

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002577.D
 Acq On : 30 Jun 2020 16:20
 Operator : CG/JU
 Sample : L3153-25MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-FMSD

Quant Time: Jun 30 17:56:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	30539	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	154811	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	134810	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	390181	20.00	ng	0.00
76) Chrysene-d12	21.09	240	529418	20.00	ng	0.00
86) Perylene-d12	23.29	264	673073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	322532	178.82	ng	0.00
7) Phenol-d6	6.76	99	493672	196.09	ng	0.00
23) Nitrobenzene-d5	8.71	82	301526	100.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	302949	184.76	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	831160	90.74	ng	0.00
79) Terphenyl-d14	19.57	244	2231293	90.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	28328	36.644	ng	96
3) Pyridine	3.52	79	99709	43.518	ng	98
4) n-Nitrosodimethylamine	3.44	42	47164	48.494	ng	# 99
6) Aniline	6.90	93	142734	45.131	ng	98
8) 2-Chlorophenol	7.14	128	124061	61.918	ng	98
9) Benzaldehyde	6.72	77	46209	33.980	ng	100
10) Phenol	6.79	94	179360	70.648	ng	98
11) bis(2-Chloroethyl)ether	7.00	93	110198	52.885	ng	99
12) 1,3-Dichlorobenzene	7.46	146	108933	47.116	ng	99
13) 1,4-Dichlorobenzene	7.60	146	111996	47.548	ng	98
14) 1,2-Dichlorobenzene	7.92	146	110963	48.941	ng	99
15) Benzyl Alcohol	7.81	79	119701	63.277	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.11	45	141523	48.748	ng	96
17) 2-Methylphenol	8.02	107	119632	62.955	ng	99
18) Hexachloroethane	8.64	117	37521	44.136	ng	98
19) n-Nitroso-di-n-propylamine	8.37	70	99430	60.196	ng	99
20) 3+4-Methylphenols	8.35	107	168413	65.736	ng	99
22) Acetophenone	8.39	105	189058	48.249	ng	# 98
24) Nitrobenzene	8.76	77	150051	47.182	ng	99
25) Isophorone	9.28	82	307103	50.997	ng	100
26) 2-Nitrophenol	9.46	139	72409	49.923	ng	98
27) 2,4-Dimethylphenol	9.55	122	134491	61.194	ng	96
28) bis(2-Chloroethoxy)methane	9.77	93	172637	49.907	ng	100
29) 2,4-Dichlorophenol	10.00	162	148121	58.479	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	128288	44.989	ng	98
31) Naphthalene	10.39	128	401060	48.938	ng	99
32) Benzoic acid	9.68	122	119126	65.203	ng	98
33) 4-Chloroaniline	10.51	127	144258	40.242	ng	98
34) Hexachlorobutadiene	10.69	225	67275	38.544	ng	98
35) Caprolactam	11.26	113	70178	82.423	ng	99
36) 4-Chloro-3-methylphenol	11.65	107	190429	68.595	ng	100
37) 2-Methylnaphthalene	12.02	142	332866	55.705	ng	99
38) 1-Methylnaphthalene	12.23	142	318339	56.566	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	170332	40.464	ng	99

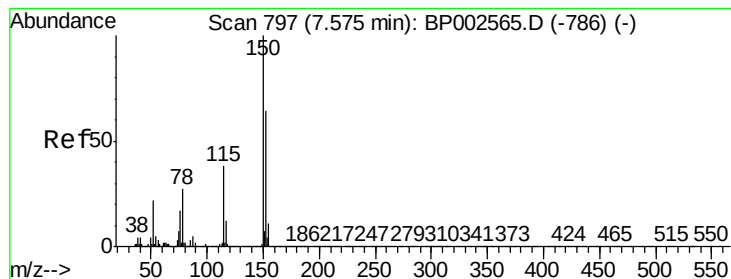
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	91959	43.939	ng	97
43) 2,4,6-Trichlorophenol	12.65	196	138836	48.744	ng	96
44) 2,4,5-Trichlorophenol	12.72	196	162695	49.621	ng	98
46) 1,1'-Biphenyl	13.05	154	453990	44.520	ng	98
47) 2-Chloronaphthalene	13.08	162	367826	44.312	ng	98
48) 2-Nitroaniline	13.29	65	145770	55.046	ng	97
49) Acenaphthylene	13.93	152	650591	49.800	ng	99
50) Dimethylphthalate	13.69	163	717662	67.779	ng	100
51) 2,6-Dinitrotoluene	13.80	165	124136	54.284	ng	98
52) Acenaphthene	14.29	154	381080	49.441	ng	98
53) 3-Nitroaniline	14.13	138	108360	43.519	ng	98
54) 2,4-Dinitrophenol	14.35	184	160290	110.007	ng	96
55) Dibenzofuran	14.62	168	647213	51.815	ng	99
56) 4-Nitrophenol	14.46	139	268926	135.087	ng	99
57) 2,4-Dinitrotoluene	14.60	165	187196	60.853	ng	98
58) Fluorene	15.28	166	529344	55.644	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	161551	60.994	ng	99
60) Diethylphthalate	15.07	149	578977	54.990	ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	259216	50.810	ng	97
62) 4-Nitroaniline	15.30	138	159815	64.218	ng	100
63) Azobenzene	15.57	77	565002	55.499	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	121309	48.287	ng	96
66) n-Nitrosodiphenylamine	15.49	169	507820	44.584	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	179168	40.863	ng	97
68) Hexachlorobenzene	16.29	284	209431	44.585	ng	97
69) Atrazine	16.46	200	196500	53.764	ng	98
70) Pentachlorophenol	16.64	266	271213	100.330	ng	96
71) Phenanthrene	17.02	178	1061239	50.551	ng	100
72) Anthracene	17.11	178	1085724	51.972	ng	99
73) Carbazole	17.39	167	1105962	54.779	ng	98
74) Di-n-butylphthalate	17.97	149	1231148	51.779	ng	99
75) Fluoranthene	19.01	202	1513503	59.560	ng	99
78) Pyrene	19.36	202	1565383	43.440	ng	100
80) Butylbenzylphthalate	20.26	149	705016	44.814	ng	97
81) Benzo(a)anthracene	21.07	228	1662411	48.030	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	547820	43.232	ng	96
83) Chrysene	21.13	228	1603558	48.315	ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1020499	45.173	ng	100
85) Di-n-octyl phthalate	21.89	149	1954718	48.990	ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2714560	56.014	ng	100
88) Benzo(b)fluoranthene	22.63	252	2024080	47.128	ng	99
89) Benzo(k)fluoranthene	22.67	252	1922703	47.988	ng	99
90) Benzo(a)pyrene	23.19	252	1911148	48.491	ng	98
91) Dibenzo(a,h)anthracene	25.52	278	2194249	55.410	ng	98
92) Benzo(g,h,i)perylene	26.18	276	2345163	59.214	ng	97

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

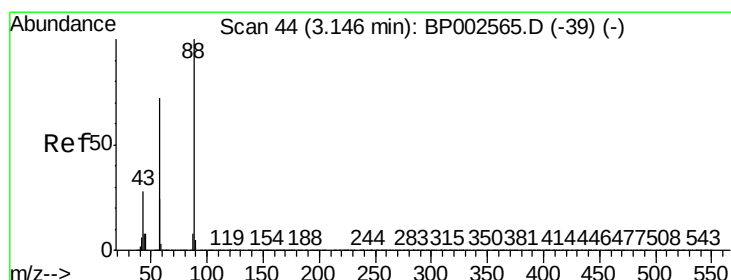
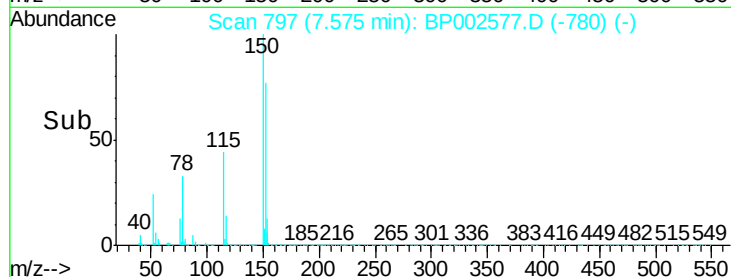
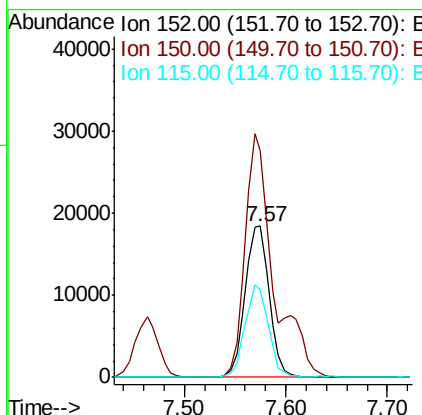
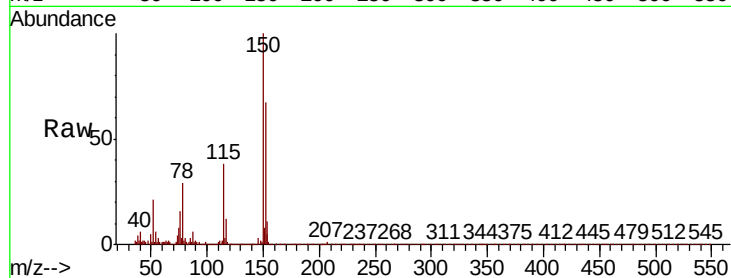


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 797
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

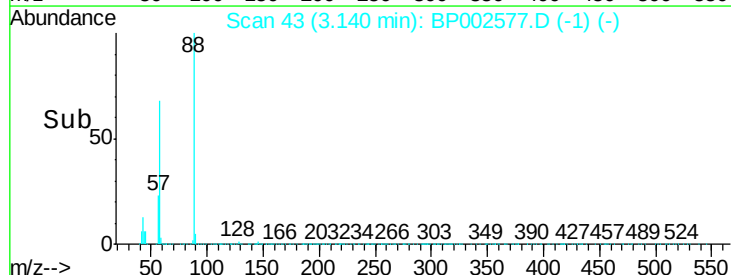
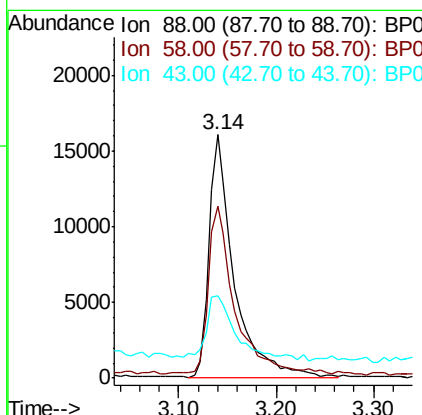
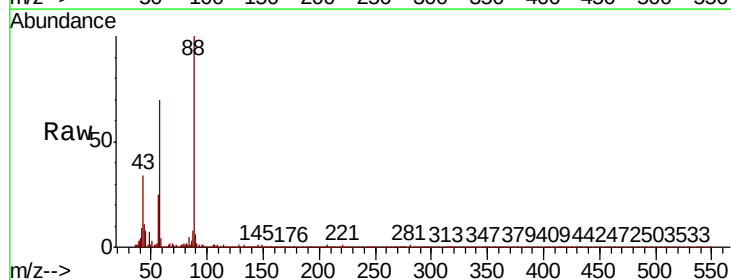
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.2	186.2
115	57.6	47.1	70.7

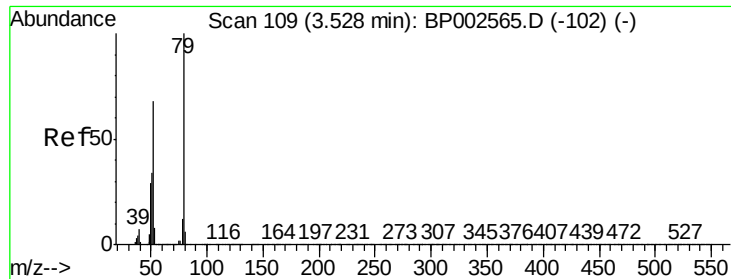


#2

1,4-Dioxane
Concen: 36.644 ng
RT: 3.14 min Scan# 43
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	58.1	87.1
43	33.5	23.2	34.8





#3

Pvridine

Concen: 43.518 ng

RT: 3.52 min Scan# 108

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

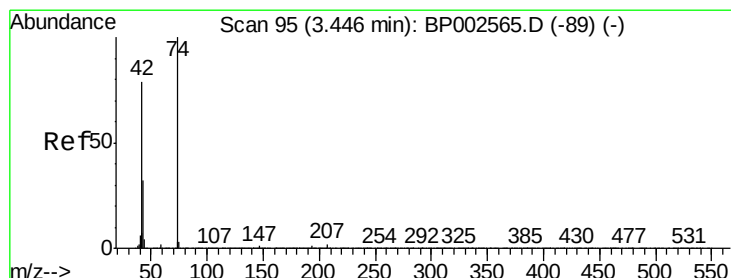
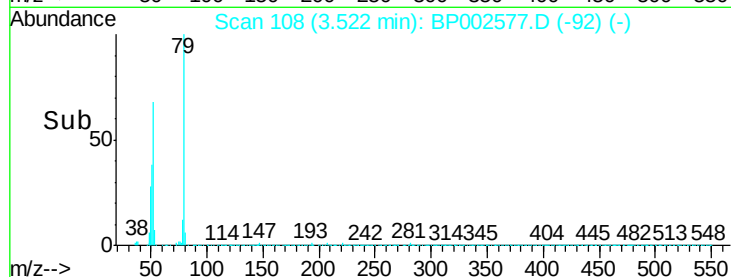
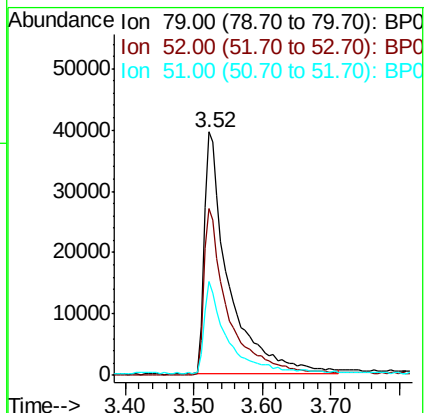
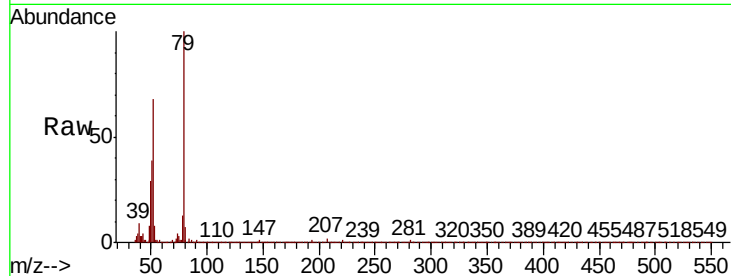
Tot Ion: 79 Resp: 99709

Ion Ratio Lower Upper

79 100

52 68.3 54.5 81.7

51 38.6 27.8 41.6



#4

n-Nitrosodimethylamine

Concen: 48.494 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

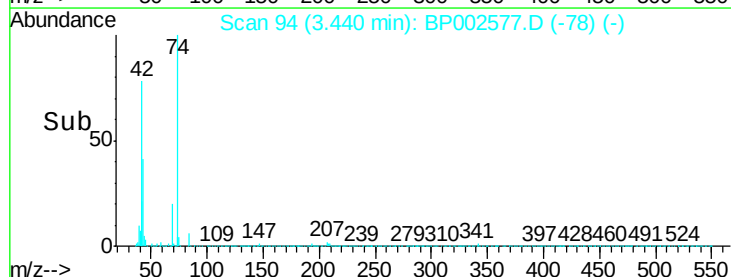
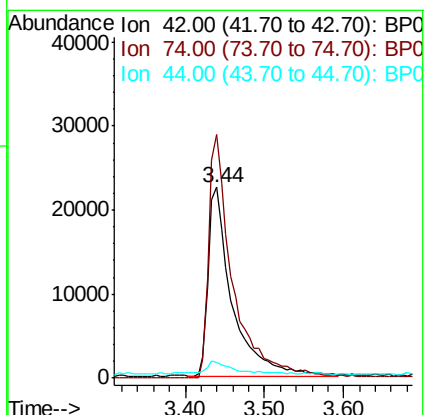
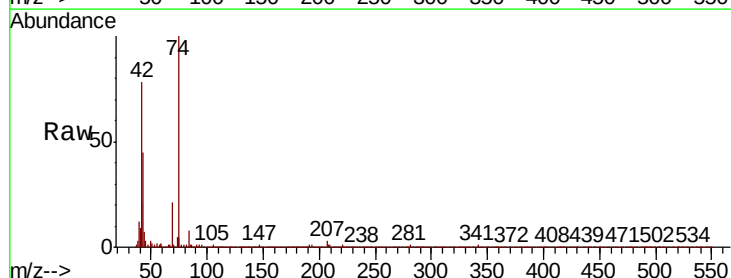
Tgt Ion: 42 Resp: 47164

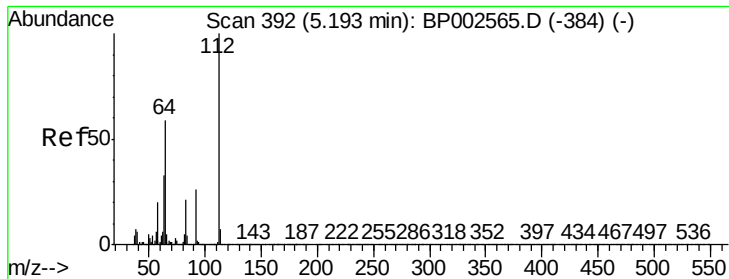
Ion Ratio Lower Upper

42 100

74 127.8 101.7 152.5

44 8.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 178.815 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

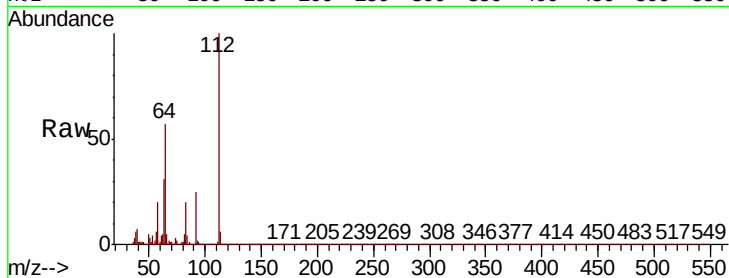
Tot Ion:112 Resp: 322532

Ion Ratio Lower Upper

112 100

64 57.4 47.0 70.6

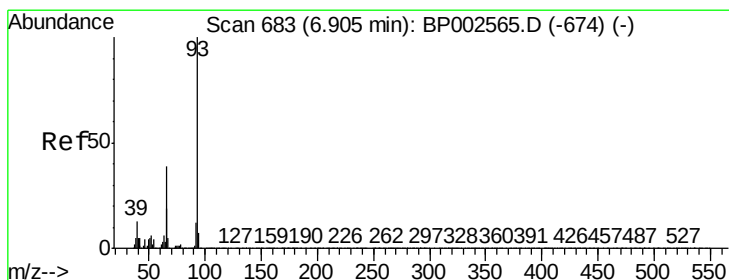
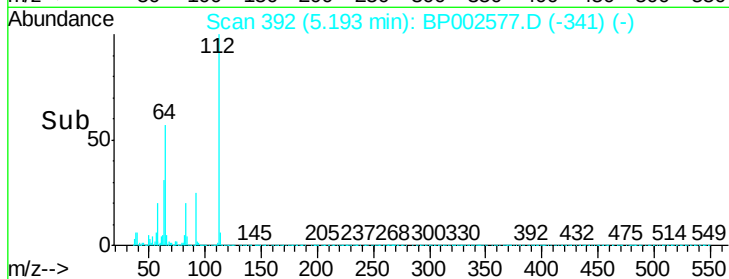
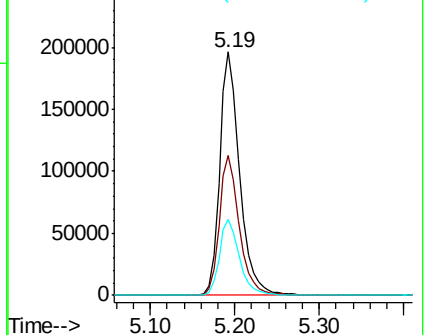
63 31.3 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 45.131 ng

