

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002249.D
 Acq On : 05 May 2020 22:09
 Operator : CG/JU
 Sample : L2475-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 06 01:07:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	402258	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1701234	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	1031697	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	2121962	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1279035	20.00	ng	0.00
87) Perylene-d12	23.32	264	1355886	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2921832	119.83	ng	0.00
7) Phenol-d6	6.80	99	4015698	112.11	ng	0.01
23) Nitrobenzene-d5	8.76	82	2605109	79.08	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1141433	104.53	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	4826716	65.52	ng	0.00
79) Terphenyl-d14	19.60	244	5429516	104.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	323959	30.689	ng	99
3) Pyridine	3.56	79	599171	17.808	ng	99
4) n-Nitrosodimethylamine	3.48	42	459785	37.123	ng	99
6) Aniline	6.96	93	859506	17.551	ng	99
8) 2-Chlorophenol	7.19	128	1208905	43.862	ng	98
9) Benzaldehyde	6.76	77	855601	48.420	ng	99
10) Phenol	6.83	94	1589350	42.095	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	1306808	41.135	ng	96
12) 1,3-Dichlorobenzene	7.51	146	1224547	39.821	ng	99
13) 1,4-Dichlorobenzene	7.65	146	1237921	39.789	ng	99
14) 1,2-Dichlorobenzene	7.97	146	1191766	39.168	ng	98
15) Benzyl Alcohol	7.86	79	1081003	39.754	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	1624704	36.884	ng	99
17) 2-Methylphenol	8.06	107	1048686	37.815	ng	100
18) Hexachloroethane	8.69	117	429724	38.434	ng	95
19) n-Nitroso-di-n-propylamine	8.43	70	873002	34.973	ng	99
20) 3+4-Methylphenols	8.39	107	1421693	37.121	ng	99
22) Acetophenone	8.43	105	1700438	38.699	ng	99
24) Nitrobenzene	8.80	77	1387682	39.542	ng	98
25) Isophorone	9.33	82	2622547	36.137	ng	100
26) 2-Nitrophenol	9.51	139	617672	47.286	ng	97
27) 2,4-Dimethylphenol	9.59	122	1143094	44.870	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1623752	38.615	ng	99
29) 2,4-Dichlorophenol	10.05	162	1166527	43.136	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	1222247	40.955	ng	98
31) Naphthalene	10.44	128	3661417	39.713	ng	99
32) Benzoic acid	9.74	122	675698	40.186	ng	100
33) 4-Chloroaniline	10.56	127	1150763	27.121	ng	99
34) Hexachlorobutadiene	10.75	225	668772	39.225	ng	99
35) Caprolactam	11.32	113	186253	17.924	ng	98
36) 4-Chloro-3-methylphenol	11.69	107	1252336	39.639	ng	98
37) 2-Methylnaphthalene	12.06	142	2611974	39.530	ng	99
38) 1-Methylnaphthalene	12.28	142	2490807	39.586	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	1235458	40.316	ng	98

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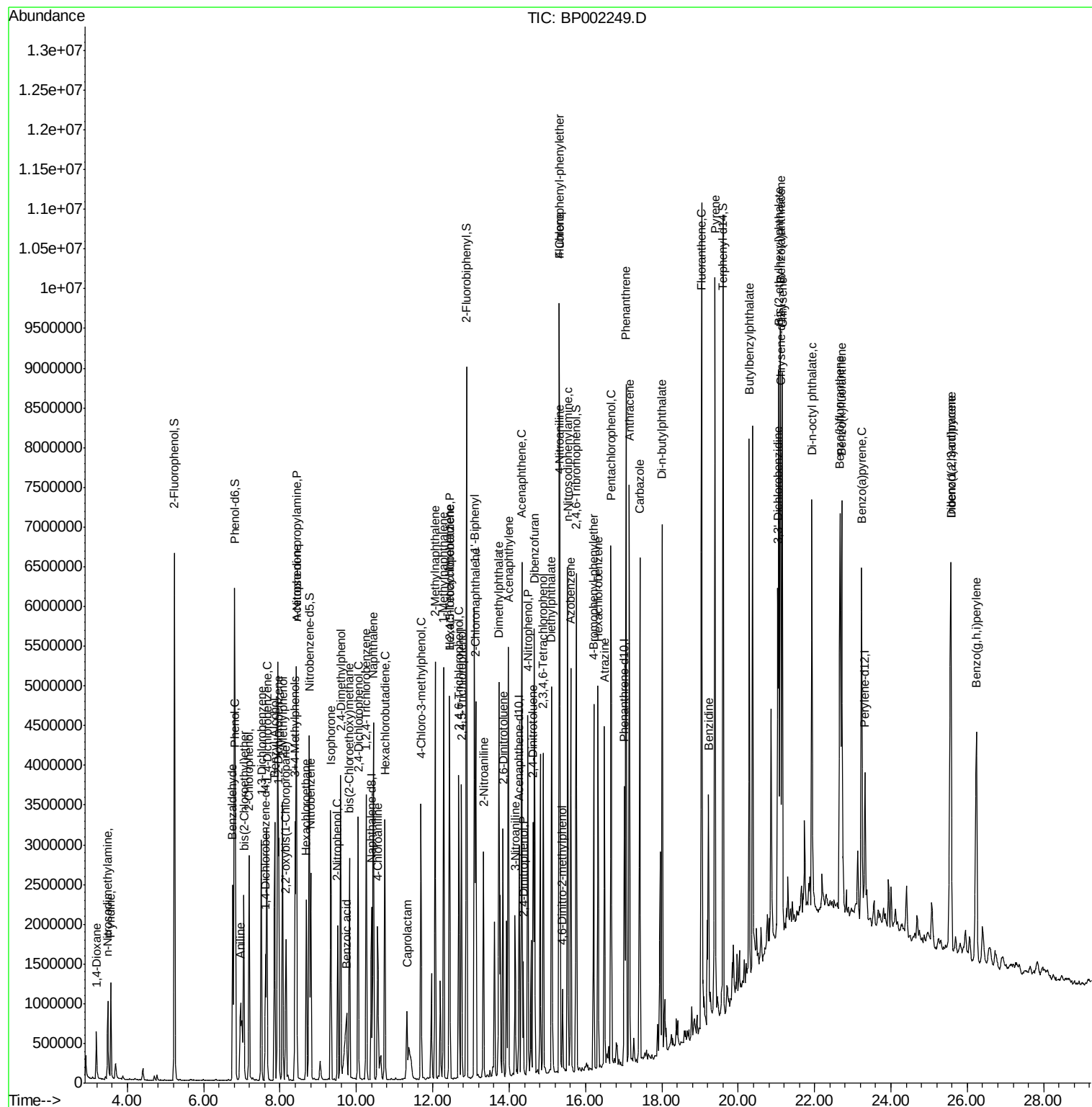
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	354744	25.067	ng	98
43) 2,4,6-Trichlorophenol	12.68	196	888755	42.797	ng	96
44) 2,4,5-Trichlorophenol	12.75	196	971417	39.658	ng	97
46) 1,1'-Biphenyl	13.09	154	3103763	38.389	ng	98
47) 2-Chloronaphthalene	13.13	162	2383157	38.052	ng	98
48) 2-Nitroaniline	13.33	65	784700	41.775	ng	95
49) Acenaphthylene	13.98	152	4033134	39.736	ng	98
50) Dimethylphthalate	13.73	163	3232792	39.754	ng	99
51) 2,6-Dinitrotoluene	13.83	165	650509	38.859	ng	99
52) Acenaphthene	14.33	154	2302886	35.957	ng	99
53) 3-Nitroaniline	14.16	138	497448	24.879	ng	98
54) 2,4-Dinitrophenol	14.37	184	281201	41.095	ng	99
55) Dibenzofuran	14.66	168	3631821	37.547	ng	98
56) 4-Nitrophenol	14.49	139	1258527	79.365	ng	96
57) 2,4-Dinitrotoluene	14.63	165	873660	39.400	ng	99
58) Fluorene	15.32	166	2491627	32.416	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	789415	40.795	ng	98
60) Diethylphthalate	15.11	149	2854880	34.705	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1183377	31.395	ng	99
62) 4-Nitroaniline	15.33	138	606319	31.927	ng	98
63) Azobenzene	15.61	77	3113743	36.147	ng	98
65) 4,6-Dinitro-2-methylphenol	15.40	198	210085	23.976	ng	98
66) n-Nitrosodiphenylamine	15.53	169	2468047	39.766	ng	100
67) 4-Bromophenyl-phenylether	16.22	248	865383	38.221	ng	99
68) Hexachlorobenzene	16.33	284	937637	39.115	ng	99
69) Atrazine	16.50	200	779268	41.336	ng	99
70) Pentachlorophenol	16.67	266	1171342	81.396	ng	98
71) Phenanthrene	17.06	178	5294173	44.365	ng	99
72) Anthracene	17.15	178	4608951	39.200	ng	99
73) Carbazole	17.42	167	4298784	37.840	ng	97
74) Di-n-butylphthalate	18.00	149	4953035	38.646	ng	98
75) Fluoranthene	19.04	202	6728199	49.146	ng	98
77) Benzidine	19.22	184	1872123	52.309	ng	99
78) Pyrene	19.39	202	6264697	72.104	ng	95
80) Butylbenzylphthalate	20.29	149	1900295	67.459	ng	99
81) Benzo(a)anthracene	21.10	228	4266230	51.420	ng	97
82) 3,3'-Dichlorobenzidine	21.04	252	1336004	43.340	ng	100
83) Chrysene	21.15	228	4027826	49.432	ng	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	2899596	59.364	ng	# 98
85) Di-n-octyl phthalate	21.93	149	4520265	50.105	ng	96
86) Indeno(1,2,3-cd)pyrene	25.56	276	4209246	37.966	ng	97
88) Benzo(b)fluoranthene	22.66	252	4273821	52.419	ng	99
89) Benzo(k)fluoranthene	22.71	252	3496550	41.867	ng	97
90) Benzo(a)pyrene	23.23	252	3732323	47.549	ng	97
91) Dibenzo(a,h)anthracene	25.57	278	3085872	38.708	ng	99
92) Benzo(g,h,i)perylene	26.24	276	3845076	45.639	ng	97

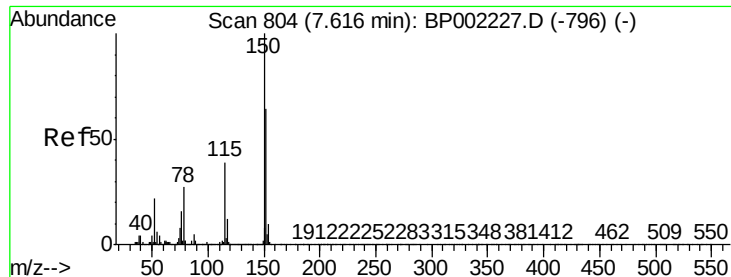
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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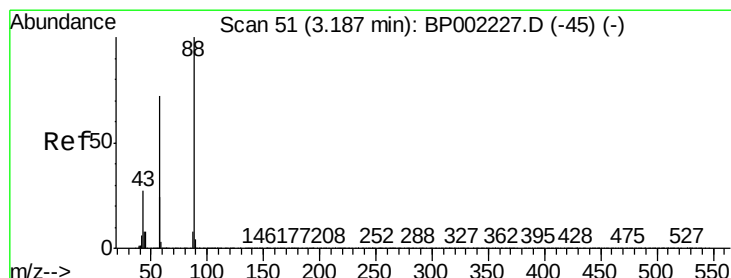
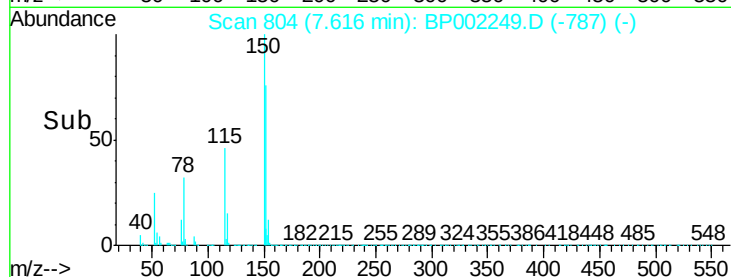
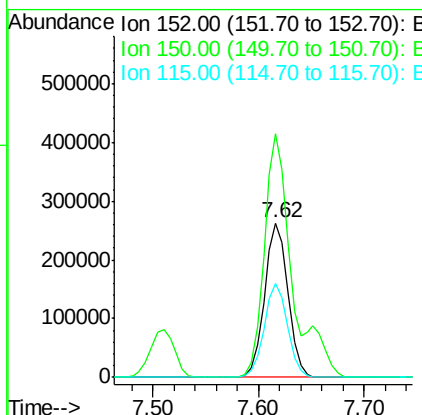
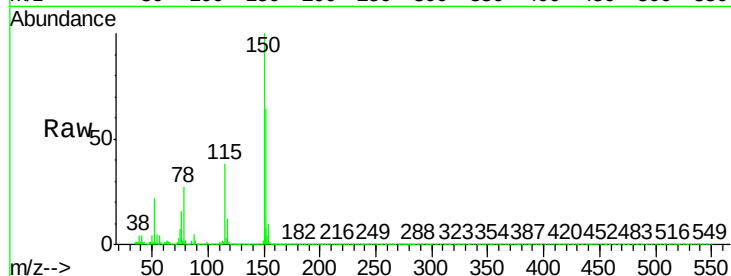


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 804
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampled :

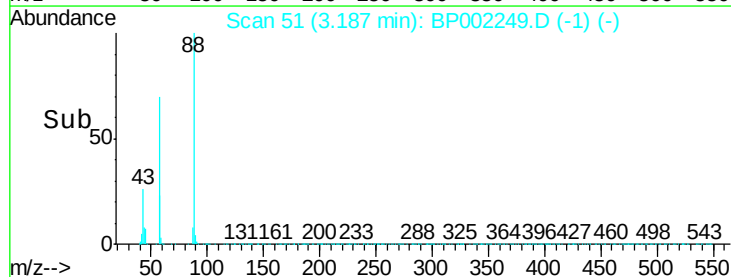
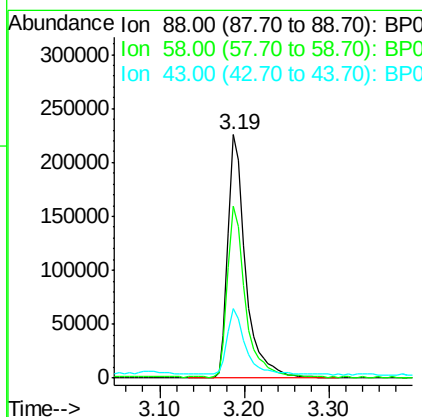
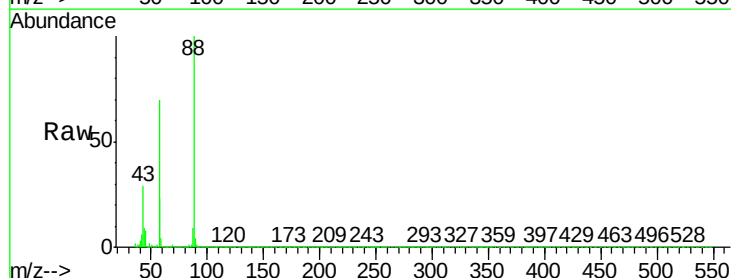
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	60.4	48.3	72.5

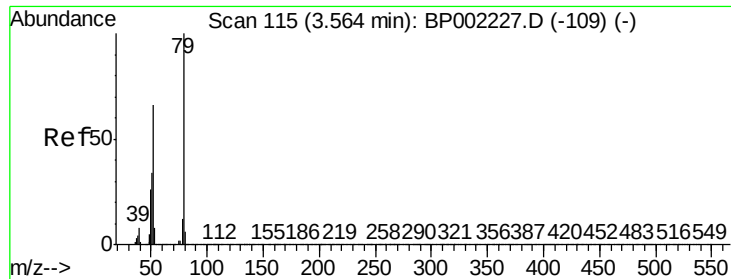


#2

1,4-Dioxane
Concen: 30.689 ng
RT: 3.19 min Scan# 51
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	57.8	86.8
43	27.3	21.8	32.6





#3

Pvridine

Concen: 17.808 ng

RT: 3.56 min Scan# 115

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampled :

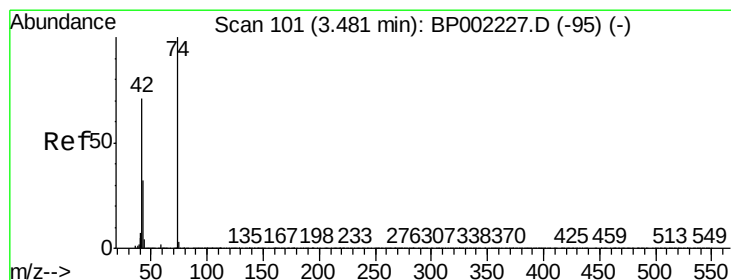
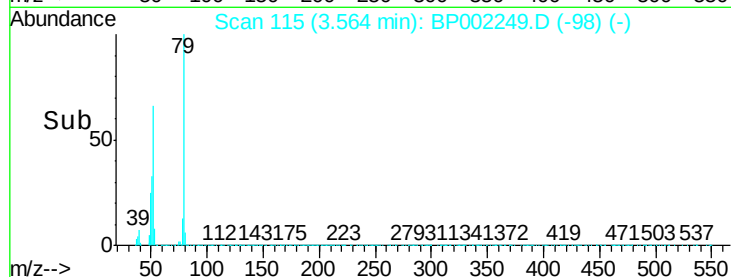
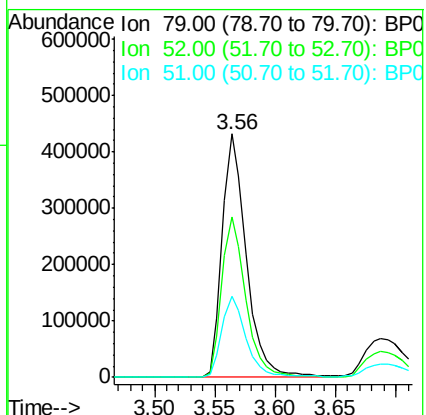
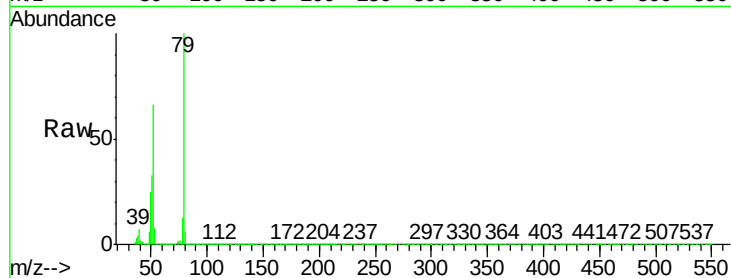
Tot Ion: 79 Resp: 599171

Ion Ratio Lower Upper

79 100

52 66.1 52.8 79.2

51 33.1 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 37.123 ng

RT: 3.48 min Scan# 101

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

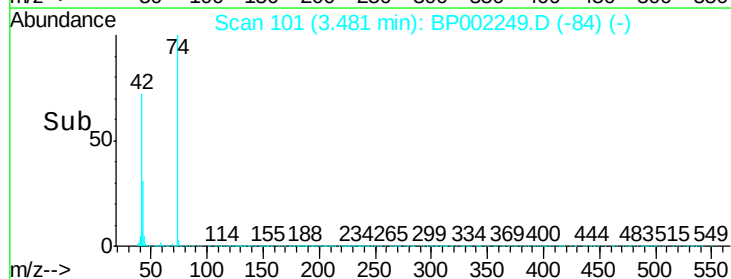
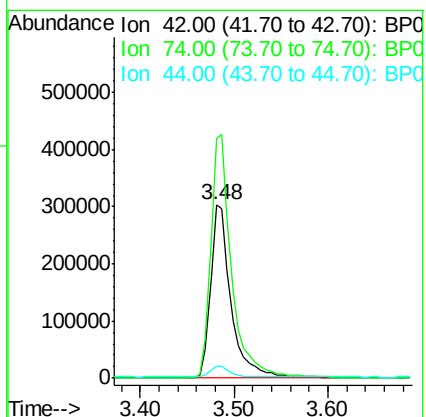
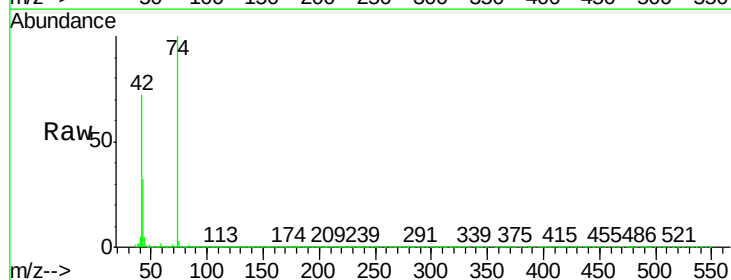
Tgt Ion: 42 Resp: 459785

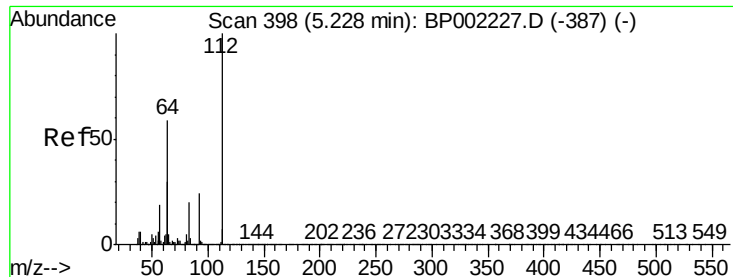
Ion Ratio Lower Upper

42 100

74 138.6 112.3 168.5

44 6.9 5.4 8.0





#5

2-Fluorophenol

Concen: 119.826 ng

RT: 5.23 min Scan# 399

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

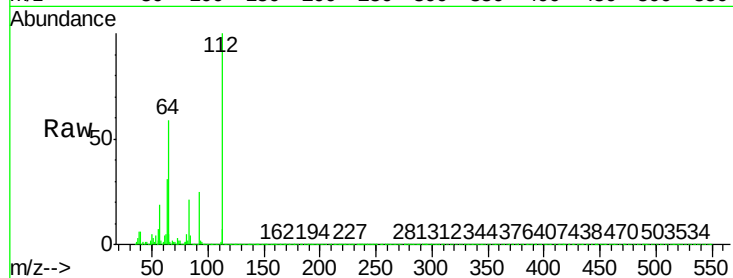
Tot Ion:112 Resp: 2921832

Ion Ratio Lower Upper

112 100

64 59.4 46.9 70.3

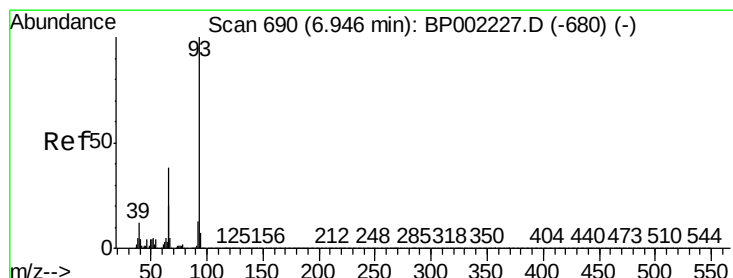
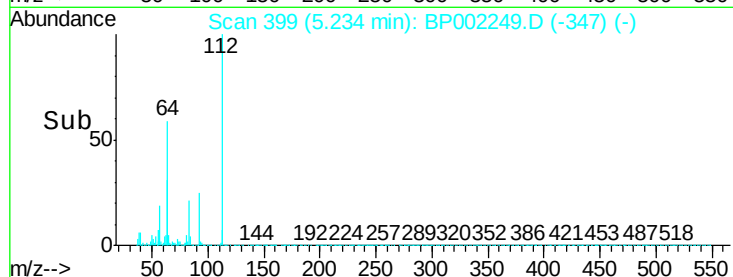
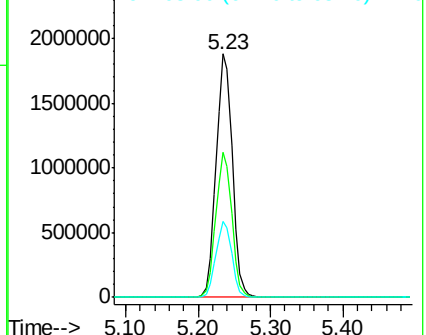
63 31.3 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 17.551 ng

RT: 6.96 min Scan# 693

Delta R.T. 0.02 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

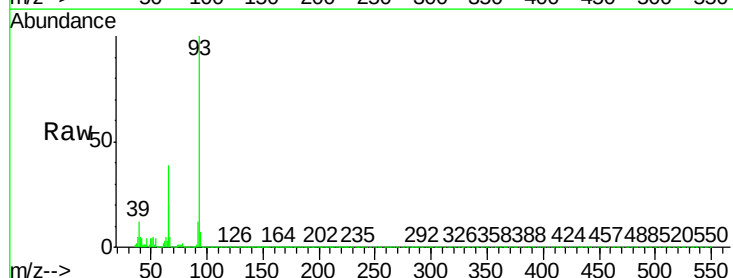
Tgt Ion: 93 Resp: 859506

Ion Ratio Lower Upper

93 100

66 38.7 30.3 45.5

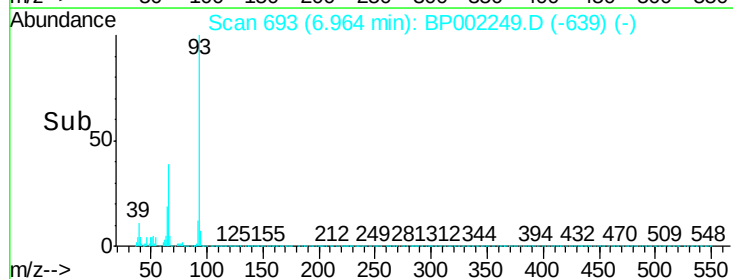
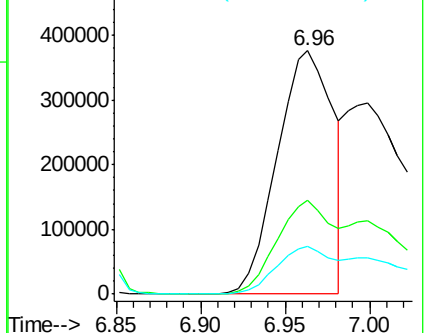
65 19.6 15.9 23.9

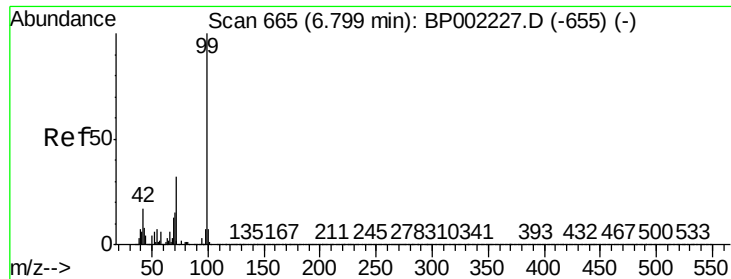


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 112.113 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

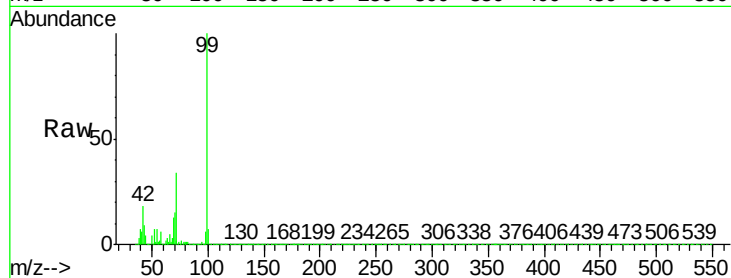
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 4015698

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.0	21.0
71	33.8	25.9	38.9

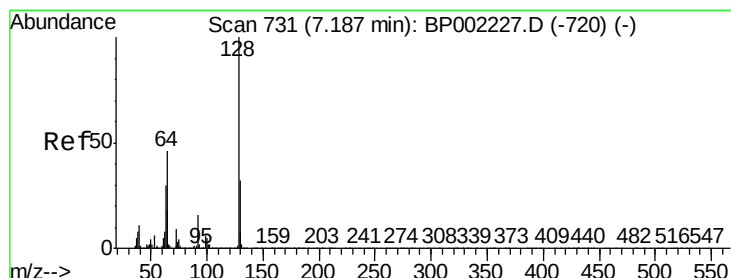
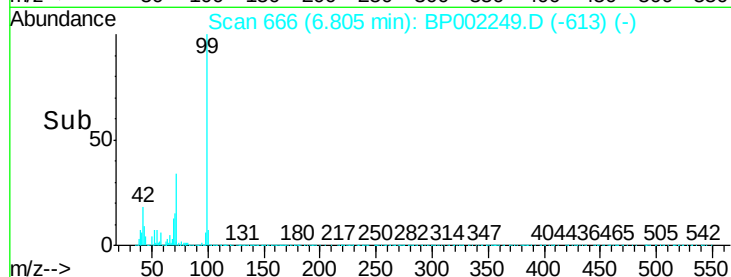
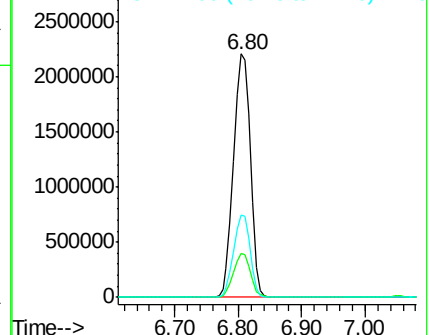


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 43.862 ng

RT: 7.19 min Scan# 731

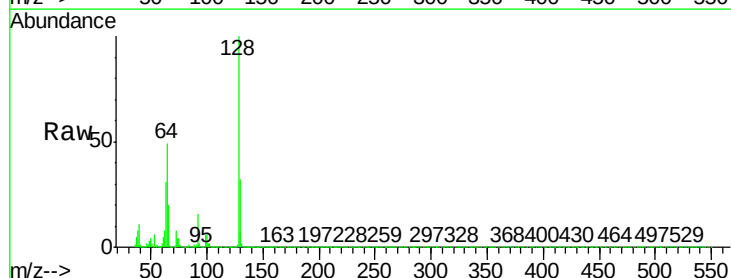
Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion: 128 Resp: 1208905

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.9	51.9
64	48.5	26.2	66.2

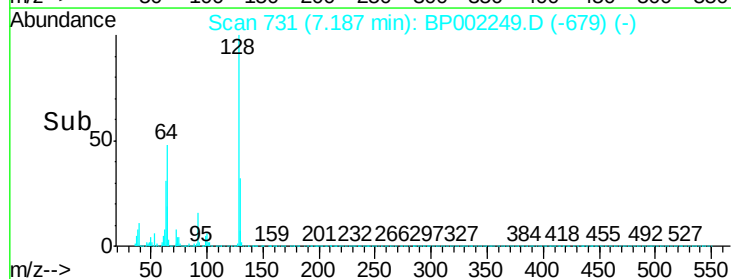
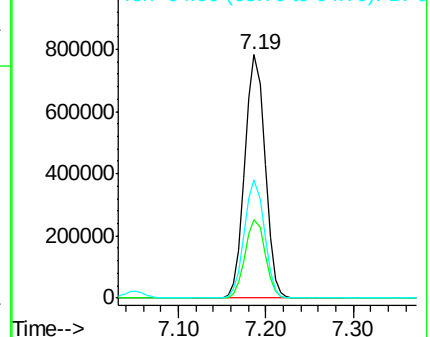


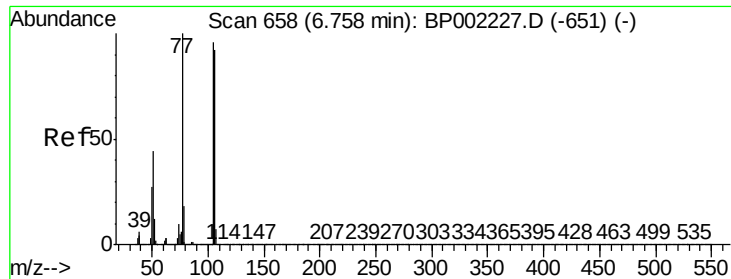
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 48.420 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002249.D

