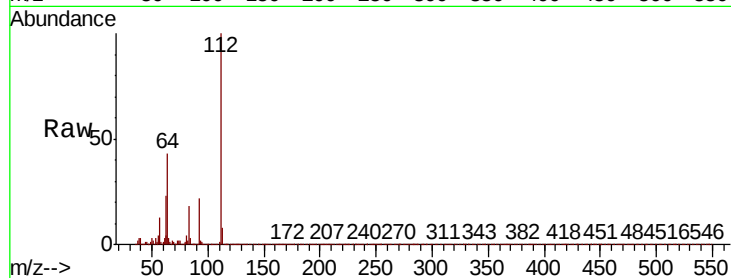
Tot Ion:112 Resp: 710845

Ion Ratio Lower Upper

112 100

64 42.6 34.2 51.4

63 23.0 18.6 27.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

5.28

600000

500000

400000

300000

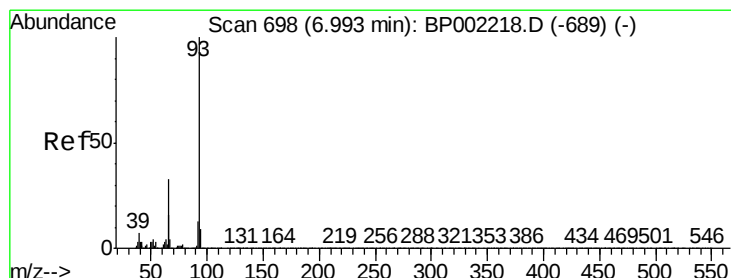
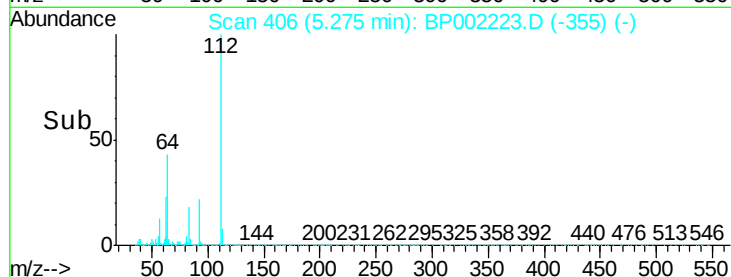
200000

100000

0

5.20 5.30 5.40

Time-->



#6

Aniline

Concen: 40.213 ng

RT: 6.99 min Scan# 698

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

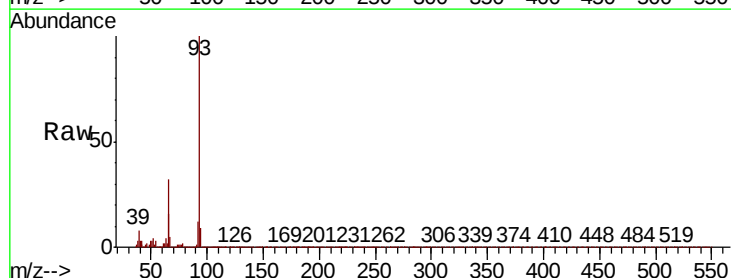
Tgt Ion: 93 Resp: 603768

Ion Ratio Lower Upper

93 100

66 31.9 26.2 39.2

65 16.4 13.0 19.4



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

6.99

500000

400000

300000

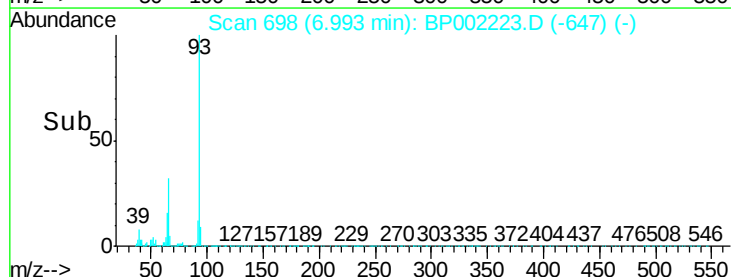
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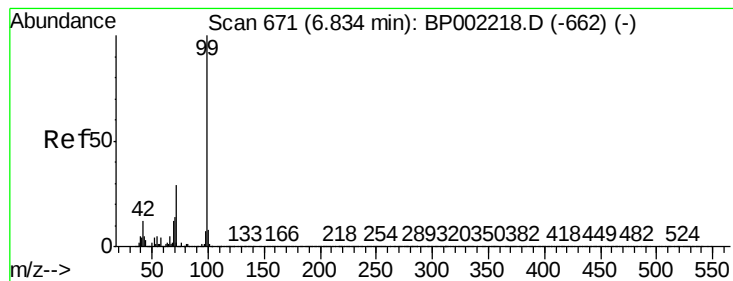
100000

0

6.90 6.95 7.00 7.05

Time-->





#7

Phenol-d6

Concen: 76.057 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

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BNA_P

ClientSampleId :

ICVBP031820

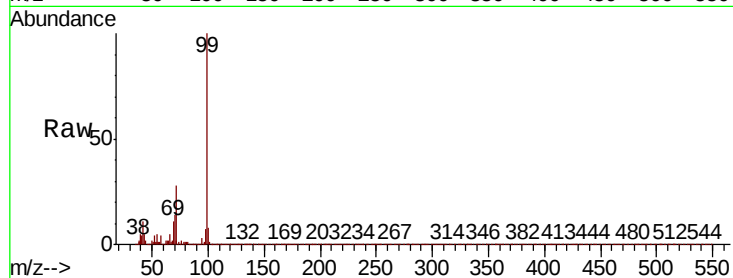
Tot Ion: 99 Resp: 925883

Ion Ratio Lower Upper

99 100

42 11.1 9.2 13.8

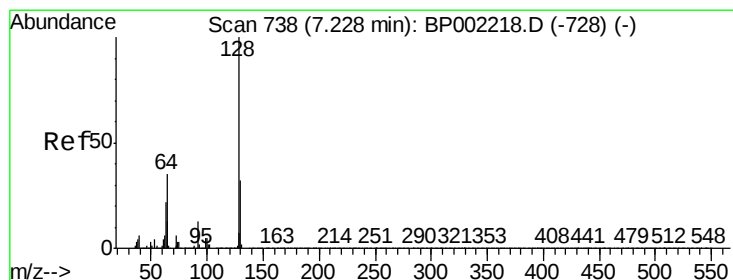
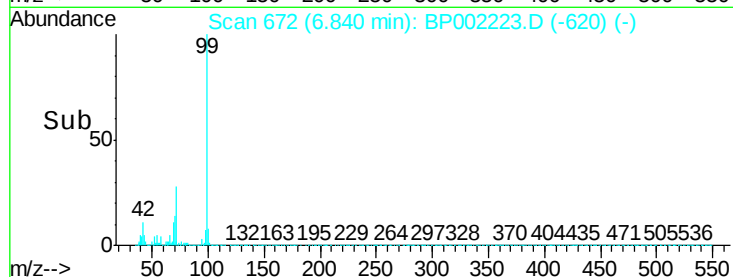
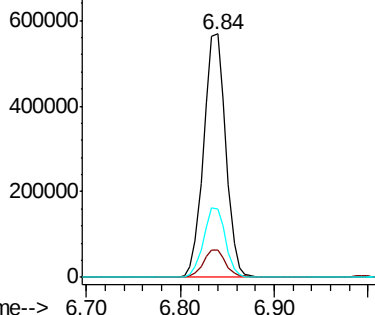
71 28.3 22.8 34.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 39.730 ng

RT: 7.23 min Scan# 738

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

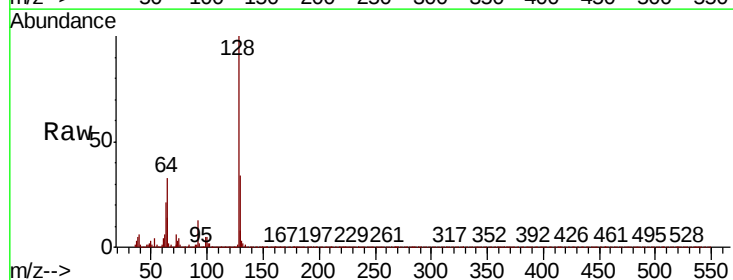
Tgt Ion: 128 Resp: 448372

Ion Ratio Lower Upper

128 100

130 33.5 12.1 52.1

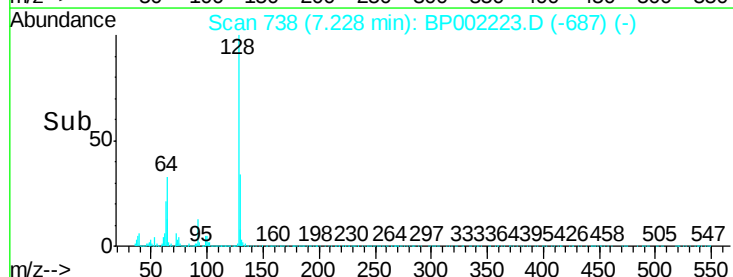
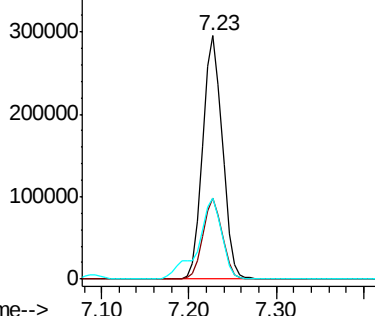
64 33.1 14.9 54.9

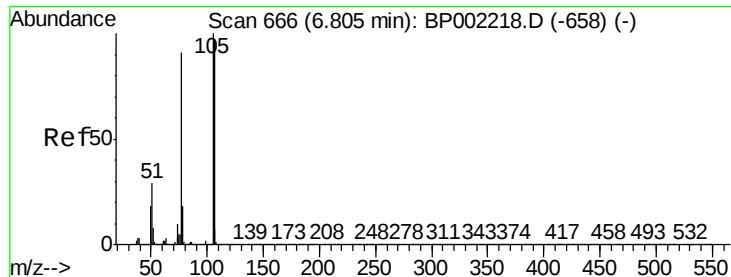


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 36.784 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

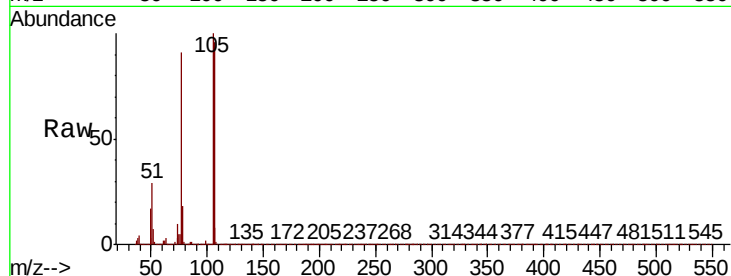
Tot Ion: 77 Resp: 272836

Ion Ratio Lower Upper

77 100

105 110.0 89.3 129.3

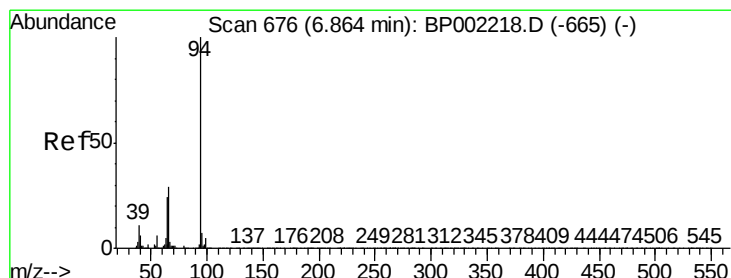
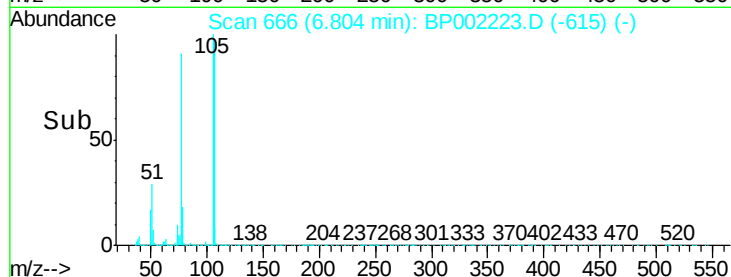
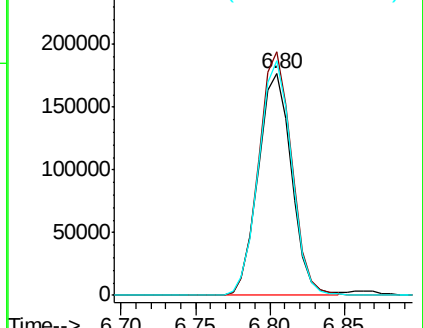
106 106.1 86.1 126.1



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 39.373 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

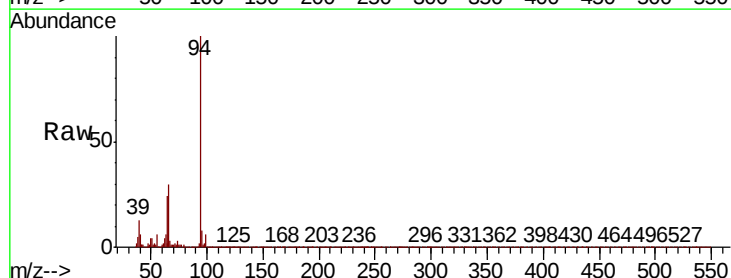
Tgt Ion: 94 Resp: 494888

Ion Ratio Lower Upper

94 100

65 23.6 4.3 44.3

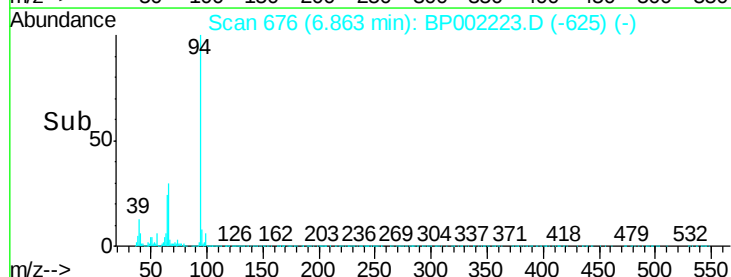
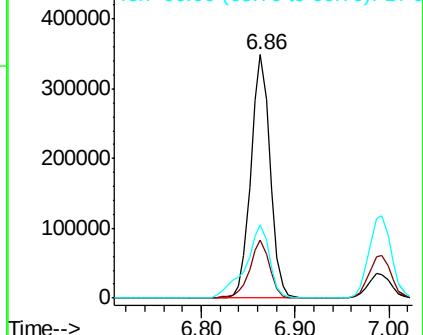
66 30.3 9.5 49.5

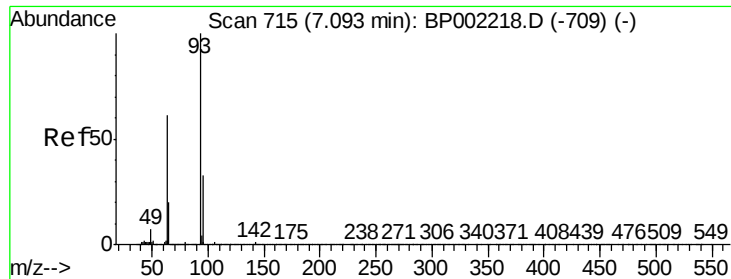


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

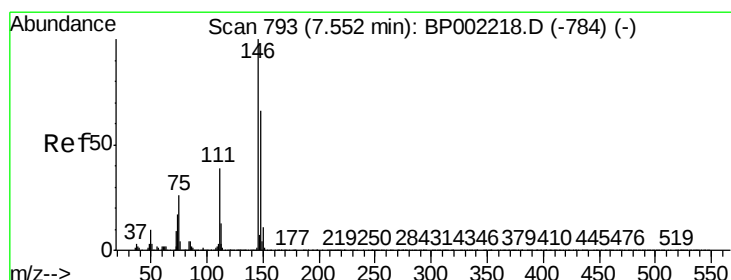
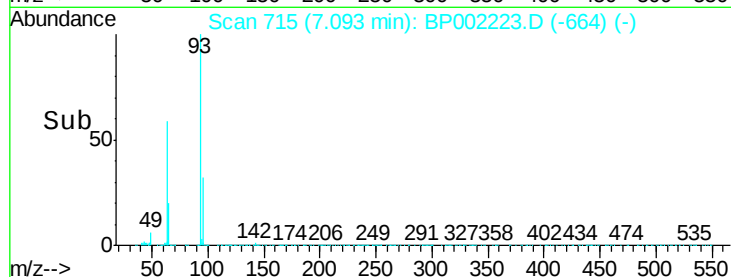
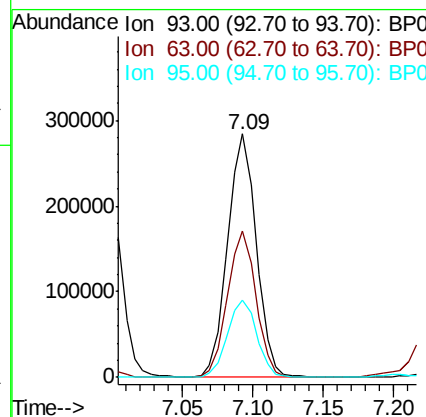
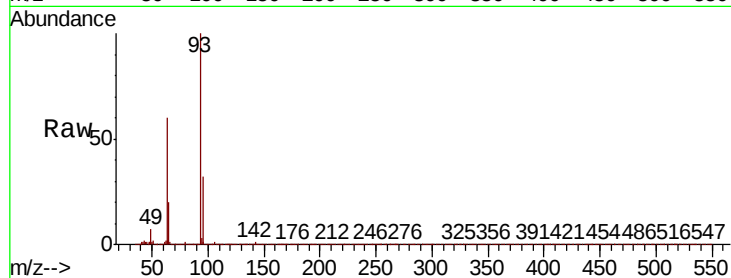




#11
bis(2-Chloroethyl)ether
Concen: 37.227 ng
RT: 7.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

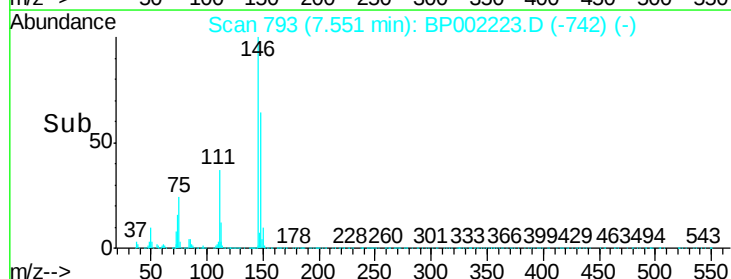
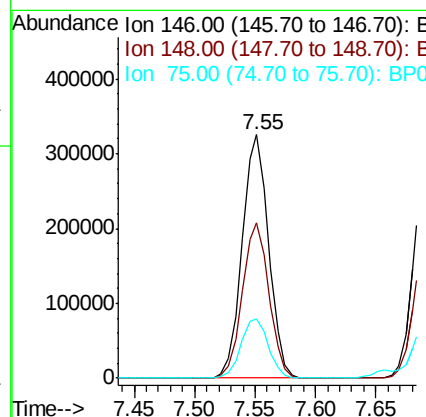
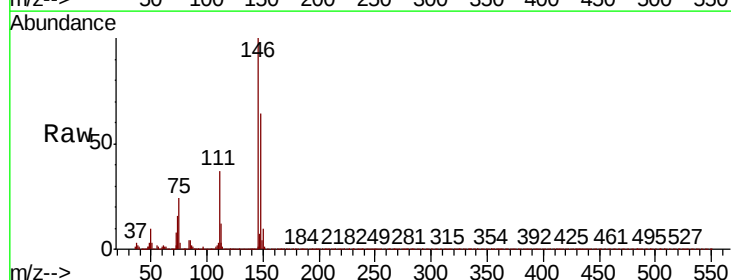
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

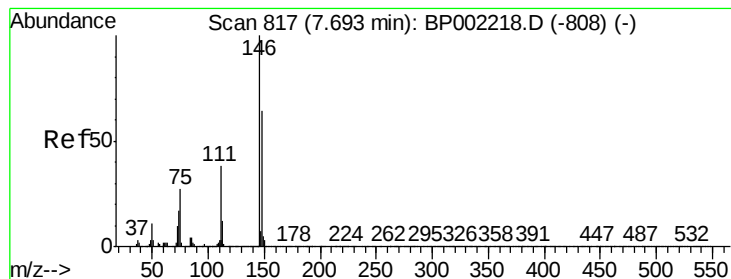
Tot Ion:	93	Resp:	403301
Ion	Ratio	Lower	Upper
93	100		
63	60.2	40.3	80.3
95	31.9	12.7	52.7



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

Tgt Ion:	146	Resp:	496656
Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.8	79.2
75	24.5	21.1	31.7





#13

1,4-Dichlorobenzene

Concen: 38.571 ng

RT: 7.69 min Scan# 817

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

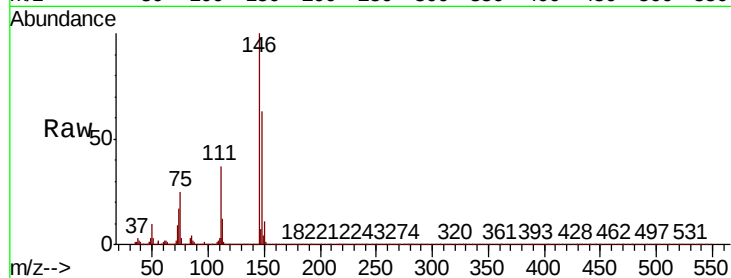
Tot Ion:146 Resp: 508353

Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.6

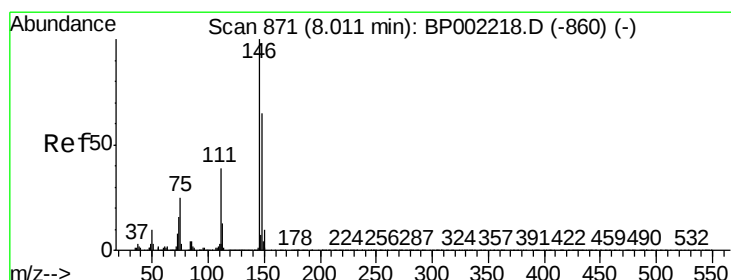
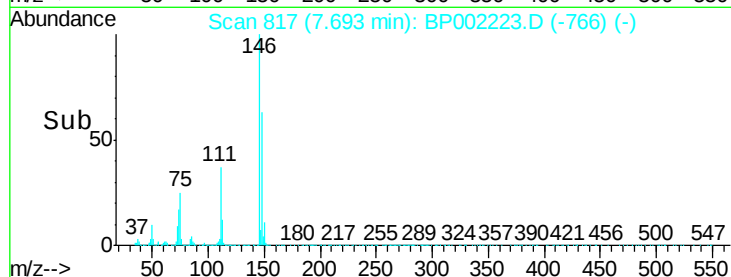
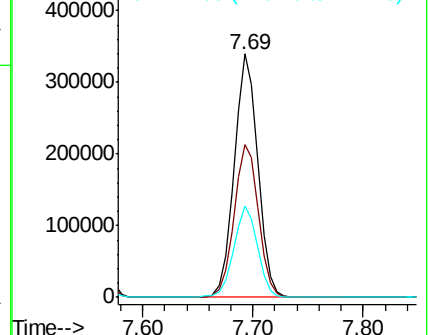
111 37.4 30.2 45.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.932 ng

RT: 8.01 min Scan# 871

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

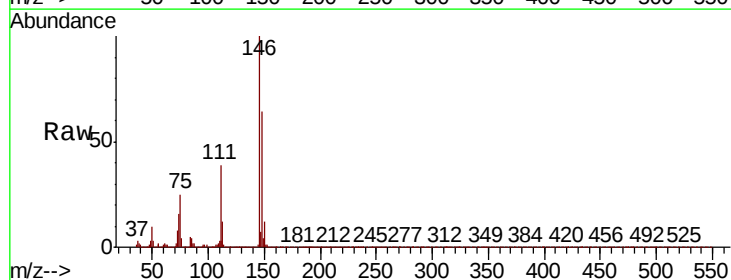
Tgt Ion:146 Resp: 484384

Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

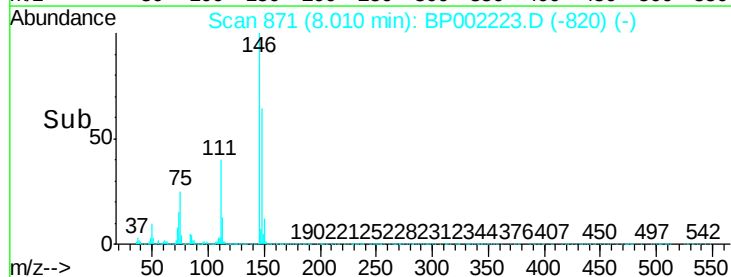
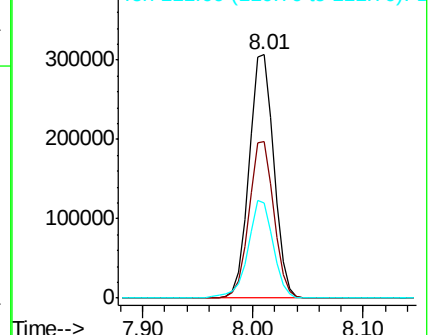
111 39.0 31.0 46.6

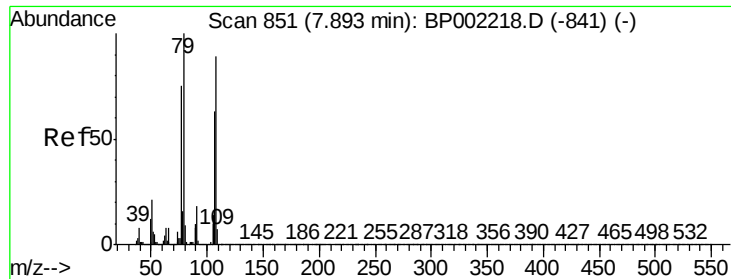


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.392 ng

RT: 7.89 min Scan# 851

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

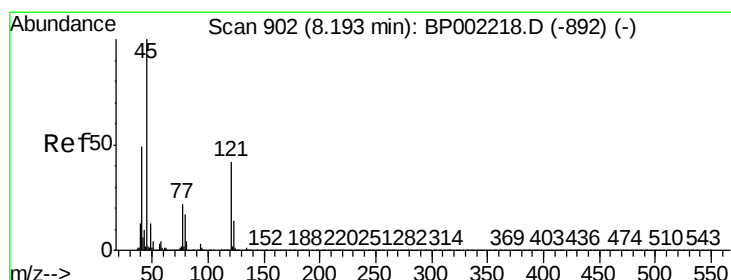
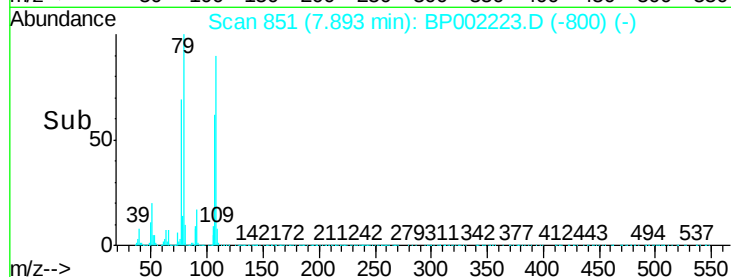
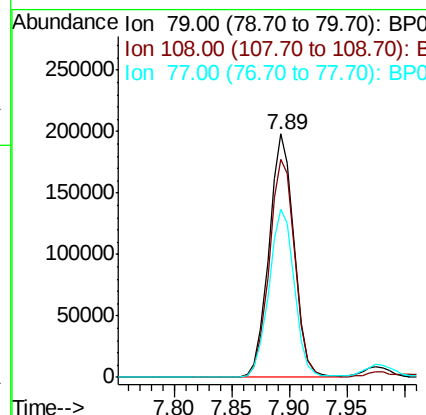
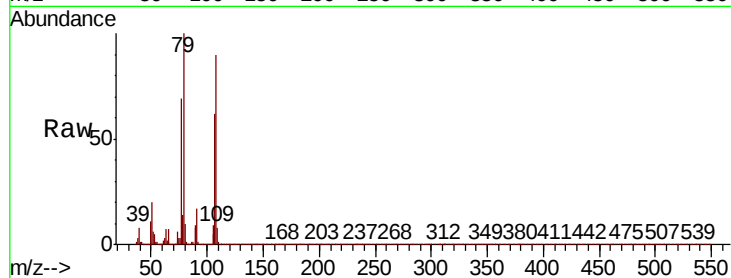
Tot Ion: 79 Resp: 300772