RT: 6.90 min Scan# 683

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

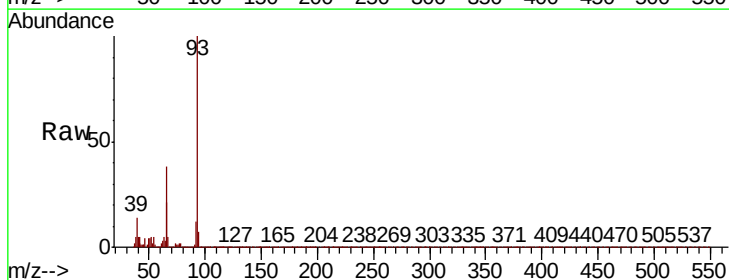
Tgt Ion: 93 Resp: 142734

Ion Ratio Lower Upper

93 100

66 38.3 31.6 47.4

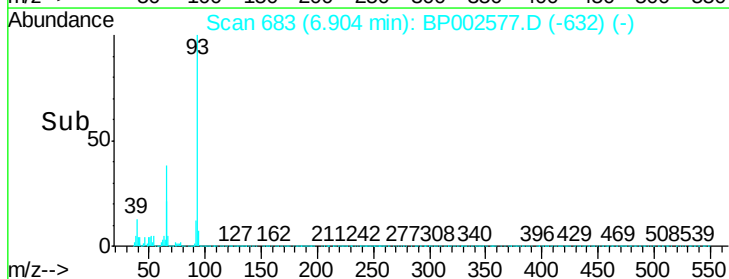
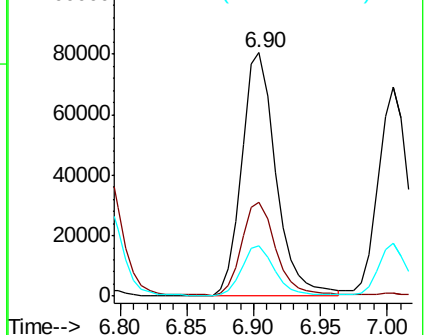
65 20.5 15.7 23.5

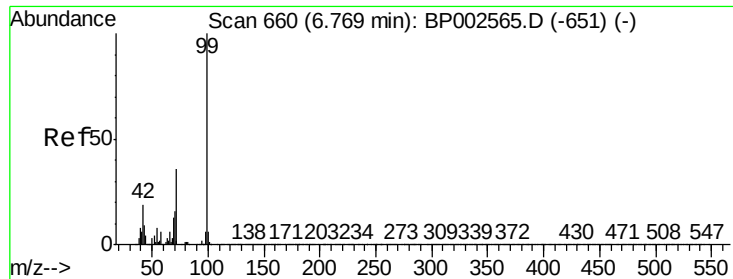


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 196.094 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

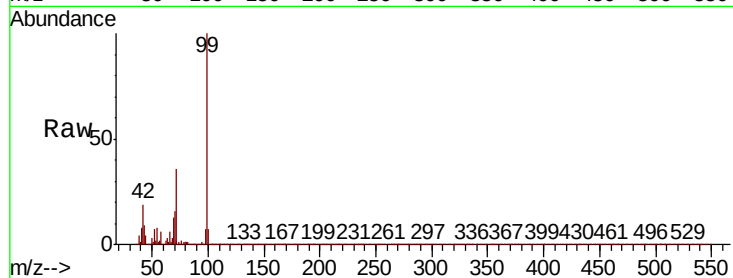
Tot Ion: 99 Resp: 493672

Ion Ratio Lower Upper

99 100

42 19.2 15.5 23.3

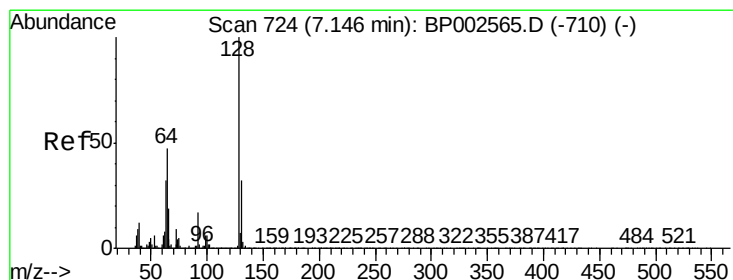
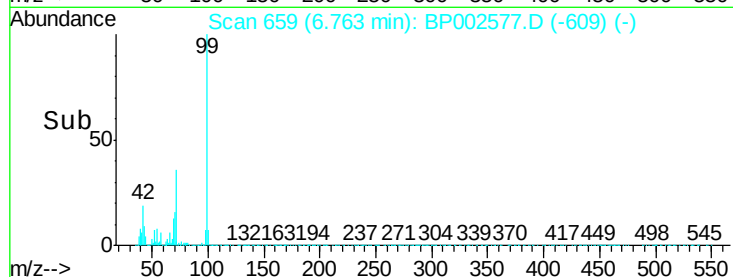
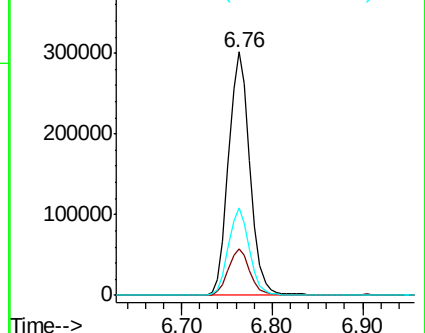
71 35.8 28.9 43.3



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: 61.918 ng

RT: 7.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

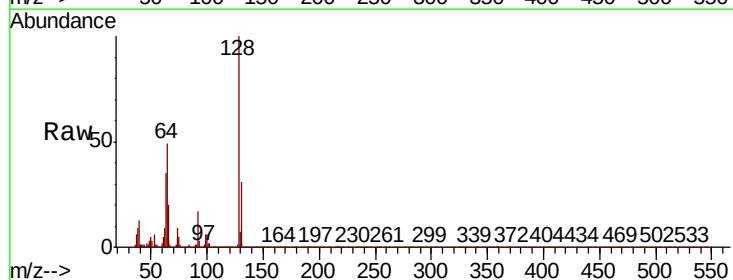
Tgt Ion: 128 Resp: 124061

Ion Ratio Lower Upper

128 100

130 31.4 11.8 51.8

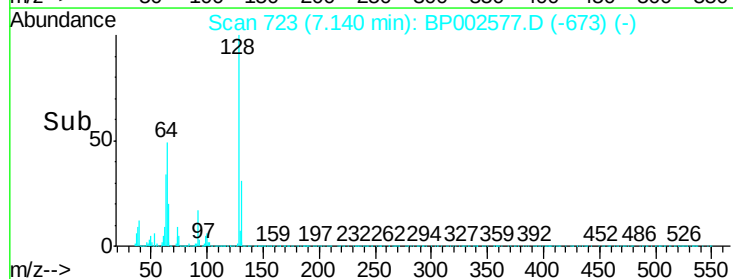
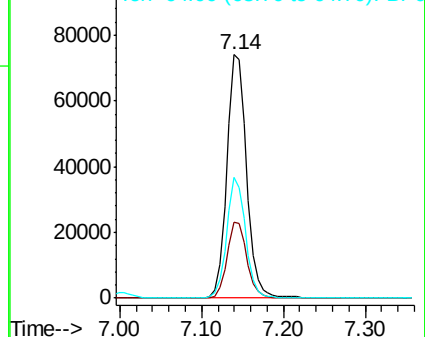
64 49.4 26.9 66.9

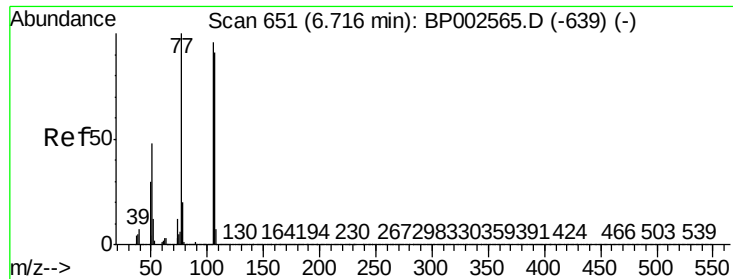


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 33.980 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

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ClientSampleId :

SP2-FMSD

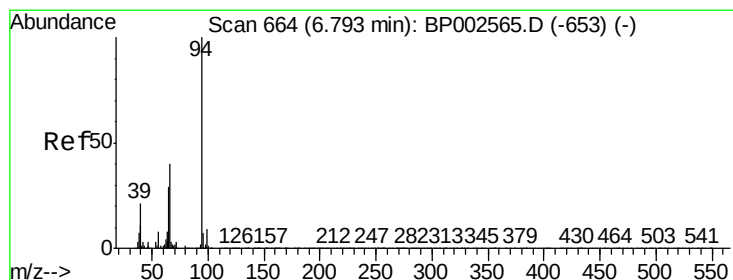
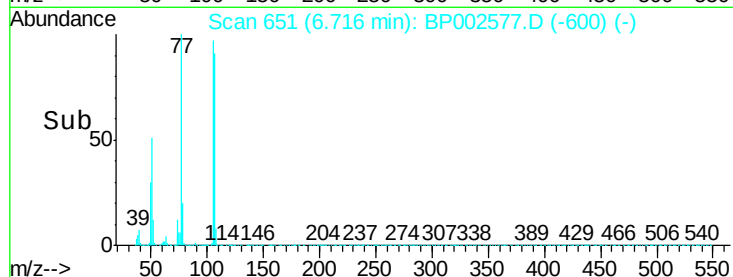
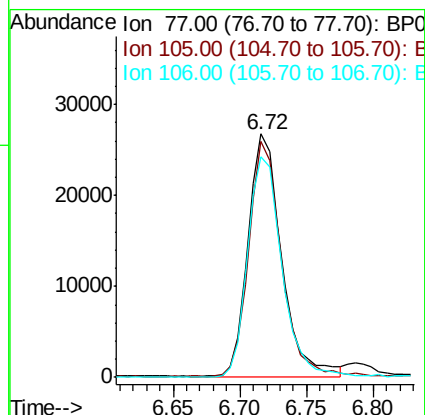
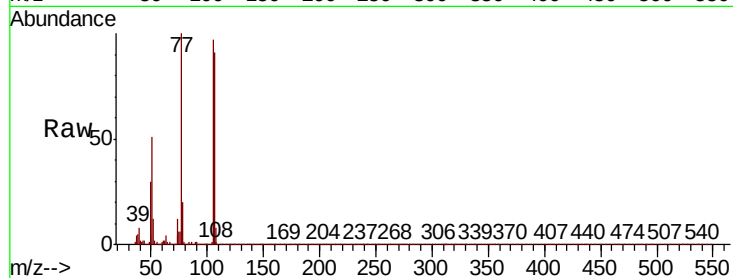
Tot Ion: 77 Resp: 46209

Ion Ratio Lower Upper

77 100

105 97.0 76.5 116.5

106 90.6 70.9 110.9



#10

Phenol

Concen: 70.648 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

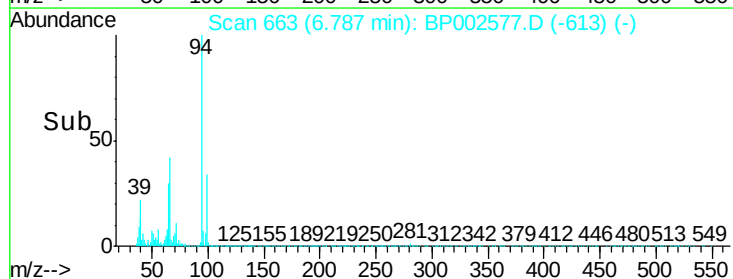
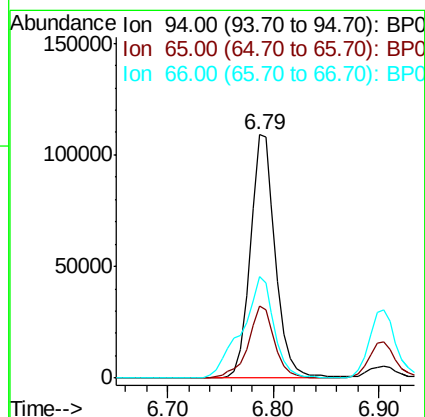
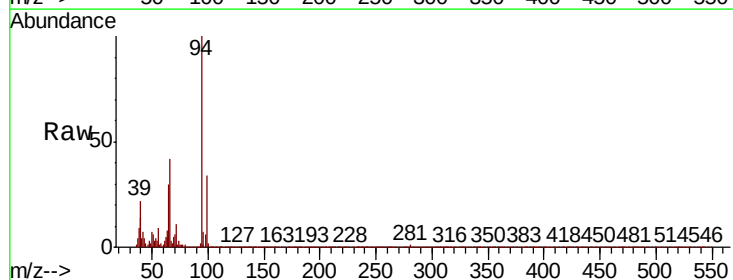
Tgt Ion: 94 Resp: 179360

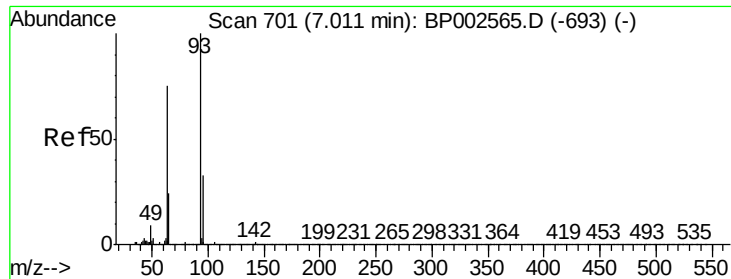
Ion Ratio Lower Upper

94 100

65 29.8 8.8 48.8

66 41.7 19.9 59.9

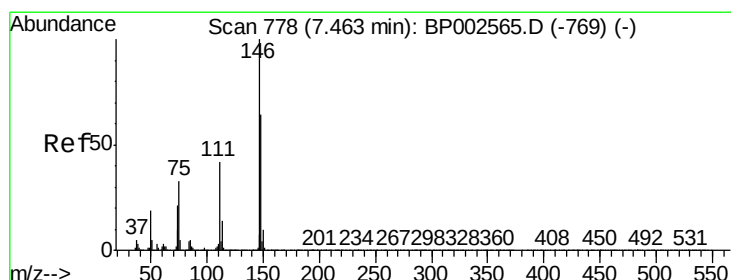
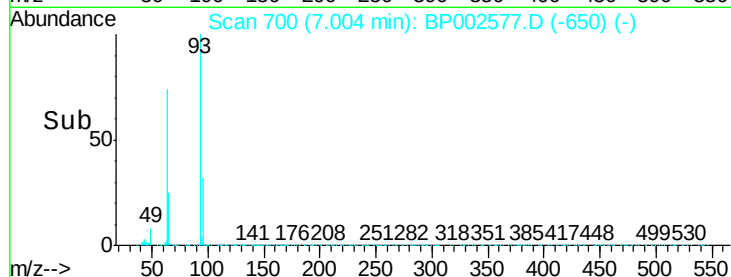
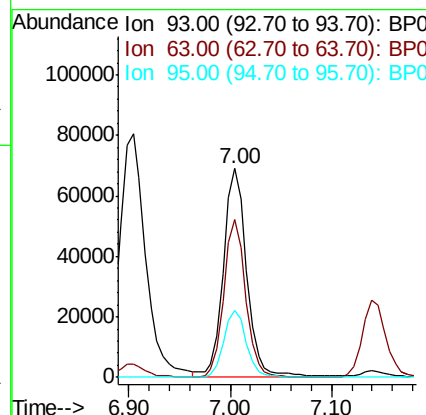
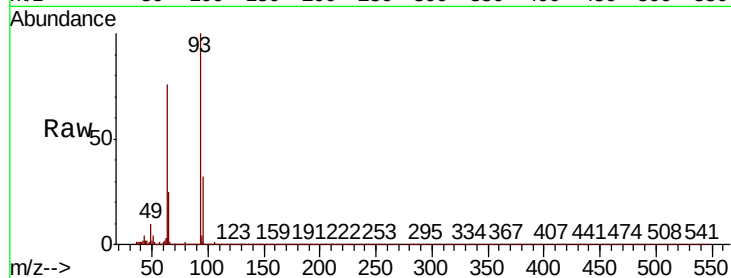




#11
bis(2-Chloroethyl)ether
Concen: 52.885 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

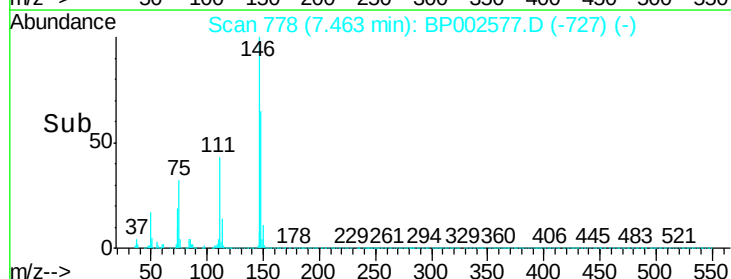
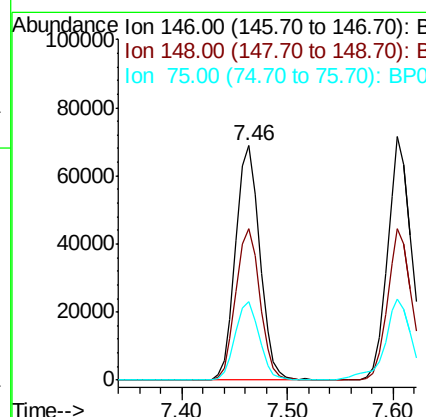
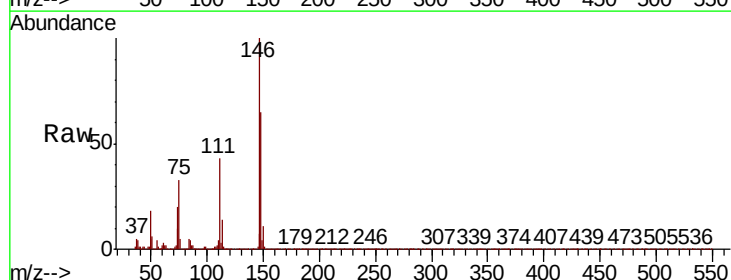
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

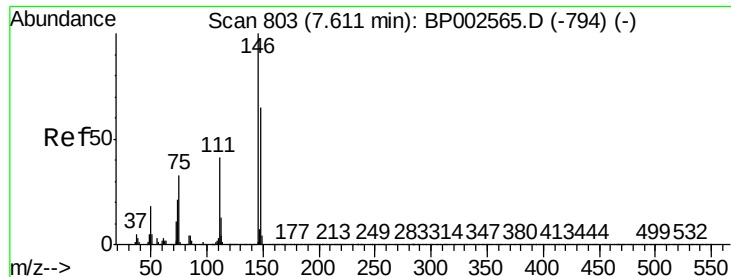
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	54.5	94.5
95	32.1	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 47.116 ng
RT: 7.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	33.3	26.1	39.1

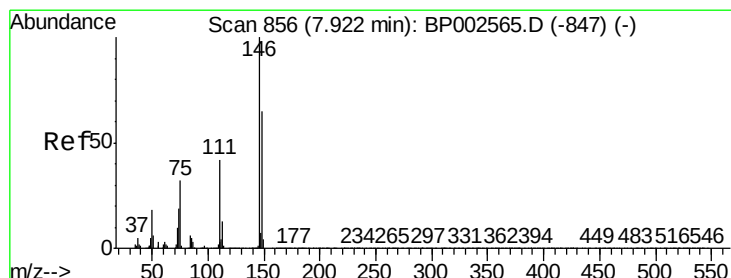
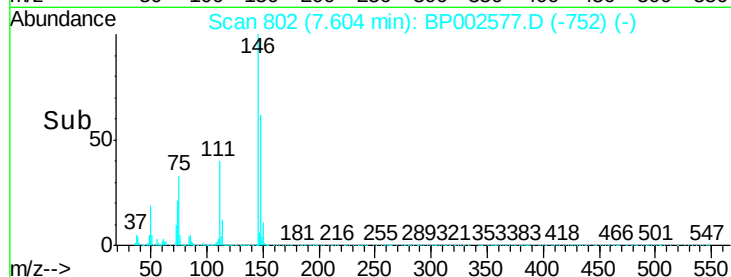
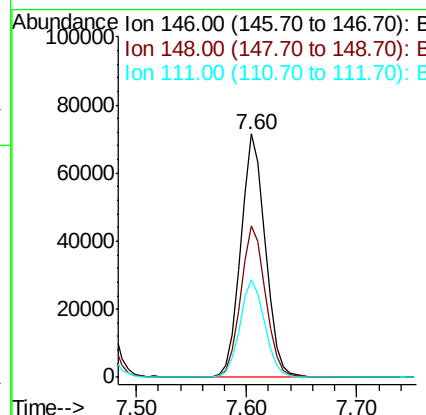
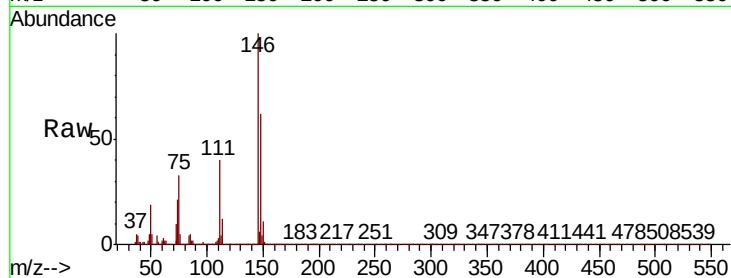