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ClientSampleId :

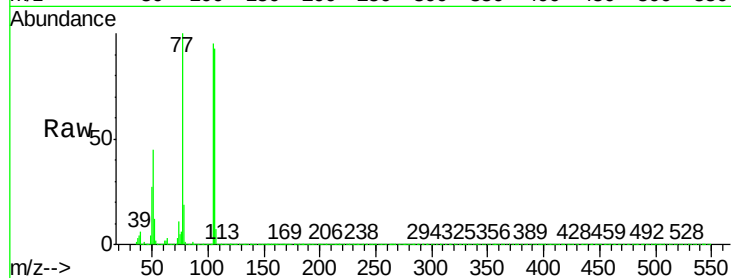
Tot Ion: 77 Resp: 855601

Ion Ratio Lower Upper

77 100

105 95.3 76.0 116.0

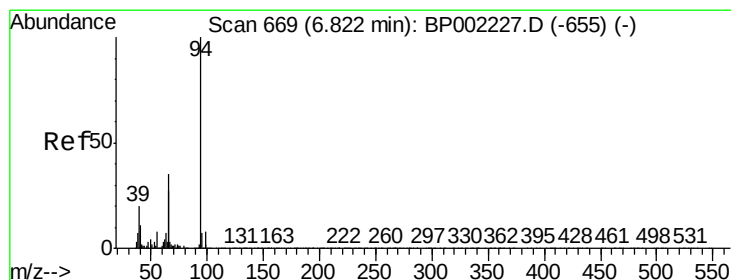
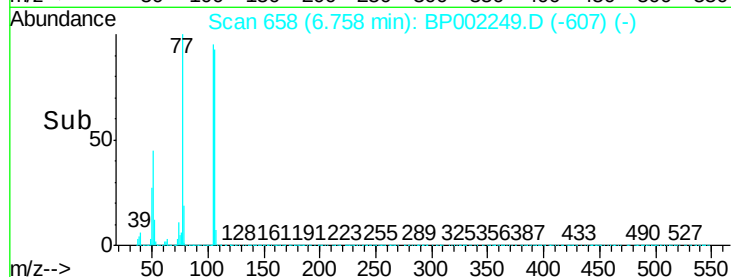
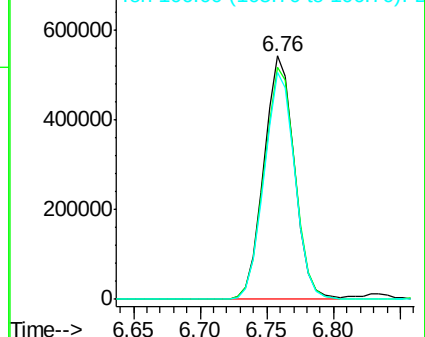
106 93.1 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.095 ng

RT: 6.83 min Scan# 671

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

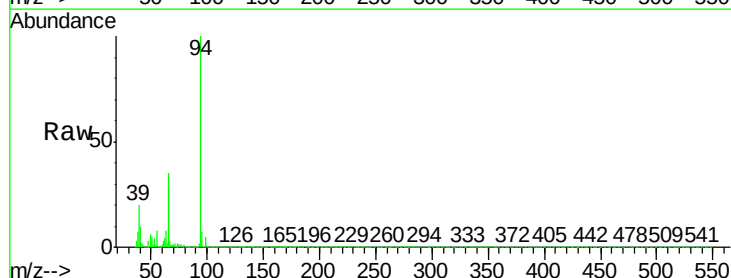
Tgt Ion: 94 Resp: 1589350

Ion Ratio Lower Upper

94 100

65 27.2 7.2 47.2

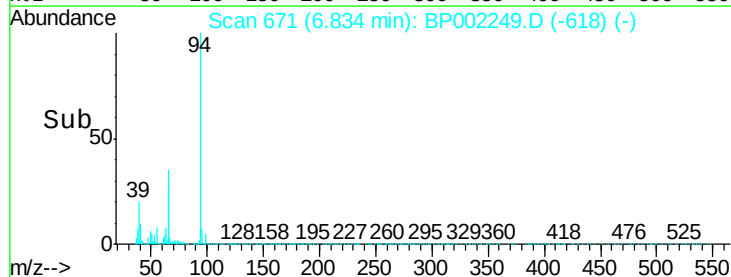
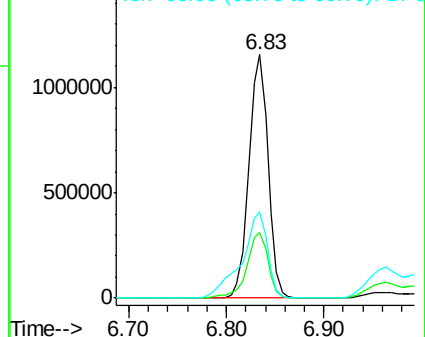
66 35.2 14.9 54.9

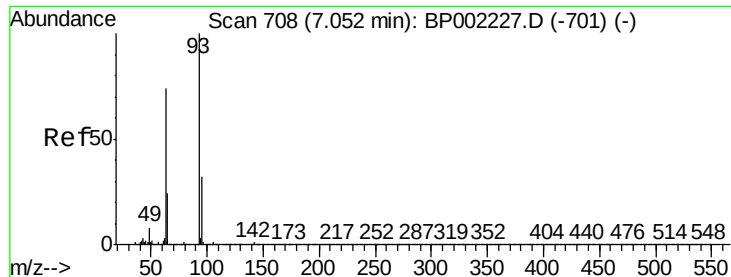


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

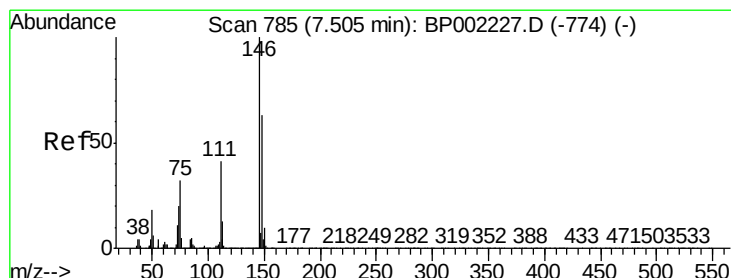
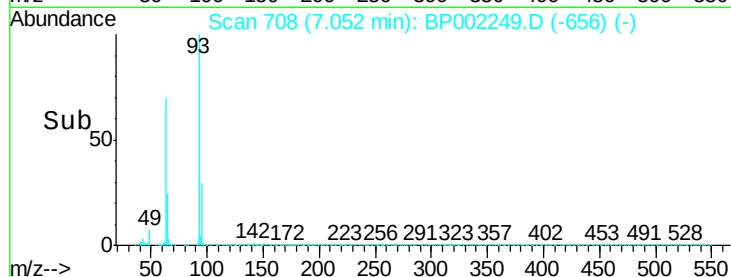
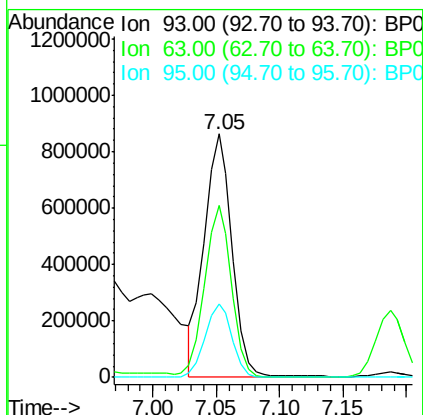
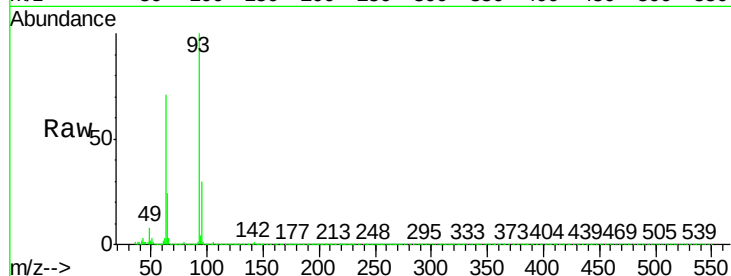




#11
bis(2-Chloroethyl)ether
Concen: 41.135 ng
RT: 7.05 min Scan# 708
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

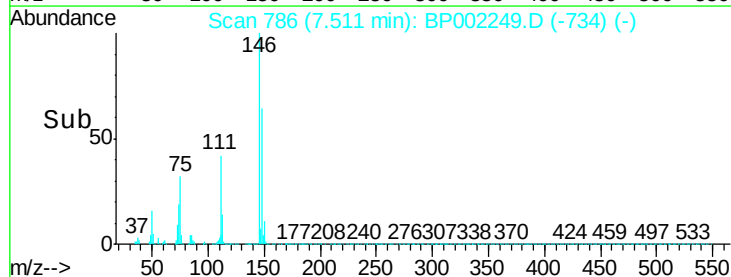
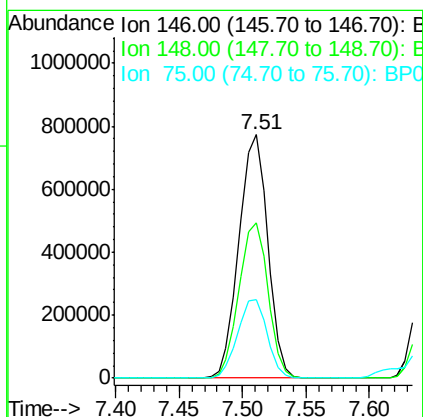
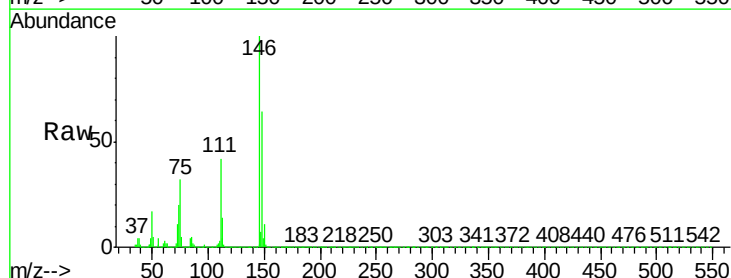
Instrument :
BNA_P
ClientSampleId :

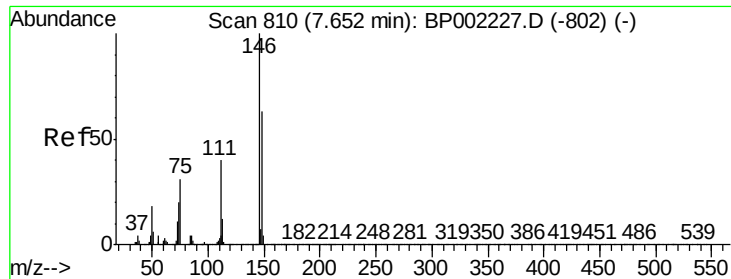
Tot Ion: 93 Resp: 1306808
Ion Ratio Lower Upper
93 100
63 70.7 53.6 93.6
95 30.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.821 ng
RT: 7.51 min Scan# 786
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion: 146 Resp: 1224547
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
75 32.5 26.0 39.0

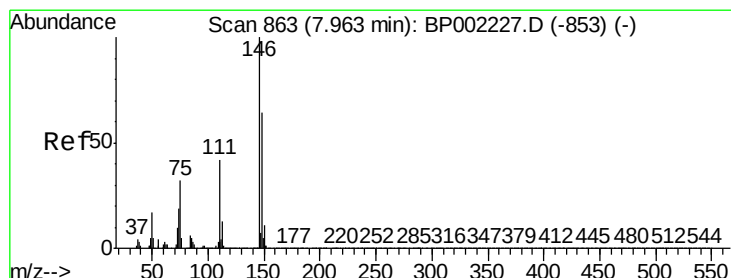
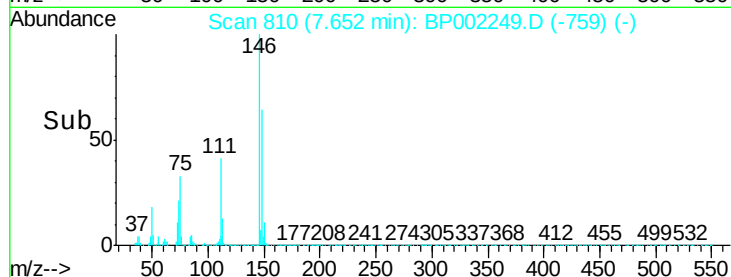
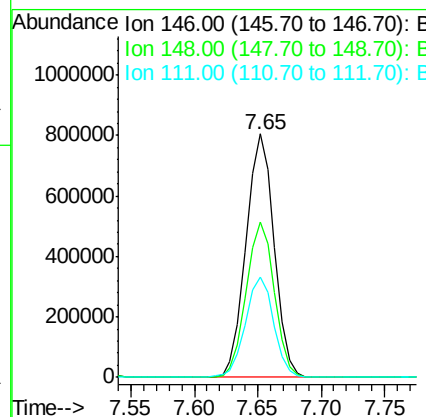
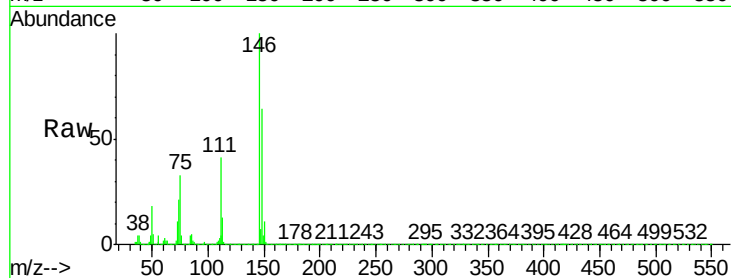




#13
1,4-Dichlorobenzene
Concen: 39.789 ng
RT: 7.65 min Scan# 810
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

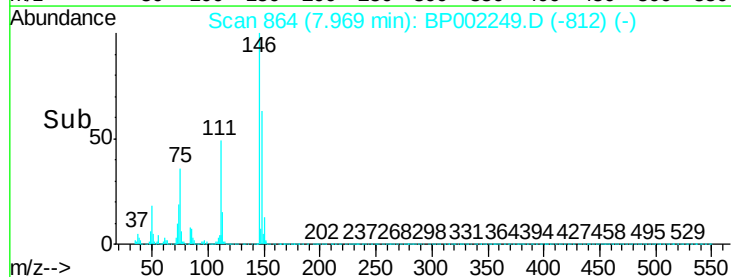
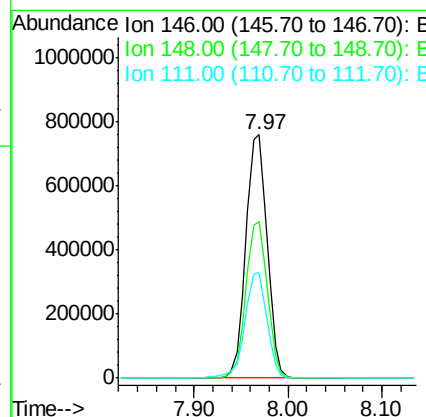
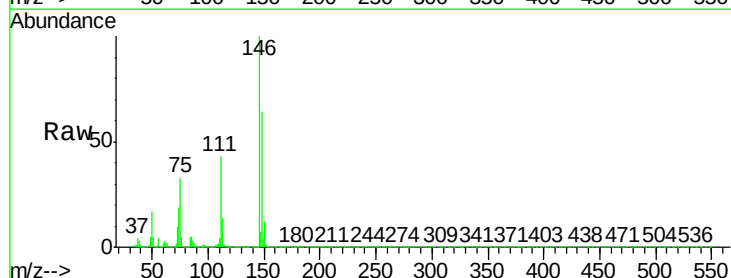
Instrument :
BNA_P
ClientSampleId :

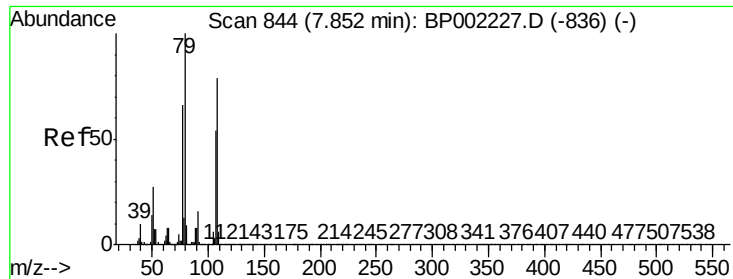
Tot Ion:146 Resp: 1237921
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 41.3 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 39.168 ng
RT: 7.97 min Scan# 864
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:146 Resp: 1191766
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 43.5 33.5 50.3

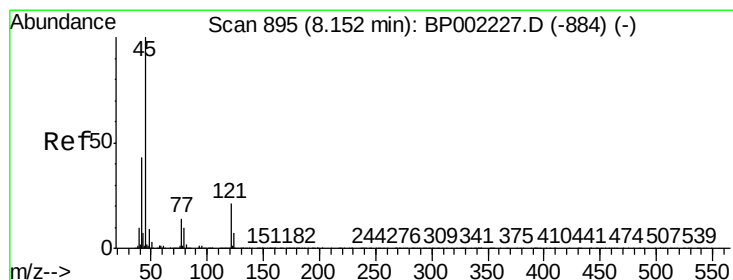
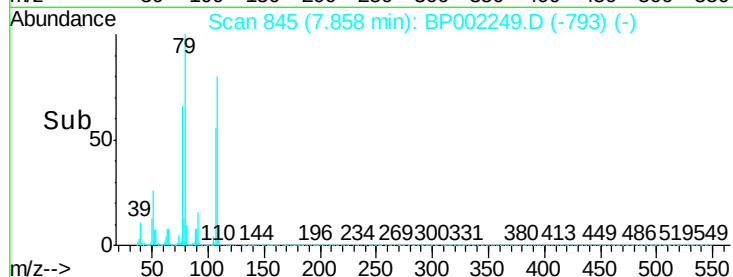
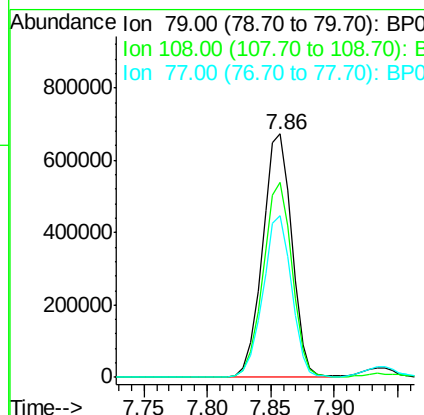
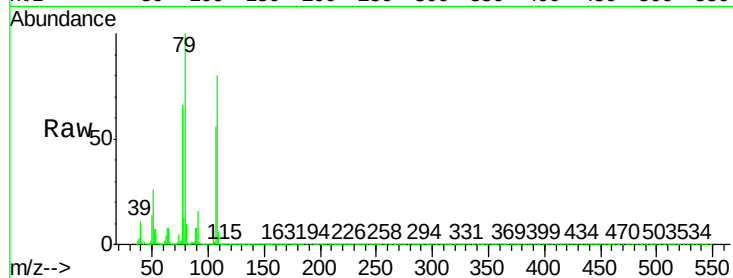




#15
Benzyl Alcohol
Concen: 39.754 ng
RT: 7.86 min Scan# 845
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

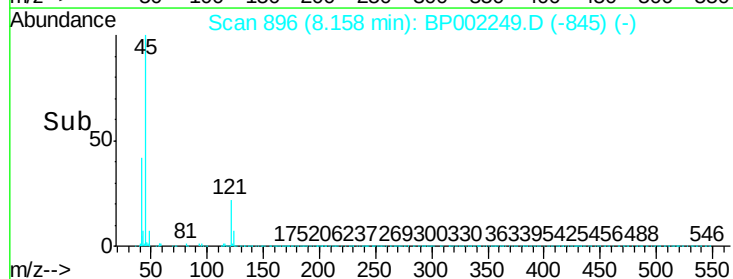
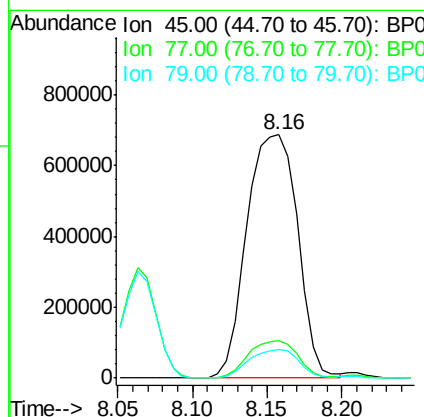
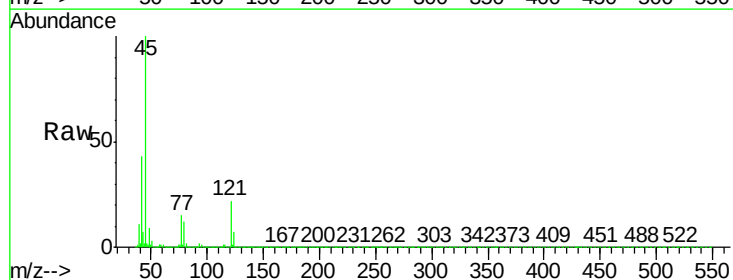
Instrument :
BNA_P
ClientSampled :

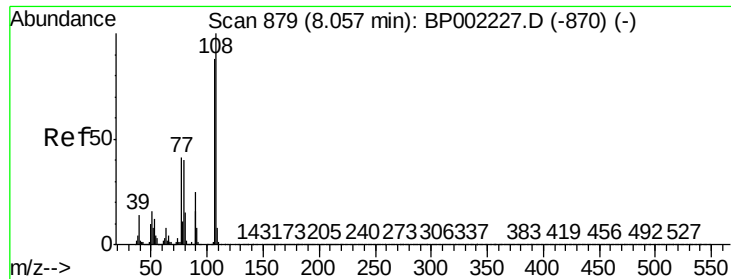
Tot Ion: 79 Resp: 1081003
Ion Ratio Lower Upper
79 100
108 80.0 63.2 94.8
77 66.3 53.1 79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.884 ng
RT: 8.16 min Scan# 896
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion: 45 Resp: 1624704
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.0
79 12.0 0.0 31.3





#17

2-Methylphenol

Concen: 37.815 ng

RT: 8.06 min Scan# 880

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 1048686

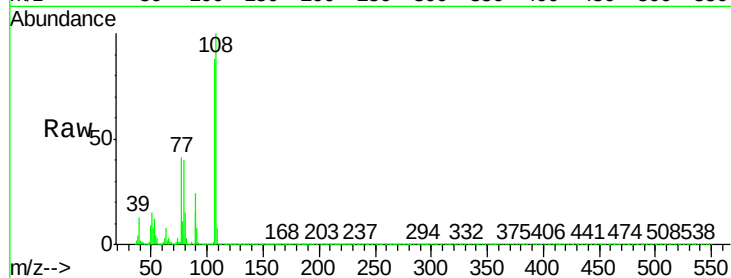
Ion Ratio Lower Upper

107 100

108 113.5 90.6 136.0

77 46.9 37.3 55.9

79 45.1 35.9 53.9



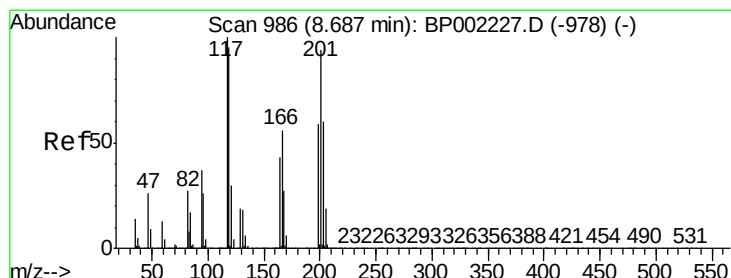
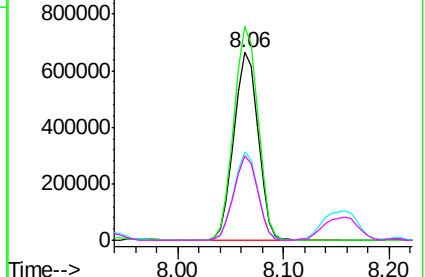
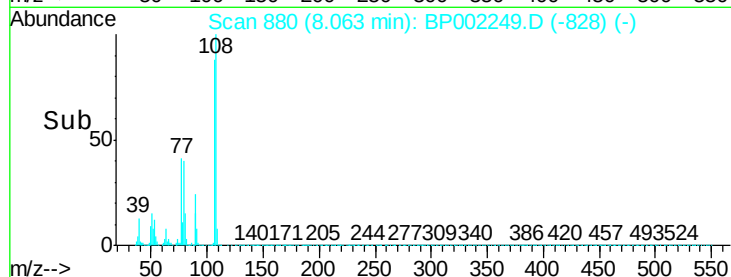
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

Time-->



#18

Hexachloroethane

Concen: 38.434 ng

RT: 8.69 min Scan# 986

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

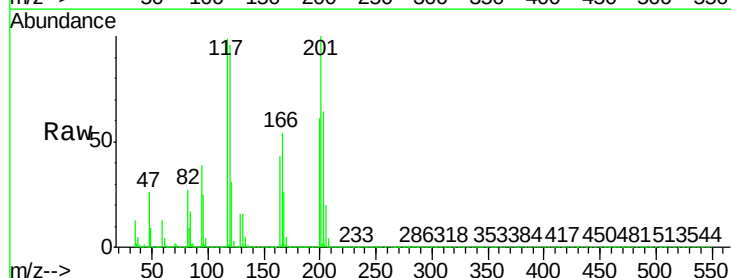
Tgt Ion:117 Resp: 429724

Ion Ratio Lower Upper

117 100

119 96.9 75.7 113.5

201 101.0 75.2 112.8

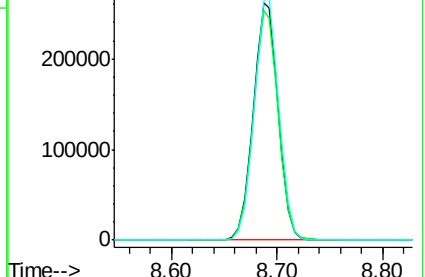
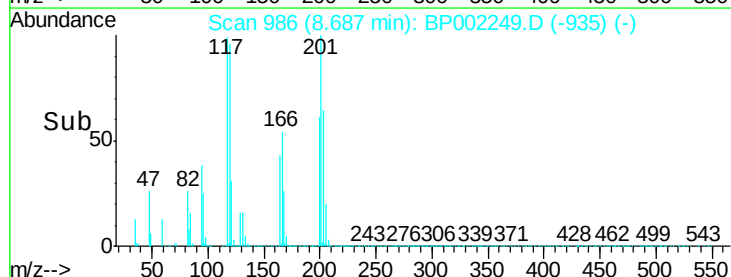


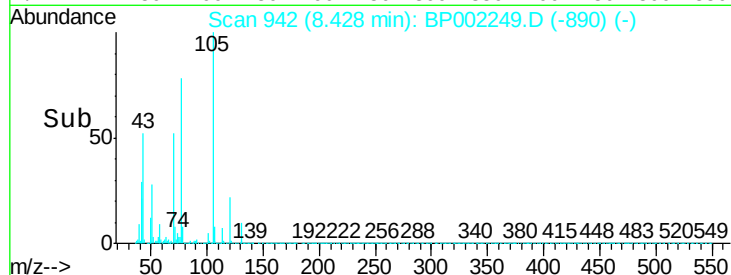
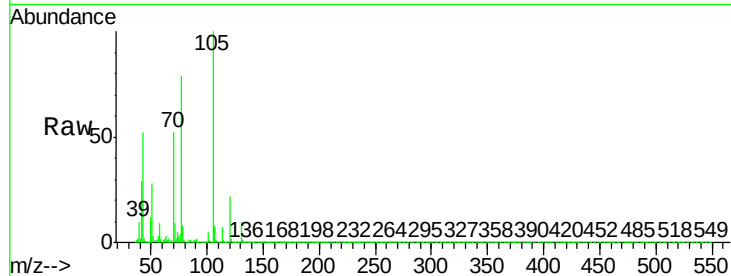
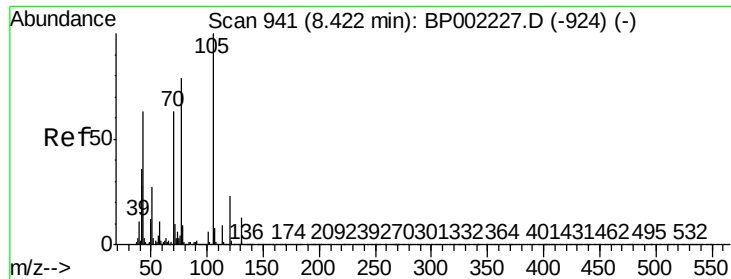
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

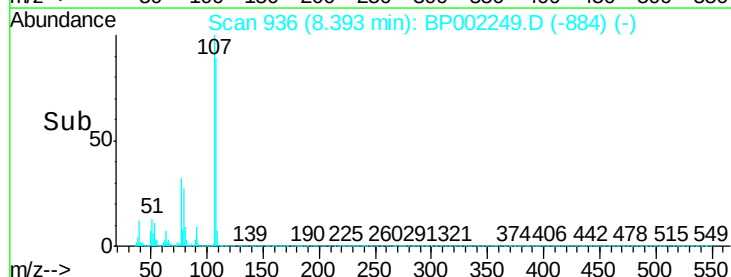
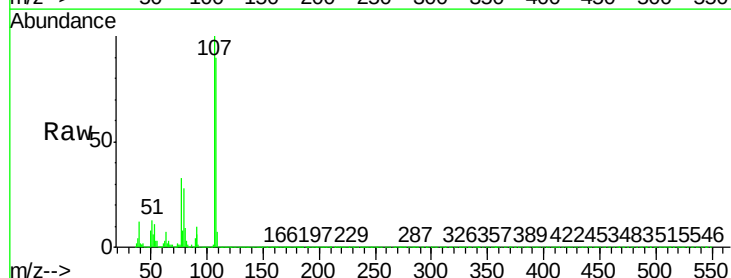
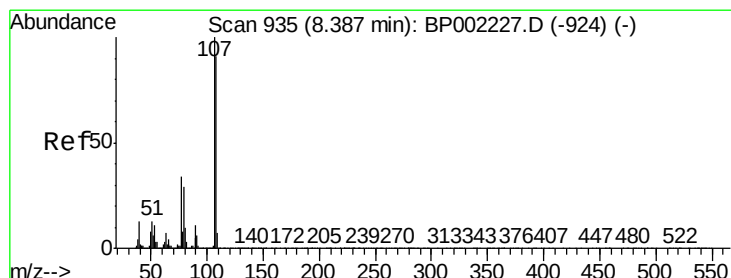
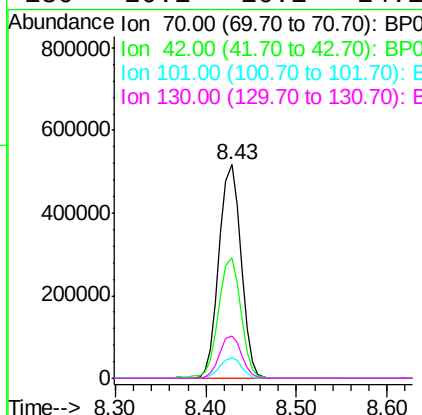




#19
n-Nitroso-di-n-propylamine
Concen: 34.973 ng
RT: 8.43 min Scan# 942
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

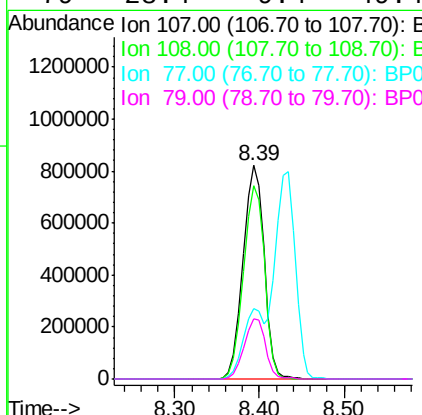
Instrument :
BNA_P
ClientSampleId :

