

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
 Data File : BP002219.D
 Acq On : 18 Mar 2020 17:00
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 18 18:18:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 17:54:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	137681	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	566894	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	329503	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	698283	20.00	ng	0.00
76) Chrysene-d12	21.15	240	668846	20.00	ng	0.00
87) Perylene-d12	23.36	264	700794	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	769224	99.41	ng	0.00
7) Phenol-d6	6.84	99	986263	97.73	ng	0.00
23) Nitrobenzene-d5	8.80	82	867022	93.49	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	393762	116.68	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2235205	98.55	ng	0.00
79) Terphenyl-d14	19.63	244	3004656	91.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	150739	47.405	ng	99
3) Pyridine	3.63	79	436988	48.126	ng	98
4) n-Nitrosodimethylamine	3.54	42	111017	32.066	ng	95
6) Aniline	6.99	93	618207	49.816	ng	99
8) 2-Chlorophenol	7.23	128	460486	54.274	ng	98
9) Benzaldehyde	6.80	77	300749	54.979	ng	99
10) Phenol	6.86	94	508820	49.479	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	432759	52.406	ng	99
12) 1,3-Dichlorobenzene	7.55	146	526150	50.873	ng	96
13) 1,4-Dichlorobenzene	7.69	146	530878	51.086	ng	98
14) 1,2-Dichlorobenzene	8.01	146	512804	51.893	ng	99
15) Benzyl Alcohol	7.89	79	297310	43.496	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	337663	32.740	ng	98
17) 2-Methylphenol	8.10	107	396419	57.909	ng	99
18) Hexachloroethane	8.73	117	188228	52.037	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	252091	41.086	ng	99
20) 3+4-Methylphenols	8.43	107	538182	58.942	ng	98
22) Acetophenone	8.47	105	625406	45.042	ng	98
24) Nitrobenzene	8.85	77	453561	47.994	ng	99
25) Isophorone	9.37	82	898109	51.810	ng	100
26) 2-Nitrophenol	9.55	139	200115	61.593	ng	99
27) 2,4-Dimethylphenol	9.62	122	386893	56.224	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	544683	46.212	ng	99
29) 2,4-Dichlorophenol	10.08	162	433925	54.076	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	478323	48.592	ng	99
31) Naphthalene	10.48	128	1511849	52.293	ng	99
32) Benzoic acid	9.76	122	199147	59.863	ng	92
33) 4-Chloroaniline	10.59	127	632507	51.247	ng	99
34) Hexachlorobutadiene	10.79	225	277573	47.449	ng	99
35) Caprolactam	11.35	113	97287	39.937	ng	95
36) 4-Chloro-3-methylphenol	11.72	107	429666	52.497	ng	99
37) 2-Methylnaphthalene	12.10	142	1056047	52.171	ng	98
38) 1-Methylnaphthalene	12.32	142	993532	51.808	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	495564	47.273	ng	100

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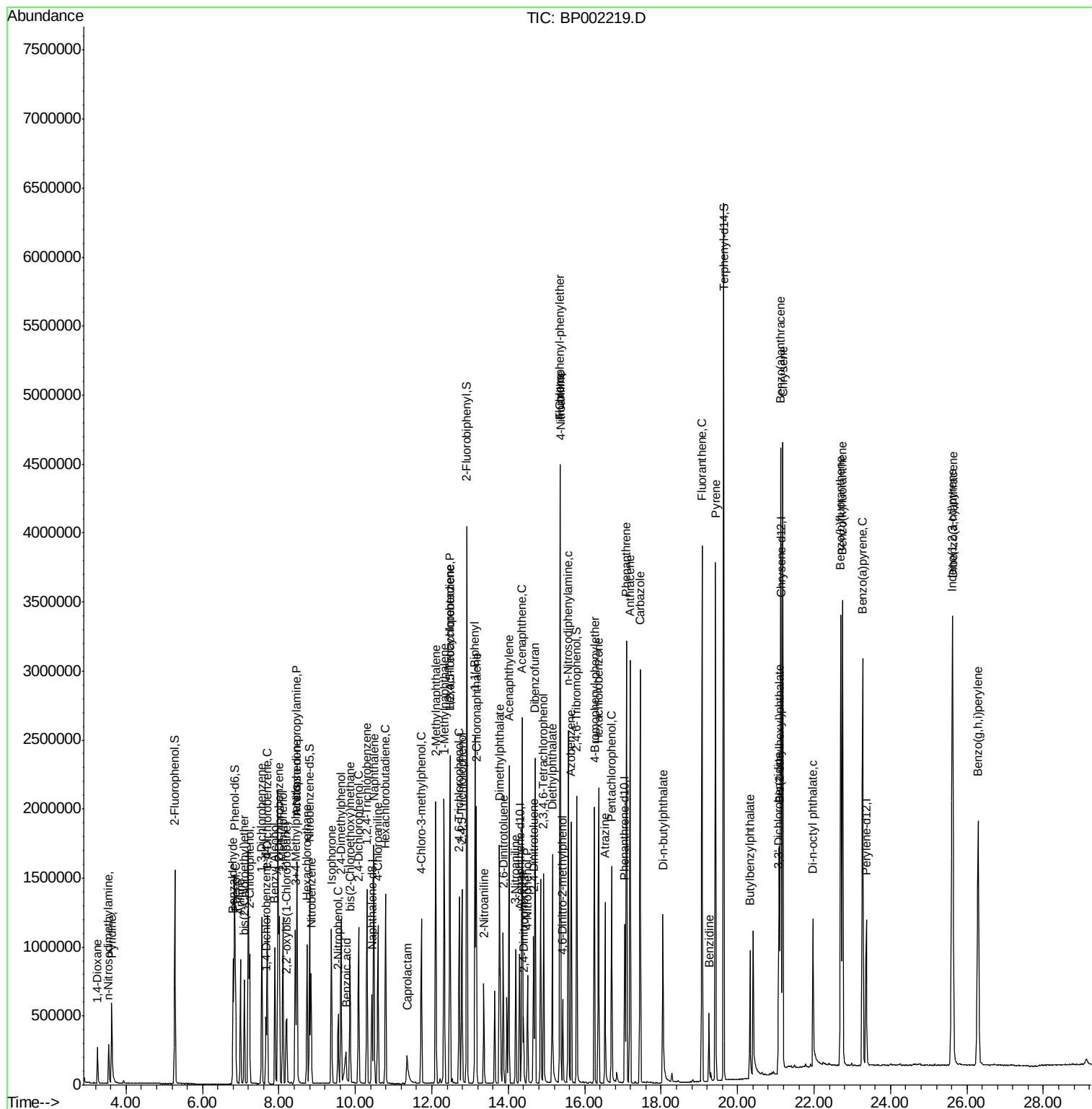
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	248871	54.980	ng	96
43) 2,4,6-Trichlorophenol	12.72	196	332110	56.010	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	386341	61.745	ng	99
46) 1,1'-Biphenyl	13.13	154	1340553	52.209	ng	100
47) 2-Chloronaphthalene	13.16	162	1043969	51.596	ng	98
48) 2-Nitroaniline	13.36	65	155727	33.834	ng	99
49) Acenaphthylene	14.02	152	1691097	55.420	ng	99
50) Dimethylphthalate	13.77	163	1265002	52.006	ng	100
51) 2,6-Dinitrotoluene	13.87	165	249531	53.504	ng	99
52) Acenaphthene	14.36	154	1042010	53.310	ng	99
53) 3-Nitroaniline	14.19	138	283723	51.655	ng	95
54) 2,4-Dinitrophenol	14.40	184	115454	89.743	ng	98
55) Dibenzofuran	14.70	168	1555166	53.799	ng	99
56) 4-Nitrophenol	14.50	139	245902	62.029	ng	99
57) 2,4-Dinitrotoluene	14.66	165	333832	54.983	ng	99
58) Fluorene	15.35	166	1111124	47.880	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	317908	58.400	ng	99
60) Diethylphthalate	15.15	149	1193414	49.058	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	555540	47.108	ng	98
62) 4-Nitroaniline	15.36	138	248910	42.984	ng	94
63) Azobenzene	15.65	77	1131730	50.792	ng	99
65) 4,6-Dinitro-2-methylphenol	15.43	198	149109	74.678	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1040081	50.015	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	385447	50.989	ng	98
68) Hexachlorobenzene	16.36	284	425024	49.270	ng	95
69) Atrazine	16.53	200	277830	44.502	ng	98
70) Pentachlorophenol	16.70	266	265139	66.225	ng	99
71) Phenanthrene	17.09	178	1960098	52.114	ng	100
72) Anthracene	17.18	178	1959629	53.840	ng	99
73) Carbazole	17.45	167	1903137	54.881	ng	99
74) Di-n-butylphthalate	18.05	149	1140909	28.169	ng	99
75) Fluoranthene	19.07	202	2239422	53.001	ng	100
77) Benzidine	19.25	184	309584	19.704	ng	100
78) Pyrene	19.42	202	2332428	50.683	ng	99
80) Butylbenzylphthalate	20.32	149	251733	13.932	ng	97
81) Benzo(a)anthracene	21.13	228	2197254	49.366	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	429059	28.582	ng	99
83) Chrysene	21.18	228	2133609	50.853	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	401399	14.153	ng	98
85) Di-n-octyl phthalate	21.97	149	692344	15.515	ng	99
86) Indeno(1,2,3-cd)pyrene	25.61	276	2528540	47.499	ng	99
88) Benzo(b)fluoranthene	22.70	252	2208264	52.013	ng	99
89) Benzo(k)fluoranthene	22.74	252	2221240	55.513	ng	99
90) Benzo(a)pyrene	23.27	252	2082139	53.751	ng	100
91) Dibenzo(a,h)anthracene	25.63	278	2103388	53.138	ng	99
92) Benzo(g,h,i)perylene	26.30	276	2074008	53.094	ng	98

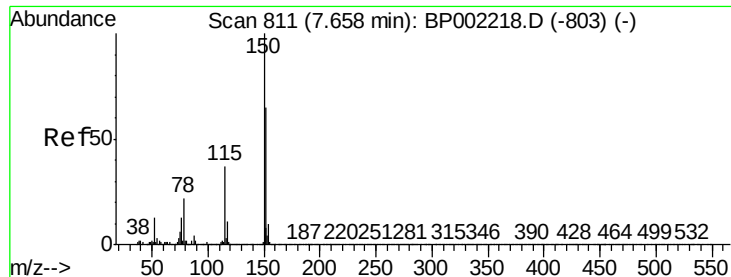
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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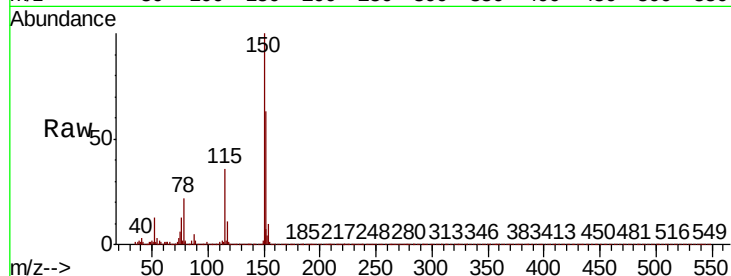


#1

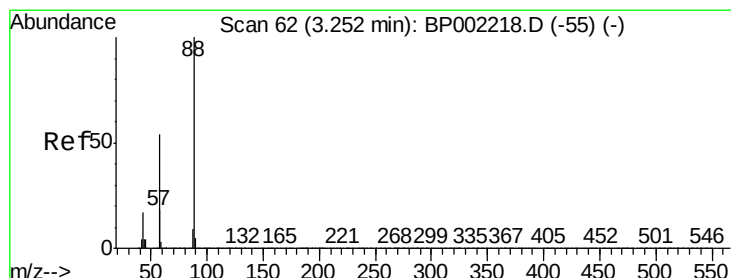
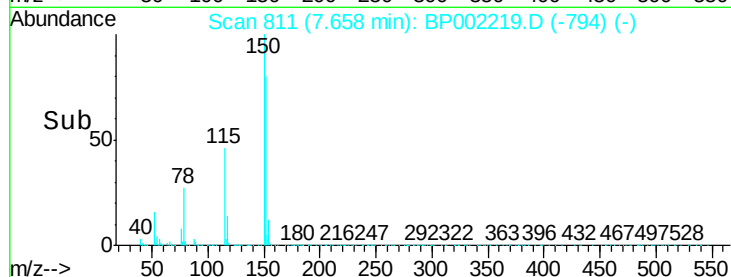
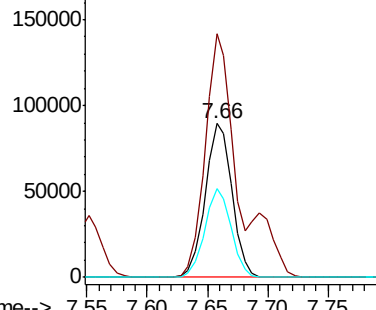
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.4	185.0
115	57.4	45.2	67.8



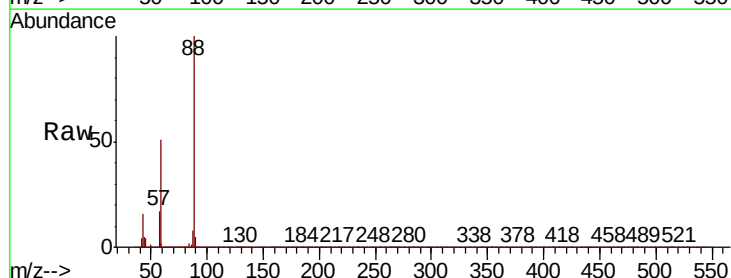
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



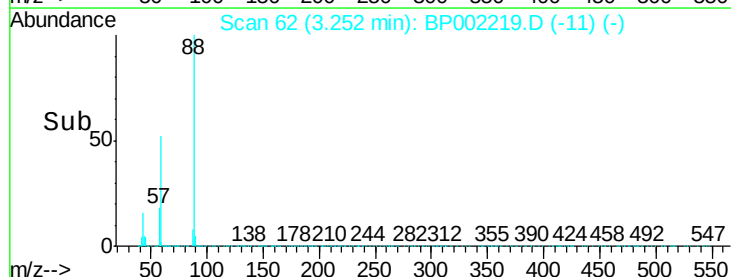
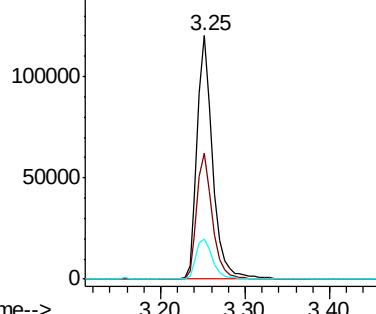
#2

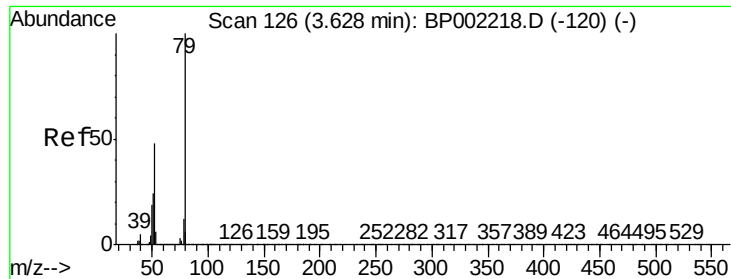
1,4-Dioxane
Concen: 47.405 ng
RT: 3.25 min Scan# 62
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.6	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: 48.126 ng

RT: 3.63 min Scan# 126

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

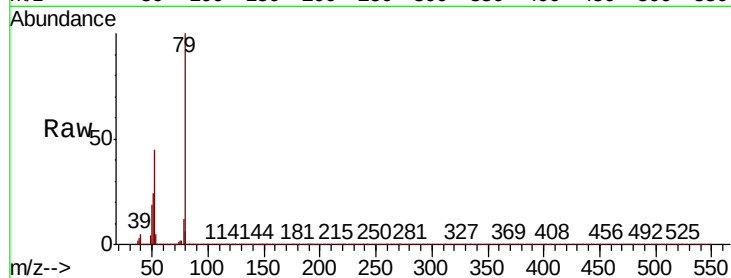
Tot Ion: 79 Resp: 436988

Ion Ratio Lower Upper

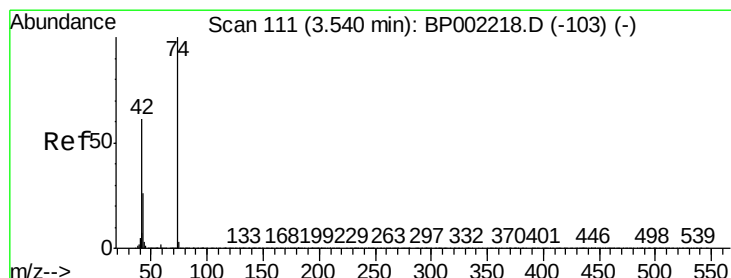
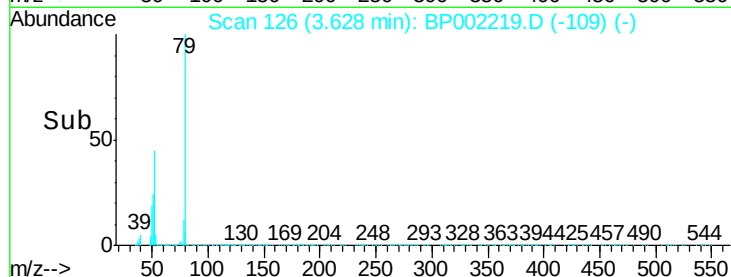
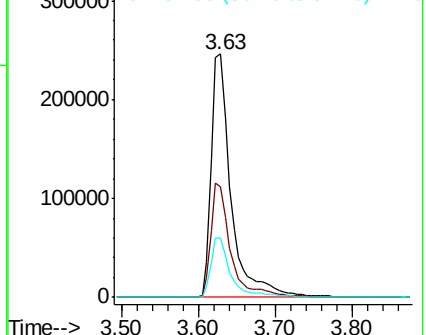
79 100

52 45.3 38.1 57.1

51 24.1 19.5 29.3



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 32.066 ng

RT: 3.54 min Scan# 111

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

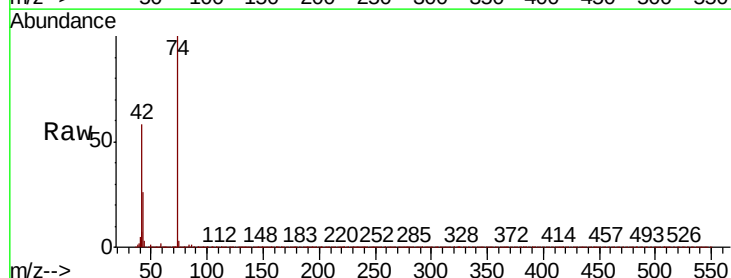
Tgt Ion: 42 Resp: 111017

Ion Ratio Lower Upper

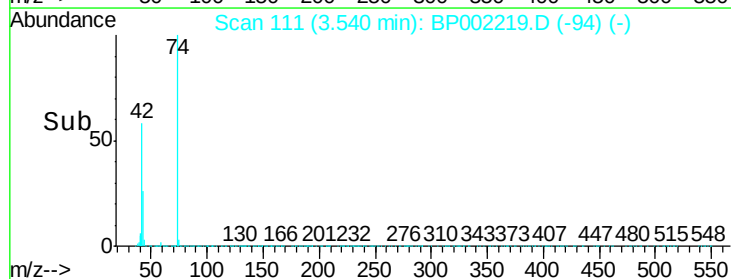
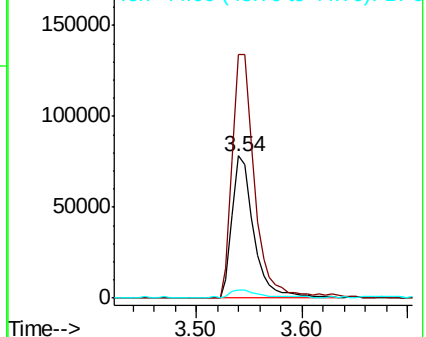
42 100

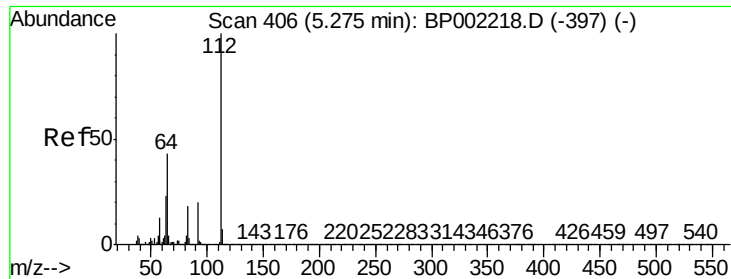
74 171.4 131.9 197.9

44 5.7 4.8 7.2



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 99.412 ng

RT: 5.28 min Scan# 406

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

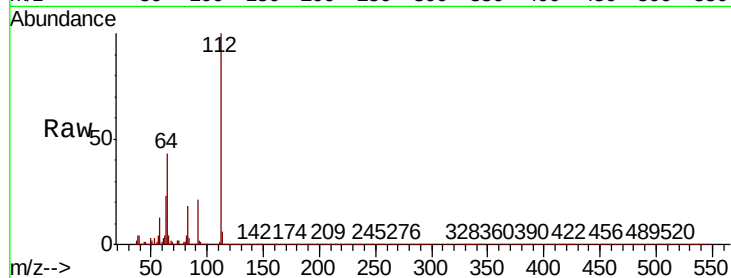
Tot Ion:112 Resp: 769224

Ion Ratio Lower Upper

112 100

64 42.7 34.2 51.4

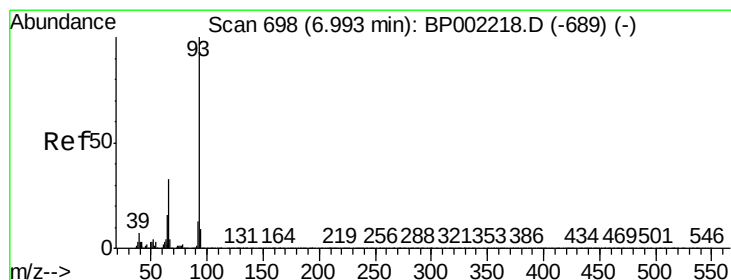
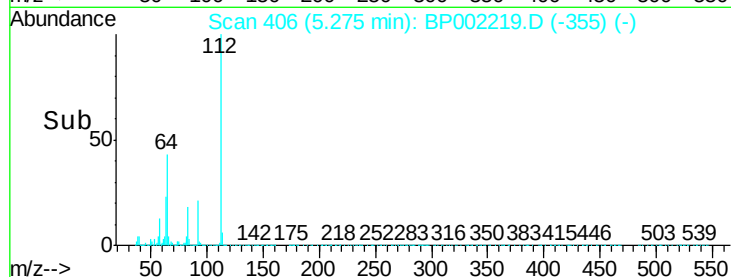
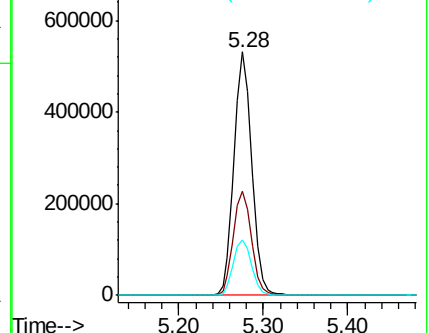
63 23.0 18.6 27.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 49.816 ng

RT: 6.99 min Scan# 698

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

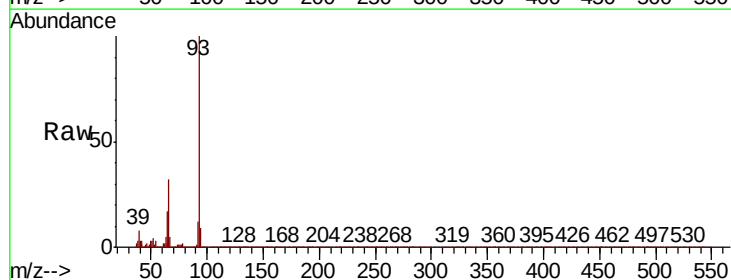
Tgt Ion: 93 Resp: 618207

Ion Ratio Lower Upper

93 100

66 31.9 26.2 39.2

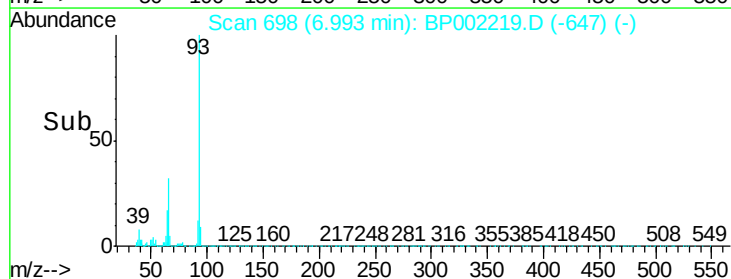
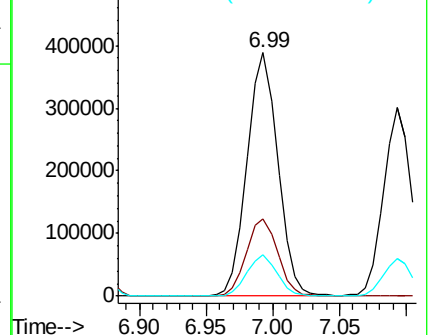
65 16.9 13.0 19.4

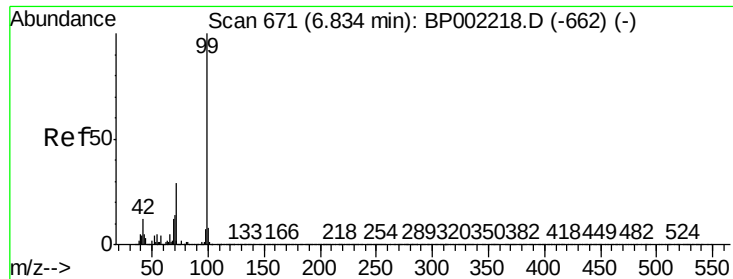


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 97.728 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

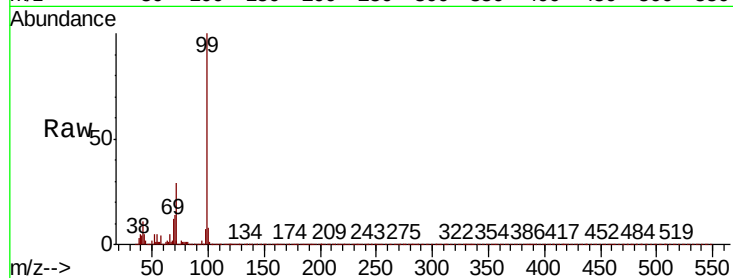
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 986263

Ion	Ratio	Lower	Upper
99	100		
42	11.4	9.2	13.8
71	29.0	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

800000

600000

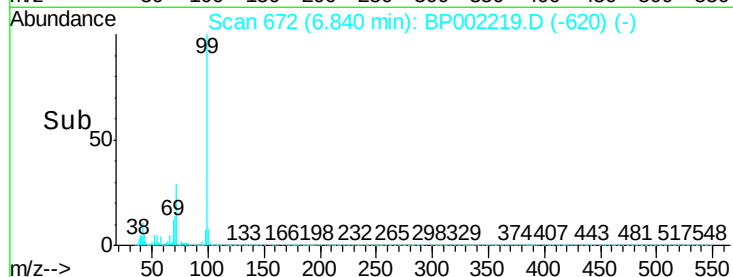
400000

200000

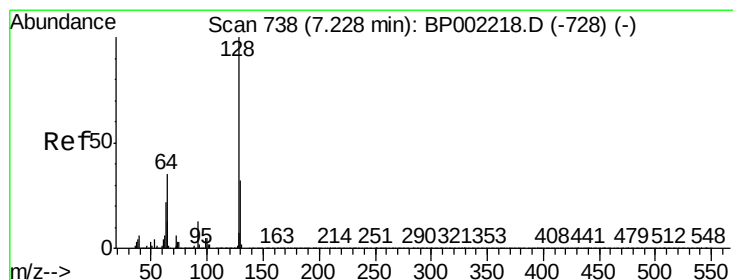
0

6.84

Time-->



Time-->



#8

2-Chlorophenol

Concen: 54.274 ng

RT: 7.23 min Scan# 738

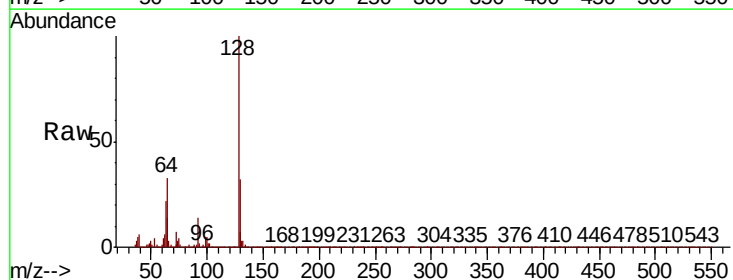
Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Tgt Ion: 128 Resp: 460486

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.1	52.1
64	32.8	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

400000

300000

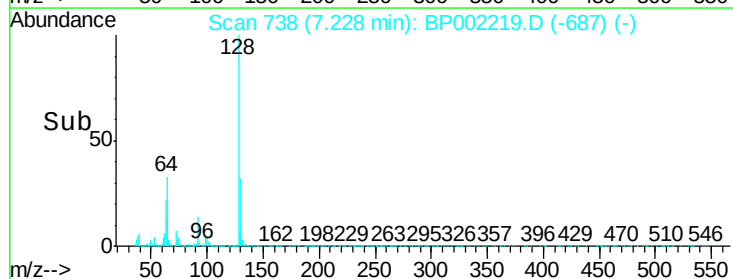
200000

100000

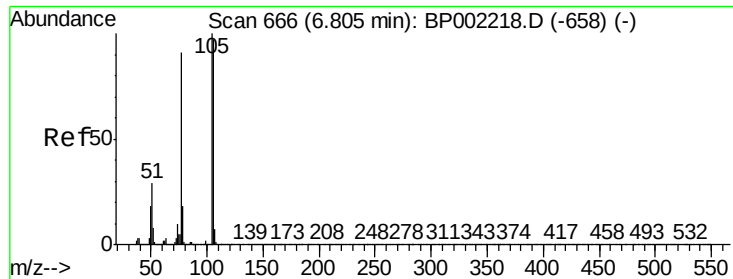
0

7.23

Time-->



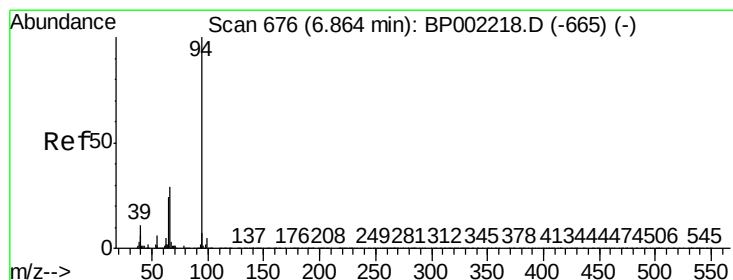
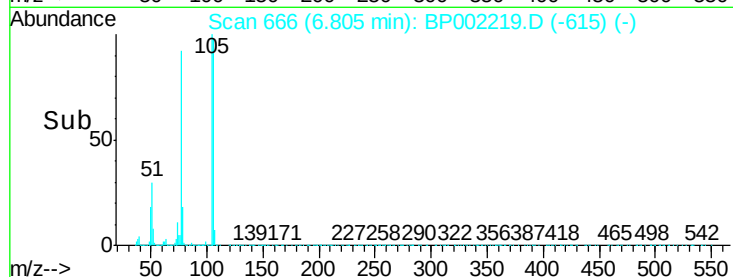
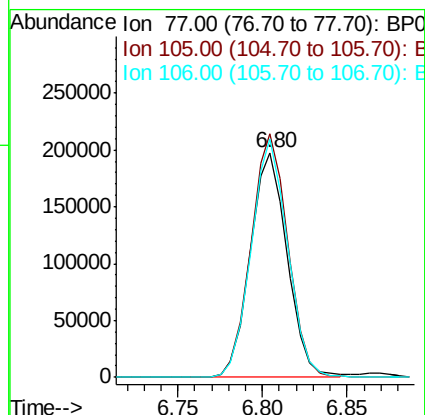
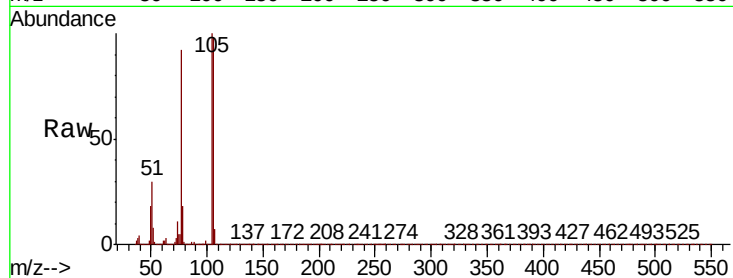
Time-->