#13
1,4-Dichlorobenzene
Concen: 47.548 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

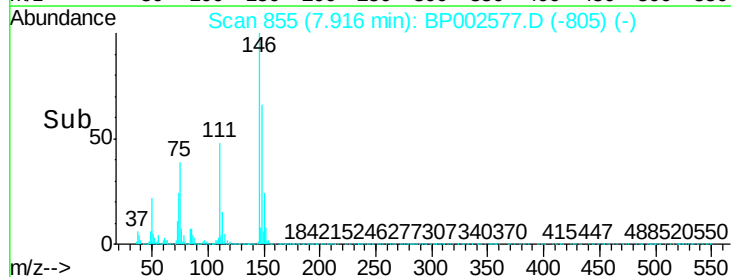
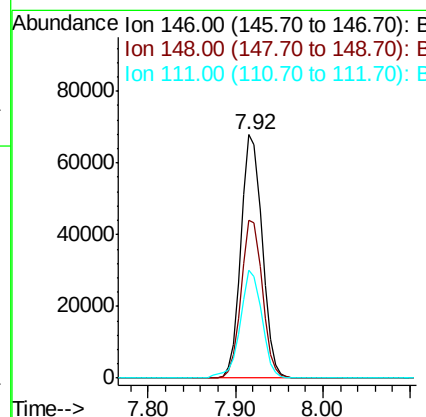
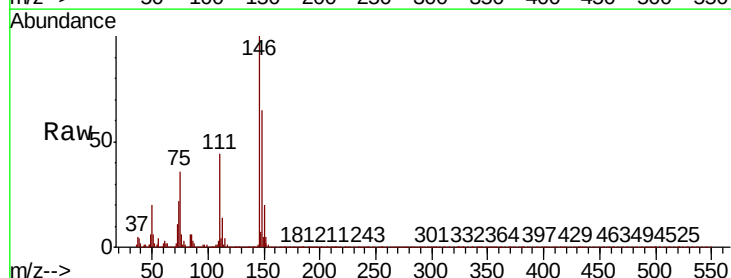
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

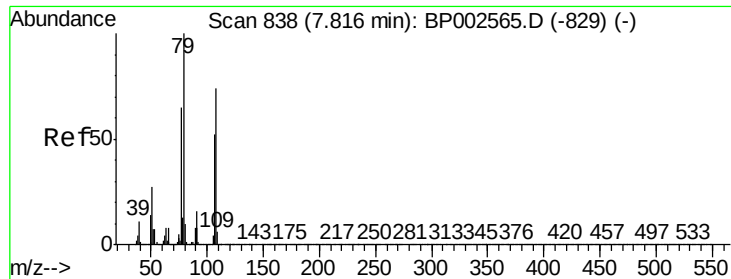
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.8	77.6
111	40.3	32.8	49.2



#14
1,2-Dichlorobenzene
Concen: 48.941 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	44.2	34.1	51.1

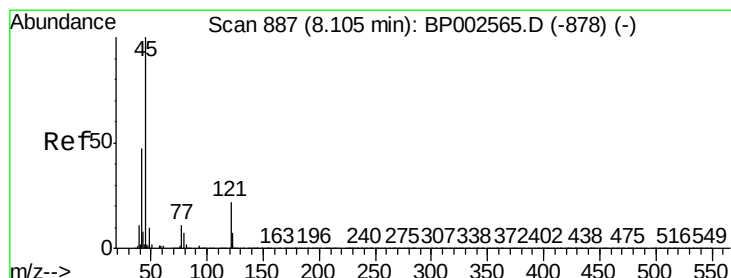
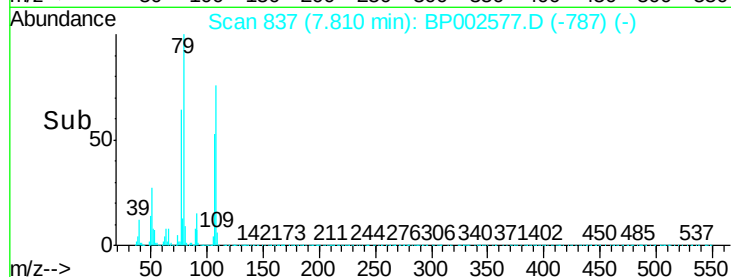
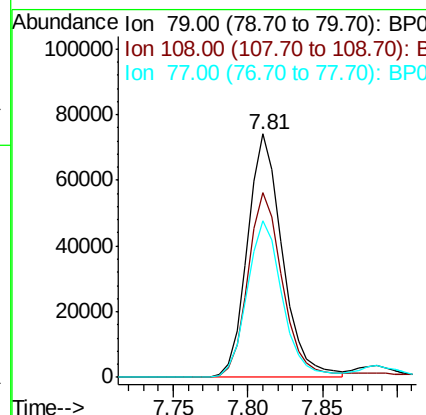
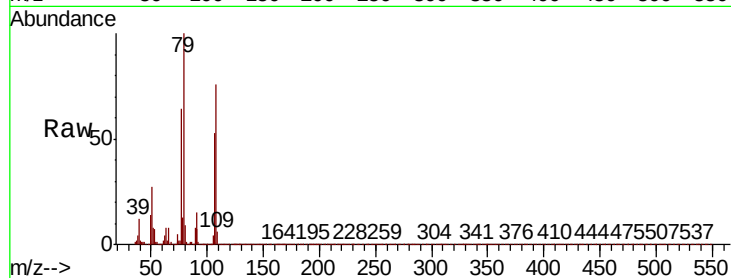




#15
Benzyl Alcohol
Concen: 63.277 ng
RT: 7.81 min Scan# 837
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

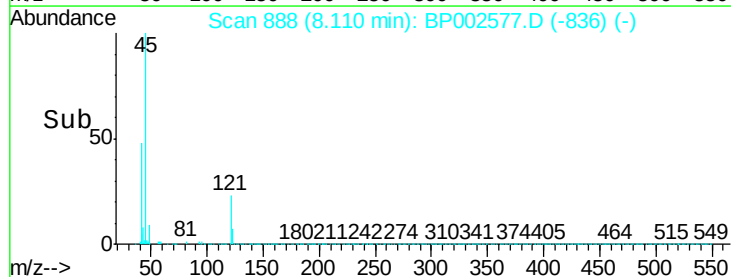
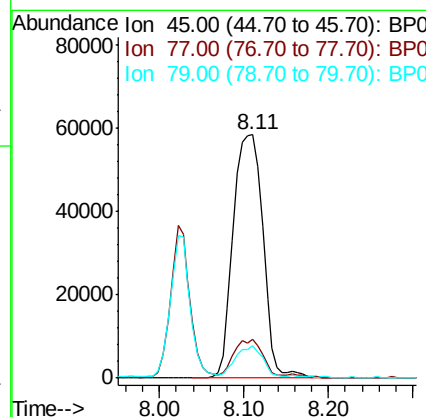
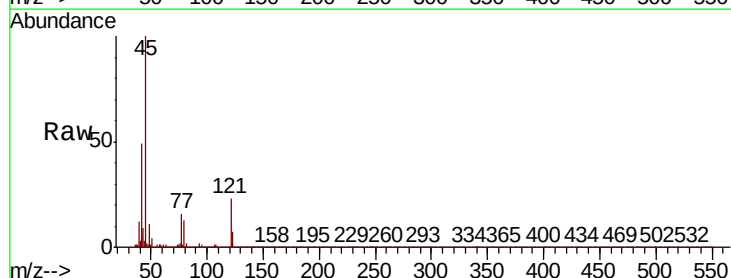
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

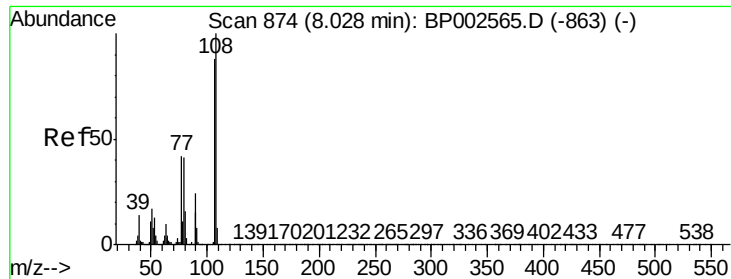
Tot Ion: 79 Resp: 119701
Ion Ratio Lower Upper
79 100
108 76.0 59.4 89.2
77 64.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.748 ng
RT: 8.11 min Scan# 888
Delta R.T. 0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion: 45 Resp: 141523
Ion Ratio Lower Upper
45 100
77 15.9 0.0 35.0
79 13.1 0.0 31.1

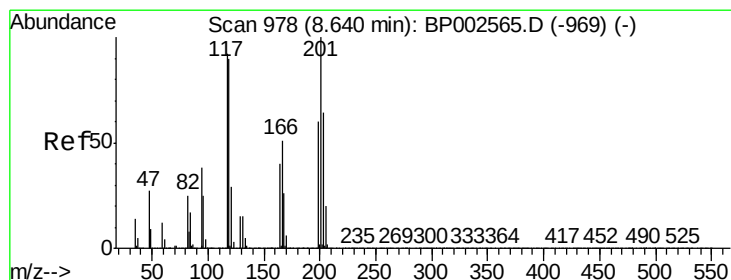
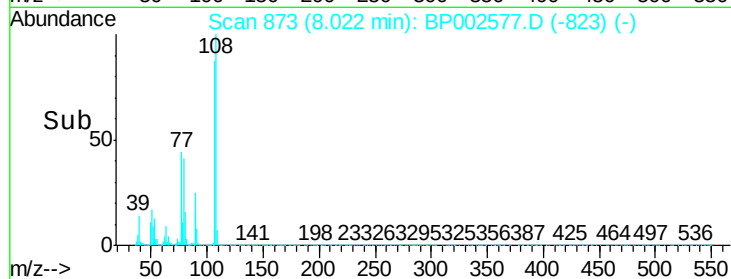
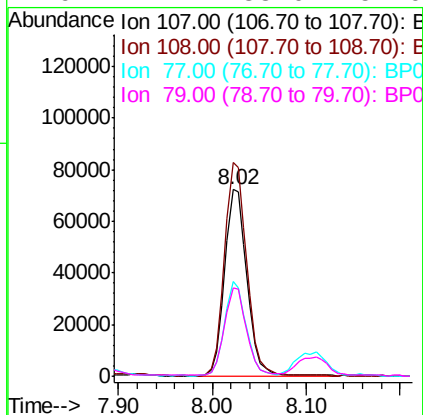
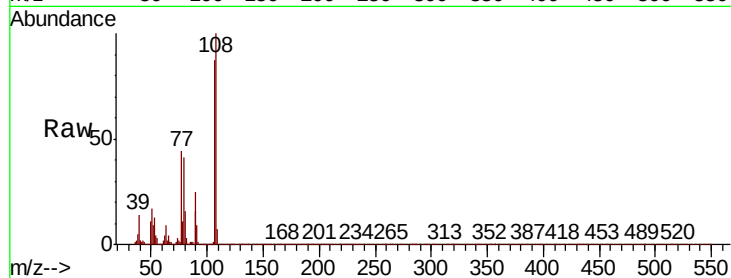




#17
2-Methylphenol
Concen: 62.955 ng
RT: 8.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

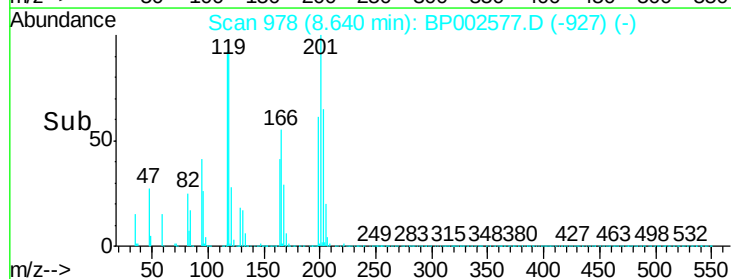
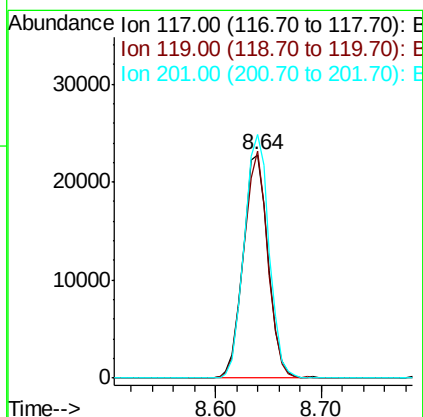
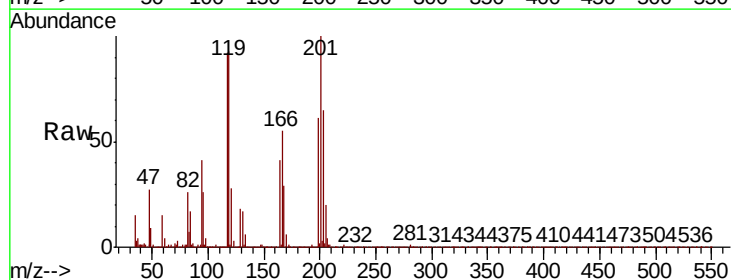
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

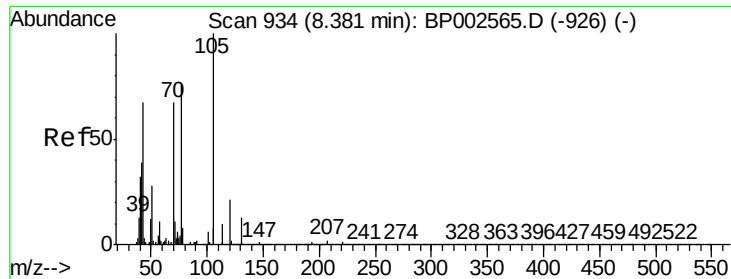
Tot Ion:	107	Resp:	119632
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.4	137.0
77	50.5	38.7	58.1
79	47.4	38.0	57.0



#18
Hexachloroethane
Concen: 44.136 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion:	117	Resp:	37521
Ion	Ratio	Lower	Upper
117	100		
119	101.3	78.2	117.4
201	108.9	87.0	130.6

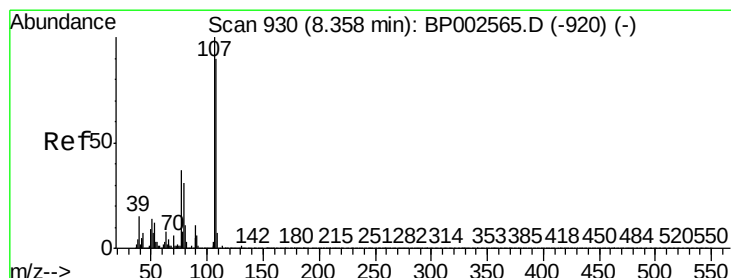
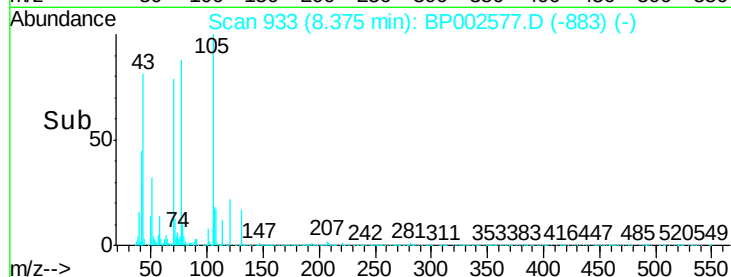
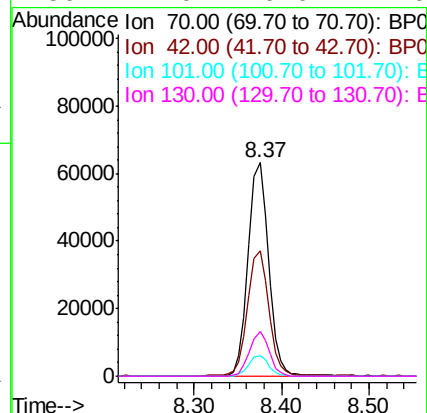
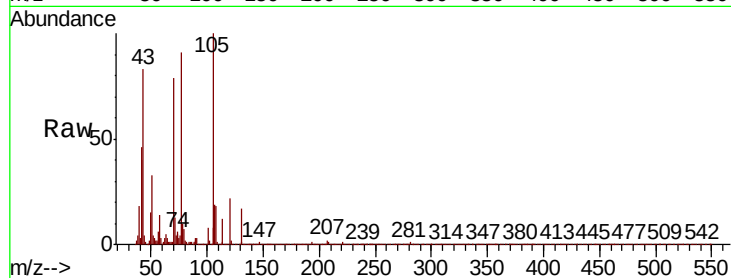




#19
n-Nitroso-di-n-propylamine
Concen: 60.196 ng
RT: 8.37 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

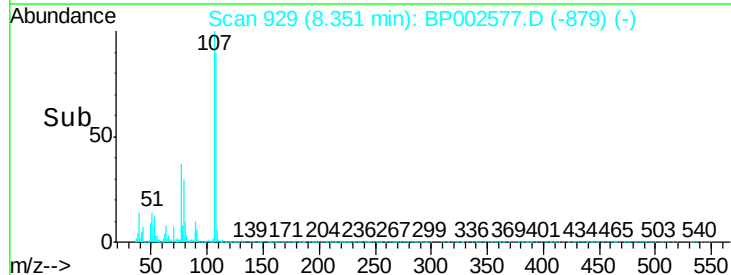
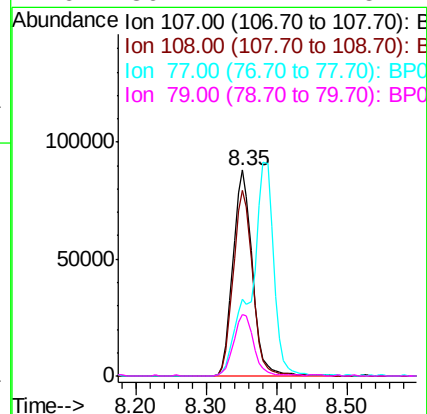
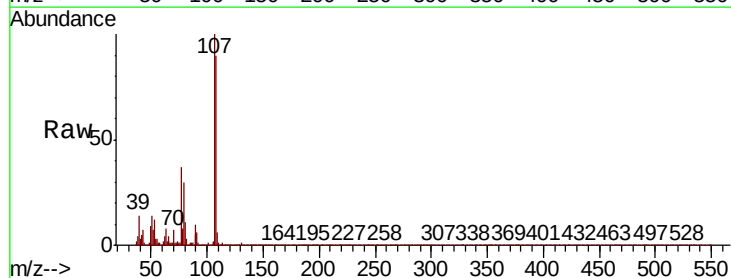
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

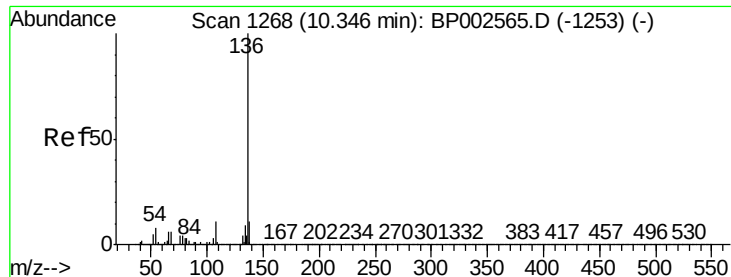
Tot Ion:	70	Resp:	99430
Ion	Ratio	Lower	Upper
70	100		
42	58.6	46.7	70.1
101	9.5	7.5	11.3
130	21.0	16.0	24.0



#20
3+4-Methylphenols
Concen: 65.736 ng
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion:	107	Resp:	168413
Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.4	110.4
77	37.2	16.7	56.7
79	30.1	11.1	51.1