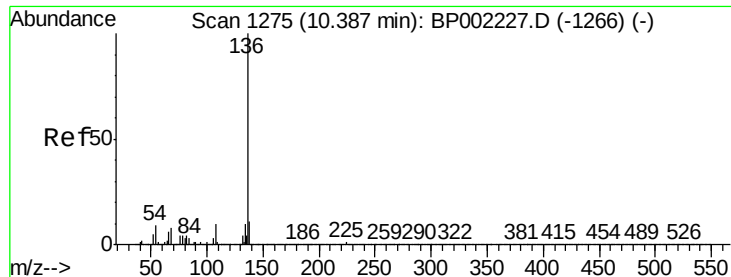
Tot Ion:	70	Resp:	873002
Ion	Ratio	Lower	Upper
70	100		
42	56.1	45.4	68.2
101	9.5	7.5	11.3
130	20.1	16.1	24.1



#20
3+4-Methylphenols
Concen: 37.121 ng
RT: 8.39 min Scan# 936
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:	107	Resp:	1421693
Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.1	111.1
77	32.9	13.6	53.6
79	28.4	9.4	49.4

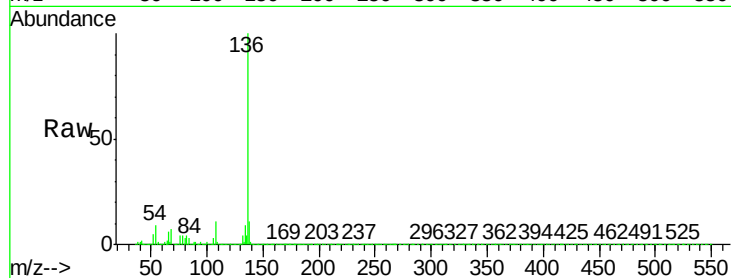




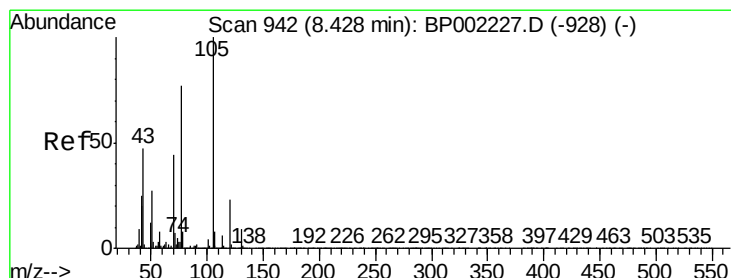
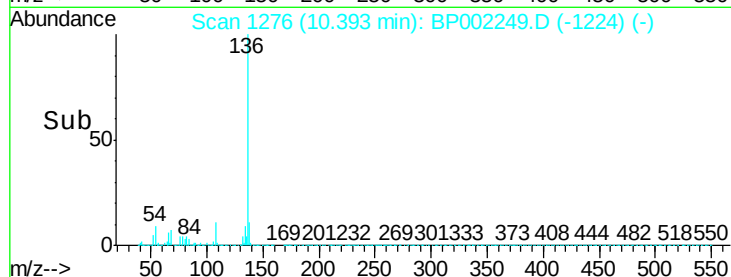
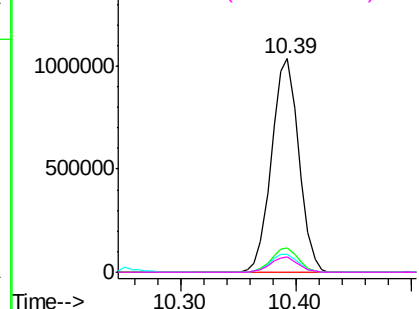
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 1701234
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.6
54 8.5	7.0 10.6
68 7.4	6.0 9.0

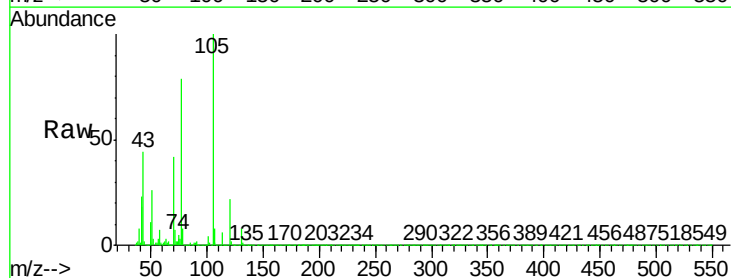


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

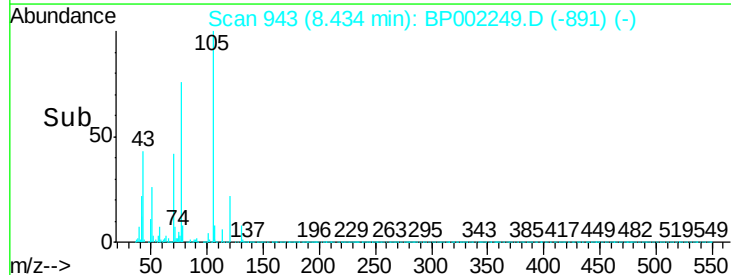
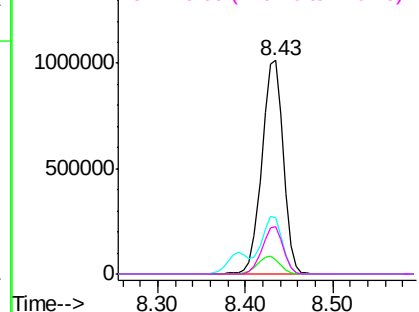


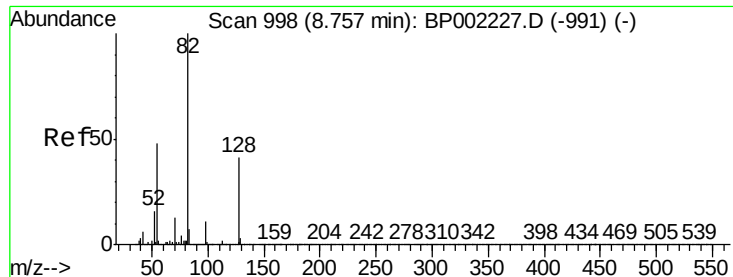
#22
Acetophenone
Concen: 38.699 ng
RT: 8.43 min Scan# 943
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt	Ion:105	Resp:	1700438
Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.8	8.8
51	26.1	21.3	31.9
120	22.2	18.1	27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BP0
Ion 51.00 (50.70 to 51.70): BP0
Ion 120.00 (119.70 to 120.70): E

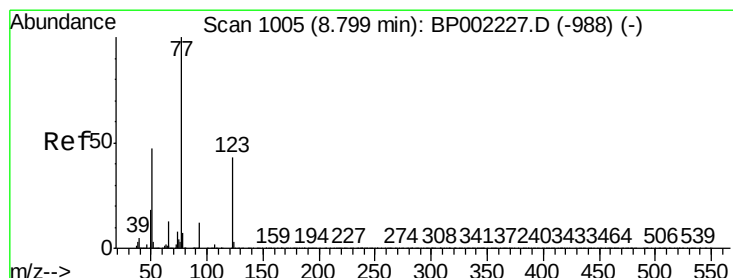
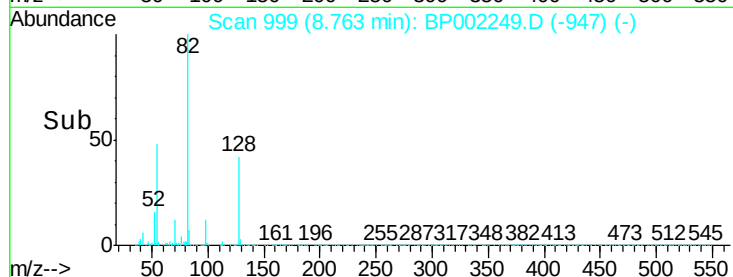
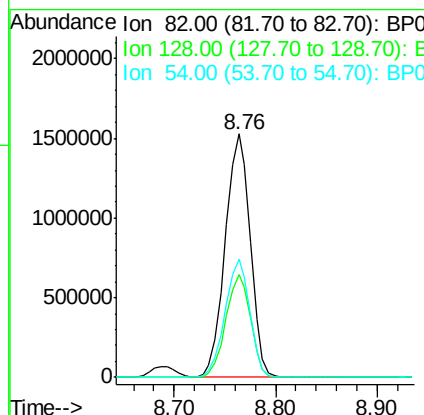
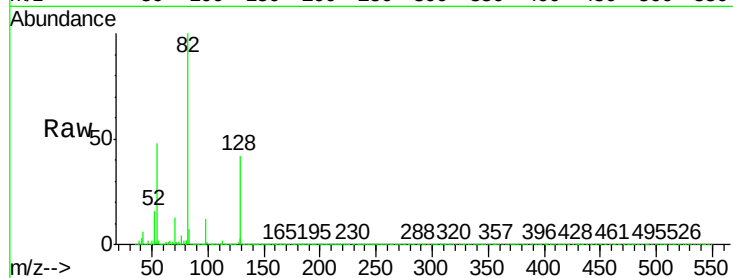




#23
Nitrobenzene-d5
Concen: 79.080 ng
RT: 8.76 min Scan# 999
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

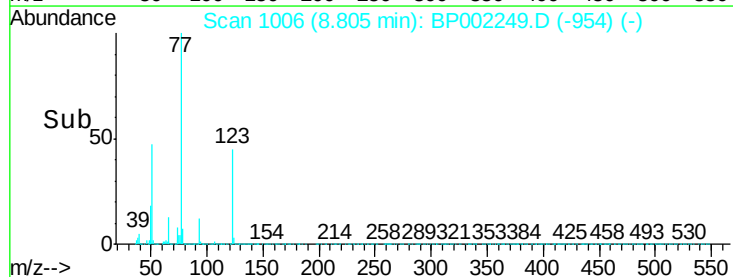
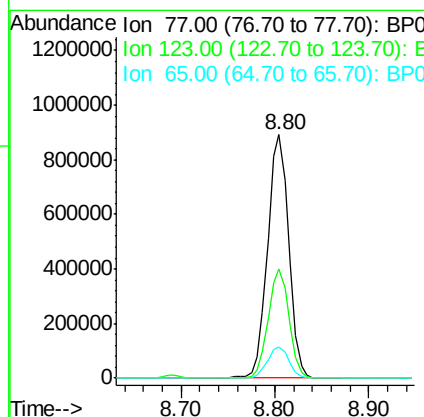
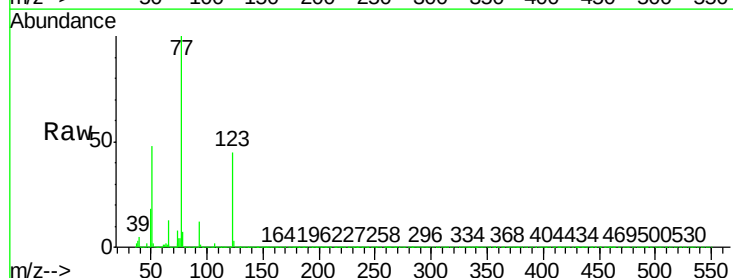
Instrument :
BNA_P
ClientSampleId :

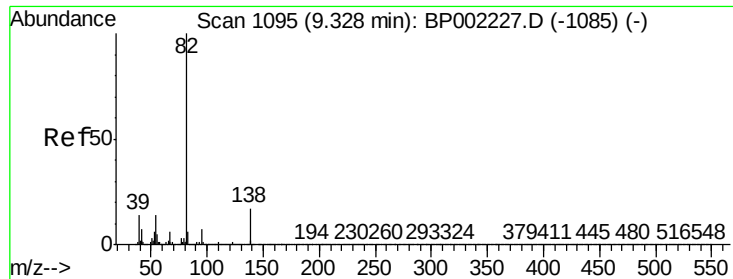
Tot Ion: 82 Resp: 2605109
Ion Ratio Lower Upper
82 100
128 42.0 32.4 48.6
54 48.3 38.2 57.2



#24
Nitrobenzene
Concen: 39.542 ng
RT: 8.80 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion: 77 Resp: 1387682
Ion Ratio Lower Upper
77 100
123 44.8 34.8 52.2
65 13.0 10.4 15.6





#25

Isophorone

Concen: 36.137 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

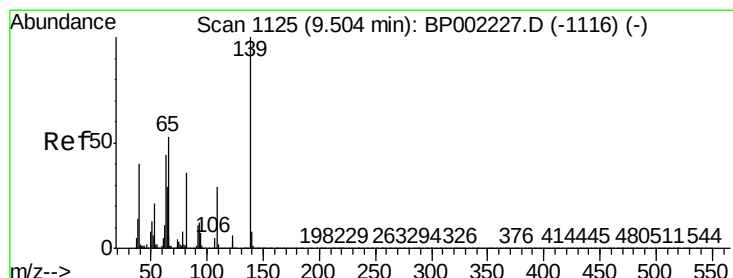
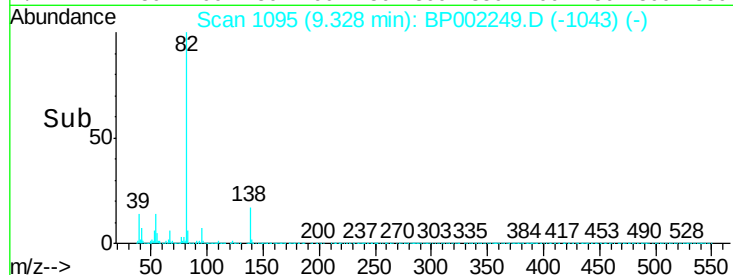
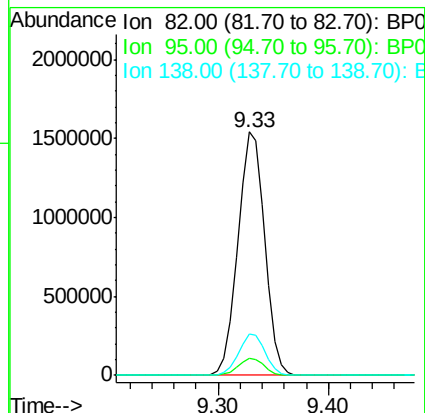
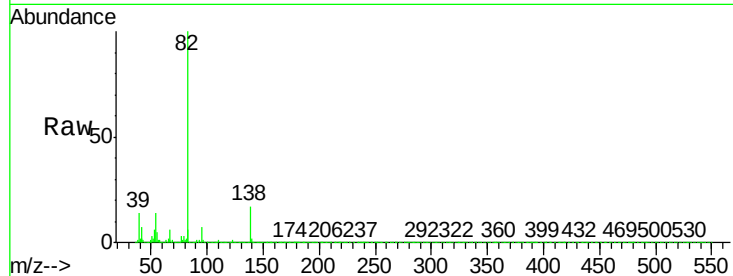
Tot Ion: 82 Resp: 2622547

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 16.8 13.3 19.9



#26

2-Nitrophenol

Concen: 47.286 ng

RT: 9.51 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

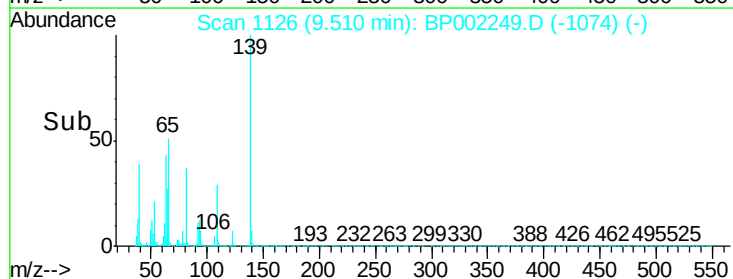
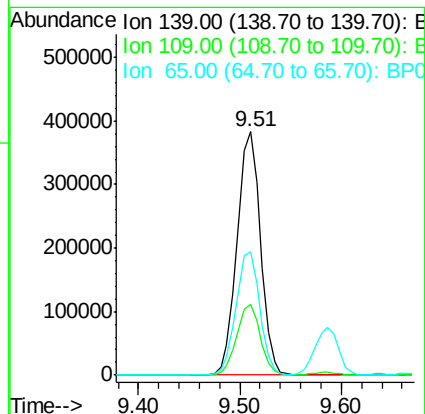
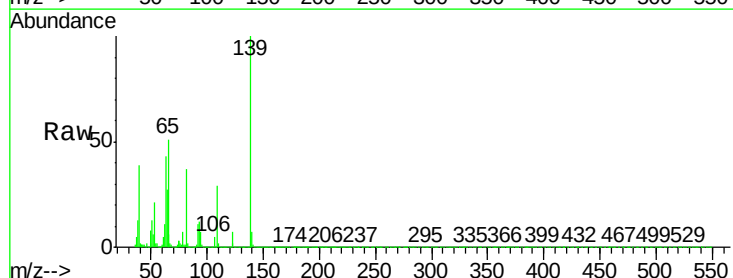
Tgt Ion: 139 Resp: 617672

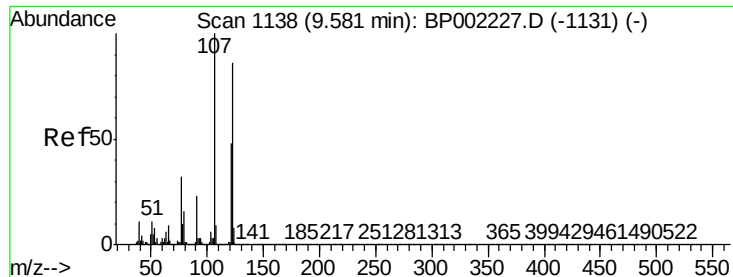
Ion Ratio Lower Upper

139 100

109 29.3 22.9 34.3

65 50.7 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 44.870 ng

RT: 9.59 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampled :

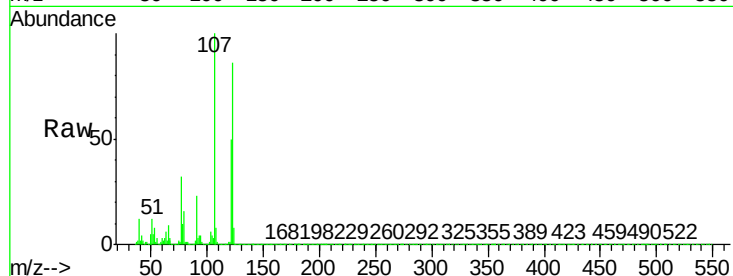
Tot Ion:122 Resp: 1143094

Ion Ratio Lower Upper

122 100

107 115.6 93.3 139.9

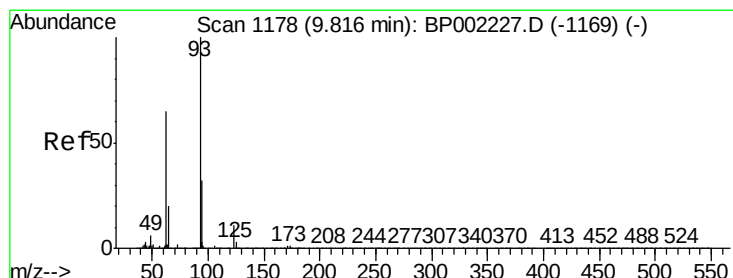
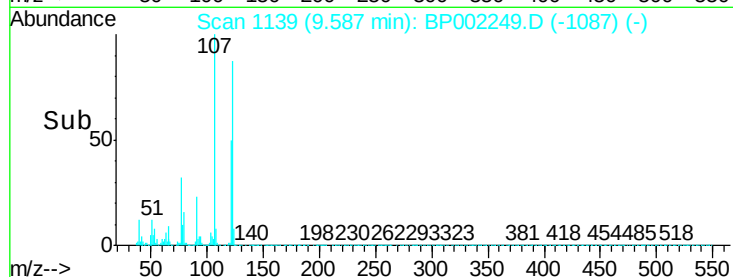
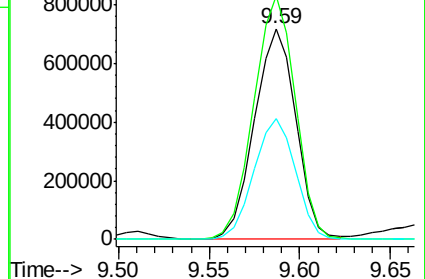
121 57.6 44.7 67.1



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: 38.615 ng

RT: 9.82 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

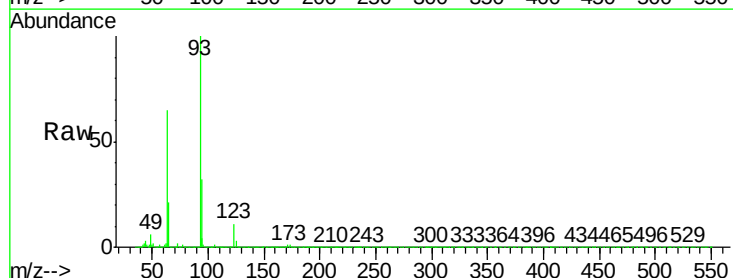
Tgt Ion: 93 Resp: 1623752

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

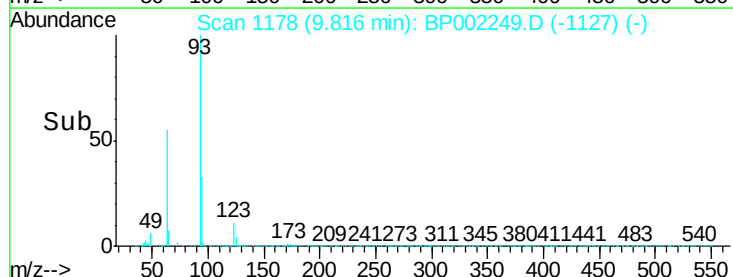
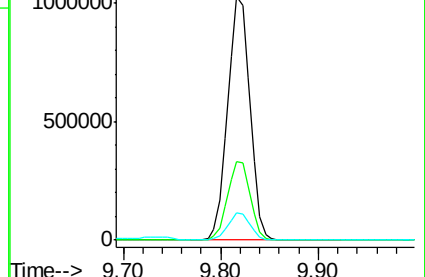
123 11.0 8.6 12.8

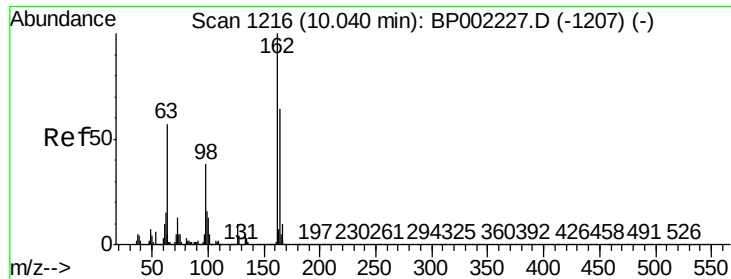


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

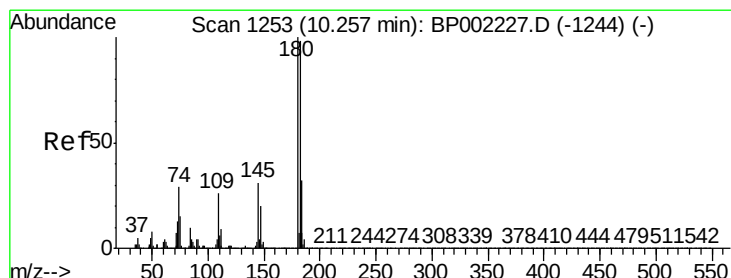
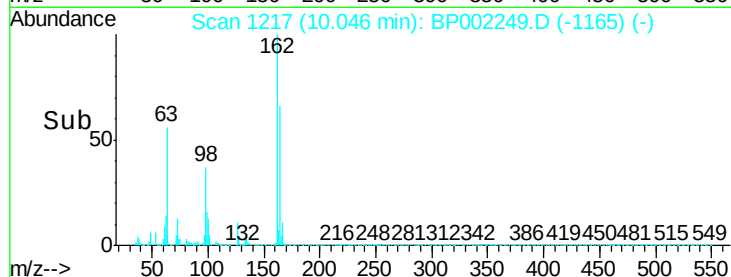
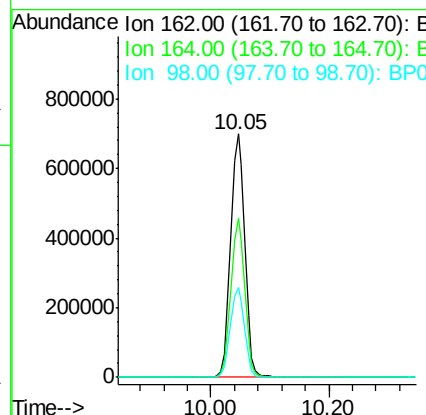
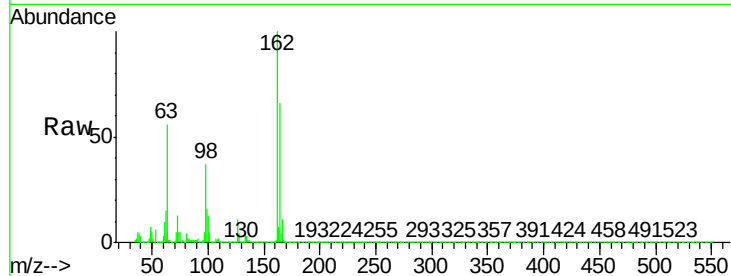




#29
2,4-Dichlorophenol
Concen: 43.136 ng
RT: 10.05 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

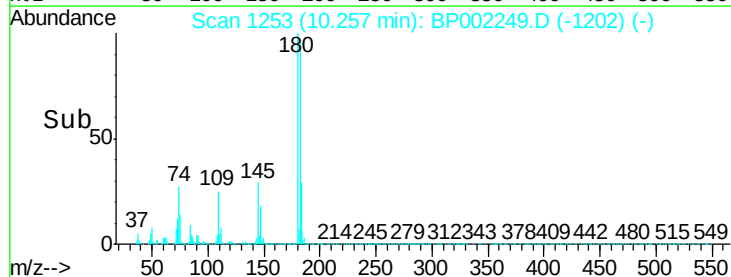
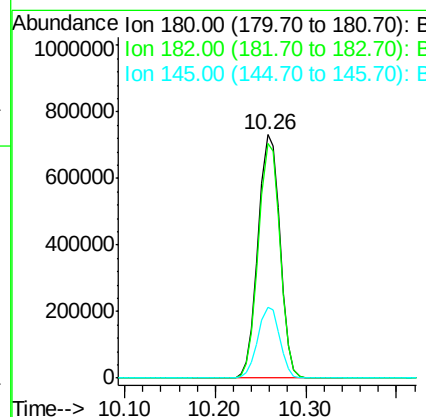
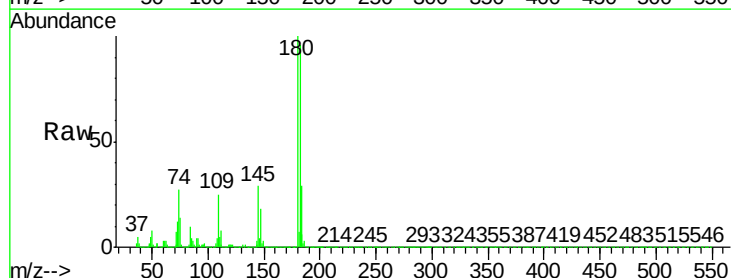
Instrument :
BNA_P
ClientSampleId :

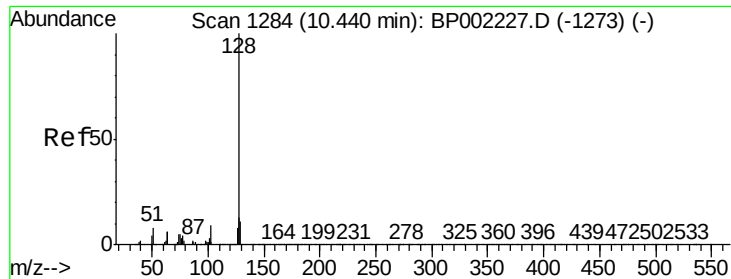
Tot Ion:162 Resp: 1166527
Ion Ratio Lower Upper
162 100
164 65.6 43.6 83.6
98 37.2 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 40.955 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:180 Resp: 1222247
Ion Ratio Lower Upper
180 100
182 96.2 78.6 117.8
145 29.1 24.7 37.1

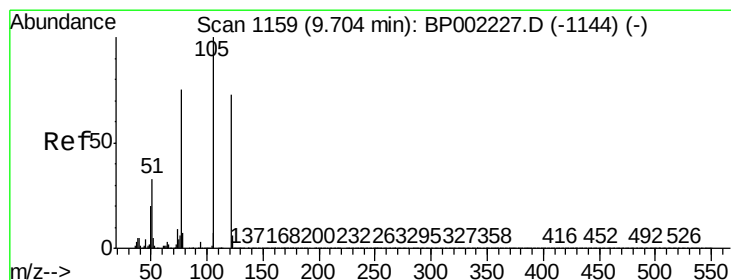
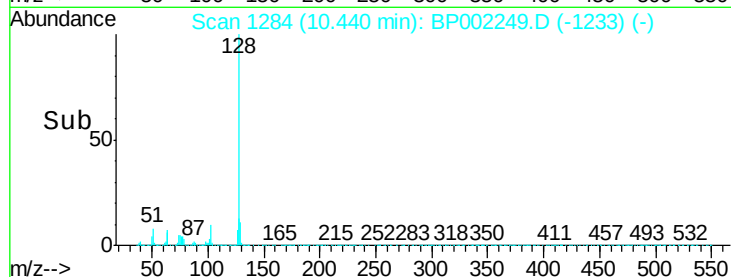
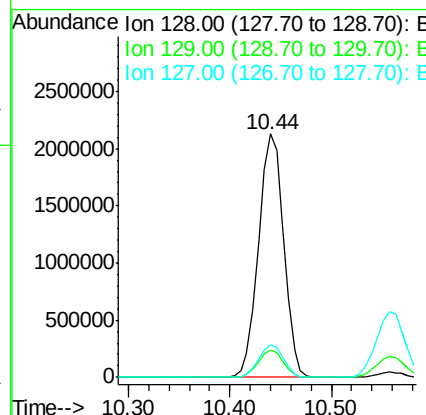
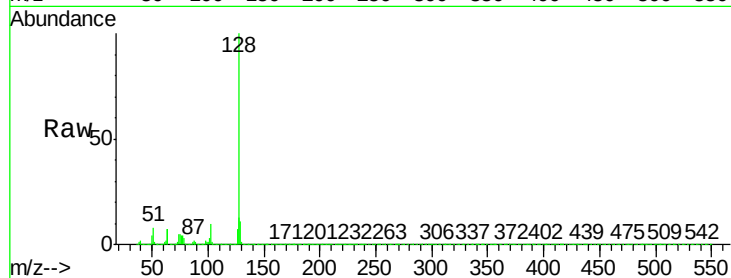




#31
Naphthalene
Concen: 39.713 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

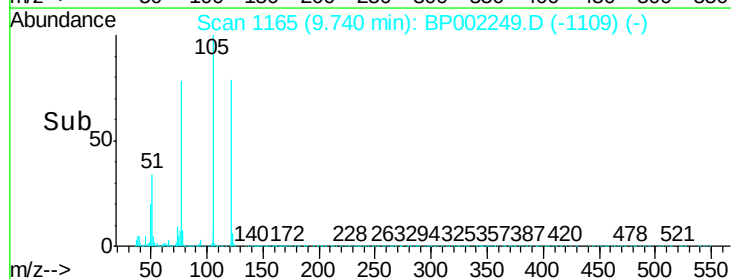
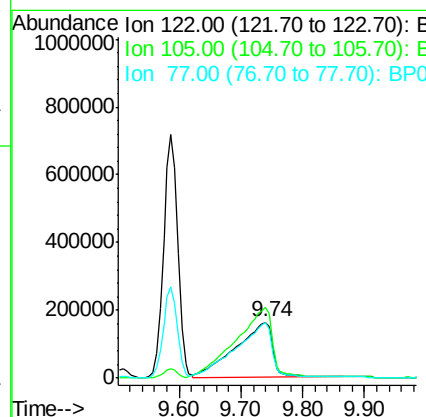
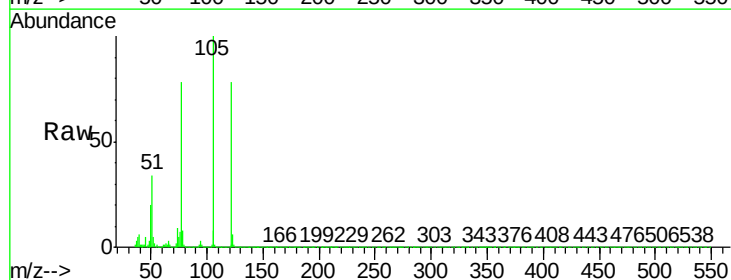
Instrument :
BNA_P
ClientSampleId :