#9
Benzaldehyde
Concen: 54.979 ng
RT: 6.80 min Scan# 666
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

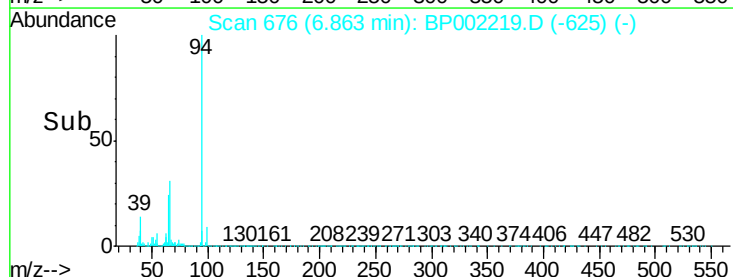
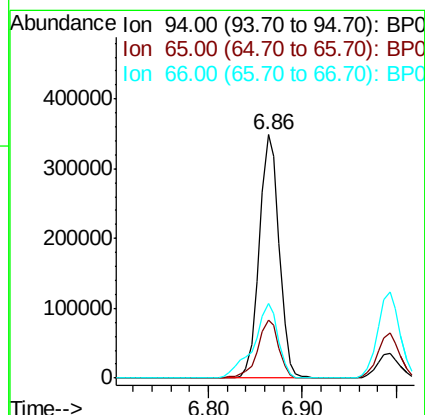
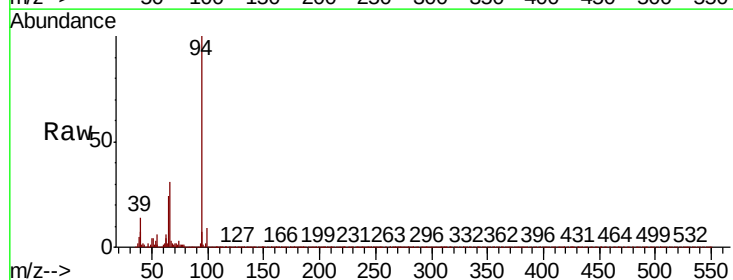
Instrument :
BNA_P
ClientSampled :

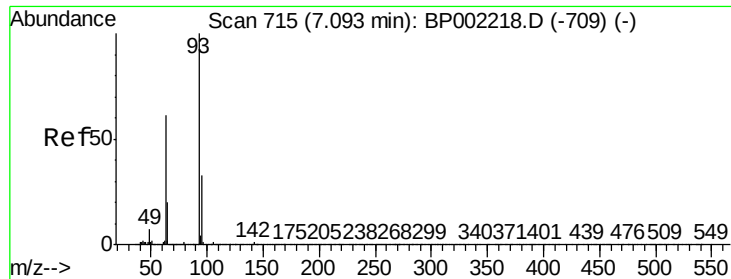
Tot Ion: 77 Resp: 300749
Ion Ratio Lower Upper
77 100
105 108.2 89.3 129.3
106 105.7 86.1 126.1



#10
Phenol
Concen: 49.479 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion: 94 Resp: 508820
Ion Ratio Lower Upper
94 100
65 23.9 4.3 44.3
66 30.6 9.5 49.5

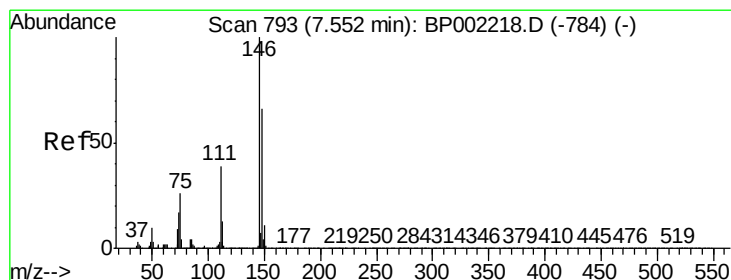
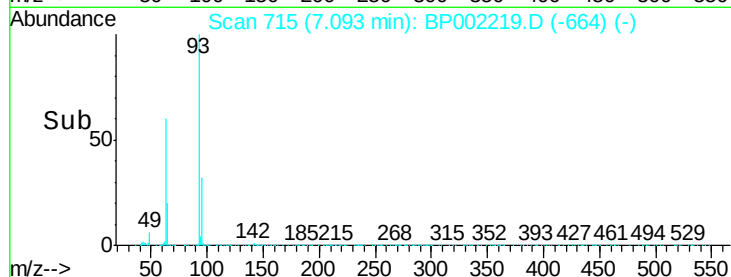
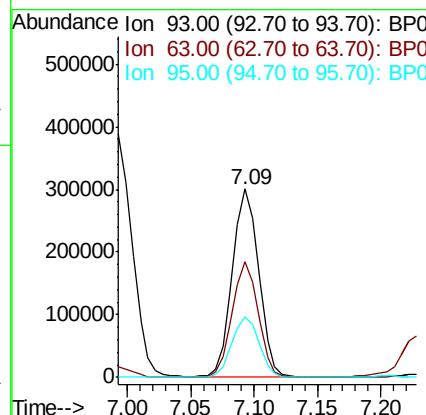
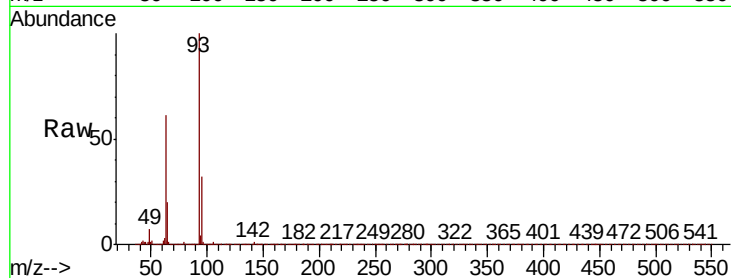




#11
bis(2-Chloroethyl)ether
Concen: 52.406 ng
RT: 7.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

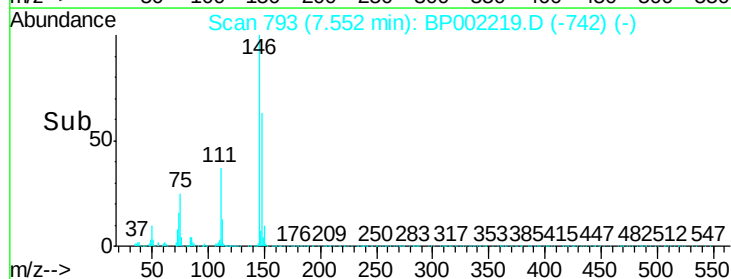
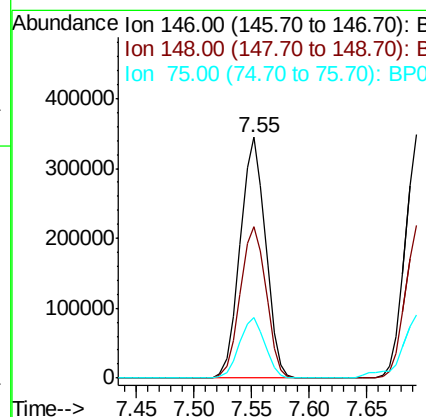
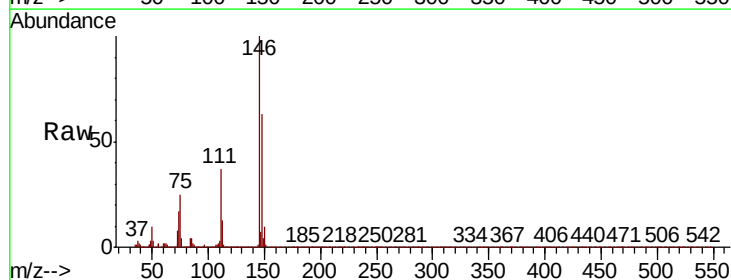
Instrument :
BNA_P
ClientSampled :

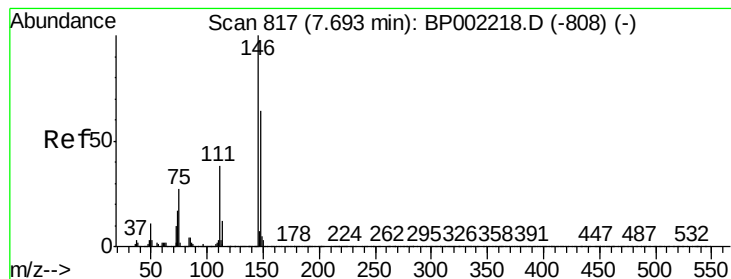
Tot Ion	Ratio	Lower	Upper
93	100		
63	61.2	40.3	80.3
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 50.873 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.8	79.2
75	25.2	21.1	31.7





#13

1,4-Dichlorobenzene

Concen: 51.086 ng

RT: 7.69 min Scan# 817

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

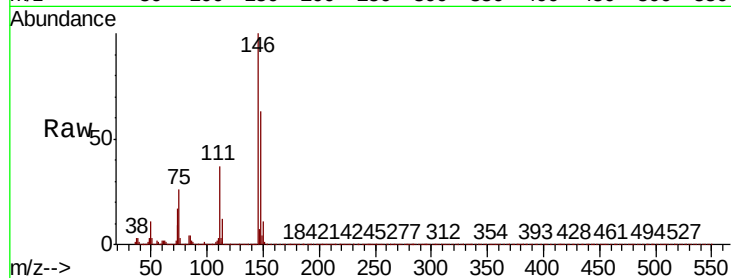
Tot Ion:146 Resp: 530878

Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.6

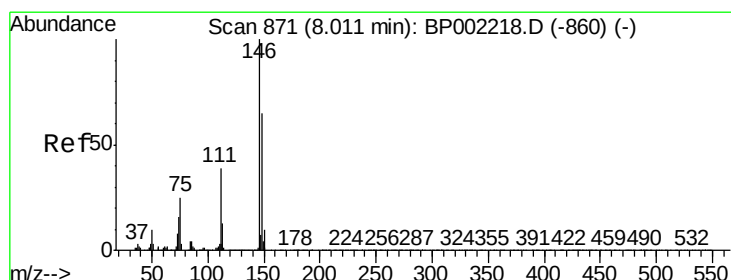
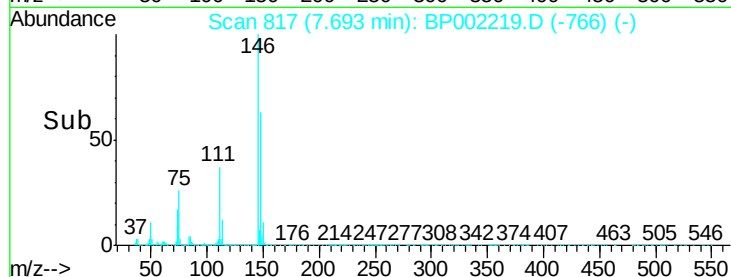
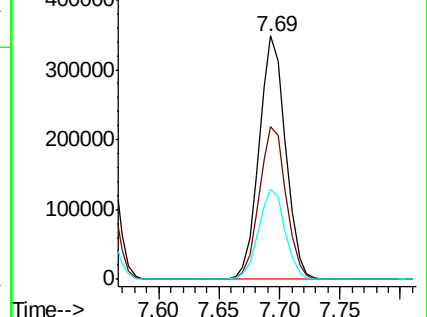
111 36.8 30.2 45.2



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: 51.893 ng

RT: 8.01 min Scan# 871

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

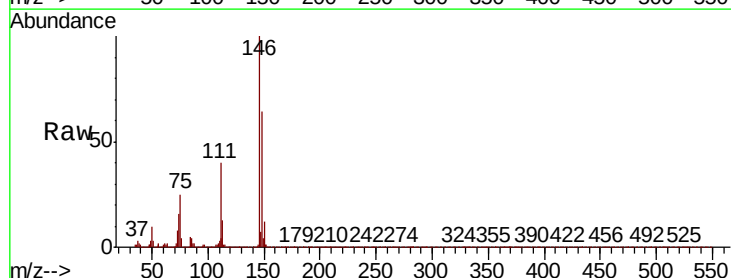
Tgt Ion:146 Resp: 512804

Ion Ratio Lower Upper

146 100

148 64.0 51.7 77.5

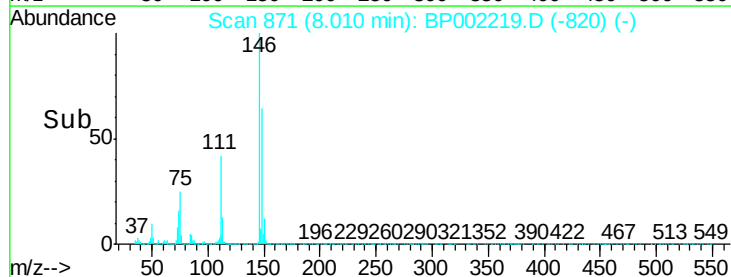
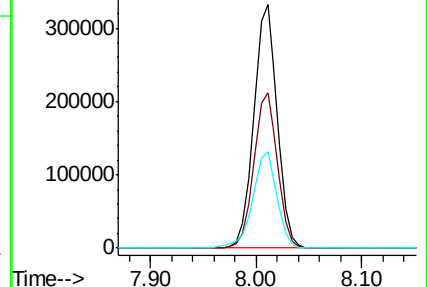
111 39.7 31.0 46.6

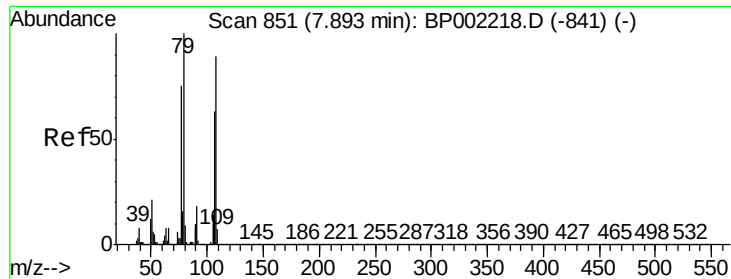


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.496 ng

RT: 7.89 min Scan# 851

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

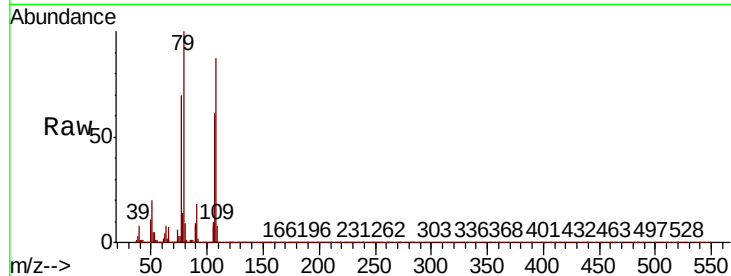
Tot Ion: 79 Resp: 297310

Ion Ratio Lower Upper

79 100

108 86.8 71.0 106.4

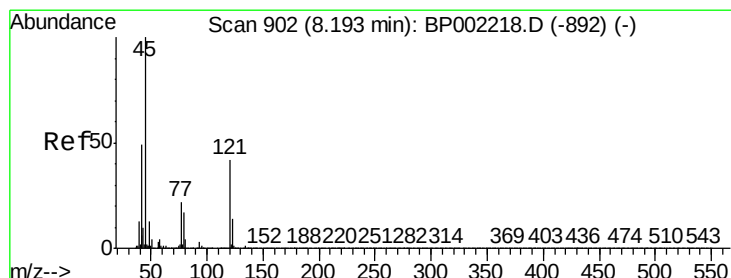
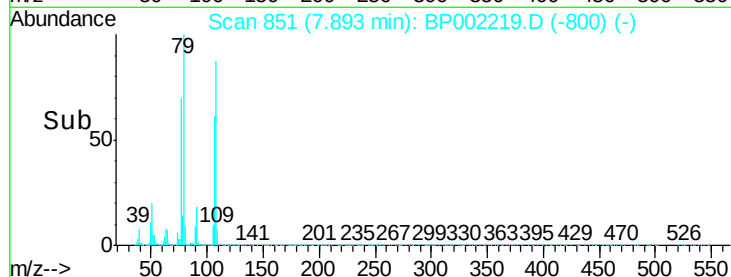
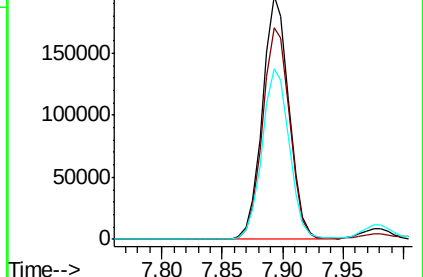
77 70.1 59.8 89.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.740 ng

RT: 8.20 min Scan# 903

Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

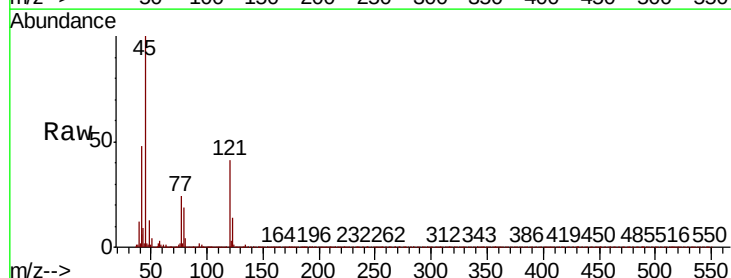
Tgt Ion: 45 Resp: 337663

Ion Ratio Lower Upper

45 100

77 23.6 3.1 43.1

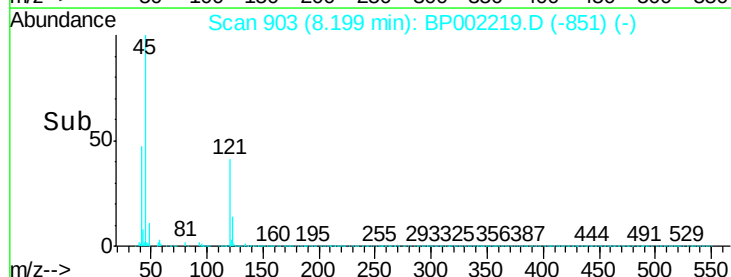
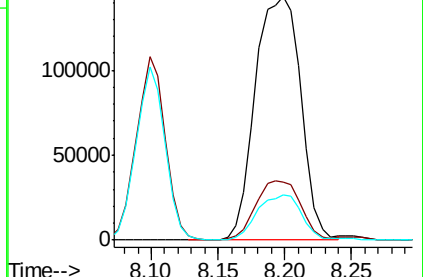
79 18.7 0.0 37.5

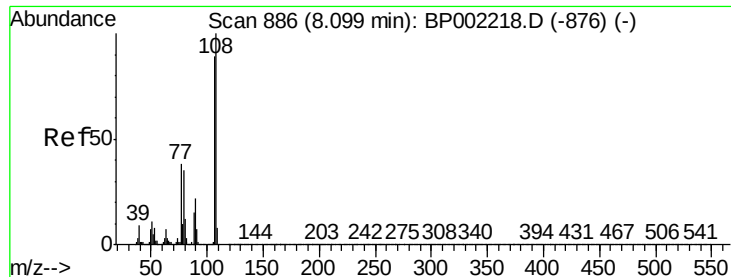


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

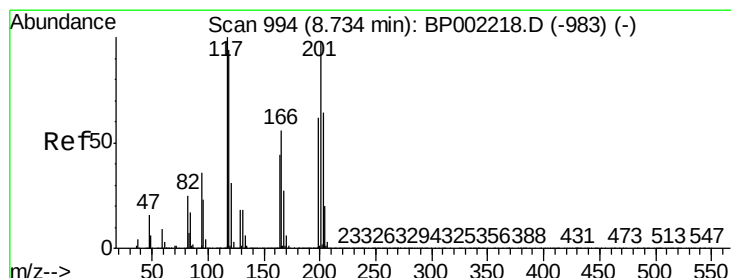
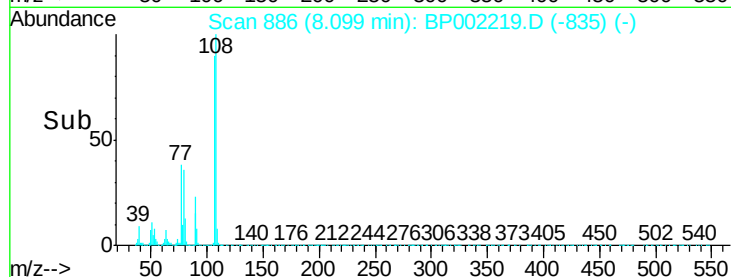
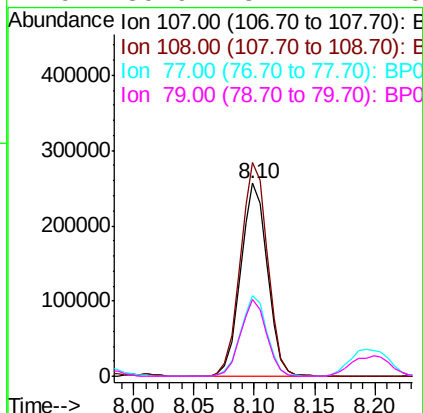
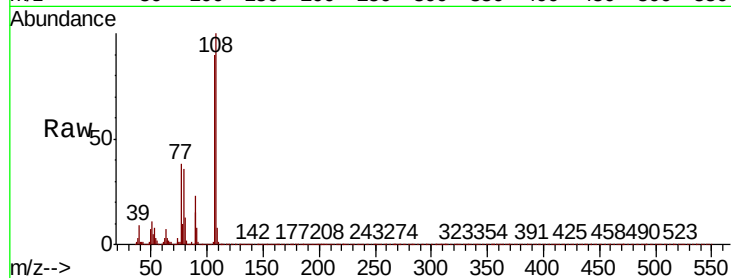




#17
2-Methylphenol
Concen: 57.909 ng
RT: 8.10 min Scan# 886
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

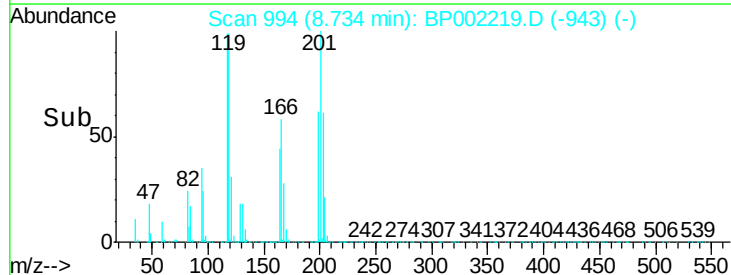
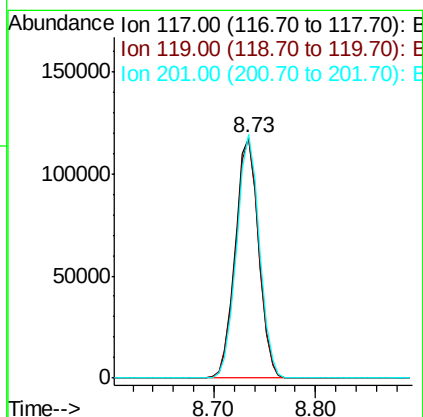
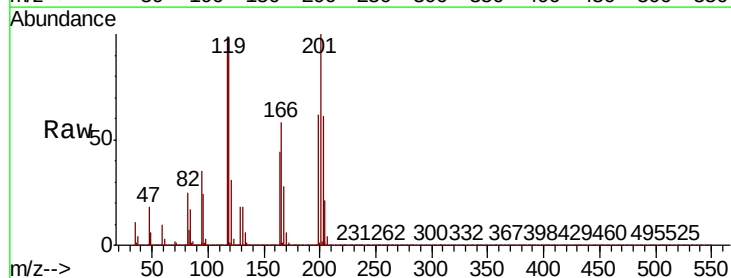
Instrument :
BNA_P
ClientSampleId :

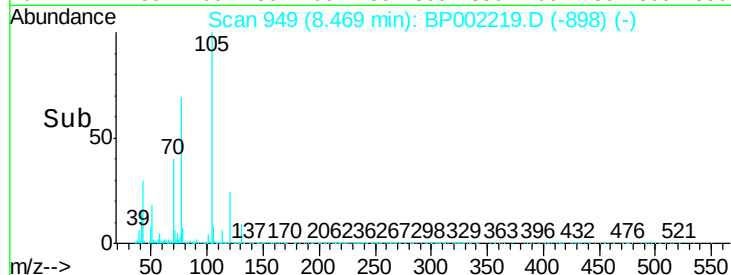
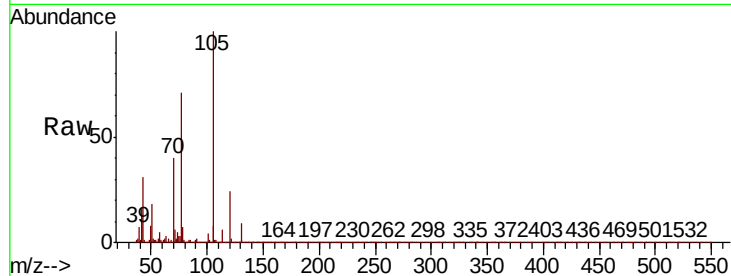
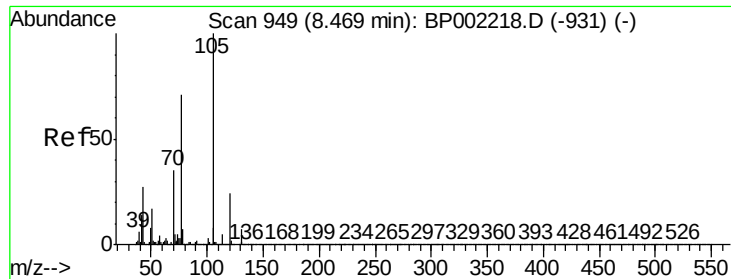
Tot Ion:	107	Resp:	396419
Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.4	134.2
77	42.0	33.8	50.8
79	39.9	31.4	47.0



#18
Hexachloroethane
Concen: 52.037 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:	117	Resp:	188228
Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.6	113.4
201	101.4	78.2	117.2

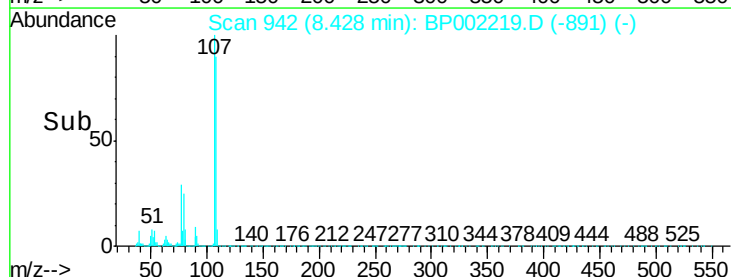
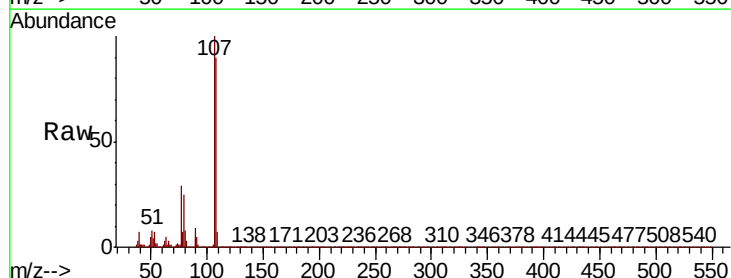
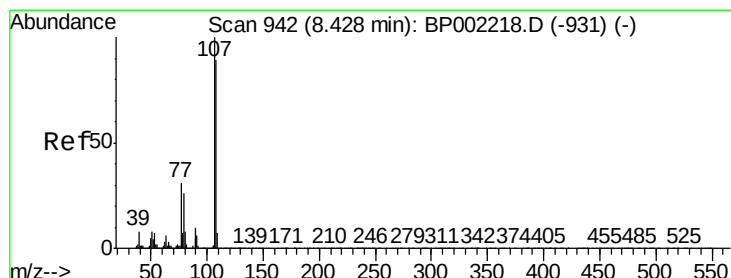
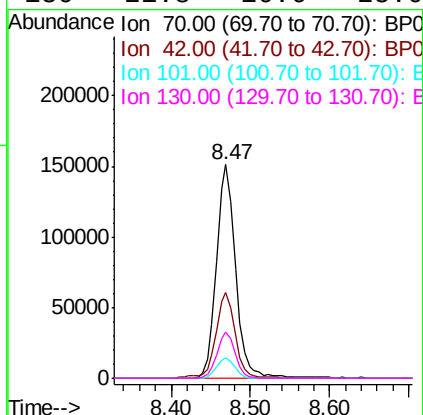




#19
n-Nitroso-di-n-propylamine
Concen: 41.086 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

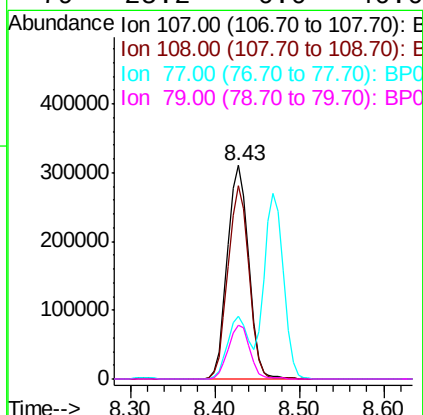
Instrument :
BNA_P
ClientSampleId :

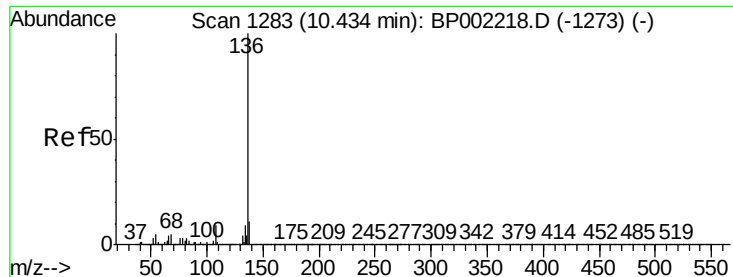
Tot Ion:	70	Resp:	252091
Ion	Ratio	Lower	Upper
70	100		
42	40.2	31.9	47.9
101	9.8	8.1	12.1
130	21.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 58.942 ng
RT: 8.43 min Scan# 942
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:	107	Resp:	538182
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.8	108.8
77	29.2	10.6	50.6
79	25.2	6.0	46.0