Ion Ratio Lower Upper

79 100

108 89.6 71.0 106.4

77 69.2 59.8 89.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.841 ng

RT: 8.20 min Scan# 903

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

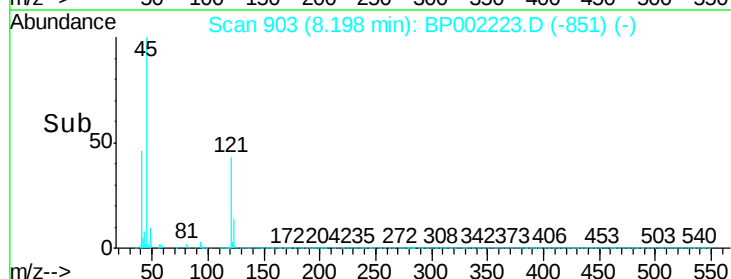
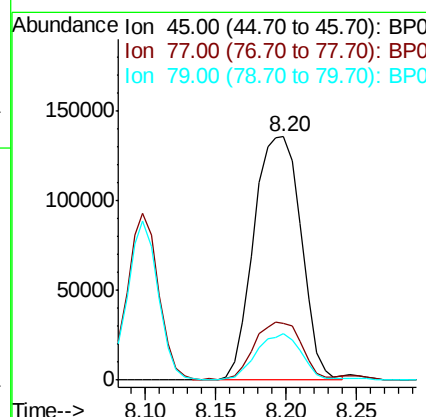
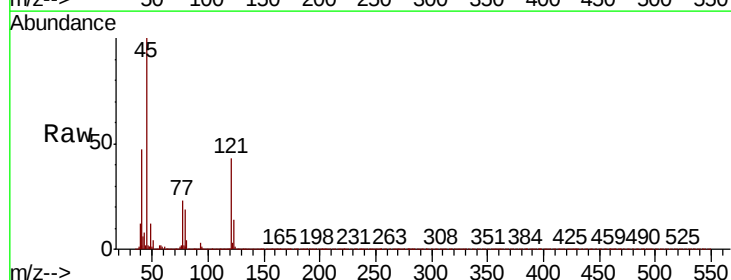
Tgt Ion: 45 Resp: 318966

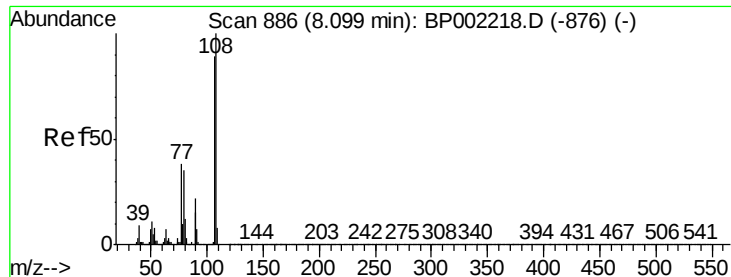
Ion Ratio Lower Upper

45 100

77 23.2 3.1 43.1

79 19.0 0.0 37.5

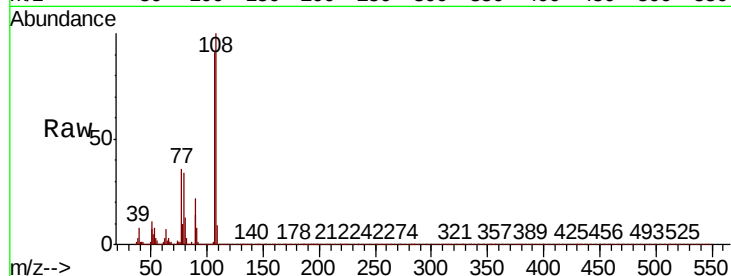




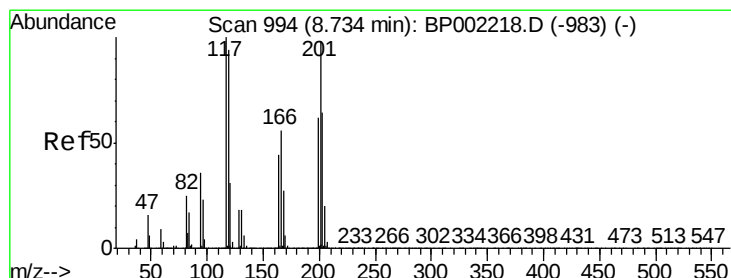
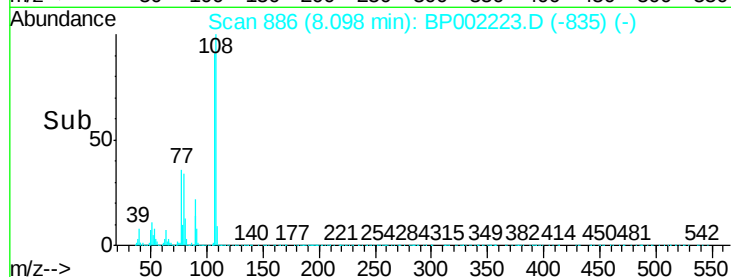
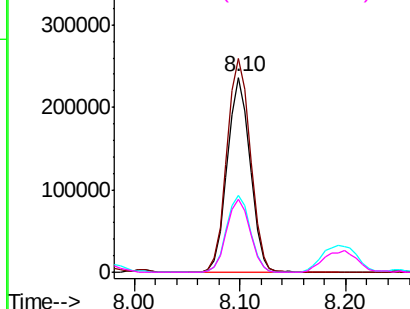
#17
2-Methylphenol
Concen: 36.259 ng
RT: 8.10 min Scan# 886
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :
ICVBP031820

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

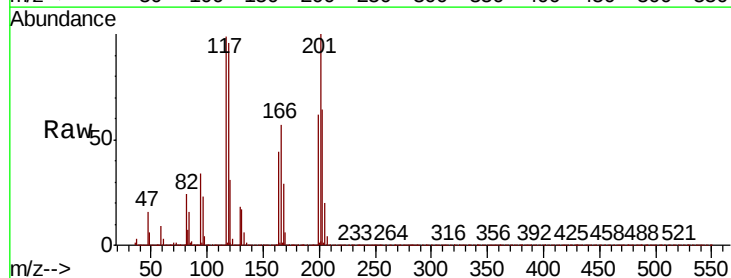


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

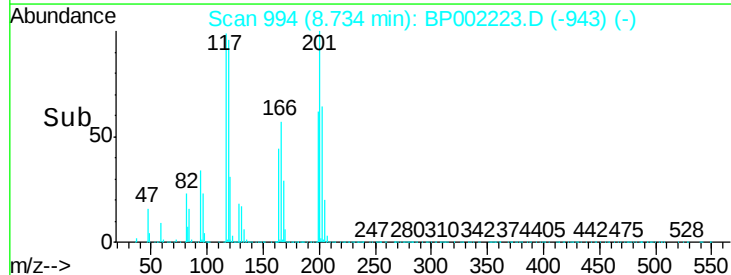
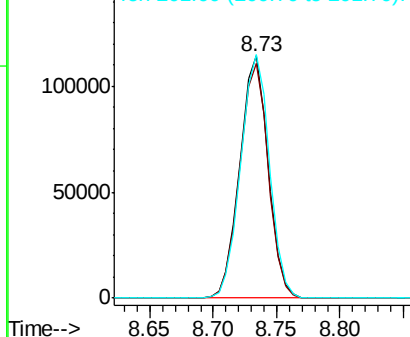


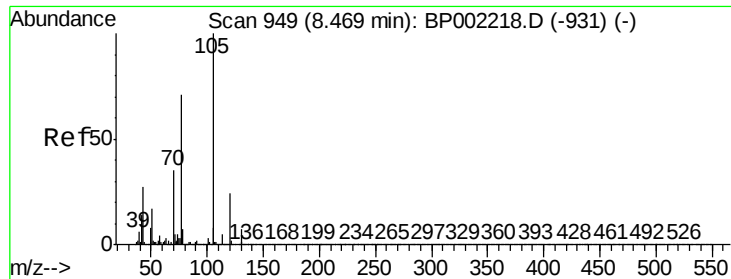
#18
Hexachloroethane
Concen: 38.018 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

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



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

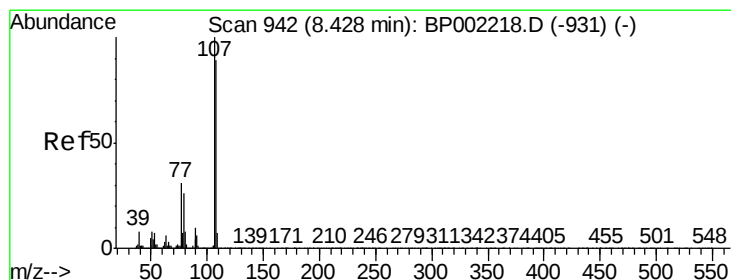
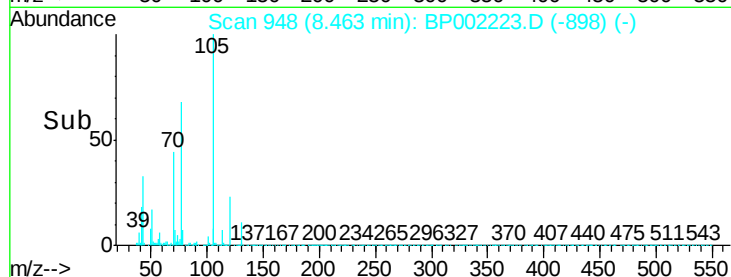
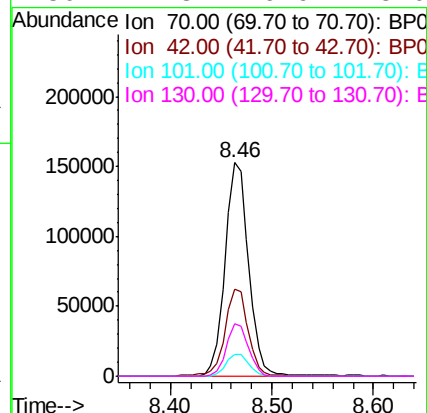
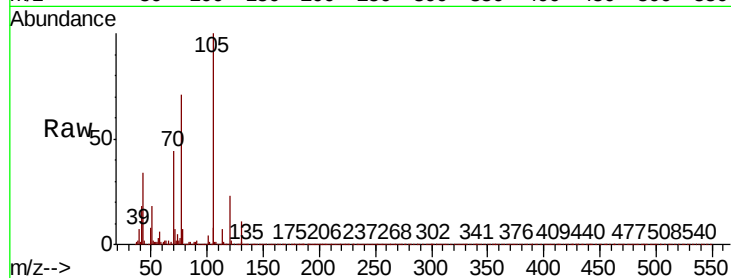




#19
n-Nitroso-di-n-propylamine
Concen: 41.026 ng
RT: 8.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

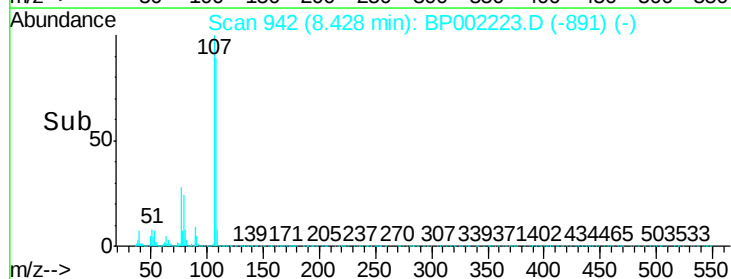
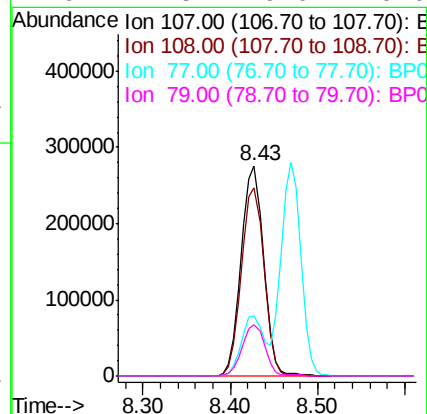
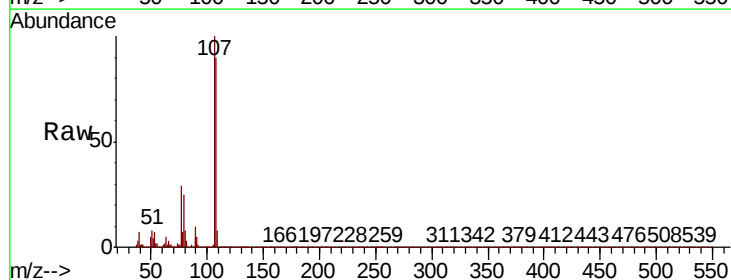
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

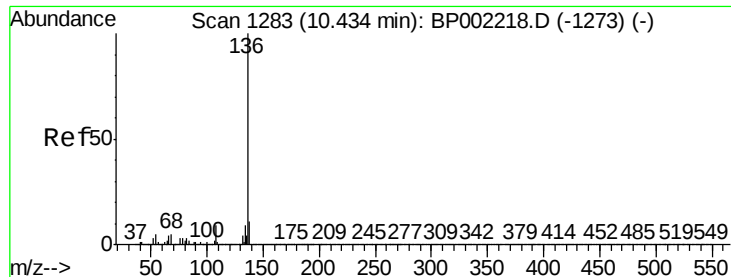
Tot Ion:	70	Resp:	246108
Ion	Ratio	Lower	Upper
70	100		
42	41.0	31.9	47.9
101	10.1	8.1	12.1
130	24.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.478 ng
RT: 8.43 min Scan# 942
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

Tot Ion:136 Resp: 696426

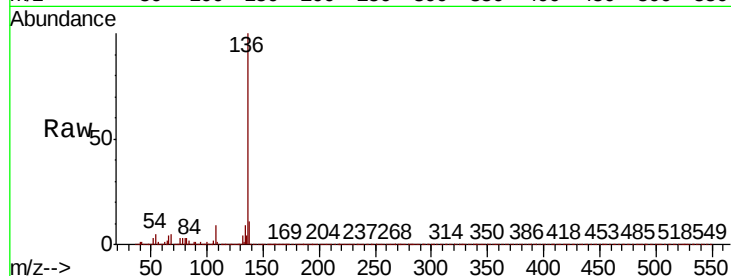
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 4.9 3.8 5.8

68 4.7 4.2 6.2

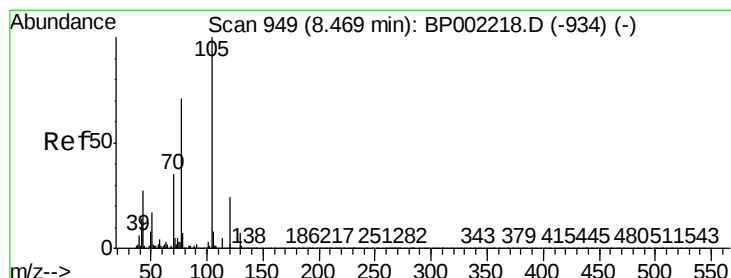
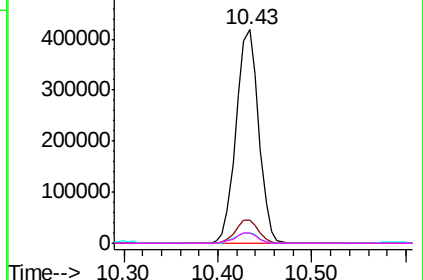
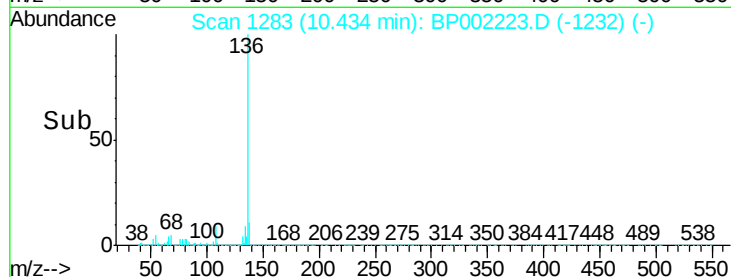


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 41.152 ng

RT: 8.47 min Scan# 949

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:105 Resp: 655779

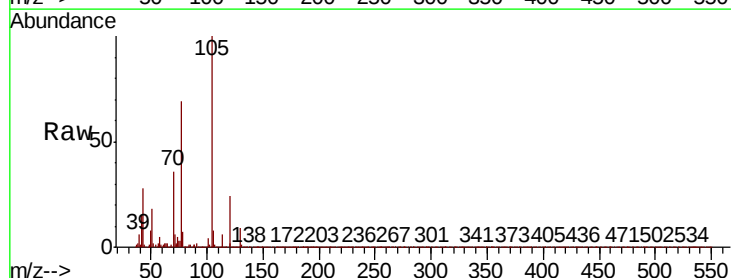
Ion Ratio Lower Upper

105 100

71 5.5 4.1 6.1

51 17.6 13.6 20.4

120 23.8 19.0 28.4

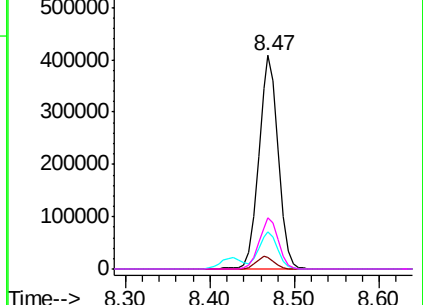
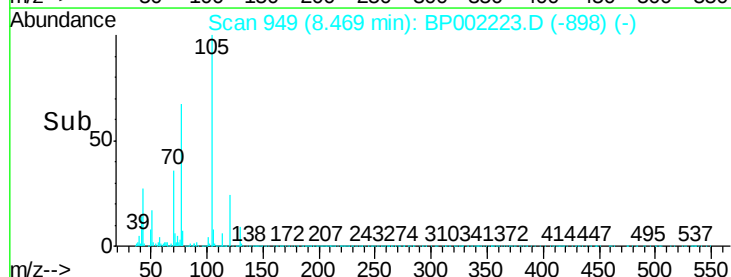


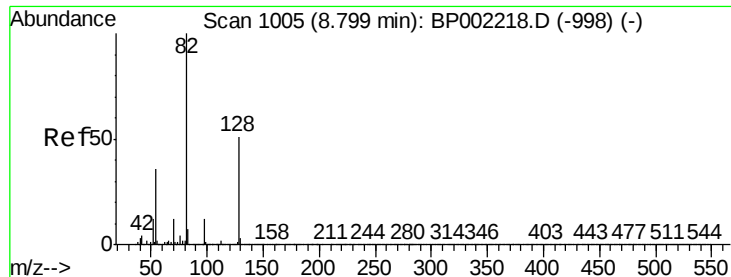
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

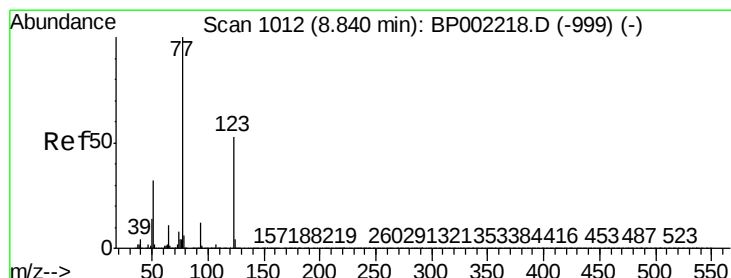
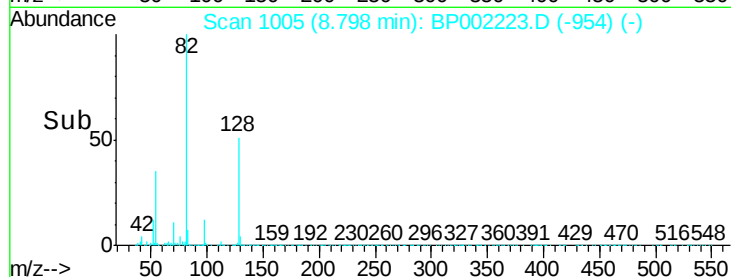
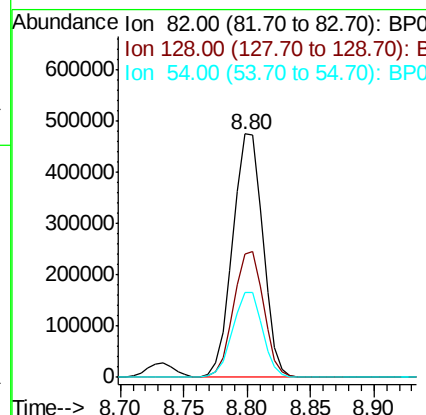
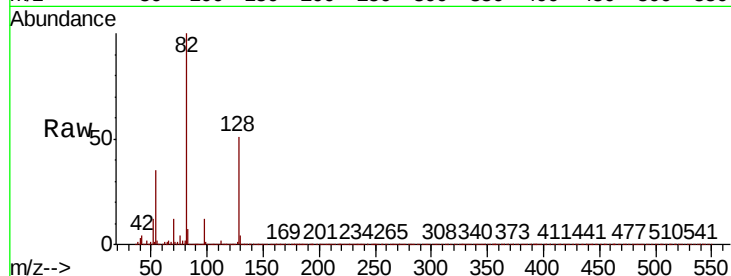




#23
Nitrobenzene-d5
Concen: 75.039 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

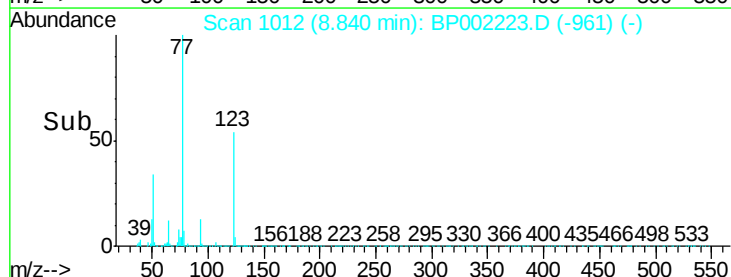
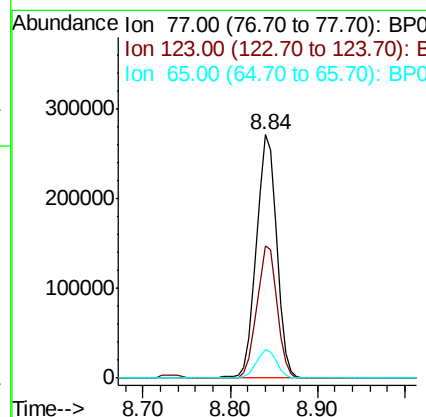
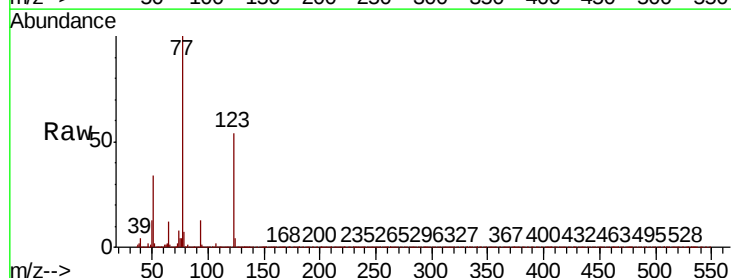
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

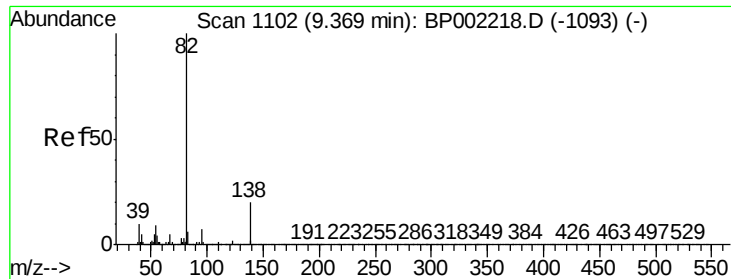
Tot Ion	82	Resp	783675
Ion Ratio	Lower	Upper	
82	100		
128	50.8	40.3	60.5
54	35.0	28.6	42.8



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

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





#25

Isophorone

Concen: 37.553 ng

RT: 9.37 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

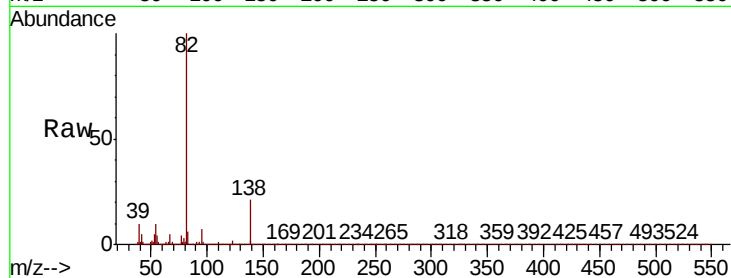
Tot Ion: 82 Resp: 839840

Ion Ratio Lower Upper

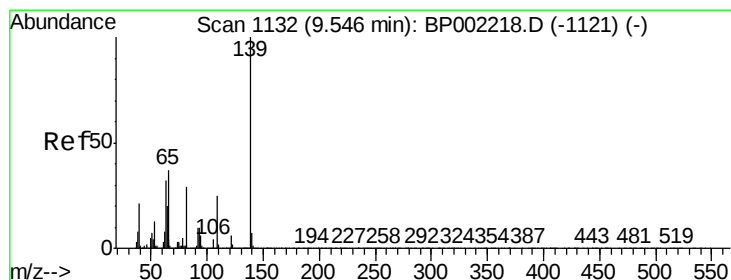
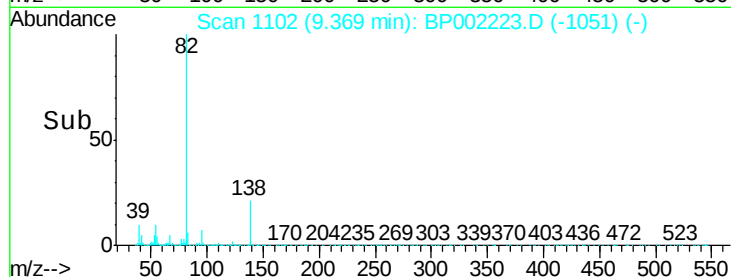
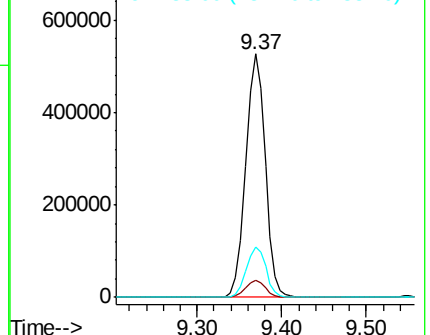
82 100

95 6.9 5.4 8.2

138 20.9 16.0 24.0



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: 43.392 ng

RT: 9.55 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

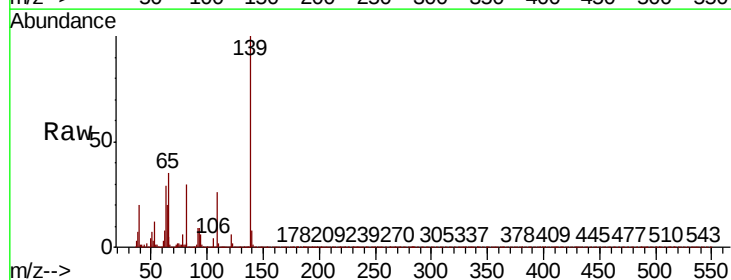
Tgt Ion: 139 Resp: 209310

Ion Ratio Lower Upper

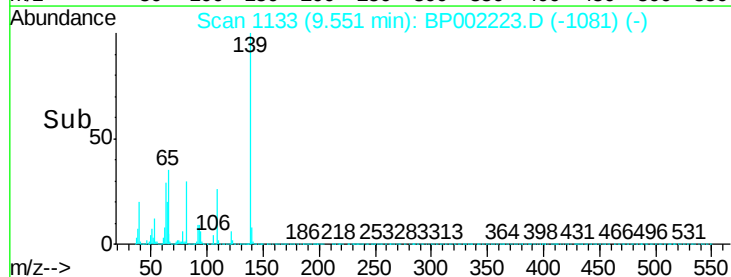
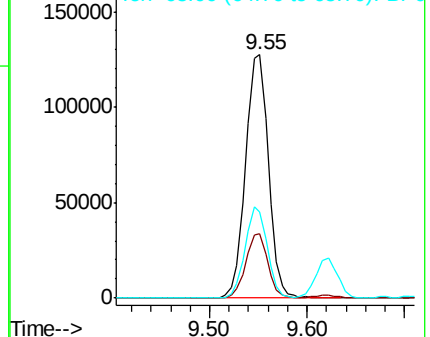
139 100