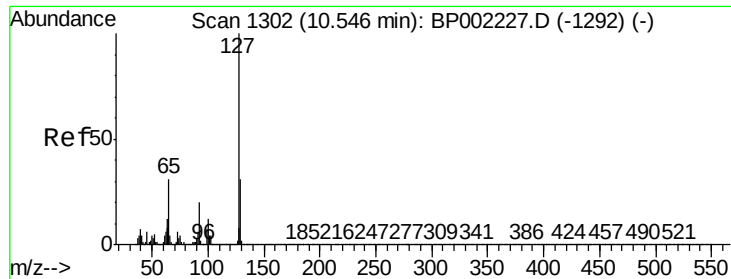
Tot Ion:128 Resp: 3661417
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 40.186 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.03 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:122 Resp: 675698
Ion Ratio Lower Upper
122 100
105 127.7 108.6 148.6
77 99.1 79.2 119.2

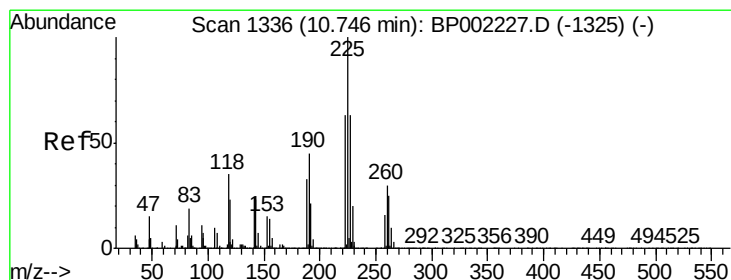
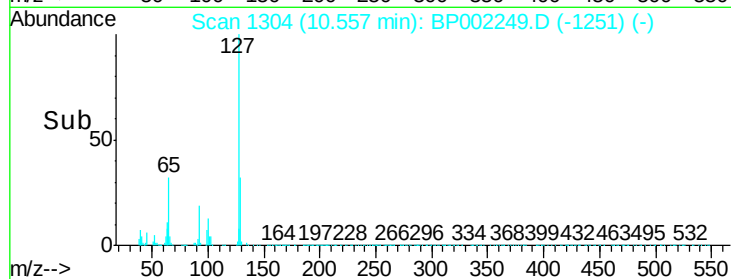
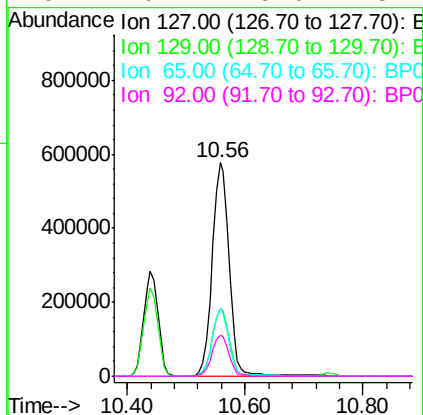
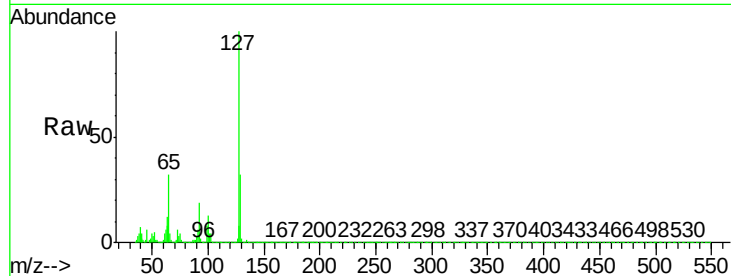




#33
4-Chloroaniline
Concen: 27.121 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

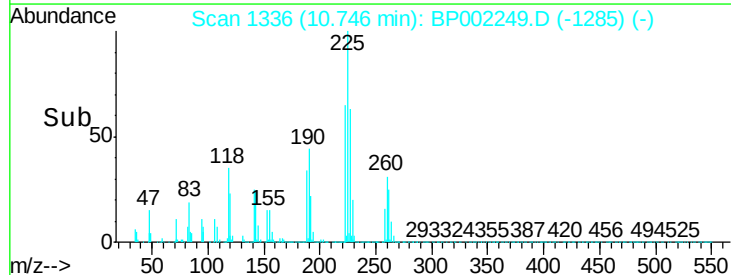
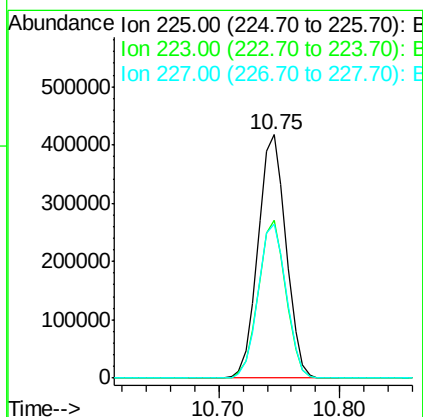
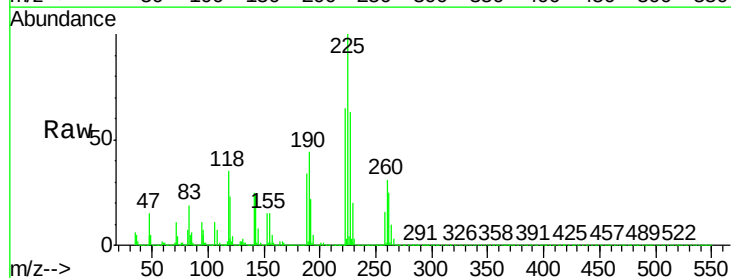
Instrument :
BNA_P
ClientSampleId :

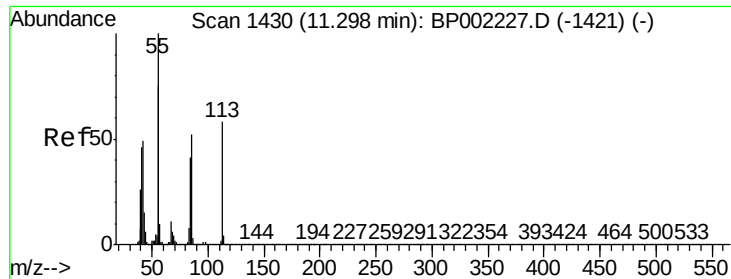
Tot Ion:127 Resp: 1150763
Ion Ratio Lower Upper
127 100
129 31.7 25.0 37.4
65 31.6 24.6 36.8
92 19.4 15.6 23.4



#34
Hexachlorobutadiene
Concen: 39.225 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:225 Resp: 668772
Ion Ratio Lower Upper
225 100
223 65.0 50.6 75.8
227 63.1 50.3 75.5

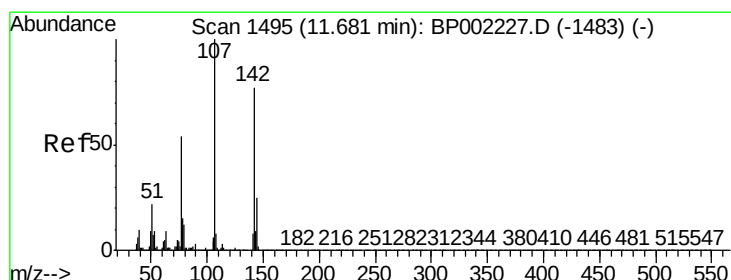
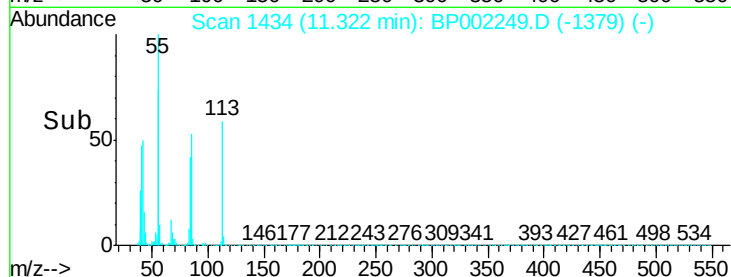
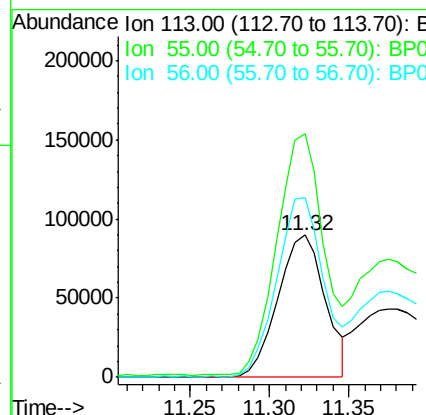
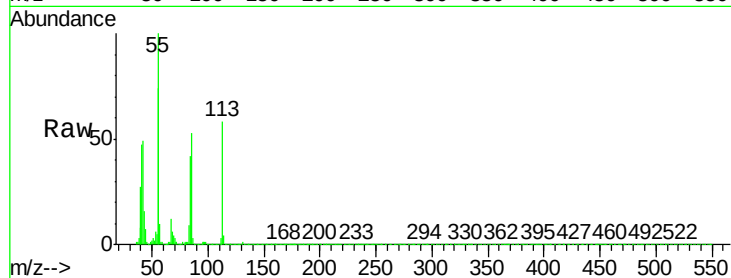




#35
Caprolactam
Concen: 17.924 ng
RT: 11.32 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

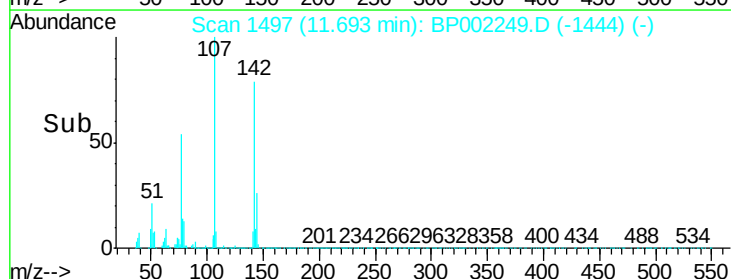
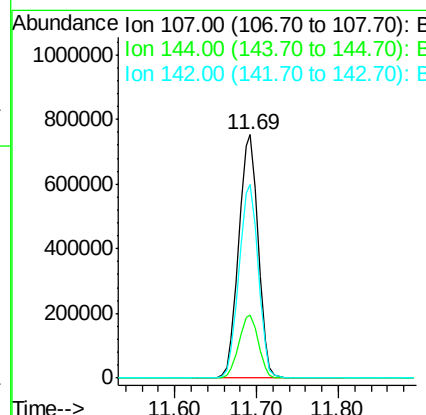
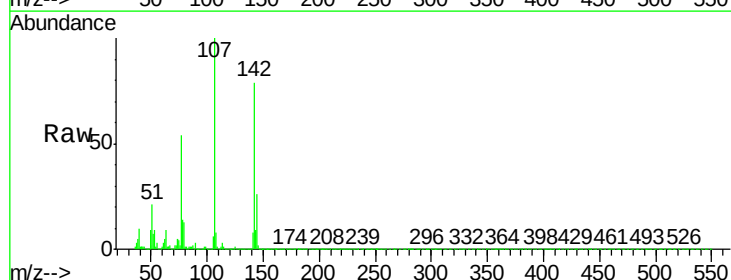
Instrument :
BNA_P
ClientSampleId :

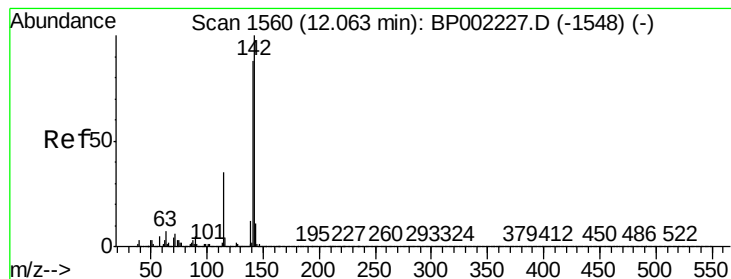
Tot Ion:113 Resp: 186253
Ion Ratio Lower Upper
113 100
55 171.3 153.8 193.8
56 126.1 109.8 149.8



#36
4-Chloro-3-methylphenol
Concen: 39.639 ng
RT: 11.69 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:107 Resp: 1252336
Ion Ratio Lower Upper
107 100
144 26.0 20.2 30.2
142 79.4 61.9 92.9





#37

2-Methylnaphthalene

Concen: 39.530 ng

RT: 12.06 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

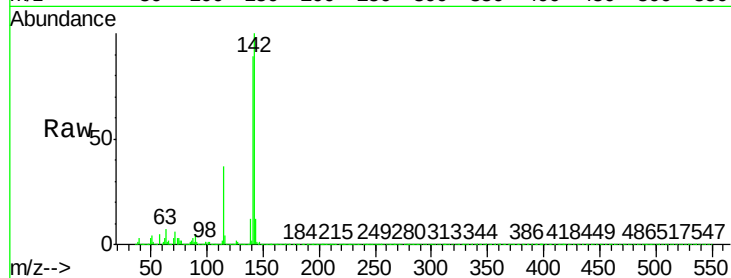
Instrument :

BNA_P

ClientSampleId :

Tot Ion:142 Resp: 2611974

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	105.8
115	36.8	28.3	42.5

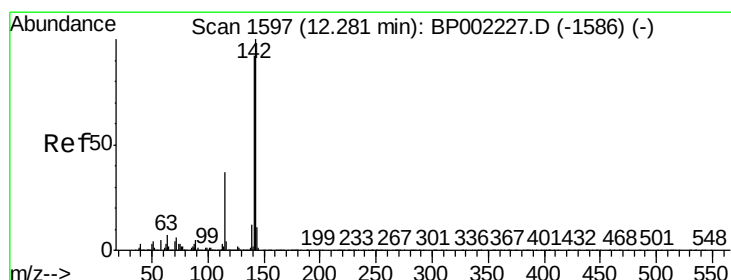
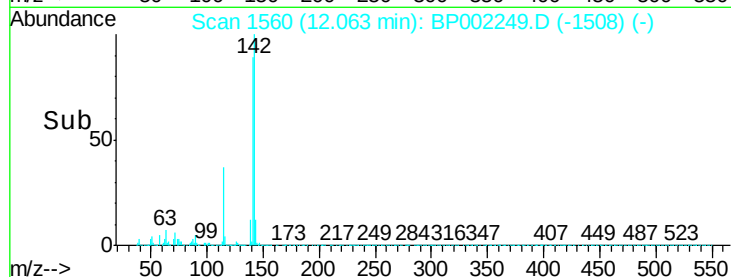
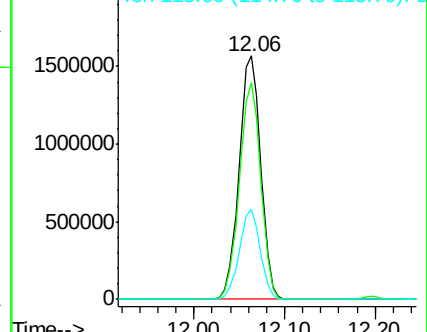


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.586 ng

RT: 12.28 min Scan# 1597

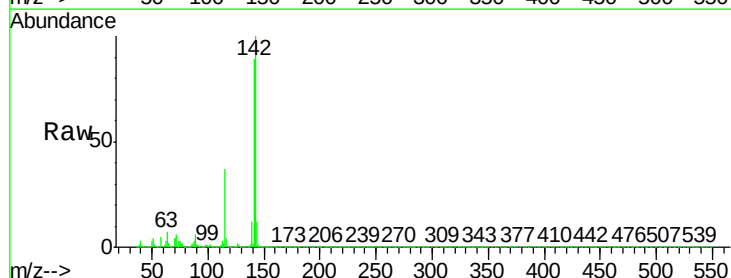
Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:142 Resp: 2490807

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.9	110.9
116	3.9	3.0	4.6

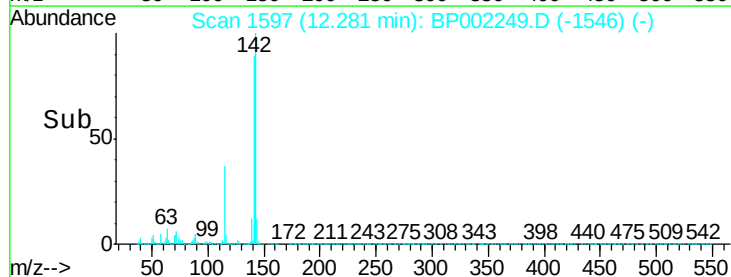
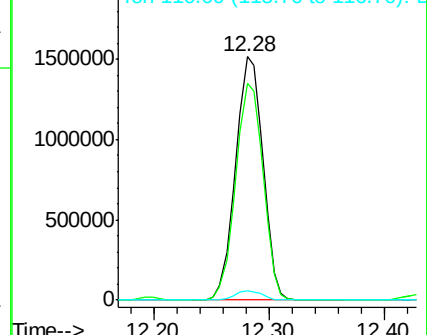


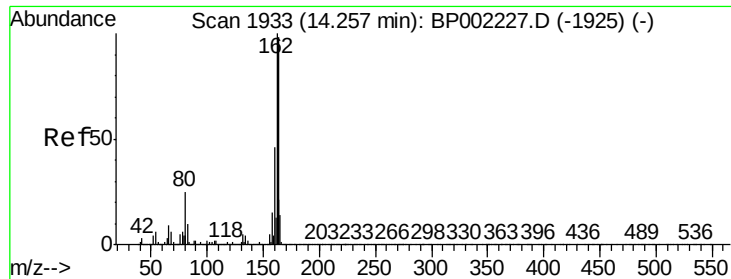
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

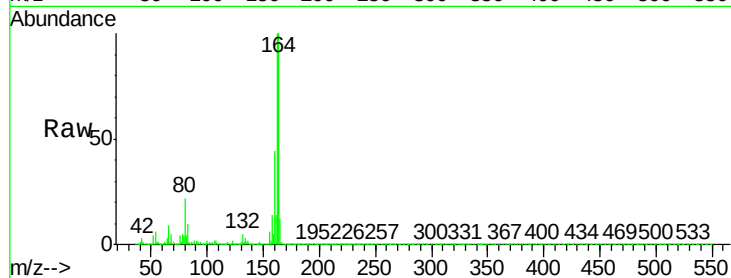
Tot Ion:164 Resp: 1031697

Ion Ratio Lower Upper

164 100

162 99.7 81.5 122.3

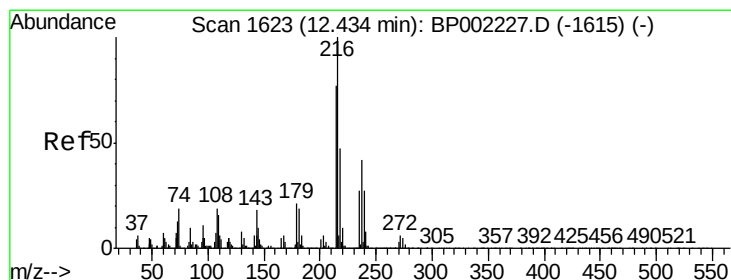
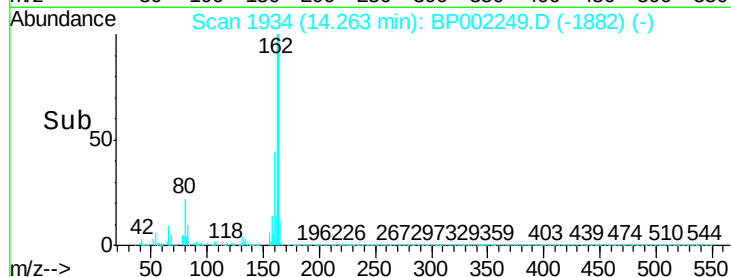
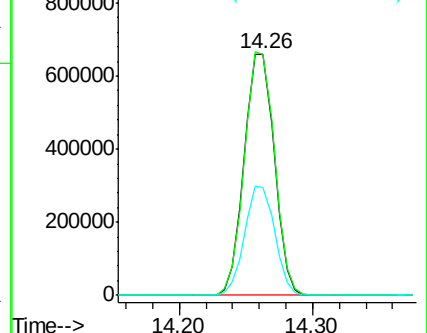
160 44.5 37.3 55.9



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: 40.316 ng

RT: 12.44 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:216 Resp: 1235458

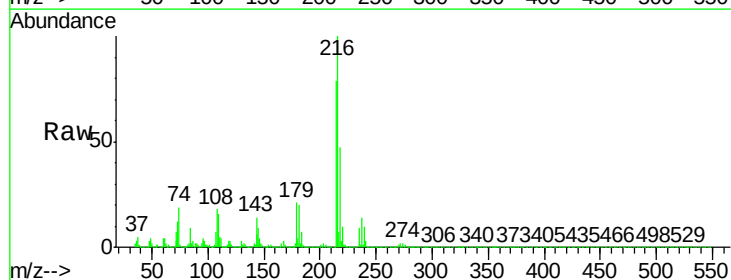
Ion Ratio Lower Upper

216 100

214 79.3 62.2 93.4

179 21.0 16.4 24.6

108 19.2 15.8 23.8

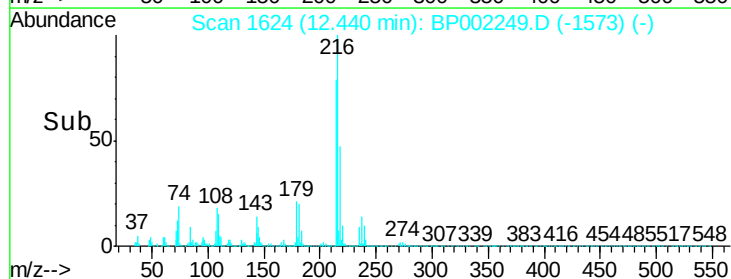
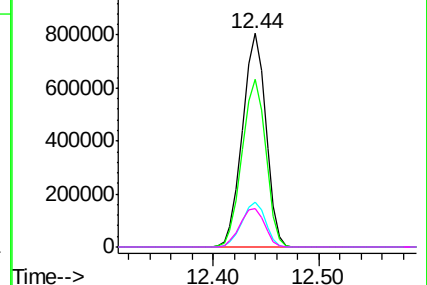


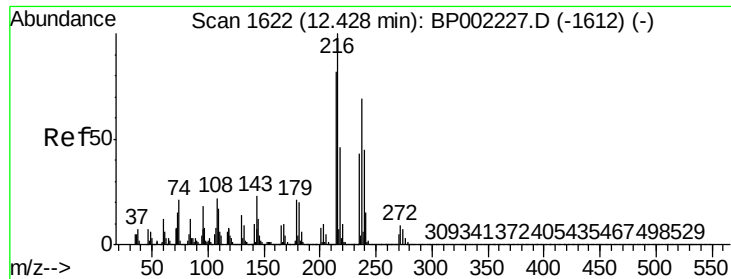
Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.067 ng

RT: 12.43 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

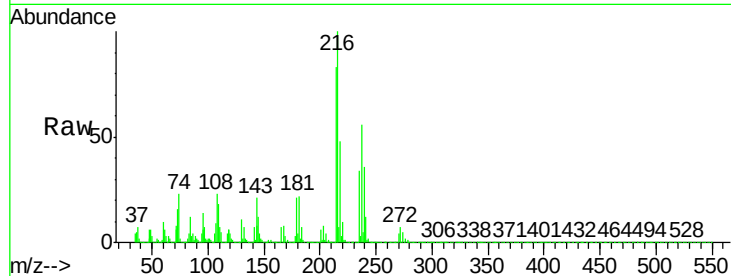
Tot Ion:237 Resp: 354744

Ion Ratio Lower Upper

237 100

235 61.6 43.0 83.0

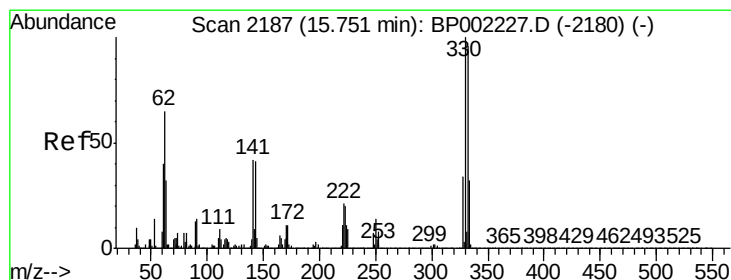
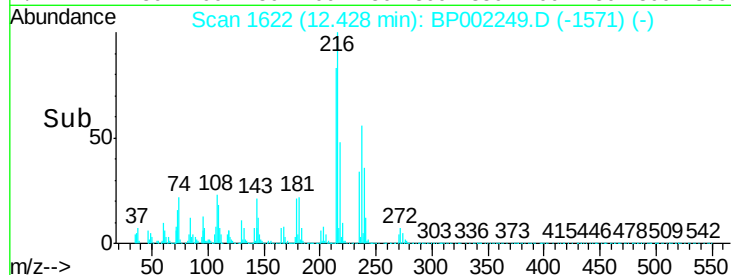
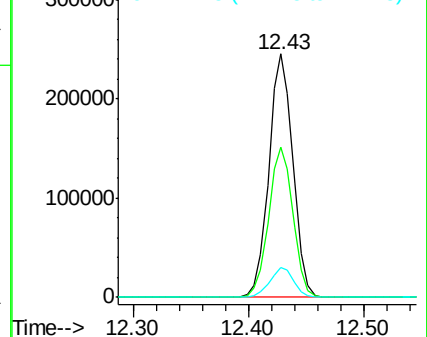
272 12.1 0.0 32.7



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: 104.528 ng

RT: 15.76 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

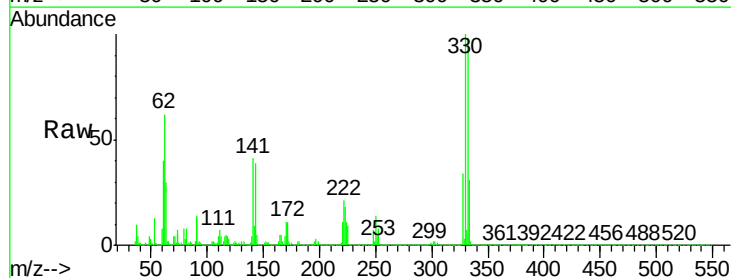
Tgt Ion:330 Resp: 1141433

Ion Ratio Lower Upper

330 100

332 96.1 76.3 114.5

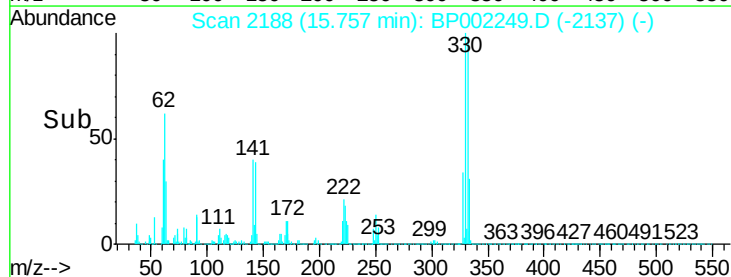
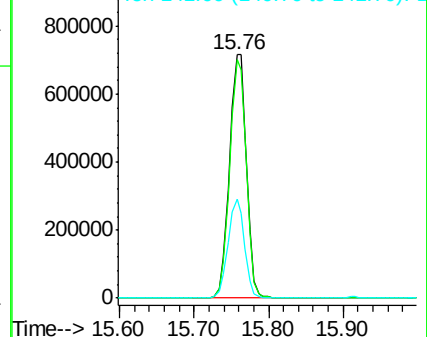
141 39.0 32.0 48.0

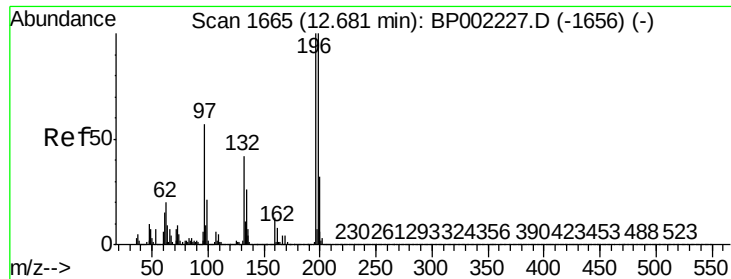


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

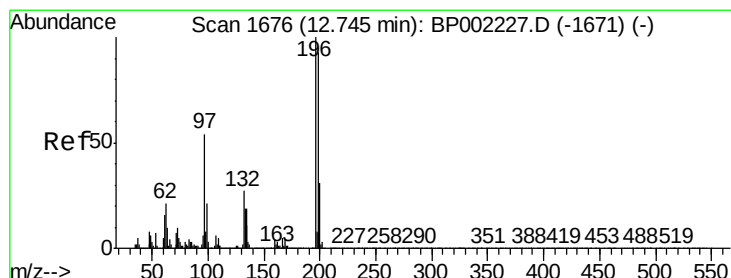
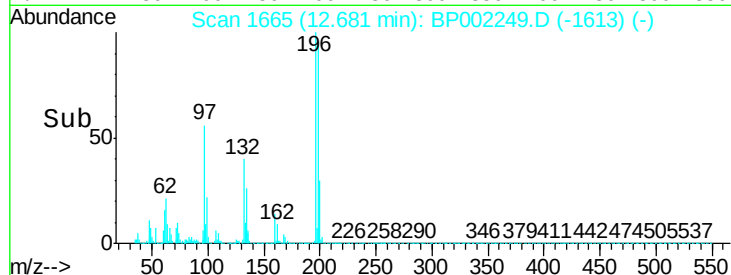
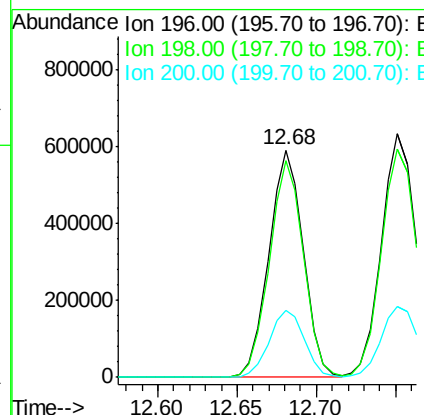
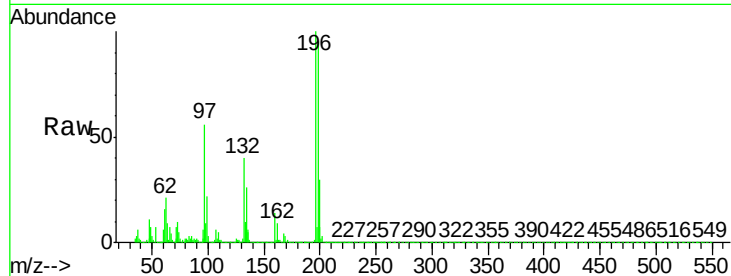




#43
 2,4,6-Trichlorophenol
 Concen: 42.797 ng
 RT: 12.68 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

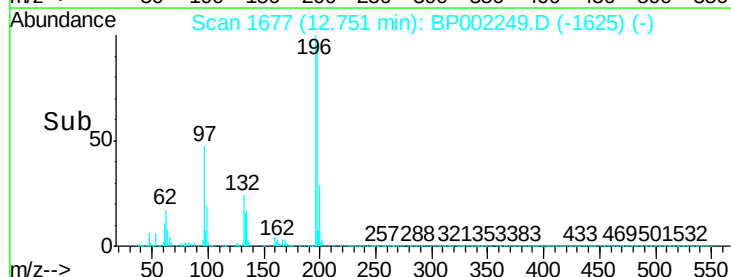
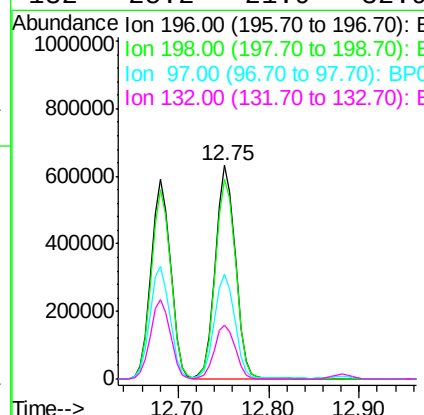
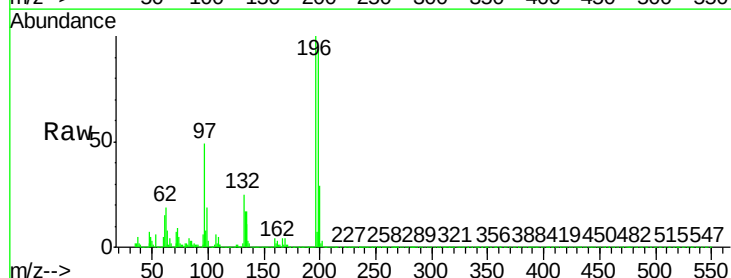
Instrument :
 BNA_P
 ClientSampleId :