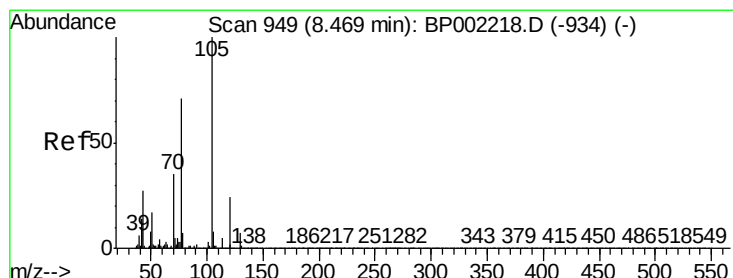
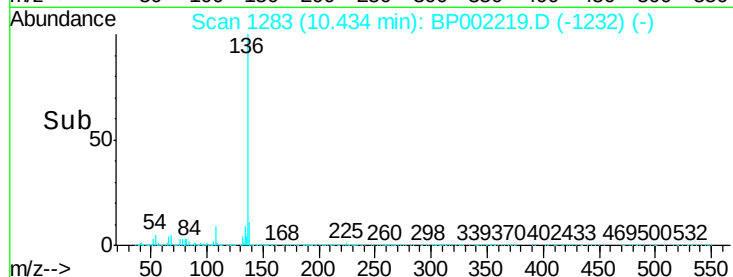
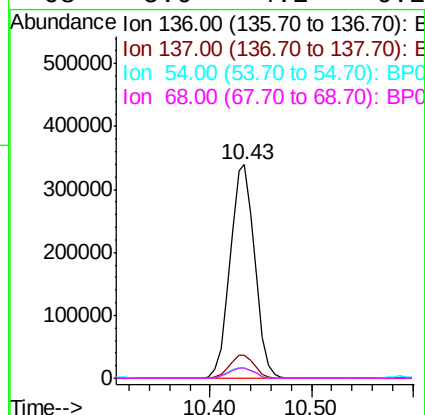
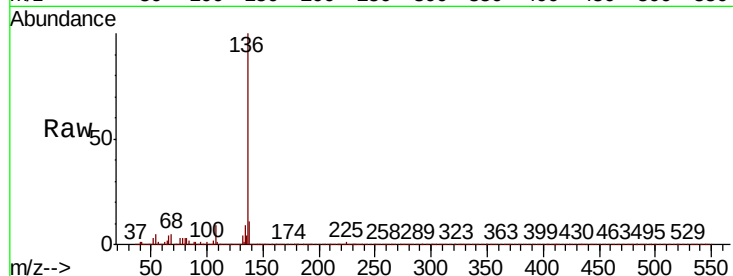




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

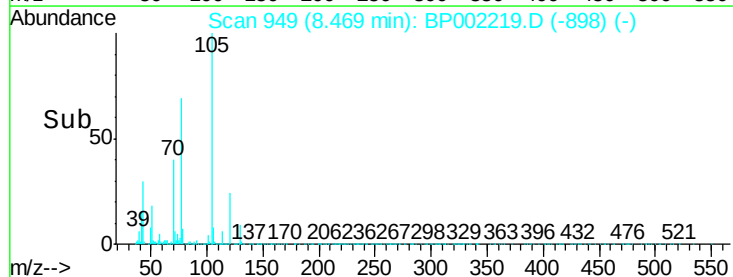
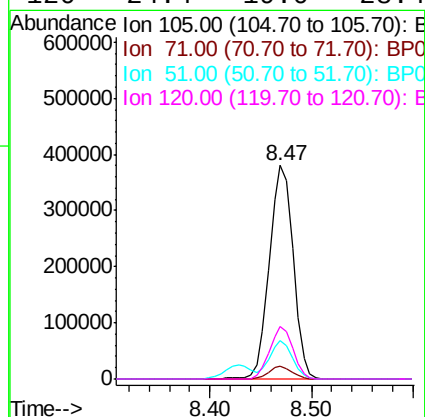
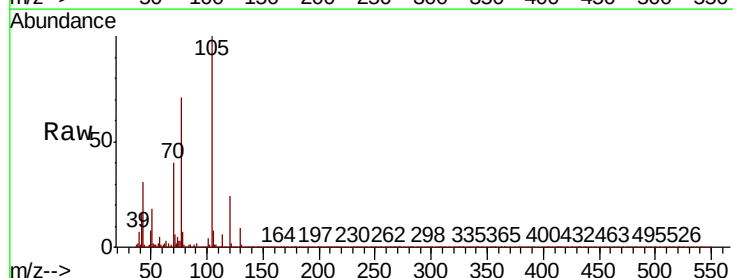
Instrument :
BNA_P
ClientSampled :

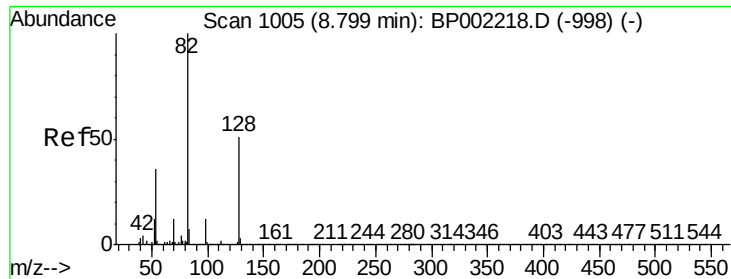
Tot Ion:136	Resp: 566894
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 4.9	3.8 5.8
68 5.0	4.2 6.2



#22
Acetophenone
Concen: 45.042 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt	Ion:105	Resp:	625406
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.1	6.1
51	17.9	13.6	20.4
120	24.4	19.0	28.4

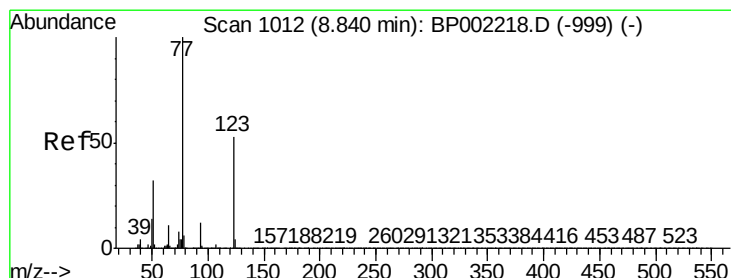
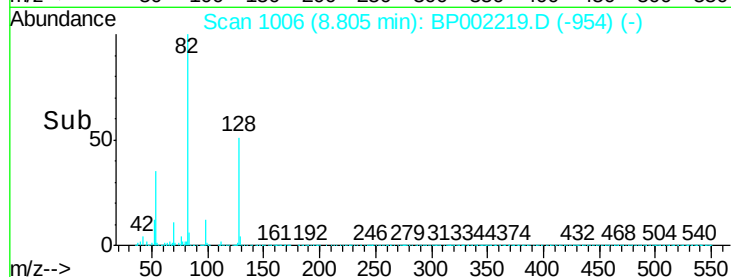
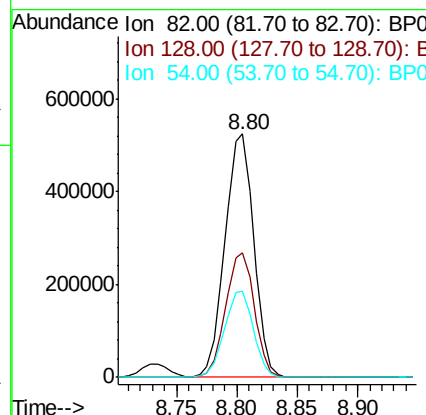
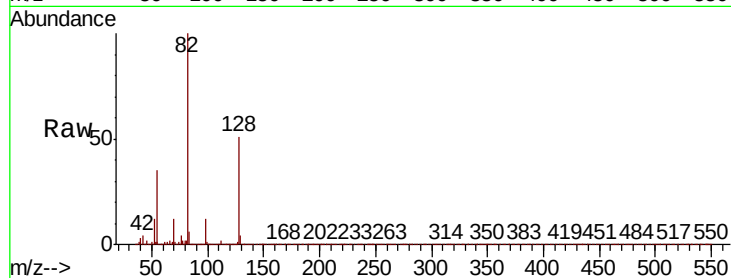




#23
Nitrobenzene-d5
Concen: 93.494 ng
RT: 8.80 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

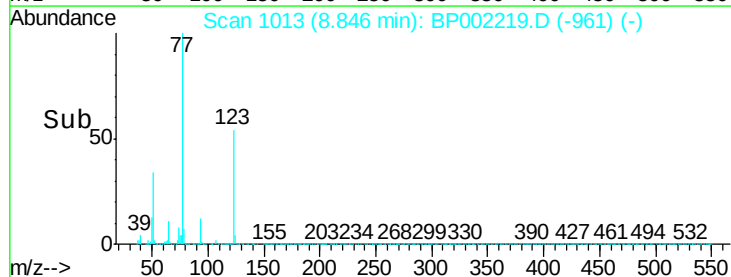
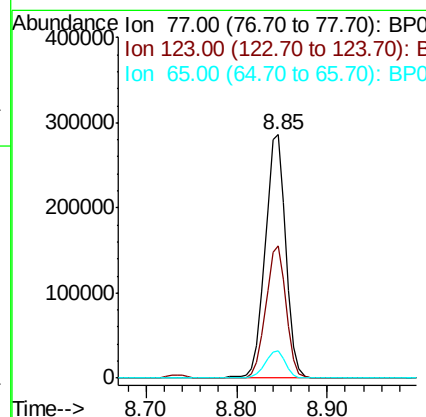
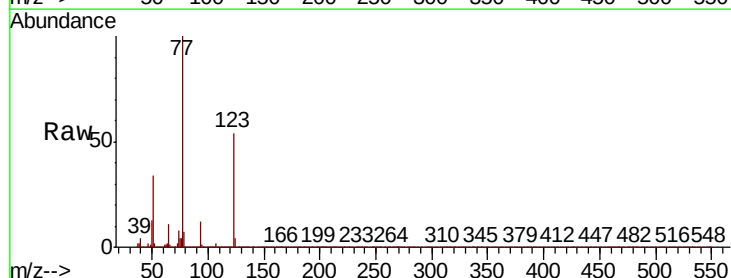
Instrument :
BNA_P
ClientSampleId :

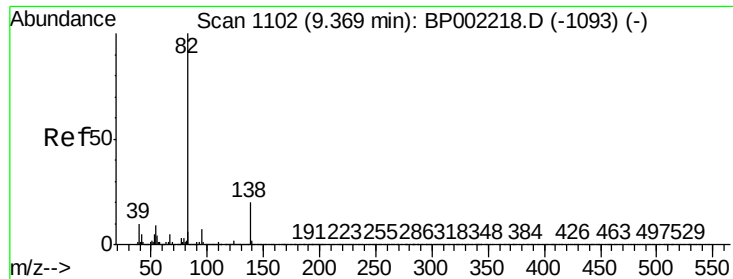
Tot Ion: 82 Resp: 867022
Ion Ratio Lower Upper
82 100
128 51.3 40.3 60.5
54 35.2 28.6 42.8



#24
Nitrobenzene
Concen: 47.994 ng
RT: 8.85 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion: 77 Resp: 453561
Ion Ratio Lower Upper
77 100
123 54.1 42.6 64.0
65 11.1 9.1 13.7





#25

Isophorone

Concen: 51.810 ng

RT: 9.37 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

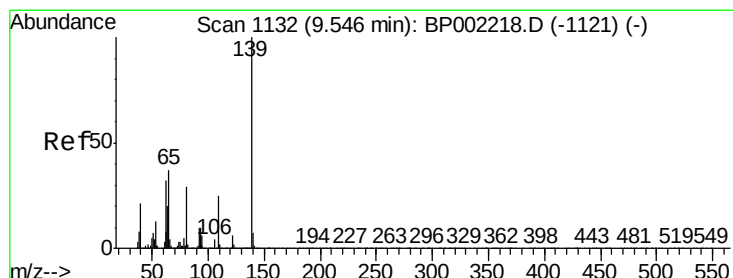
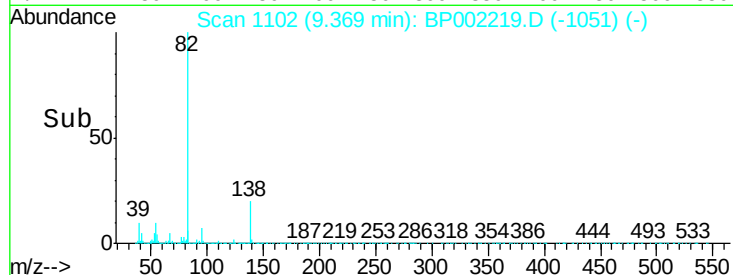
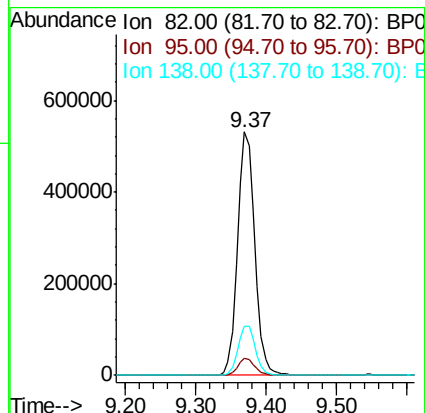
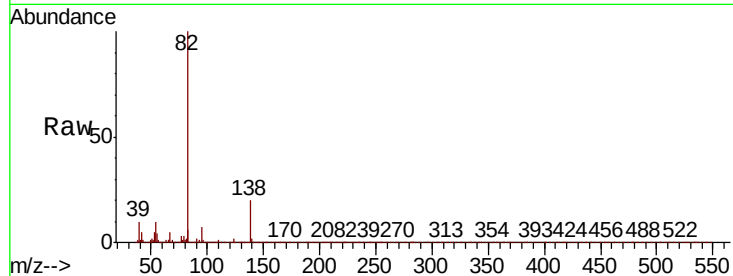
Tot Ion: 82 Resp: 898109

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 20.2 16.0 24.0



#26

2-Nitrophenol

Concen: 61.593 ng

RT: 9.55 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

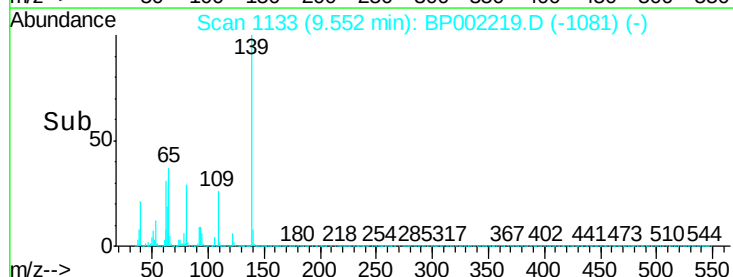
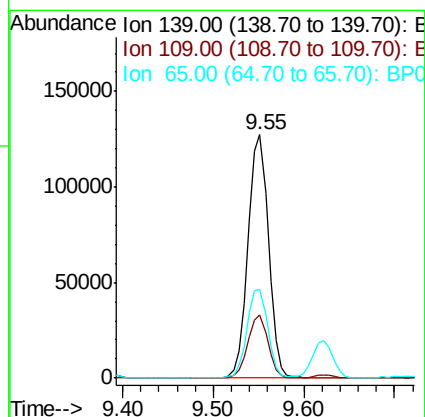
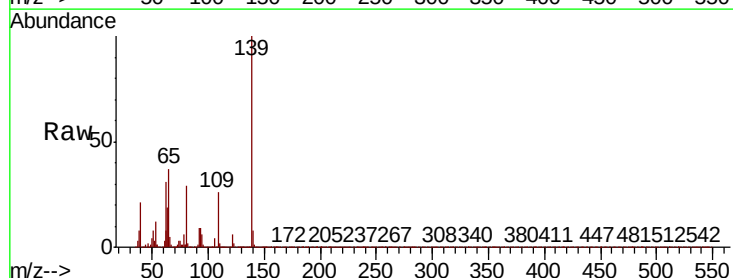
Tgt Ion: 139 Resp: 200115

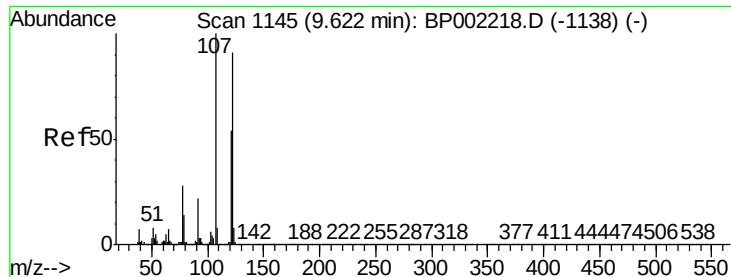
Ion Ratio Lower Upper

139 100

109 25.7 20.0 30.0

65 36.6 30.0 45.0





#27

2,4-Dimethylphenol

Concen: 56.224 ng

RT: 9.62 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

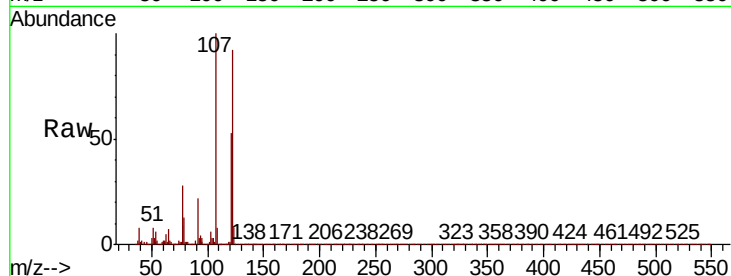
Tot Ion:122 Resp: 386893

Ion Ratio Lower Upper

122 100

107 108.7 87.8 131.8

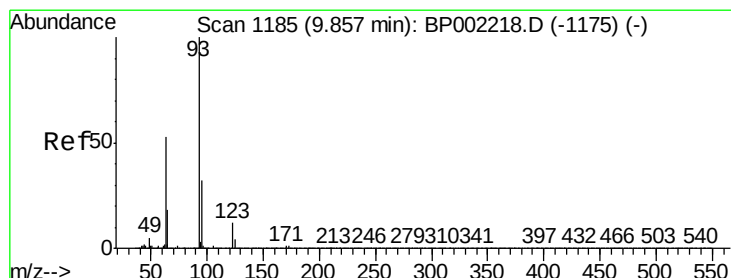
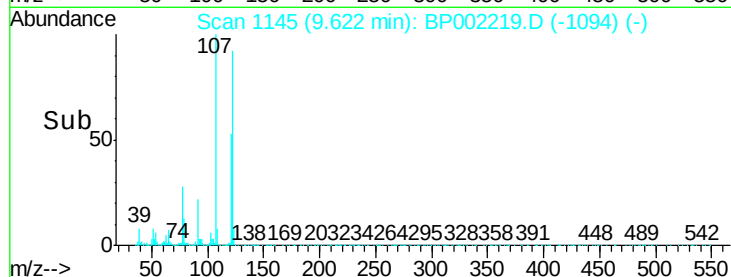
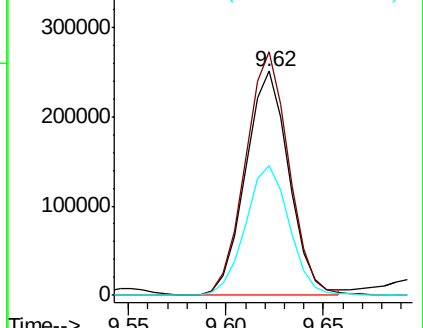
121 57.7 47.8 71.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.212 ng

RT: 9.86 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

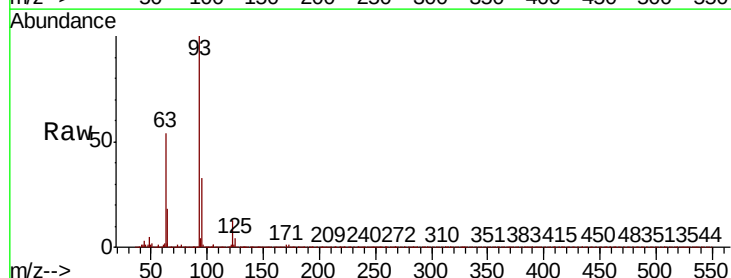
Tgt Ion: 93 Resp: 544683

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

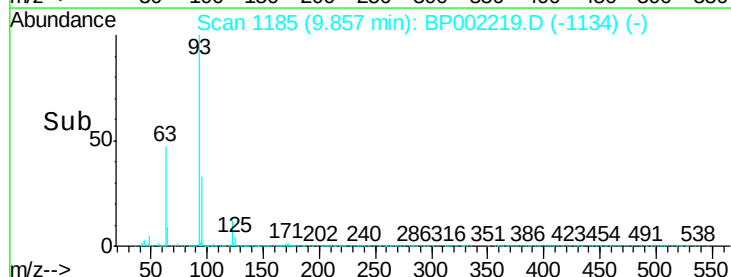
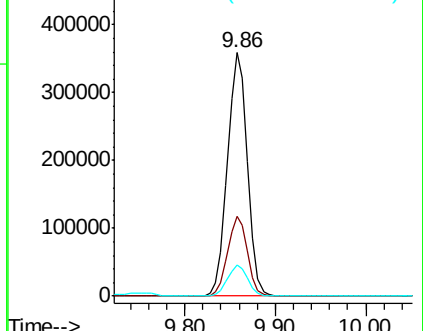
123 12.5 9.8 14.8

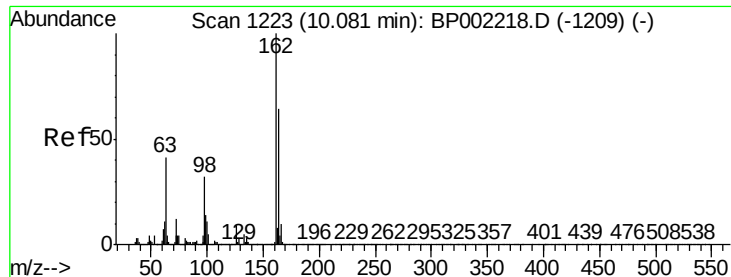


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

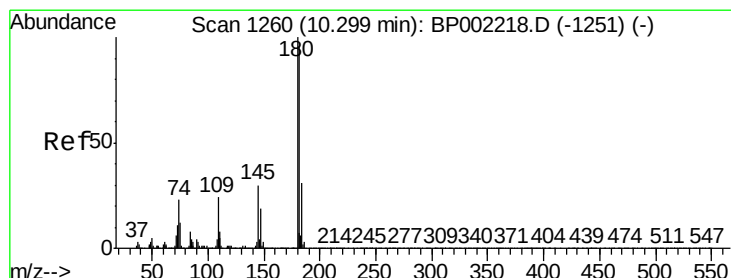
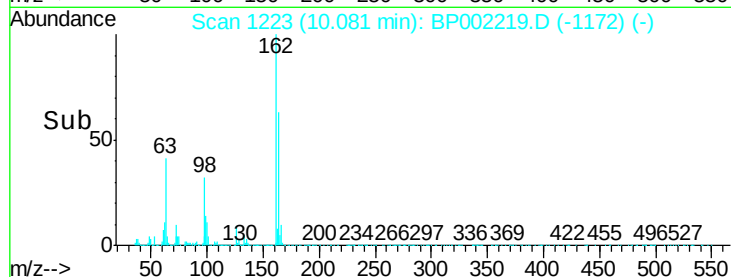
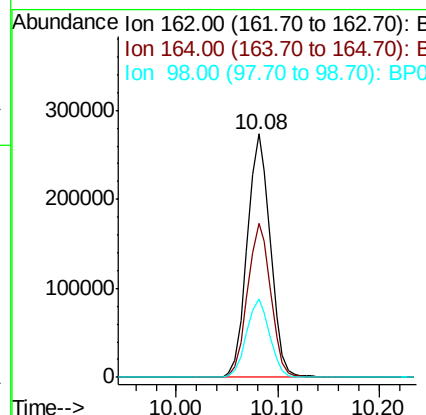
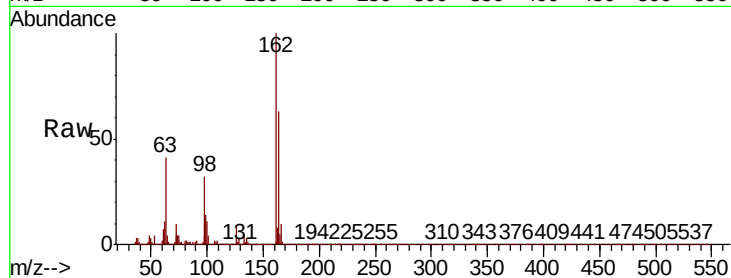




#29
 2,4-Dichlorophenol
 Concen: 54.076 ng
 RT: 10.08 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

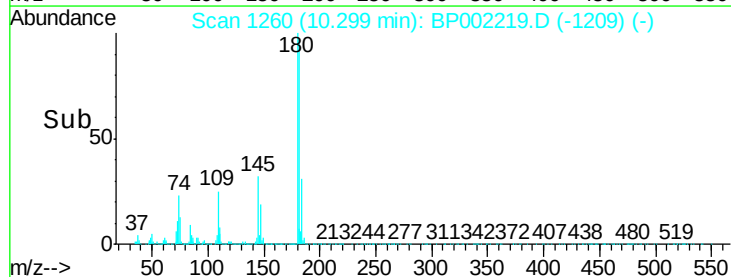
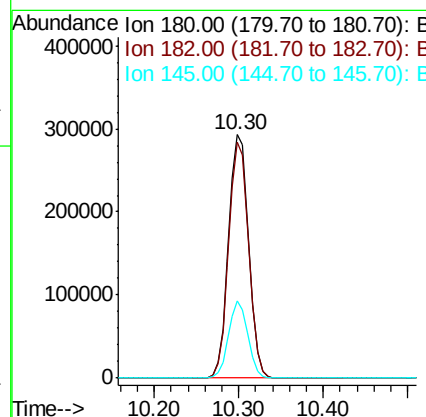
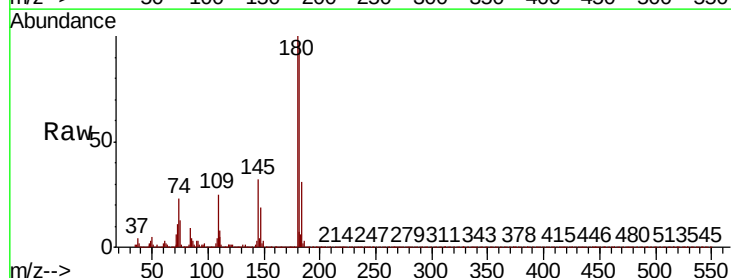
Instrument :
 BNA_P
 ClientSampleId :

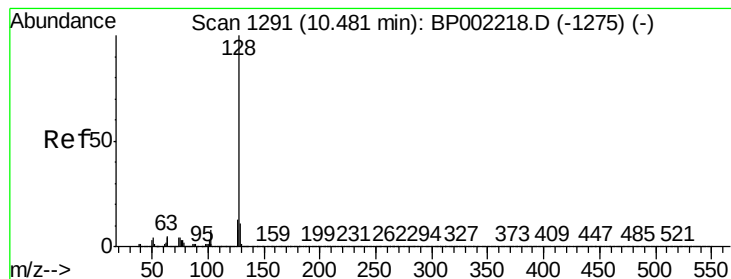
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.1	84.1
98	32.5	12.3	52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 48.592 ng
 RT: 10.30 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.8	115.2
145	31.5	23.8	35.6





#31

Naphthalene

Concen: 52.293 ng

RT: 10.48 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

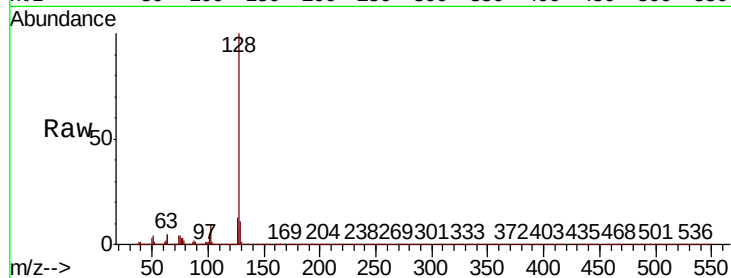
Instrument :

BNA_P

ClientSampleId :

Tot Ion:128 Resp: 1511849

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.1	10.6	15.8

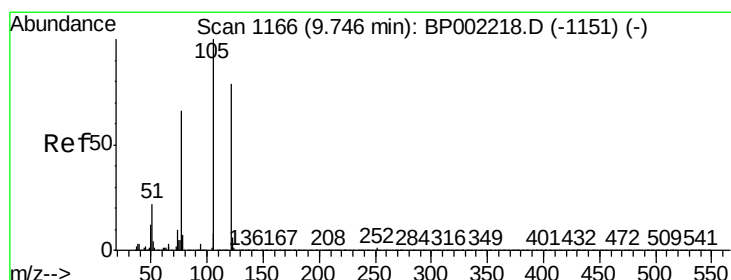
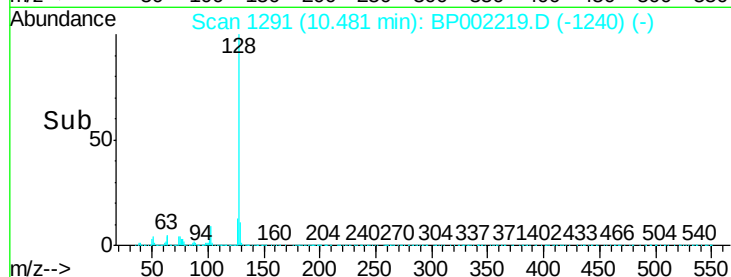
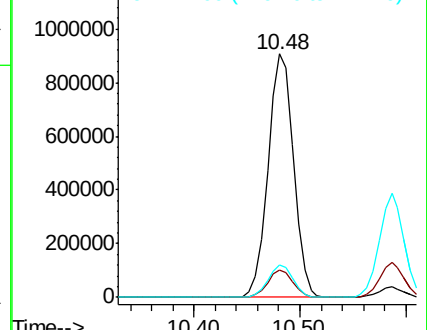


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 59.863 ng

RT: 9.76 min Scan# 1169

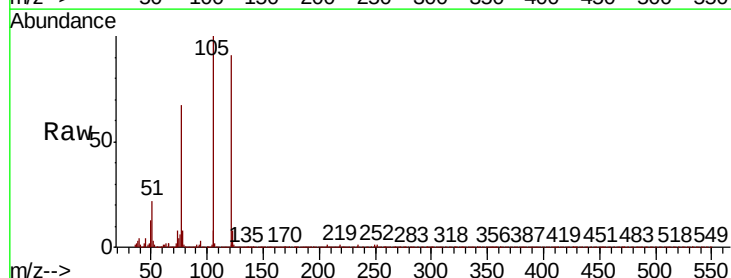
Delta R.T. 0.02 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Tgt Ion:122 Resp: 199147

Ion	Ratio	Lower	Upper
122	100		
105	110.2	98.8	138.8
77	74.3	61.4	101.4

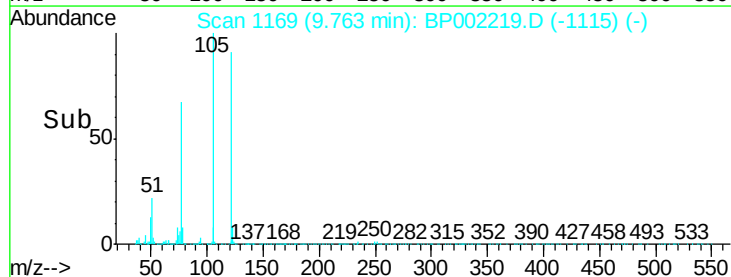
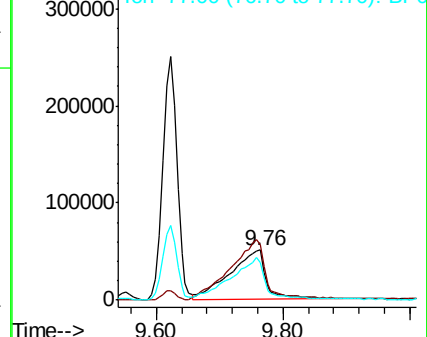