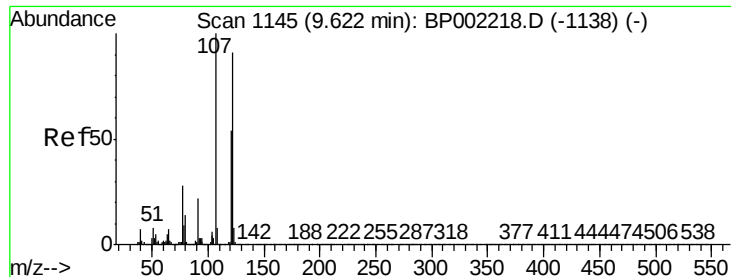
109 26.5 20.0 30.0

65 35.2 30.0 45.0



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: 42.150 ng

RT: 9.62 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

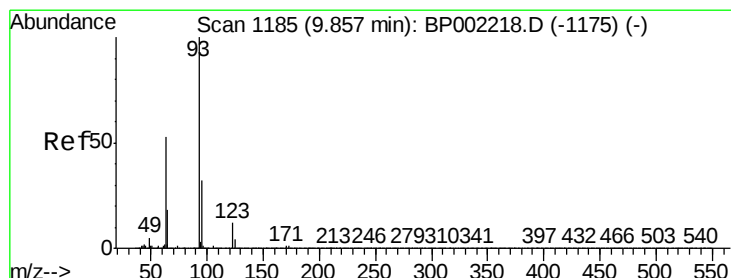
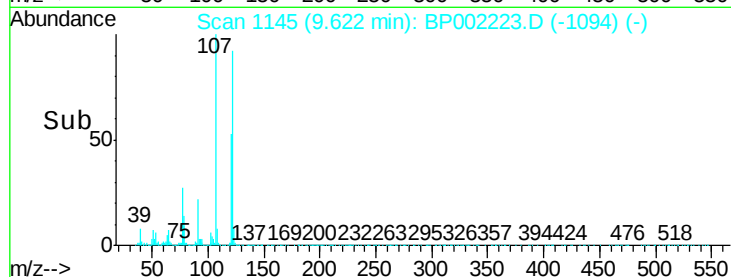
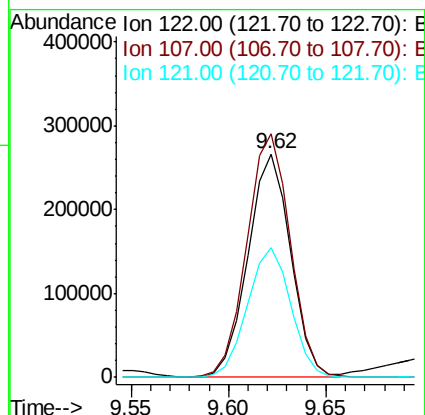
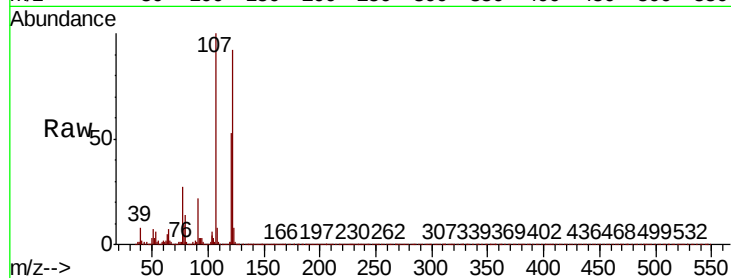
Tot Ion:122 Resp: 404870

Ion Ratio Lower Upper

122 100

107 108.9 87.8 131.8

121 57.7 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.656 ng

RT: 9.86 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

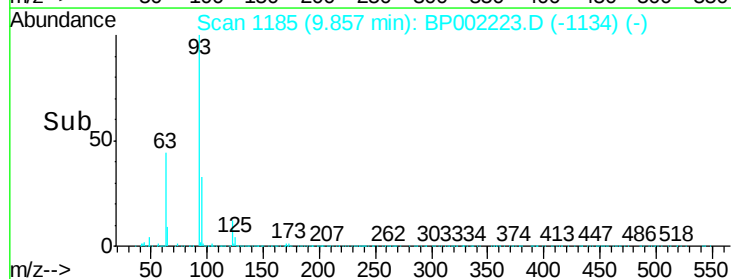
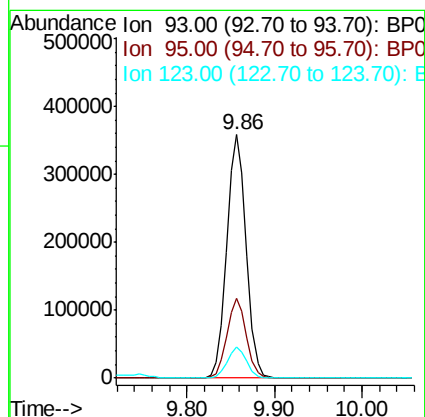
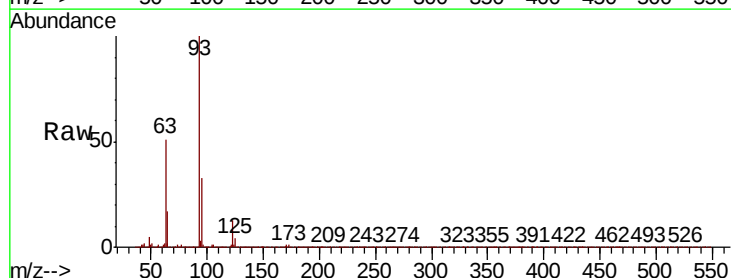
Tgt Ion: 93 Resp: 544615

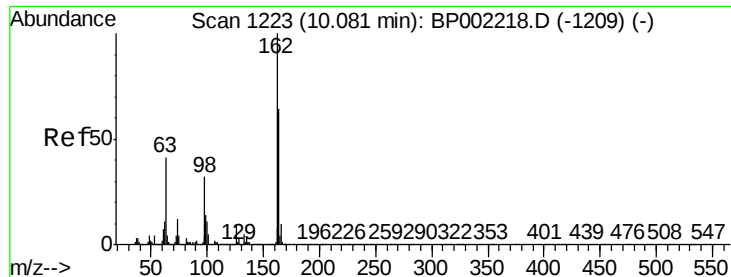
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 12.5 9.8 14.8

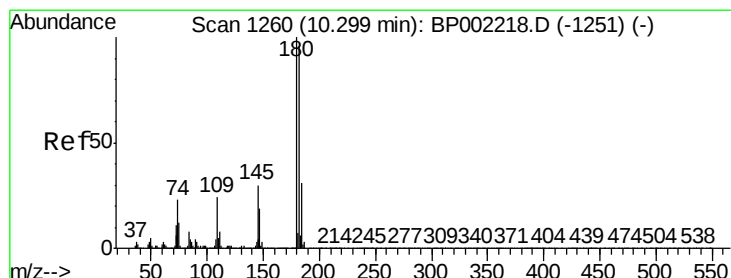
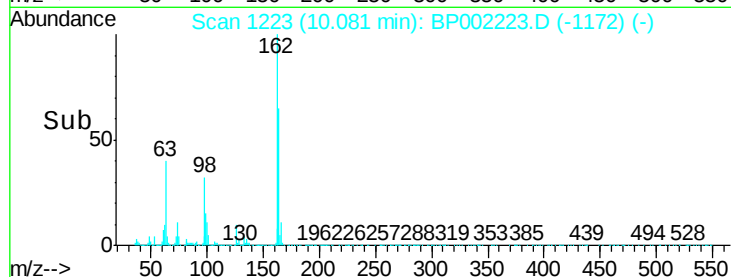
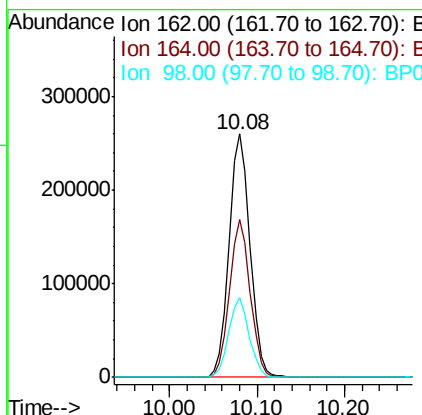
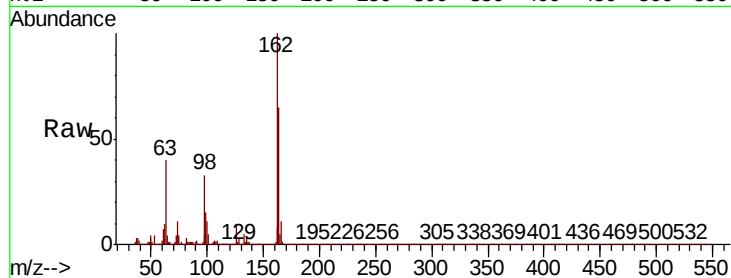




#29
2,4-Dichlorophenol
Concen: 40.234 ng
RT: 10.08 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

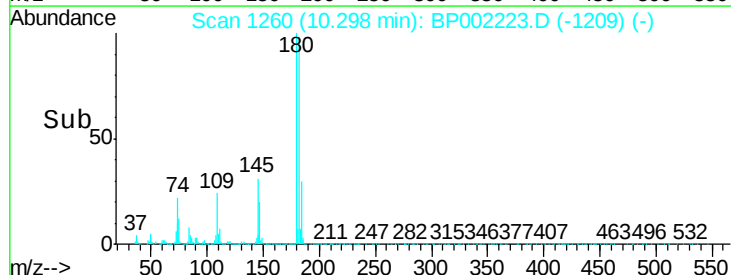
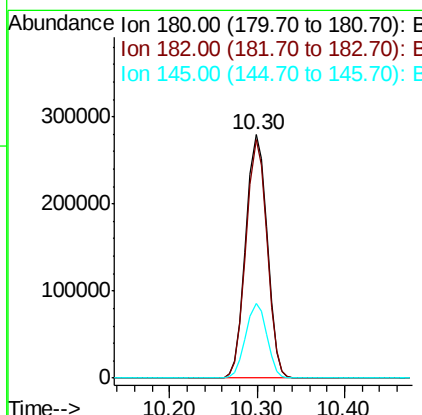
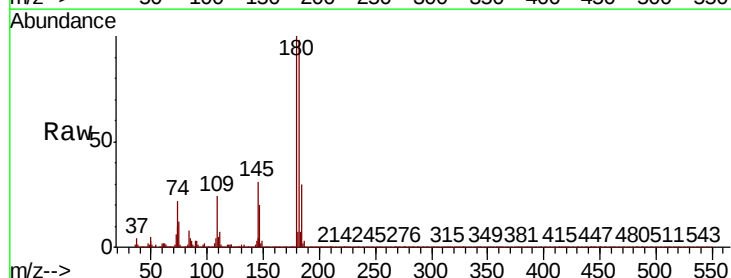
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

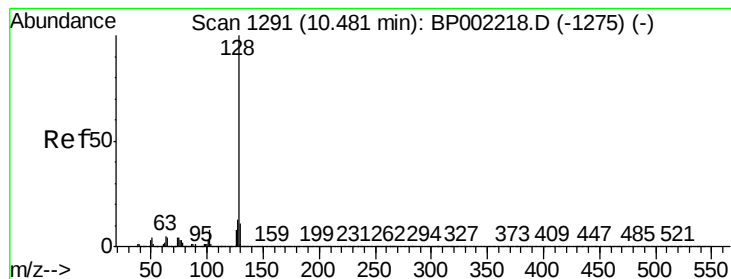
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	32.5	12.3	52.3



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

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



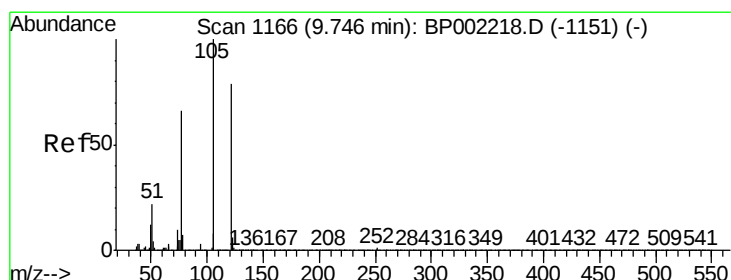
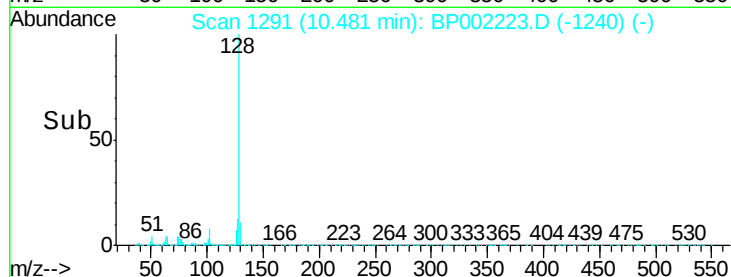
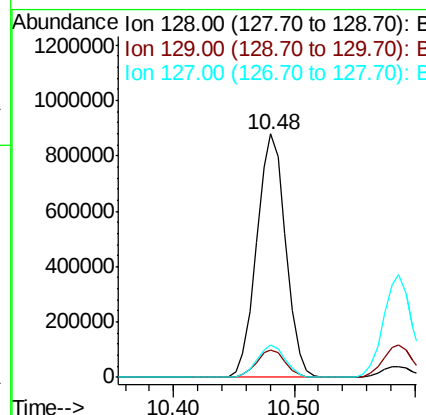
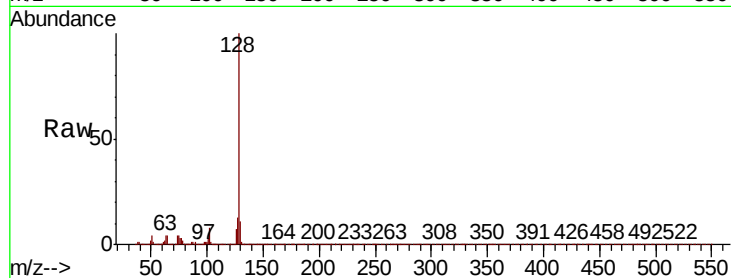


#31
Naphthalene
Concen: 38.334 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :
ICVBP031820

Tot Ion:128 Resp: 1462821

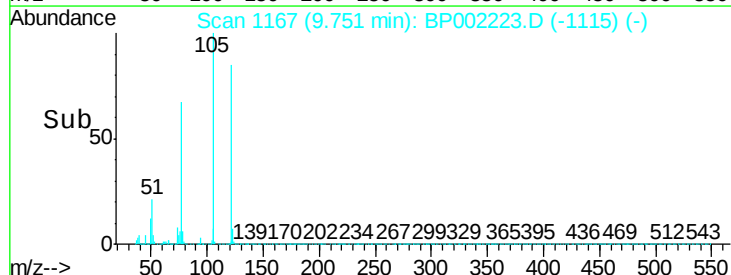
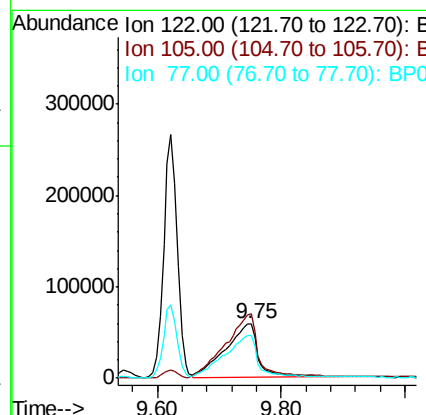
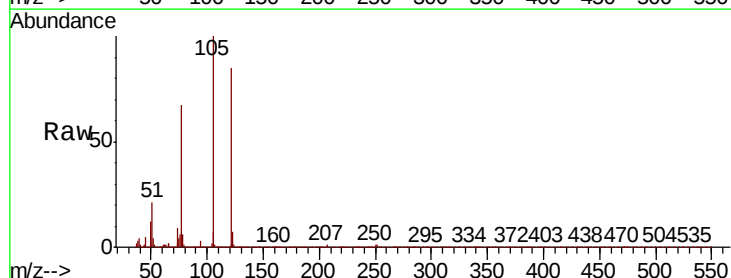
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.6	15.8

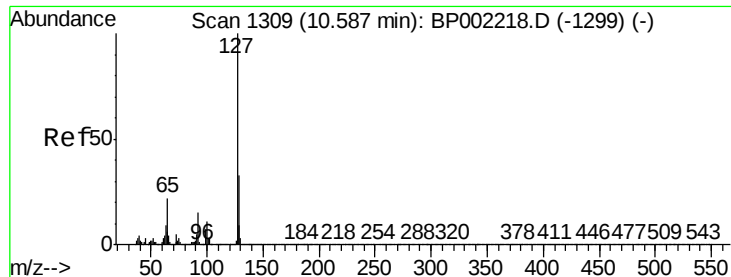


#32
Benzoic acid
Concen: 42.713 ng
RT: 9.75 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:122 Resp: 218240

Ion	Ratio	Lower	Upper
122	100		
105	117.8	98.8	138.8
77	78.9	61.4	101.4

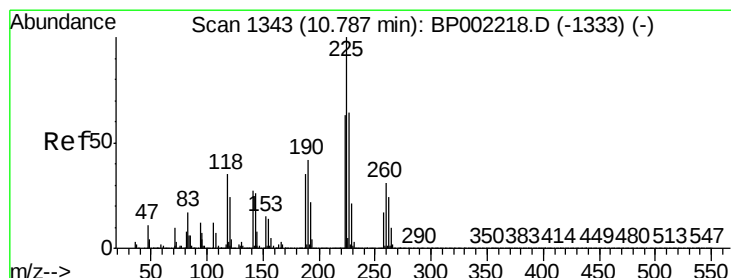
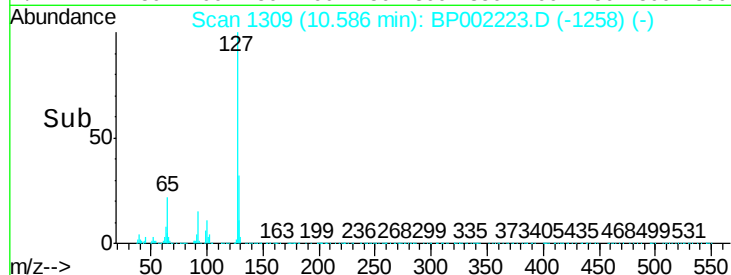
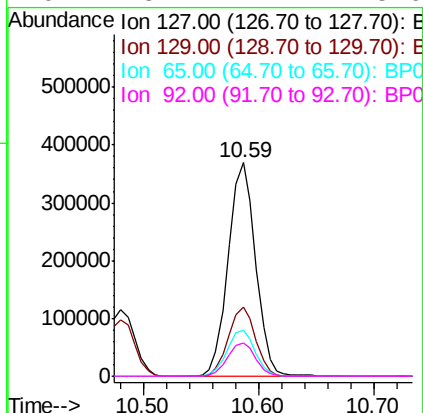
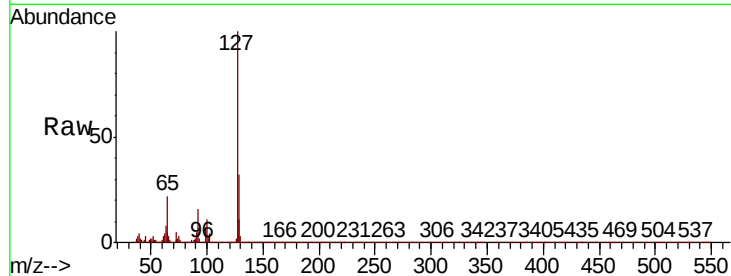




#33
4-Chloroaniline
Concen: 39.196 ng
RT: 10.59 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

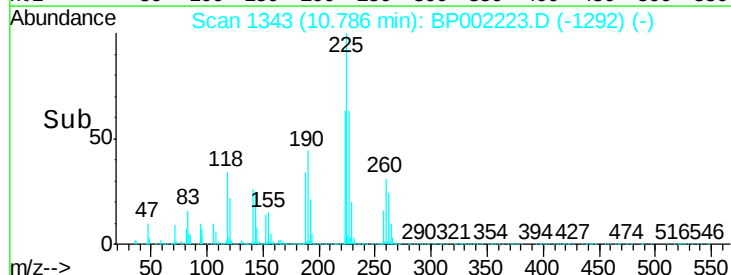
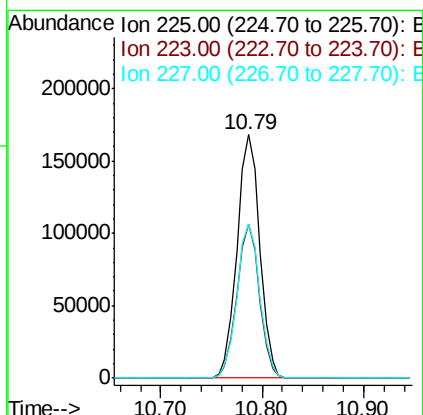
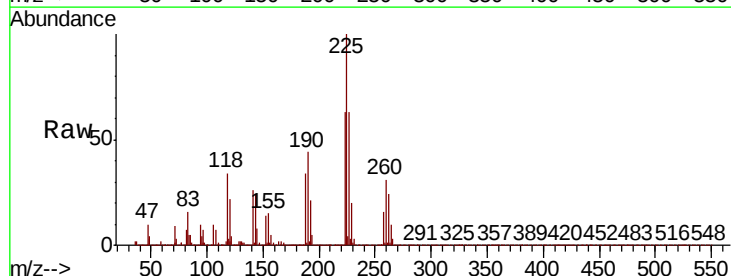
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

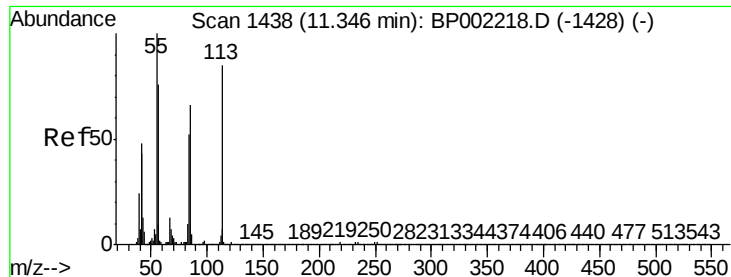
Tot Ion:	127	Resp:	606152
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	21.7	17.8	26.8
92	15.7	12.4	18.6



#34
Hexachlorobutadiene
Concen: 37.399 ng
RT: 10.79 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

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

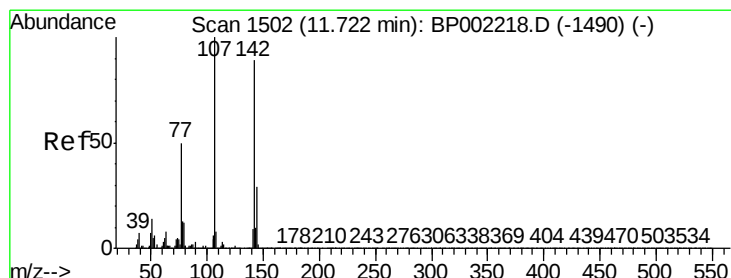
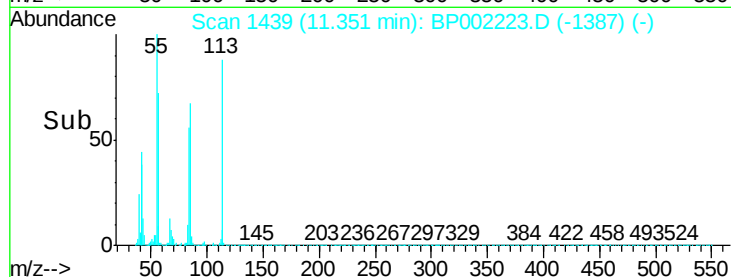
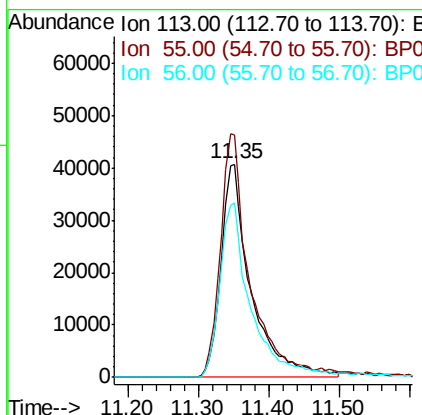
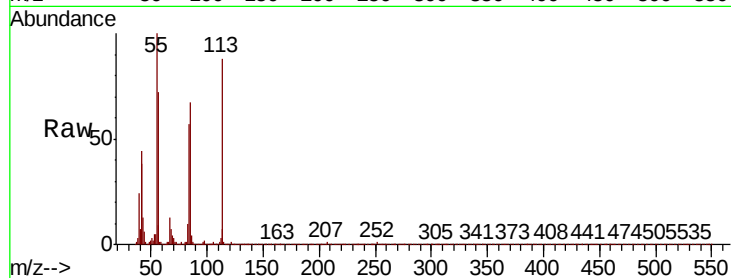




#35
Caprolactam
Concen: 46.985 ng
RT: 11.35 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

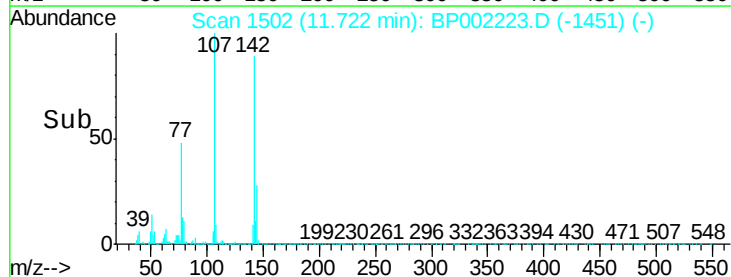
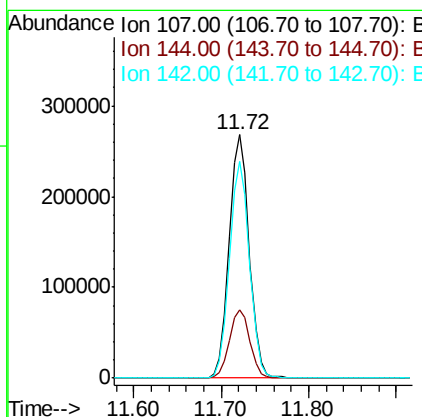
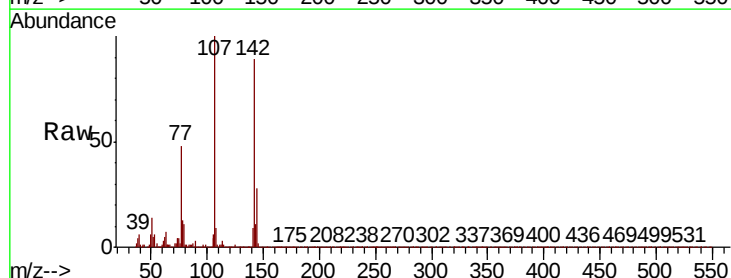
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

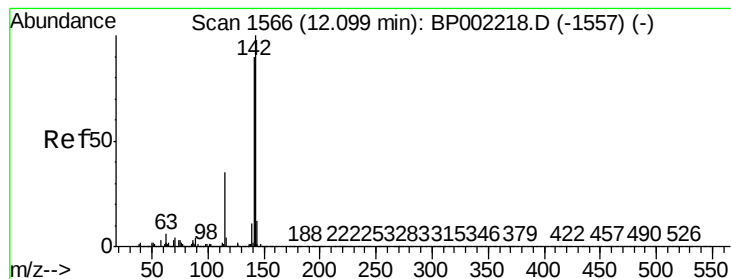
Tot Ion:113 Resp: 119445
Ion Ratio Lower Upper
113 100
55 113.9 97.5 137.5
56 81.7 68.7 108.7



#36
4-Chloro-3-methylphenol
Concen: 39.865 ng
RT: 11.72 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:107 Resp: 422105
Ion Ratio Lower Upper
107 100
144 28.2 23.0 34.6
142 88.8 70.9 106.3





#37

2-Methylnaphthalene

Concen: 38.638 ng

RT: 12.10 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

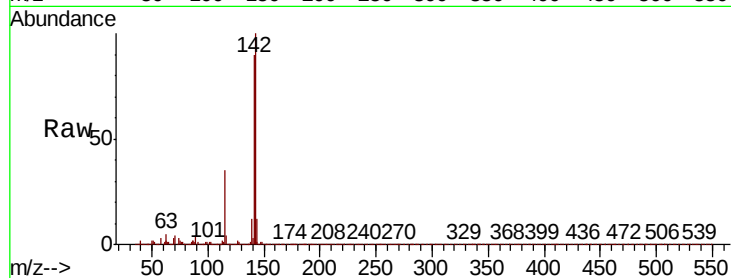
Tot Ion:142 Resp: 1017798

Ion Ratio Lower Upper

142 100

141 90.5 72.4 108.6

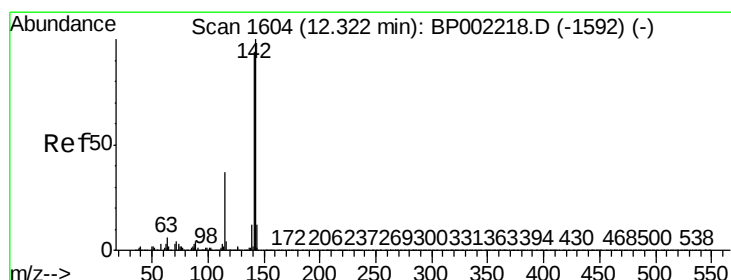
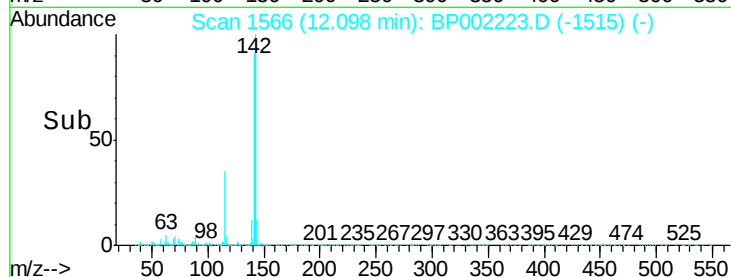
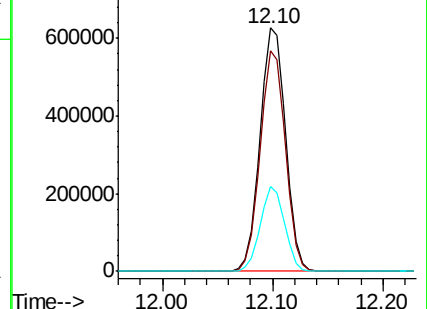
115 34.8 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.625 ng