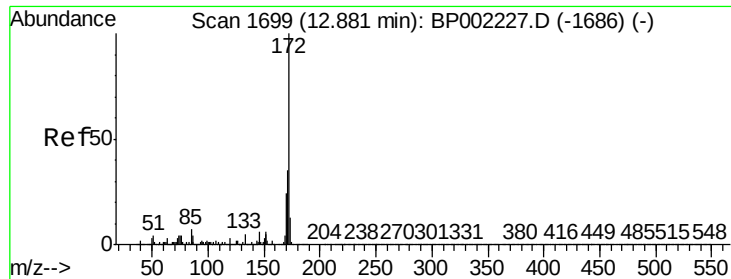
Tot Ion	196	Resp	888755
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.8	119.6
200	29.7	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.658 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Tgt Ion	196	Resp	971417
Ion Ratio	Lower	Upper	
196	100		
198	93.7	74.5	111.7
97	49.4	43.4	65.0
132	25.2	21.9	32.9

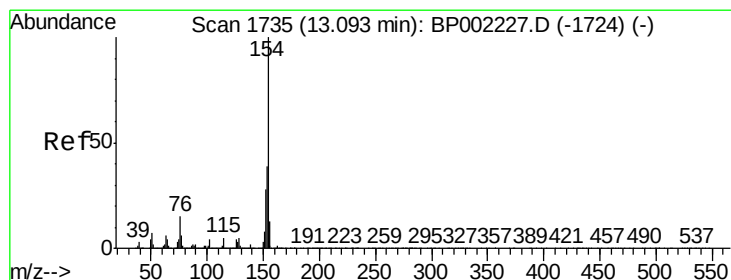
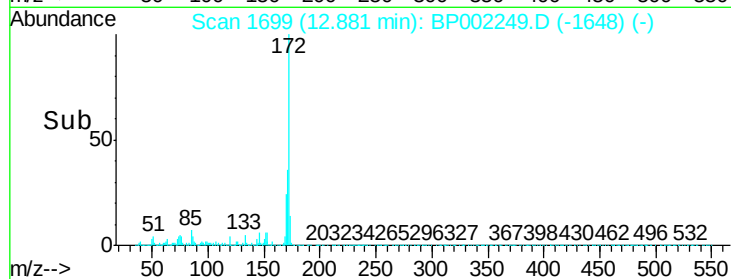
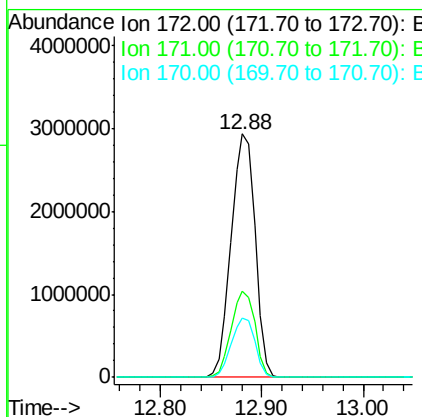
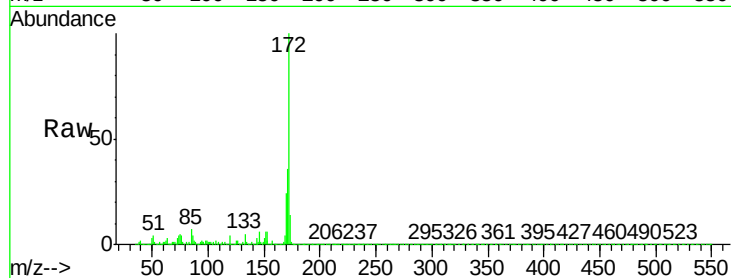




#45
2-Fluorobiphenyl
Concen: 65.516 ng
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

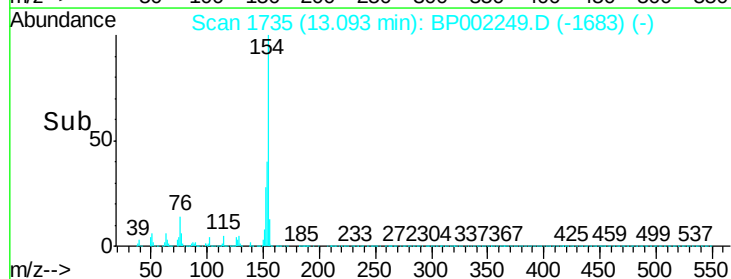
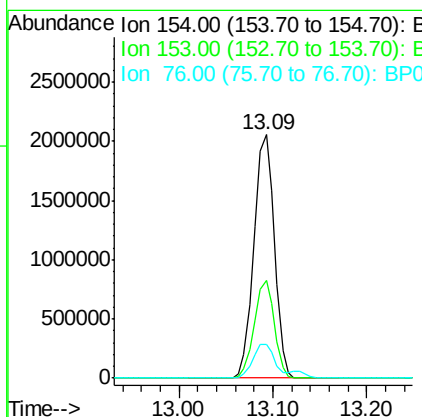
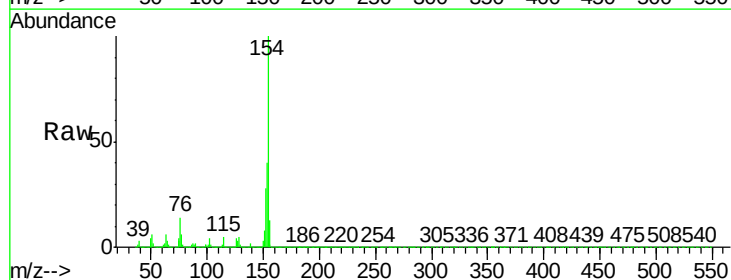
Instrument :
BNA_P
ClientSampleId :

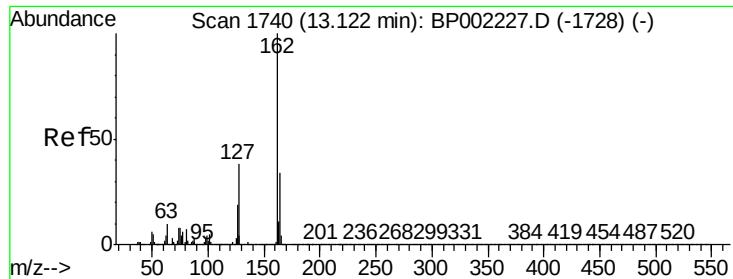
Tot Ion:172 Resp: 4826716
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 38.389 ng
RT: 13.09 min Scan# 1735
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:154 Resp: 3103763
Ion Ratio Lower Upper
154 100
153 39.9 18.9 58.9
76 13.9 0.0 34.6



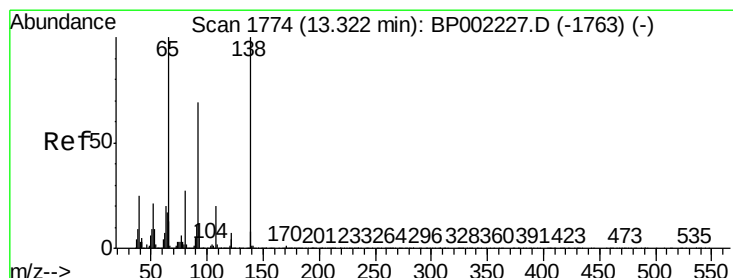
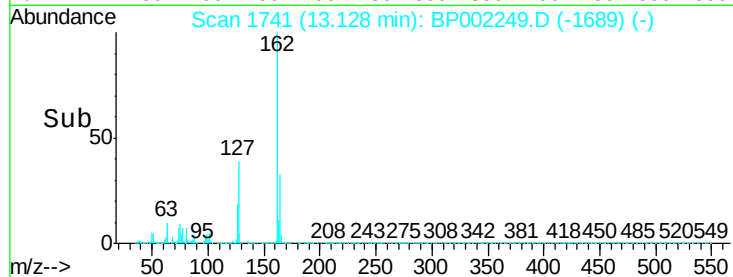
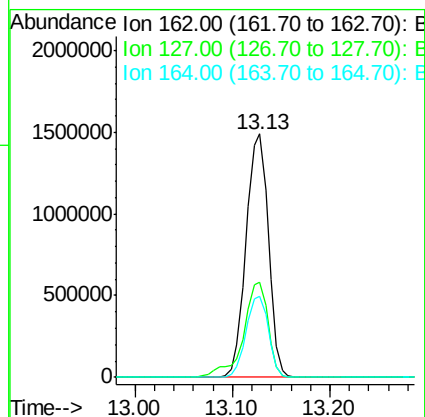
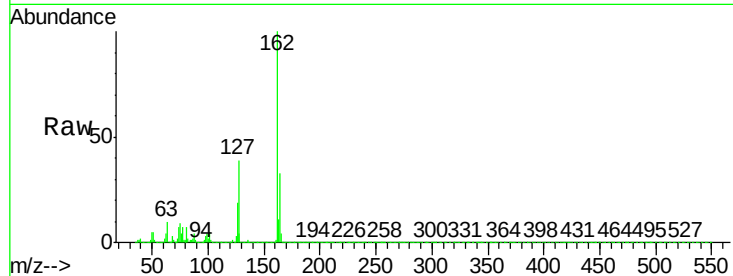


#47
 2-Chloronaphthalene
 Concen: 38.052 ng
 RT: 13.13 min Scan# 1741
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:162 Resp: 2383157

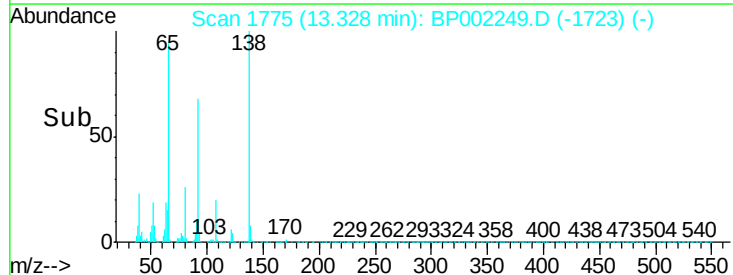
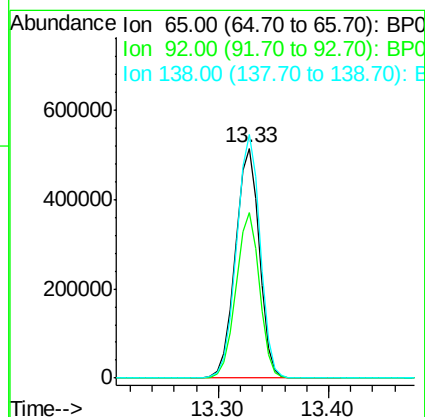
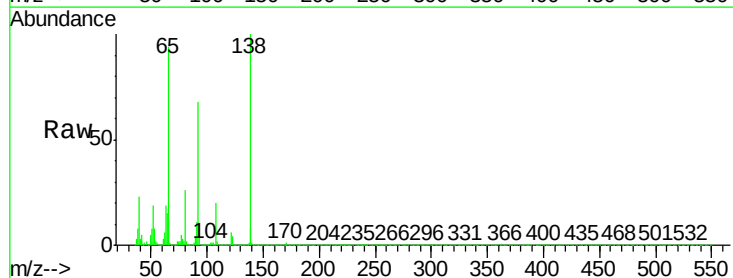
Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.2	45.4
164	33.1	27.0	40.4

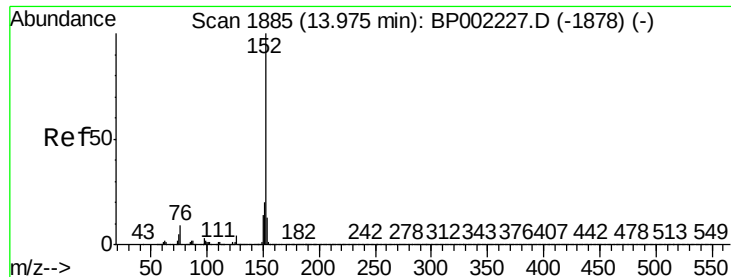


#48
 2-Nitroaniline
 Concen: 41.775 ng
 RT: 13.33 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Tgt Ion: 65 Resp: 784700

Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.6	83.4
138	106.1	79.9	119.9





#49

Acenaphthylene

Concen: 39.736 ng

RT: 13.98 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

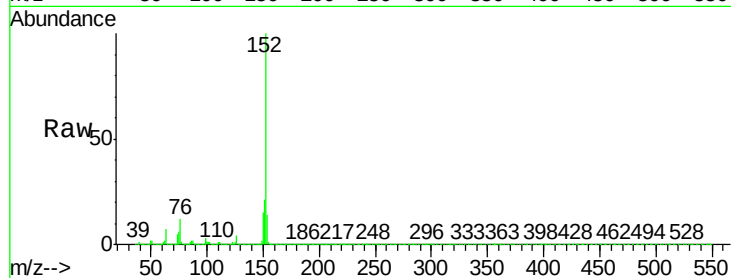
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 4033134

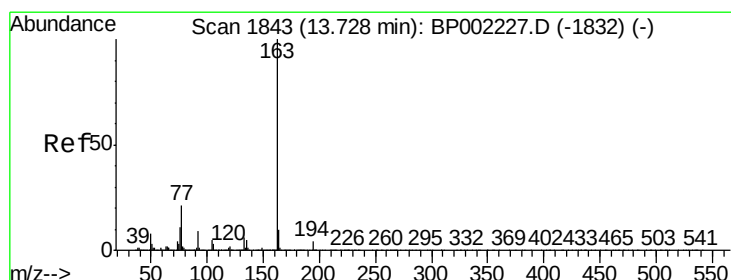
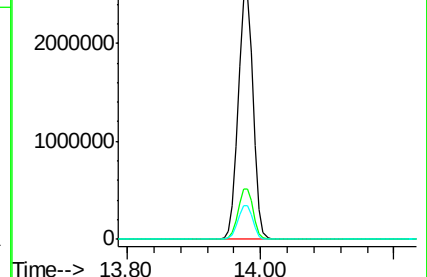
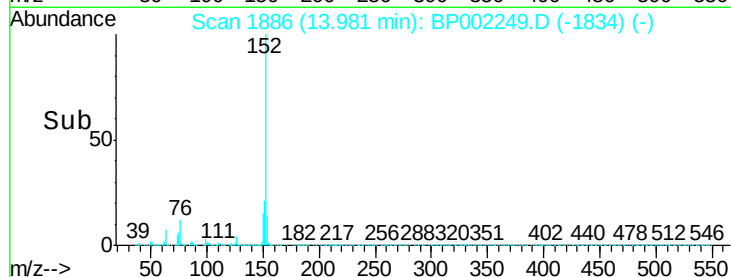
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	13.6	10.7	16.1



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: 39.754 ng

RT: 13.73 min Scan# 1844

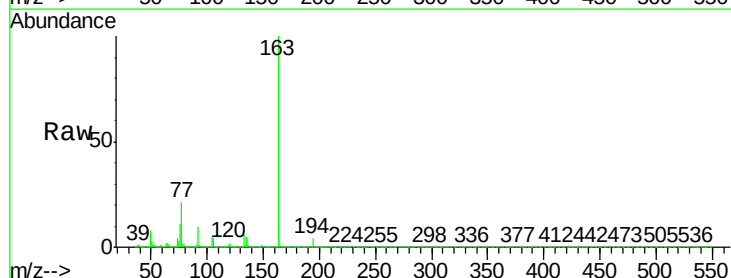
Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:163 Resp: 3232792

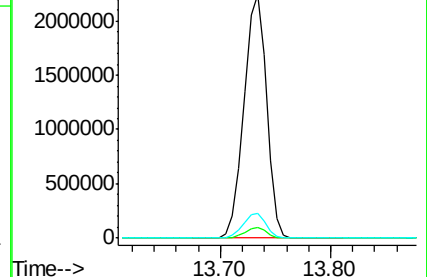
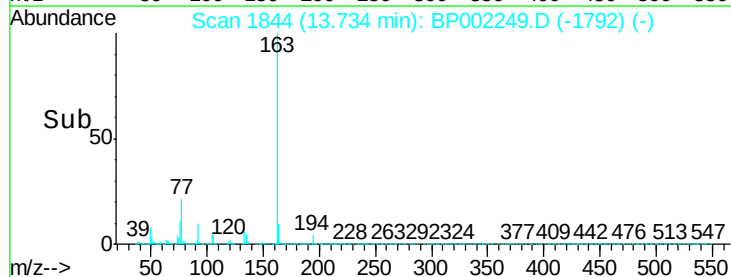
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	7.8	11.8

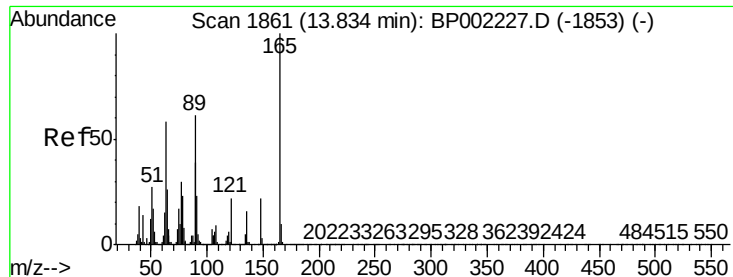


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

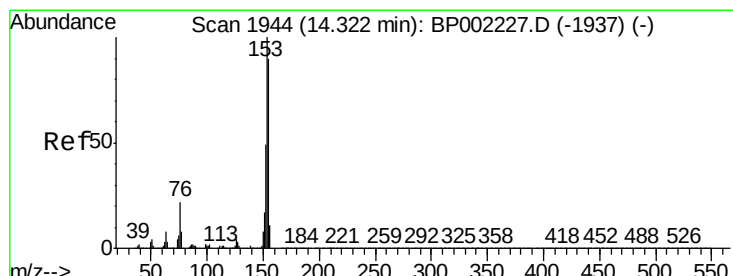
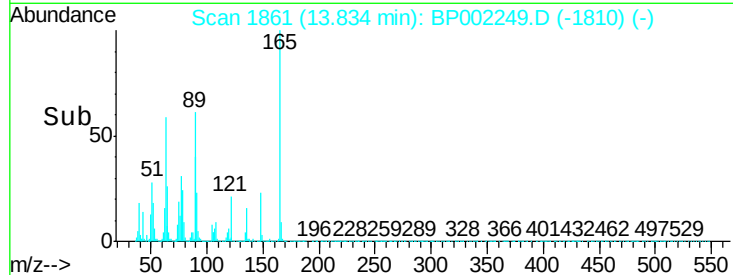
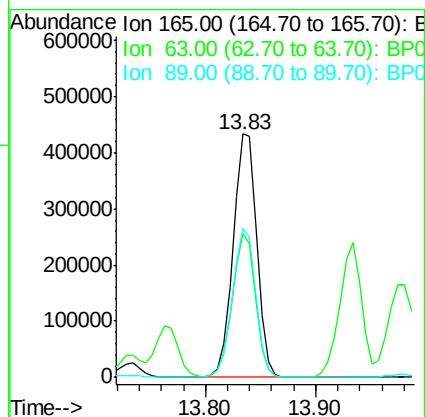
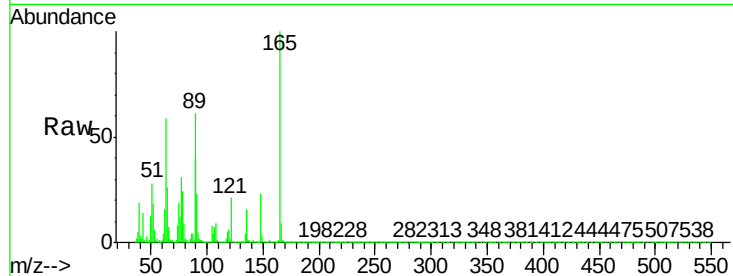




#51
2,6-Dinitrotoluene
Concen: 38.859 ng
RT: 13.83 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

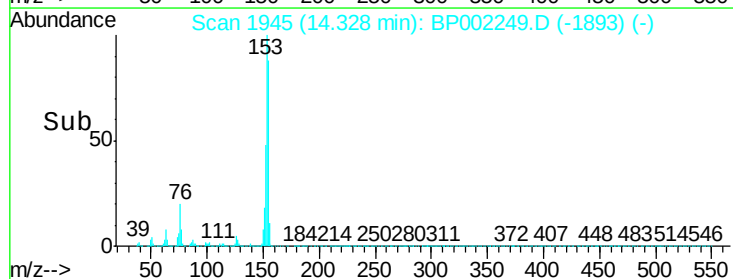
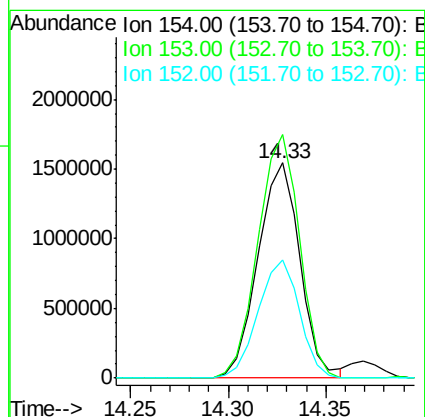
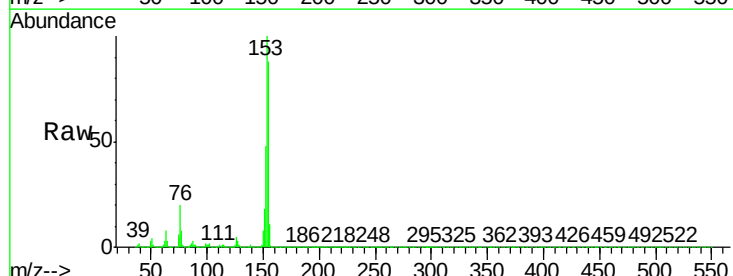
Instrument :
BNA_P
ClientSampled :

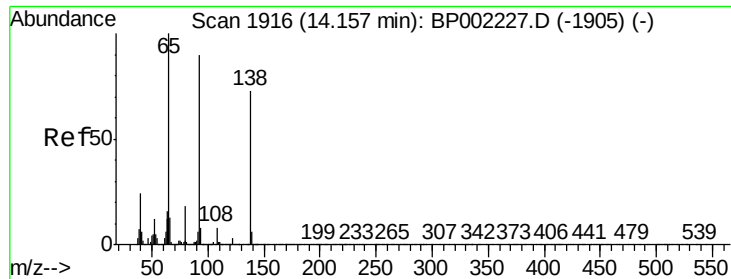
Tot Ion:165 Resp: 650509
Ion Ratio Lower Upper
165 100
63 59.0 46.4 69.6
89 60.9 49.1 73.7



#52
Acenaphthene
Concen: 35.957 ng
RT: 14.33 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:154 Resp: 2302886
Ion Ratio Lower Upper
154 100
153 113.1 89.4 134.0
152 54.7 43.4 65.2

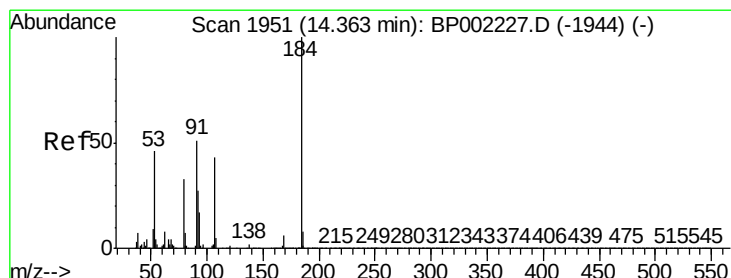
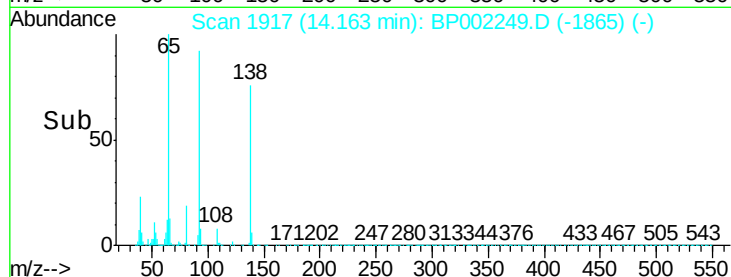
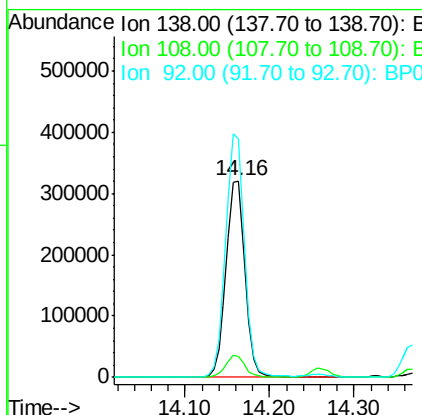
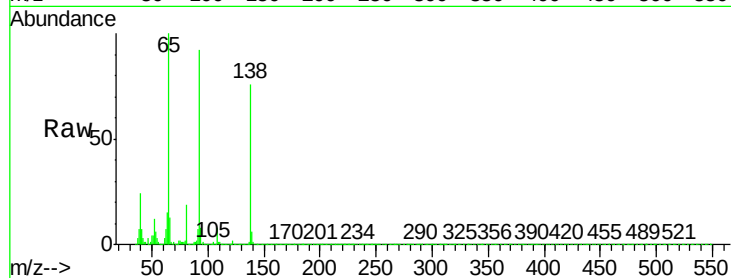




#53
3-Nitroaniline
Concen: 24.879 ng
RT: 14.16 min Scan# 1917
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

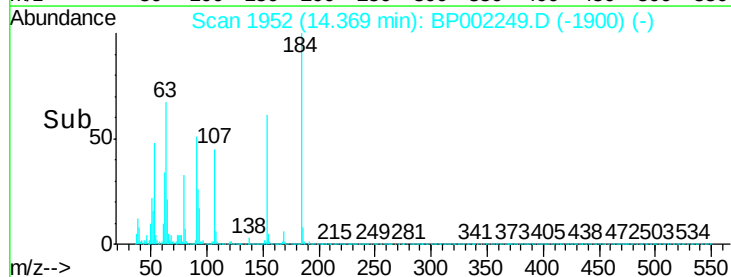
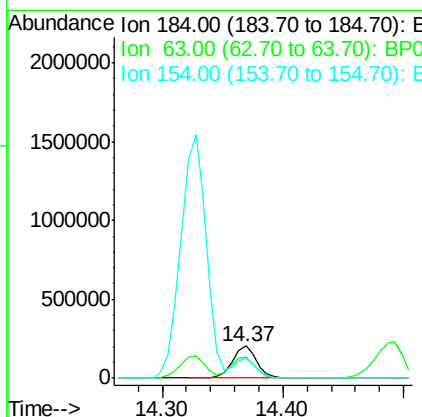
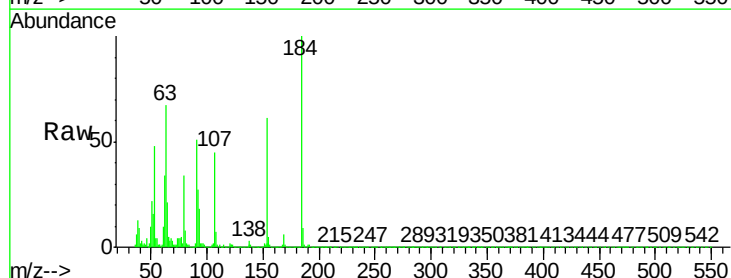
Instrument :
BNA_P
ClientSampleId :

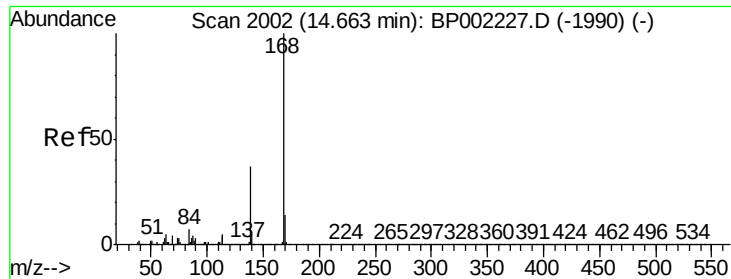
Tot Ion:138 Resp: 497448
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 121.2 98.5 147.7



#54
2,4-Dinitrophenol
Concen: 41.095 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:184 Resp: 281201
Ion Ratio Lower Upper
184 100
63 66.9 53.0 79.6
154 60.9 47.4 71.2





#55

Dibenzofuran

Concen: 37.547 ng

RT: 14.66 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampled :

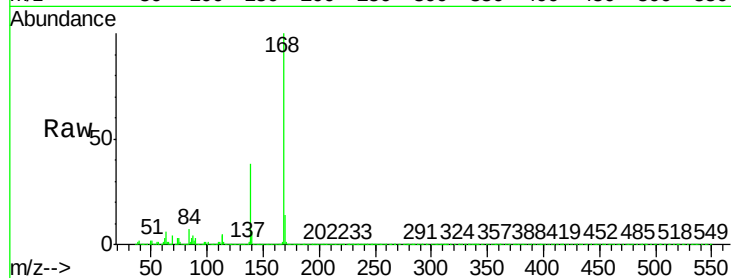
Tot Ion:168 Resp: 3631821

Ion Ratio Lower Upper

168 100

139 37.8 29.3 43.9

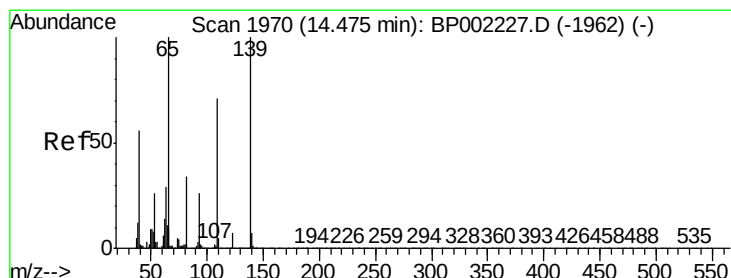
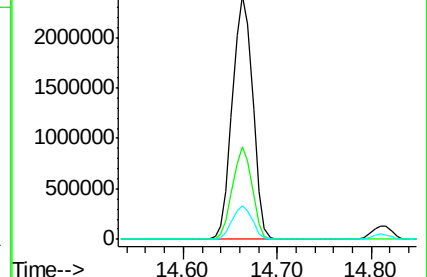
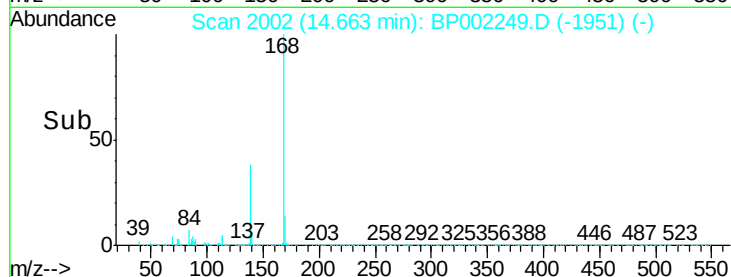
169 13.9 11.0 16.6