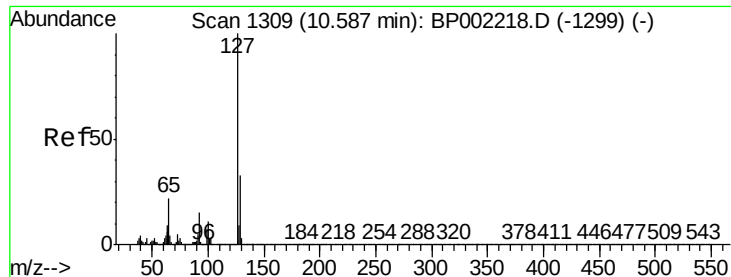
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

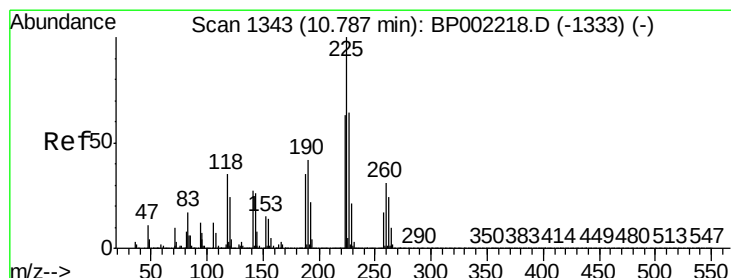
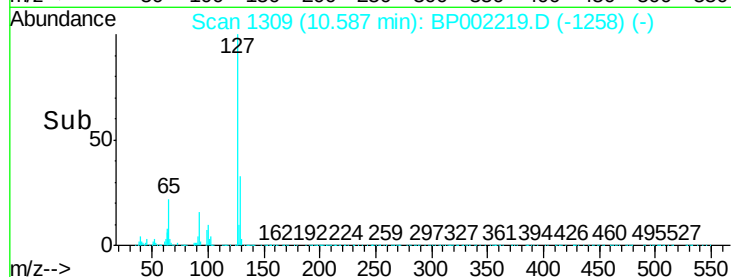
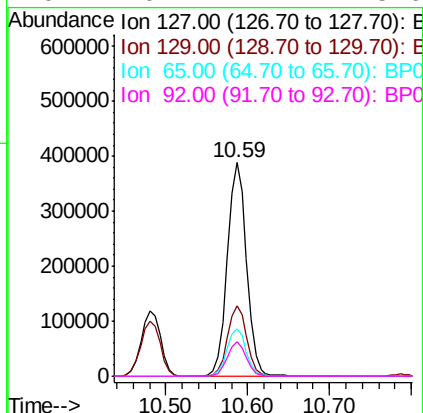
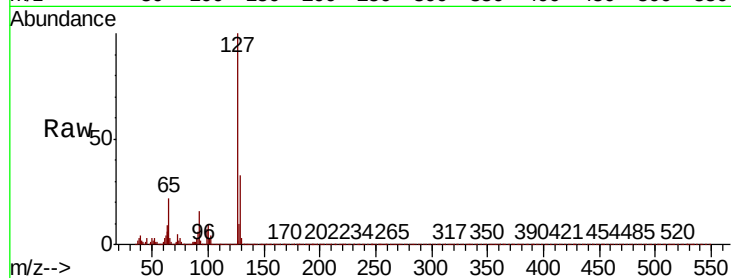




#33
4-Chloroaniline
Concen: 51.247 ng
RT: 10.59 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

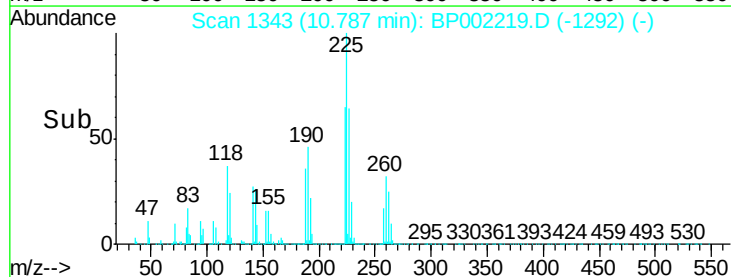
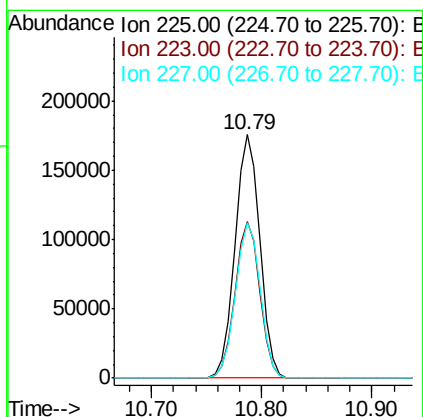
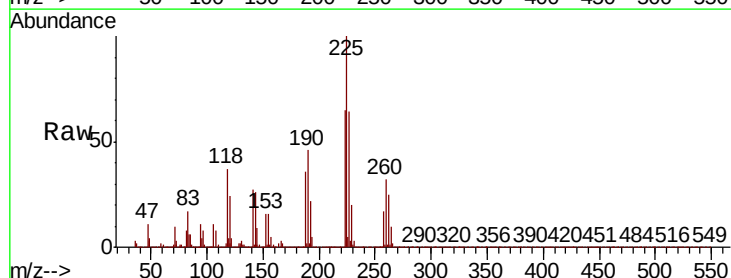
Instrument :
BNA_P
ClientSampleId :

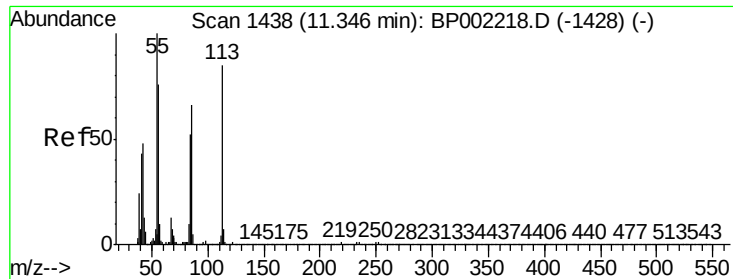
Tot Ion:	127	Resp:	632507
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	22.2	17.8	26.8
92	16.1	12.4	18.6



#34
Hexachlorobutadiene
Concen: 47.449 ng
RT: 10.79 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:	225	Resp:	277573
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	75.8
227	63.5	51.3	76.9

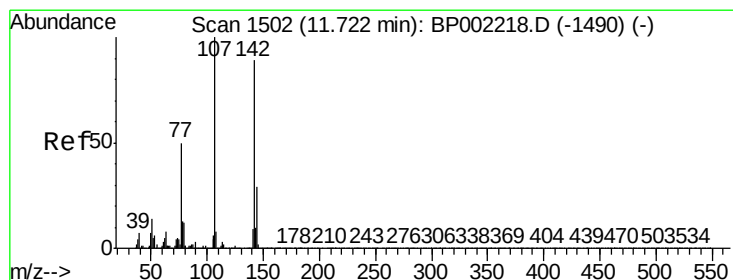
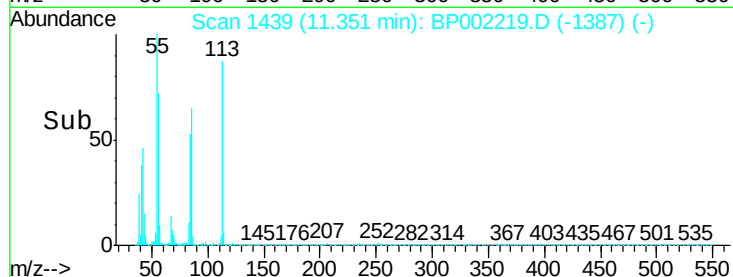
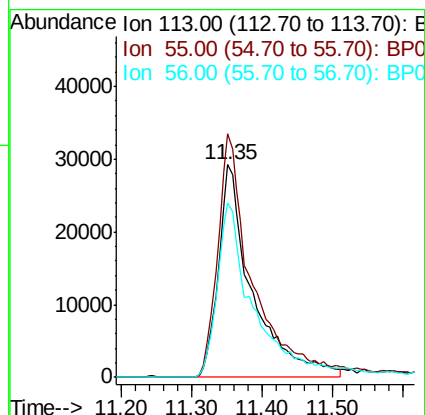
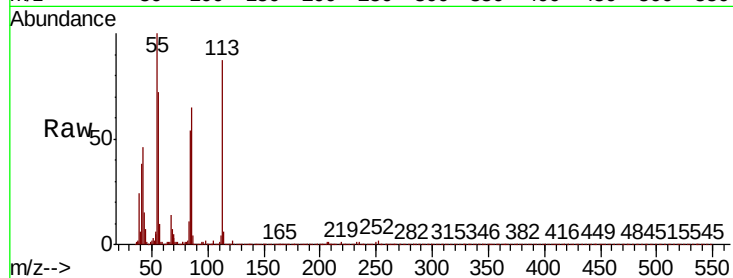




#35
Caprolactam
Concen: 39.937 ng
RT: 11.35 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

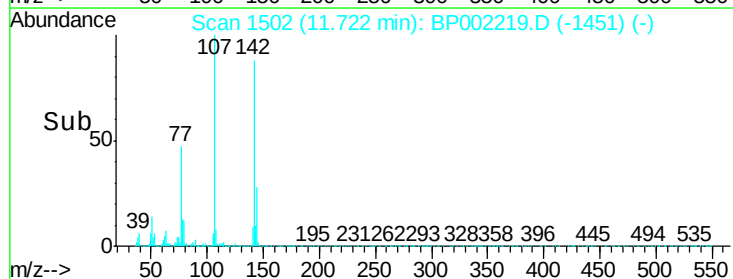
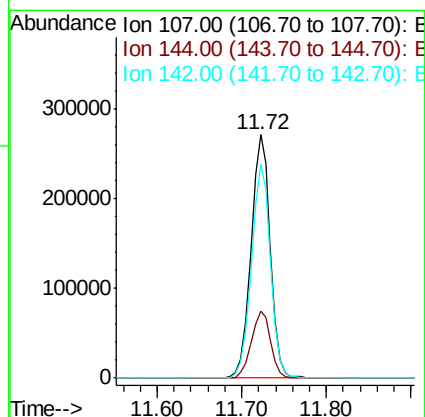
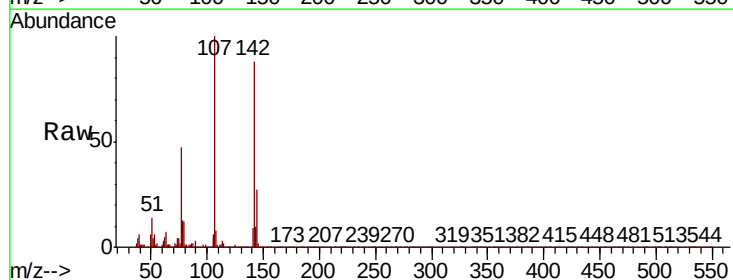
Instrument :
BNA_P
ClientSampleId :

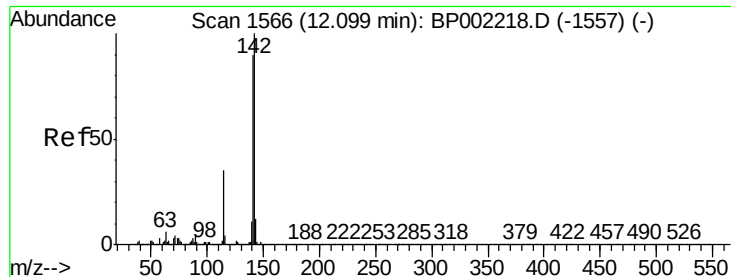
Tot Ion:113 Resp: 97287
Ion Ratio Lower Upper
113 100
55 114.4 97.5 137.5
56 82.0 68.7 108.7



#36
4-Chloro-3-methylphenol
Concen: 52.497 ng
RT: 11.72 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:107 Resp: 429666
Ion Ratio Lower Upper
107 100
144 27.5 23.0 34.6
142 88.0 70.9 106.3

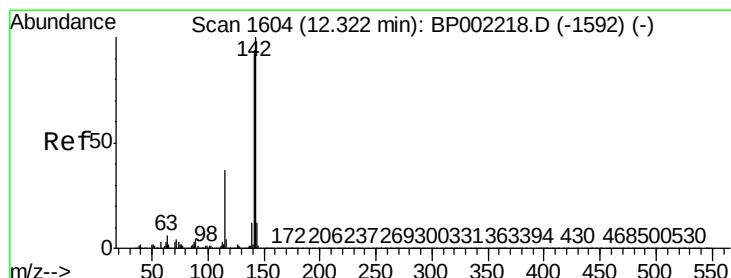
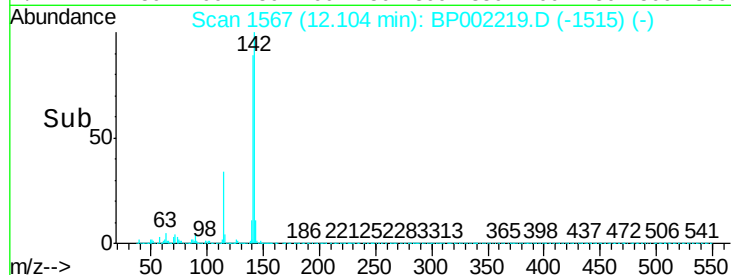
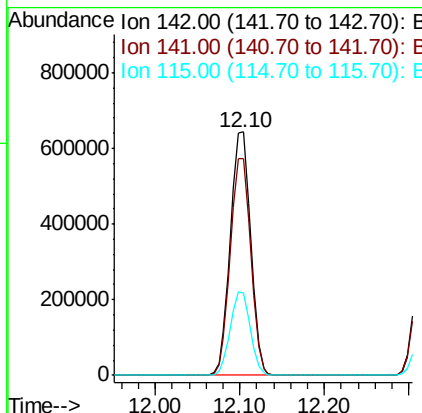
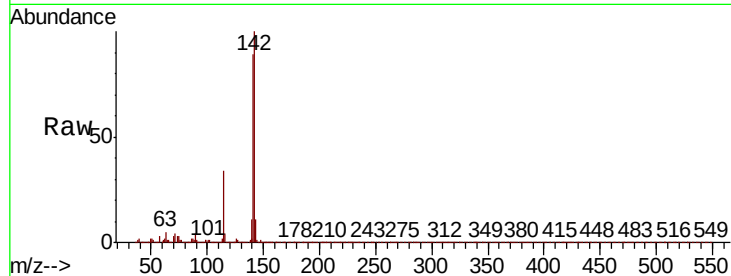




#37
2-Methylnaphthalene
Concen: 52.171 ng
RT: 12.10 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

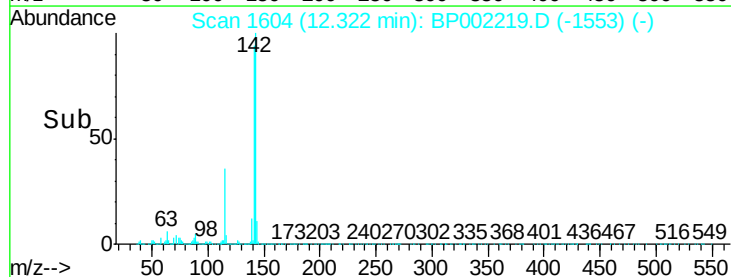
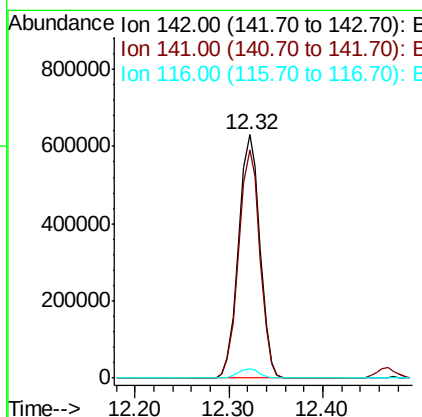
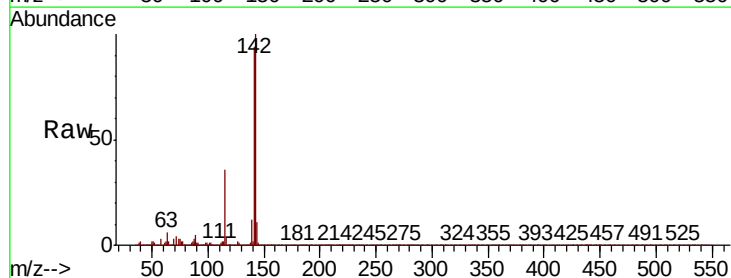
Instrument :
BNA_P
ClientSampleId :

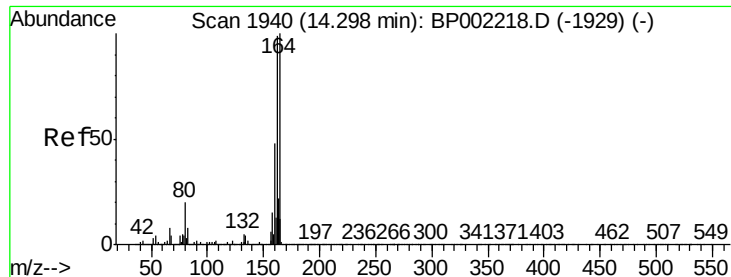
Tot Ion:142 Resp: 1056047
Ion Ratio Lower Upper
142 100
141 88.9 72.4 108.6
115 33.9 27.8 41.6



#38
1-Methylnaphthalene
Concen: 51.808 ng
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:142 Resp: 993532
Ion Ratio Lower Upper
142 100
141 93.9 74.9 112.3
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampled :

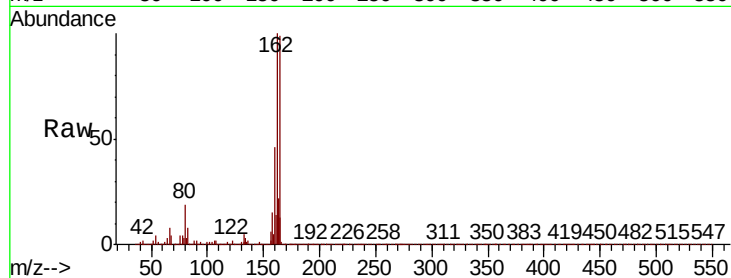
Tot Ion:164 Resp: 329503

Ion Ratio Lower Upper

164 100

162 100.7 79.0 118.6

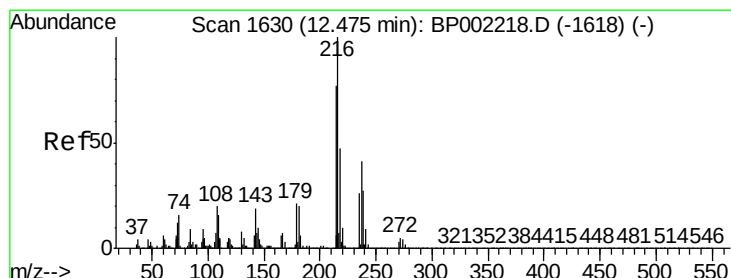
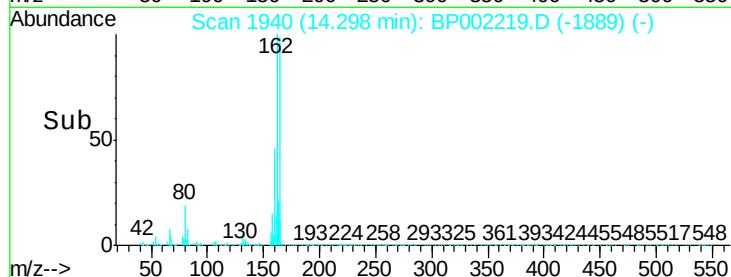
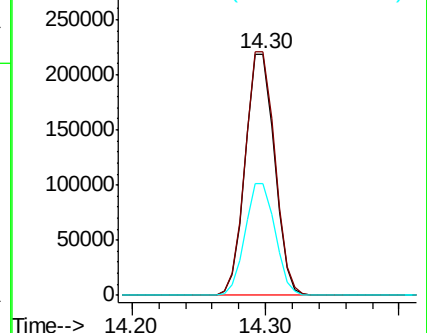
160 46.5 38.4 57.6



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: 47.273 ng

RT: 12.47 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Tgt Ion:216 Resp: 495564

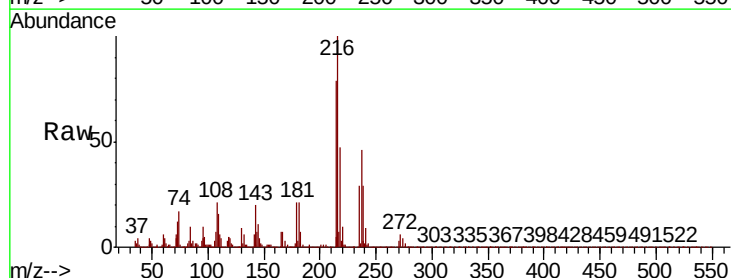
Ion Ratio Lower Upper

216 100

214 78.1 62.2 93.4

179 20.7 16.6 25.0

108 19.9 15.8 23.8

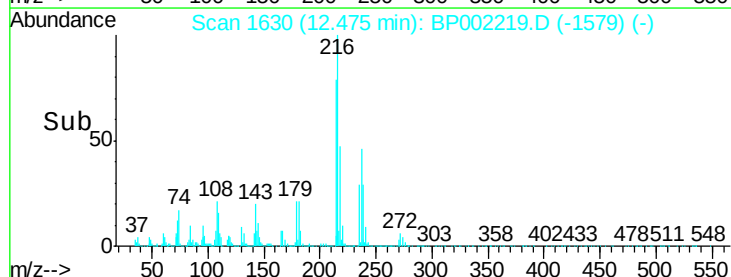
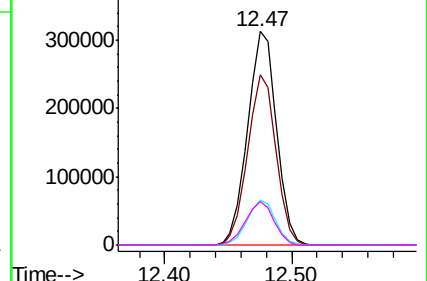


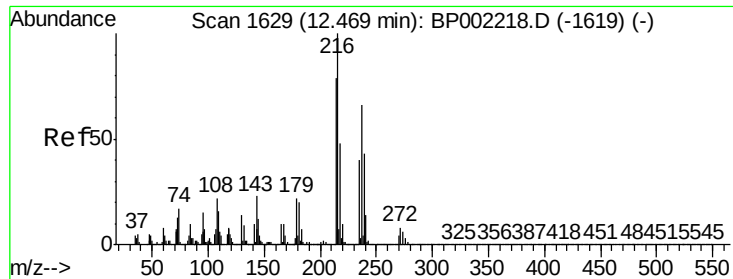
Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.980 ng

RT: 12.47 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampled :

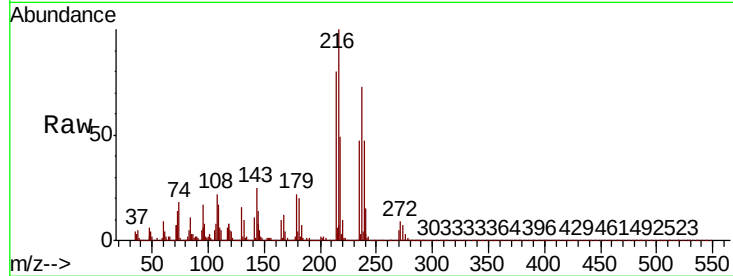
Tot Ion:237 Resp: 248871

Ion Ratio Lower Upper

237 100

235 64.5 41.1 81.1

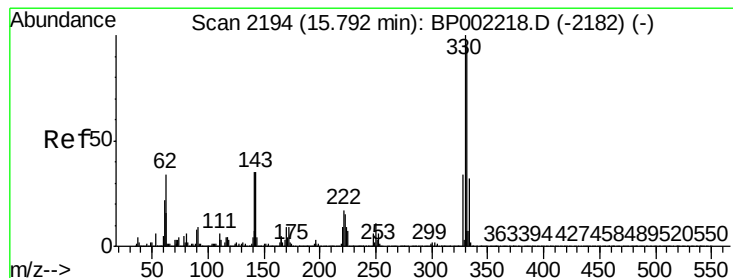
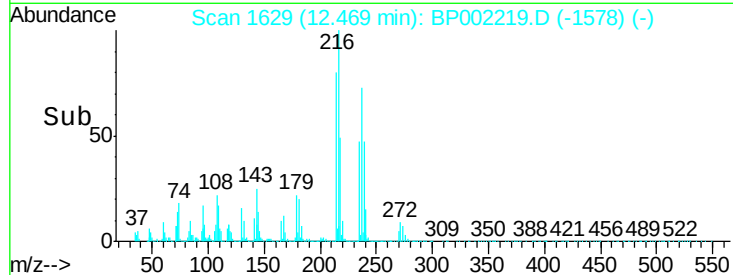
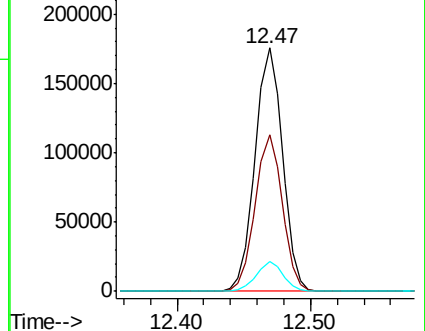
272 12.1 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.679 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

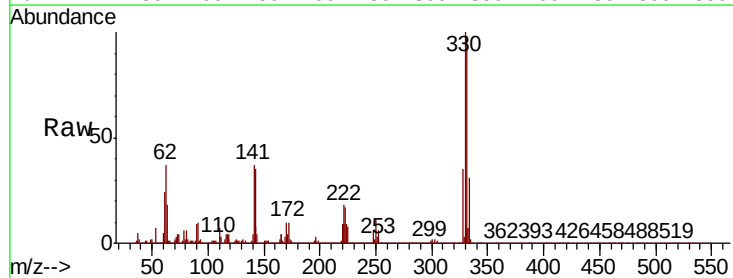
Tgt Ion:330 Resp: 393762

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

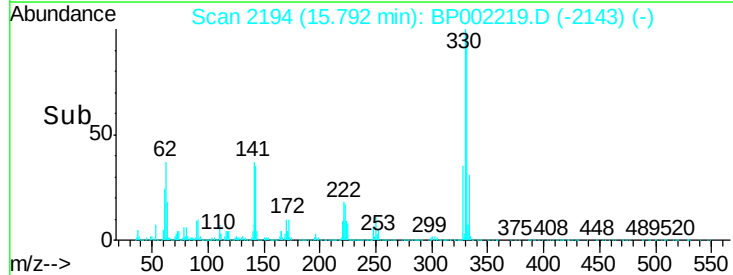
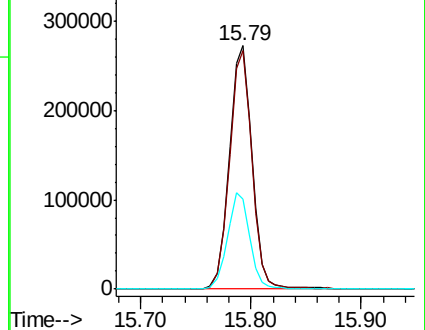
141 38.9 31.5 47.3

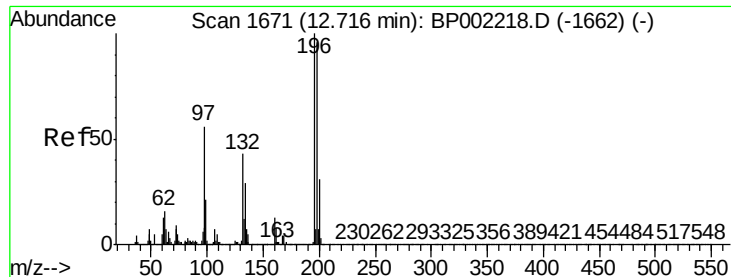


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

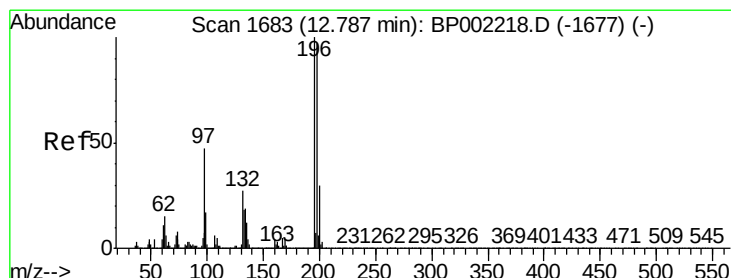
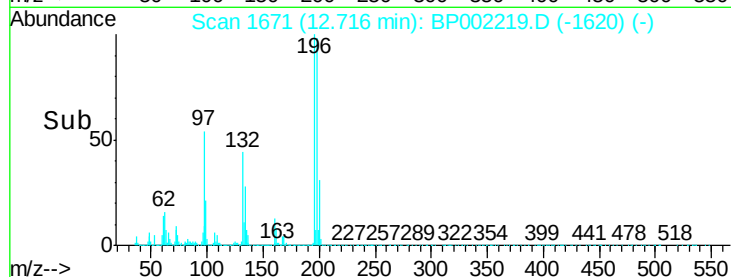
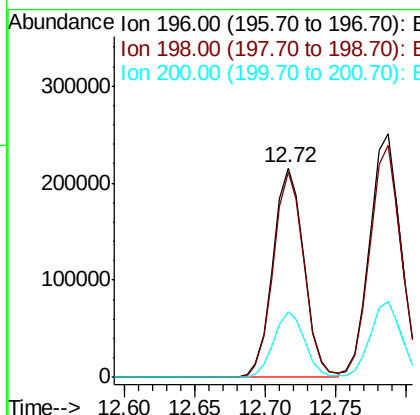
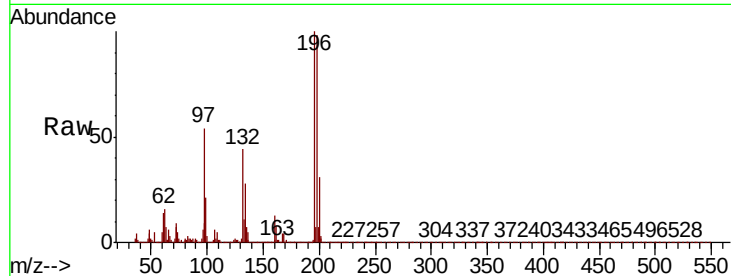




#43
 2,4,6-Trichlorophenol
 Concen: 56.010 ng
 RT: 12.72 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

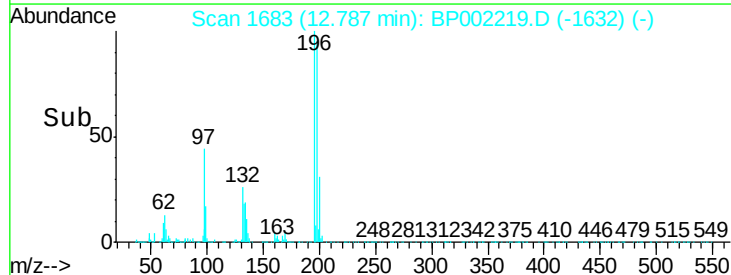
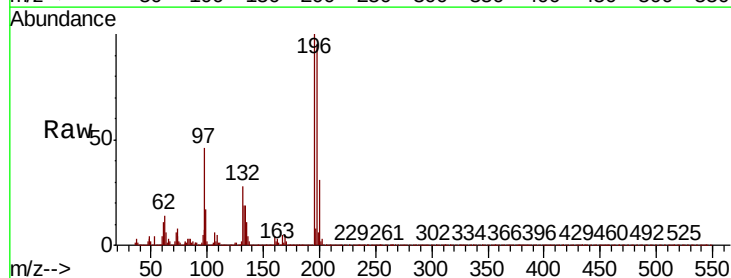
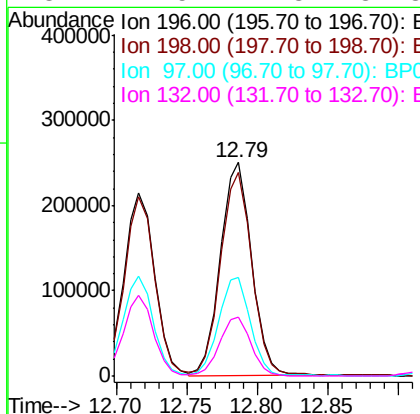
Instrument :
 BNA_P
 ClientSampleId :