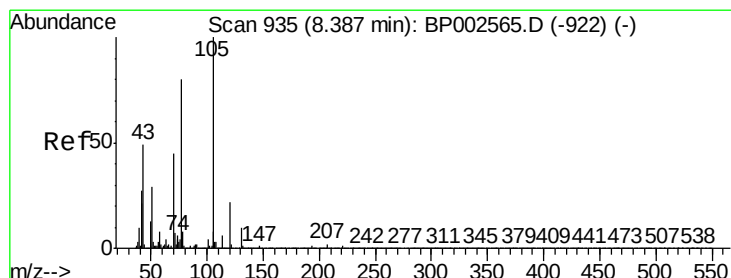
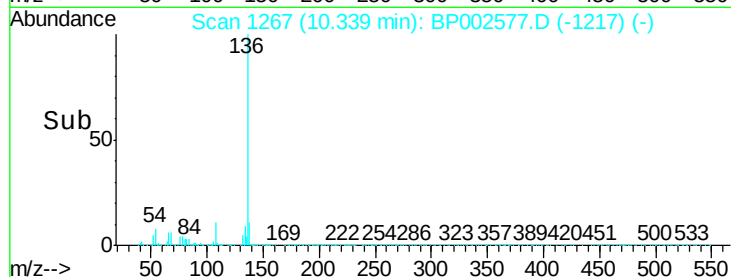
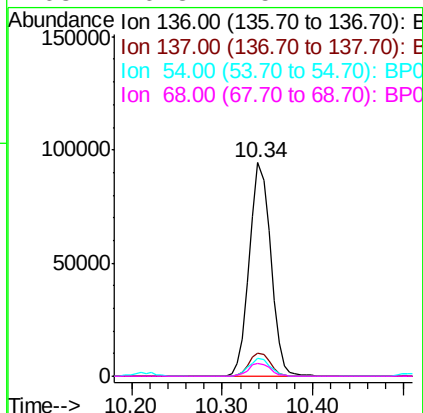
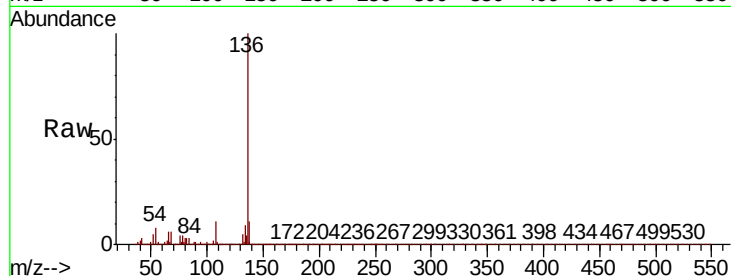




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

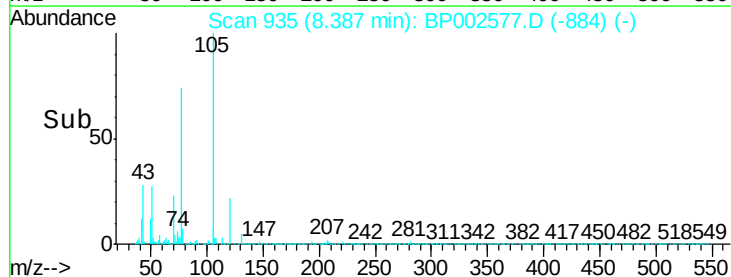
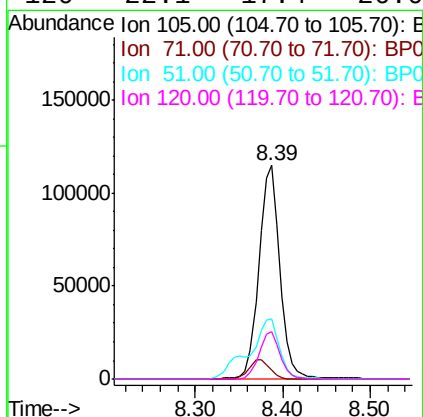
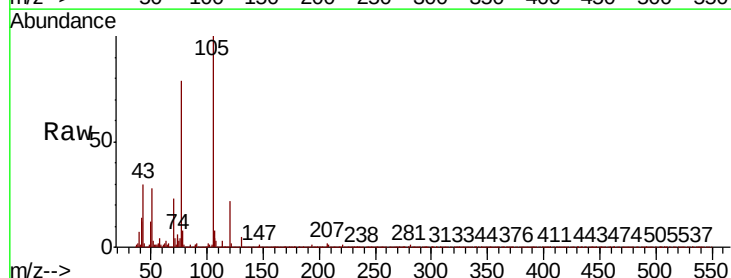
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

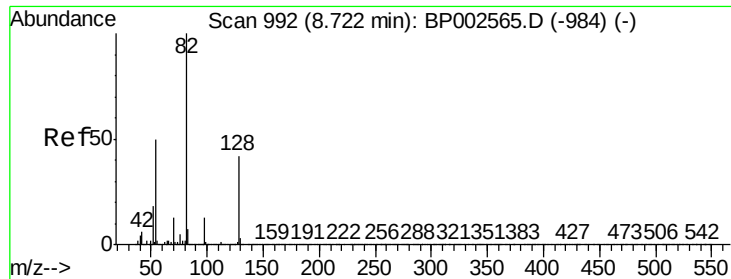
Tot Ion:136	Resp:	154811
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	8.1	6.4 9.6
68	6.3	5.1 7.7



#22
Acetophenone
Concen: 48.249 ng
RT: 8.39 min Scan# 935
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion:105	Resp:	189058
Ion Ratio	Lower	Upper
105	100	
71	4.0	5.8 8.8#
51	28.3	23.3 34.9
120	22.1	17.4 26.0

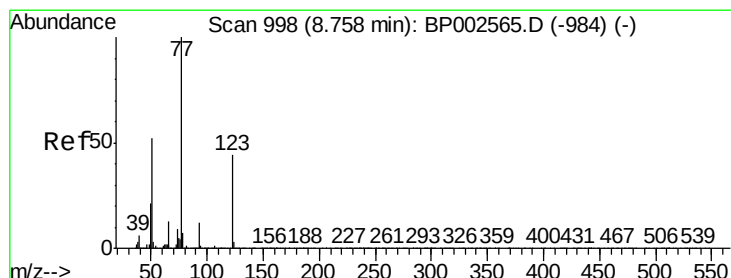
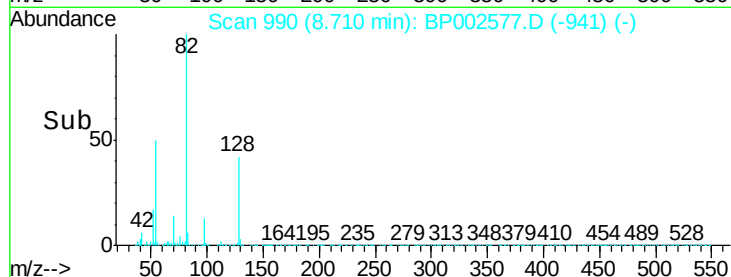
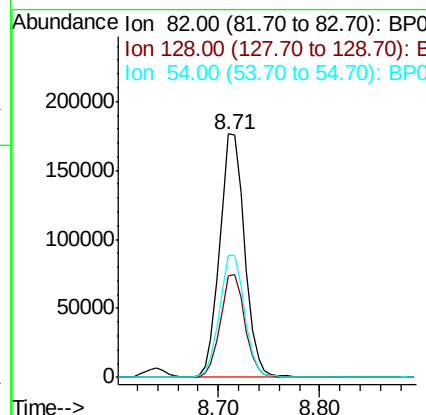
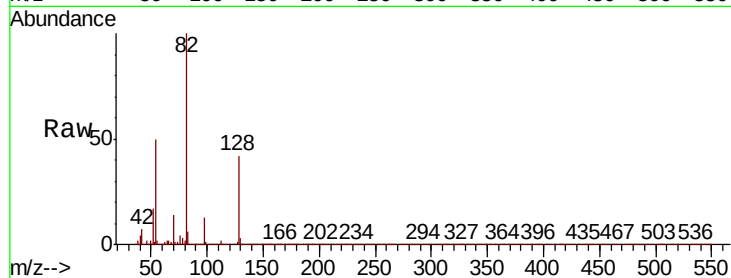




#23
 Nitrobenzene-d5
 Concen: 100.356 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

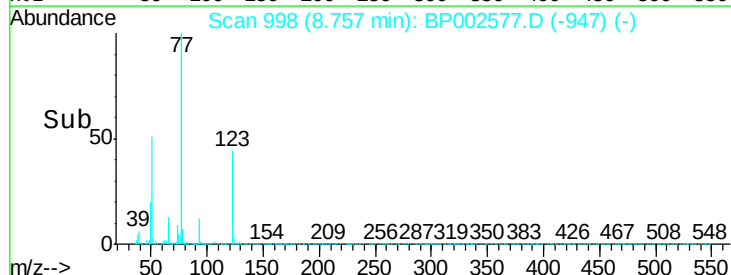
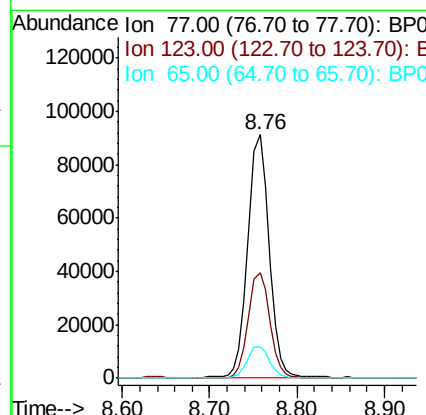
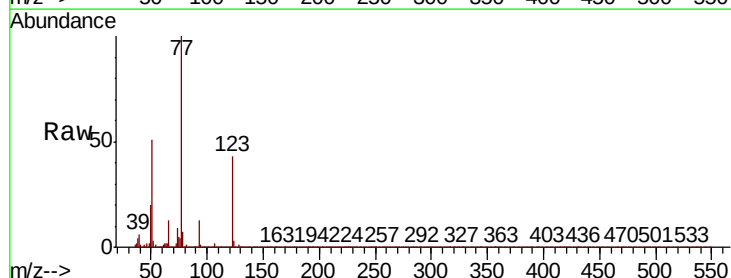
Instrument :
 BNA_P
 ClientSampleId :
 SP2-FMSD

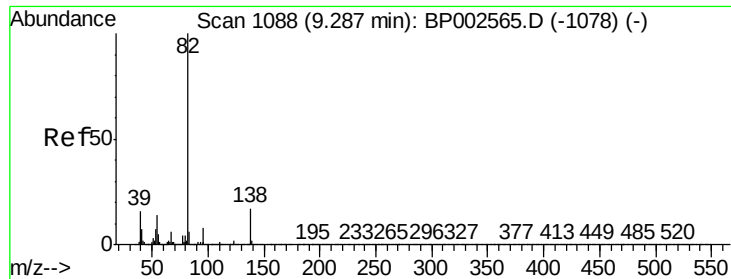
Tot Ion	82	Resp	301526
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.4	50.2
54	50.2	40.1	60.1



#24
 Nitrobenzene
 Concen: 47.182 ng
 RT: 8.76 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Tgt Ion	77	Resp	150051
Ion Ratio	Lower	Upper	
77	100		
123	43.5	35.3	52.9
65	13.0	10.6	16.0





#25

Isophorone

Concen: 50.997 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

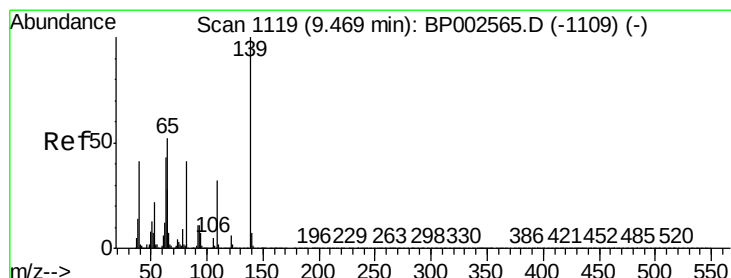
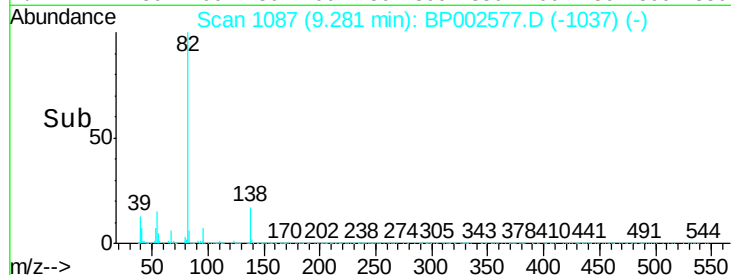
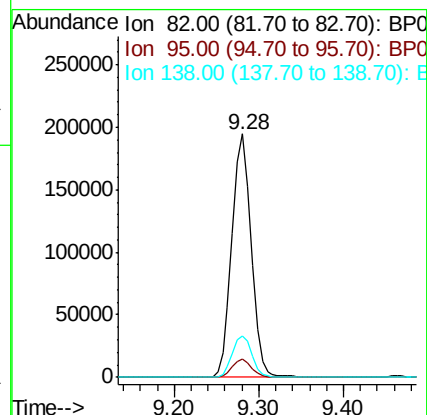
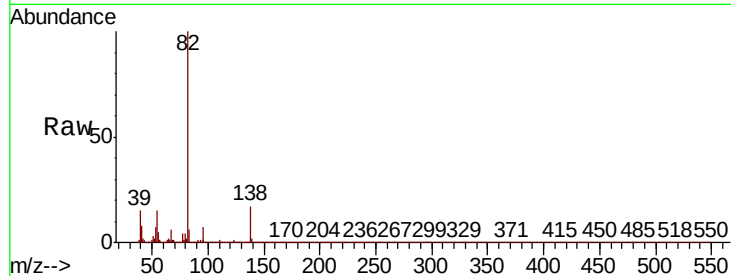
Tot Ion: 82 Resp: 307103

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

138 17.2 13.8 20.8



#26

2-Nitrophenol

Concen: 49.923 ng

RT: 9.46 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

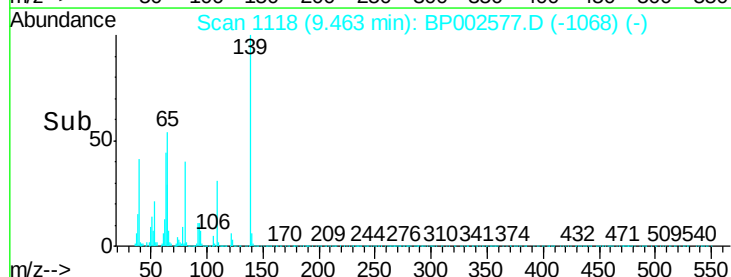
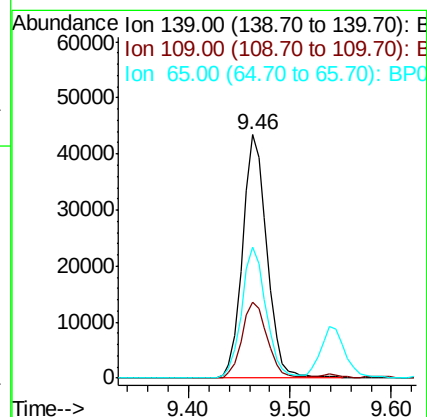
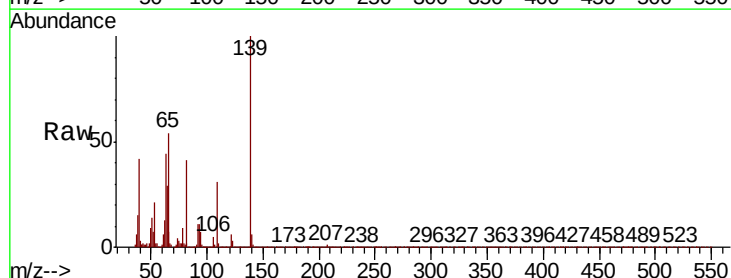
Tgt Ion: 139 Resp: 72409

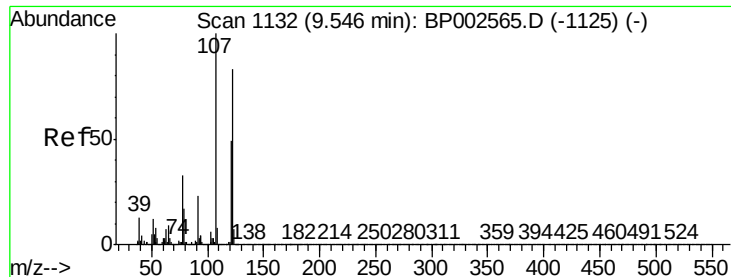
Ion Ratio Lower Upper

139 100

109 31.1 26.0 39.0

65 53.7 41.9 62.9

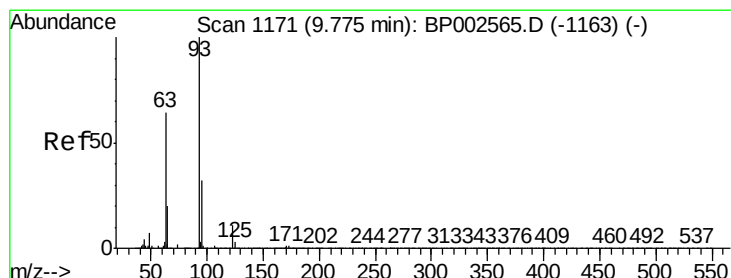
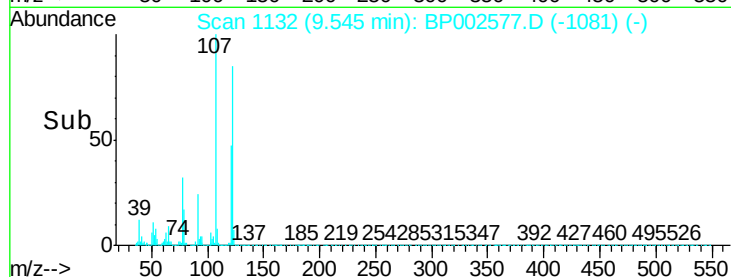
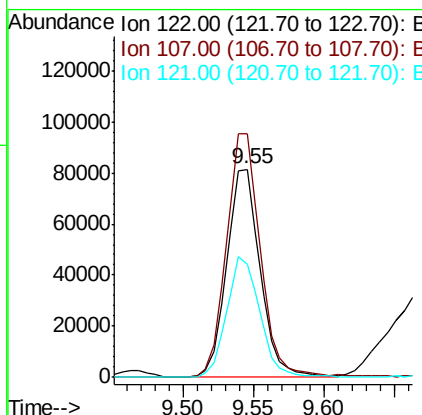
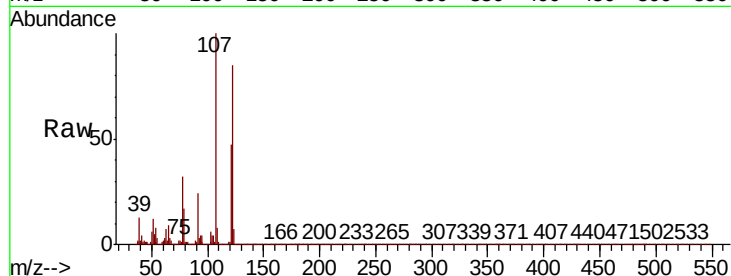




#27
2,4-Dimethylphenol
Concen: 61.194 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

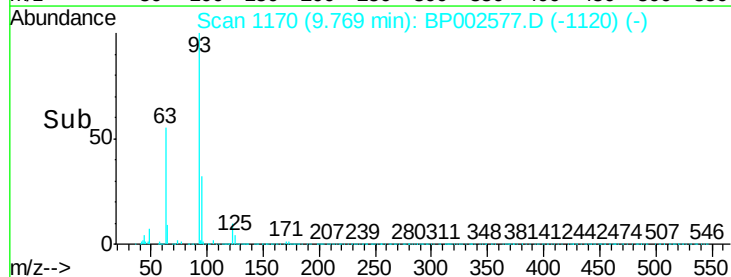
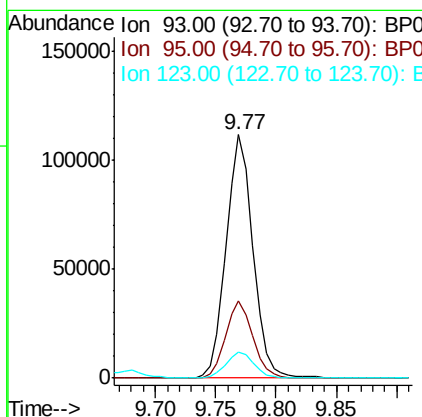
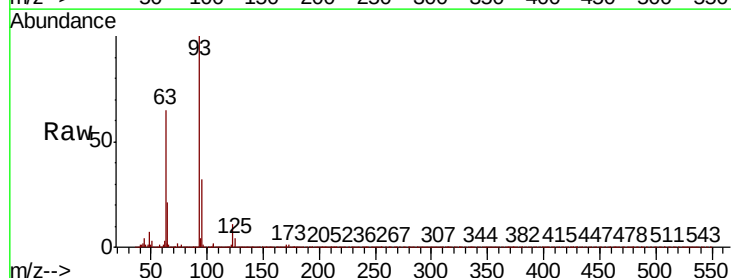
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