RT: 12.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

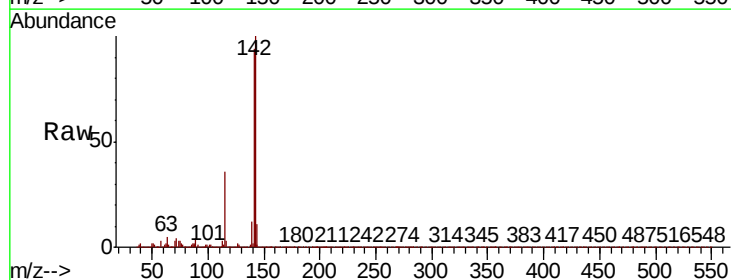
Tgt Ion:142 Resp: 968676

Ion Ratio Lower Upper

142 100

141 93.7 74.9 112.3

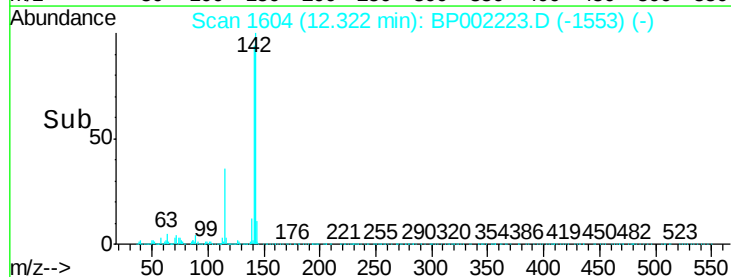
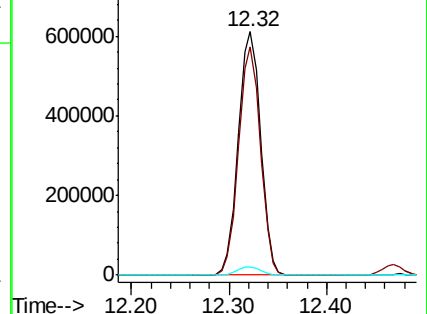
116 3.5 3.0 4.6

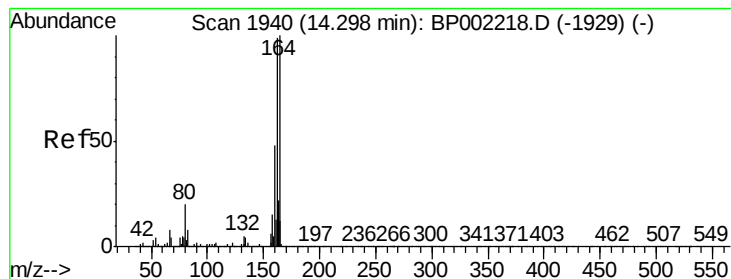


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

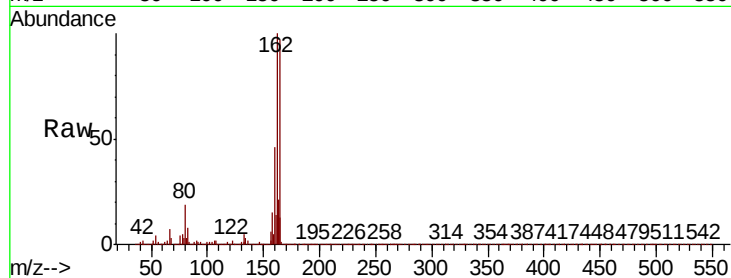
Tot Ion:164 Resp: 403510

Ion Ratio Lower Upper

164 100

162 103.6 79.0 118.6

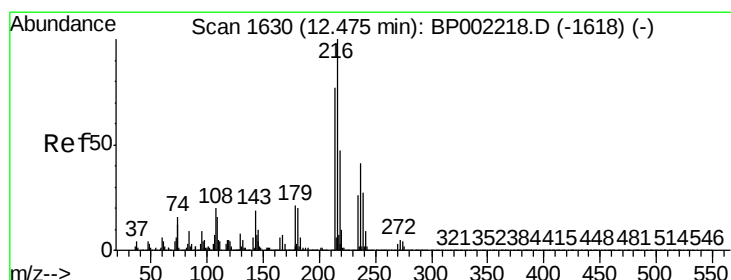
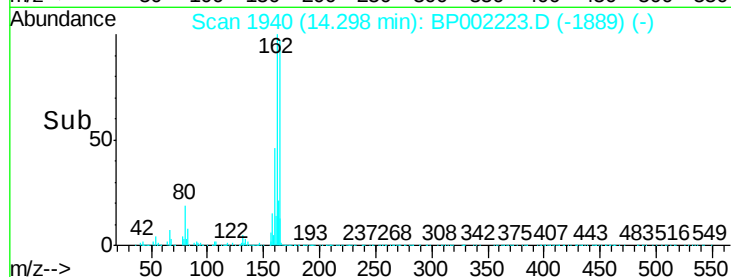
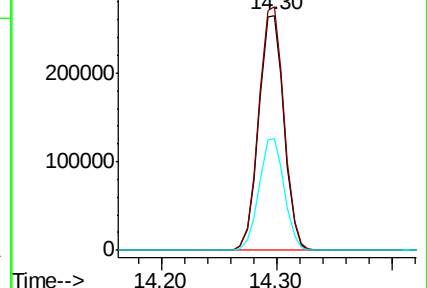
160 47.6 38.4 57.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.256 ng

RT: 12.47 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:216 Resp: 507712

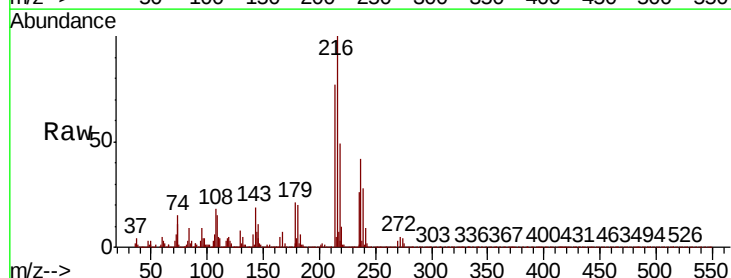
Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.4

179 20.6 16.6 25.0

108 18.7 15.8 23.8

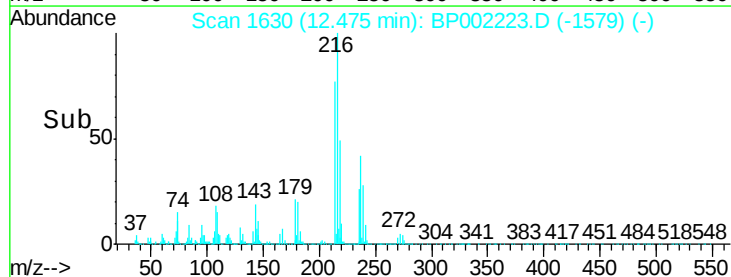
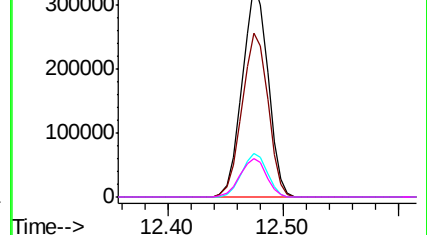


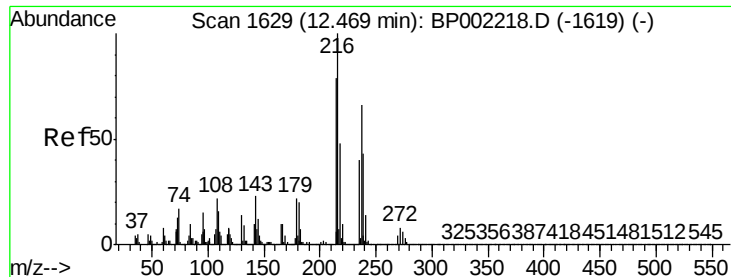
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

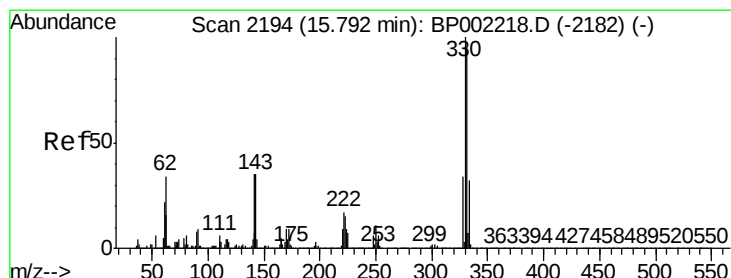
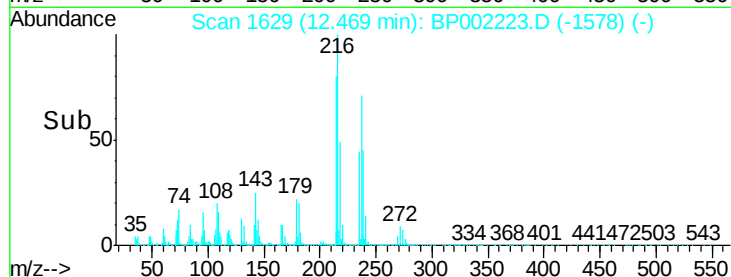
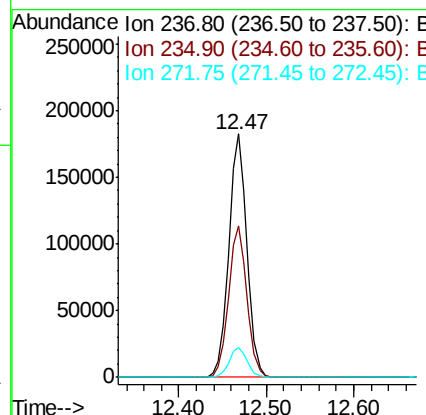
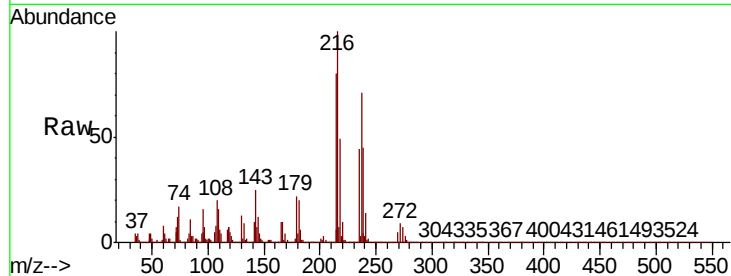




#41
Hexachlorocyclopentadiene
Concen: 43.845 ng
RT: 12.47 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

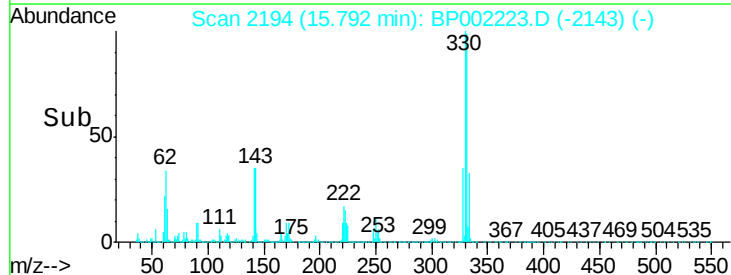
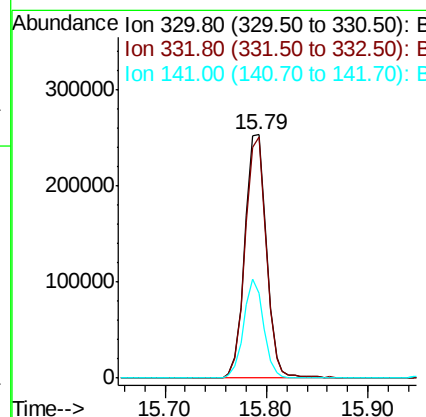
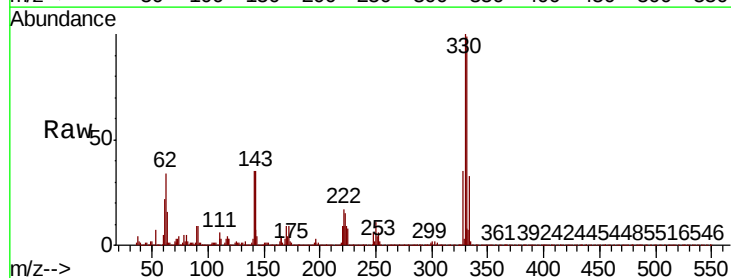
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

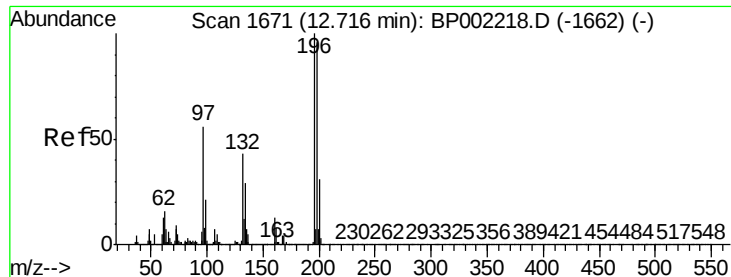
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.1	81.1
272	12.0	0.0	31.7



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

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

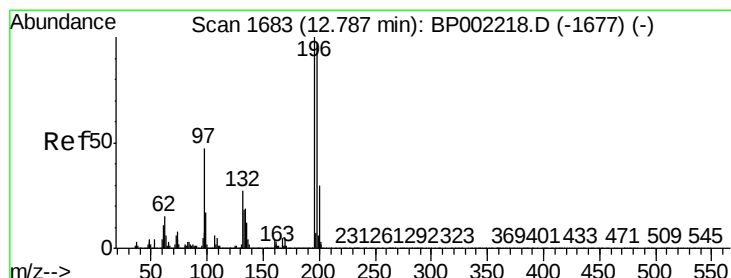
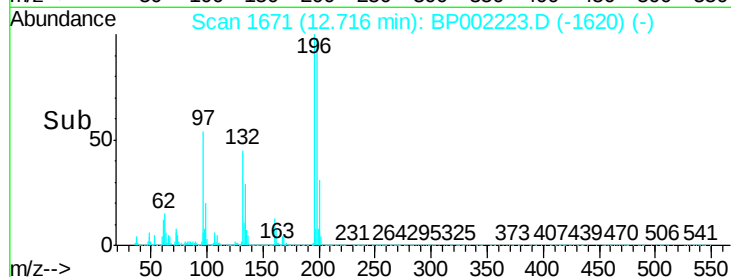
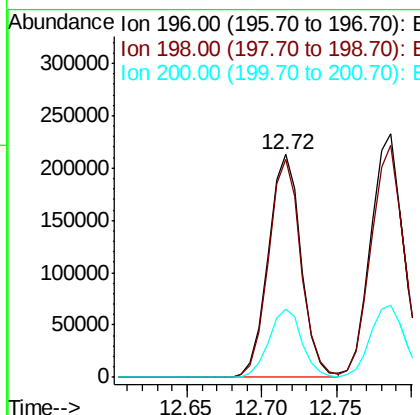
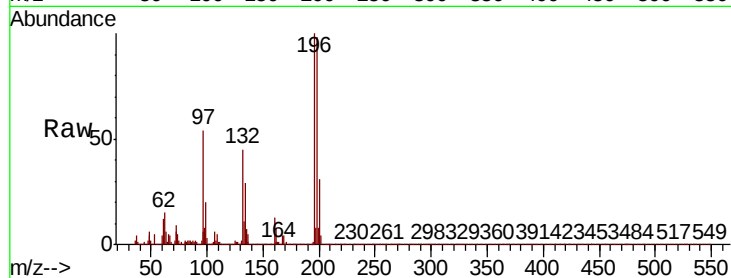




#43
 2,4,6-Trichlorophenol
 Concen: 40.376 ng
 RT: 12.72 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

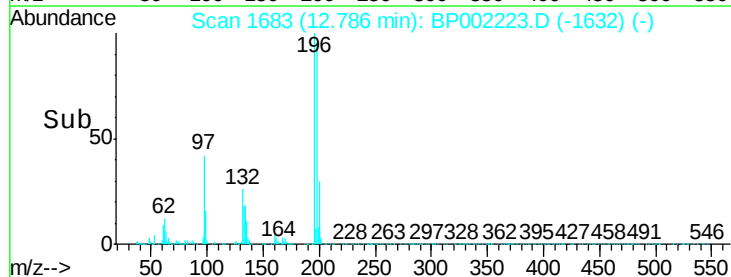
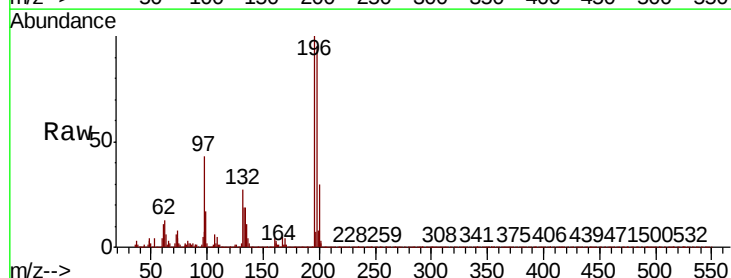
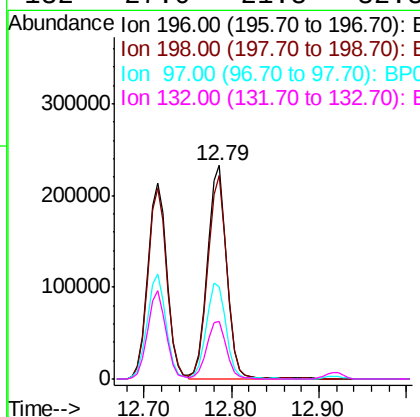
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031820

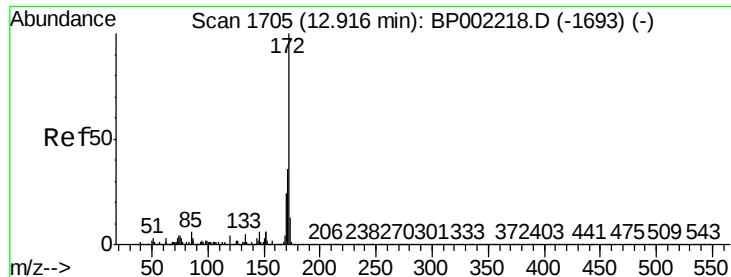
Tot Ion	196	Resp	325247
Ion Ratio	Lower	Upper	
196	100		
198	97.6	76.9	115.3
200	30.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.567 ng
 RT: 12.79 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

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

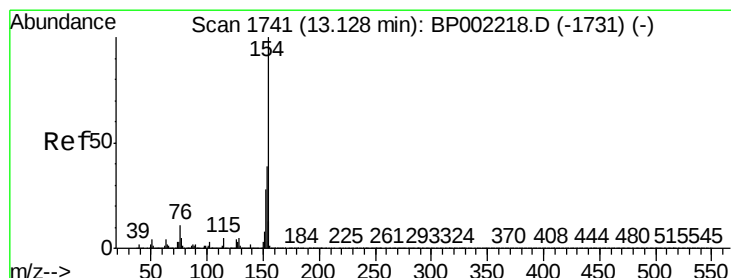
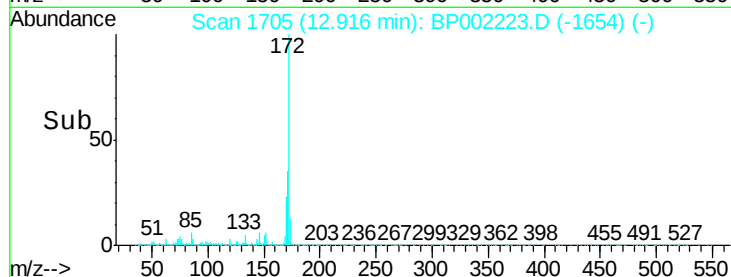
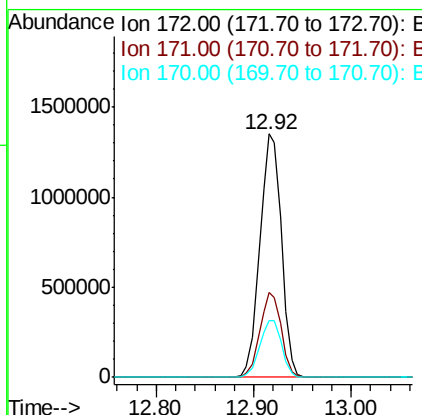
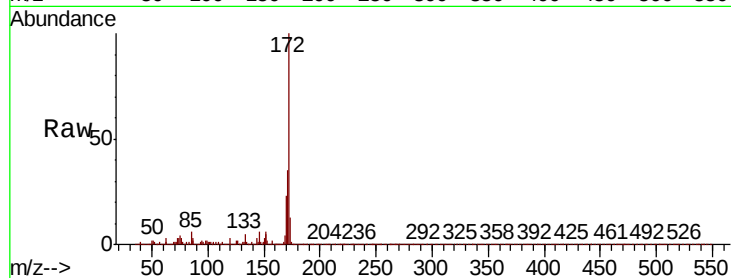




#45
2-Fluorobiphenyl
Concen: 75.299 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

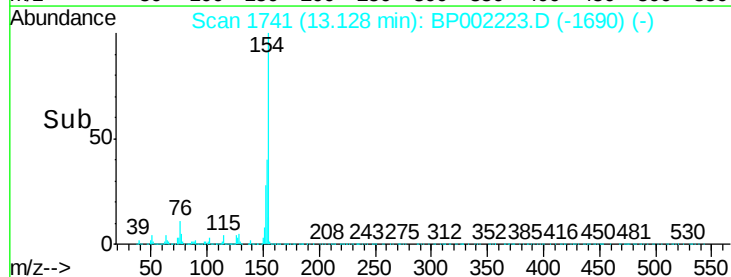
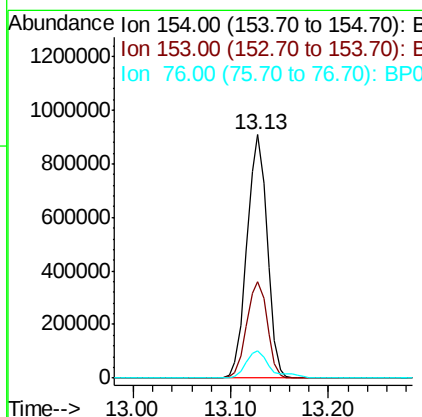
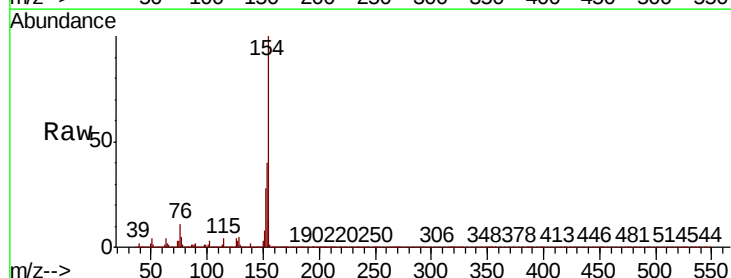
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

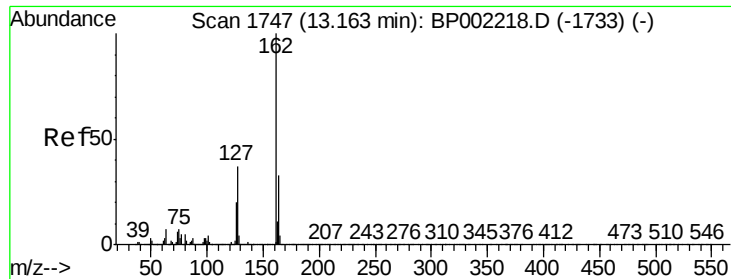
Tot Ion:172 Resp: 2101220
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.4 19.5 29.3



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

Tgt Ion:154 Resp: 1320574
Ion Ratio Lower Upper
154 100
153 39.8 19.3 59.3
76 11.1 0.0 30.9

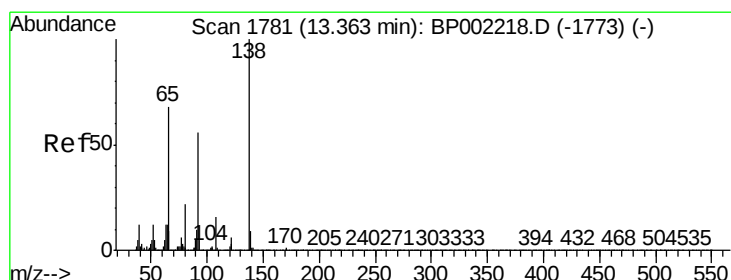
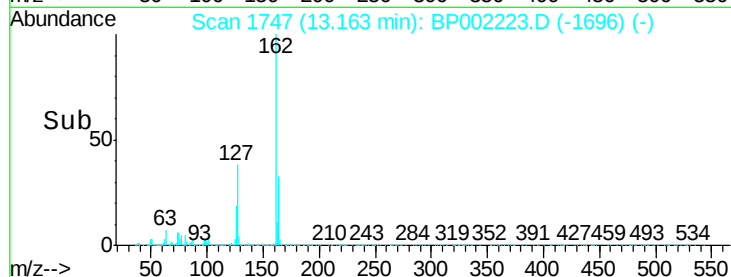
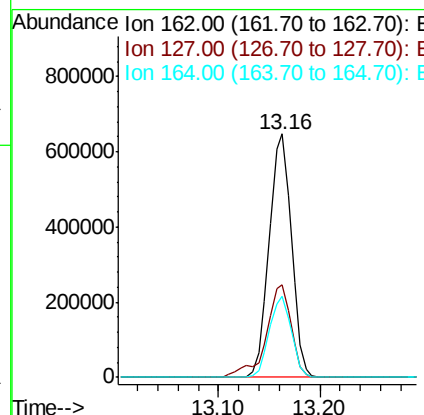
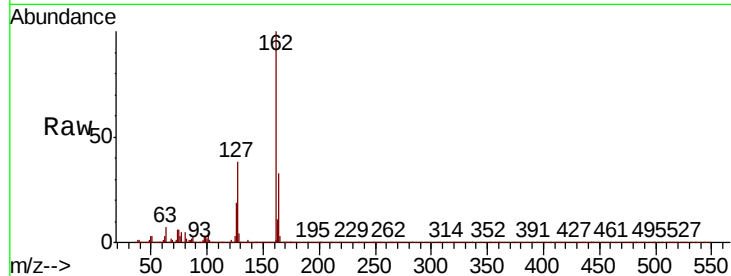




#47
 2-Chloronaphthalene
 Concen: 38.227 ng
 RT: 13.16 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

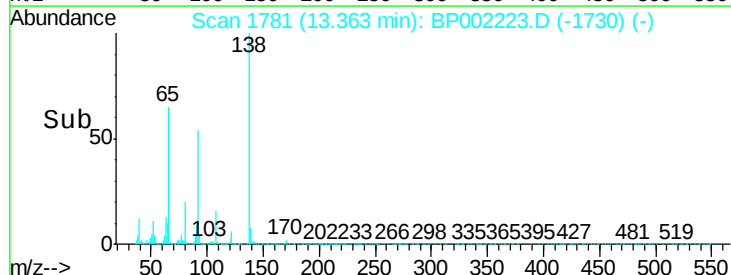
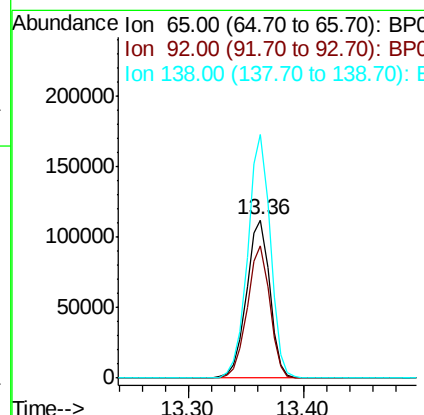
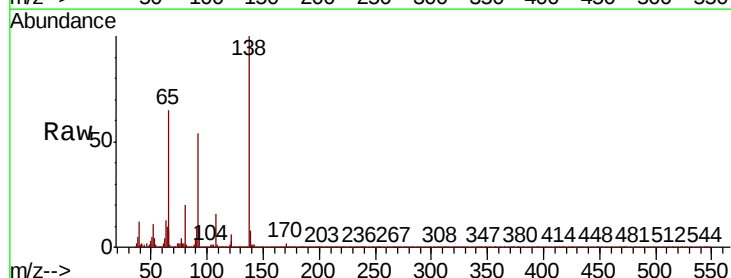
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031820