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: 79.365 ng

RT: 14.49 min Scan# 1973

Delta R.T. 0.02 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

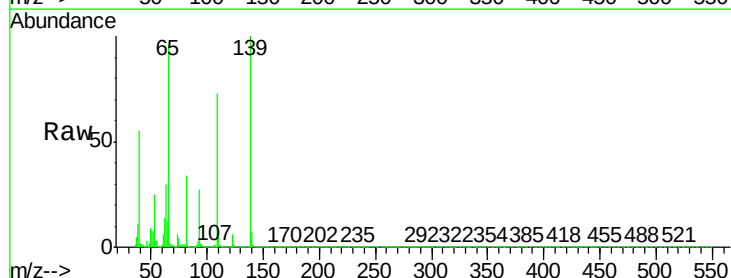
Tgt Ion:139 Resp: 1258527

Ion Ratio Lower Upper

139 100

109 73.5 50.6 90.6

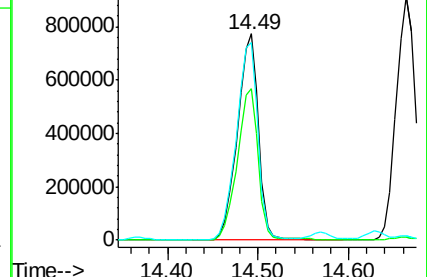
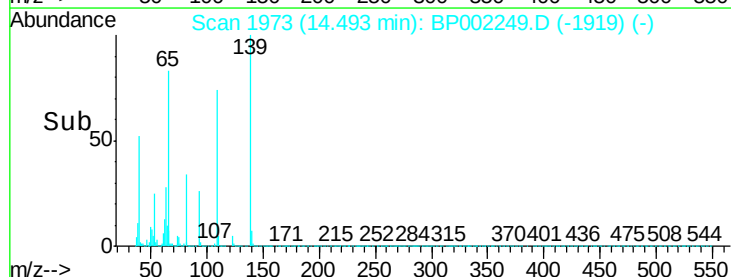
65 96.2 80.2 120.2

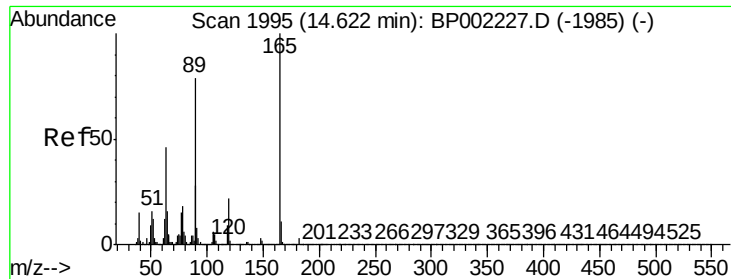


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

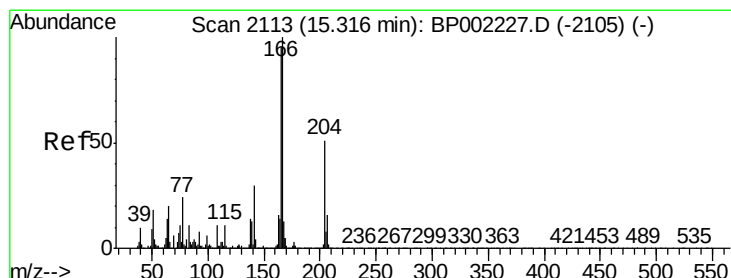
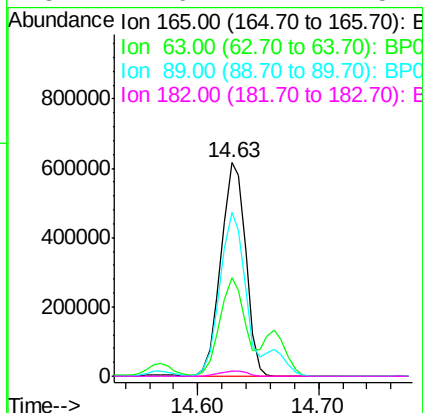
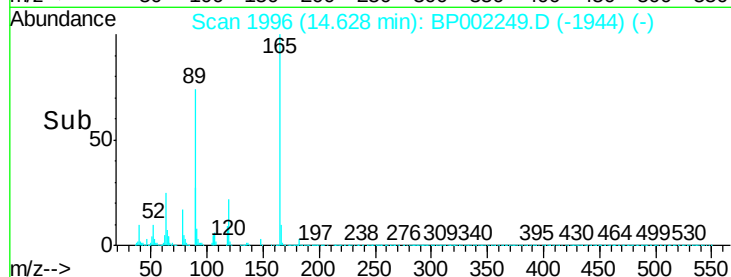
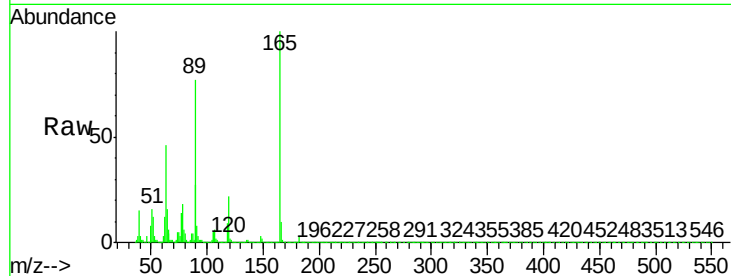




#57
2,4-Dinitrotoluene
Concen: 39.400 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

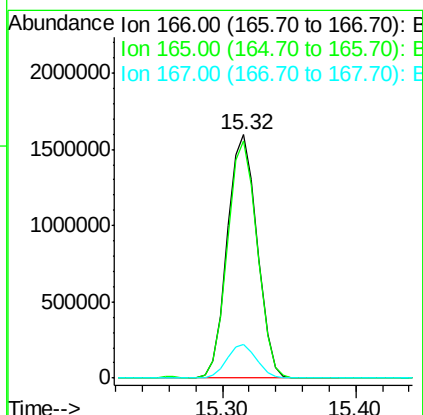
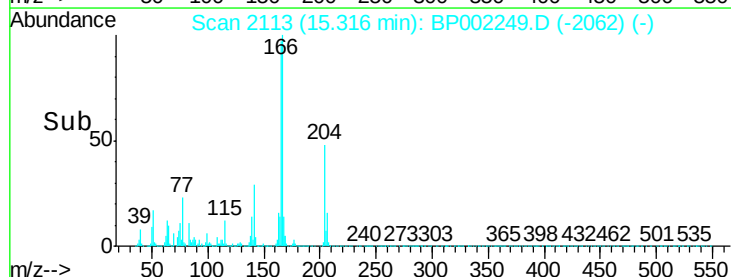
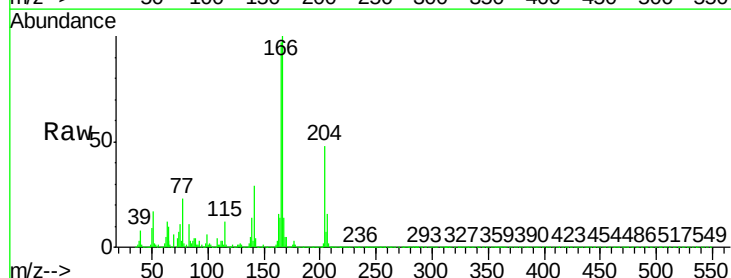
Instrument :
BNA_P
ClientSampleId :

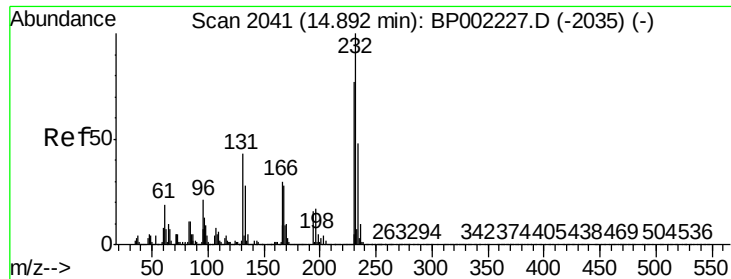
Tot Ion:165 Resp: 873660
Ion Ratio Lower Upper
165 100
63 46.1 36.8 55.2
89 77.0 63.2 94.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 32.416 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:166 Resp: 2491627
Ion Ratio Lower Upper
166 100
165 97.2 75.7 113.5
167 13.7 10.6 15.8

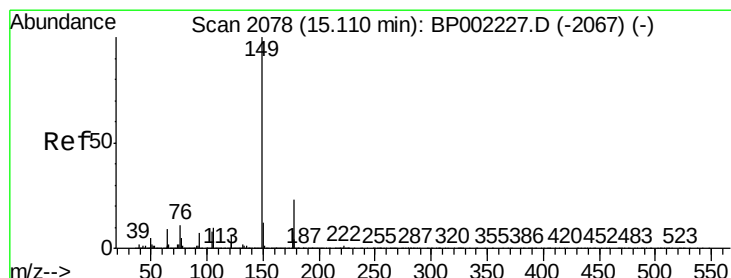
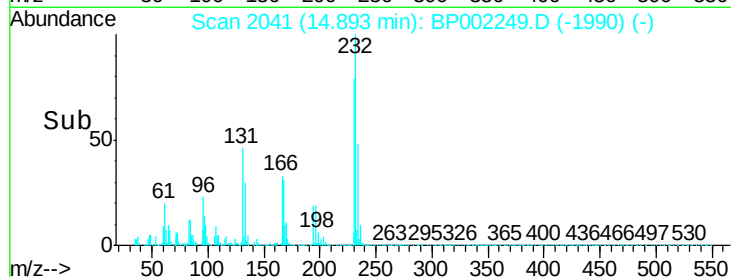
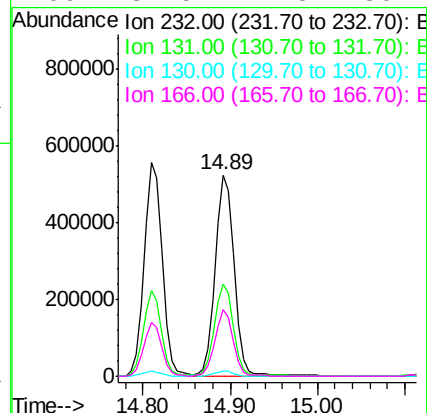
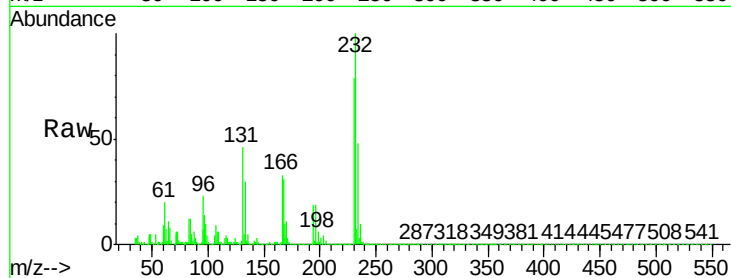




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.795 ng
 RT: 14.89 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

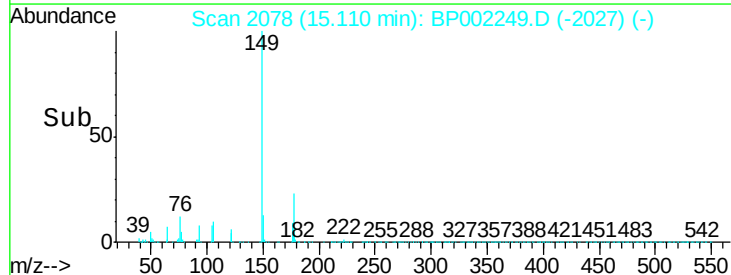
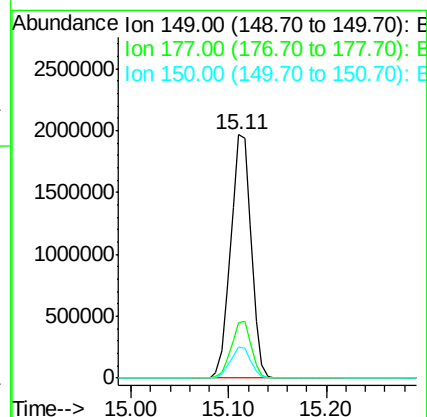
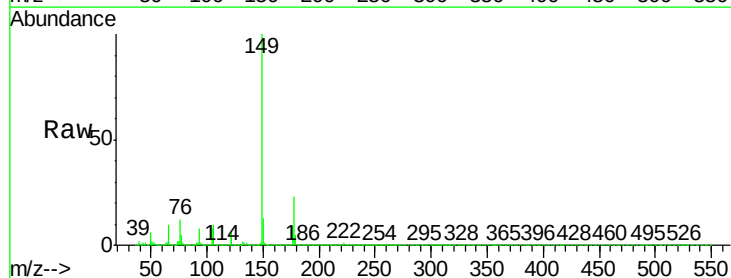
Instrument :
 BNA_P
 ClientSampleId :

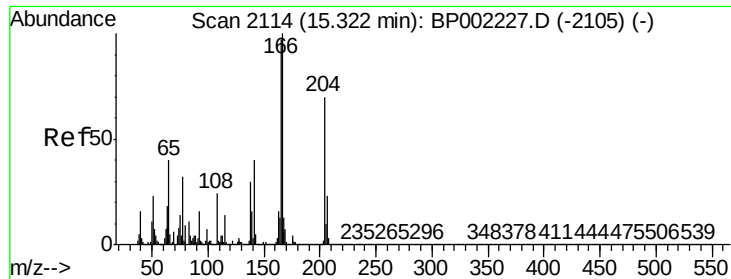
Tot Ion:	232	Resp:	789415
Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.7	53.5
130	2.3	1.8	2.6
166	31.5	24.5	36.7



#60
 Diethylphthalate
 Concen: 34.705 ng
 RT: 15.11 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Tgt Ion:	149	Resp:	2854880
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.7	9.8	14.8

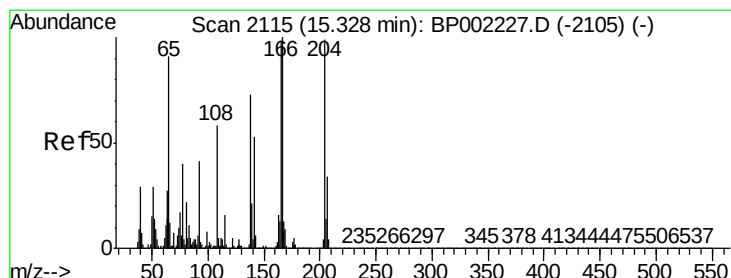
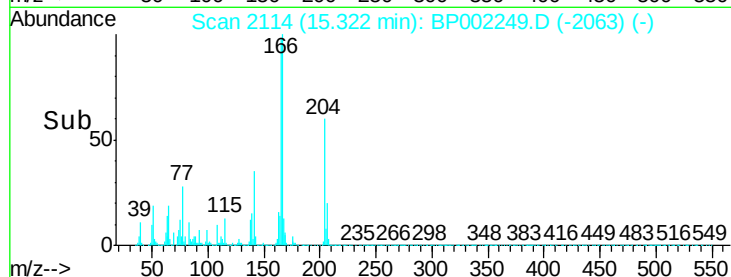
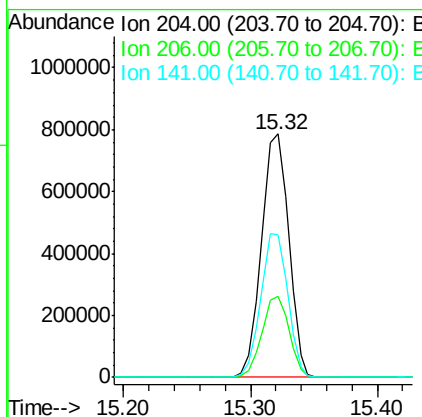
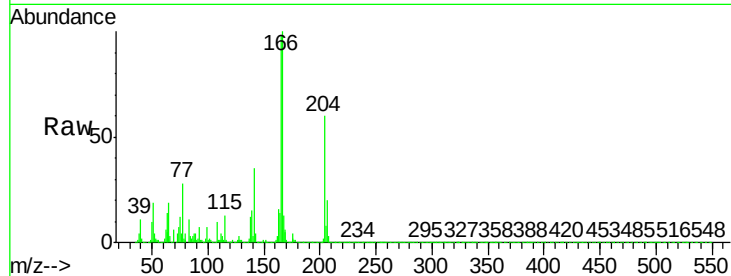




#61
4-Chlorophenyl-phenylether
Concen: 31.395 ng
RT: 15.32 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

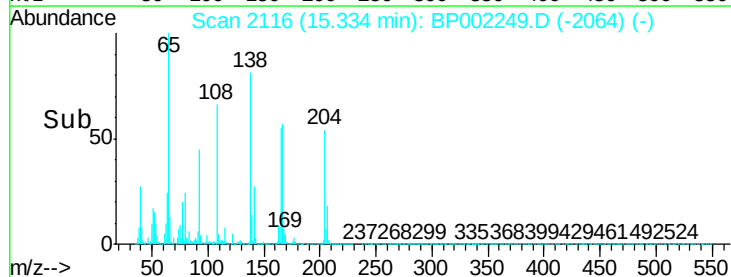
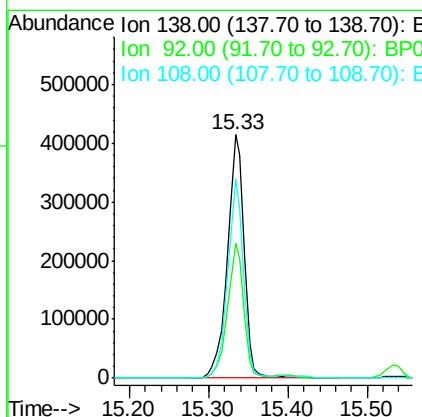
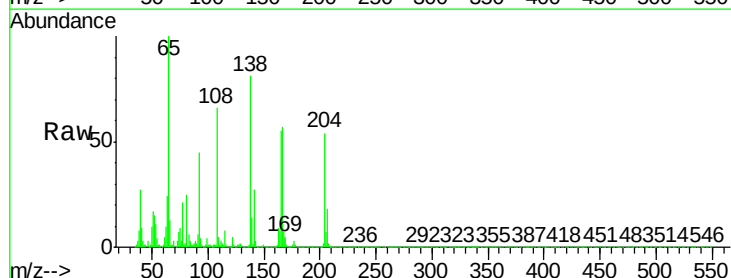
Instrument :
BNA_P
ClientSampled :

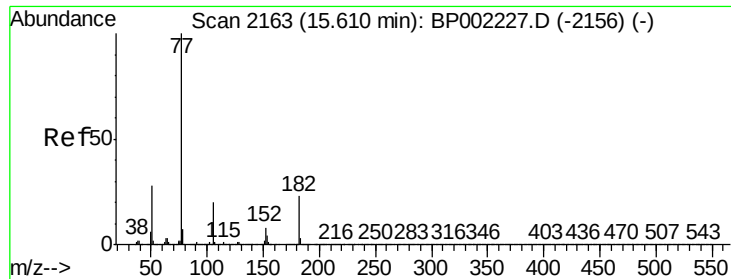
Tot Ion:204 Resp: 1183377
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 58.7 46.2 69.2



#62
4-Nitroaniline
Concen: 31.927 ng
RT: 15.33 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:138 Resp: 606319
Ion Ratio Lower Upper
138 100
92 55.5 35.3 75.3
108 81.6 59.2 99.2

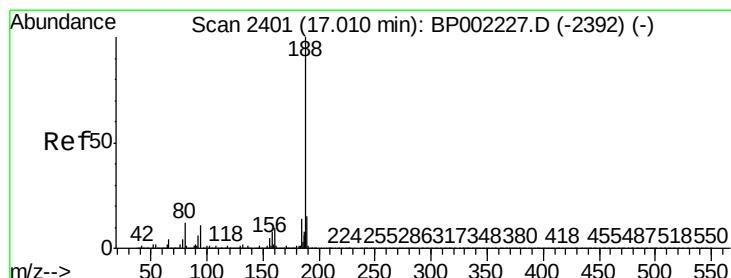
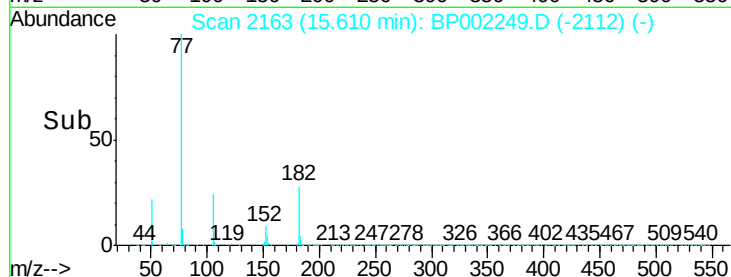
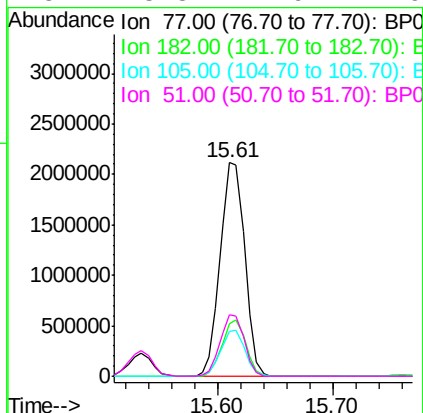
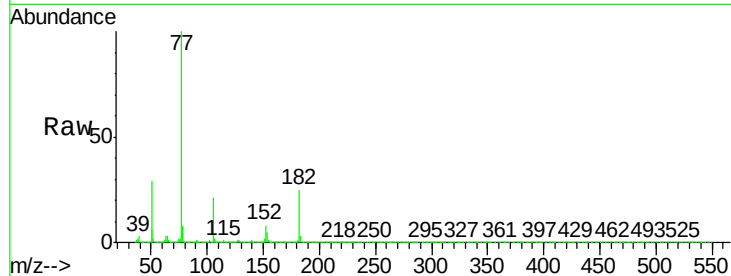




#63
Azobenzene
Concen: 36.147 ng
RT: 15.61 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

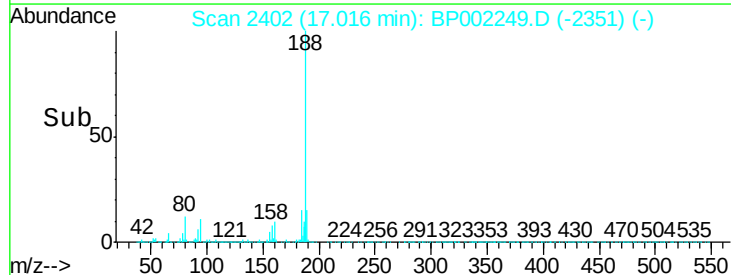
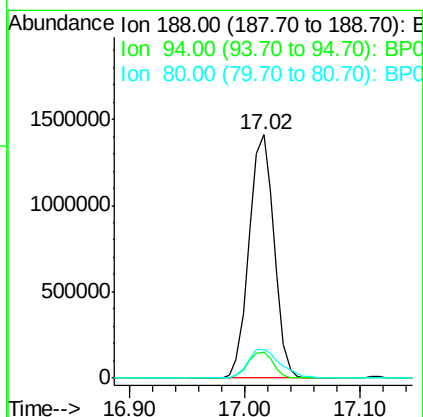
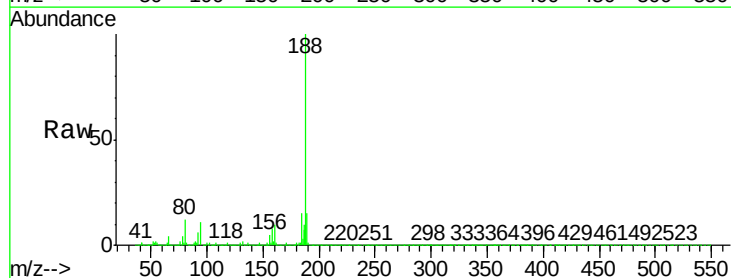
Instrument :
BNA_P
ClientSampleId :

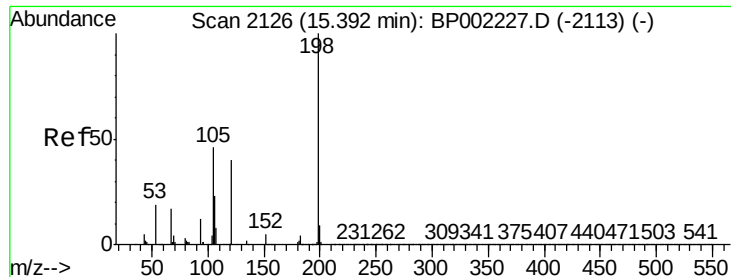
Tot Ion: 77 Resp: 3113743
Ion Ratio Lower Upper
77 100
182 24.5 2.7 42.7
105 21.0 0.5 40.5
51 28.8 7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion: 188 Resp: 2121962
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.9 9.8 14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 23.976 ng

RT: 15.40 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampled :

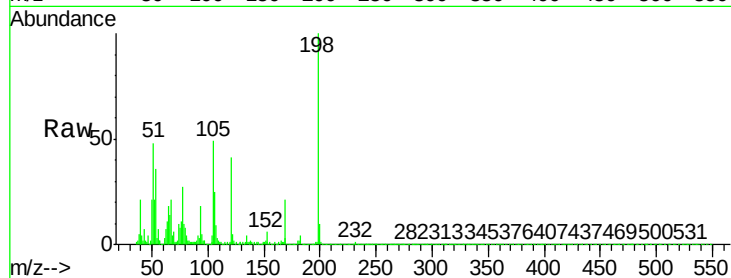
Tot Ion:198 Resp: 210085

Ion Ratio Lower Upper

198 100

51 48.2 26.7 66.7

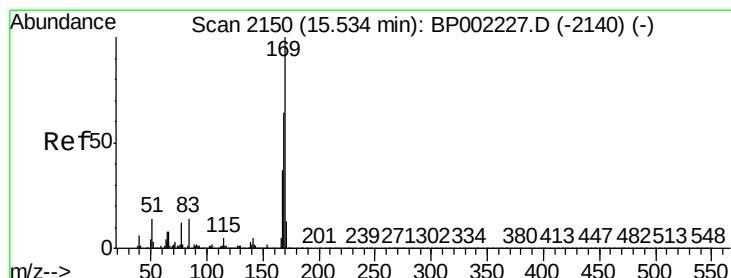
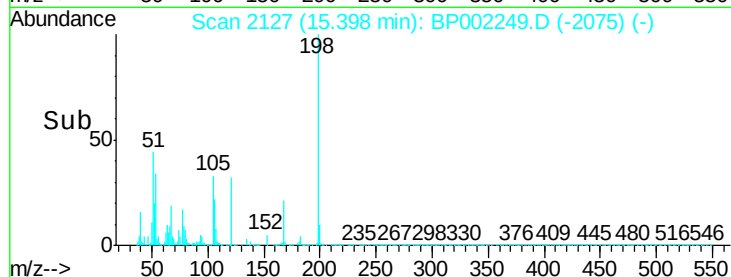
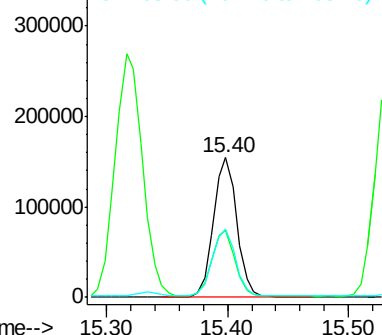
105 49.2 27.5 67.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.766 ng

RT: 15.53 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

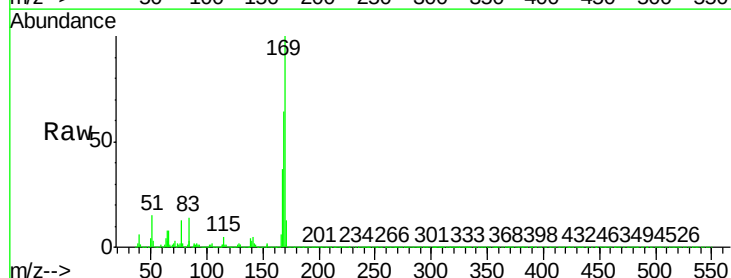
Tgt Ion:169 Resp: 2468047

Ion Ratio Lower Upper

169 100

168 64.2 51.2 76.8

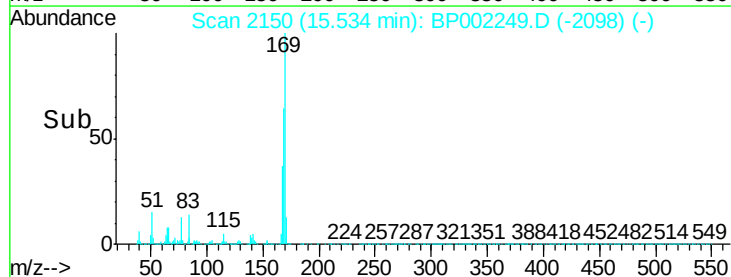
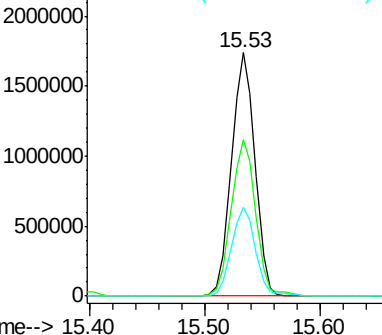
167 36.6 29.6 44.4

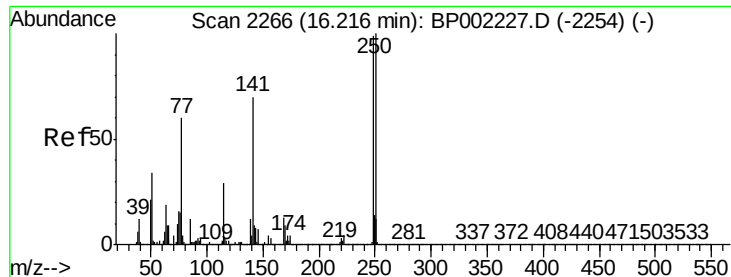


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

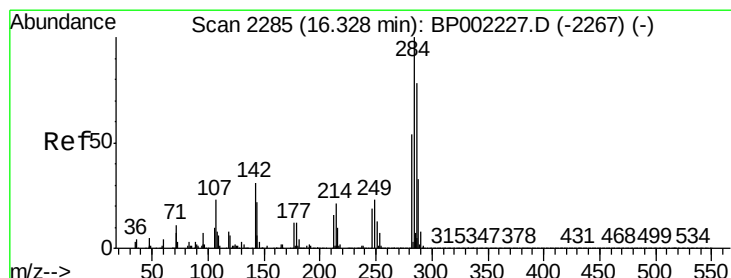
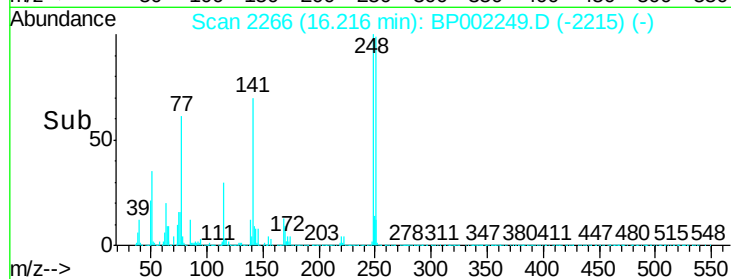
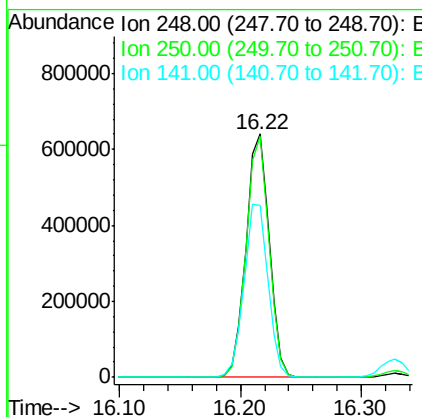
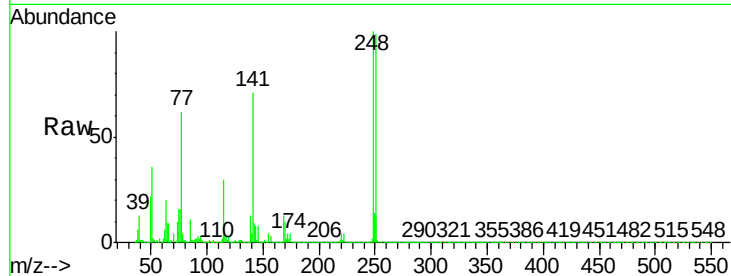




#67
4-Bromophenyl-phenylether
Concen: 38.221 ng
RT: 16.22 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