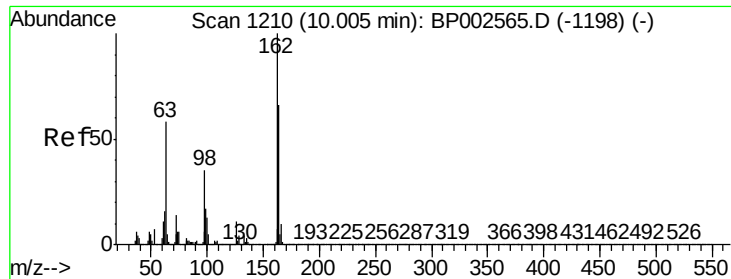
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	95.9	143.9
121	54.5	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.907 ng
RT: 9.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	10.9	8.7	13.1

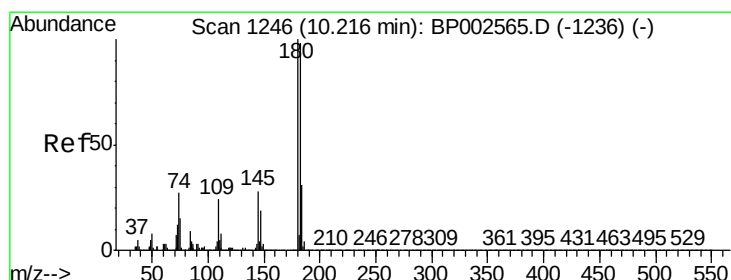
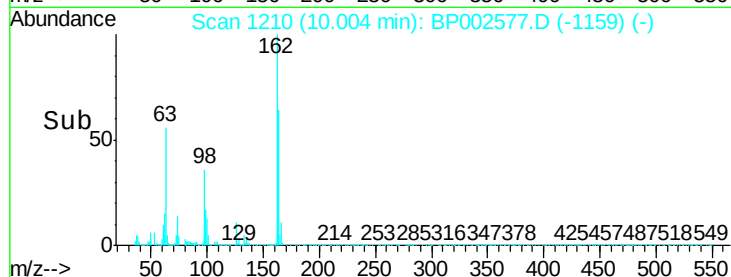
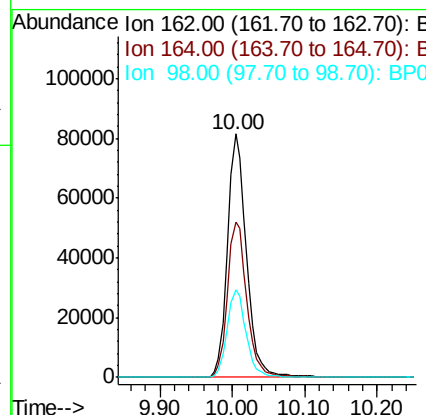
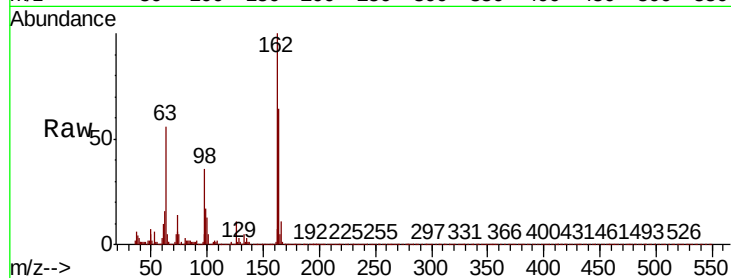




#29
2,4-Dichlorophenol
Concen: 58.479 ng
RT: 10.00 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

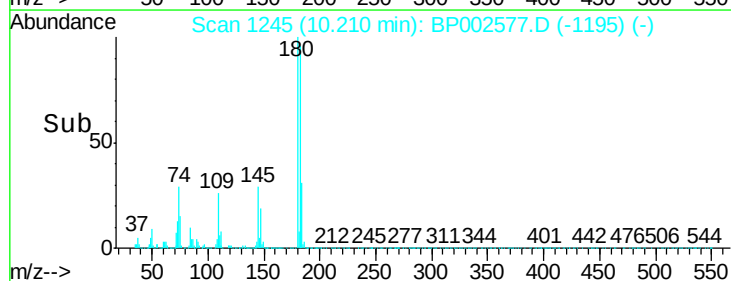
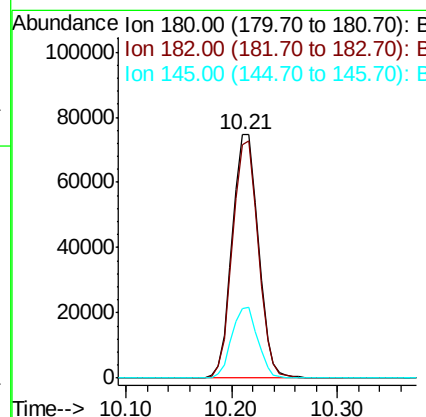
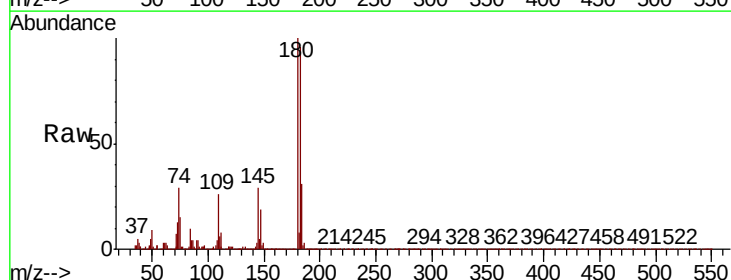
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

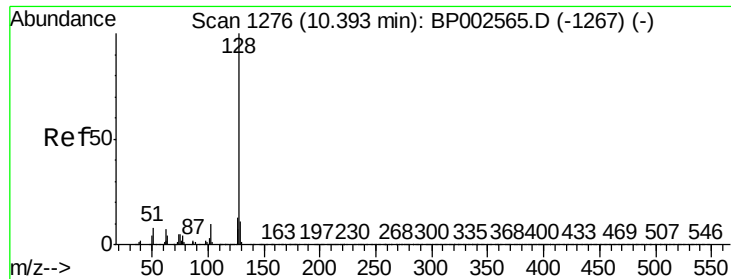
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	46.1	86.1
98	35.9	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 44.989 ng
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.2	117.2
145	28.8	22.6	34.0

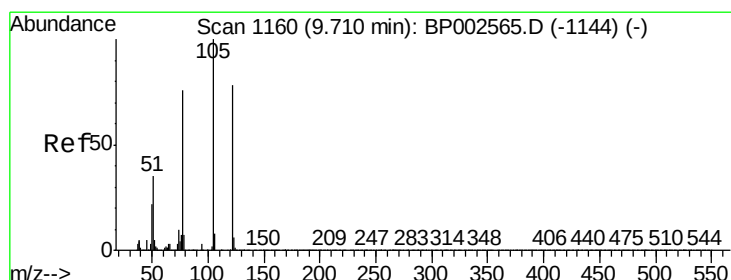
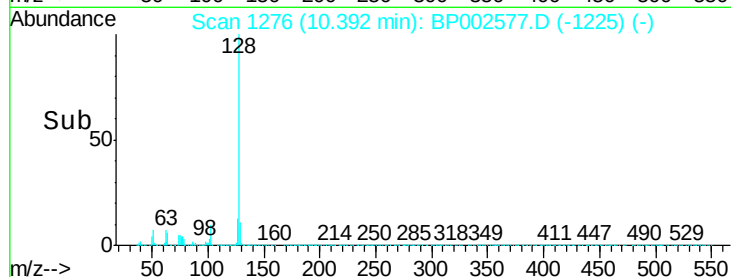
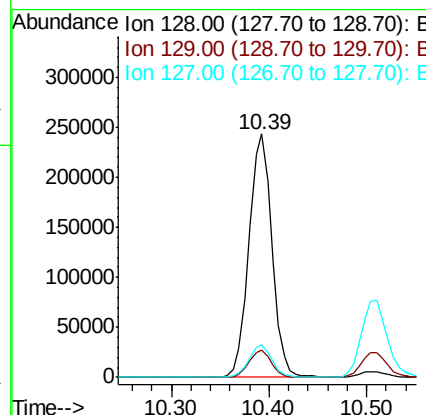
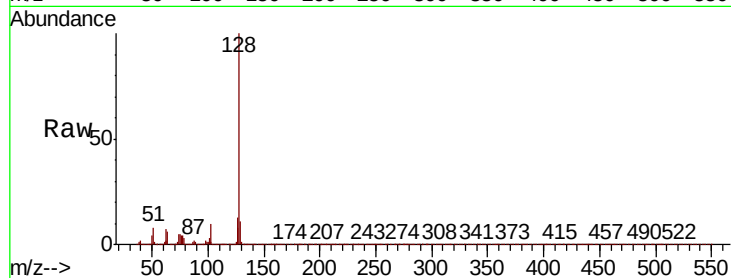




#31
Naphthalene
Concen: 48.938 ng
RT: 10.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

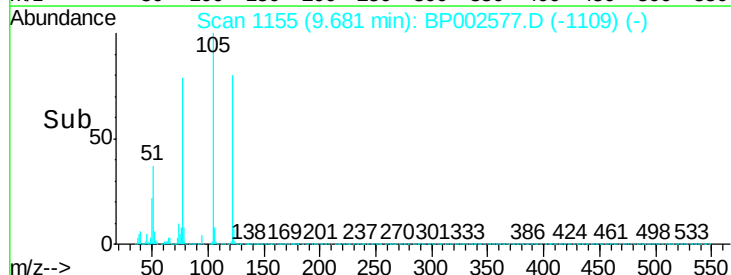
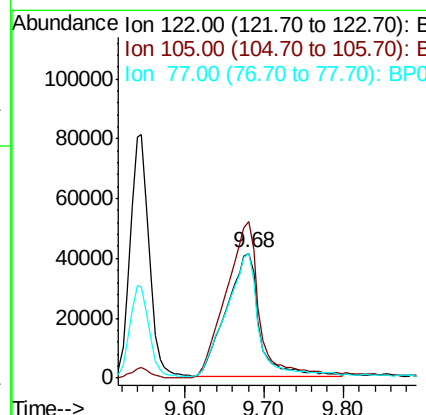
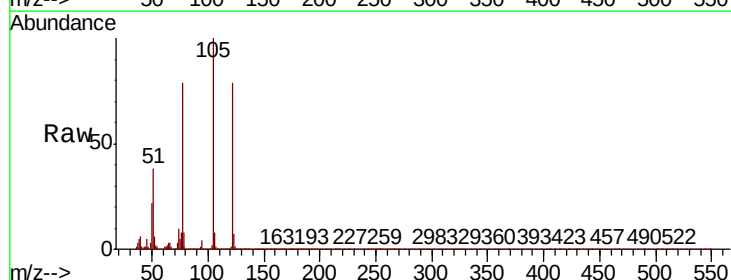
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

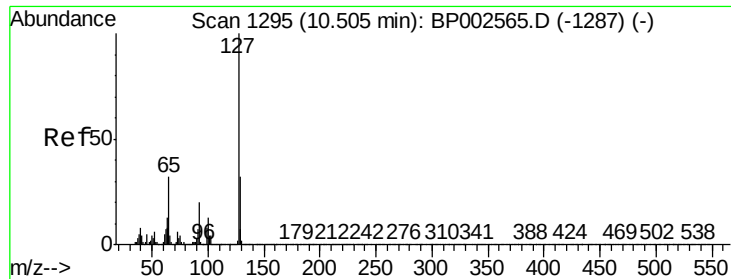
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.1	10.3	15.5



#32
Benzoic acid
Concen: 65.203 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.8	106.6	146.6
77	100.0	76.5	116.5

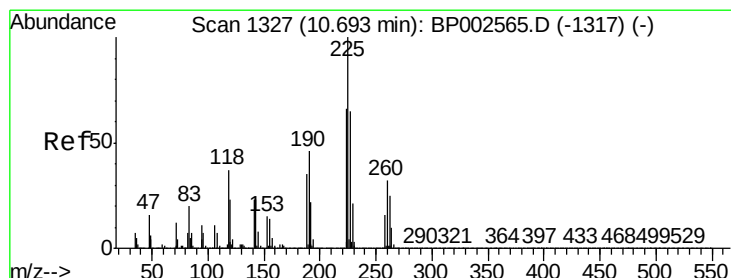
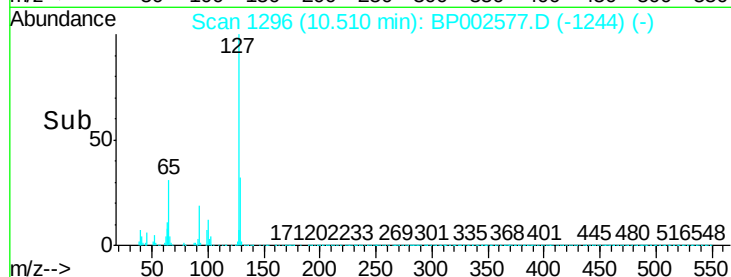
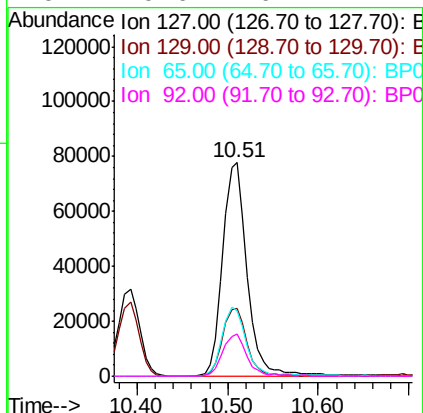
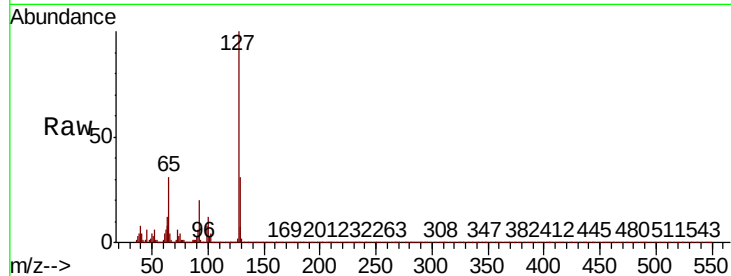




#33
4-Chloroaniline
Concen: 40.242 ng
RT: 10.51 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

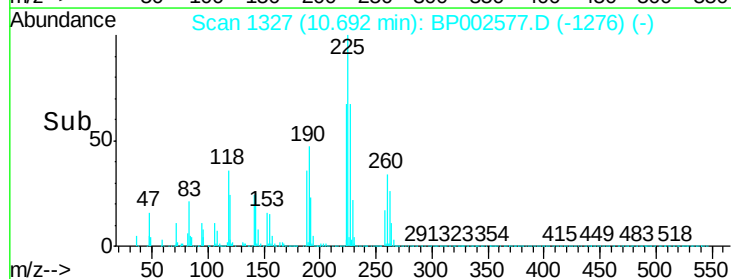
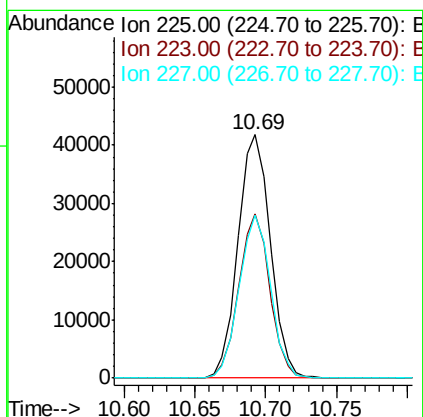
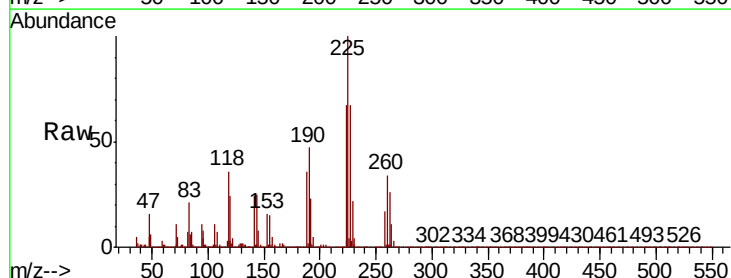
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

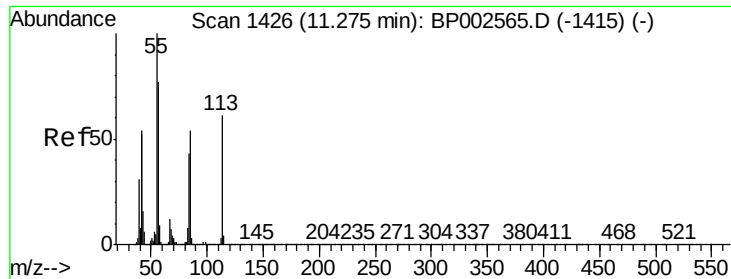
Tot Ion:	127	Resp:	144258
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	30.8	25.7	38.5
92	19.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.544 ng
RT: 10.69 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion:	225	Resp:	67275
Ion	Ratio	Lower	Upper
225	100		
223	67.5	52.6	78.8
227	67.1	52.1	78.1

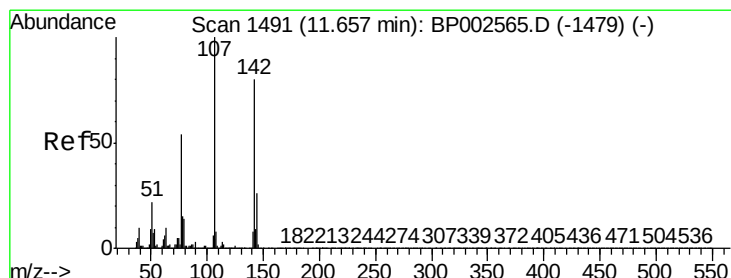
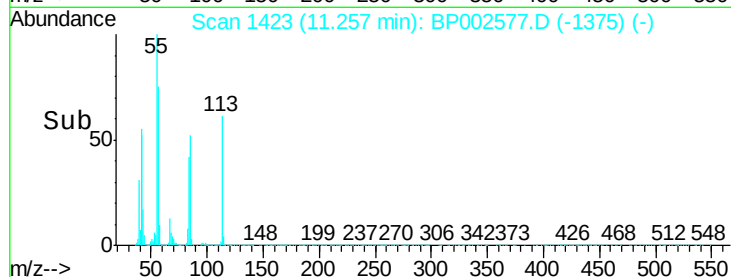
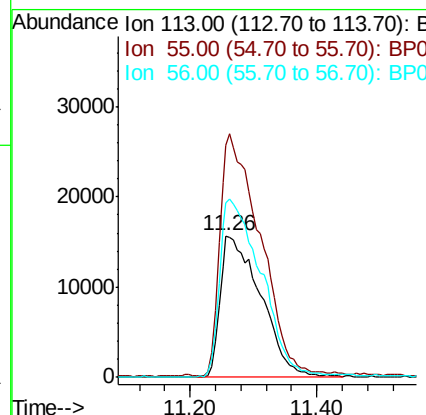
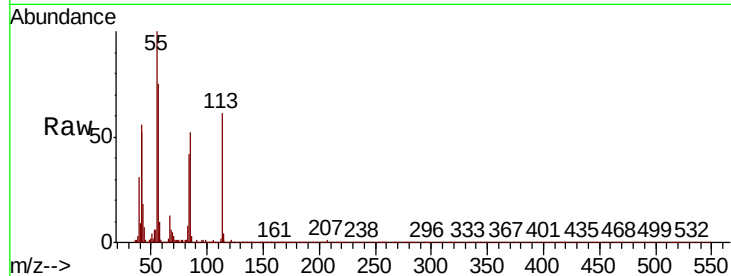




#35
 Caprolactam
 Concen: 82.423 ng
 RT: 11.26 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