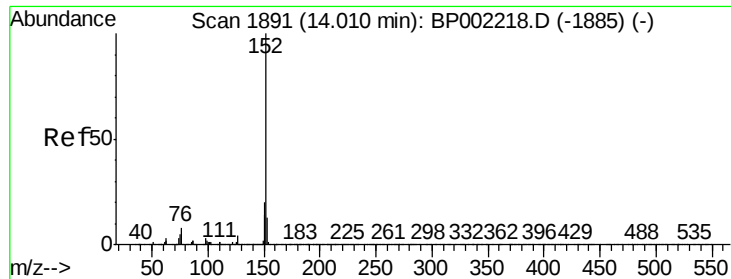
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.4	44.0
164	33.1	26.3	39.5



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

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





#49

Acenaphthylene

Concen: 39.946 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

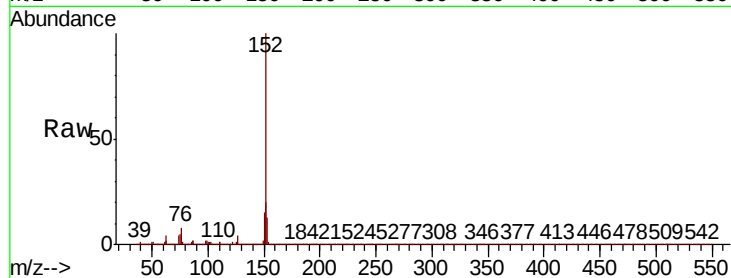
BNA_P

ClientSampleId :

ICVBP031820

Tot Ion:152 Resp: 1669819

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

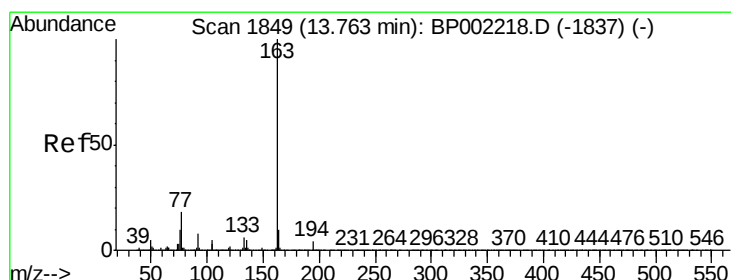
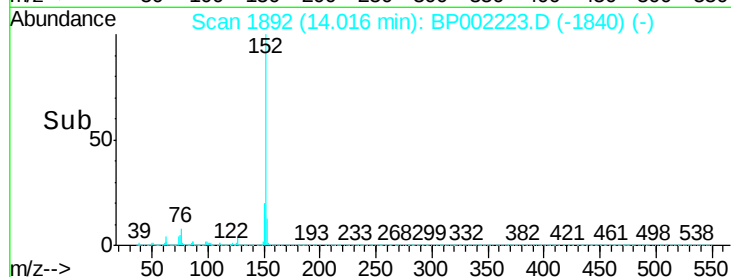
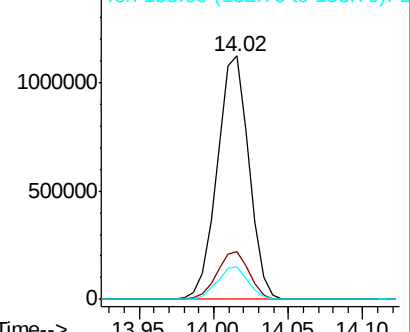


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.261 ng

RT: 13.76 min Scan# 1849

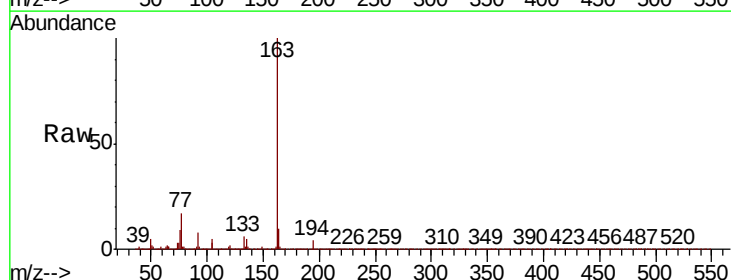
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:163 Resp: 1231169

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

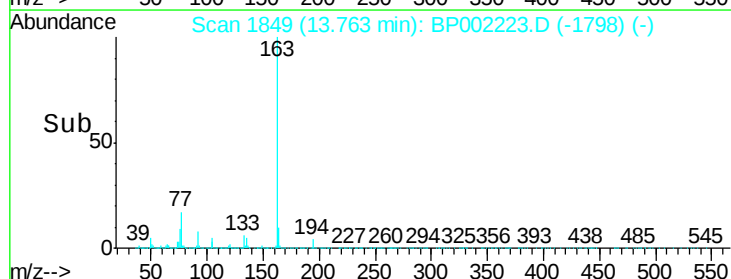
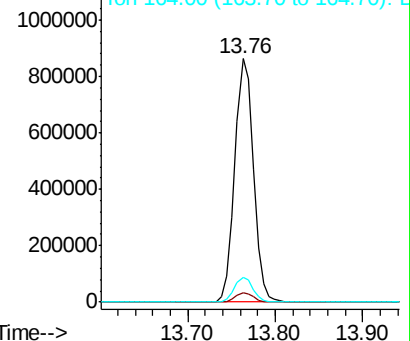


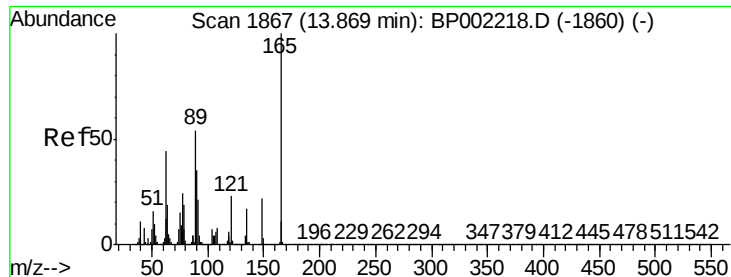
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.364 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

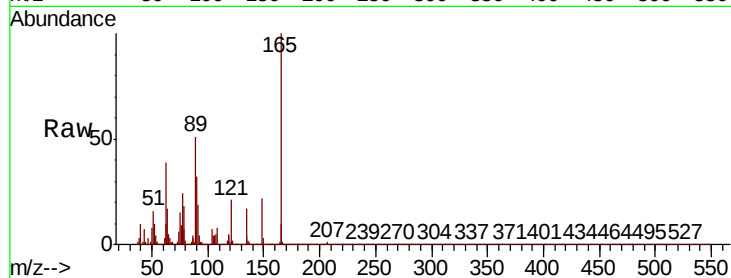
Tot Ion:165 Resp: 246291

Ion Ratio Lower Upper

165 100

63 38.8 35.0 52.4

89 50.7 43.4 65.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

250000

200000

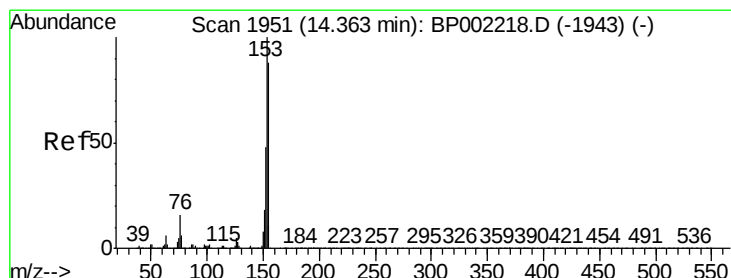
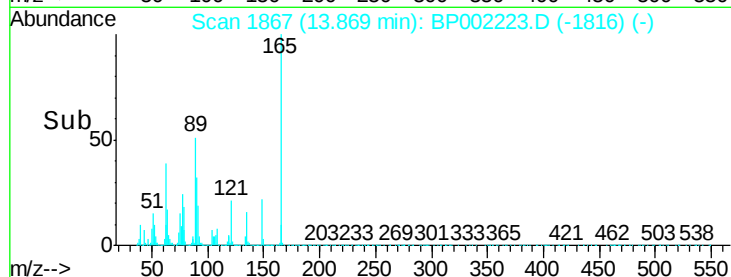
150000

100000

50000

0

Time-->



#52

Acenaphthene

Concen: 38.730 ng

RT: 14.36 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

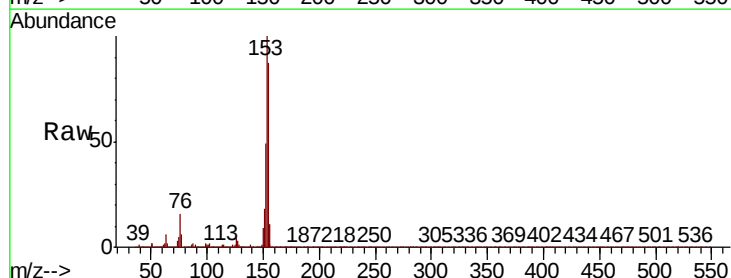
Tgt Ion:154 Resp: 1005523

Ion Ratio Lower Upper

154 100

153 114.3 91.0 136.4

152 56.0 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

1000000

800000

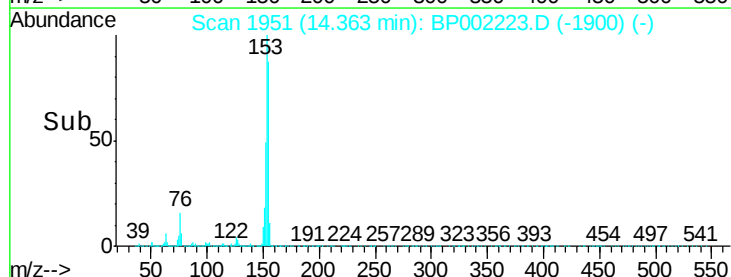
600000

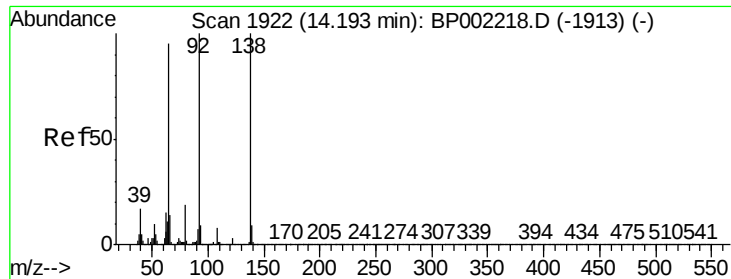
400000

200000

0

Time-->

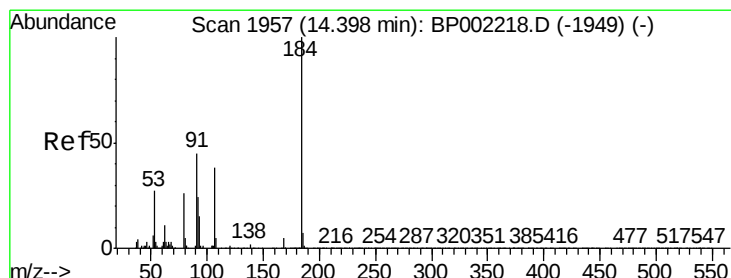
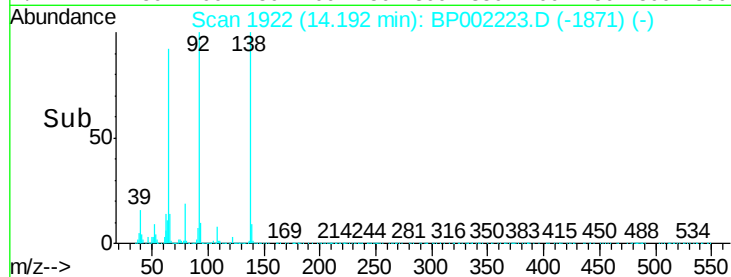
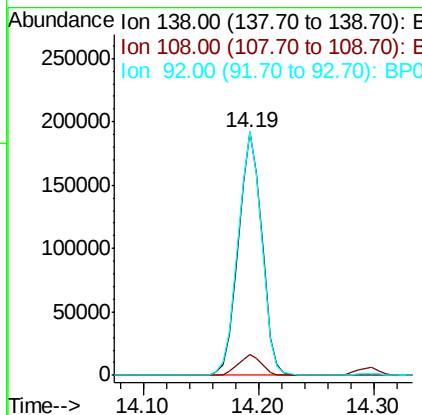
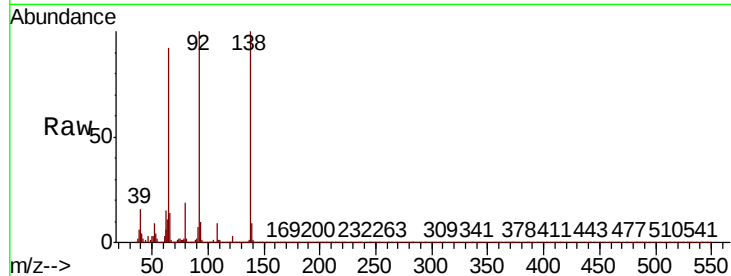




#53
3-Nitroaniline
Concen: 41.180 ng
RT: 14.19 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

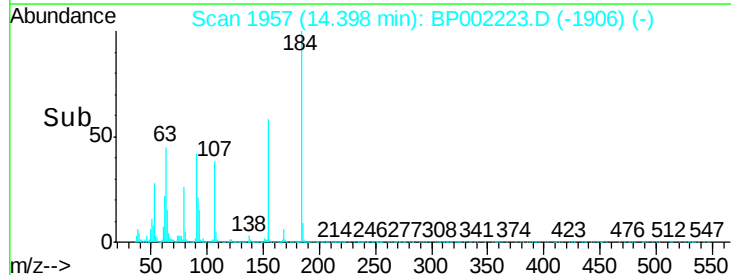
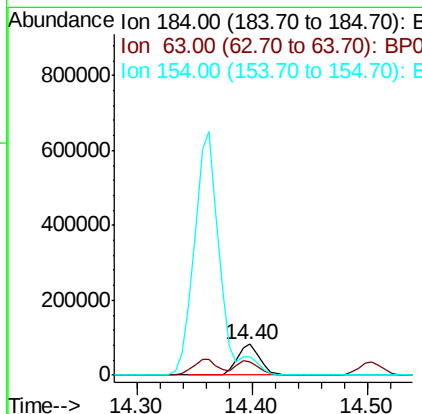
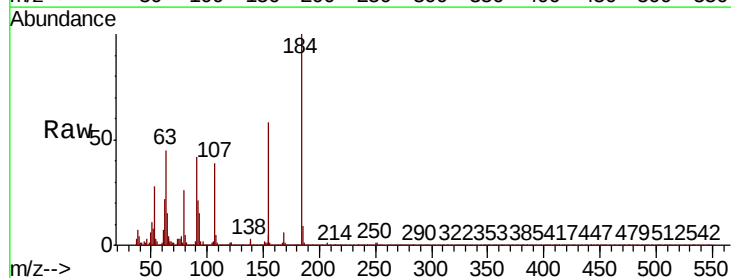
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

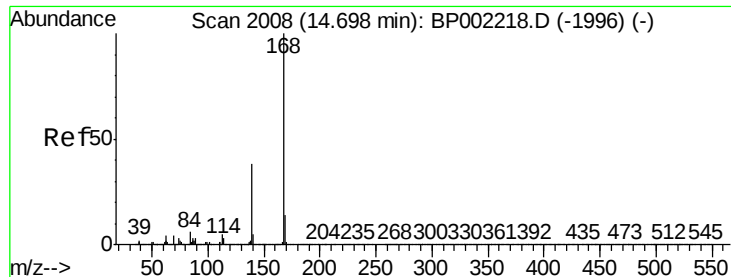
Tot Ion:138 Resp: 270067
Ion Ratio Lower Upper
138 100
108 8.6 6.6 10.0
92 99.9 79.8 119.8



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

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





#55

Dibenzofuran

Concen: 38.875 ng

RT: 14.70 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

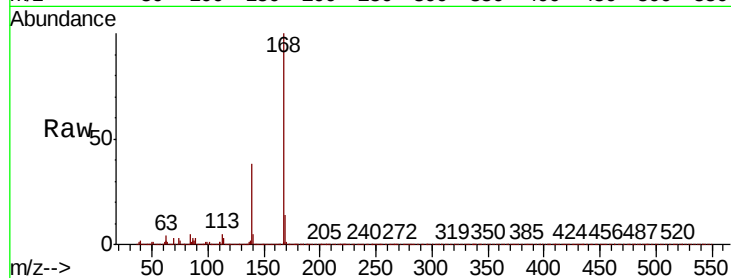
BNA_P

ClientSampleId :

ICVBP031820

Tot Ion:168 Resp: 1510904

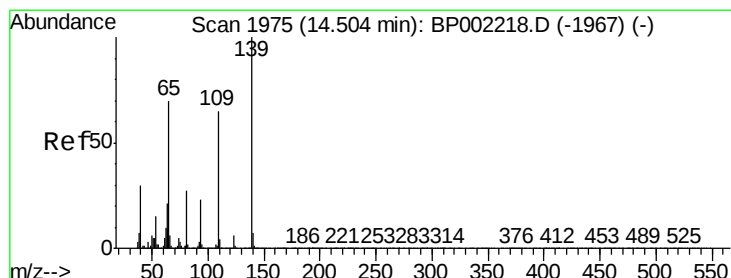
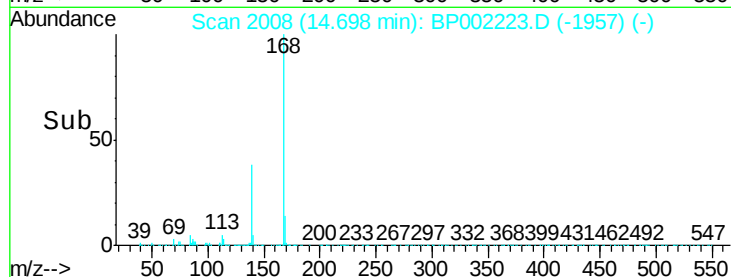
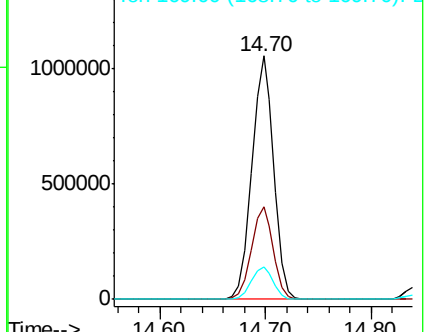
Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.6	45.8
169	13.6	11.0	16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.611 ng

RT: 14.50 min Scan# 1975

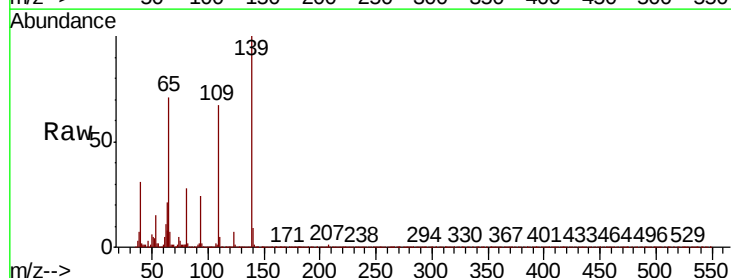
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:139 Resp: 239566

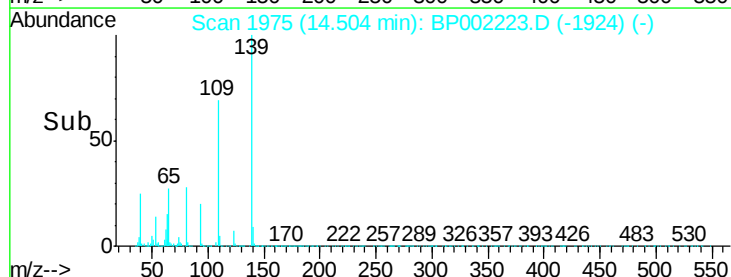
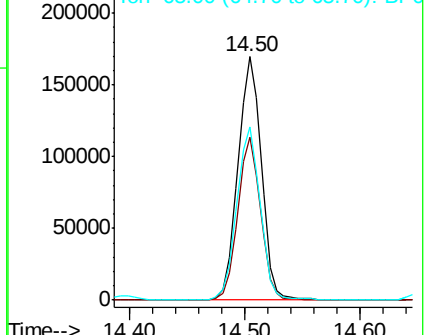
Ion	Ratio	Lower	Upper
139	100		
109	66.7	44.6	84.6
65	70.9	50.2	90.2

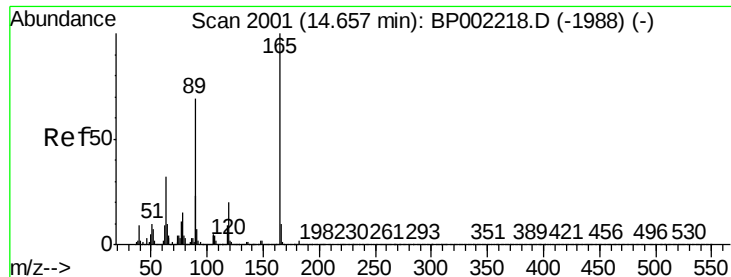


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

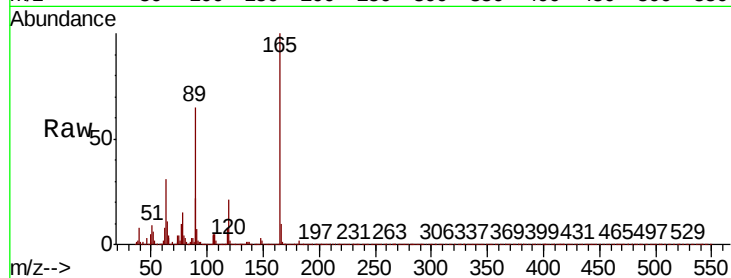




#57
2,4-Dinitrotoluene
Concen: 41.457 ng
RT: 14.66 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Instrument :
BNA_P
ClientSampleId :
ICVBP031820

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

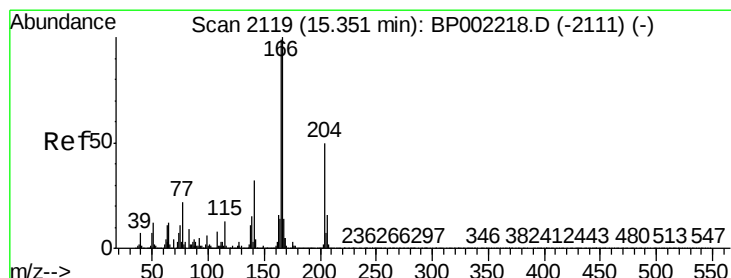
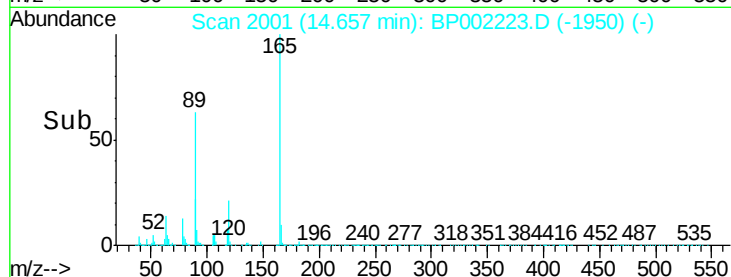
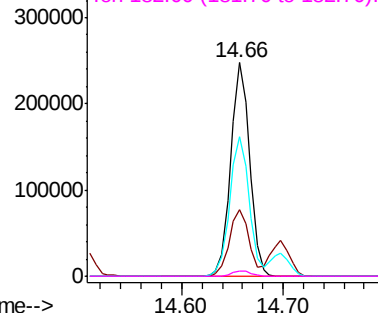


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

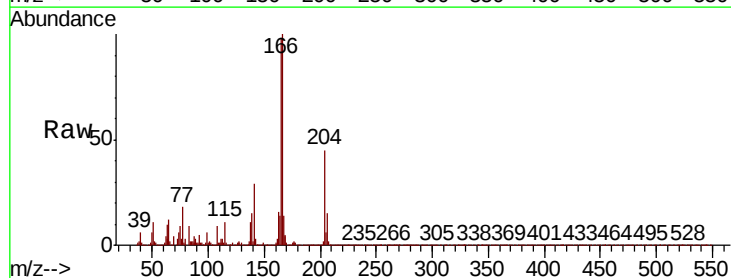
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



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

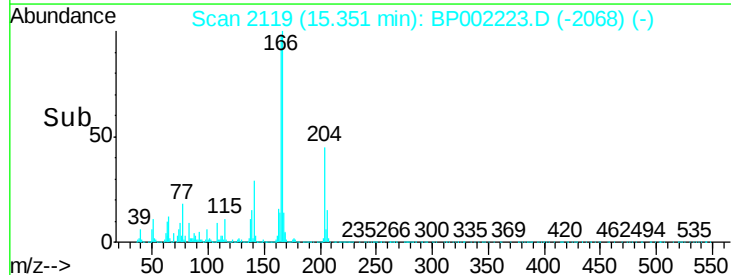
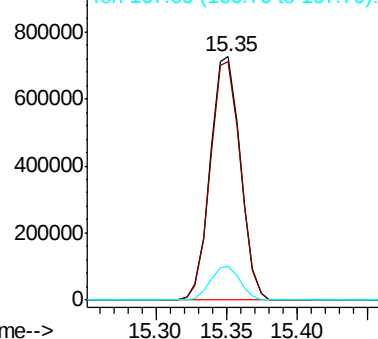
Tgt Ion:166	Resp:	1079122
Ion	Ratio	Lower Upper
166	100	
165	98.2	78.9 118.3
167	13.7	11.0 16.4

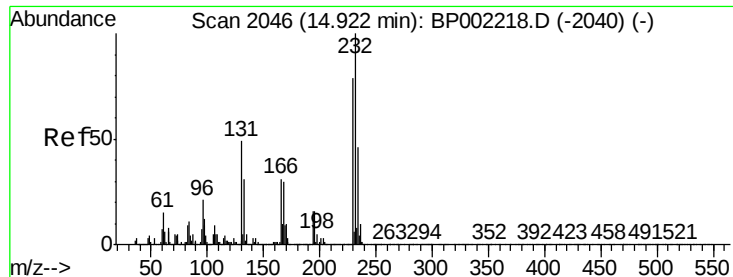


Abundance Ion 166.00 (165.70 to 166.70): E

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: 40.765 ng

RT: 14.93 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

Tot Ion:232 Resp: 315867

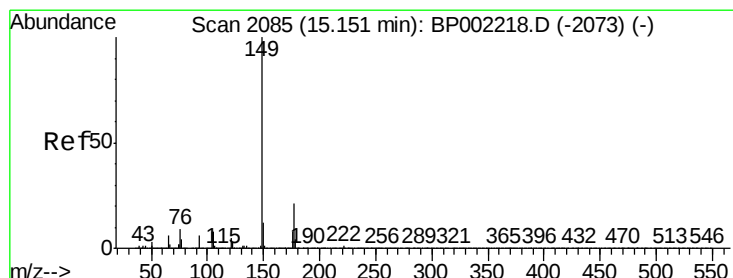
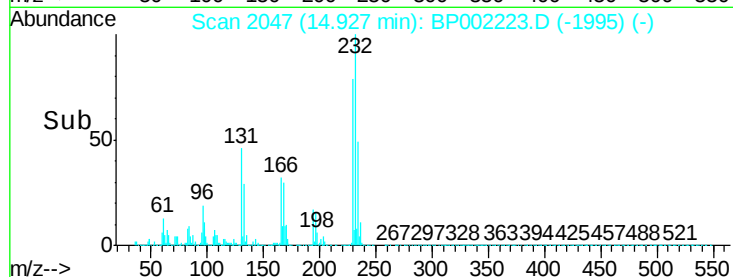
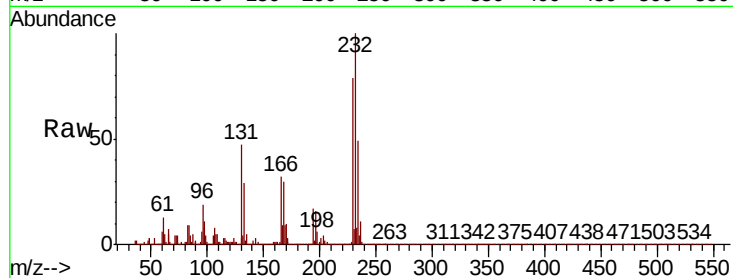
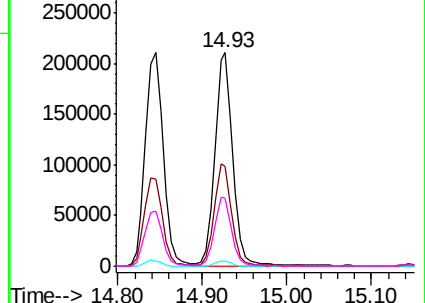
Ion	Ratio	Lower	Upper
232	100		
131	46.6	38.0	57.0
130	2.6	1.9	2.9
166	30.5	24.3	36.5