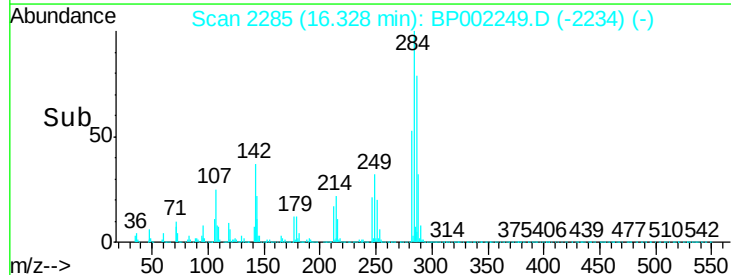
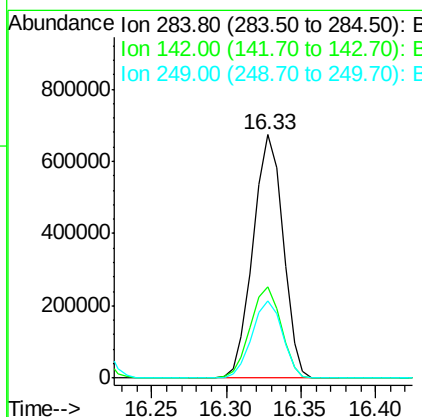
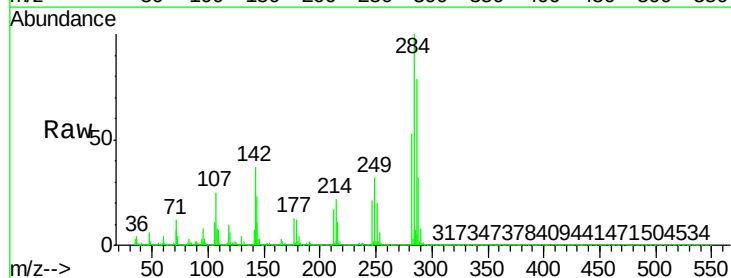
Instrument :
BNA_P
ClientSampleId :

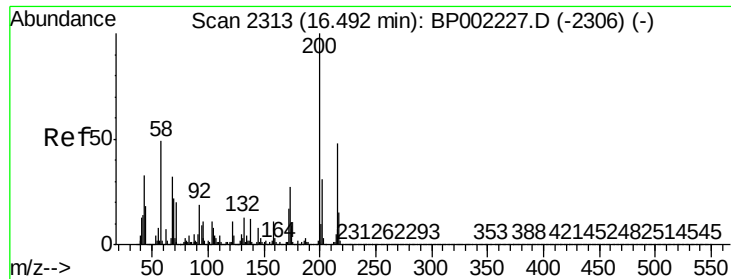
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	80.6	120.8
141	70.7	56.0	84.0



#68
Hexachlorobenzene
Concen: 39.115 ng
RT: 16.33 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	29.3	43.9
249	31.8	25.7	38.5

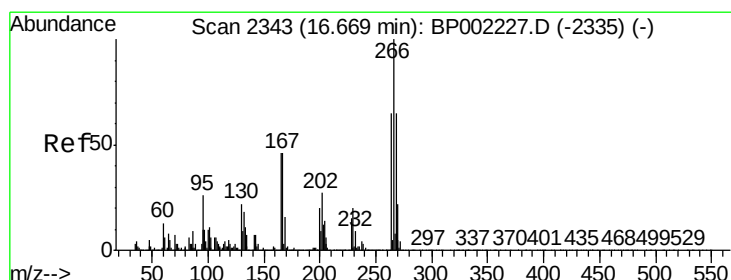
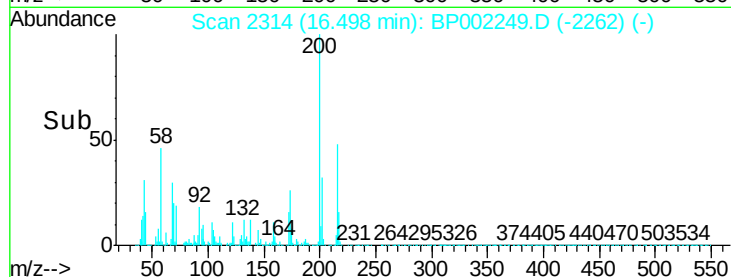
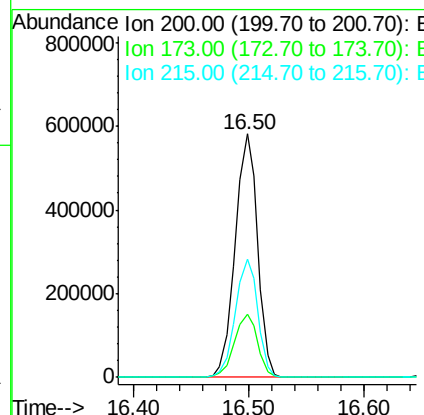
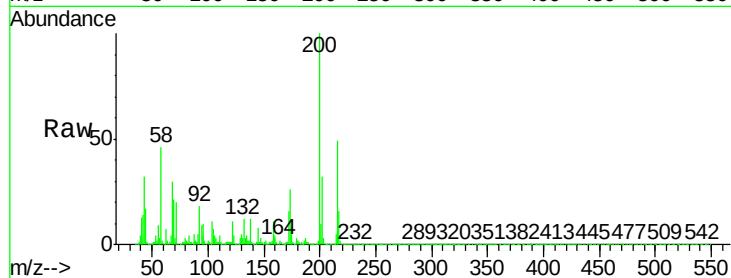




#69
Atrazine
Concen: 41.336 ng
RT: 16.50 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

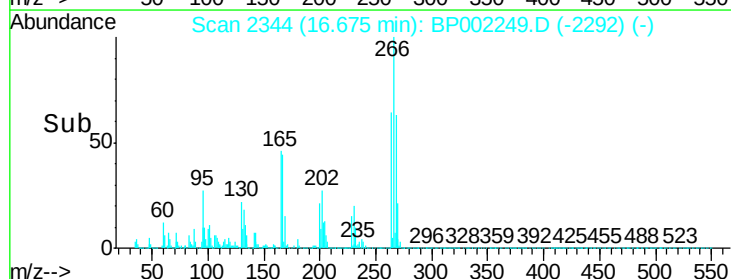
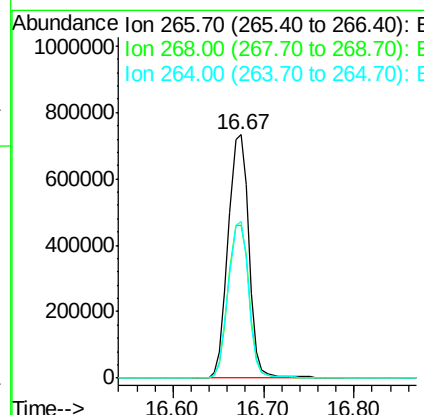
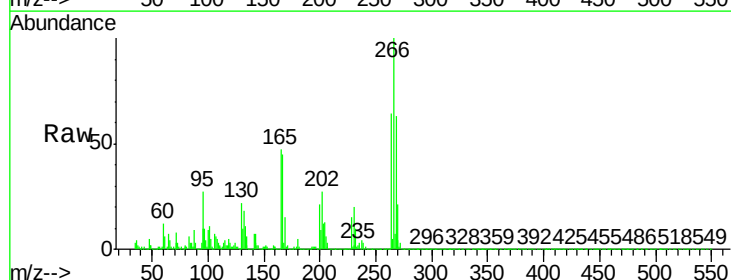
Instrument :
BNA_P
ClientSampleId :

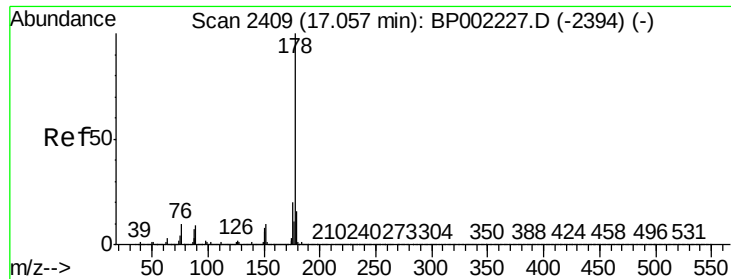
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	48.5	27.7	67.7



#70
Pentachlorophenol
Concen: 81.396 ng
RT: 16.67 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.7	77.5
264	64.4	52.4	78.6

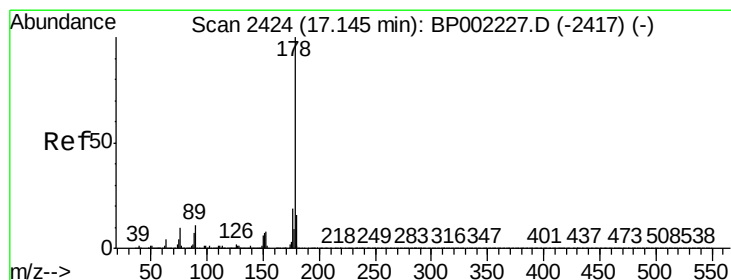
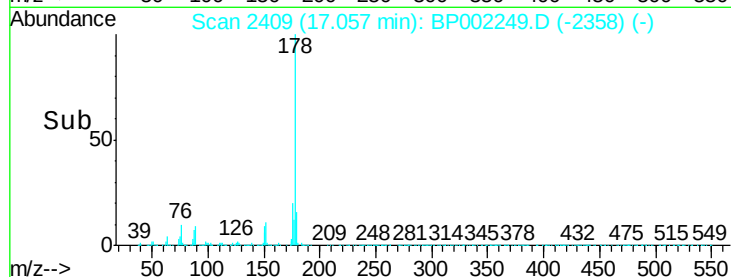
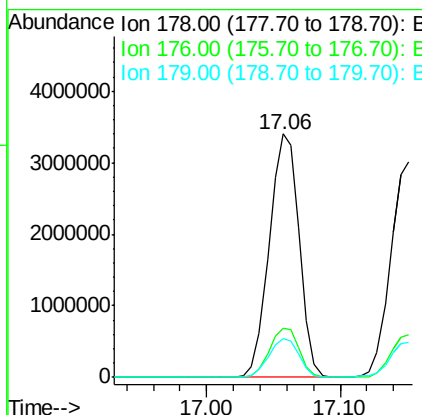
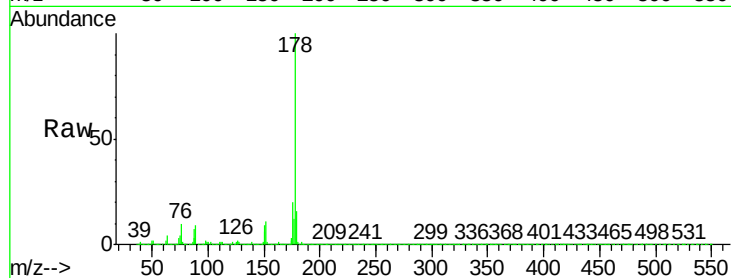




#71
Phenanthrene
Concen: 44.365 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

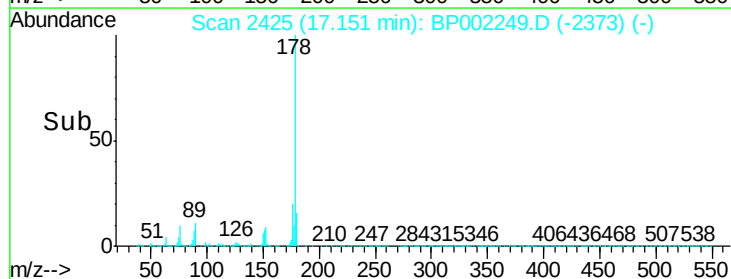
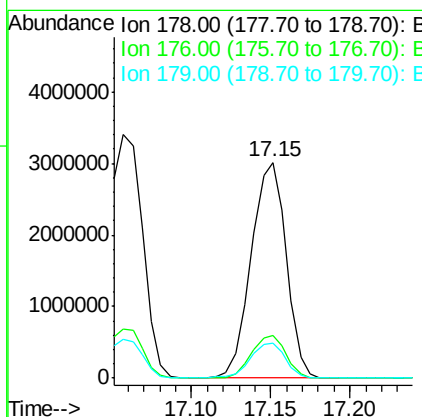
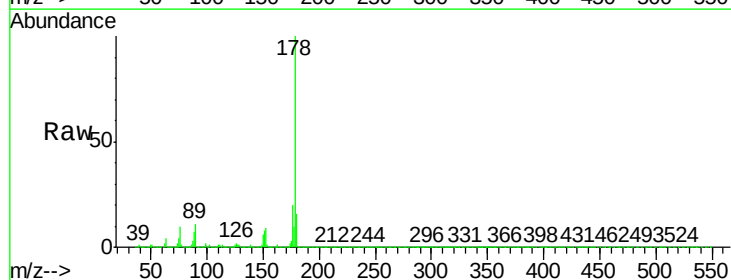
Instrument :
BNA_P
ClientSampleId :

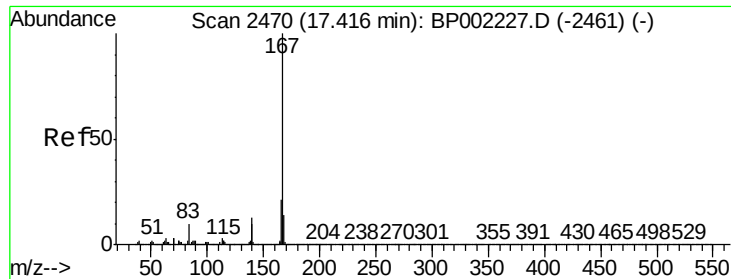
Tot Ion:178 Resp: 5294173
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.9 12.6 18.8



#72
Anthracene
Concen: 39.200 ng
RT: 17.15 min Scan# 2425
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:178 Resp: 4608951
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.2 12.6 18.8

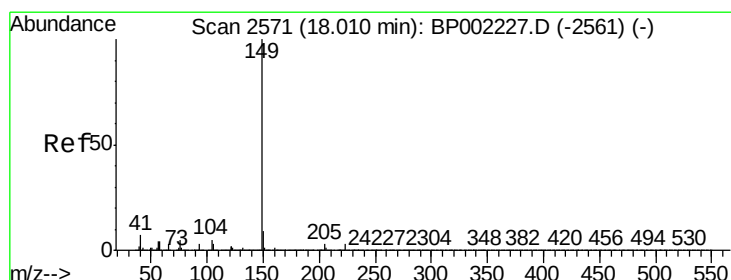
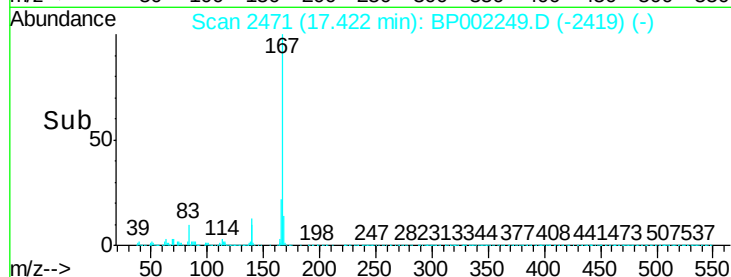
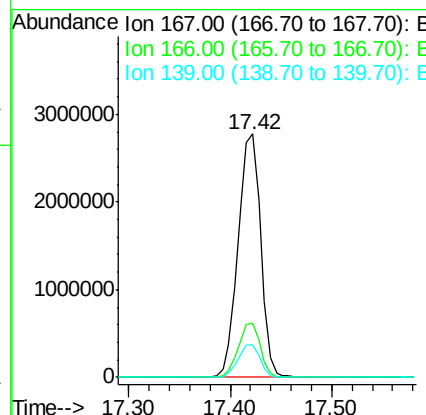
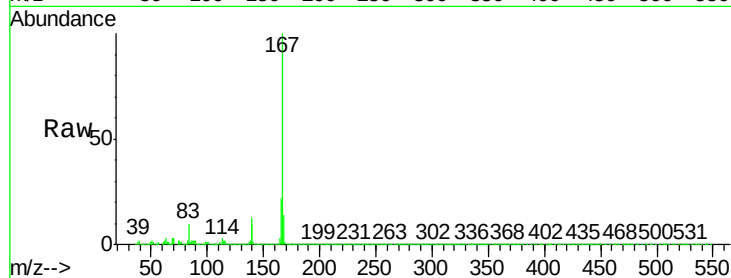




#73
 Carbazole
 Concen: 37.840 ng
 RT: 17.42 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

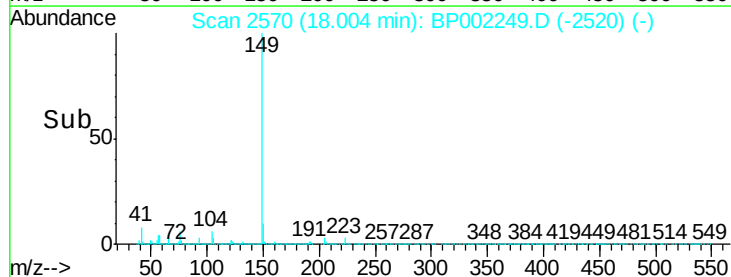
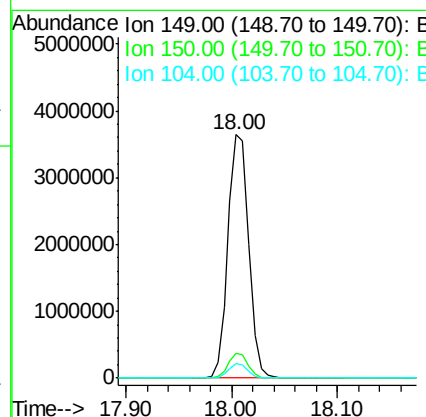
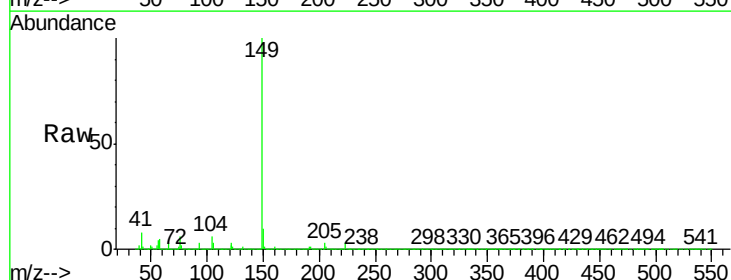
Instrument :
 BNA_P
 ClientSampleId :

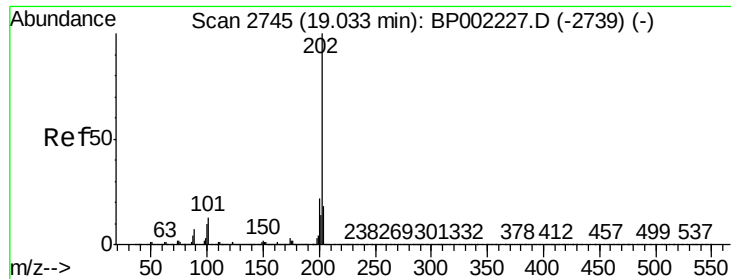
Tot Ion:167 Resp: 4298784
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.5 24.7
 139 13.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 38.646 ng
 RT: 18.00 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Tgt Ion:149 Resp: 4953035
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.0
 104 5.8 4.2 6.2





#75

Fluoranthene

Concen: 49.146 ng

RT: 19.04 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

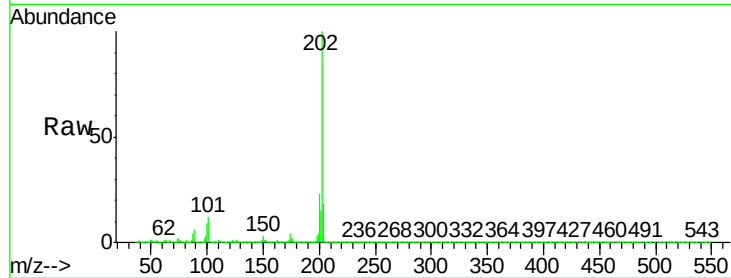
Tot Ion:202 Resp: 6728199

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.3
203	17.9	0.0	38.2

202 100

101 11.8 0.0 33.3

203 17.9 0.0 38.2

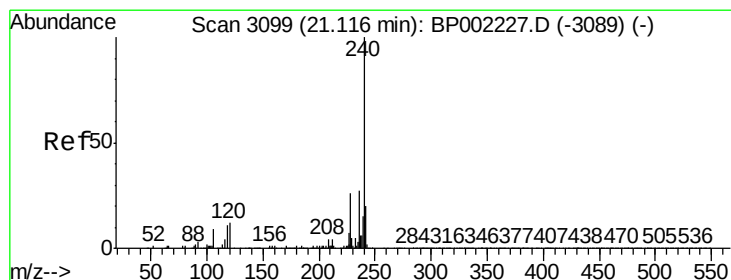
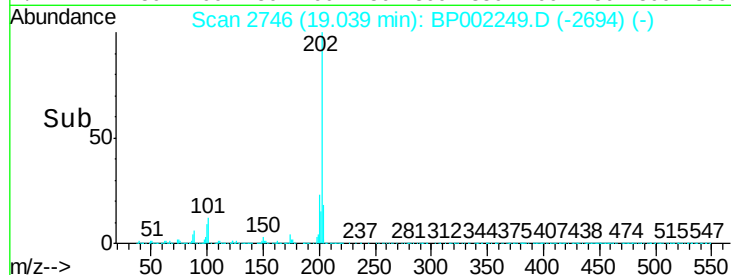
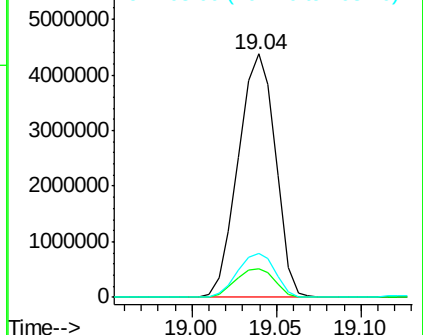


Abundance

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: 21.12 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

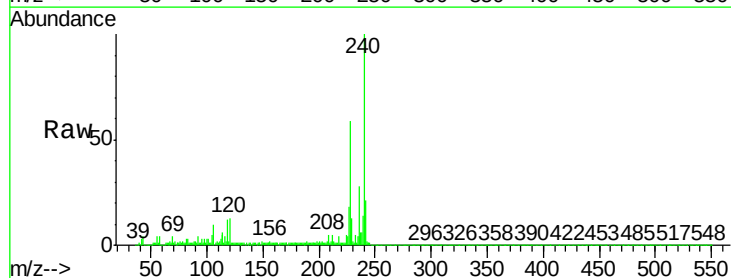
Tgt Ion:240 Resp: 1279035

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.4	14.0
236	28.3	21.8	32.6

240 100

120 13.2 9.4 14.0

236 28.3 21.8 32.6

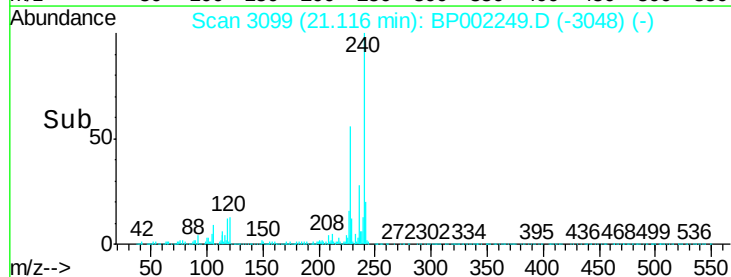
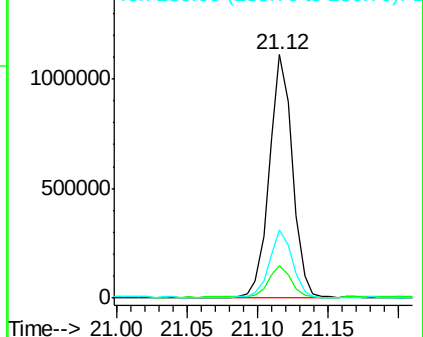


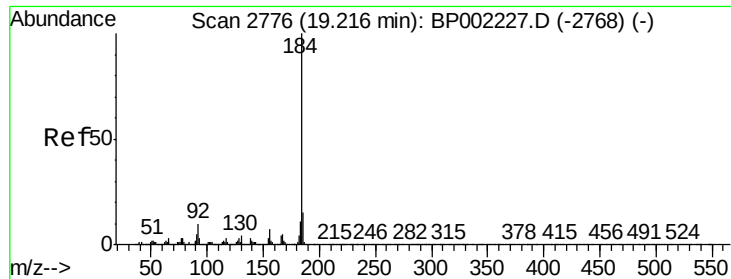
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.309 ng

RT: 19.22 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

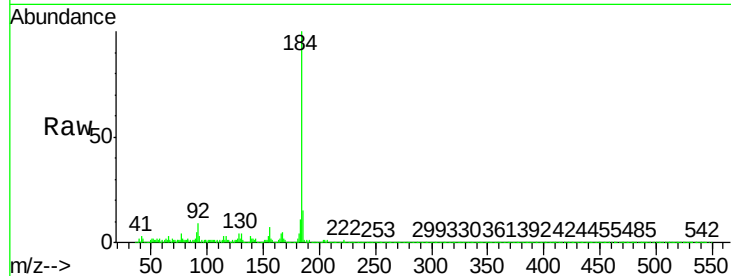
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1872123

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.9	17.9
183	11.0	9.1	13.7

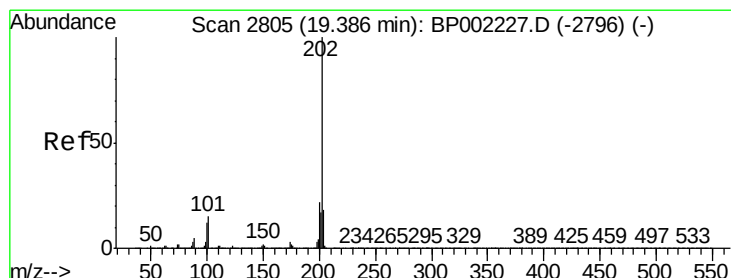
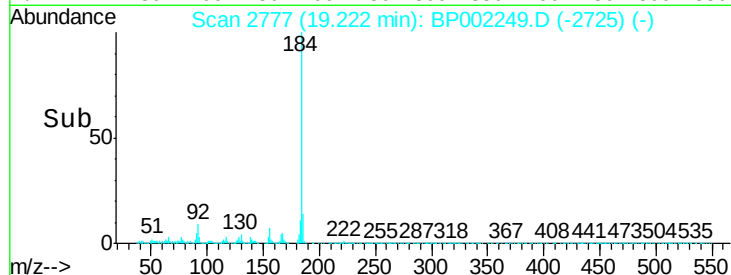
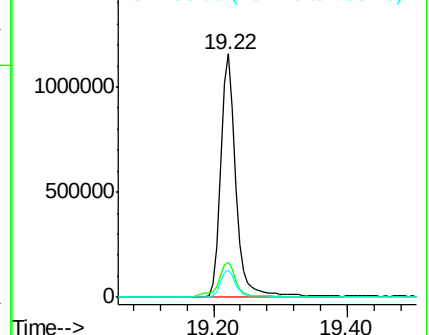


Abundance

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: 72.104 ng

RT: 19.39 min Scan# 2806

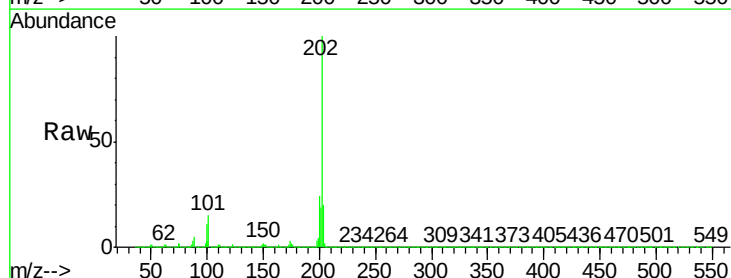
Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:202 Resp: 6264697

Ion	Ratio	Lower	Upper
202	100		
200	24.2	17.3	25.9
203	19.6	14.2	21.2

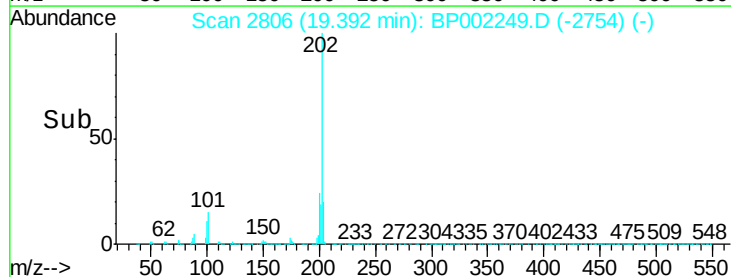
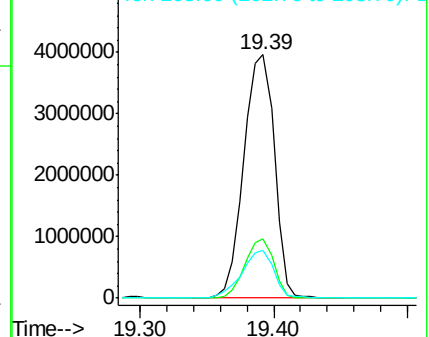


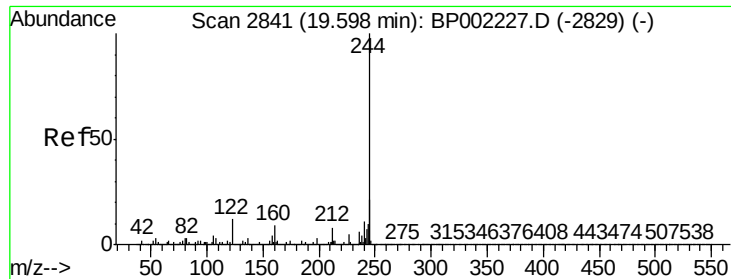
Abundance

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: 104.029 ng

RT: 19.60 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

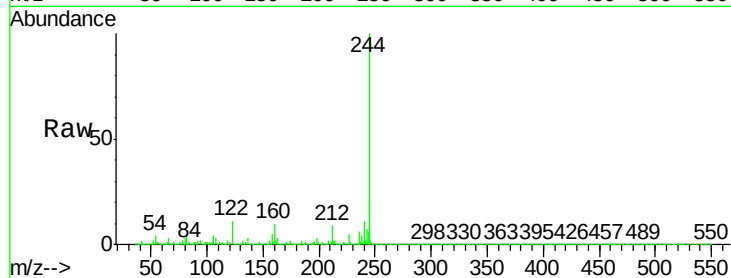
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 5429516

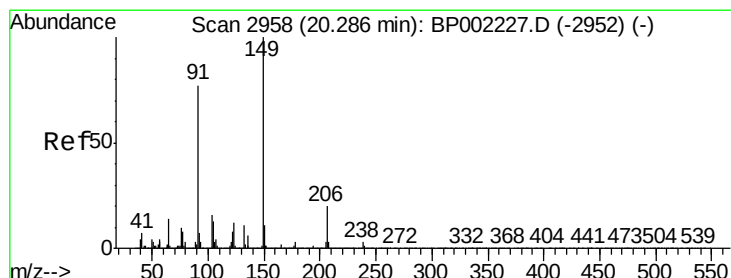
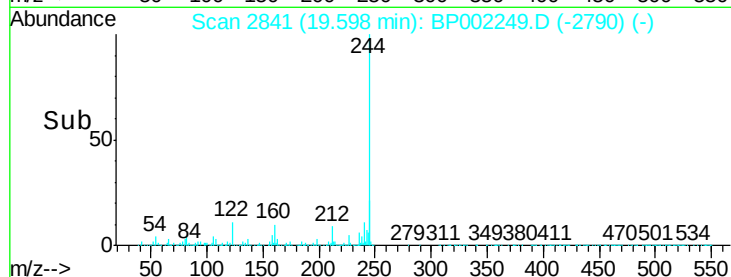
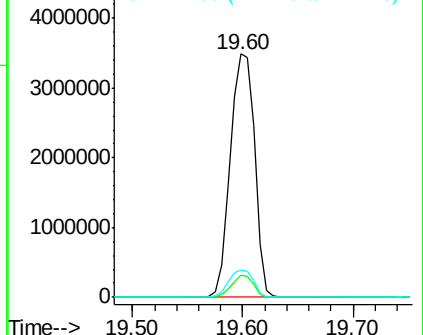
Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	9.8
122	11.3	9.5	14.3