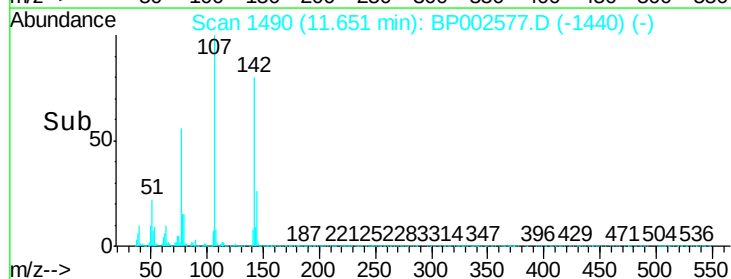
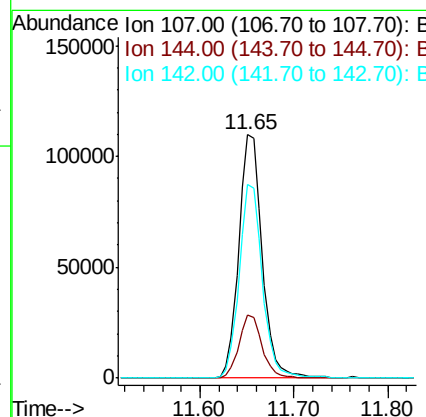
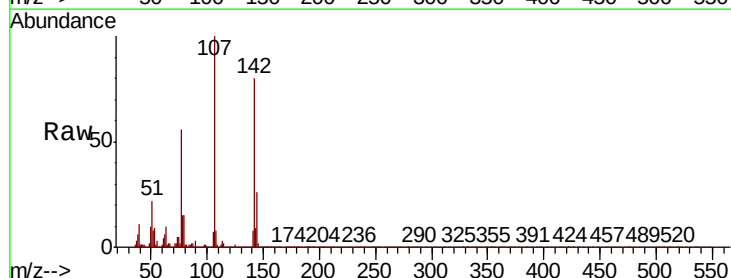
Instrument :
 BNA_P
 ClientSampleId :
 SP2-FMSD

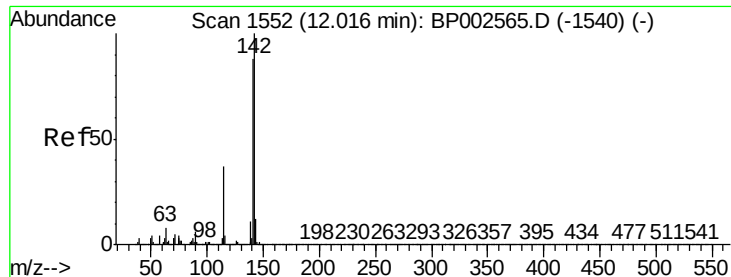
Tot Ion:113 Resp: 70178
 Ion Ratio Lower Upper
 113 100
 55 164.2 143.7 183.7
 56 123.5 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 68.595 ng
 RT: 11.65 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Tgt Ion:107 Resp: 190429
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.0 31.6
 142 79.8 63.9 95.9

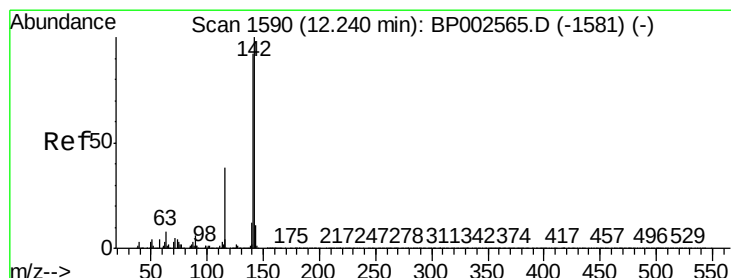
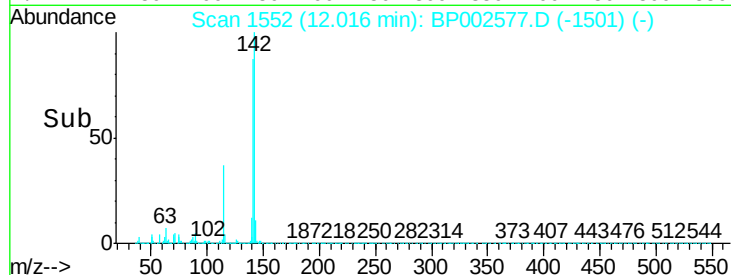
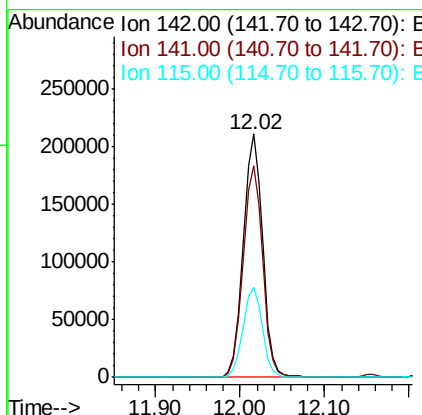
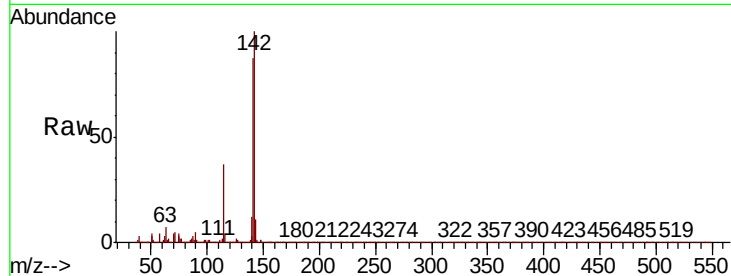




#37
2-Methylnaphthalene
Concen: 55.705 ng
RT: 12.02 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

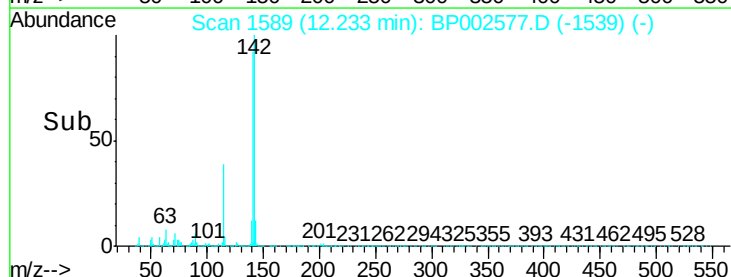
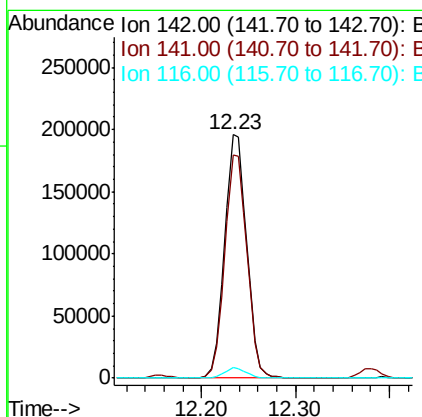
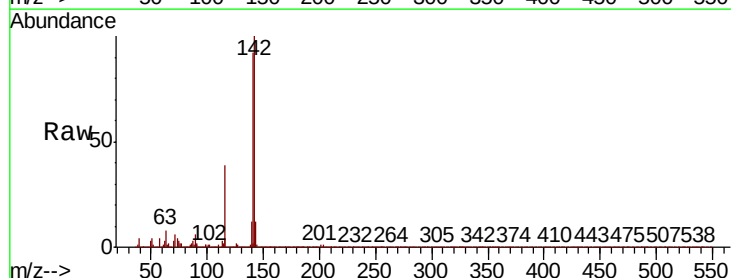
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

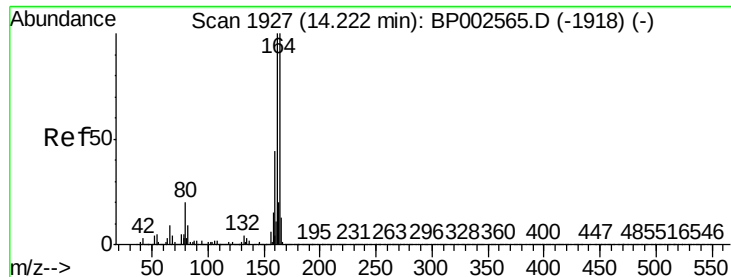
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1
115	37.0	29.7	44.5



#38
1-Methylnaphthalene
Concen: 56.566 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.2
116	4.2	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FM5D

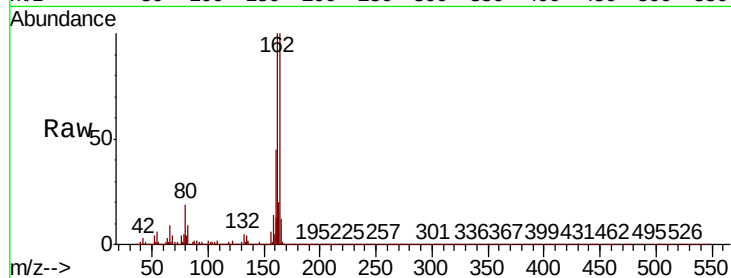
Tot Ion:164 Resp: 134810

Ion Ratio Lower Upper

164 100

162 99.7 80.3 120.5

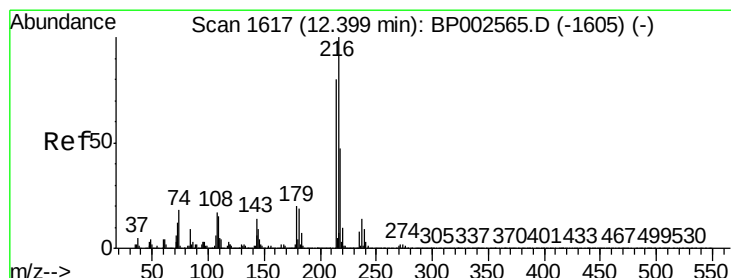
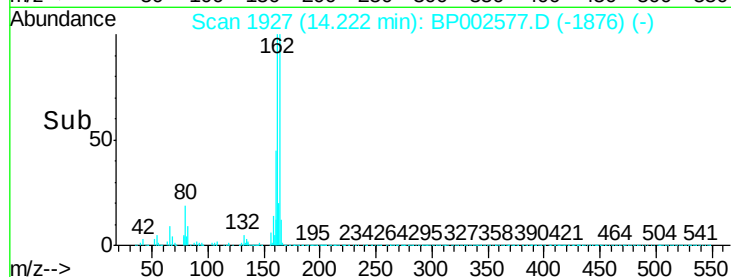
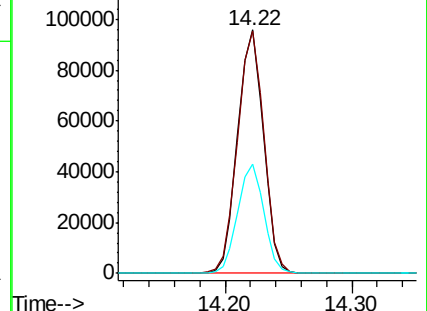
160 44.8 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.464 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Tgt Ion:216 Resp: 170332

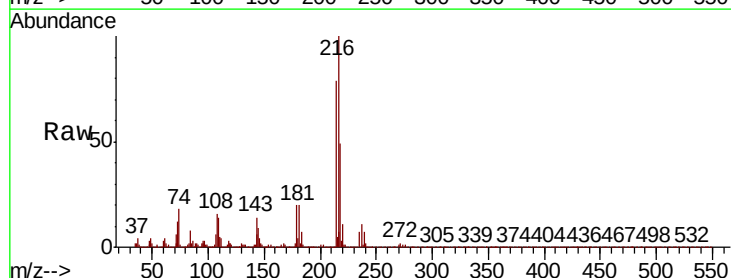
Ion Ratio Lower Upper

216 100

214 78.4 63.2 94.8

179 20.4 16.6 24.8

108 18.4 14.9 22.3

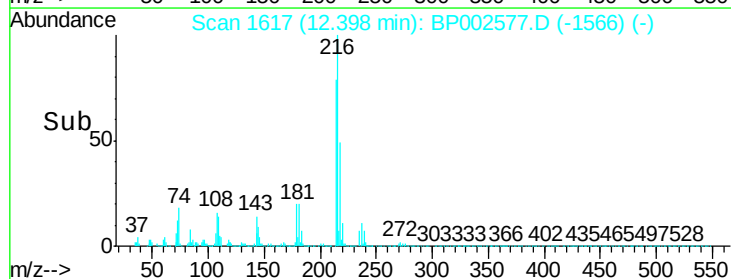
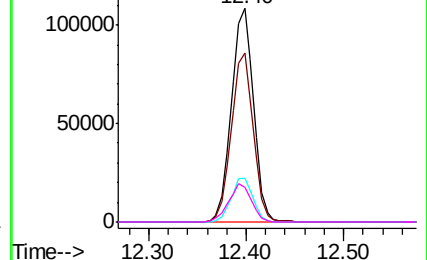


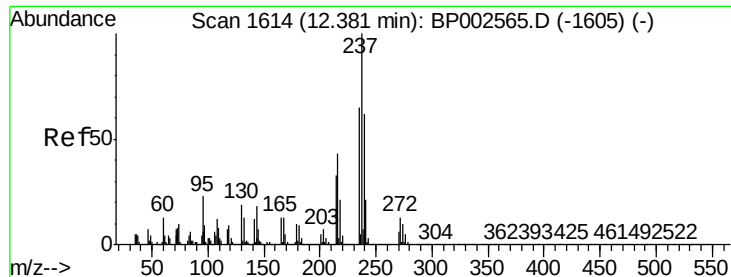
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

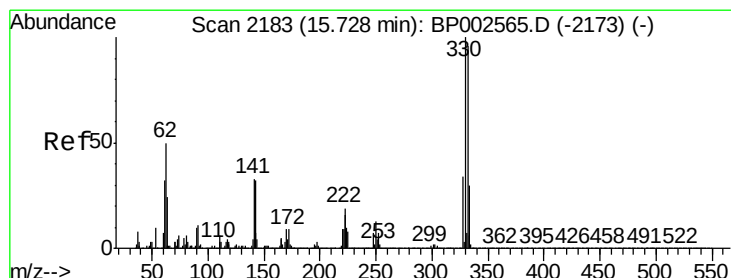
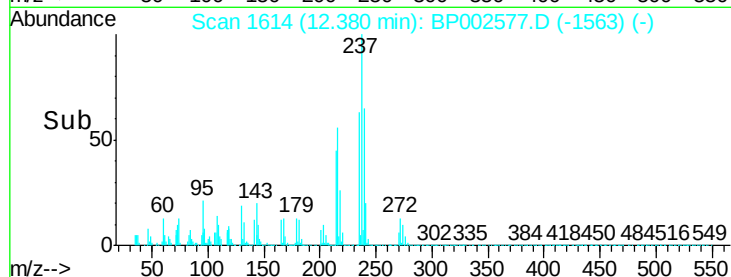
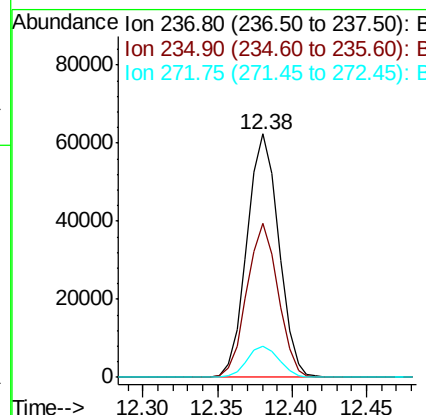
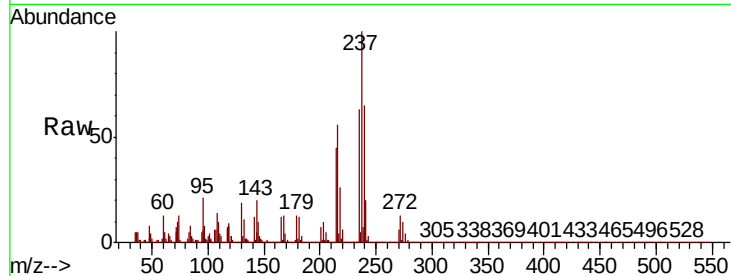




#41
Hexachlorocyclopentadiene
Concen: 43.939 ng
RT: 12.38 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

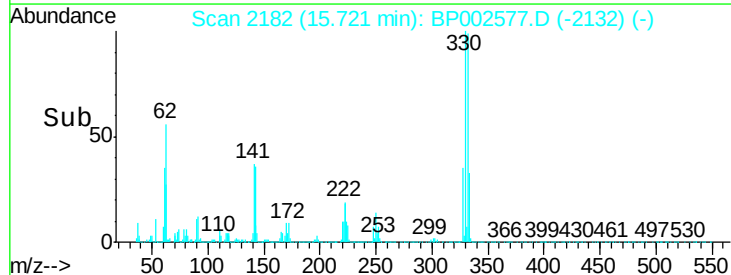
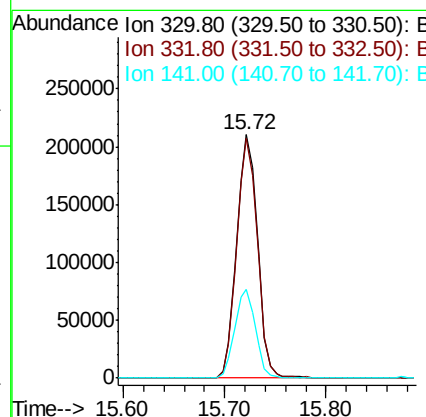
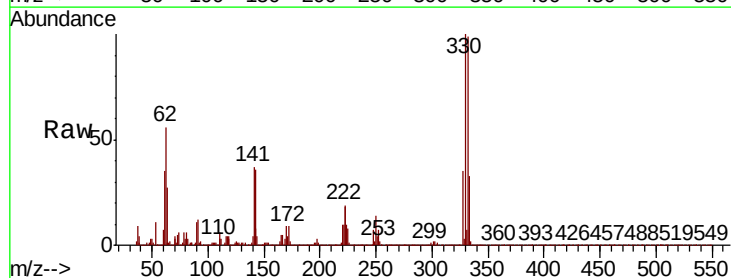
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

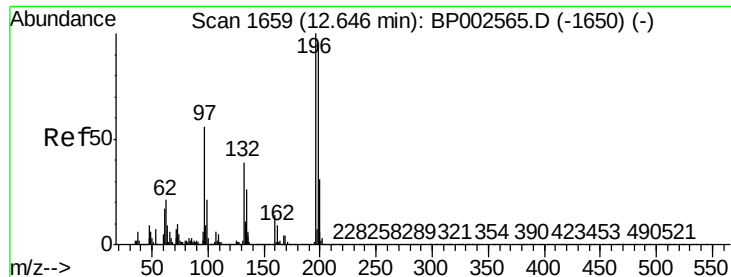
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	45.4	85.4
272	12.7	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 184.762 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.7	116.5
141	36.3	29.0	43.6

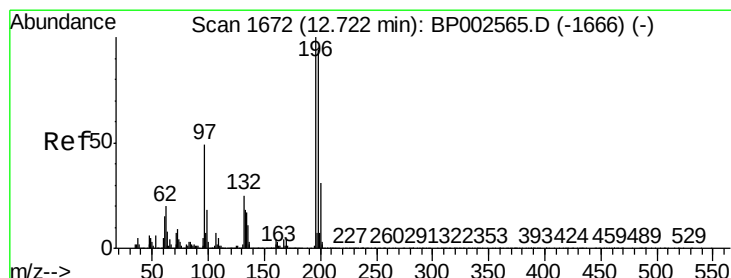
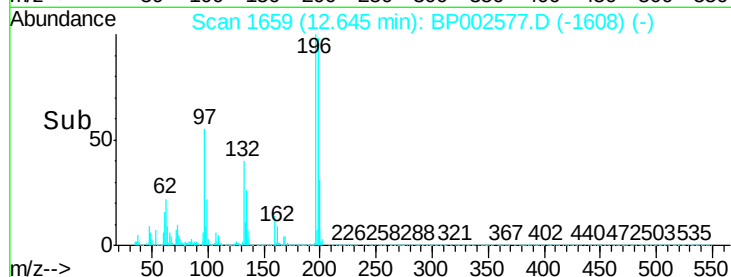
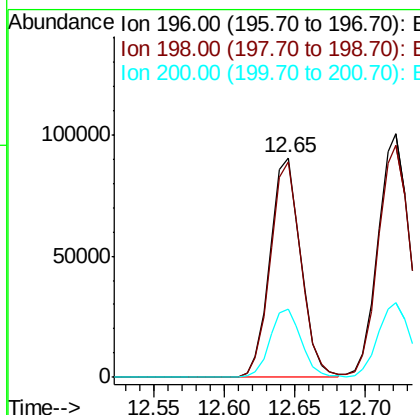
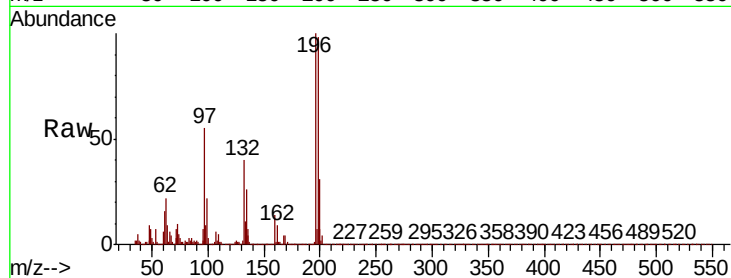