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: 44.785 ng

RT: 15.15 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

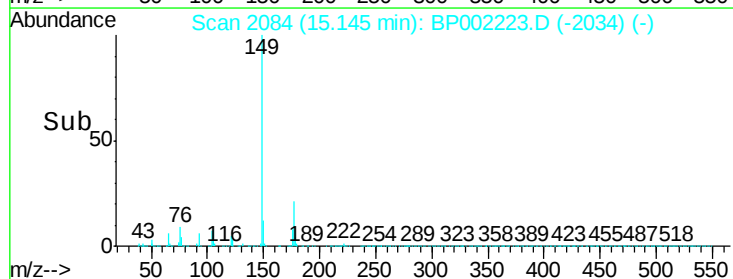
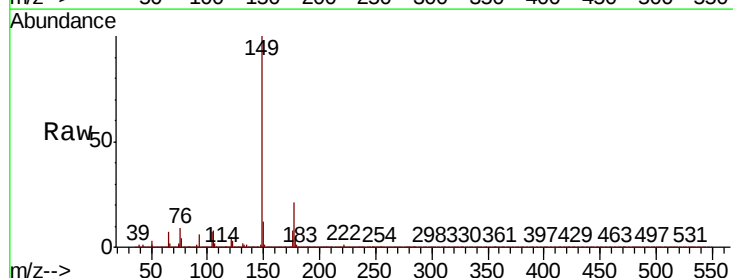
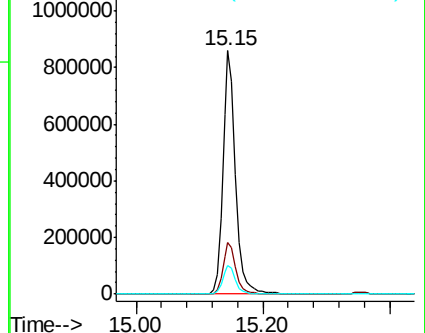
Tgt Ion:149 Resp: 1217682

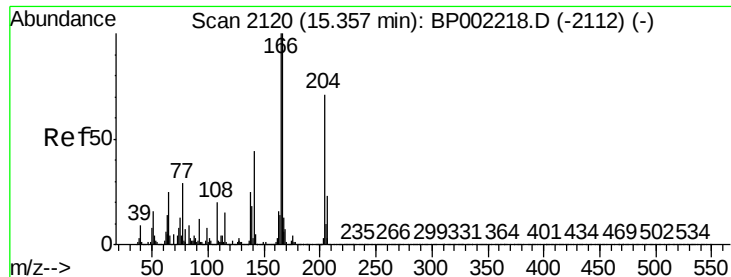
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.2	25.8
150	11.9	9.4	14.0

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

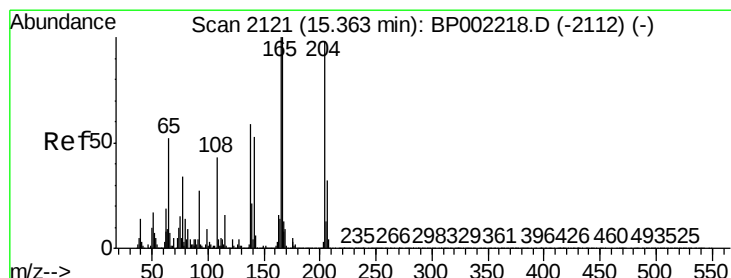
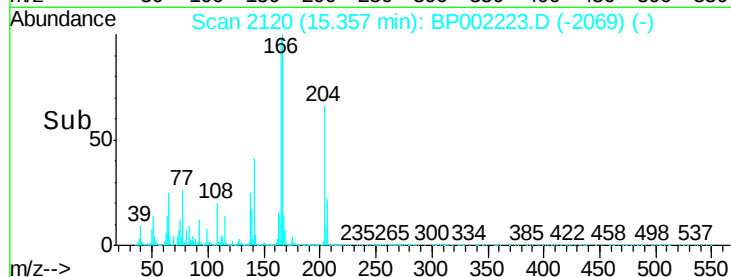
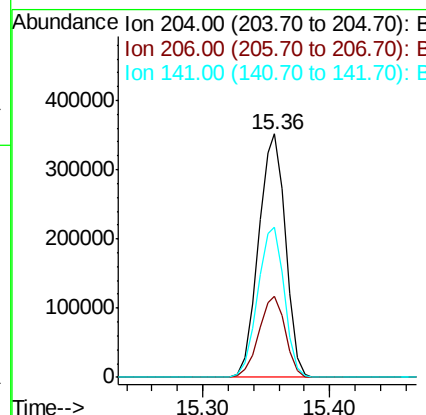
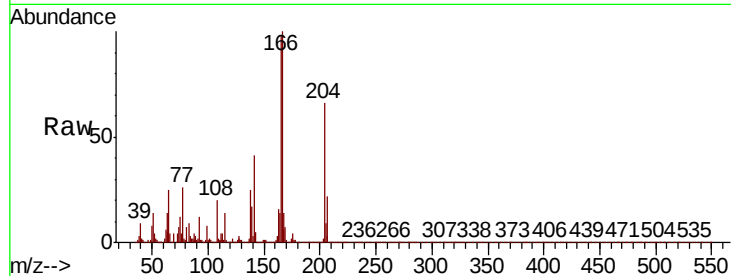




#61
4-Chlorophenyl-phenylether
Concen: 36.746 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

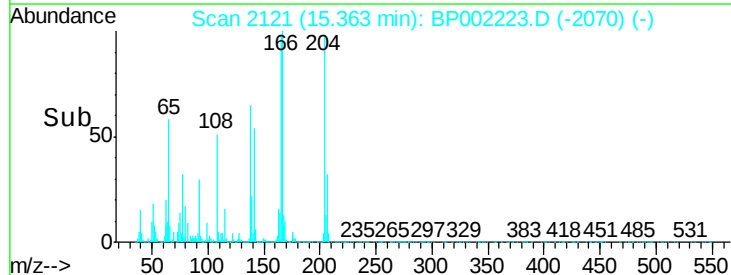
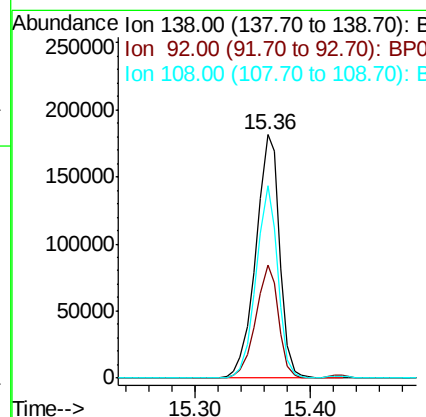
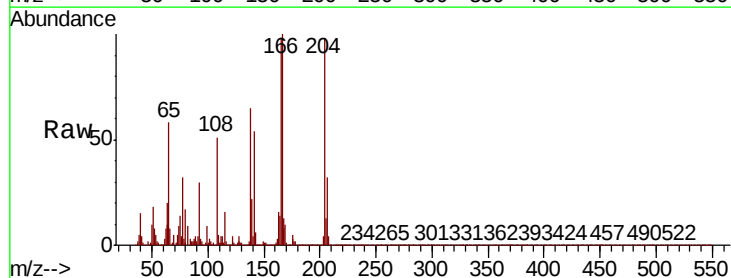
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

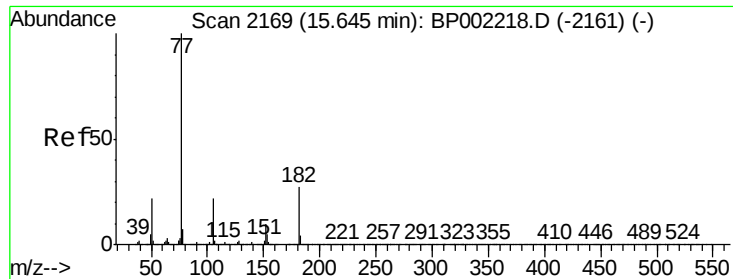
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.1	39.1
141	61.4	48.8	73.2



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

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





#63

Azobenzene

Concen: 37.394 ng

RT: 15.65 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

Tot Ion: 77 Resp: 1067011

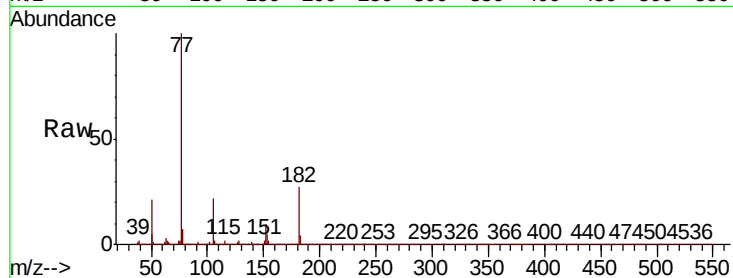
Ion Ratio Lower Upper

77 100

182 27.4 7.0 47.0

105 21.5 1.5 41.5

51 20.8 1.6 41.6

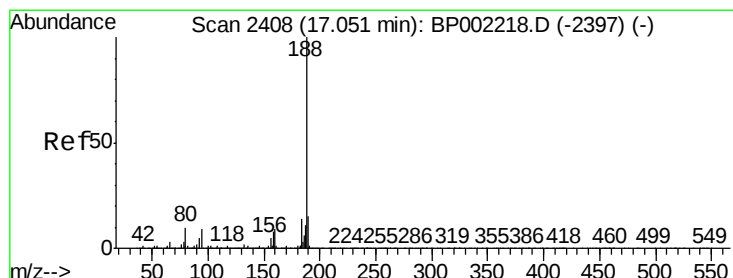
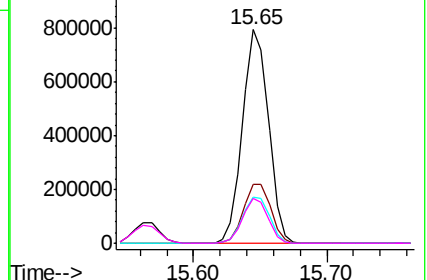
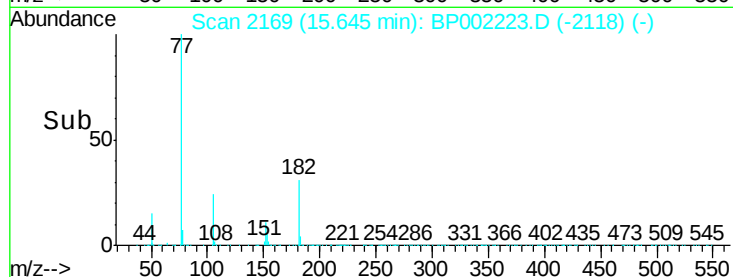


Abundance Ion 77.00 (76.70 to 77.70): BP0

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

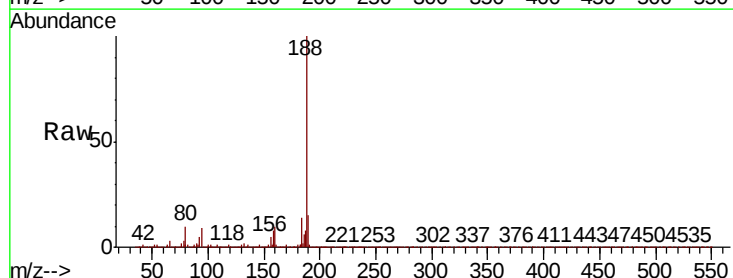
Tgt Ion: 188 Resp: 851372

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

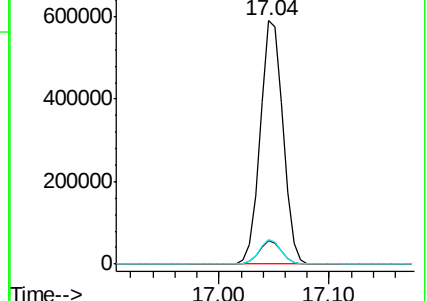
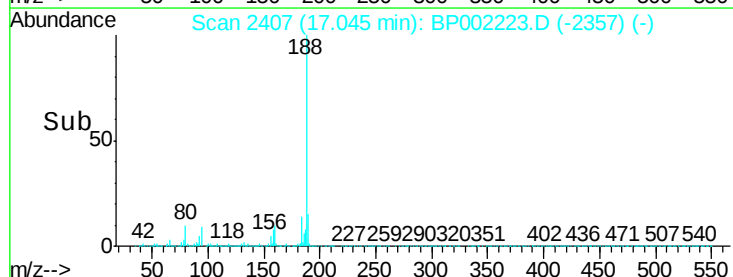
80 9.9 7.8 11.8

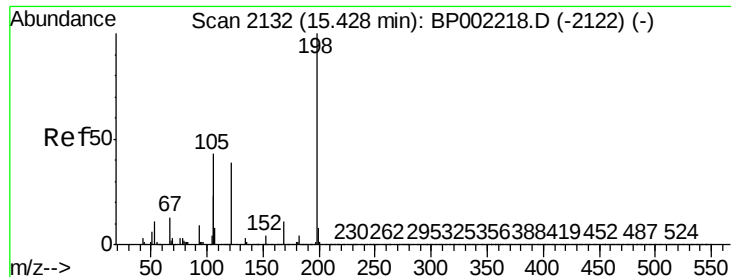


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 44.406 ng

RT: 15.43 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

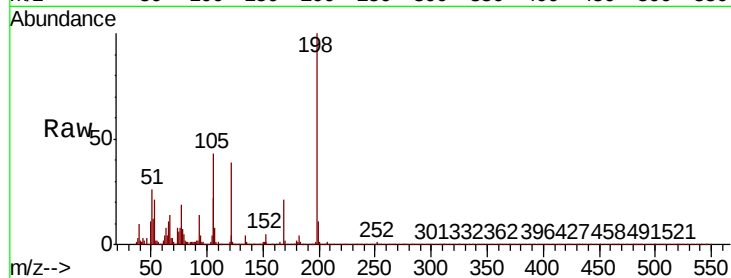
Tot Ion:198 Resp: 157944

Ion Ratio Lower Upper

198 100

51 25.6 6.6 46.6

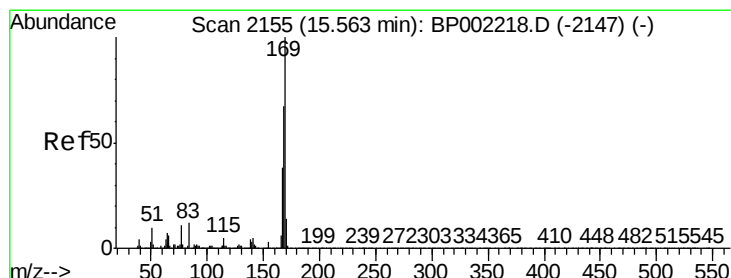
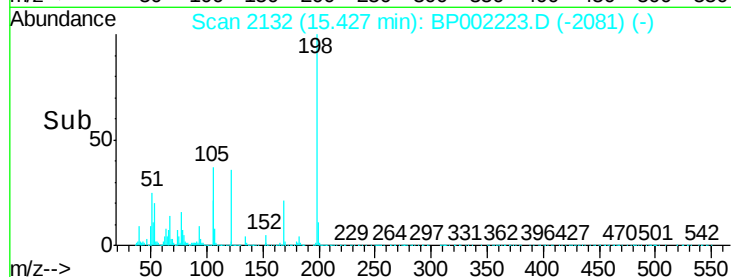
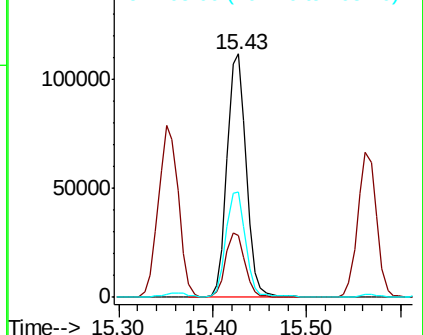
105 43.4 24.7 64.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.205 ng

RT: 15.57 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

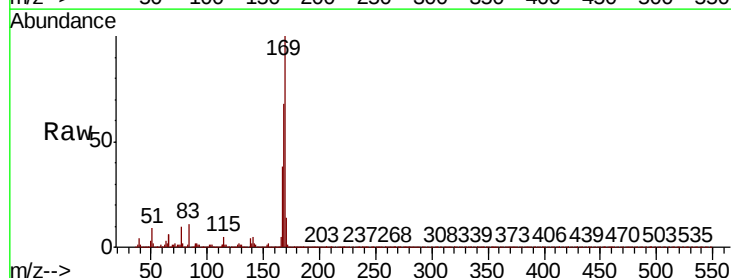
Tgt Ion:169 Resp: 1022861

Ion Ratio Lower Upper

169 100

168 67.9 53.6 80.4

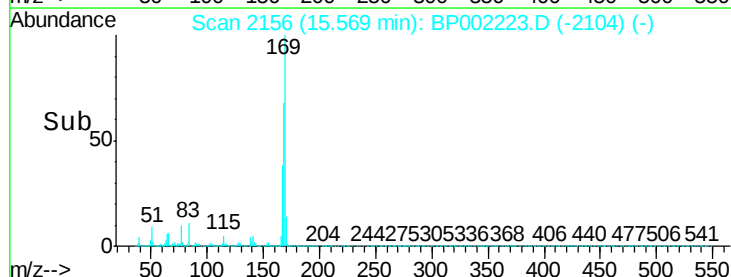
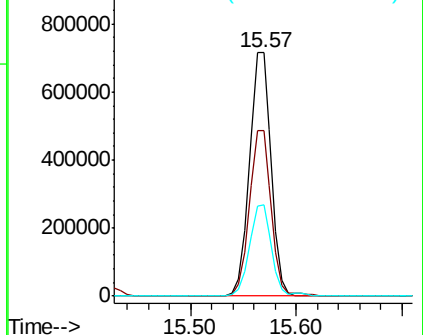
167 37.7 30.6 45.8

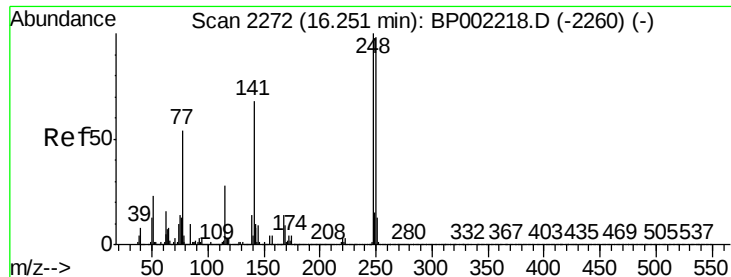


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

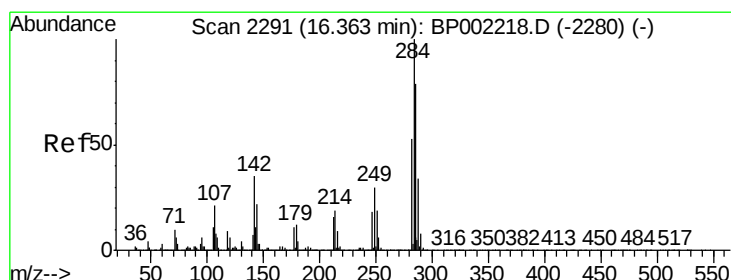
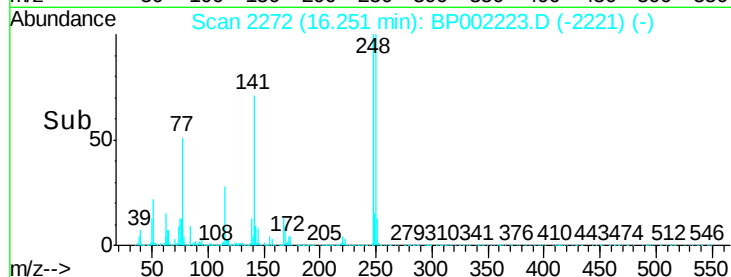
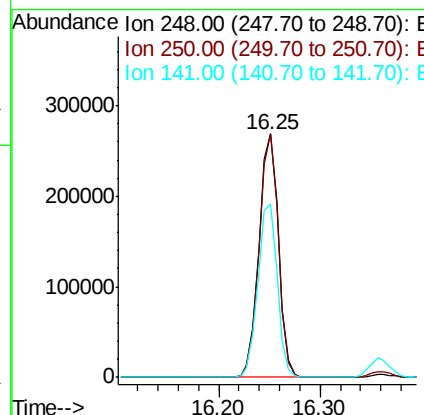
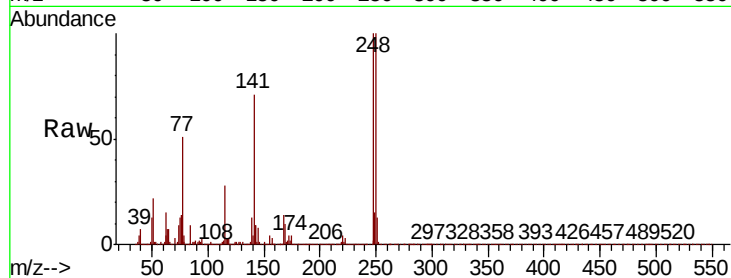




#67
4-Bromophenyl-phenylether
Concen: 37.572 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

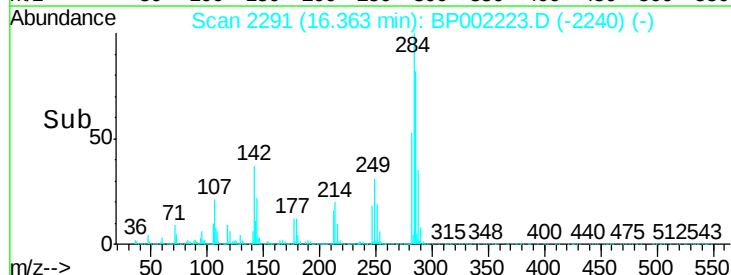
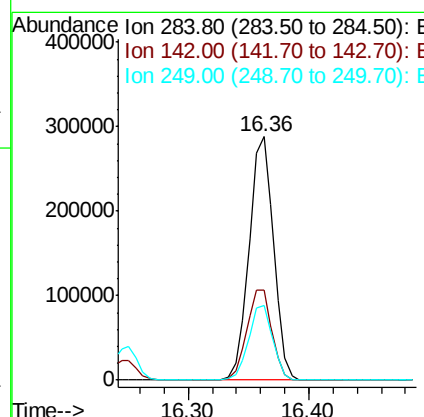
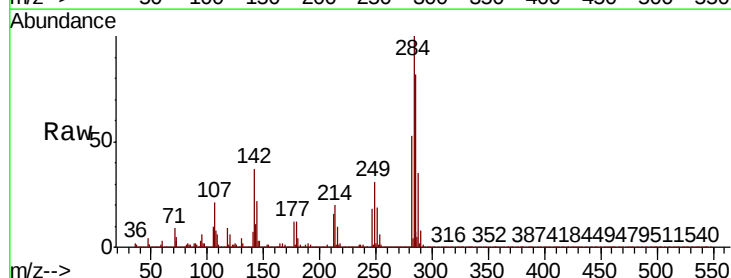
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

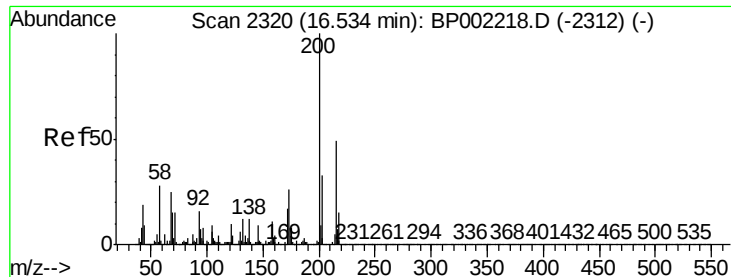
Tot Ion:248 Resp: 356756
Ion Ratio Lower Upper
248 100
250 100.1 78.6 118.0
141 71.3 54.3 81.5



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

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





#69

Atrazine

Concen: 46.318 ng

RT: 16.53 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

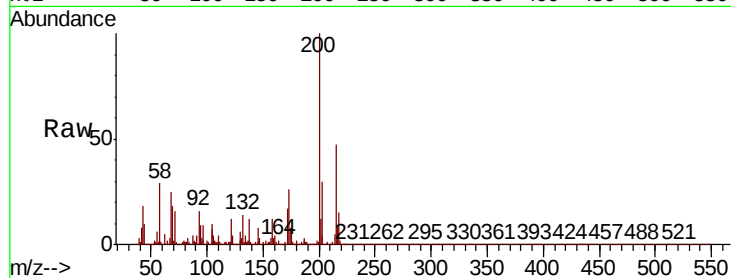
Tot Ion:200 Resp: 310718

Ion Ratio Lower Upper

200 100

173 26.2 6.3 46.3

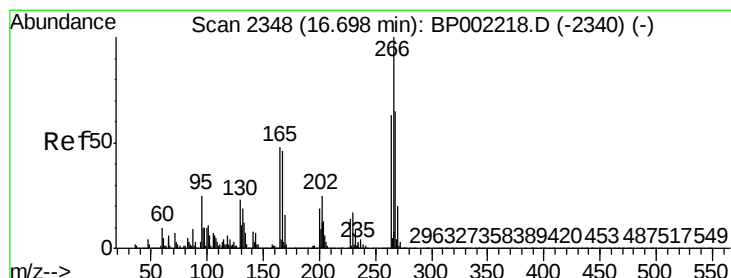
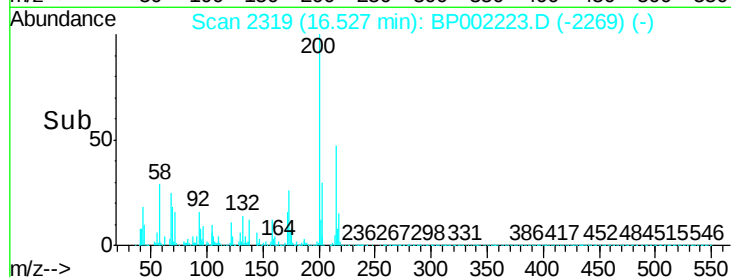
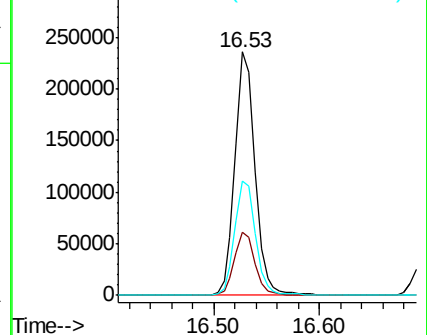
215 46.9 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.475 ng

RT: 16.70 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

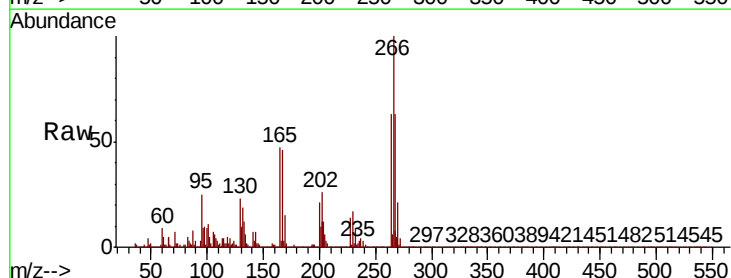
Tgt Ion:266 Resp: 261171

Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

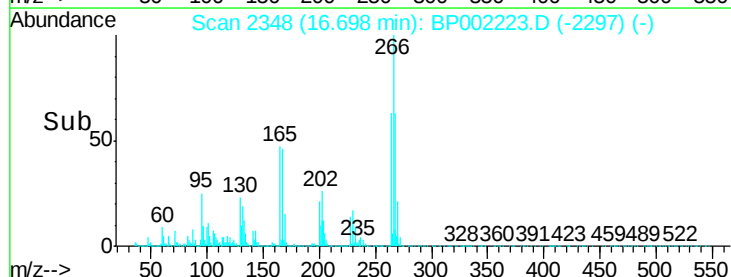
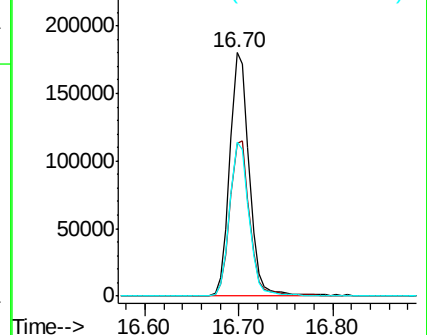
264 63.2 50.6 75.8