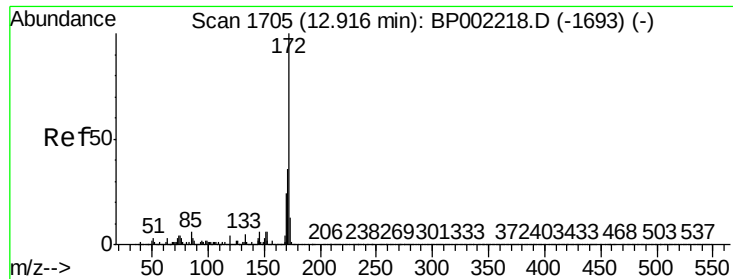
Tot Ion	196	Resp	332110
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.9	115.3
200	31.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 61.745 ng
 RT: 12.79 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

Tgt Ion	196	Resp	386341
Ion Ratio	Lower	Upper	
196	100		
198	95.2	77.3	115.9
97	45.9	37.5	56.3
132	27.5	21.8	32.8

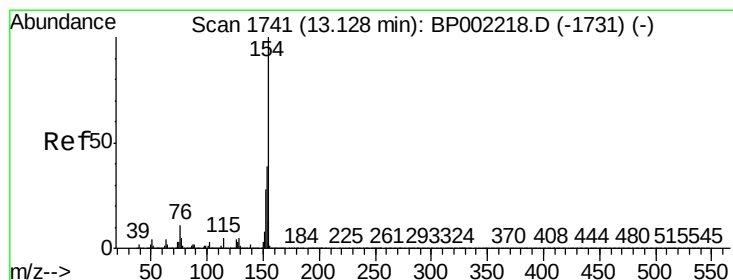
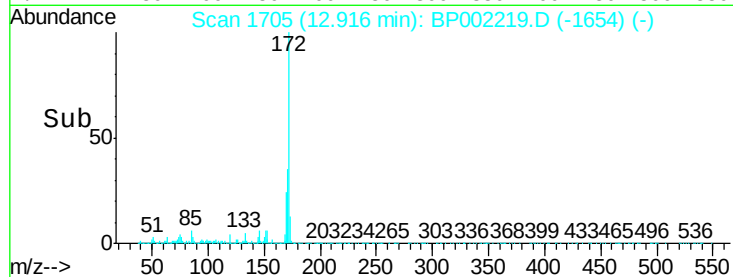
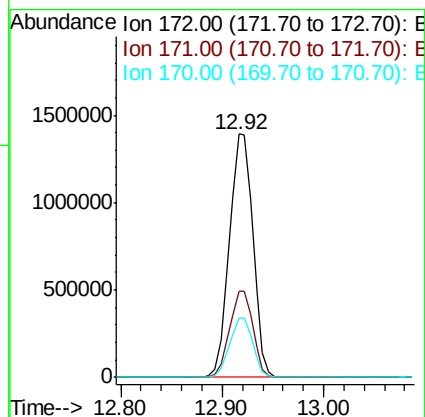
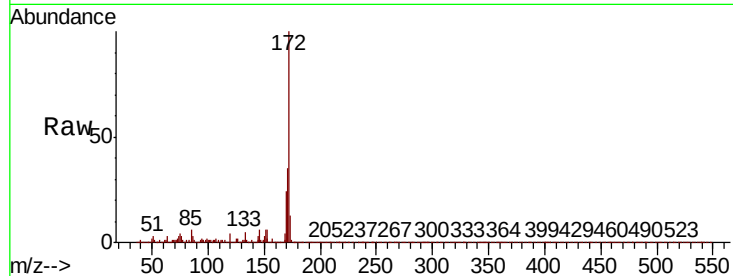




#45
2-Fluorobiphenyl
Concen: 98.547 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

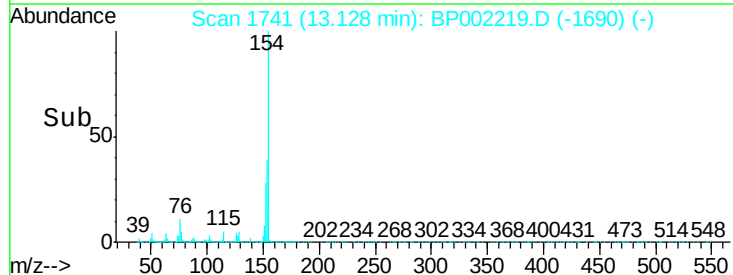
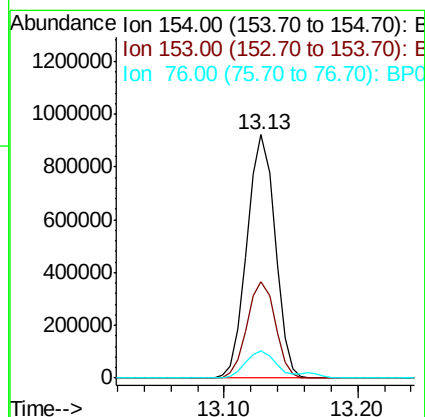
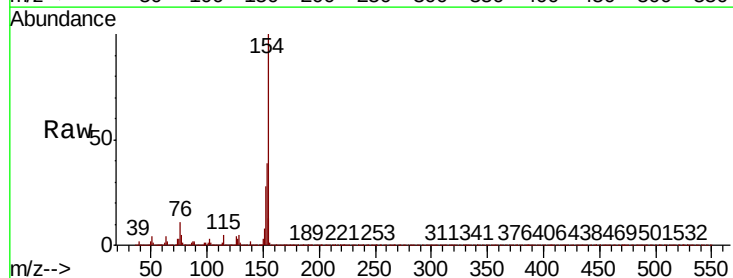
Instrument :
BNA_P
ClientSampleId :

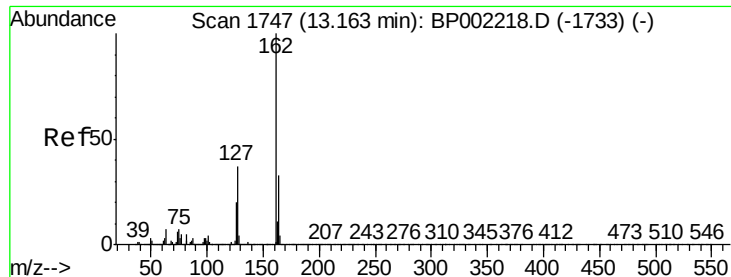
Tot Ion:172 Resp: 2235205
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 52.209 ng
RT: 13.13 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:154 Resp: 1340553
Ion Ratio Lower Upper
154 100
153 39.5 19.3 59.3
76 11.1 0.0 30.9

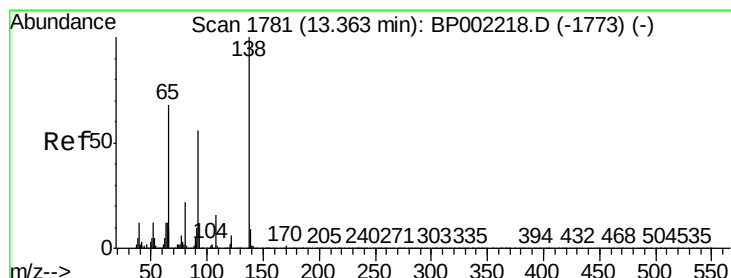
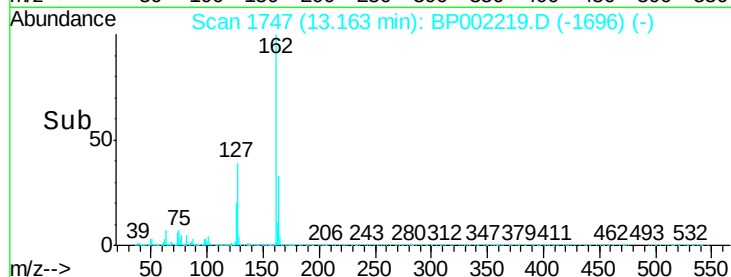
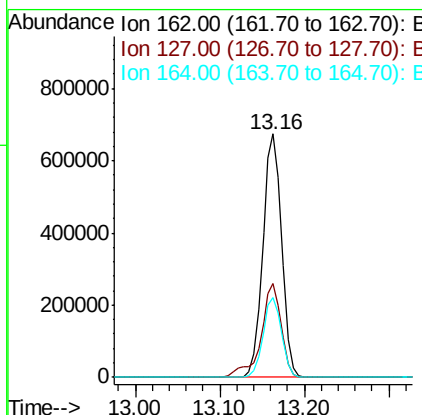
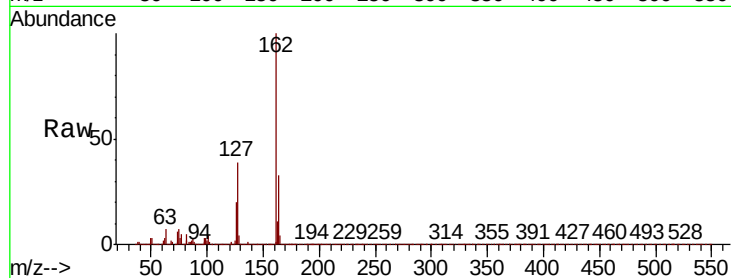




#47
2-Chloronaphthalene
Concen: 51.596 ng
RT: 13.16 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

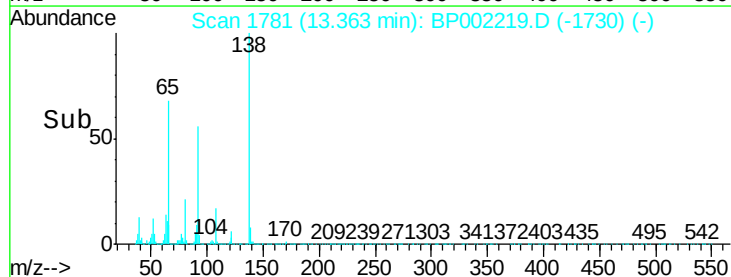
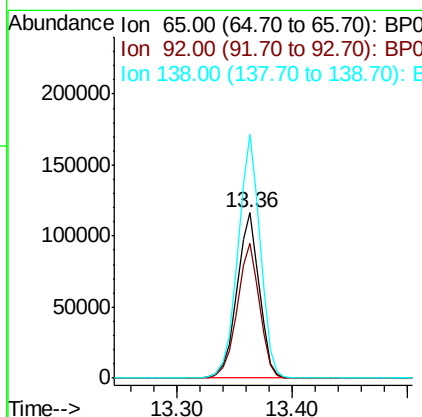
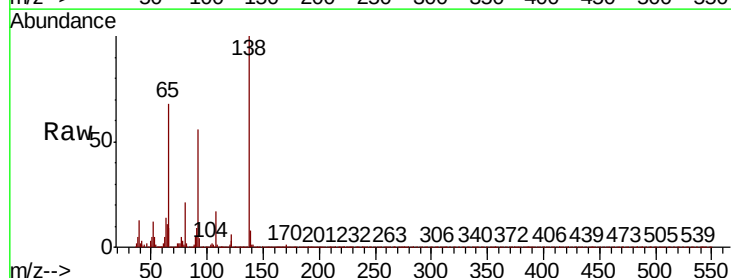
Instrument :
BNA_P
ClientSampleId :

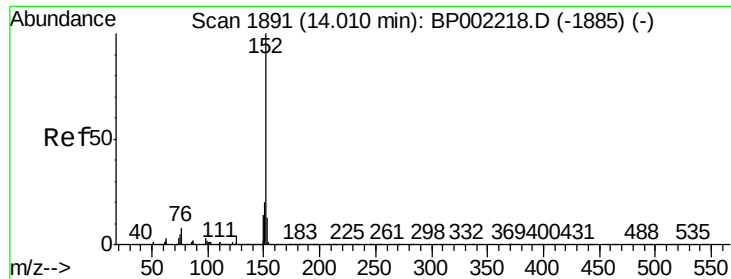
Tot Ion:162 Resp: 1043969
Ion Ratio Lower Upper
162 100
127 38.7 29.4 44.0
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 33.834 ng
RT: 13.36 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion: 65 Resp: 155727
Ion Ratio Lower Upper
65 100
92 81.7 65.5 98.3
138 147.2 116.9 175.3





#49

Acenaphthylene

Concen: 55.420 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

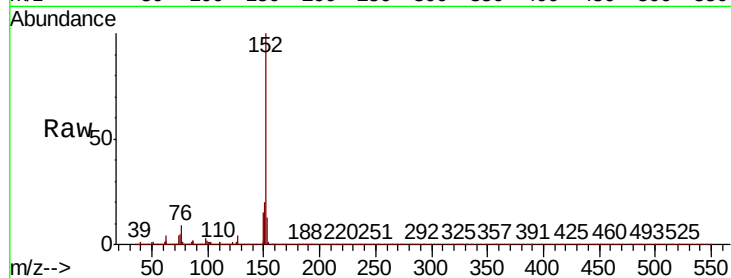
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1691097

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	12.7	10.6	16.0

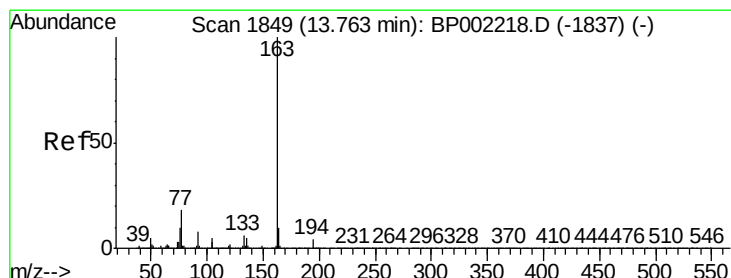
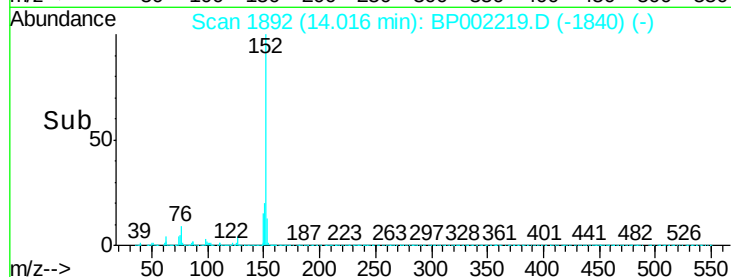
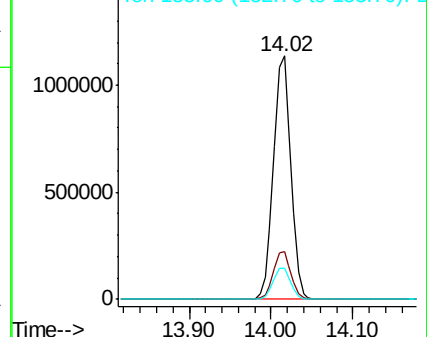


Abundance

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: 52.006 ng

RT: 13.77 min Scan# 1850

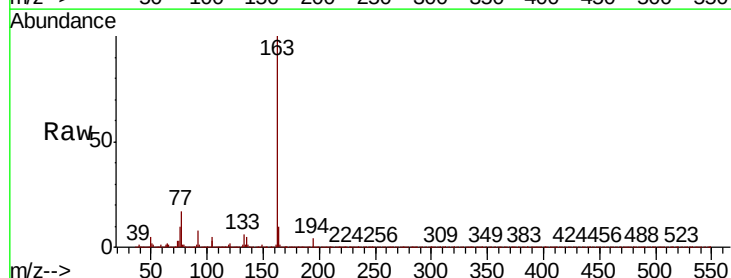
Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Tgt Ion:163 Resp: 1265002

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.4	8.2	12.4

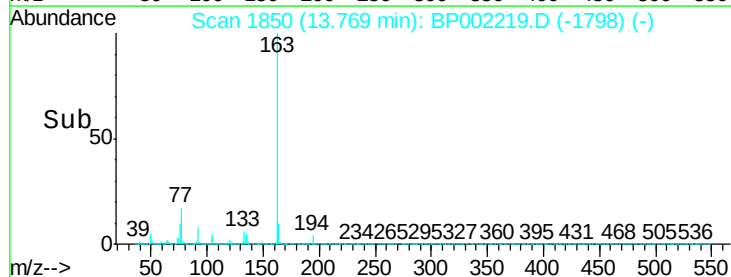
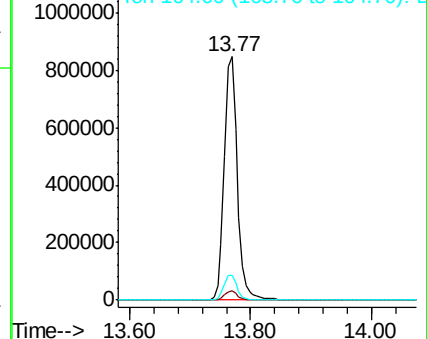


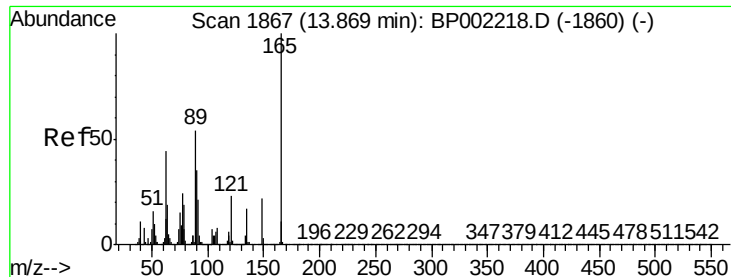
Abundance

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

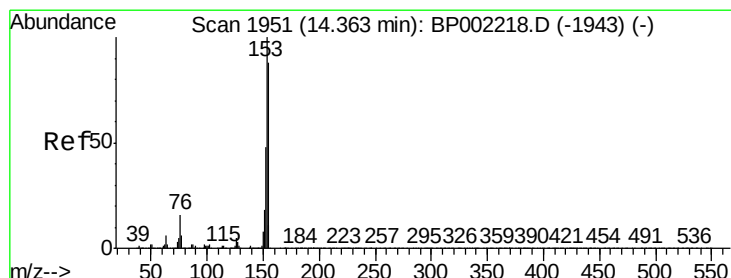
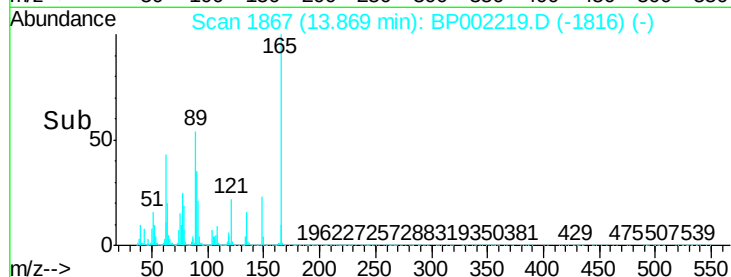
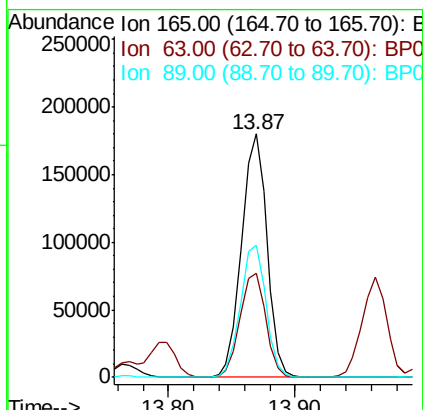
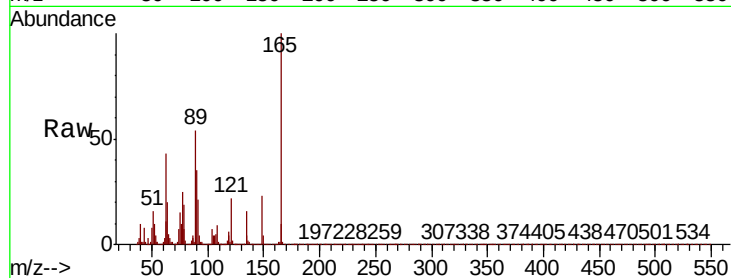




#51
 2,6-Dinitrotoluene
 Concen: 53.504 ng
 RT: 13.87 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

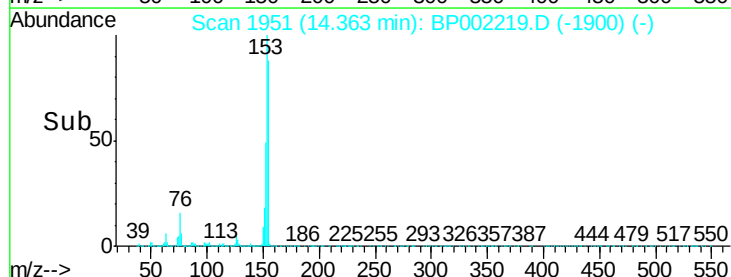
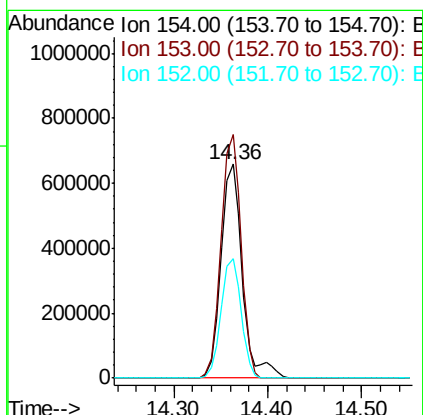
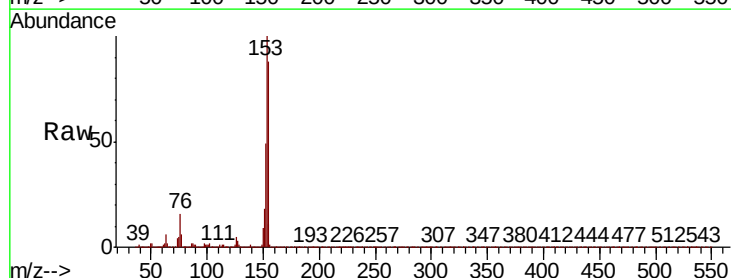
Instrument :
 BNA_P
 ClientSampled :

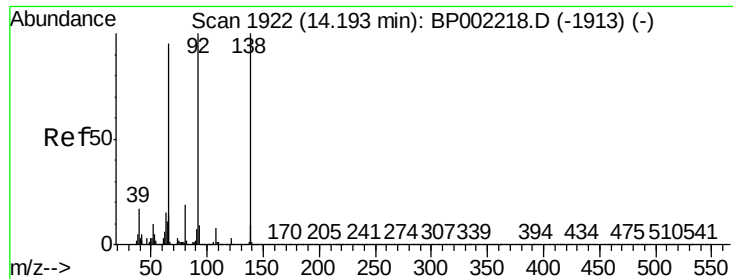
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	35.0	52.4
89	54.4	43.4	65.2



#52
 Acenaphthene
 Concen: 53.310 ng
 RT: 14.36 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.4
152	56.1	43.9	65.9

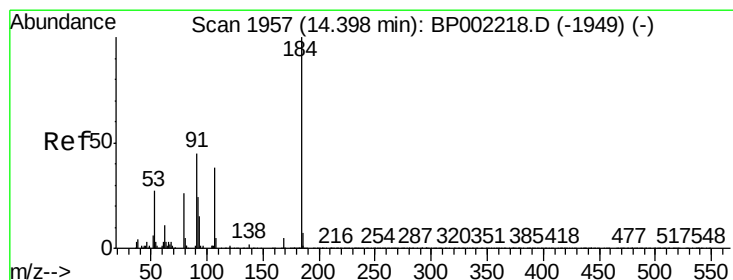
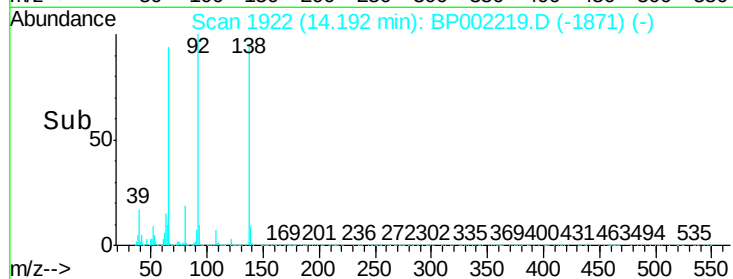
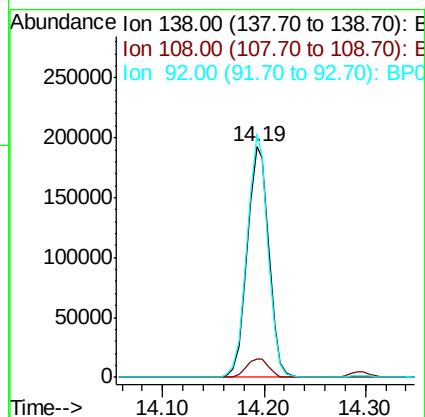
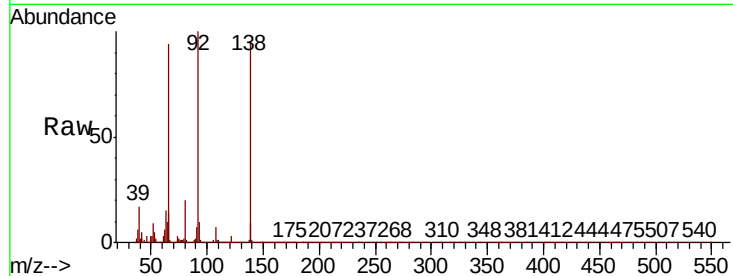




#53
3-Nitroaniline
Concen: 51.655 ng
RT: 14.19 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

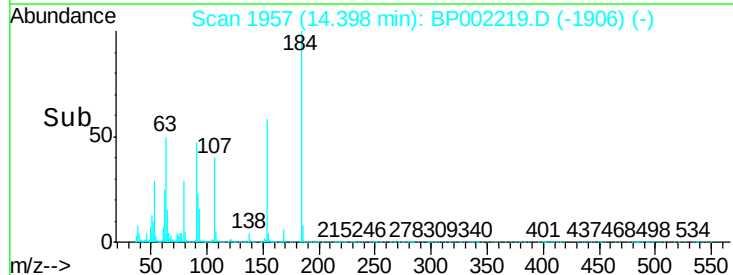
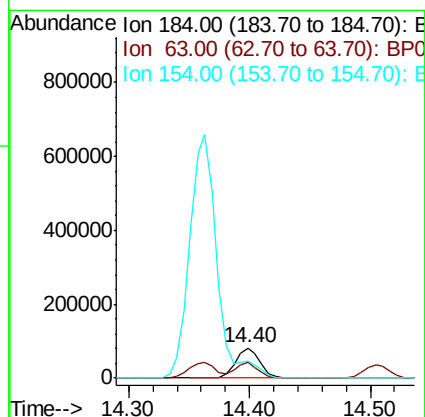
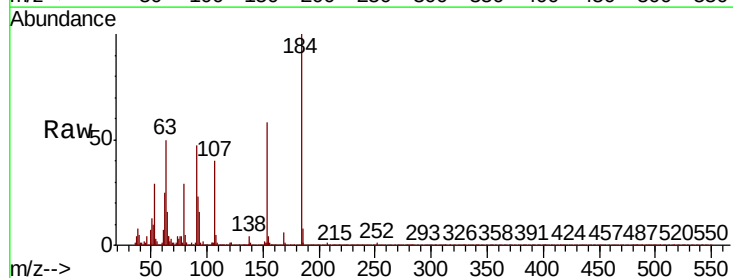
Instrument :
BNA_P
ClientSampled :

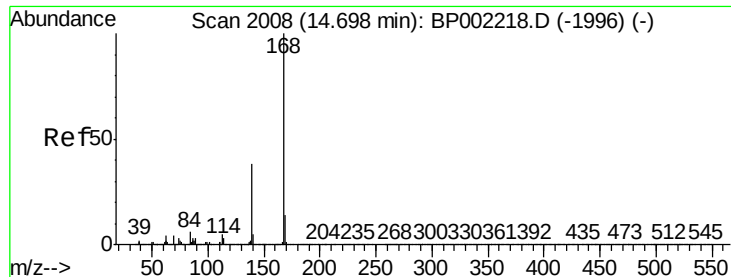
Tot Ion:138 Resp: 283723
Ion Ratio Lower Upper
138 100
108 7.8 6.6 10.0
92 105.5 79.8 119.8



#54
2,4-Dinitrophenol
Concen: 89.743 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:184 Resp: 115454
Ion Ratio Lower Upper
184 100
63 50.1 38.0 57.0
154 57.9 46.2 69.2





#55

Dibenzofuran

Concen: 53.799 ng

RT: 14.70 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

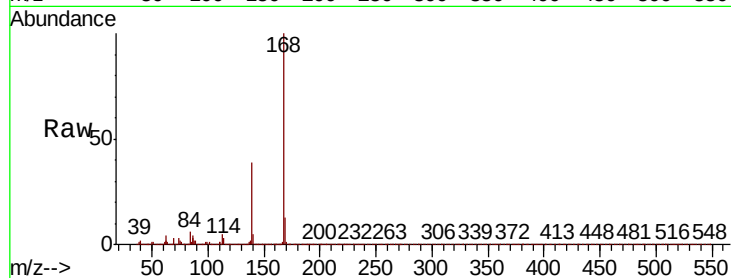
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 1555166

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	45.8
169	13.3	11.0	16.4

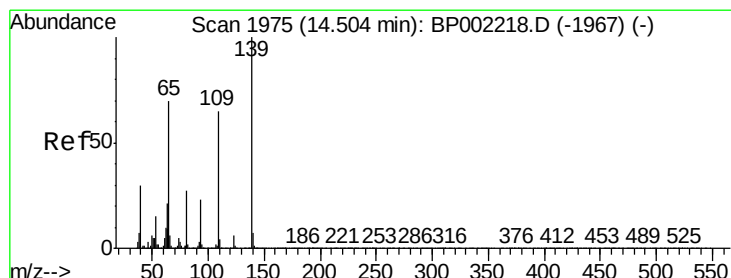
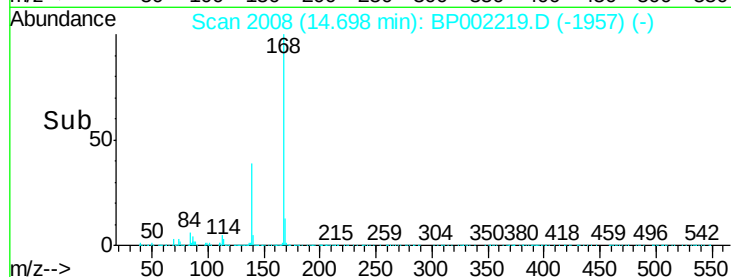
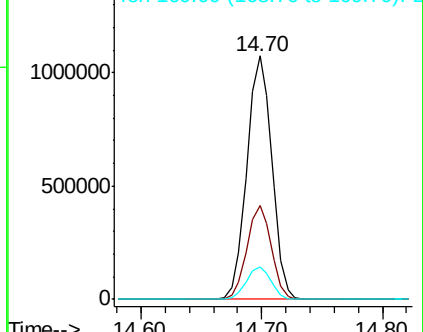


Abundance

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: 62.029 ng

RT: 14.50 min Scan# 1975

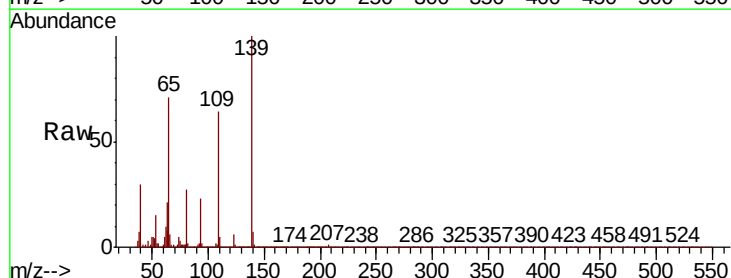
Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Tgt Ion:139 Resp: 245902