#43
 2,4,6-Trichlorophenol
 Concen: 48.744 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

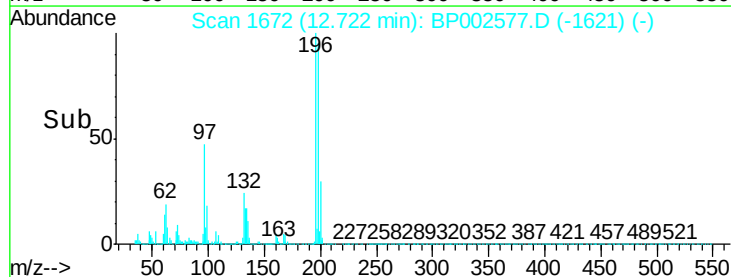
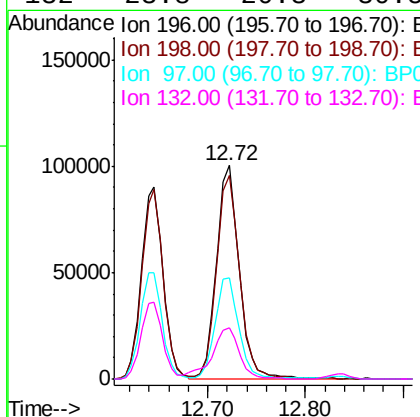
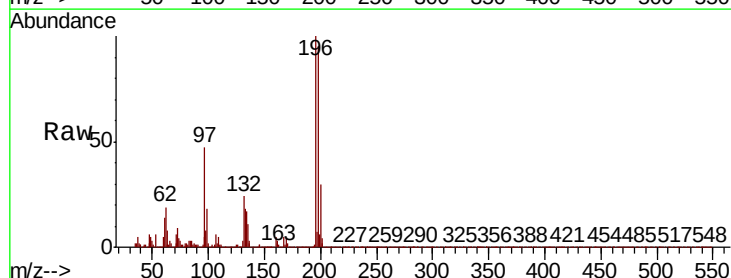
Instrument :
 BNA_P
 ClientSampleId :
 SP2-FMSD

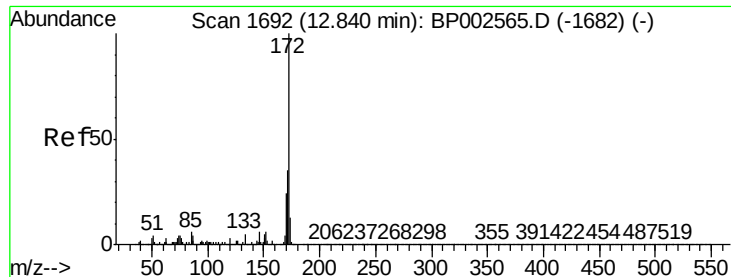
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.3	112.9
200	31.4	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 49.621 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.4	113.0
97	47.2	39.3	58.9
132	23.8	20.3	30.5

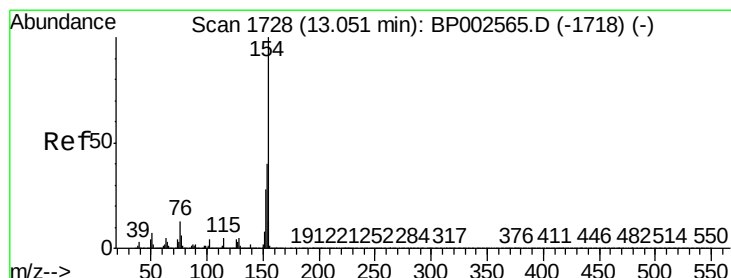
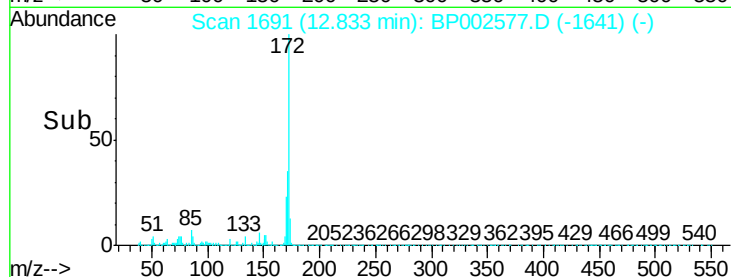
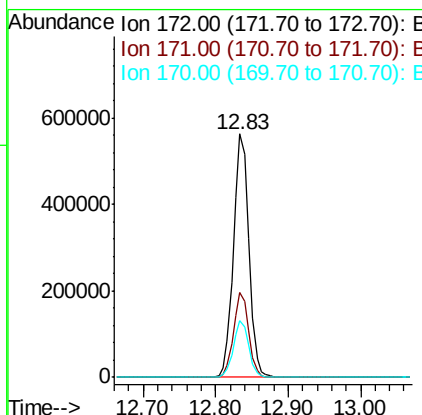
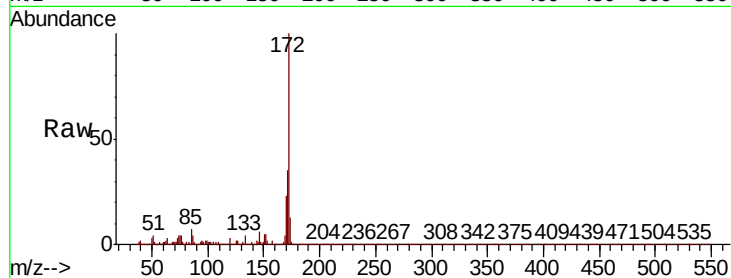




#45
2-Fluorobiphenyl
Concen: 90.745 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

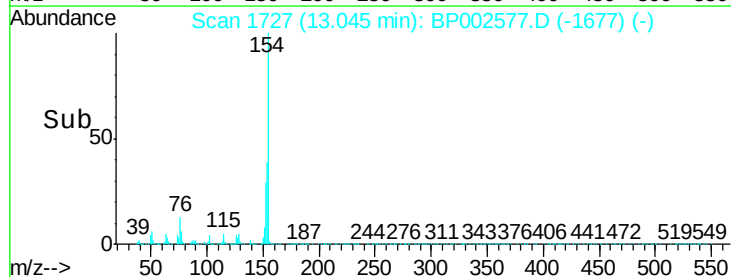
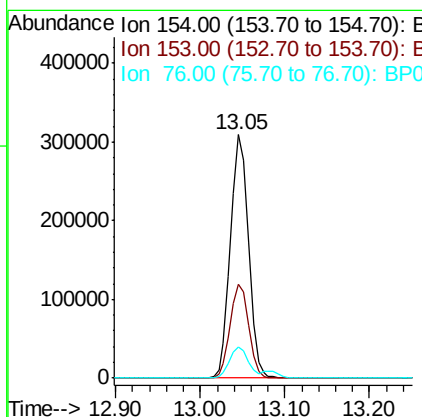
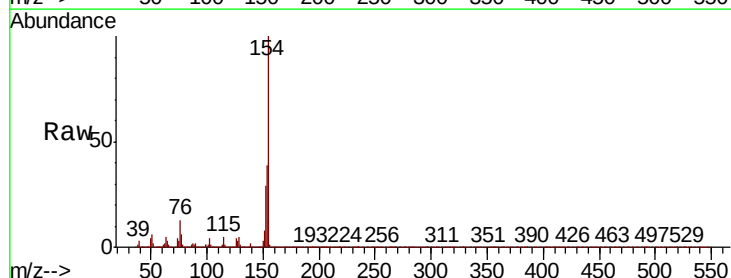
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

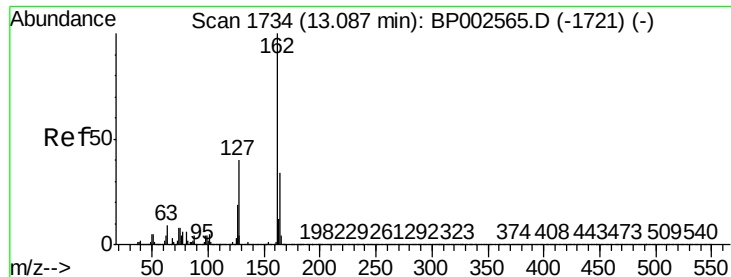
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	23.3	19.0	28.4



#46
1,1'-Biphenyl
Concen: 44.520 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.8	20.0	60.0
76	12.6	0.0	33.0

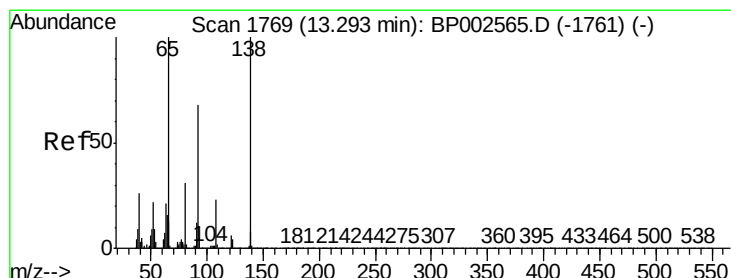
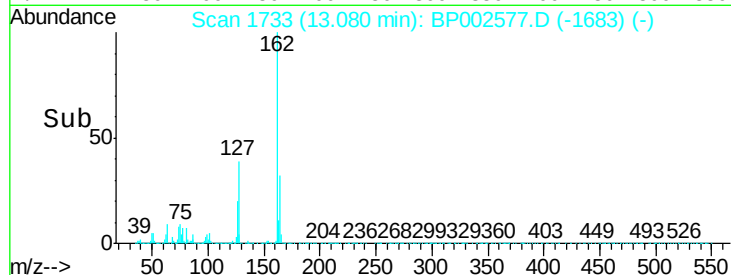
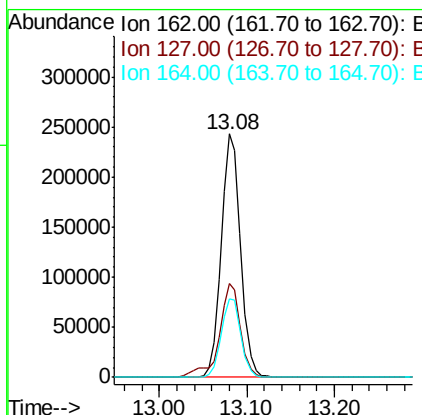
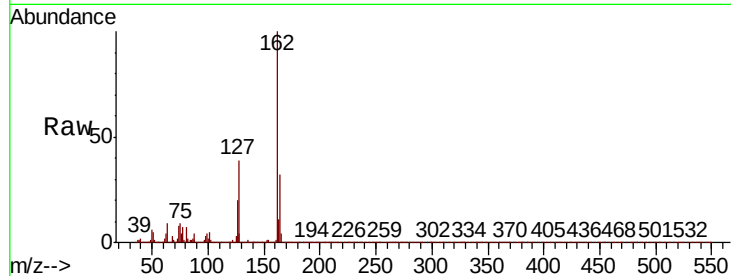




#47
2-Chloronaphthalene
Concen: 44.312 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

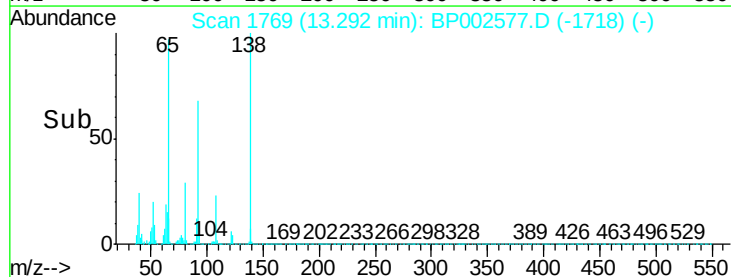
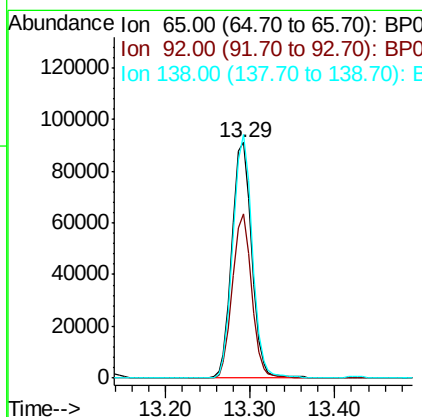
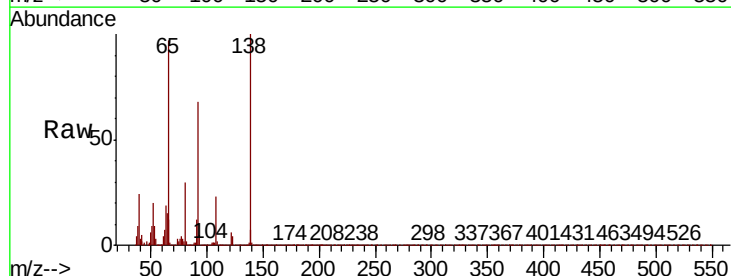
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

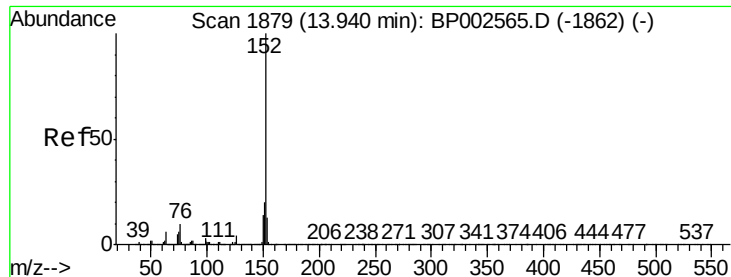
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.7	47.5
164	32.3	27.3	40.9



#48
2-Nitroaniline
Concen: 55.046 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	54.2	81.4
138	103.4	79.8	119.8





#49

Acenaphthylene

Concen: 49.800 ng

RT: 13.93 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

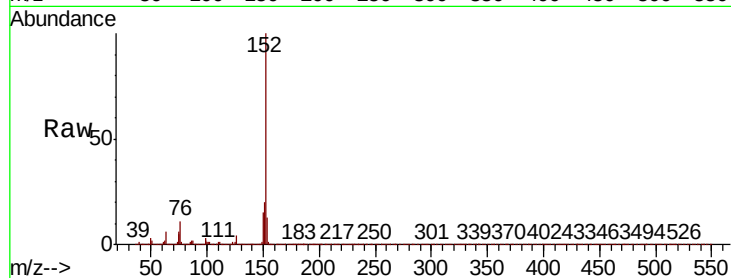
Tot Ion:152 Resp: 650591

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

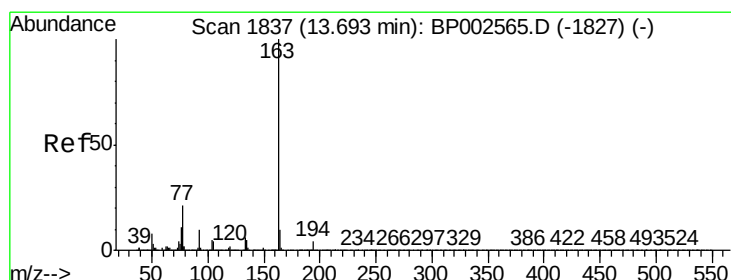
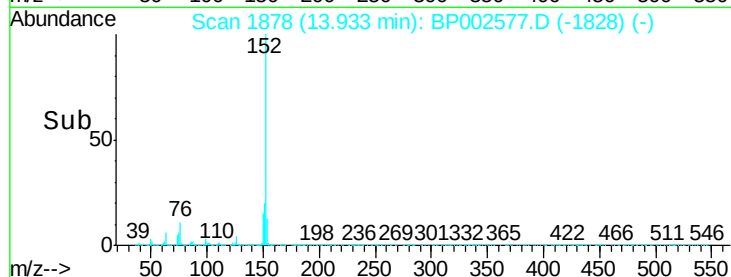
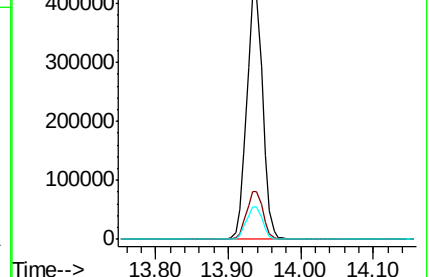
153 13.3 10.2 15.2



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: 67.779 ng

RT: 13.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

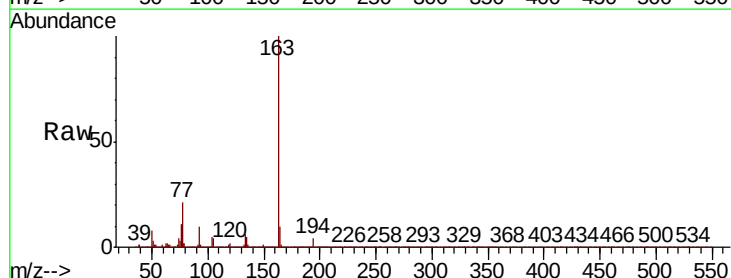
Tgt Ion:163 Resp: 717662

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

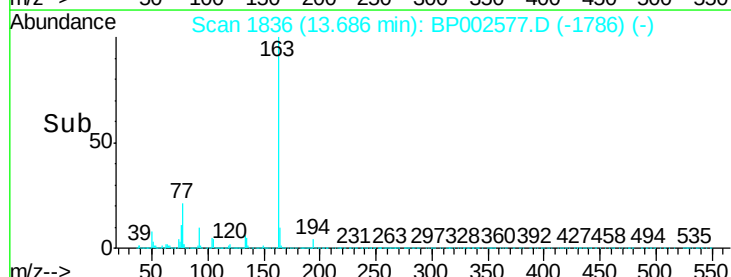
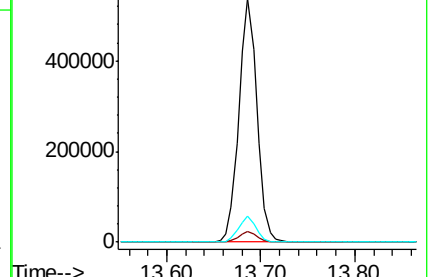
164 10.4 8.2 12.4

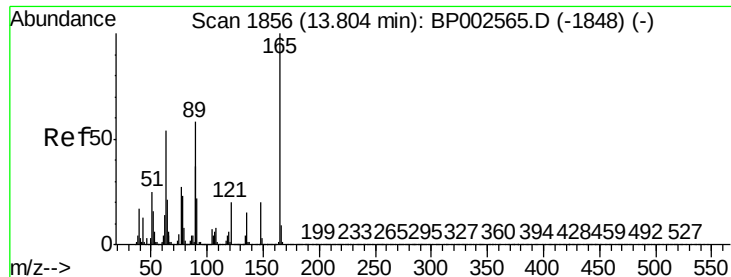


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.284 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

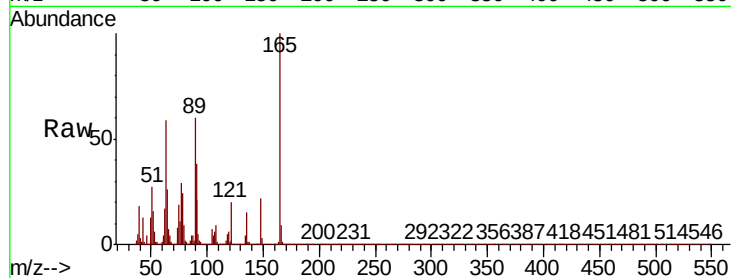
Tot Ion:165 Resp: 124136

Ion Ratio Lower Upper

165 100

63 58.9 46.6 69.8

89 59.9 46.3 69.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

120000

100000

80000

60000

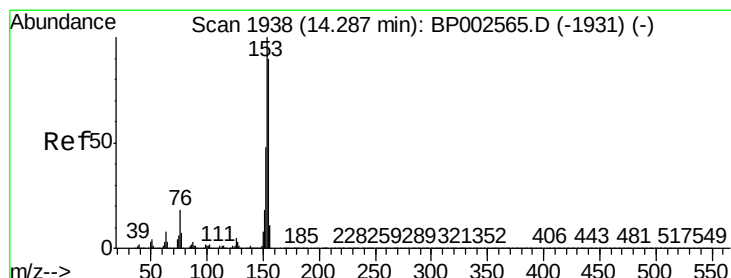
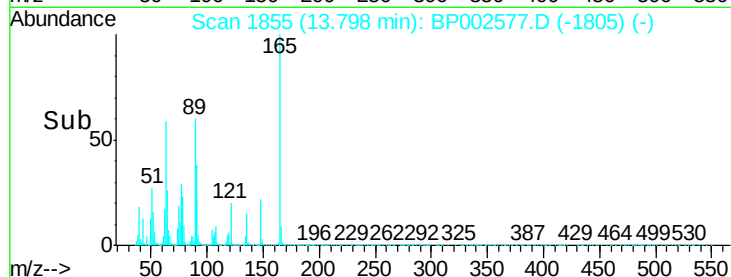
40000