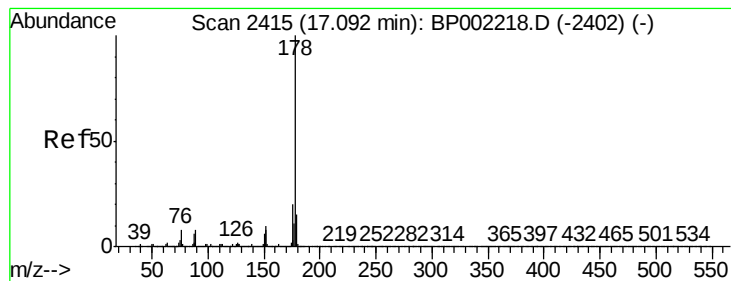


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.345 ng

RT: 17.09 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

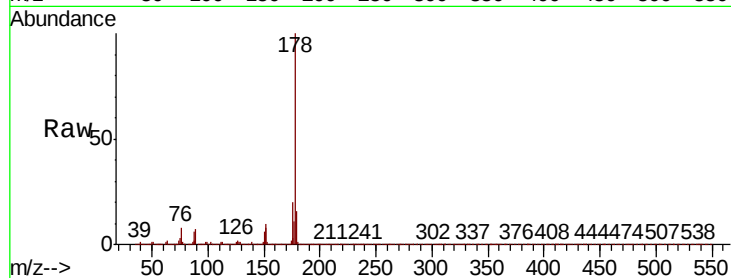
BNA_P

ClientSampleId :

ICVBP031820

Tot Ion:178 Resp: 1907459

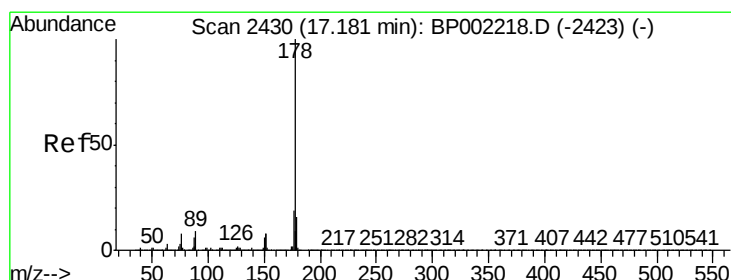
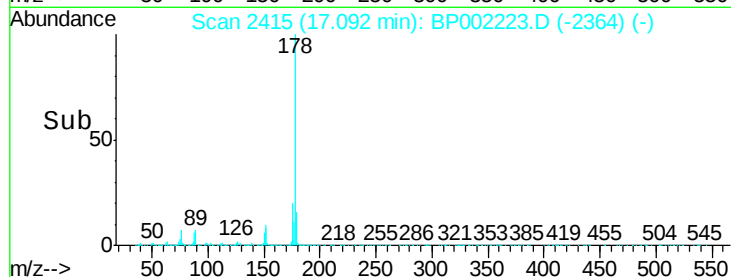
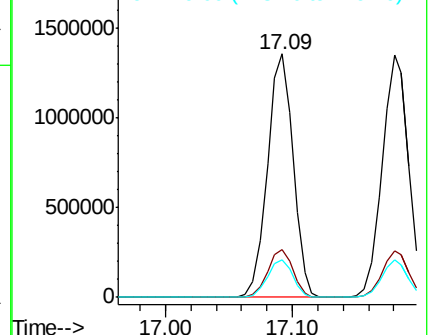
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.6	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.231 ng

RT: 17.18 min Scan# 2430

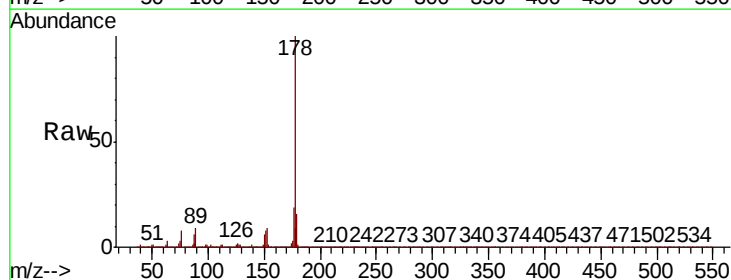
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:178 Resp: 1939203

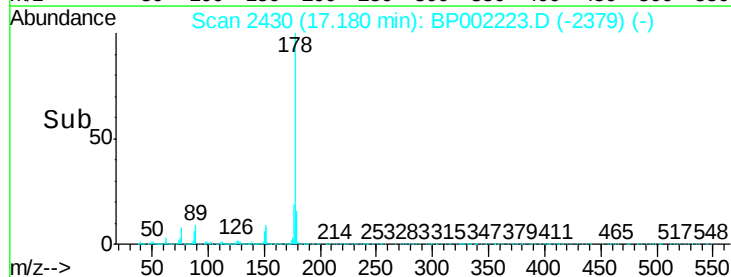
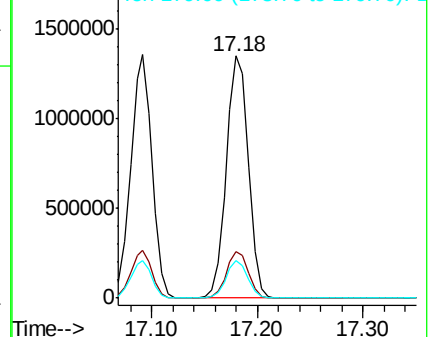
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.5	12.6	18.8

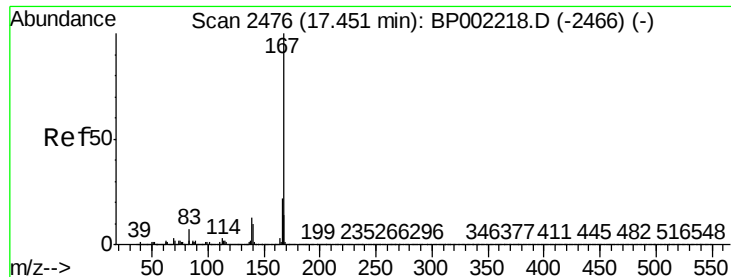


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

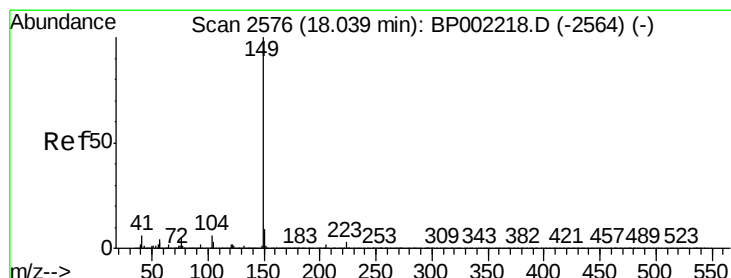
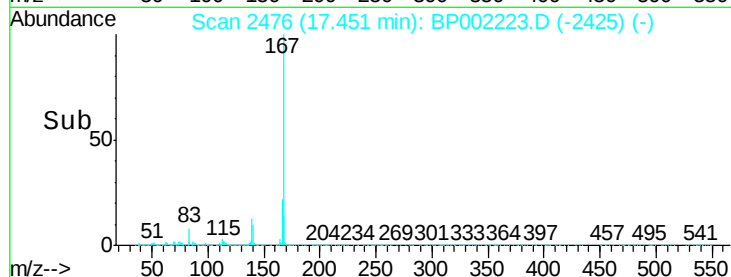
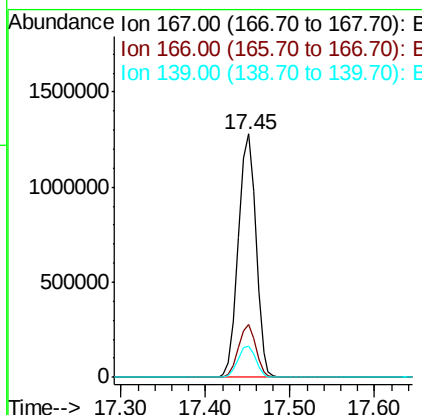
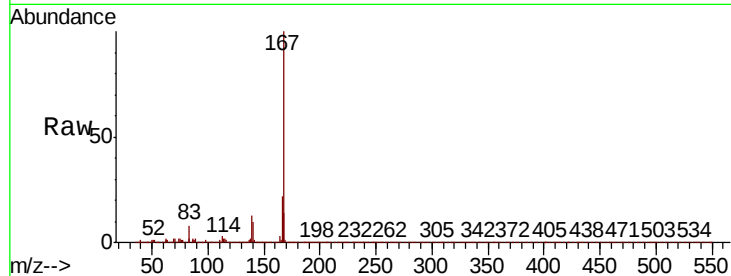




#73
 Carbazole
 Concen: 38.989 ng
 RT: 17.45 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

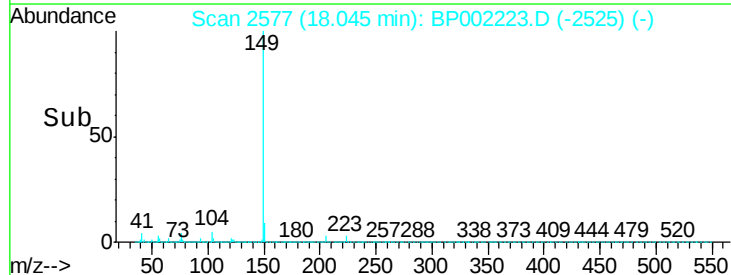
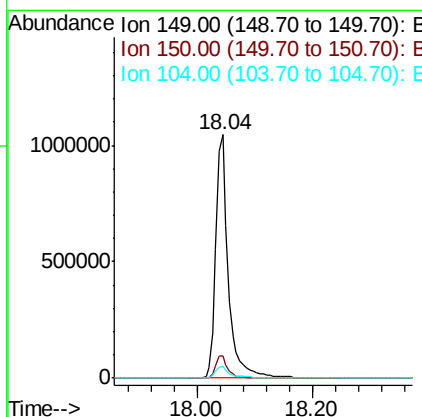
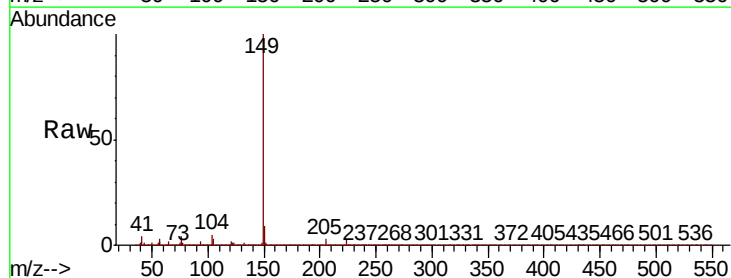
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031820

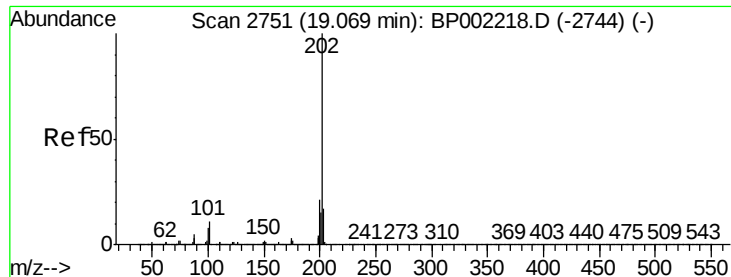
Tot Ion:167 Resp: 1821096
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 52.787 ng
 RT: 18.04 min Scan# 2577
 Delta R.T. 0.01 min
 Lab File: BP002223.D
 Acq: 18 Mar 2020 19:16

Tgt Ion:149 Resp: 1583710
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.4
 104 4.9 4.8 7.2





#75

Fluoranthene

Concen: 39.917 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

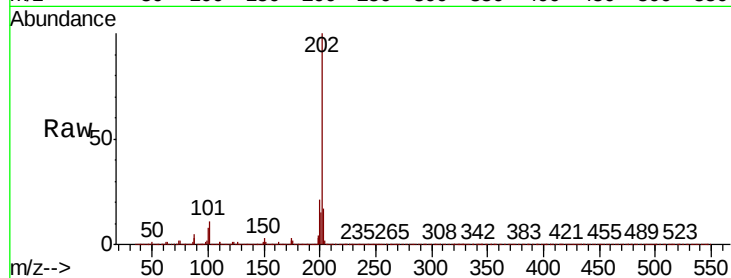
BNA_P

ClientSampleId :

ICVBP031820

Tot Ion:202 Resp: 2188626

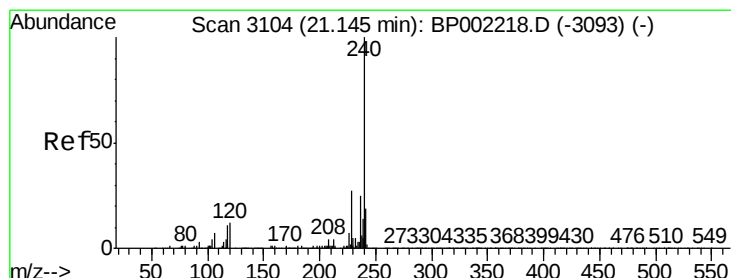
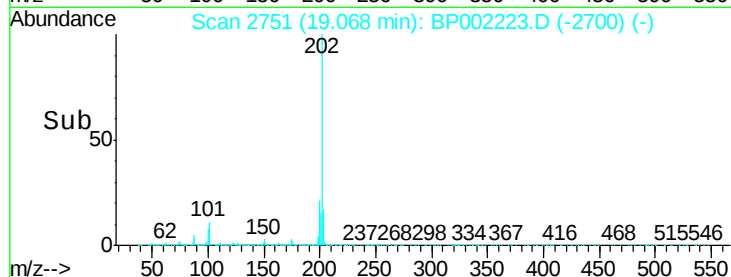
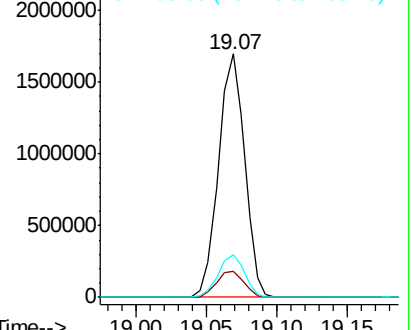
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.6
203	17.3	0.0	37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3104

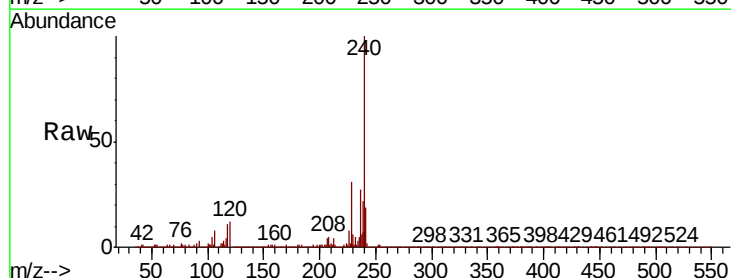
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:240 Resp: 787734

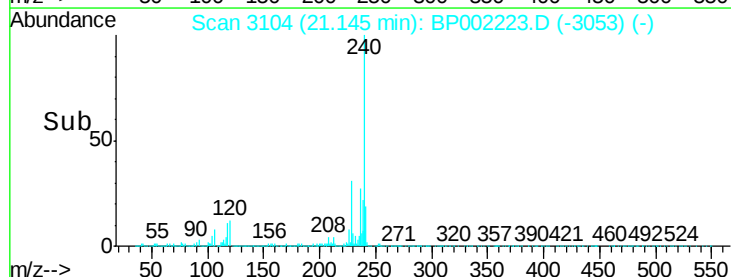
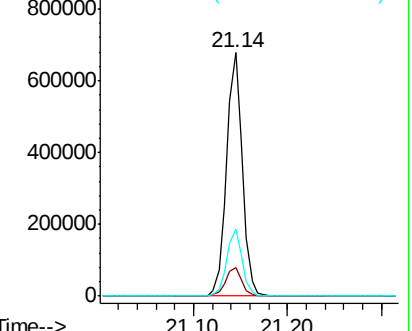
Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.2
236	27.4	20.3	30.5

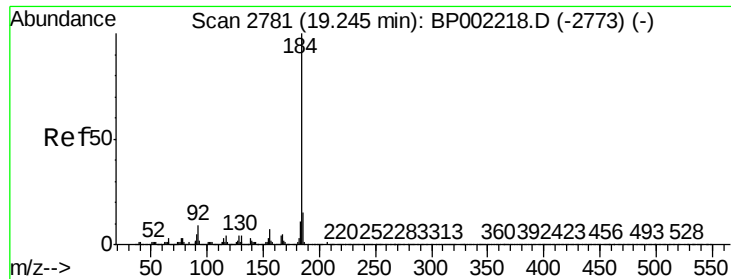


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.561 ng

RT: 19.25 min Scan# 2782

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

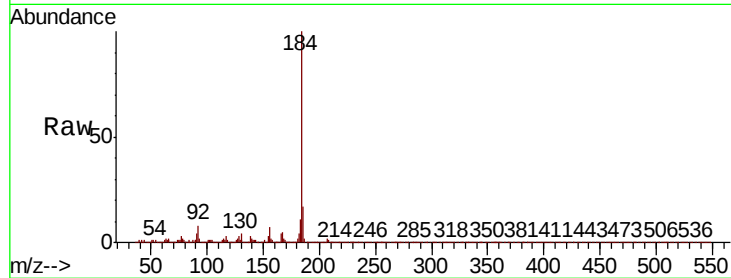
Tot Ion:184 Resp: 377553

Ion Ratio Lower Upper

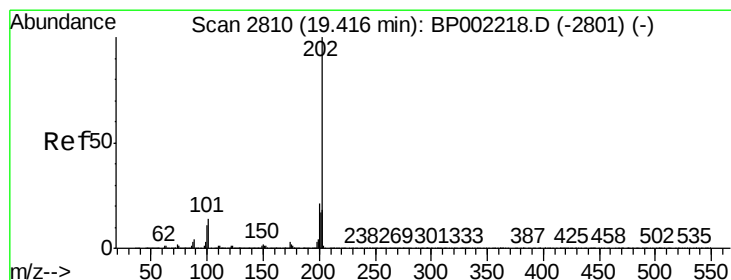
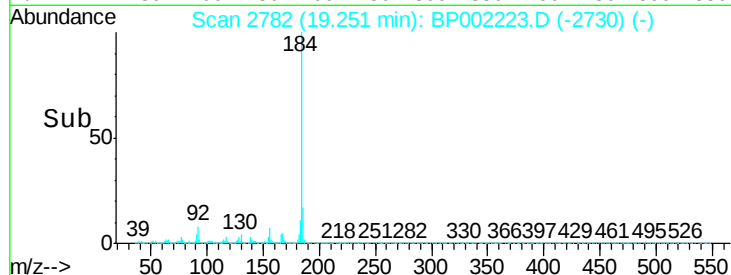
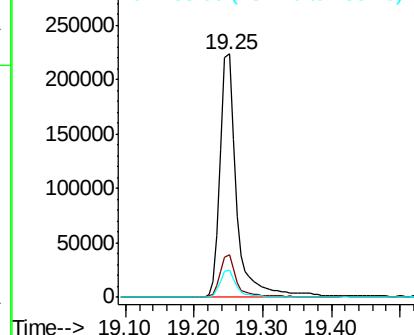
184 100

185 17.3 11.6 17.4

183 11.0 9.0 13.6



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



#78

Pyrene

Concen: 42.238 ng

RT: 19.42 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

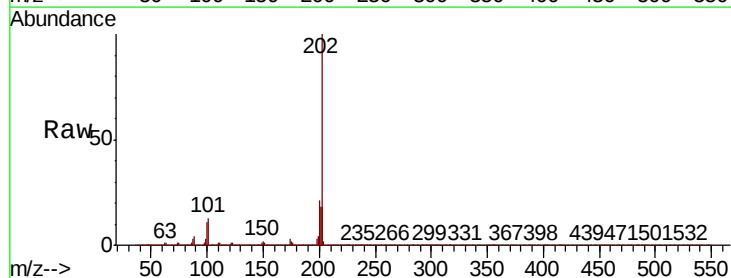
Tgt Ion:202 Resp: 2316473

Ion Ratio Lower Upper

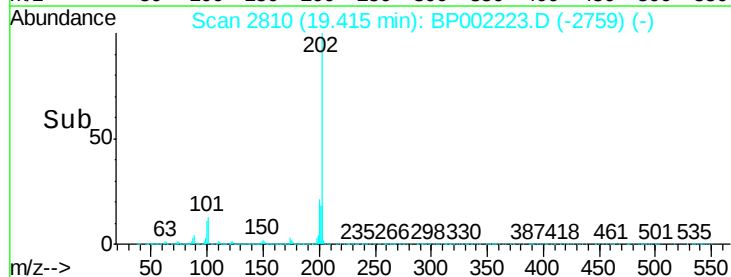
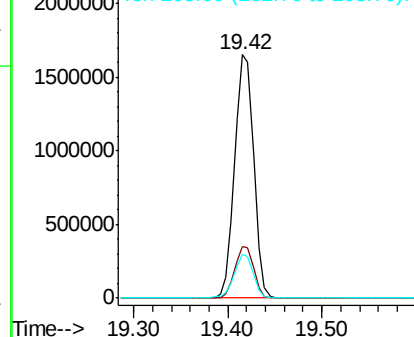
202 100

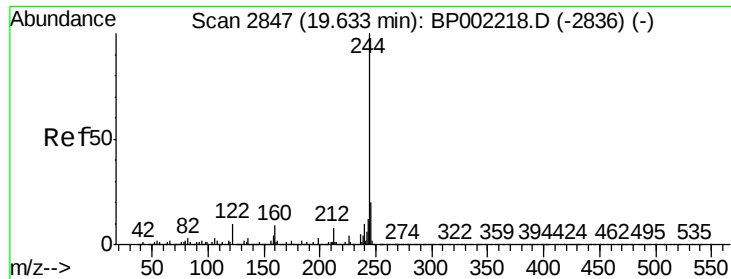
200 21.1 16.9 25.3

203 17.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.743 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

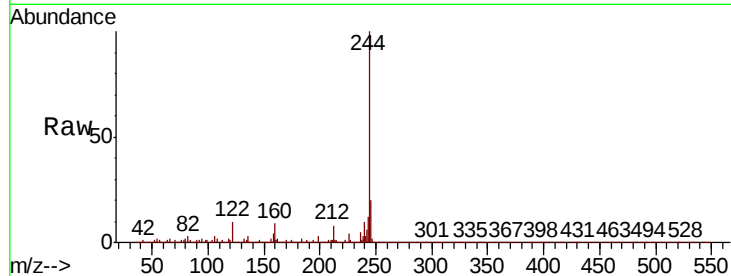
Tot Ion:244 Resp: 2839749

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

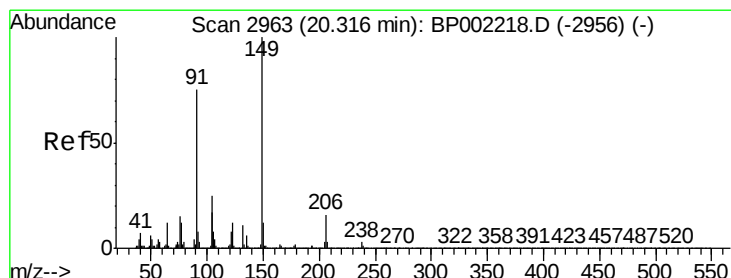
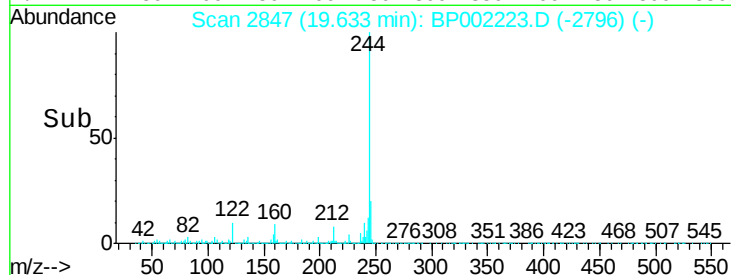
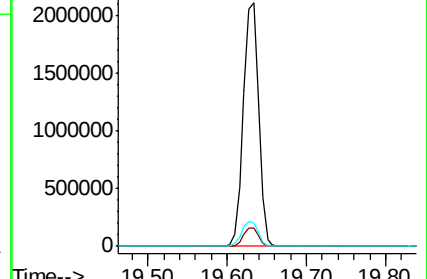
122 9.6 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.493 ng

RT: 20.32 min Scan# 2963

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

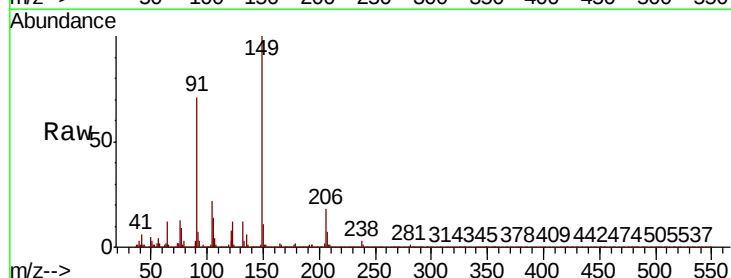
Tgt Ion:149 Resp: 267232

Ion Ratio Lower Upper

149 100

91 71.1 59.9 89.9

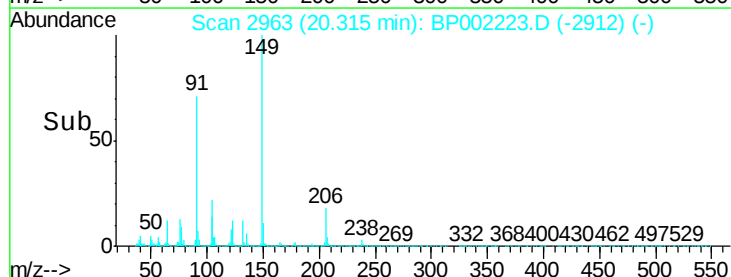
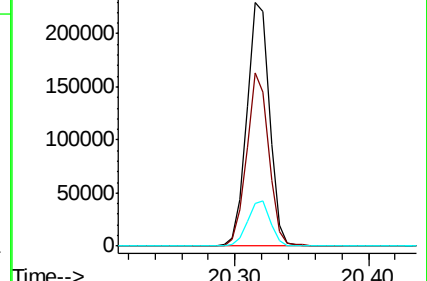
206 17.7 12.7 19.1

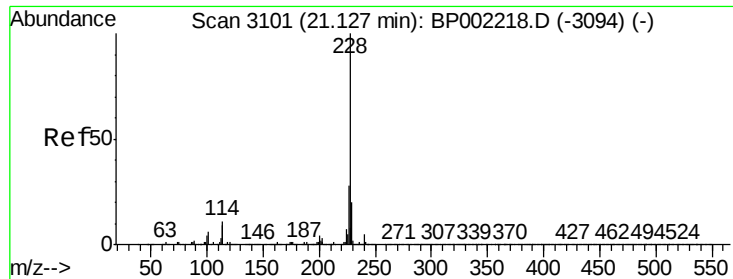


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

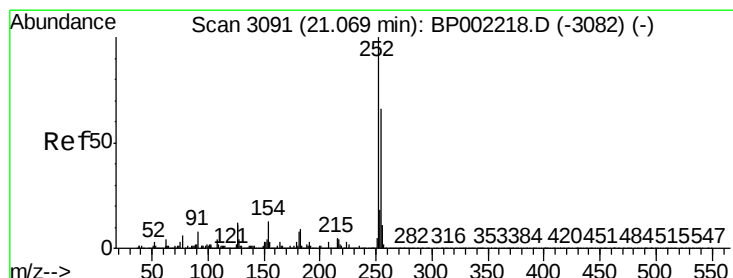
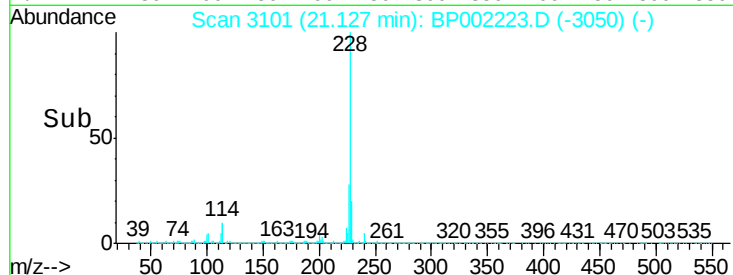
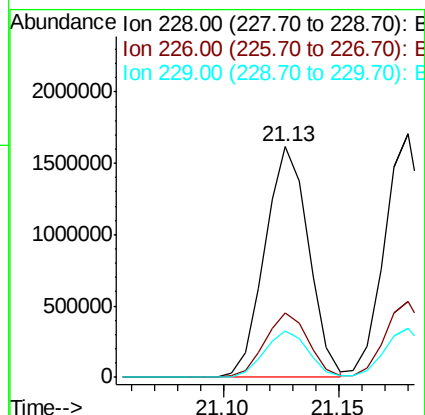
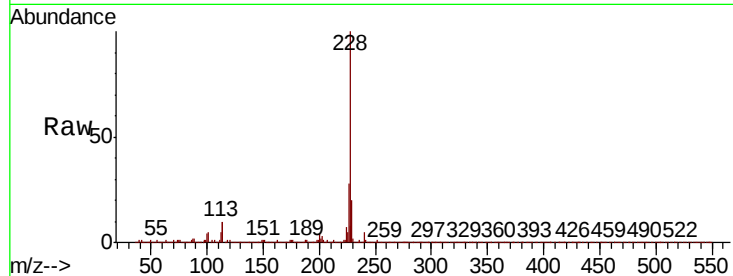