Ion	Ratio	Lower	Upper
139	100		
109	63.7	44.6	84.6
65	71.1	50.2	90.2

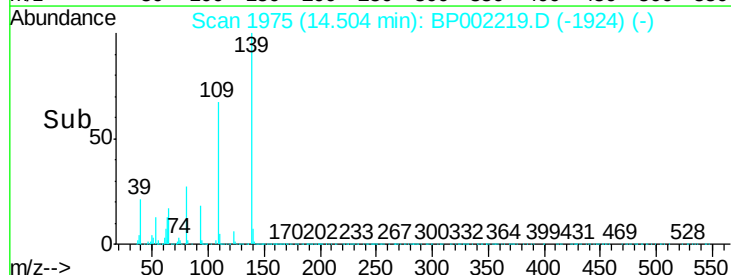
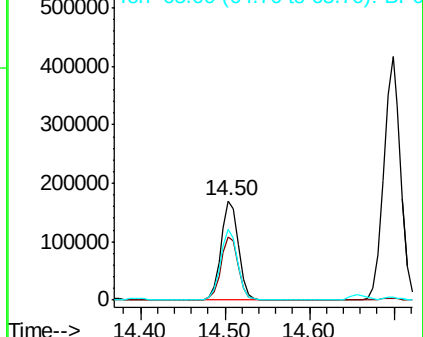


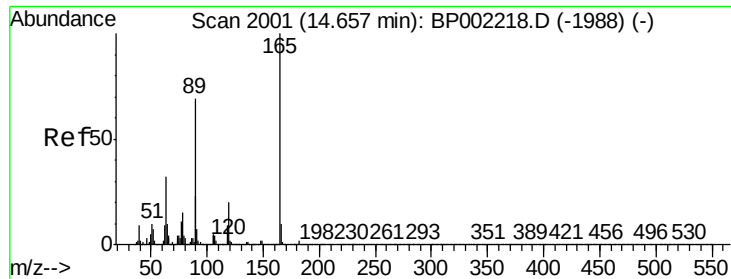
Abundance

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): BP0

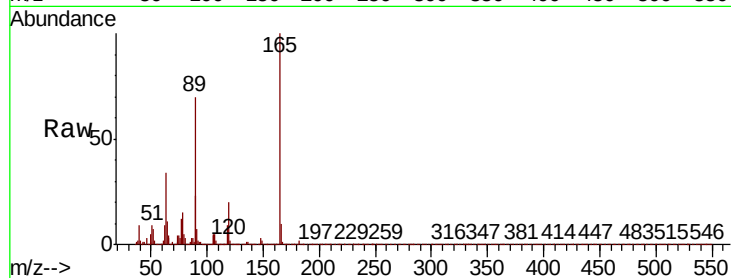




#57
2,4-Dinitrotoluene
Concen: 54.983 ng
RT: 14.66 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.5	26.1	39.1
89	70.1	55.4	83.0
182	2.5	1.8	2.6

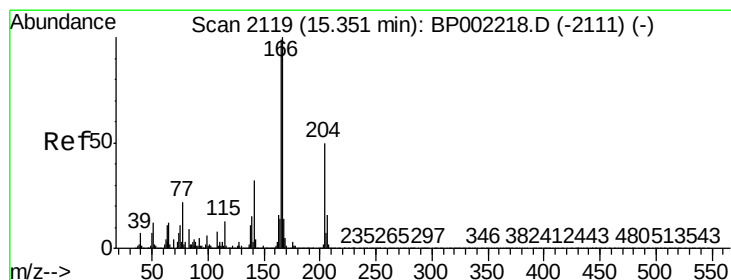
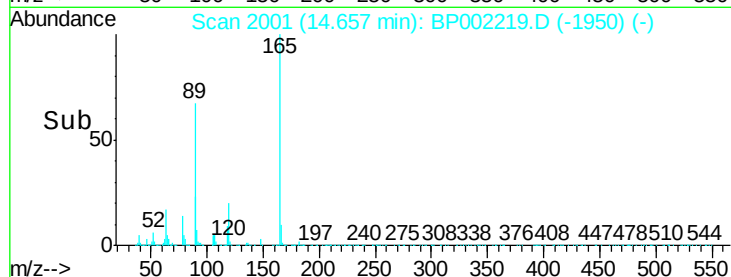
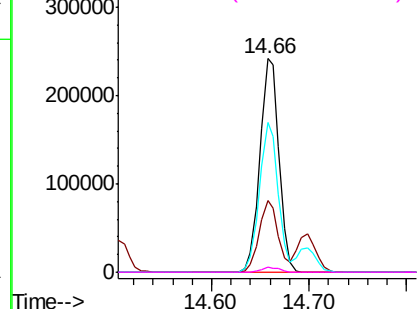


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

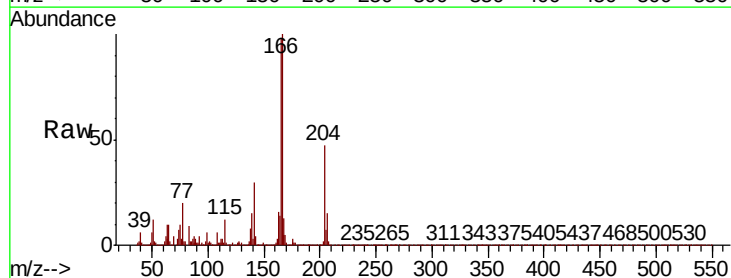
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.880 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

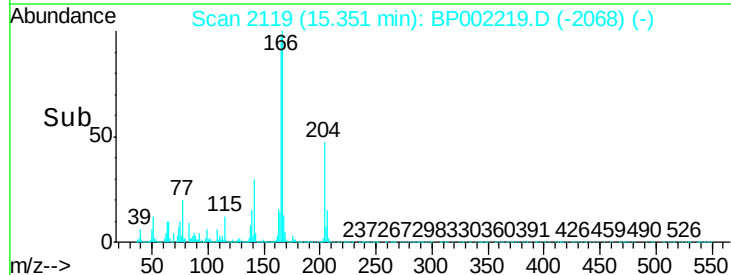
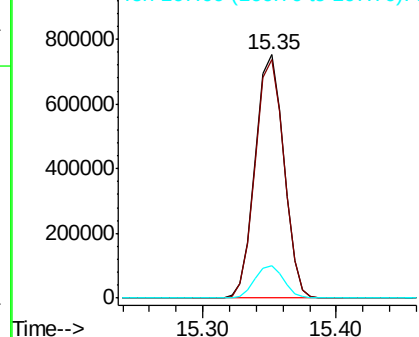
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.9	118.3
167	13.2	11.0	16.4

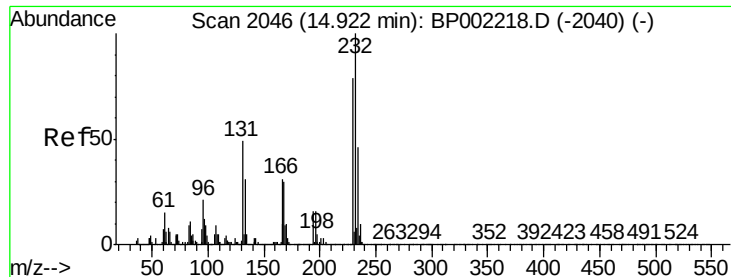


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

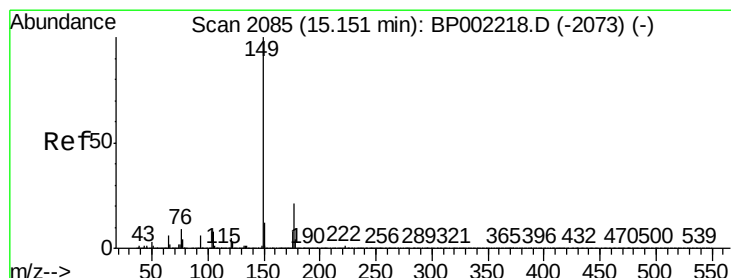
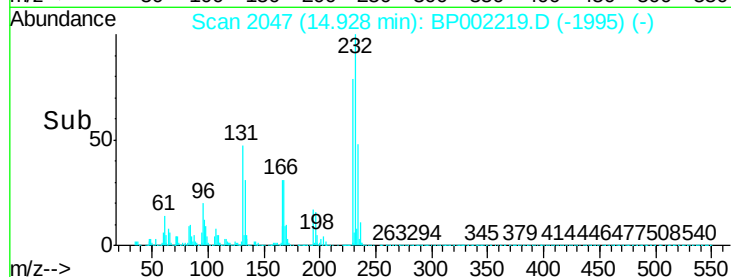
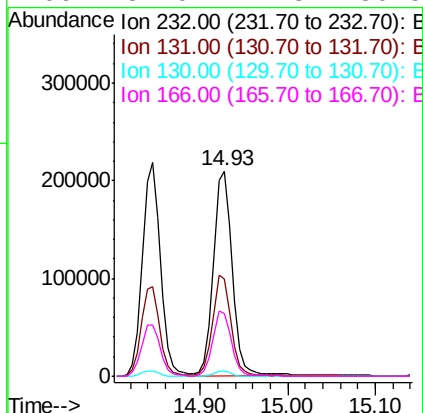
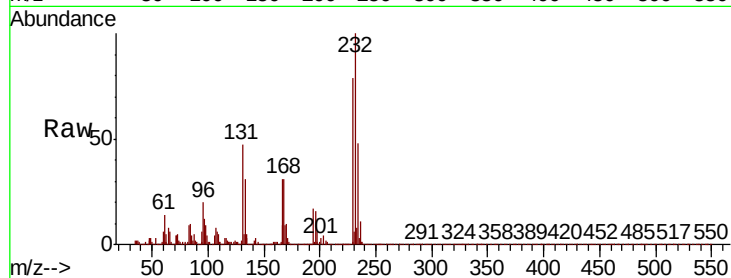




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.400 ng
 RT: 14.93 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

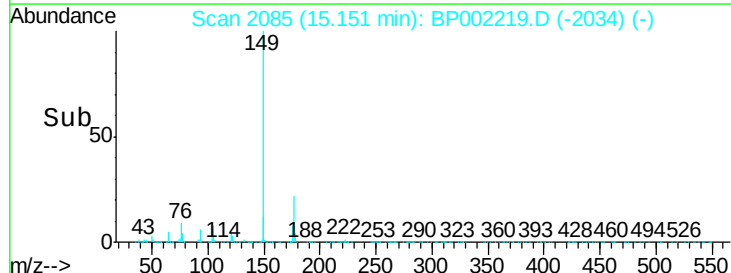
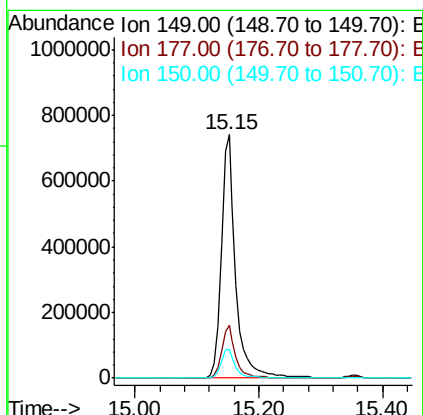
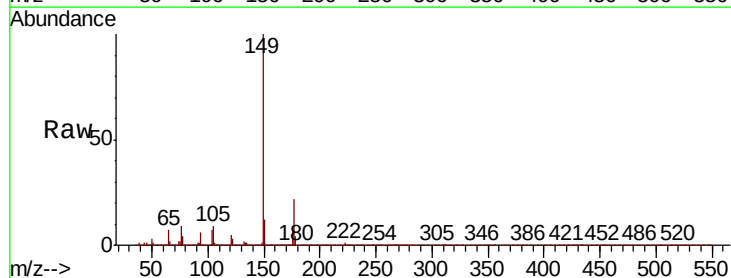
Instrument :
 BNA_P
 ClientSampleId :

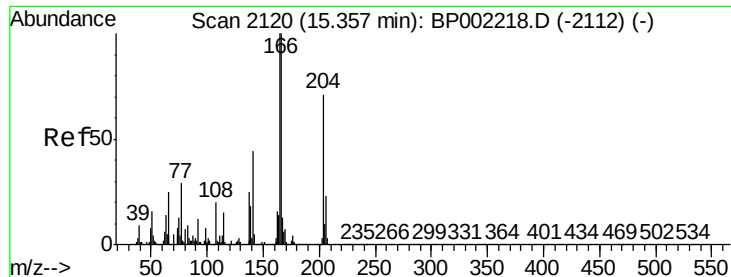
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.0	57.0
130	2.5	1.9	2.9
166	31.0	24.3	36.5



#60
 Diethylphthalate
 Concen: 49.058 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	11.8	9.4	14.0

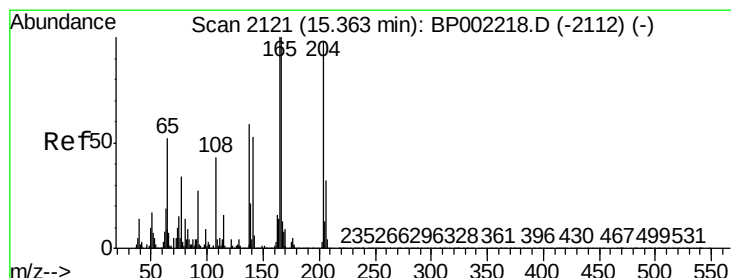
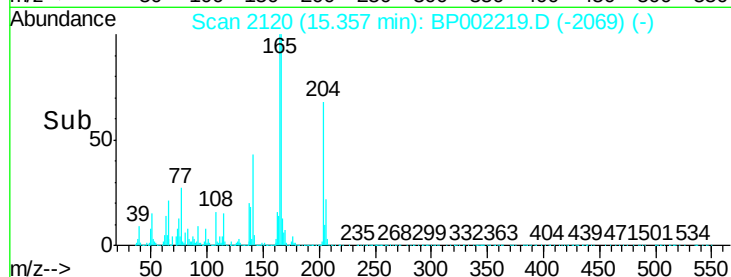
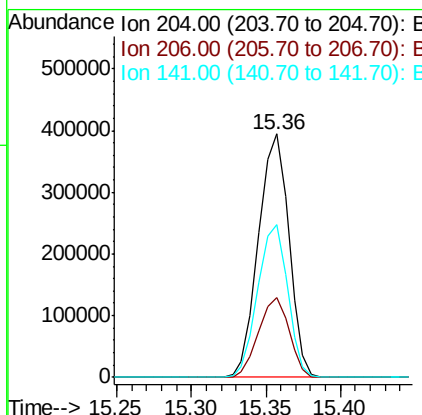
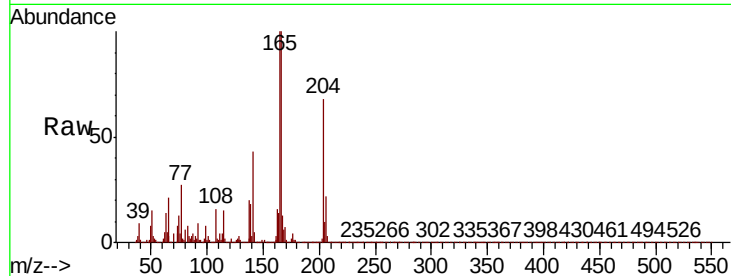




#61
4-Chlorophenyl-phenylether
Concen: 47.108 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

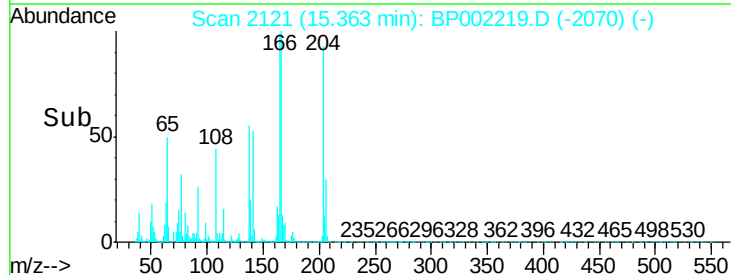
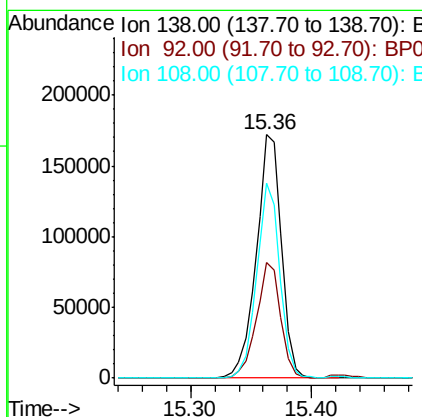
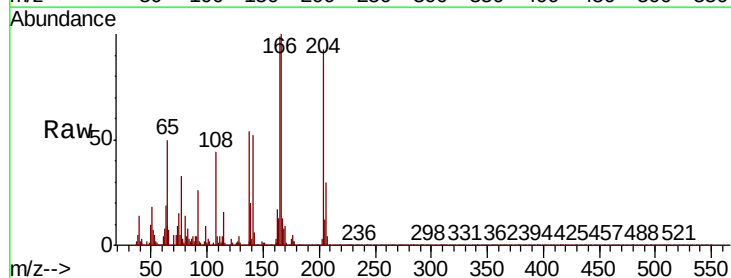
Instrument :
BNA_P
ClientSampleId :

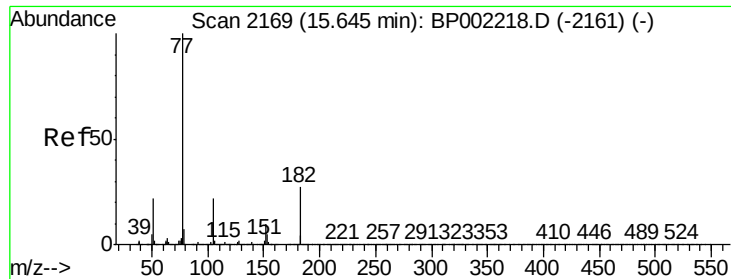
Tot Ion:204 Resp: 555540
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 62.7 48.8 73.2



#62
4-Nitroaniline
Concen: 42.984 ng
RT: 15.36 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:138 Resp: 248910
Ion Ratio Lower Upper
138 100
92 47.3 25.0 65.0
108 80.0 53.8 93.8

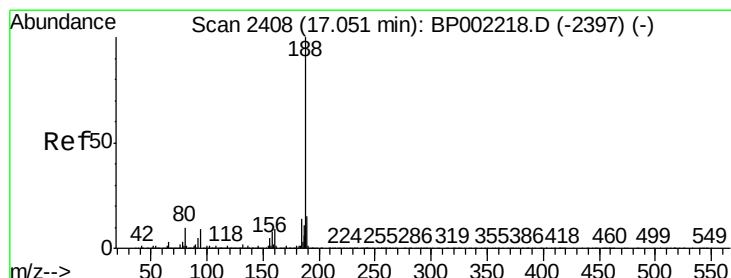
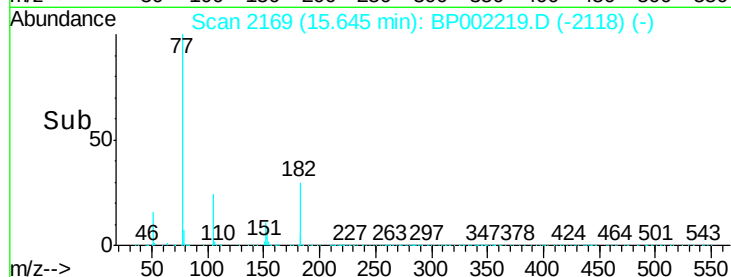
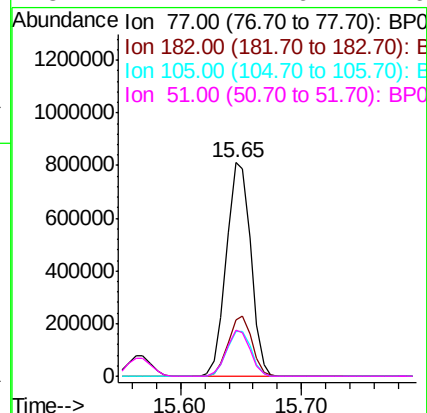
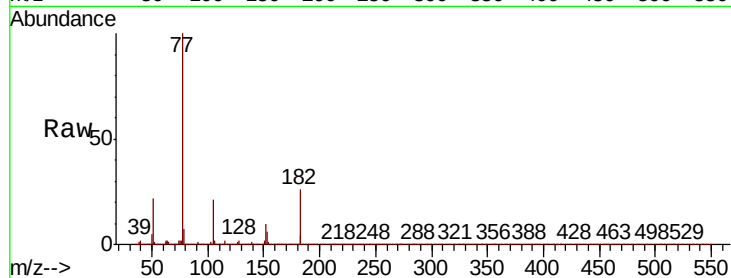




#63
Azobenzene
Concen: 50.792 ng
RT: 15.65 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

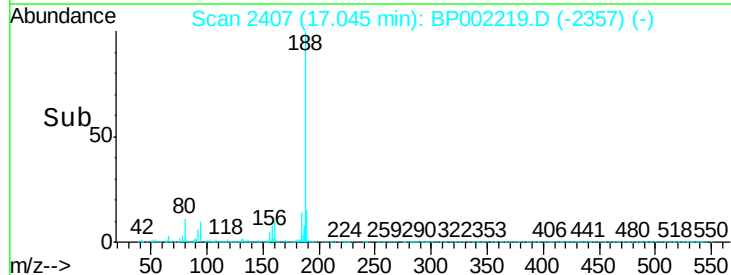
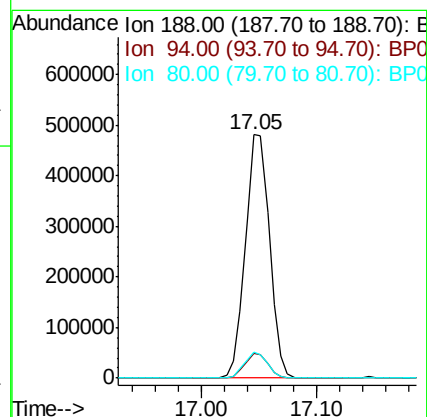
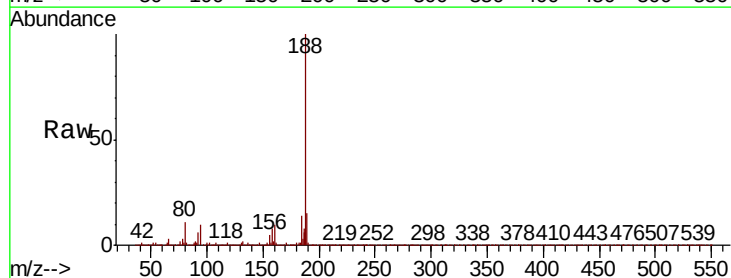
Instrument :
BNA_P
ClientSampleId :

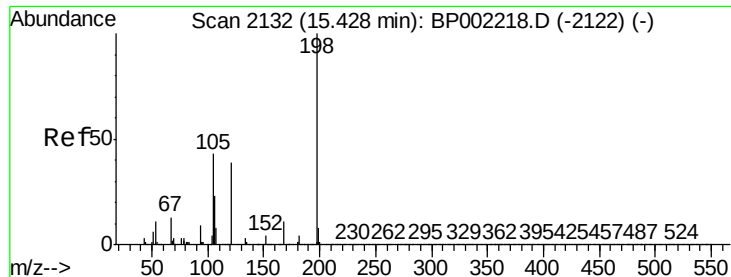
Tot Ion: 77 Resp: 1131730
Ion Ratio Lower Upper
77 100
182 26.2 7.0 47.0
105 21.2 1.5 41.5
51 21.7 1.6 41.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion: 188 Resp: 698283
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.5 7.8 11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 74.678 ng

RT: 15.43 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

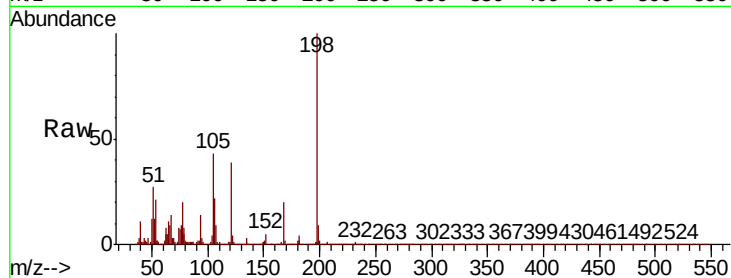
Tot Ion:198 Resp: 149109

Ion Ratio Lower Upper

198 100

51 26.9 6.6 46.6

105 43.2 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

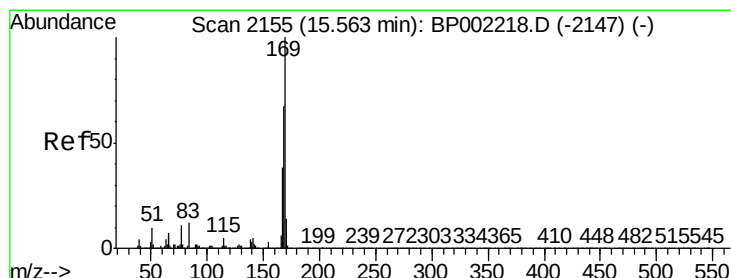
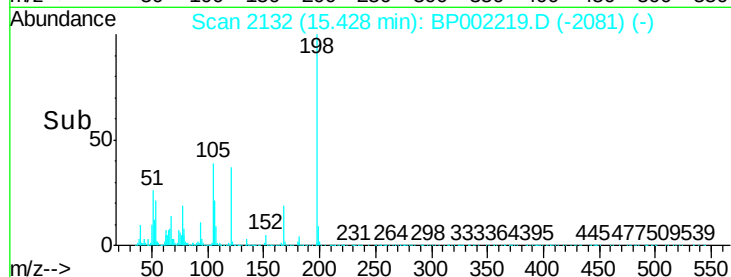
15.43

100000

50000

0

Time-->



#66

n-Nitrosodiphenylamine

Concen: 50.015 ng

RT: 15.57 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

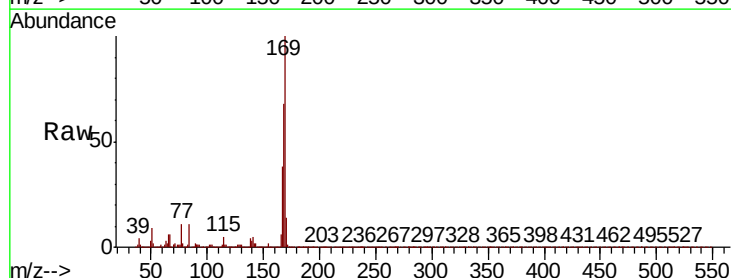
Tgt Ion:169 Resp: 1040081

Ion Ratio Lower Upper

169 100

168 68.3 53.6 80.4

167 37.9 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

15.57

1000000

800000

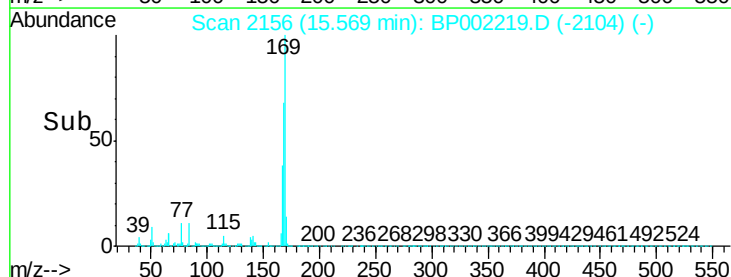
600000

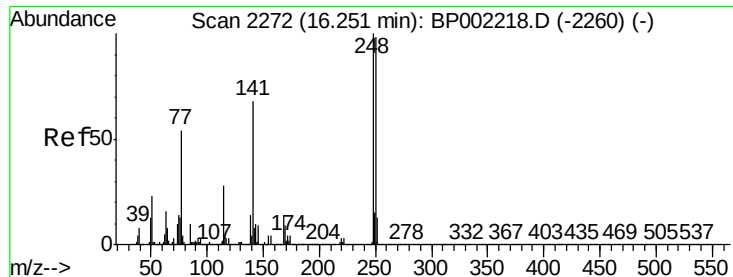
400000

200000

0

Time-->

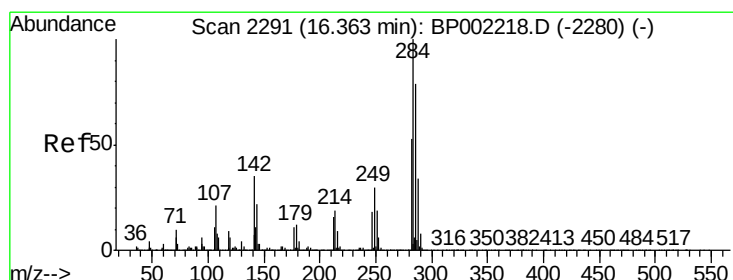
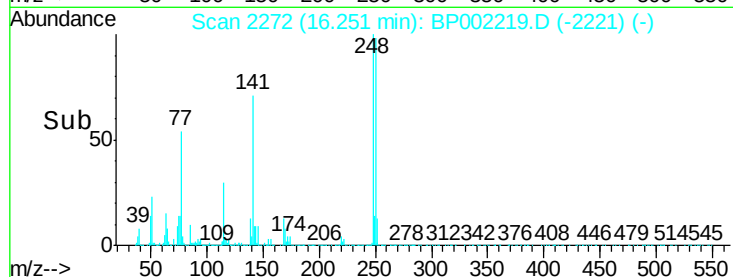
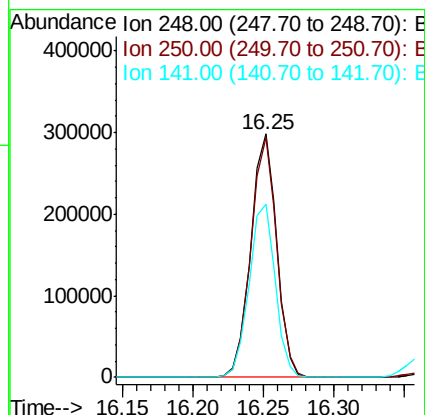
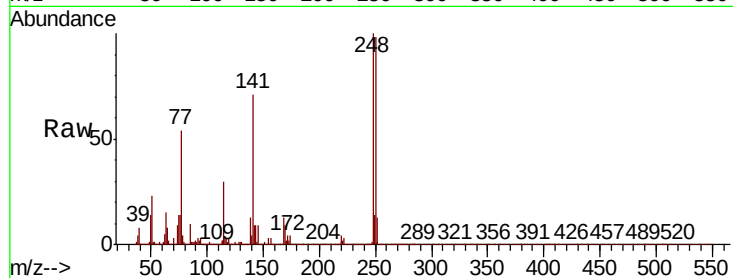




#67
4-Bromophenyl-phenylether
Concen: 50.989 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