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: 67.459 ng

RT: 20.29 min Scan# 2958

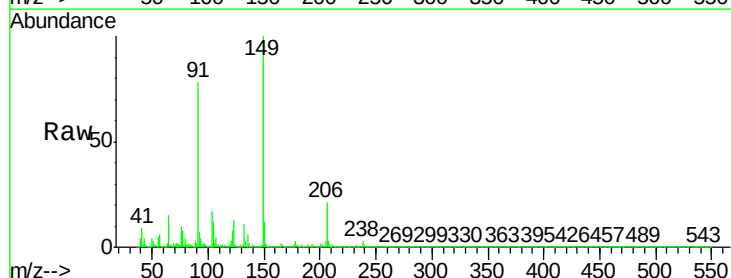
Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:149 Resp: 1900295

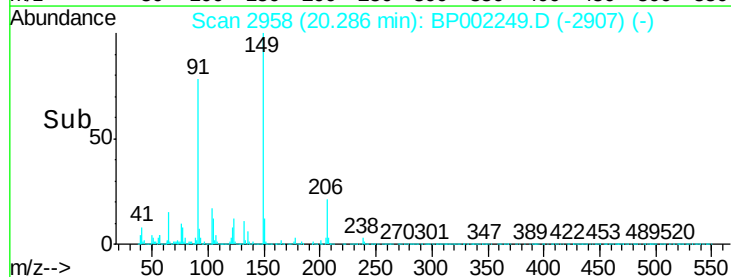
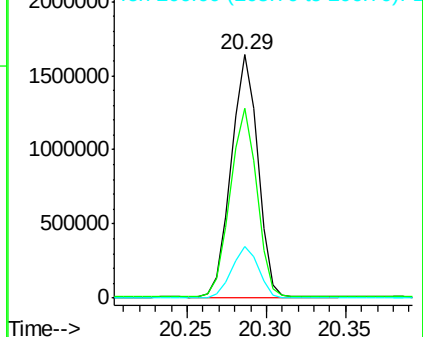
Ion	Ratio	Lower	Upper
149	100		
91	78.1	61.8	92.8
206	21.2	16.0	24.0

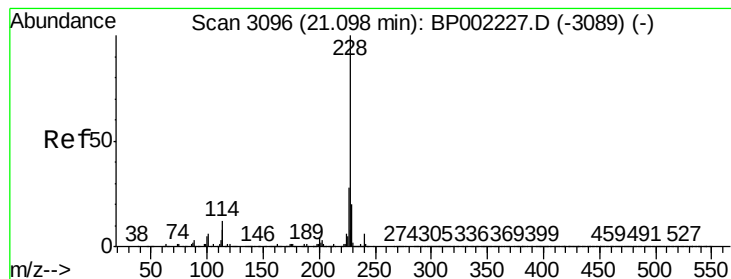


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.420 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

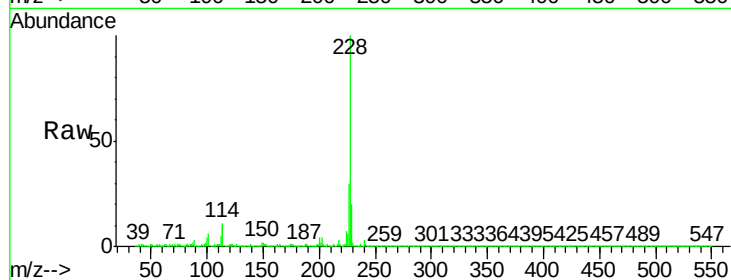
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 4266230

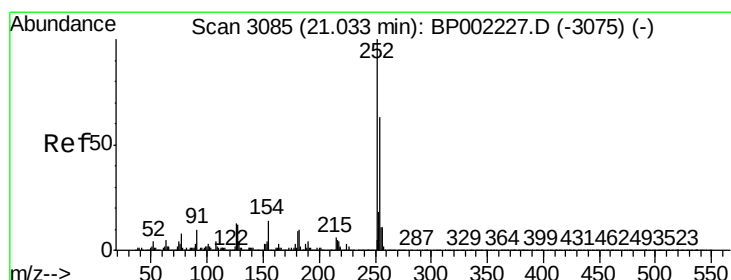
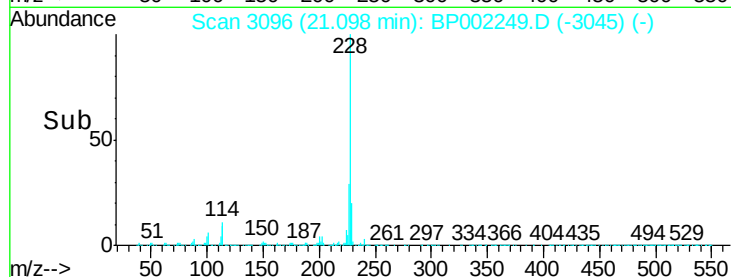
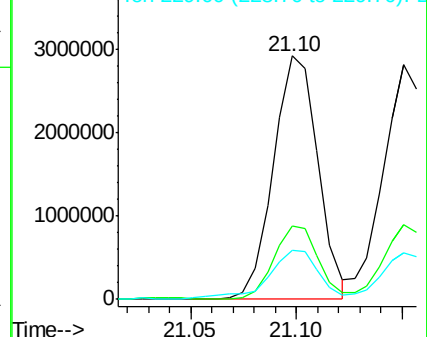
Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	20.2	15.8	23.8



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: 43.340 ng

RT: 21.04 min Scan# 3086

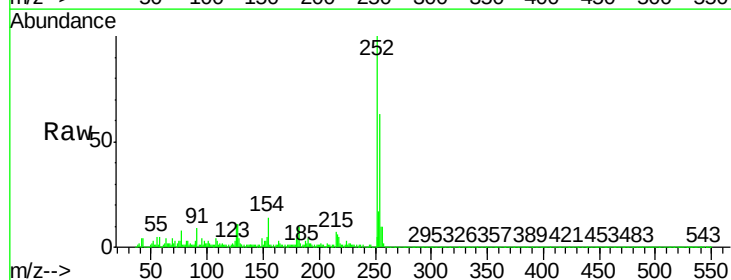
Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:252 Resp: 1336004

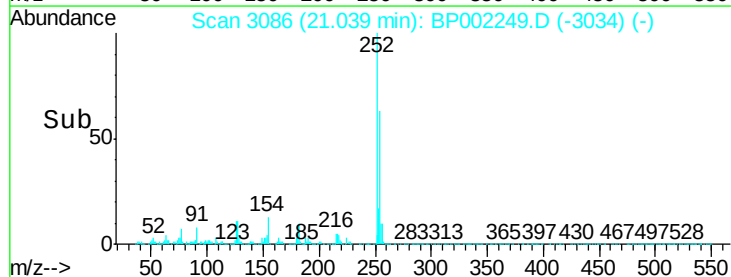
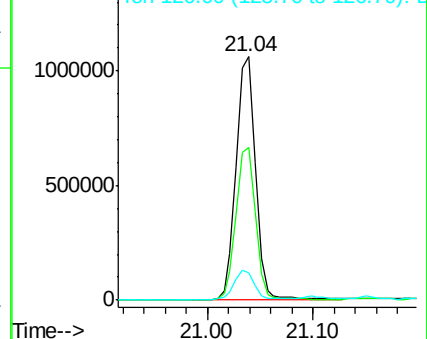
Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.2	75.4
126	11.5	10.0	15.0

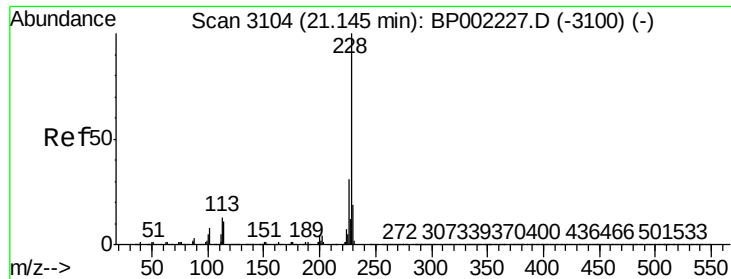


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.432 ng

RT: 21.15 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

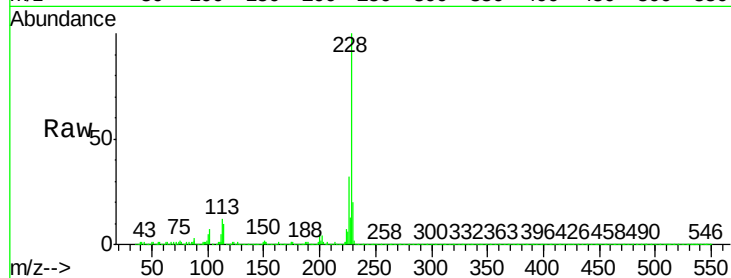
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 4027826

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.1	15.1	22.7

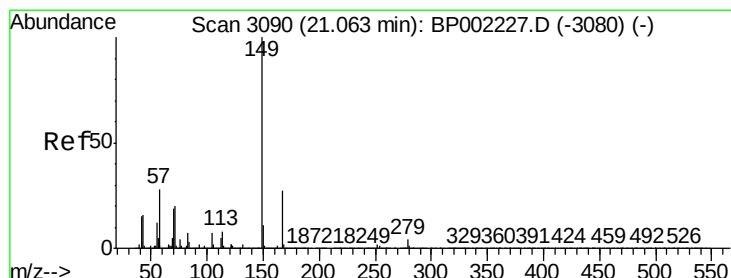
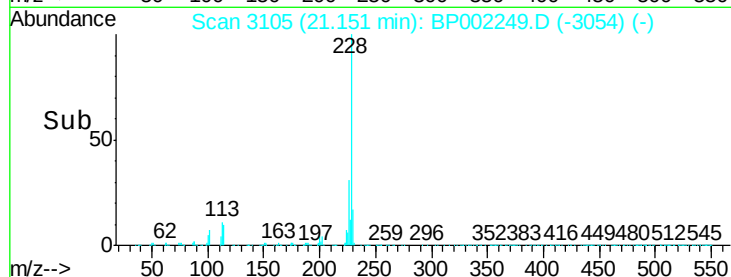
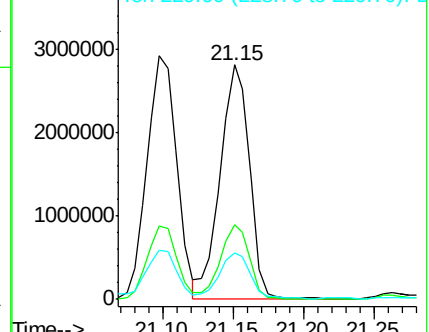


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.364 ng

RT: 21.06 min Scan# 3090

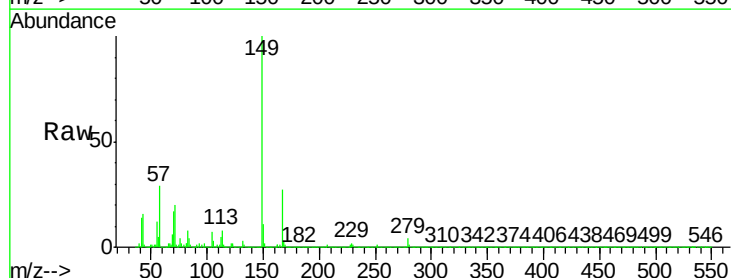
Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:149 Resp: 2899596

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.0
279	4.4	2.8	4.2#

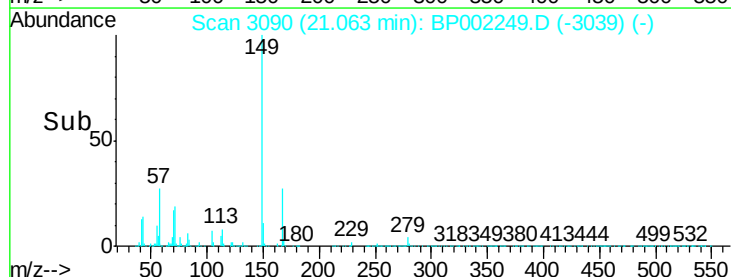
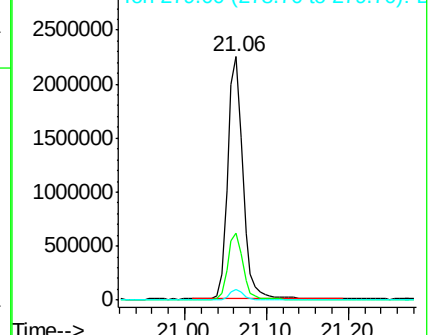


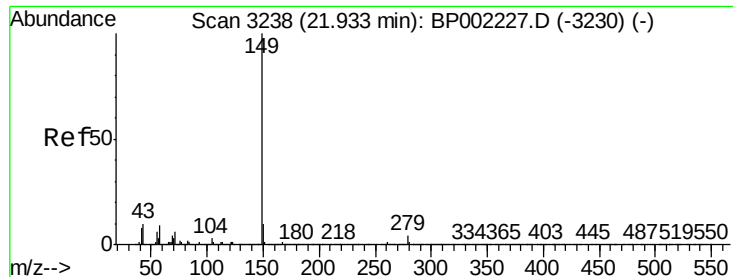
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.105 ng

RT: 21.93 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

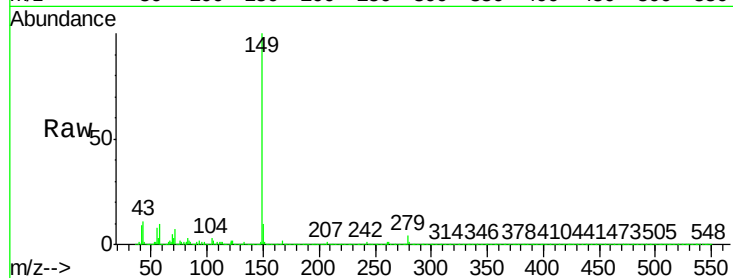
Tot Ion:149 Resp: 4520265

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

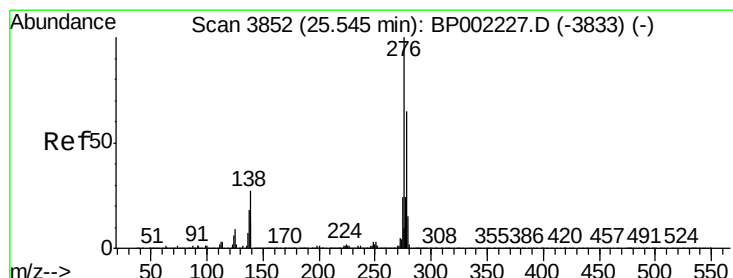
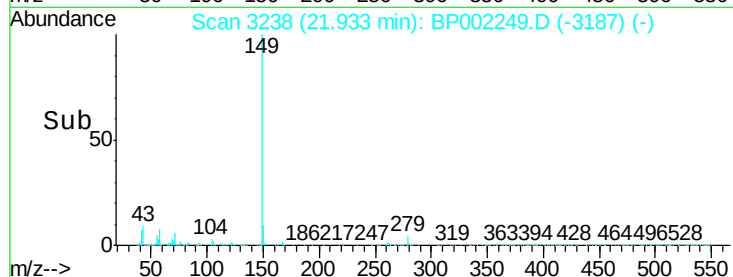
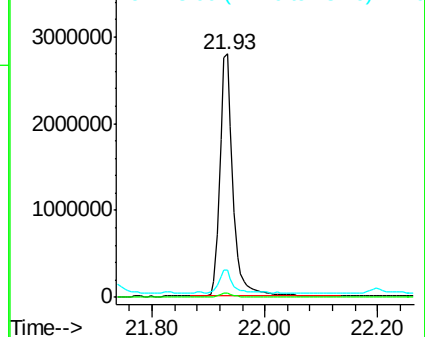
43 9.1 8.6 13.0



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: 37.966 ng

RT: 25.56 min Scan# 3855

Delta R.T. 0.02 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

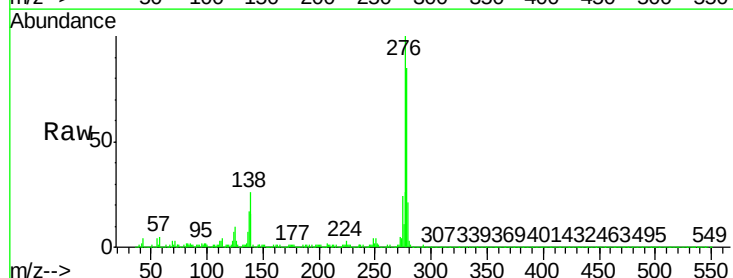
Tgt Ion:276 Resp: 4209246

Ion Ratio Lower Upper

276 100

138 26.8 23.4 35.0

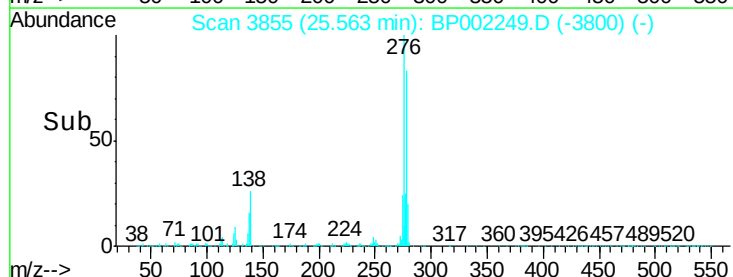
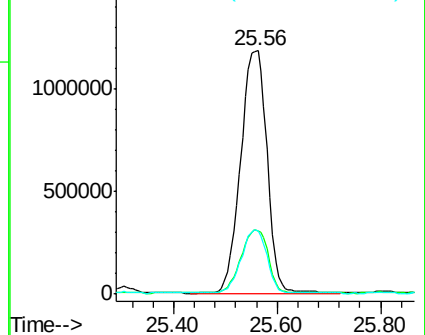
277 25.3 20.3 30.5

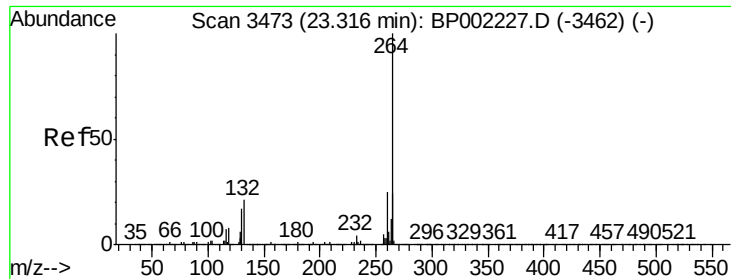


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.32 min Scan# 3474

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

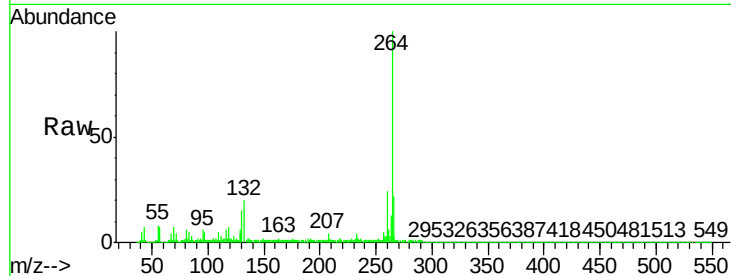
Tot Ion:264 Resp: 1355886

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	21.8	19.0	28.4

264 100

260 24.0 20.4 30.6

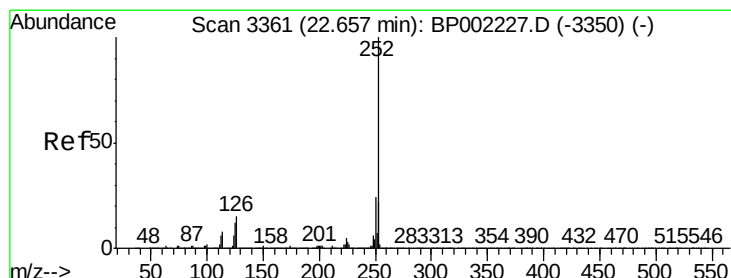
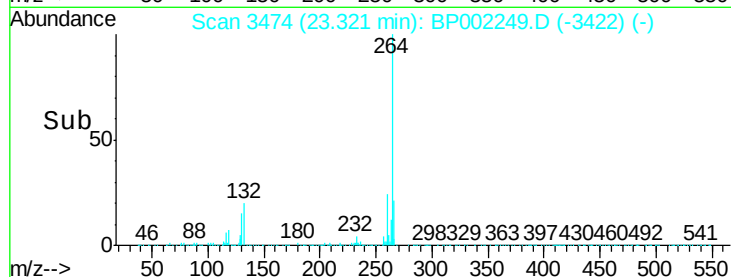
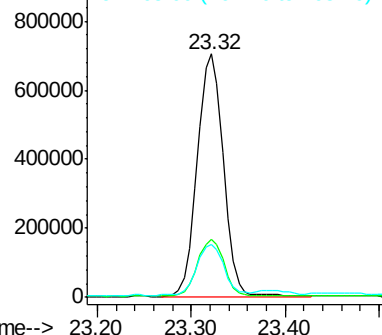
265 21.8 19.0 28.4



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: 52.419 ng

RT: 22.66 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

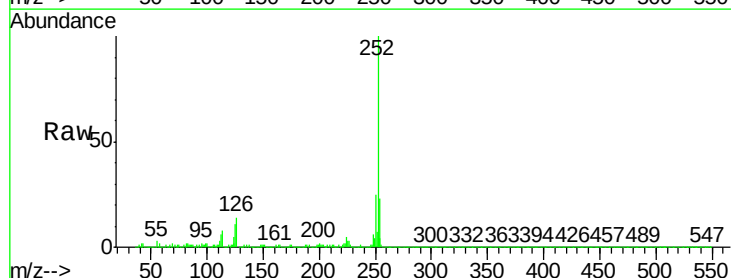
Tgt Ion:252 Resp: 4273821

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.9	9.4	14.0

252 100

253 22.5 17.8 26.8

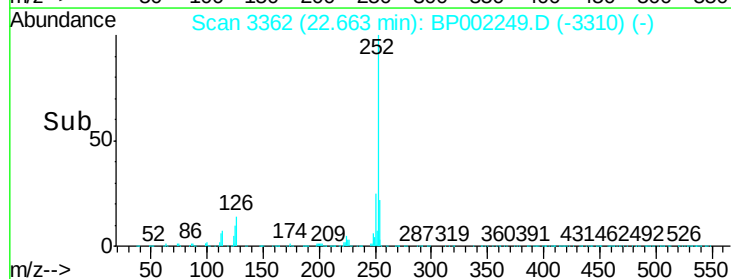
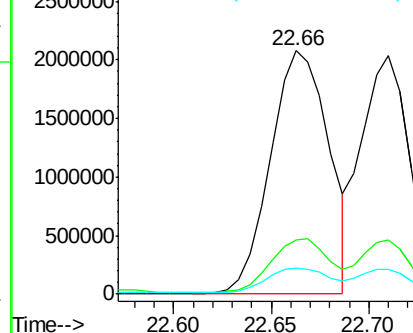
125 10.9 9.4 14.0

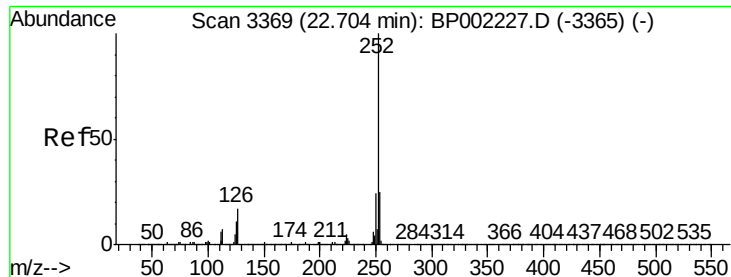


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.867 ng

RT: 22.71 min Scan# 3370

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

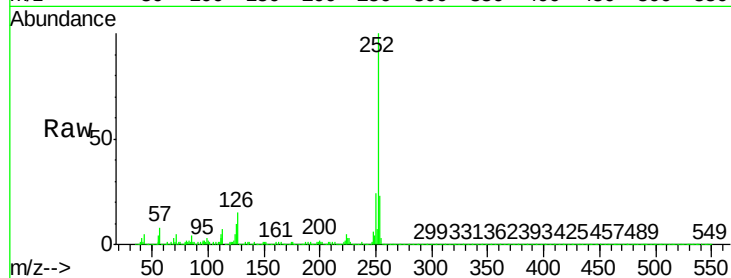
Tot Ion:252 Resp: 3496550

Ion Ratio Lower Upper

252 100

253 22.6 19.4 29.0

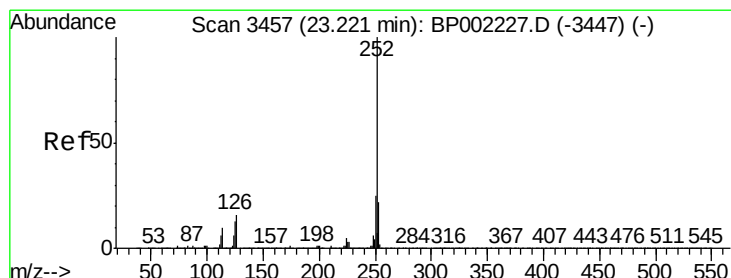
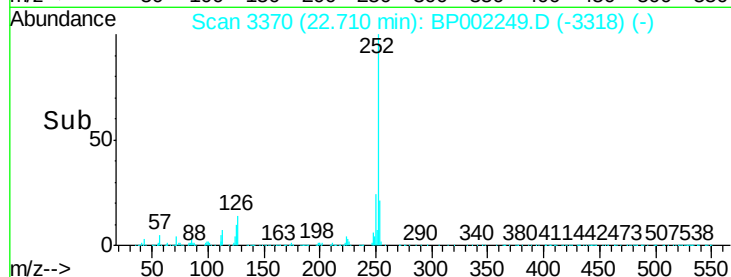
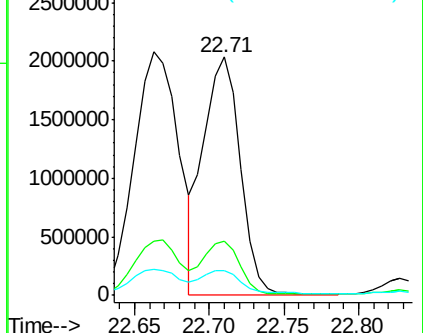
125 10.4 9.1 13.7



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



#90

Benzo(a)pyrene

Concen: 47.549 ng

RT: 23.23 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

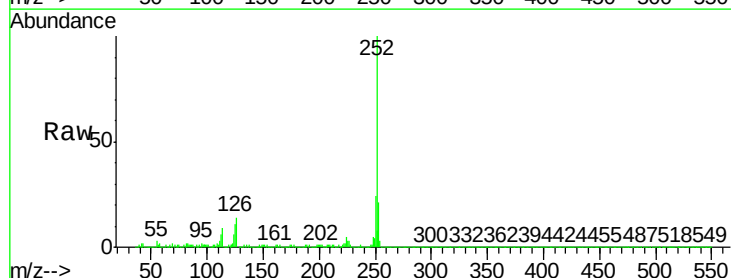
Tgt Ion:252 Resp: 3732323

Ion Ratio Lower Upper

252 100

253 20.7 17.5 26.3

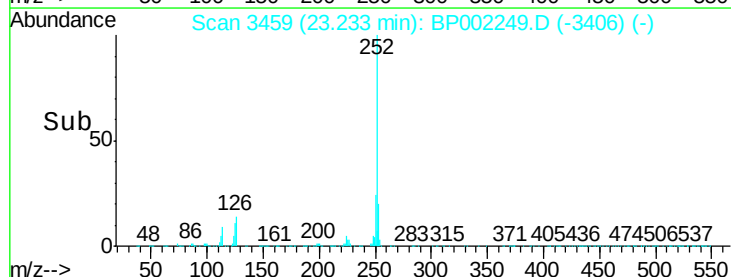
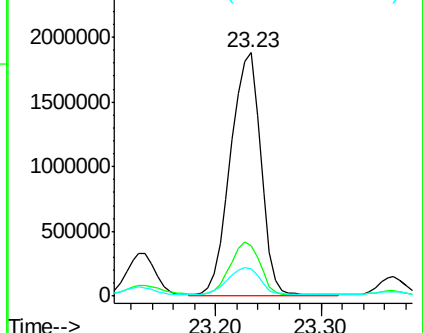
125 11.3 10.2 15.2

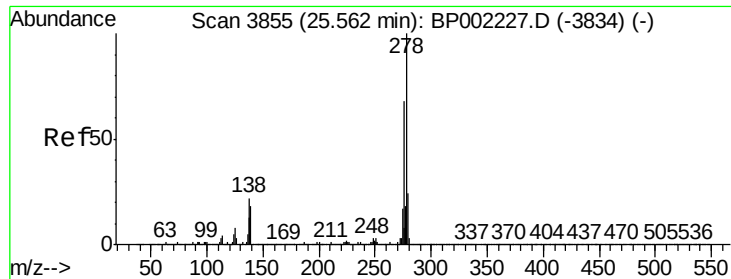


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.708 ng

RT: 25.57 min Scan# 3857

Delta R.T. 0.02 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

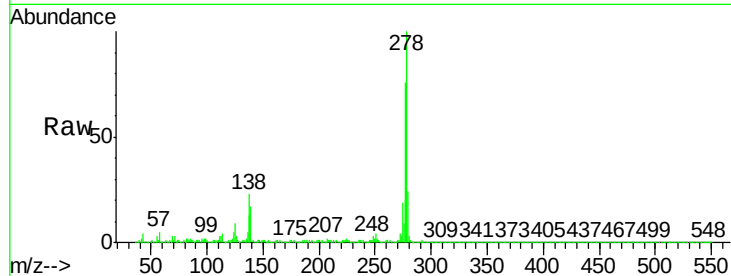
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 3085872

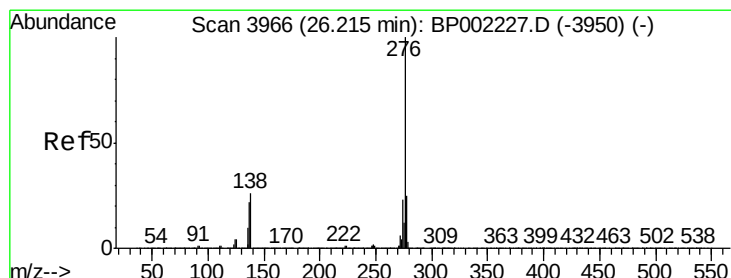
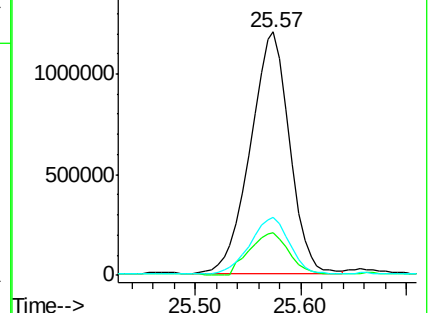
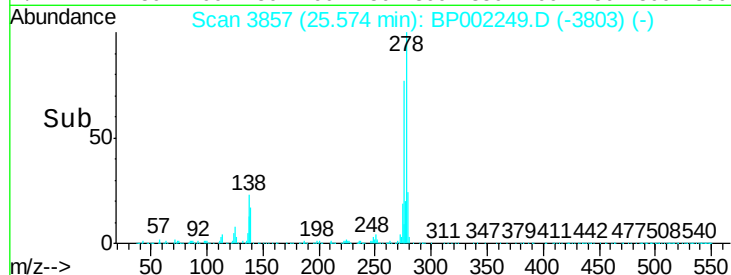
Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.3	21.5
279	23.8	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.639 ng

RT: 26.24 min Scan# 3970

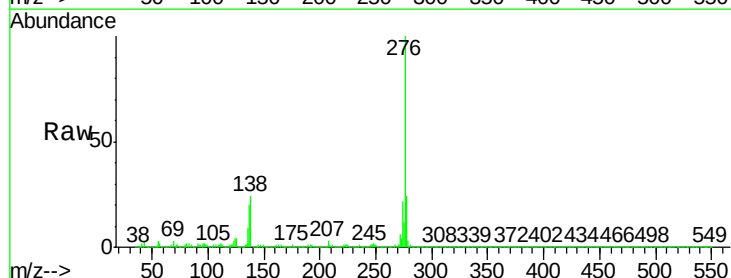
Delta R.T. 0.02 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:276 Resp: 3845076

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.9	29.9
138	23.8	21.0	31.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