#81
Benzo(a)anthracene
Concen: 41.147 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

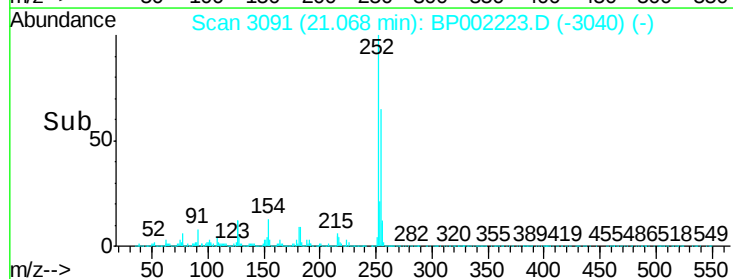
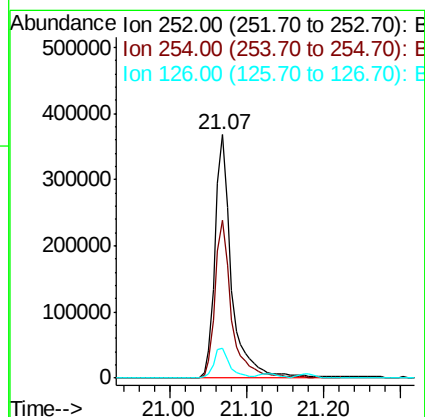
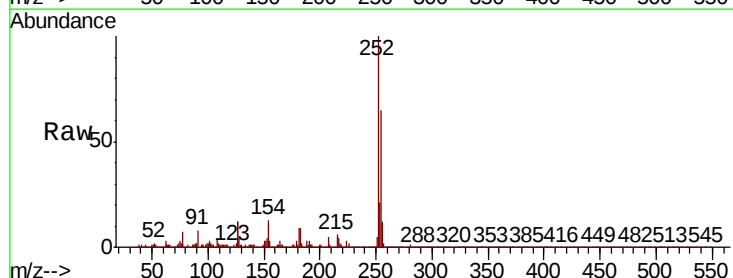
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

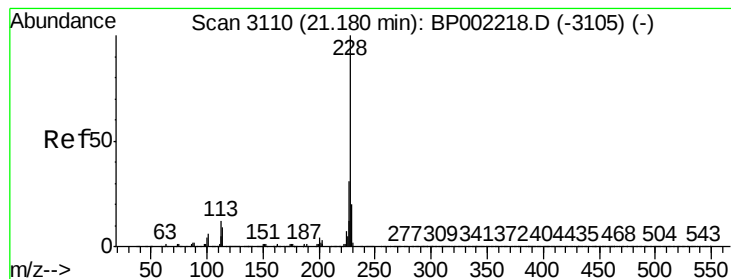
Tot Ion:228 Resp: 2123965
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 50.726 ng
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:252 Resp: 543741
Ion Ratio Lower Upper
252 100
254 64.9 52.9 79.3
126 12.0 9.5 14.3





#83

Chrysene

Concen: 41.157 ng

RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

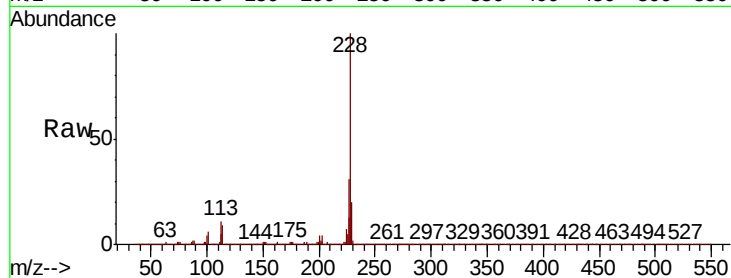
BNA_P

ClientSampleId :

ICVBP031820

Tot Ion:228 Resp: 2099652

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

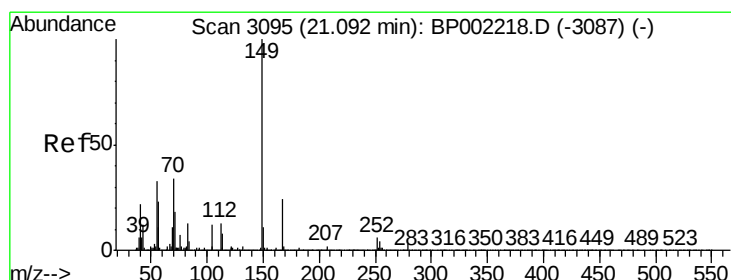
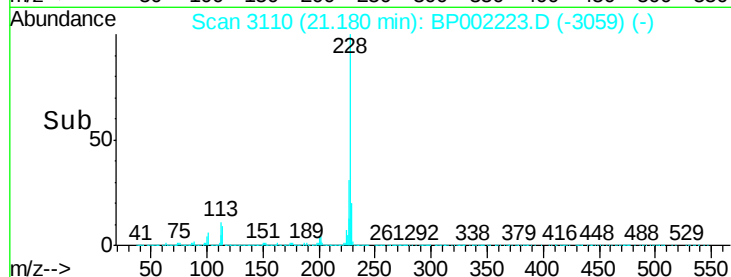
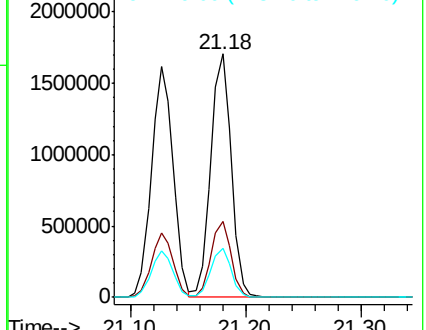


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.794 ng

RT: 21.09 min Scan# 3095

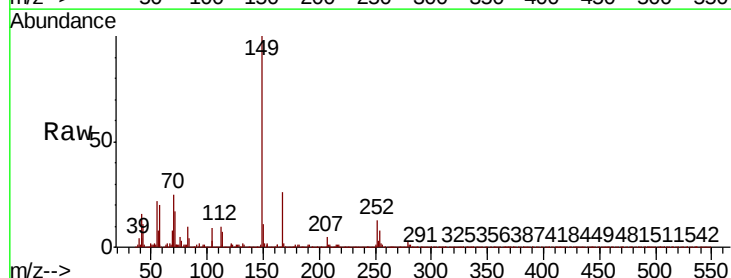
Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Tgt Ion:149 Resp: 451216

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

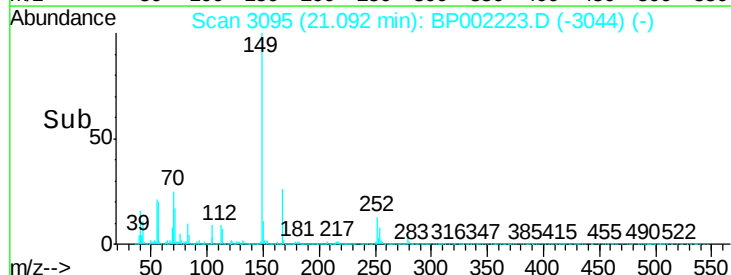
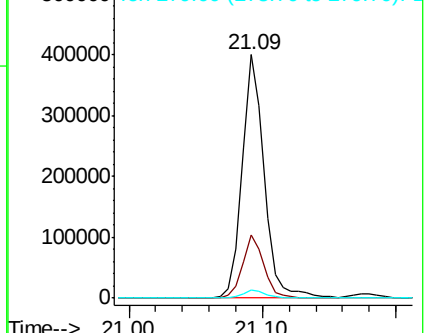


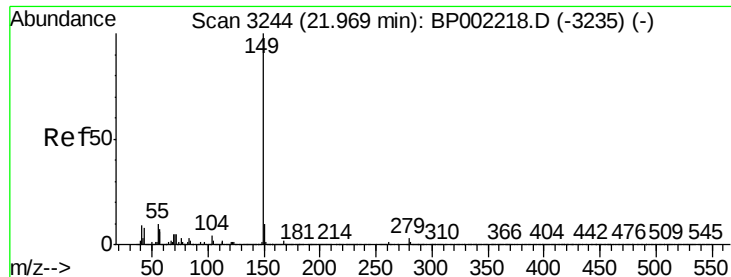
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.511 ng

RT: 21.97 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

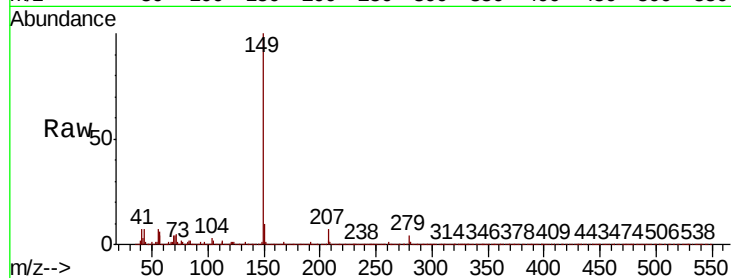
Tot Ion:149 Resp: 799260

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

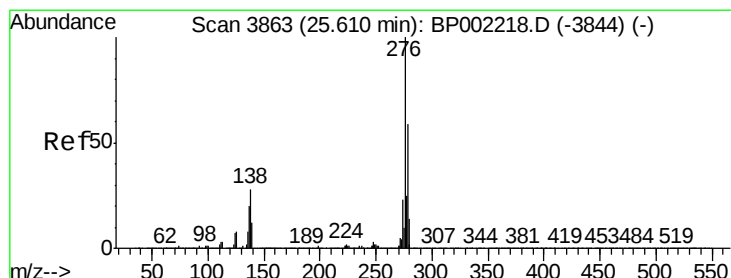
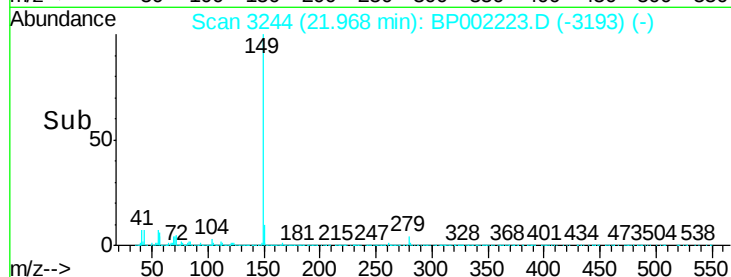
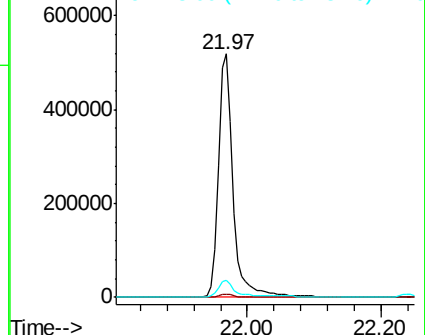
43 8.9 9.3 13.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.978 ng

RT: 25.61 min Scan# 3863

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

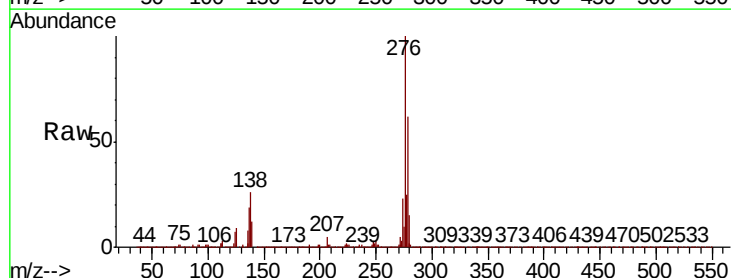
Tgt Ion:276 Resp: 2538845

Ion Ratio Lower Upper

276 100

138 29.1 24.2 36.4

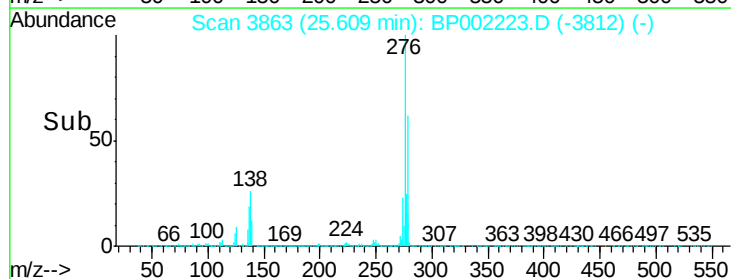
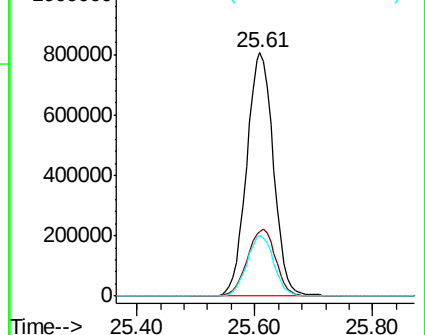
277 25.2 20.1 30.1

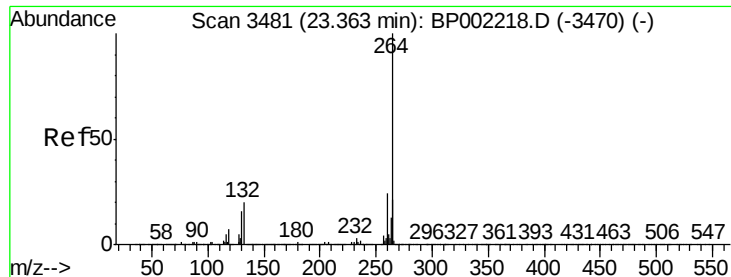


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

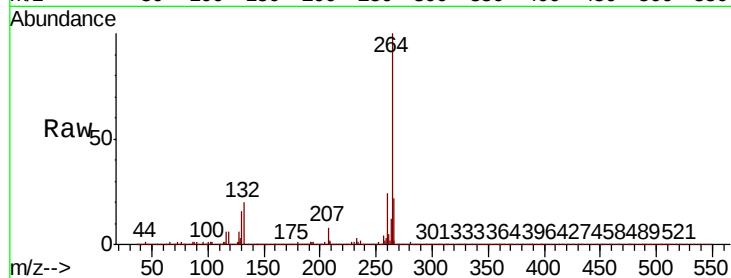
Tot Ion:264 Resp: 905718

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

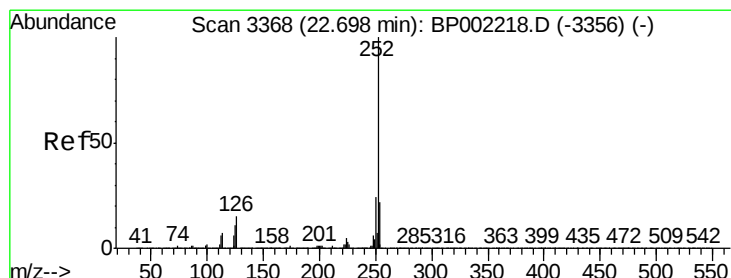
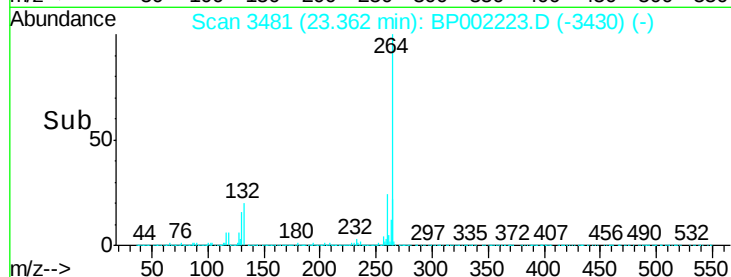
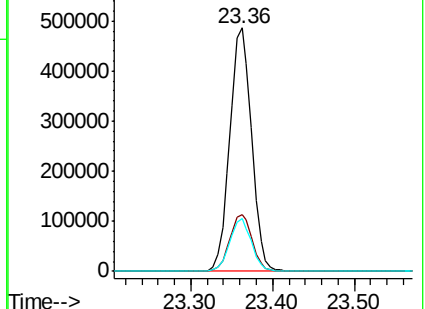
265 21.7 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.962 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

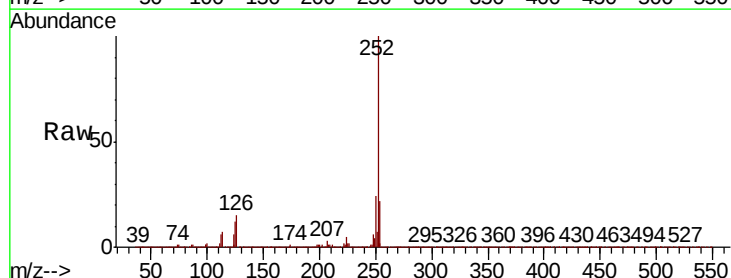
Tgt Ion:252 Resp: 2193831

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

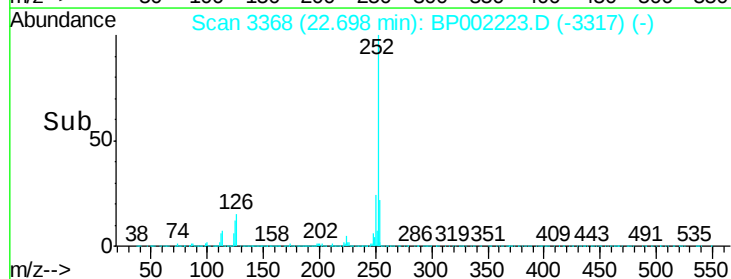
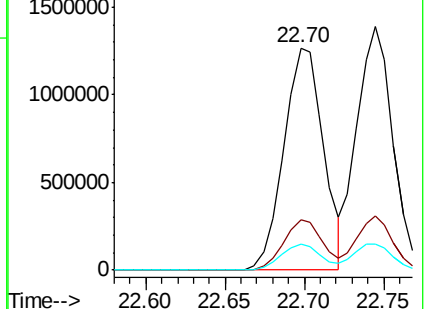
125 11.6 9.1 13.7

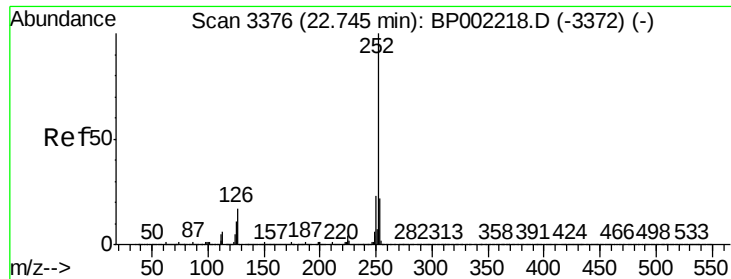


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

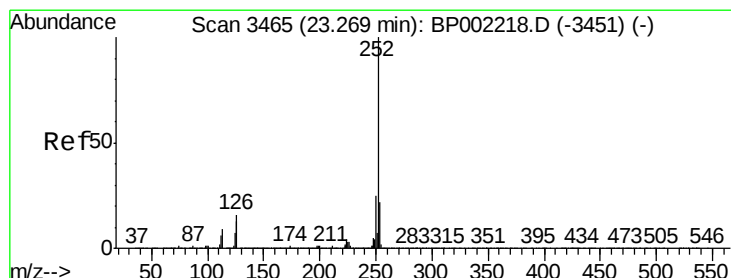
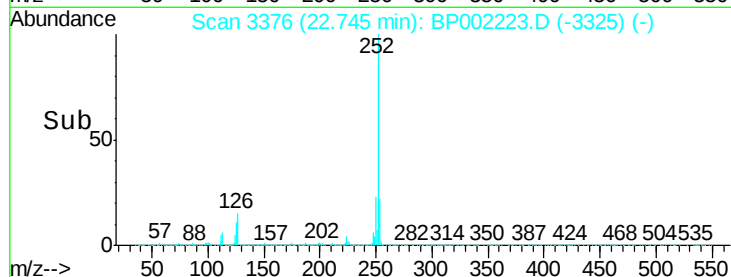
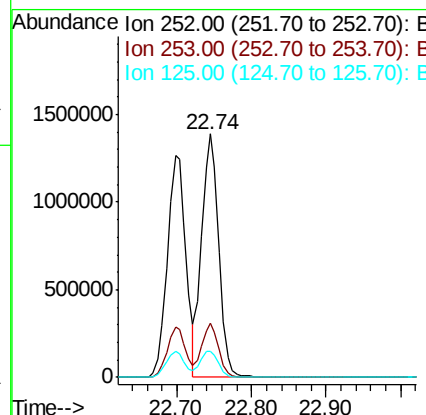
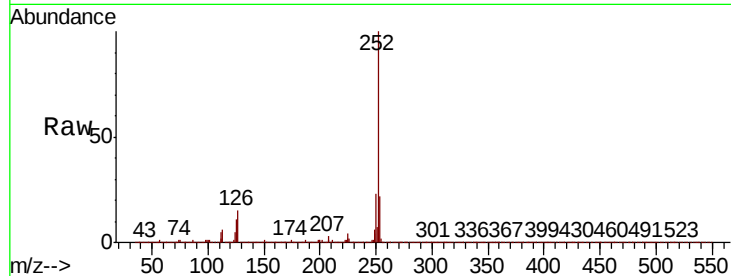




#89
Benzo(k)fluoranthene
Concen: 38.327 ng
RT: 22.74 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

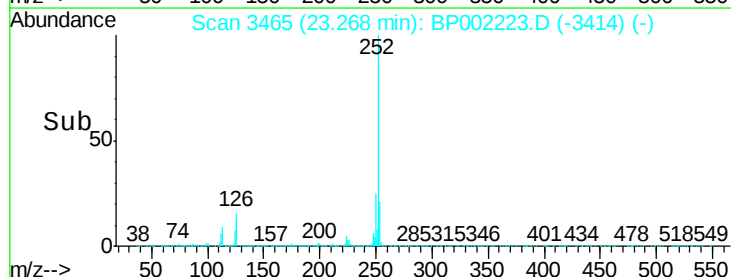
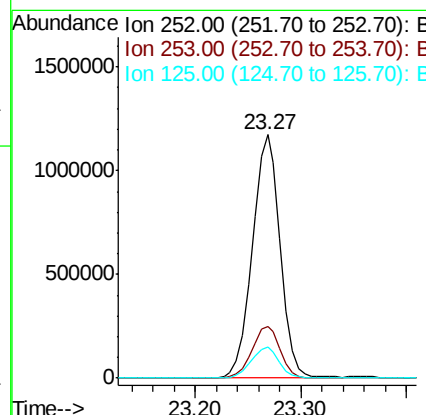
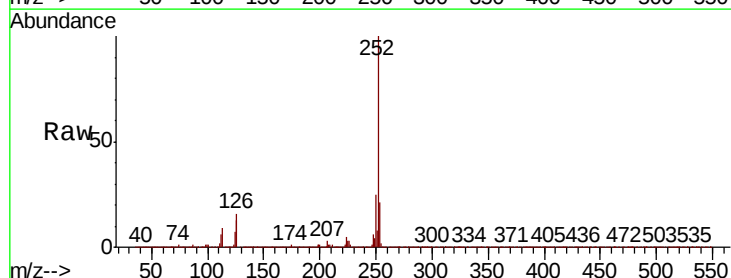
Instrument :
BNA_P
ClientSampleId :
ICVBP031820

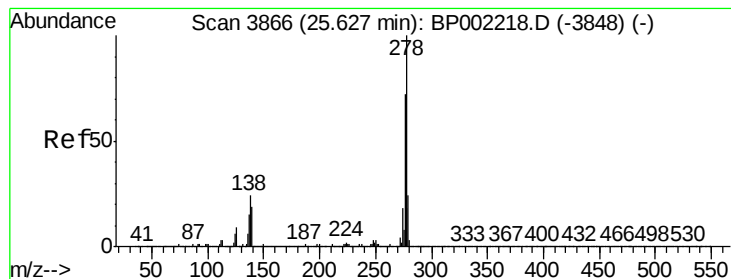
Tot Ion:252 Resp: 2212799
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.9 9.4 14.0



#90
Benzo(a)pyrene
Concen: 39.725 ng
RT: 23.27 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BP002223.D
Acq: 18 Mar 2020 19:16

Tgt Ion:252 Resp: 2138494
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 12.7 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 39.526 ng

RT: 25.63 min Scan# 3866

Delta R.T. -0.00 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

Instrument :

BNA_P

ClientSampleId :

ICVBP031820

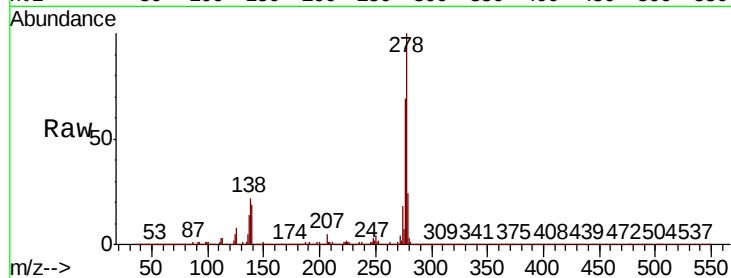
Tot Ion:278 Resp: 2140503

Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.8	22.2
279	24.4	19.4	29.0

278 100

139 18.5 14.8 22.2

279 24.4 19.4 29.0

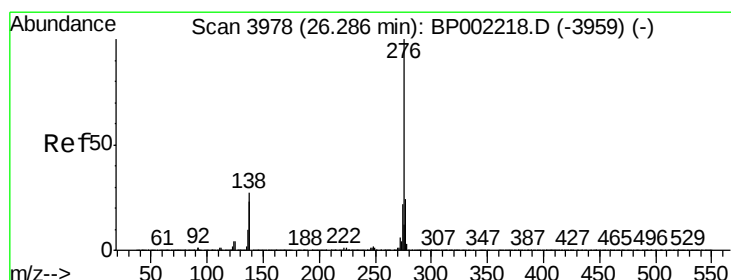
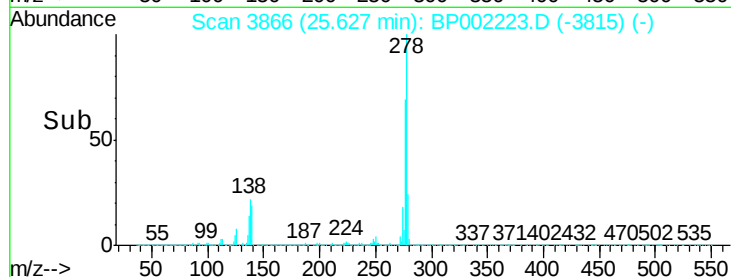
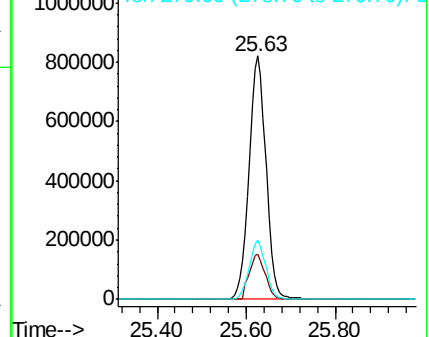


Abundance

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: 39.879 ng

RT: 26.29 min Scan# 3979

Delta R.T. 0.01 min

Lab File: BP002223.D

Acq: 18 Mar 2020 19:16

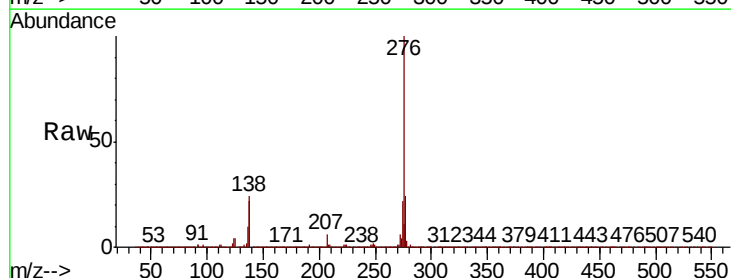
Tgt Ion:276 Resp: 2142053

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	24.2	21.3	31.9

276 100

277 23.6 19.2 28.8

138 24.2 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