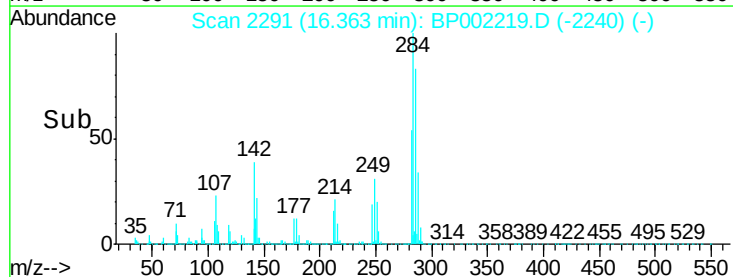
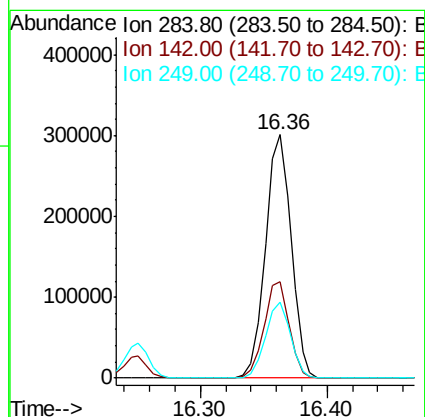
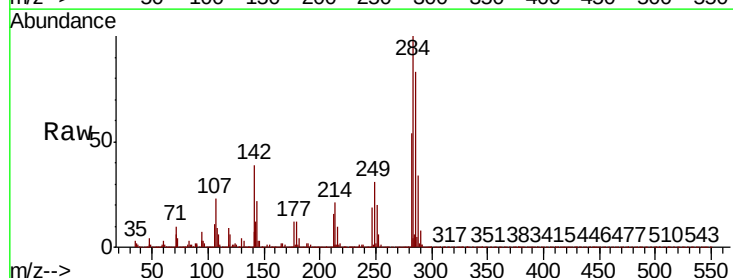
Instrument :
BNA_P
ClientSampleId :

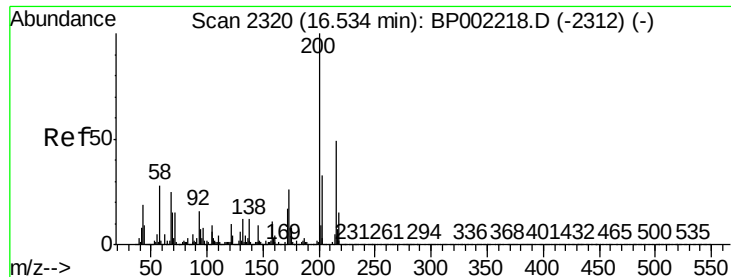
Tot Ion:248 Resp: 385447
Ion Ratio Lower Upper
248 100
250 98.2 78.6 118.0
141 71.0 54.3 81.5



#68
Hexachlorobenzene
Concen: 49.270 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:284 Resp: 425024
Ion Ratio Lower Upper
284 100
142 39.3 28.1 42.1
249 31.3 24.1 36.1





#69

Atrazine

Concen: 44.502 ng

RT: 16.53 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

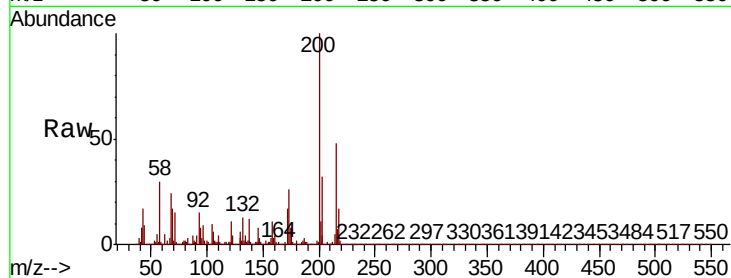
Tot Ion:200 Resp: 277830

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

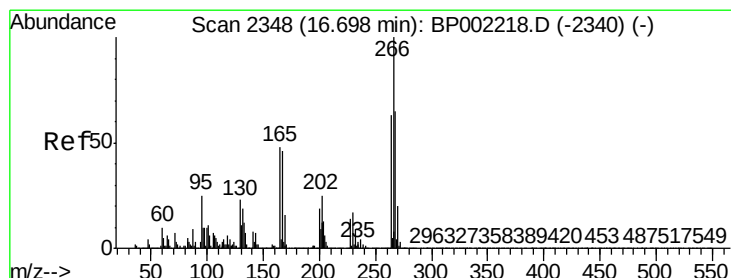
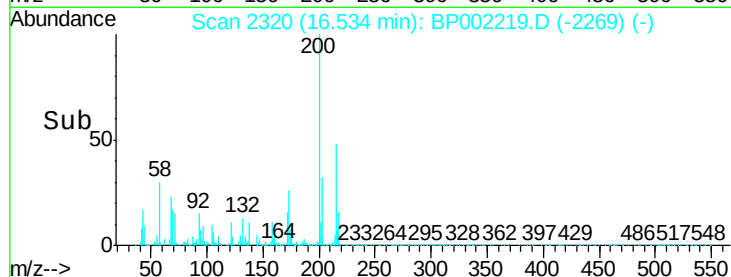
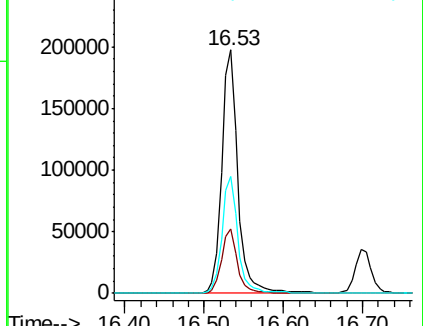
215 47.9 29.5 69.5



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: 66.225 ng

RT: 16.70 min Scan# 2349

Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

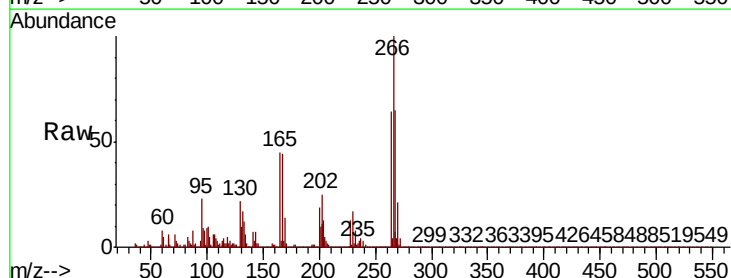
Tgt Ion:266 Resp: 265139

Ion Ratio Lower Upper

266 100

268 64.6 52.1 78.1

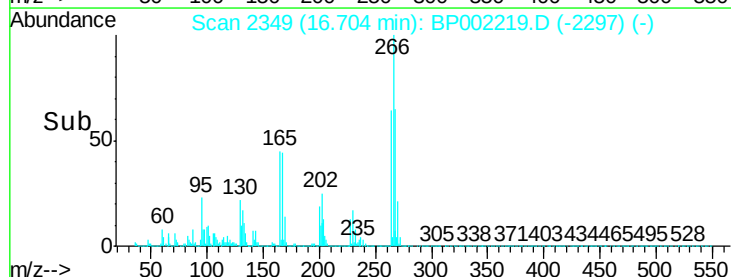
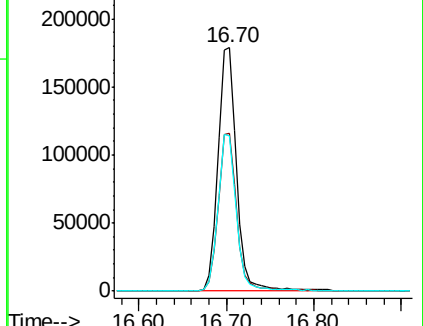
264 63.9 50.6 75.8

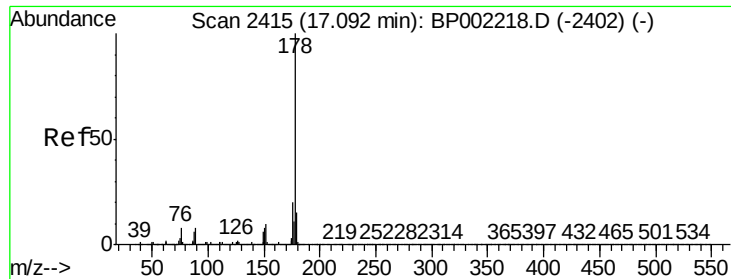


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 52.114 ng

RT: 17.09 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

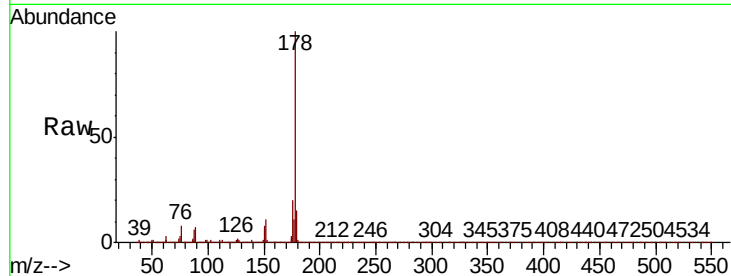
Tot Ion:178 Resp: 1960098

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.3	12.2	18.4

178 100

176 19.8 16.1 24.1

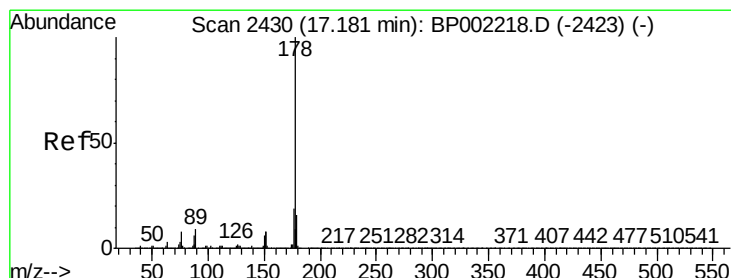
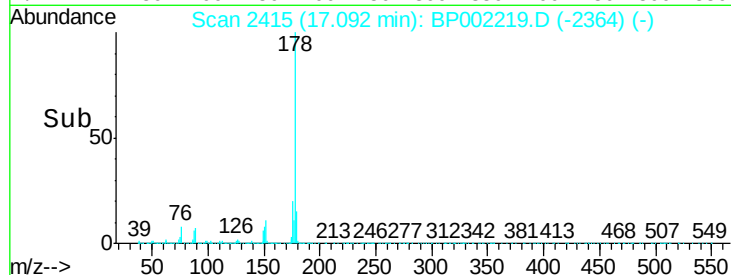
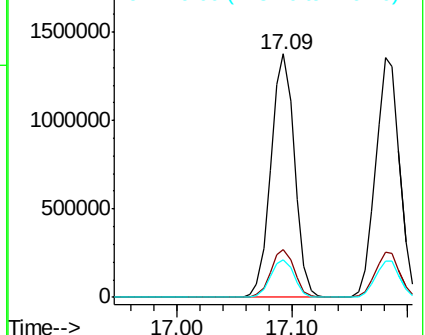
179 15.3 12.2 18.4



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: 53.840 ng

RT: 17.18 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

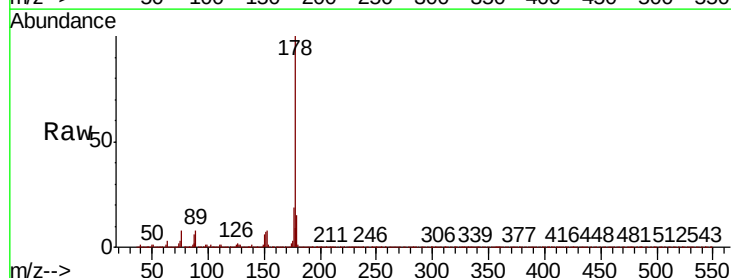
Tgt Ion:178 Resp: 1959629

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.4	12.6	18.8

178 100

176 18.9 15.2 22.8

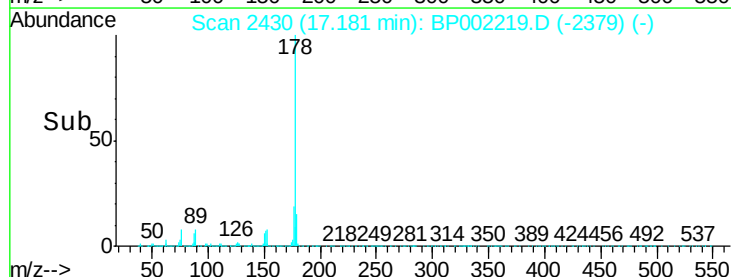
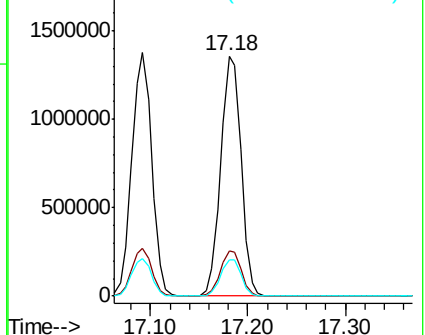
179 15.4 12.6 18.8

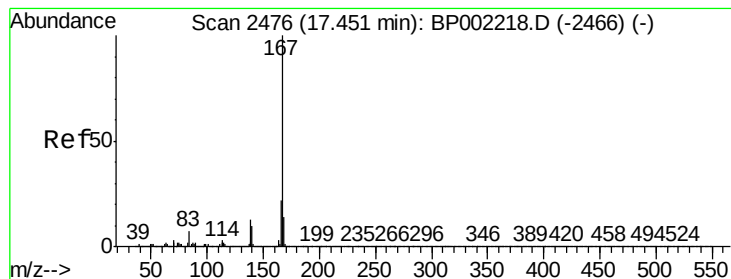


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 54.881 ng

RT: 17.45 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

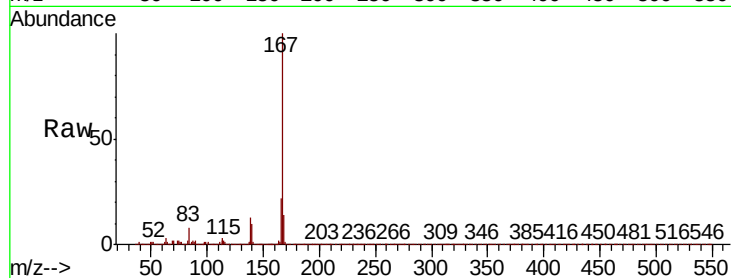
Instrument :

BNA_P

ClientSampleId :

Tot Ion:167 Resp: 1903137

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.4	10.5	15.7

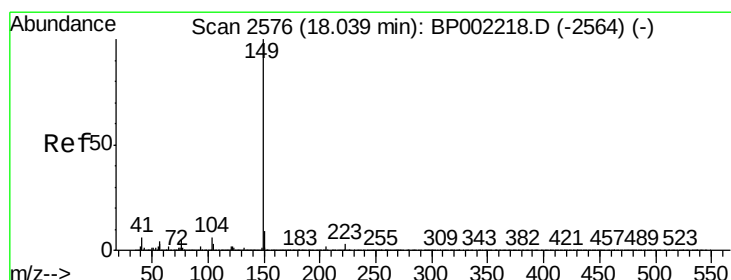
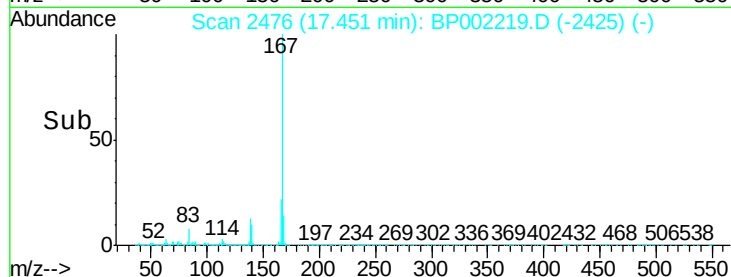
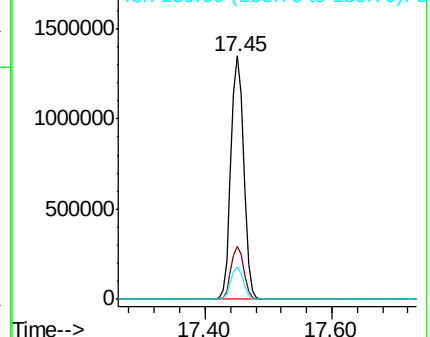


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 28.169 ng

RT: 18.05 min Scan# 2577

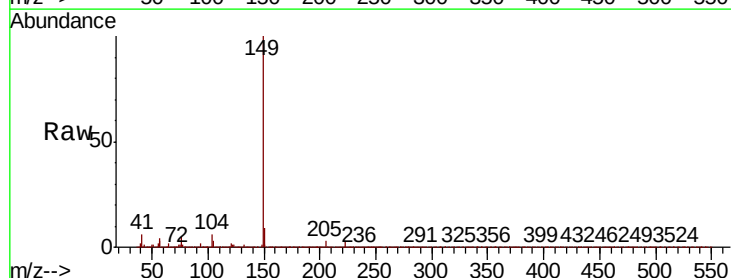
Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Tgt Ion:149 Resp: 1140909

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.0	10.4
104	6.0	4.8	7.2

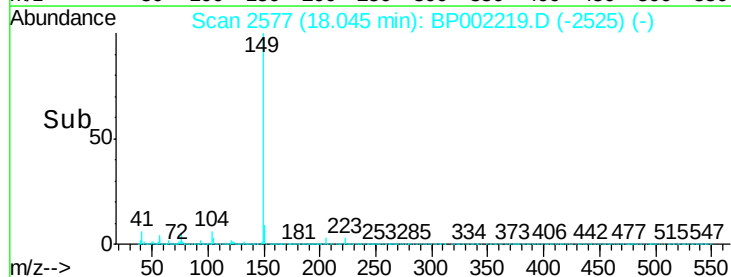
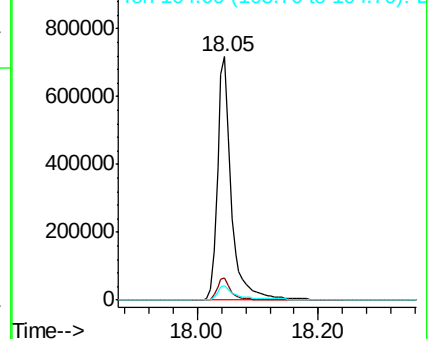


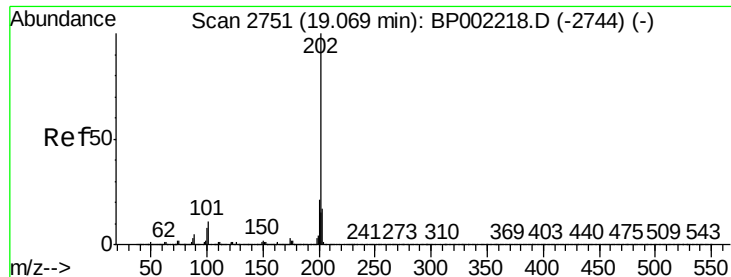
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.001 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

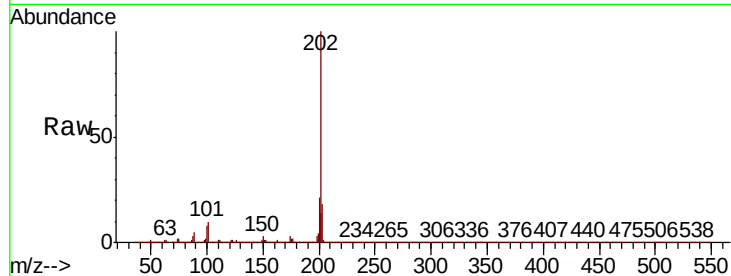
Tot Ion:202 Resp: 2239422

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.6

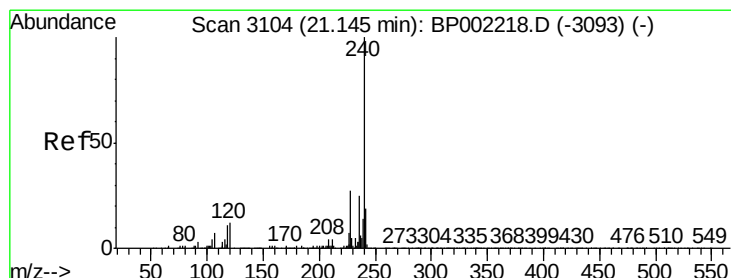
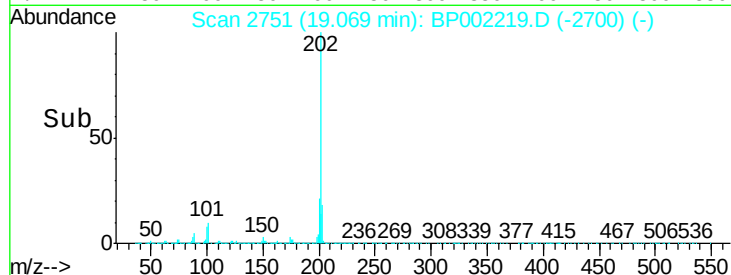
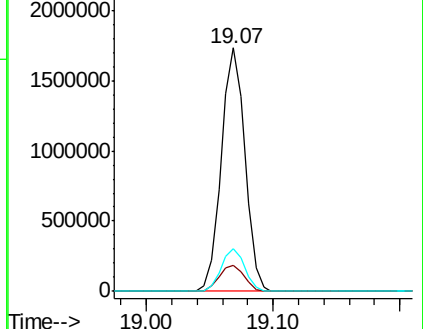
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

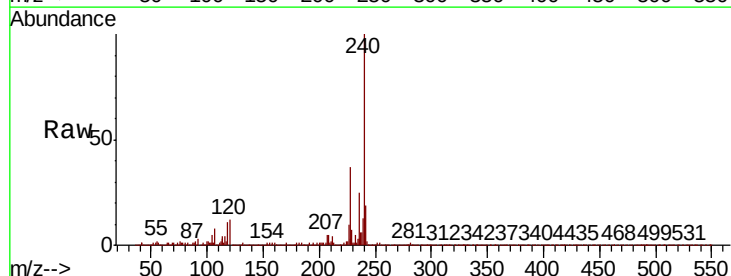
Tgt Ion:240 Resp: 668846

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

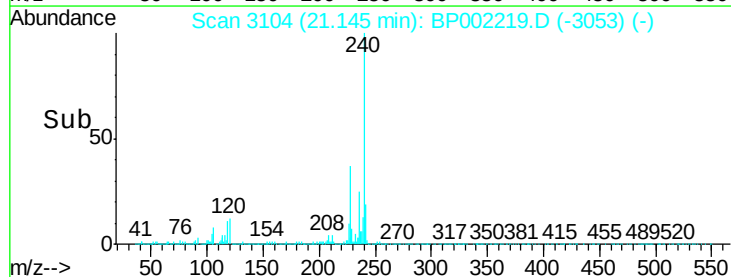
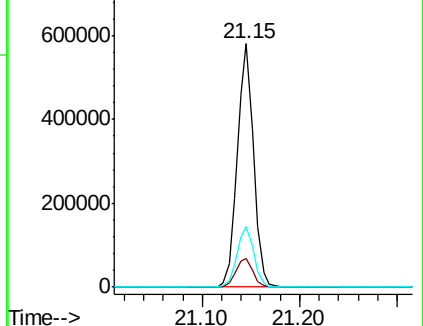
236 24.9 20.3 30.5

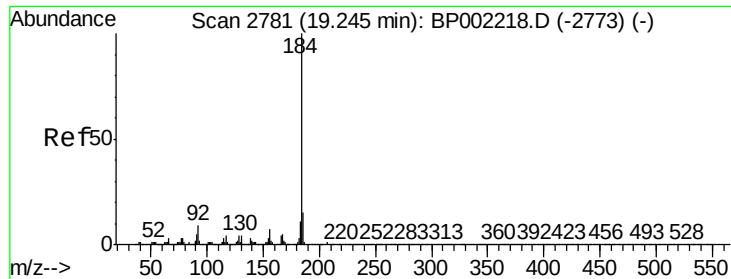


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.704 ng

RT: 19.25 min Scan# 2782

Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

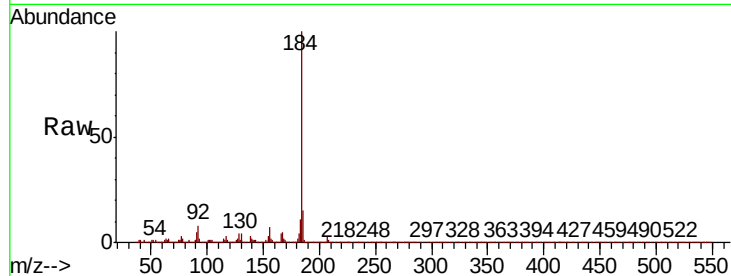
Tot Ion:184 Resp: 309584

Ion Ratio Lower Upper

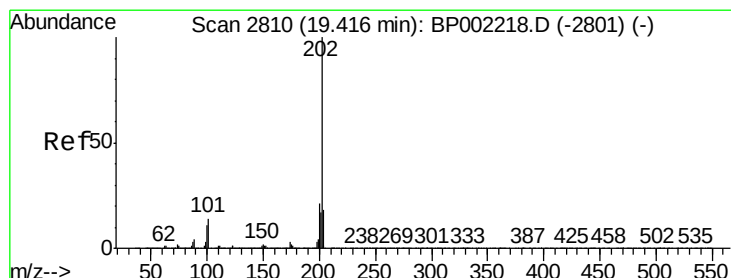
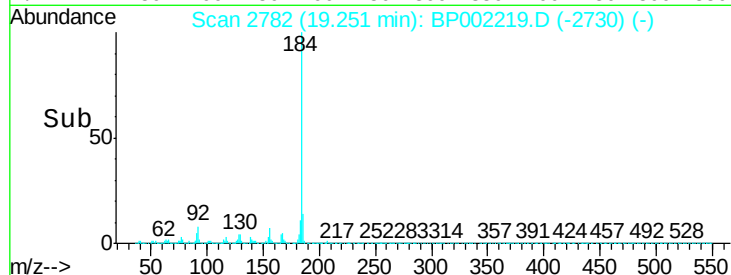
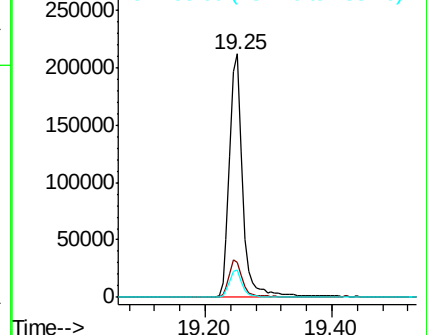
184 100

185 14.5 11.6 17.4

183 11.1 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: 50.683 ng

RT: 19.42 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

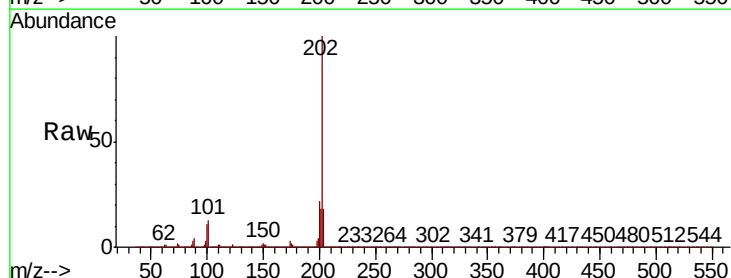
Tgt Ion:202 Resp: 2332428

Ion Ratio Lower Upper

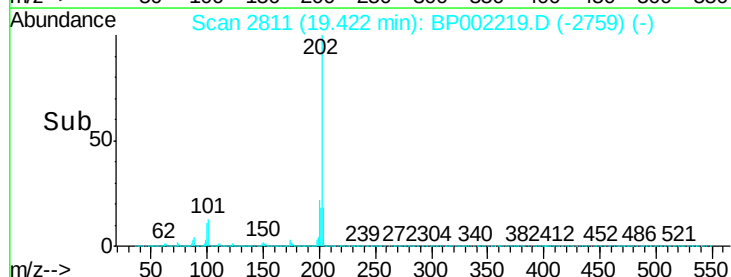
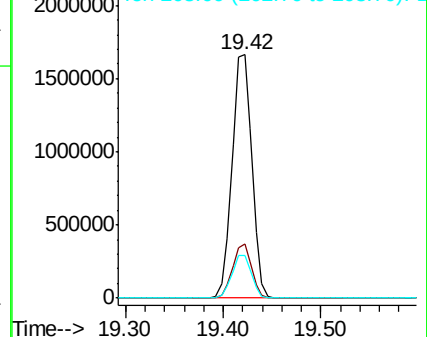
202 100

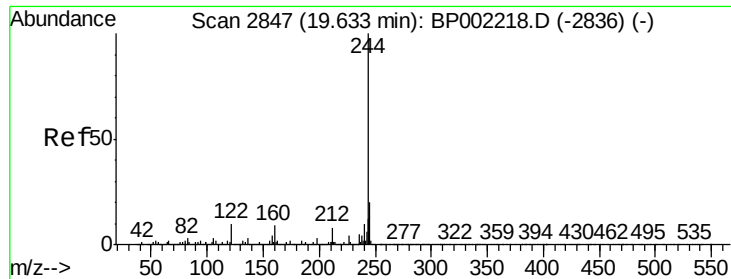
200 22.1 16.9 25.3

203 17.7 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: 91.667 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

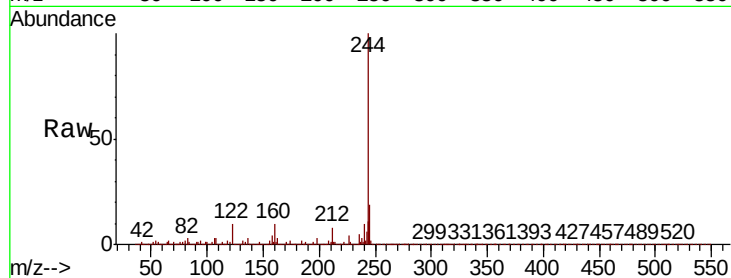
Tot Ion:244 Resp: 3004656

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

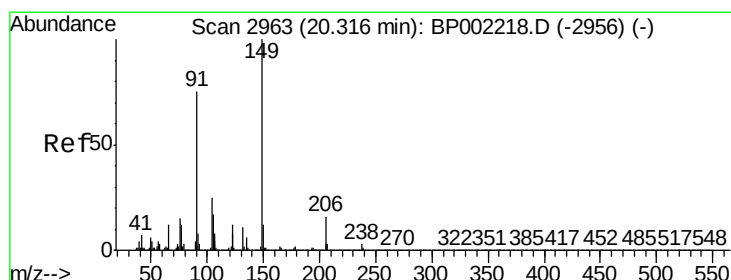
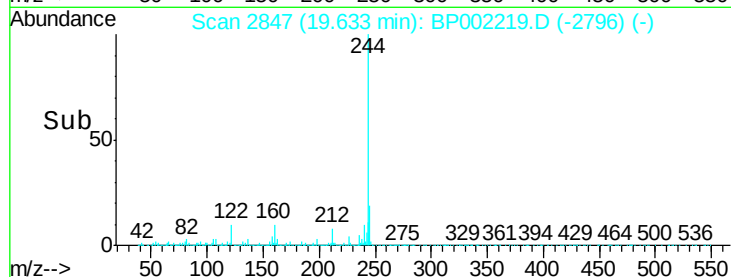
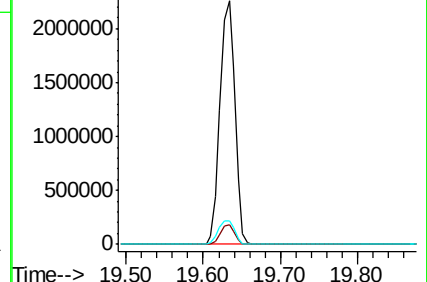
122 9.5 7.9 11.9



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: 13.932 ng

RT: 20.32 min Scan# 2963

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

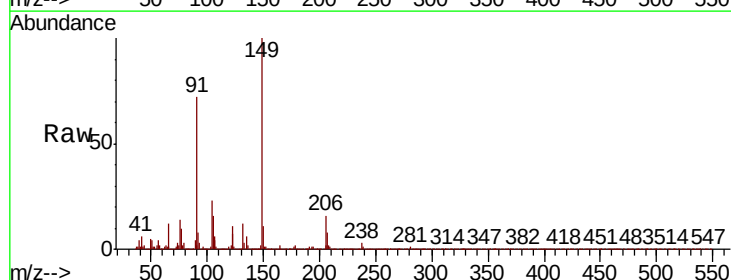
Tgt Ion:149 Resp: 251733

Ion Ratio Lower Upper

149 100

91 71.8 59.9 89.9

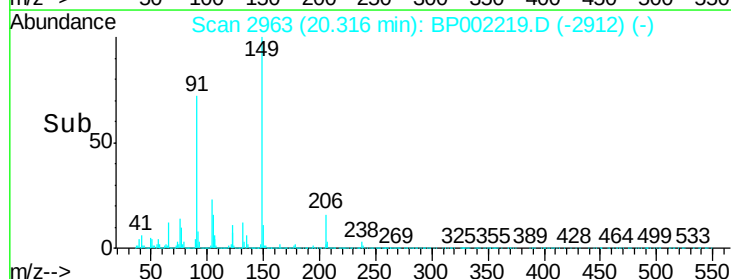
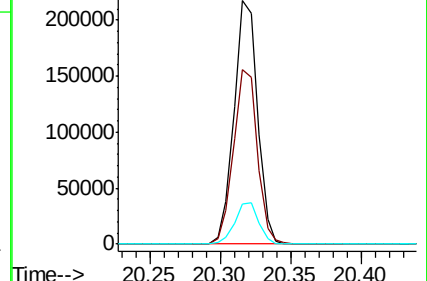
206 16.3 12.7 19.1

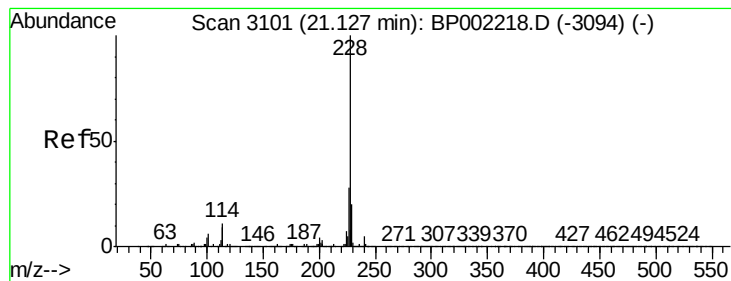


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.366 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

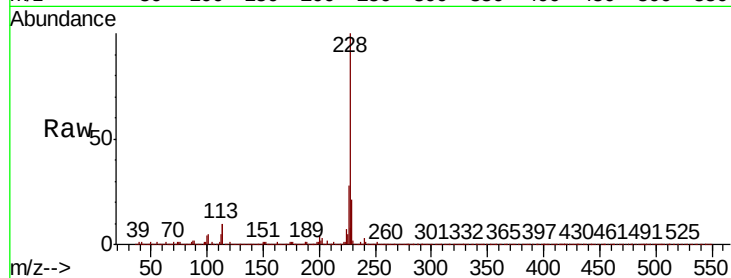
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 2197254

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.5	16.2	24.2

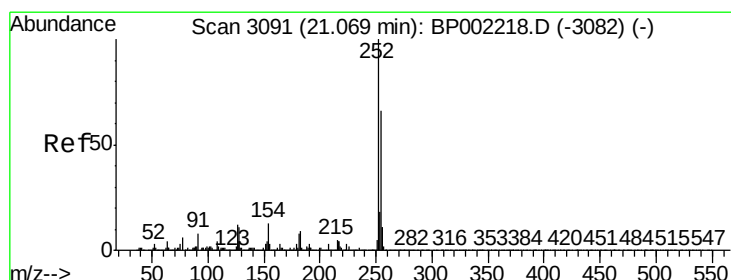
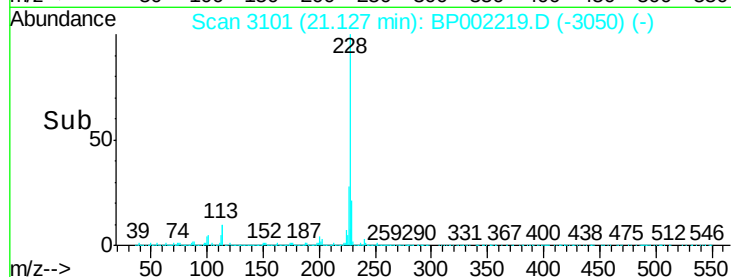
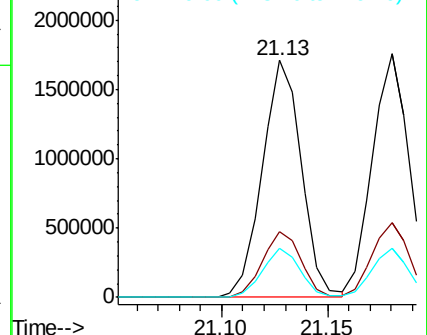


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.582 ng

RT: 21.07 min Scan# 3091

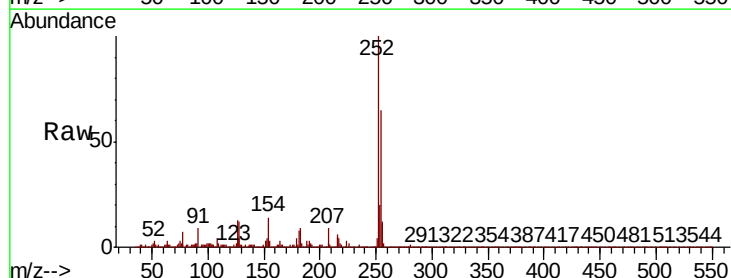
Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Tgt Ion:252 Resp: 429059

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.9	79.3
126	12.5	9.5	14.3

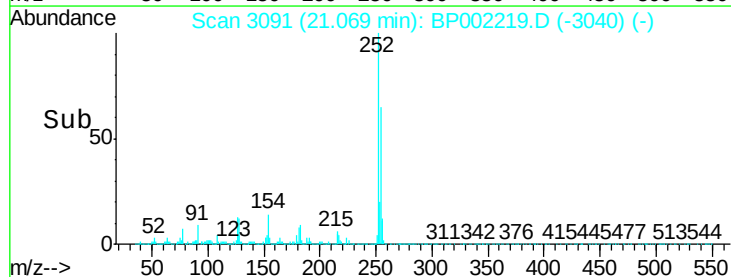
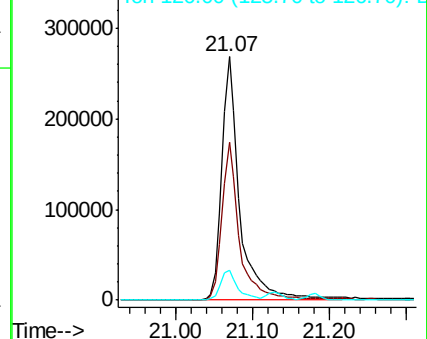


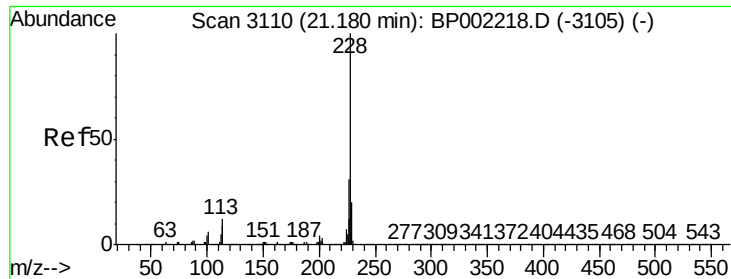
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



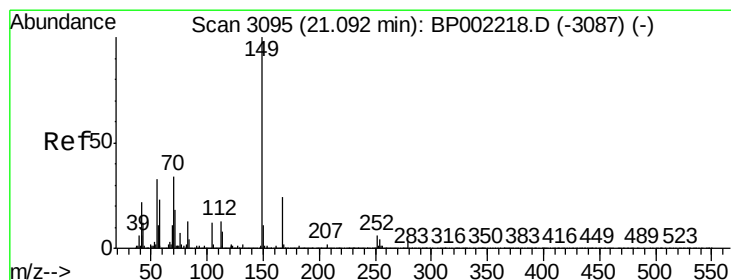
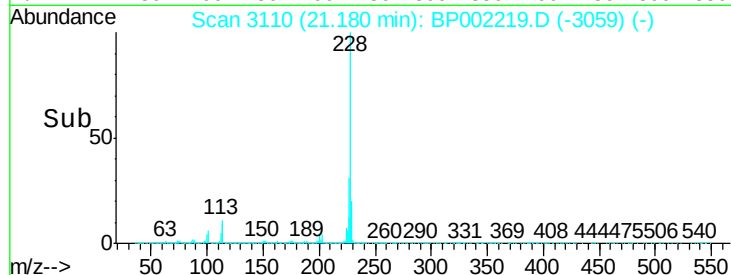
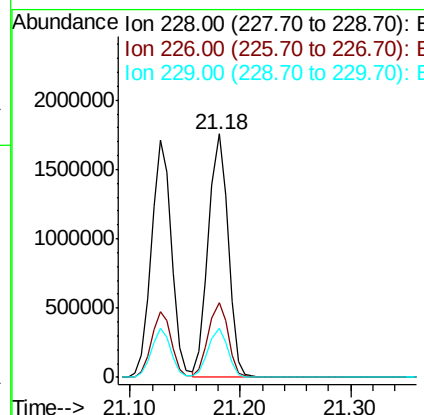
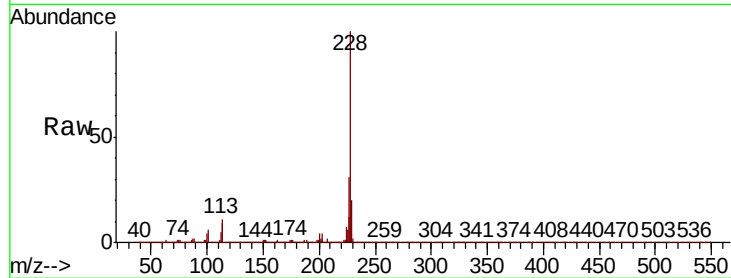


#83
 Chrysene
 Concen: 50.853 ng
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:228 Resp: 2133609

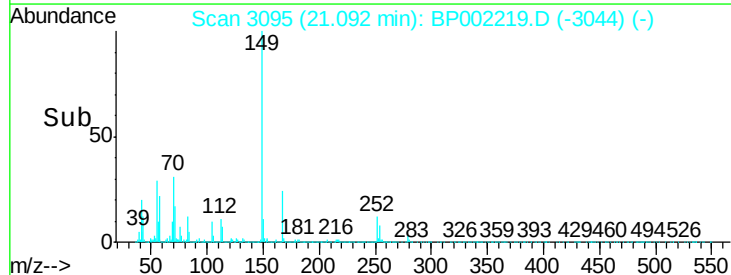
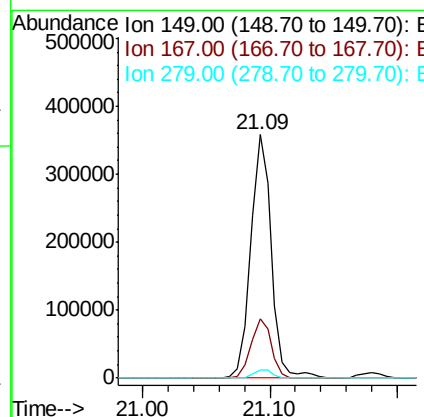
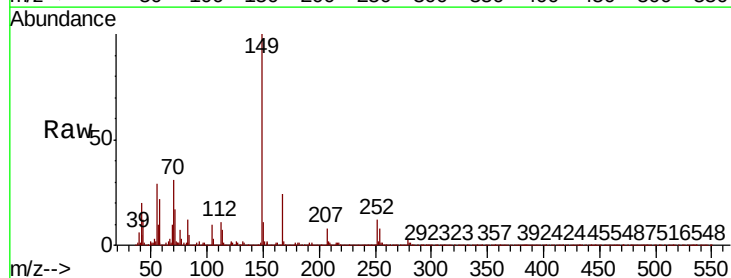
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.0	16.1	24.1

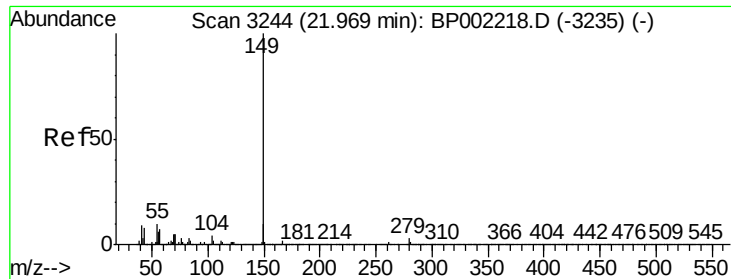


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.153 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.00 min
 Lab File: BP002219.D
 Acq: 18 Mar 2020 17:00

Tgt Ion:149 Resp: 401399

Ion	Ratio	Lower	Upper
149	100		
167	24.4	18.9	28.3
279	3.2	2.3	3.5





#85

Di-n-octyl phthalate

Concen: 15.515 ng

RT: 21.97 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampleId :

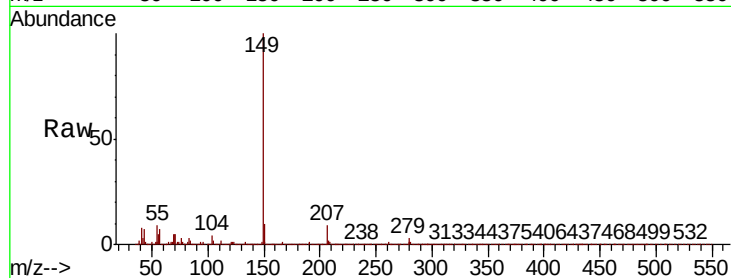
Tot Ion:149 Resp: 692344

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

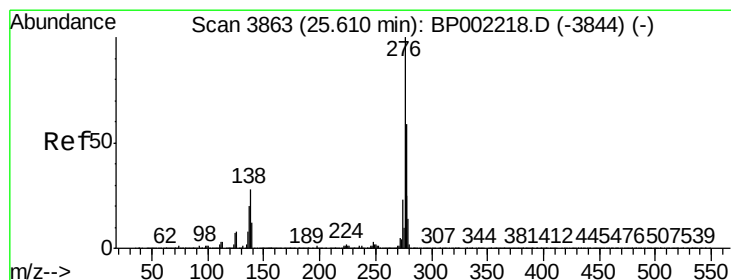
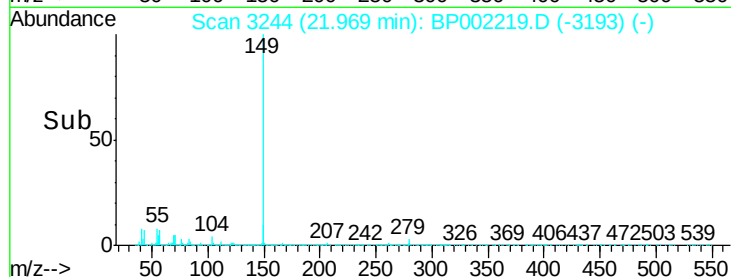
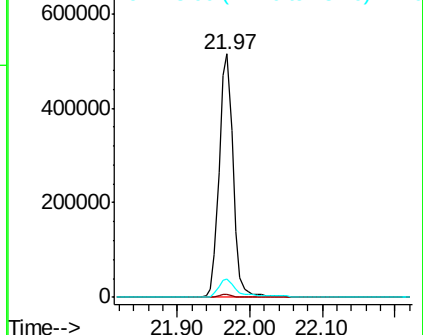
43 11.2 9.3 13.9



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: 47.499 ng

RT: 25.61 min Scan# 3863

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

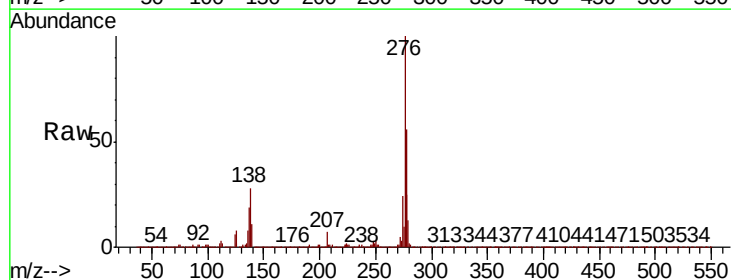
Tgt Ion:276 Resp: 2528540

Ion Ratio Lower Upper

276 100

138 29.3 24.2 36.4

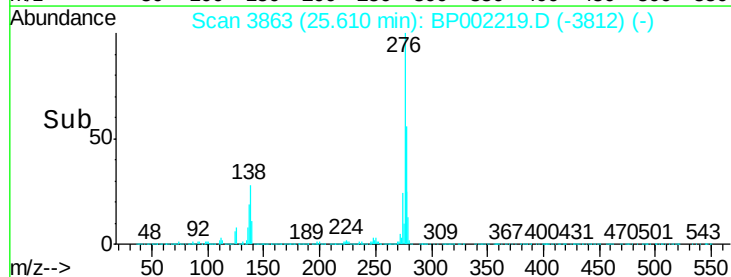
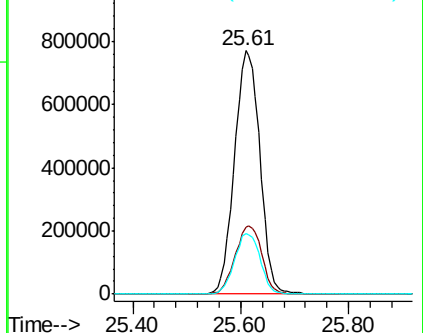
277 25.3 20.1 30.1

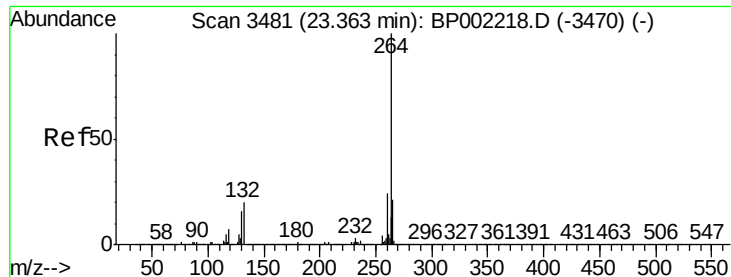


Abundance Ion 276.00 (275.70 to 276.70): E

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: BP002219.D

Acq: 18 Mar 2020 17:00

Instrument :

BNA_P

ClientSampled :

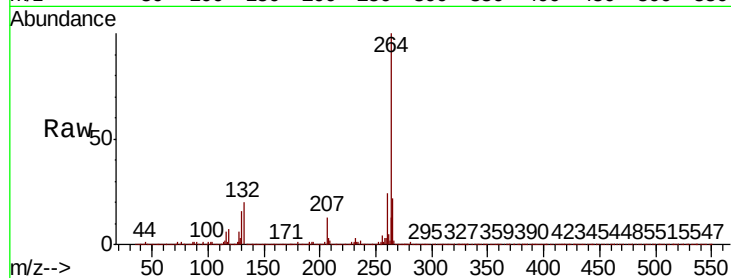
Tot Ion:264 Resp: 700794

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

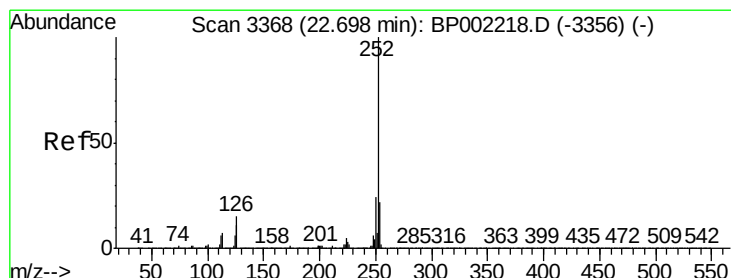
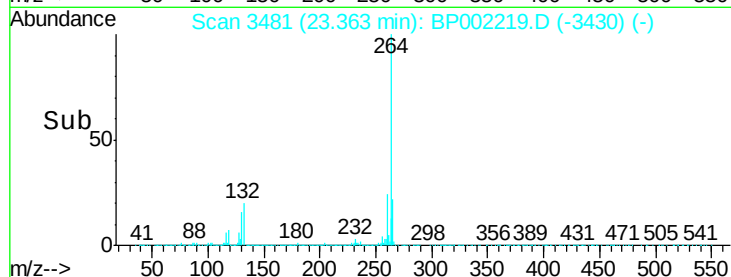
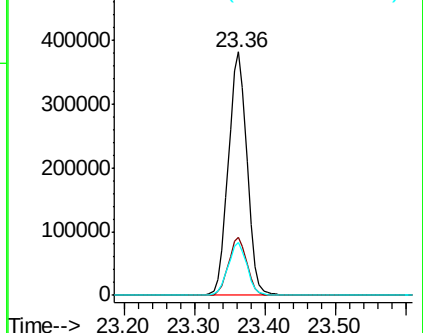
265 21.8 17.1 25.7



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: 52.013 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BP002219.D

Acq: 18 Mar 2020 17:00

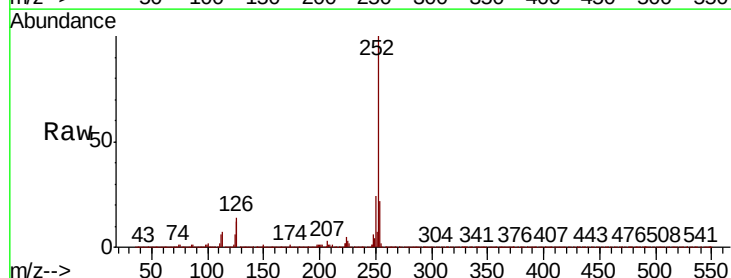
Tgt Ion:252 Resp: 2208264

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

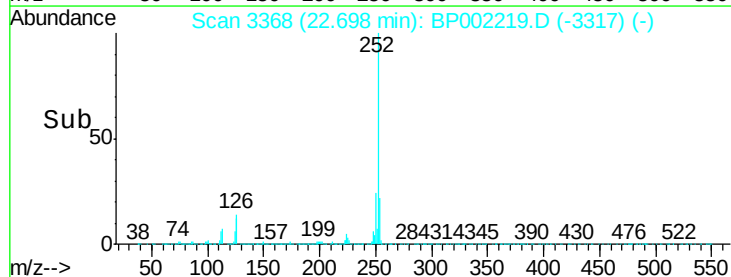
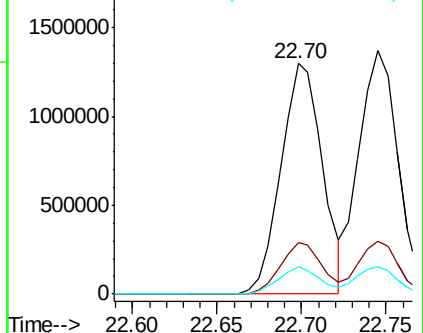
125 11.6 9.1 13.7

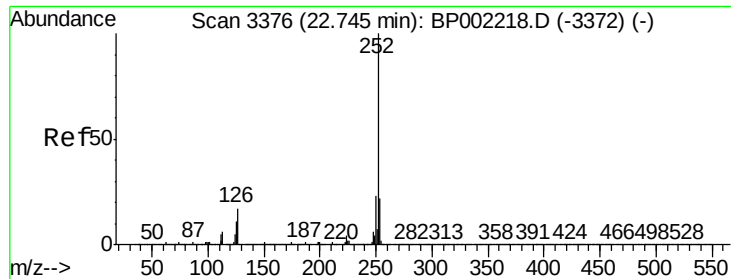


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

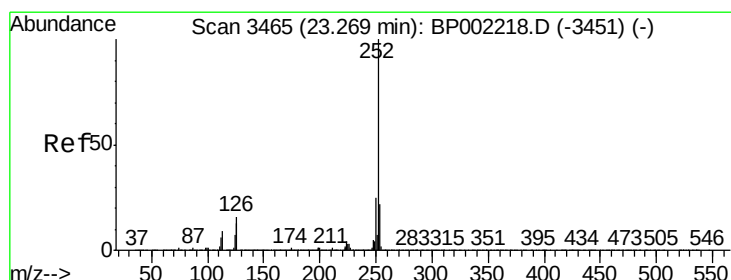
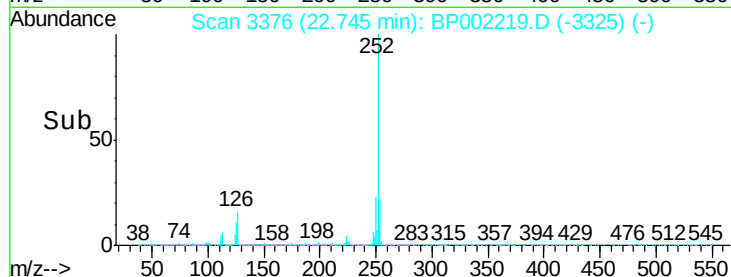
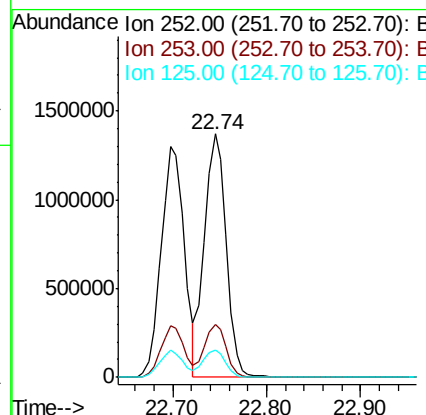
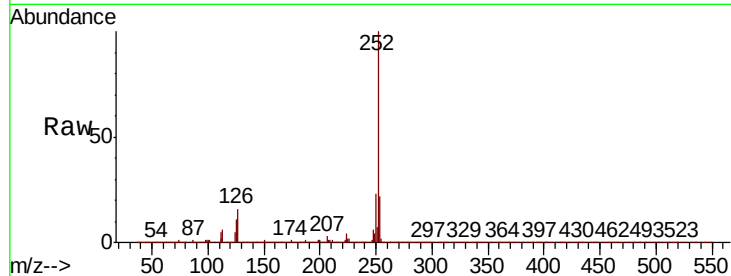




#89
Benzo(k)fluoranthene
Concen: 55.513 ng
RT: 22.74 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

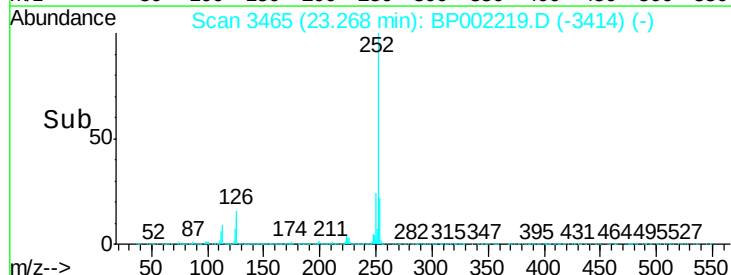
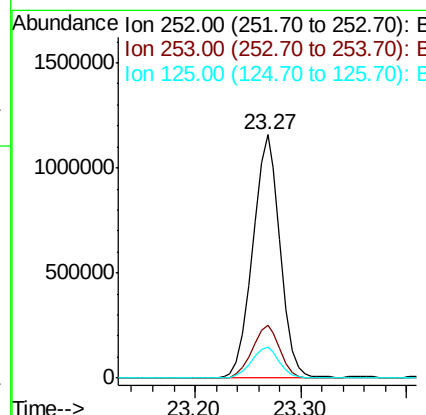
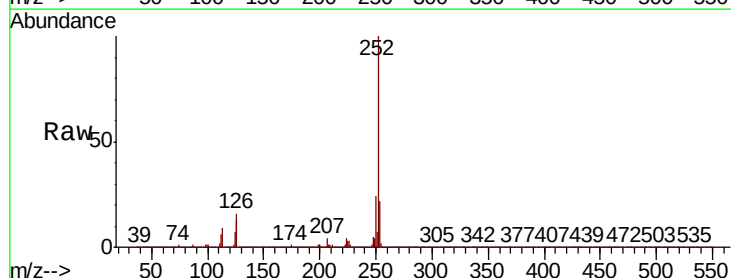
Instrument :
BNA_P
ClientSampleId :

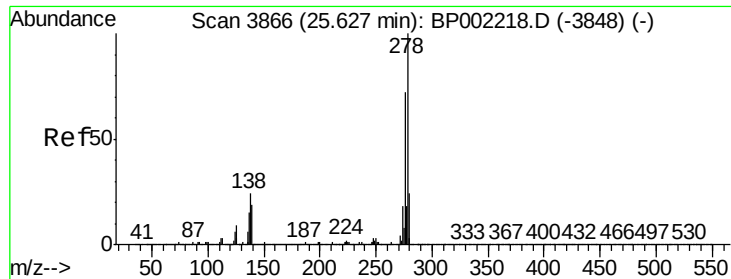
Tot Ion:252 Resp: 2221240
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.1 9.4 14.0



#90
Benzo(a)pyrene
Concen: 53.751 ng
RT: 23.27 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:252 Resp: 2082139
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 13.0 10.4 15.6

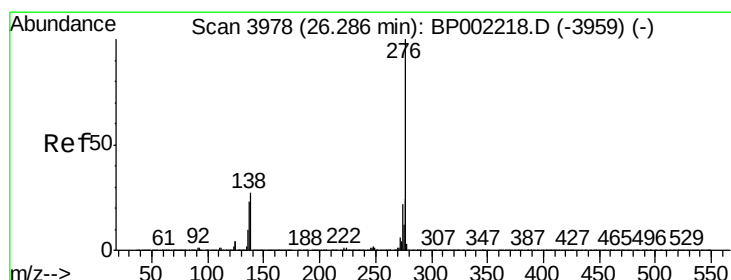
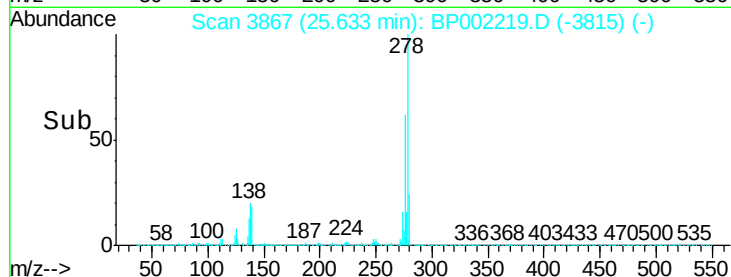
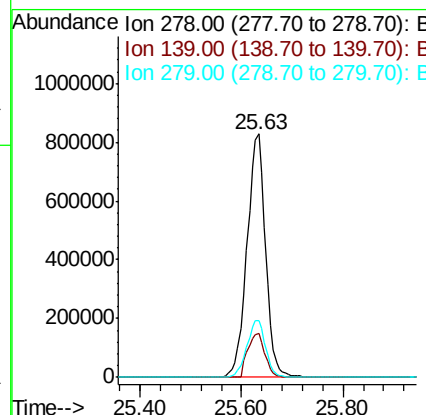
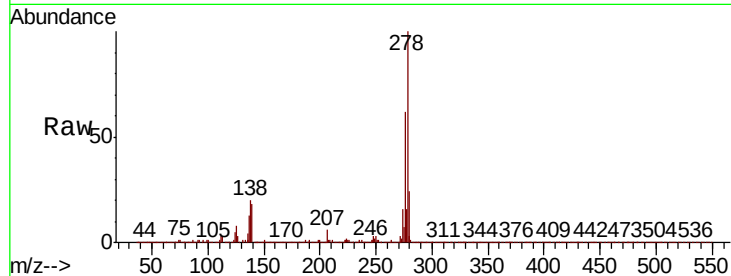




#91
Dibenzo(a,h)anthracene
Concen: 53.138 ng
RT: 25.63 min Scan# 3867
Delta R.T. 0.01 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Instrument :
BNA_P
ClientSampled :

Tot Ion:278 Resp: 2103388
Ion Ratio Lower Upper
278 100
139 18.0 14.8 22.2
279 23.6 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 53.094 ng
RT: 26.30 min Scan# 3980
Delta R.T. 0.01 min
Lab File: BP002219.D
Acq: 18 Mar 2020 17:00

Tgt Ion:276 Resp: 2074008
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 25.0 21.3 31.9