20000

0

13.70 13.80 13.90

Time-->



#52

Acenaphthene

Concen: 49.441 ng

RT: 14.29 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

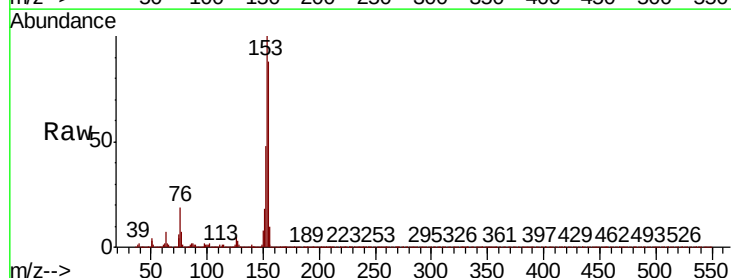
Tgt Ion:154 Resp: 381080

Ion Ratio Lower Upper

154 100

153 114.3 89.1 133.7

152 54.7 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

400000

300000

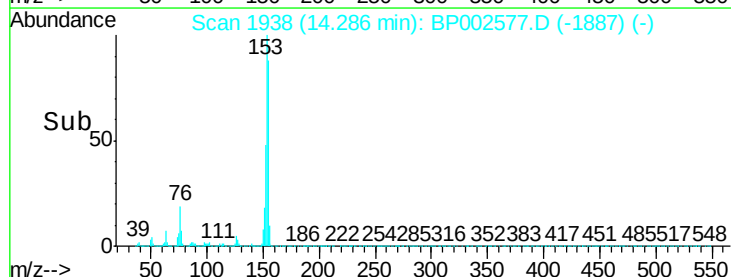
200000

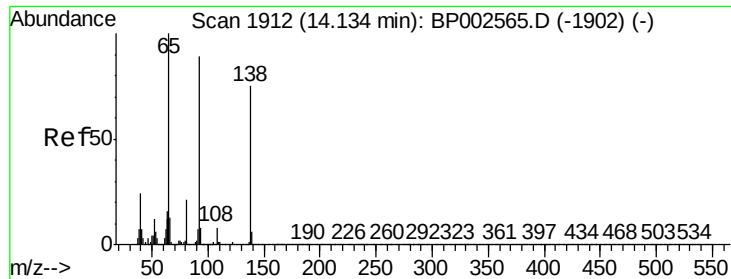
100000

0

14.25 14.30

Time-->

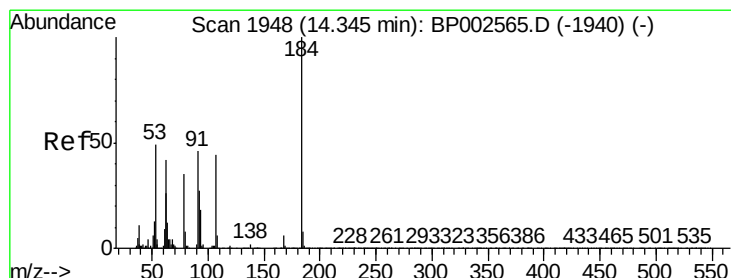
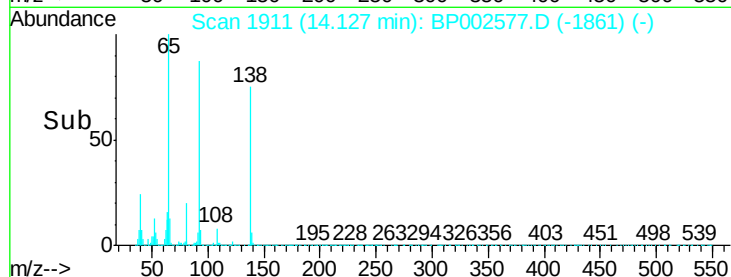
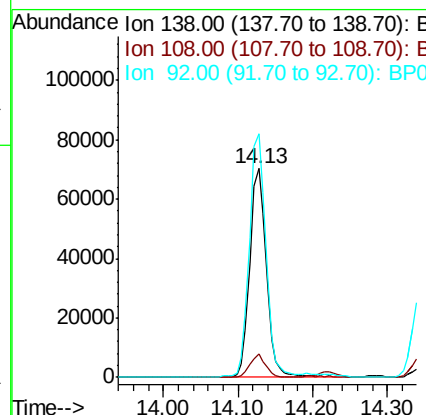
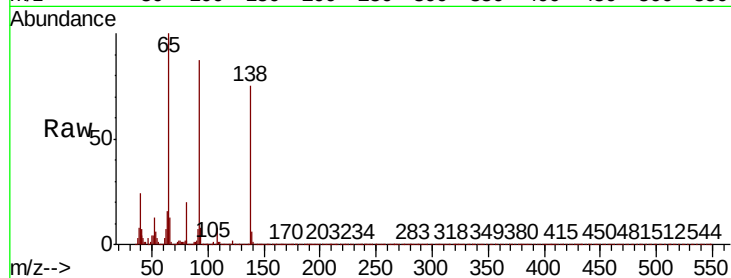




#53
 3-Nitroaniline
 Concen: 43.519 ng
 RT: 14.13 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

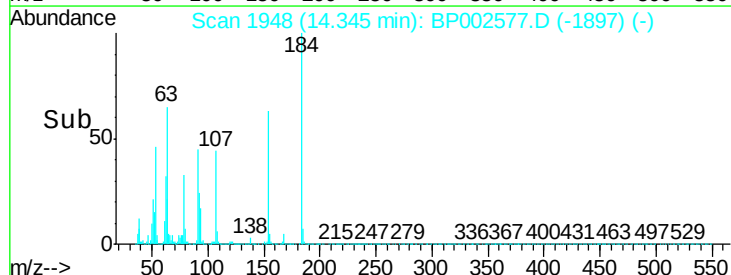
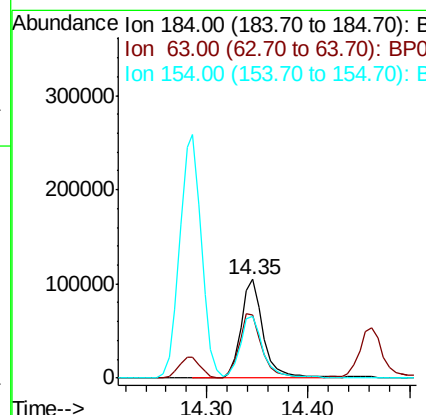
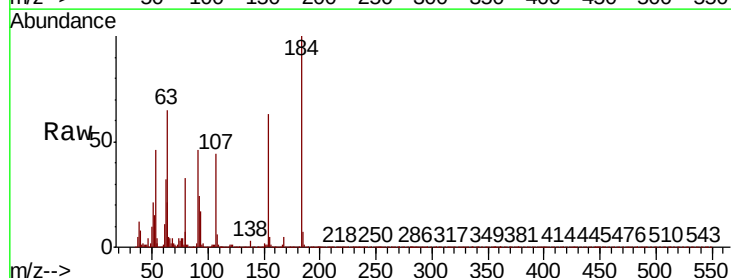
Instrument :
 BNA_P
 ClientSampleId :
 SP2-FMSD

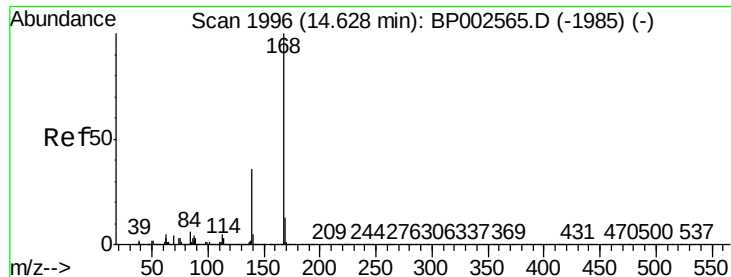
Tot Ion:138 Resp: 108360
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.6 12.8
 92 116.8 94.9 142.3



#54
 2,4-Dinitrophenol
 Concen: 110.007 ng
 RT: 14.35 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Tgt Ion:184 Resp: 160290
 Ion Ratio Lower Upper
 184 100
 63 64.8 56.2 84.2
 154 63.0 50.9 76.3





#55

Dibenzofuran

Concen: 51.815 ng

RT: 14.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

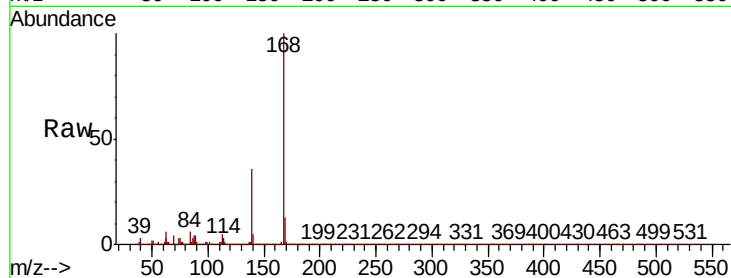
BNA_P

ClientSampleId :

SP2-FMSE

Tot Ion:168 Resp: 647213

Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.3	43.9
169	13.2	10.6	15.8

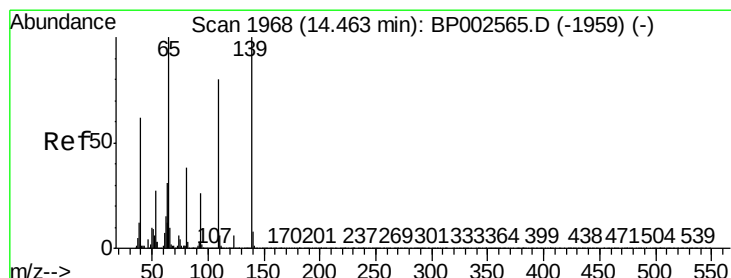
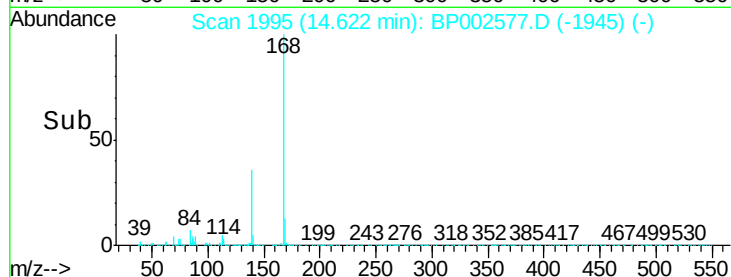
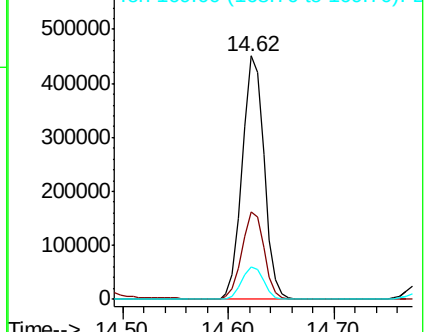


Abundance

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: 135.087 ng

RT: 14.46 min Scan# 1968

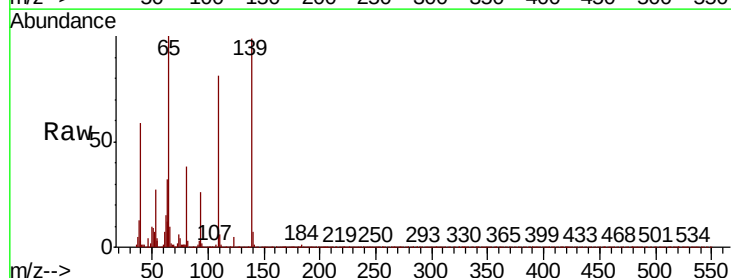
Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Tgt Ion:139 Resp: 268926

Ion	Ratio	Lower	Upper
139	100		
109	81.9	60.1	100.1
65	101.1	80.3	120.3

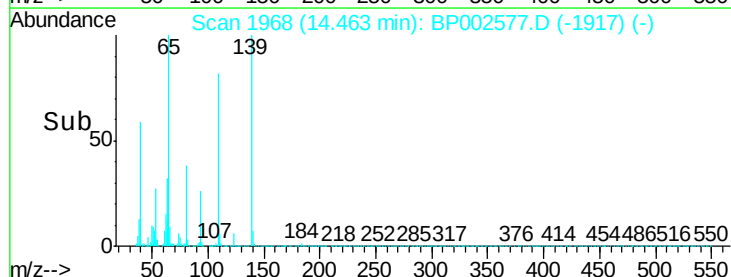
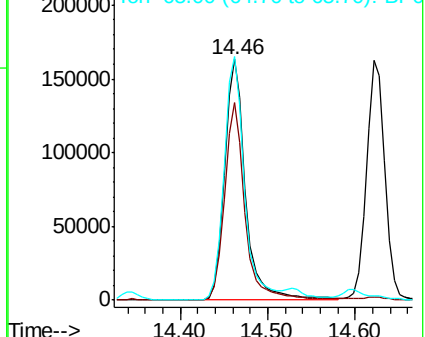


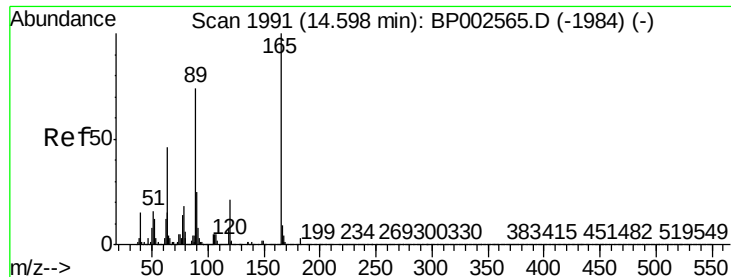
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#57

2,4-Dinitrotoluene

Concen: 60.853 ng

RT: 14.60 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

Tot Ion:165 Resp: 187196

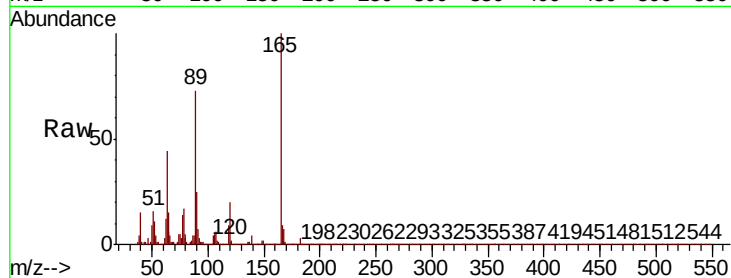
Ion Ratio Lower Upper

165 100

63 43.9 37.3 55.9

89 73.0 59.4 89.0

182 2.7 2.2 3.2

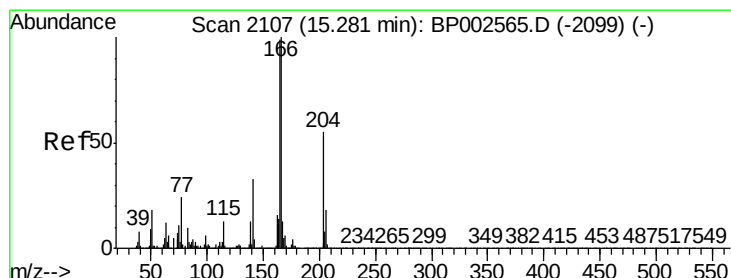
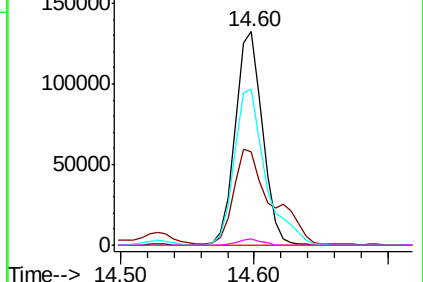
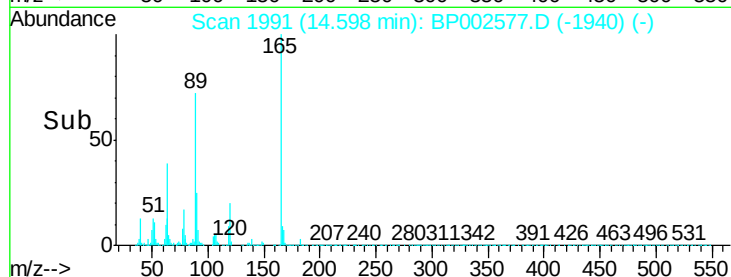


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 55.644 ng

RT: 15.28 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

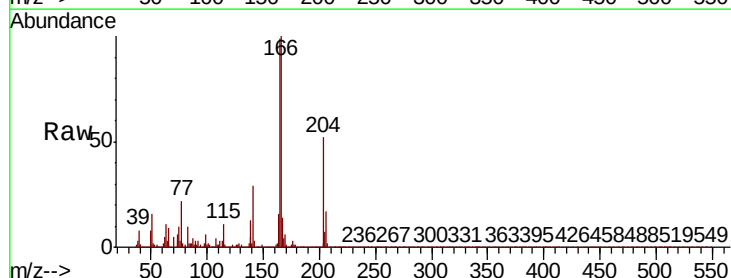
Tgt Ion:166 Resp: 529344

Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

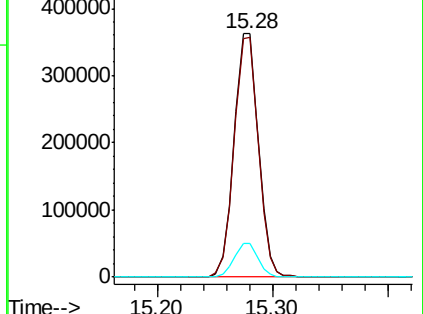
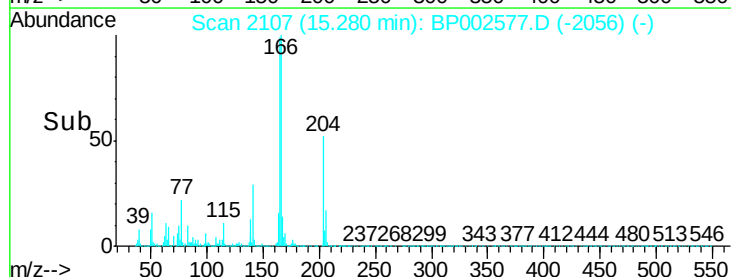
167 14.0 10.8 16.2

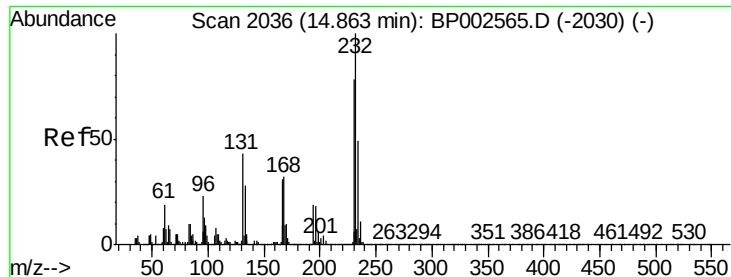


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.994 ng

RT: 14.86 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

Tot Ion:232 Resp: 161551

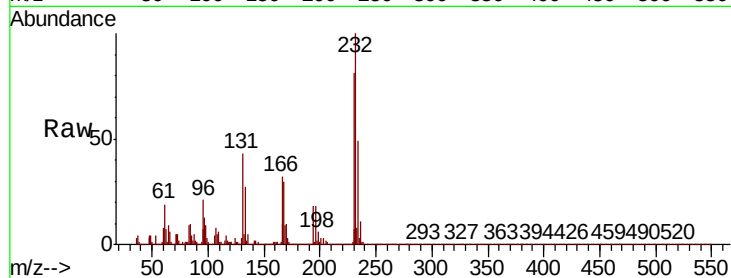
Ion Ratio Lower Upper

232 100

131 43.6 34.4 51.6

130 2.3 1.8 2.6

166 31.3 24.5 36.7

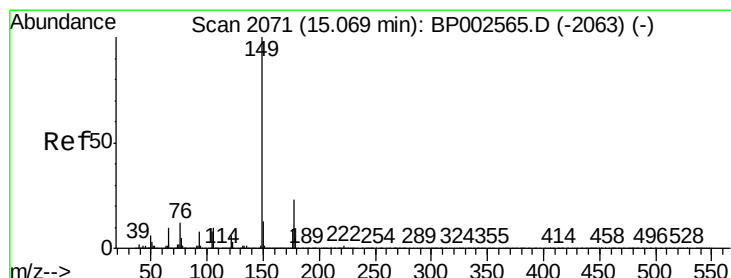
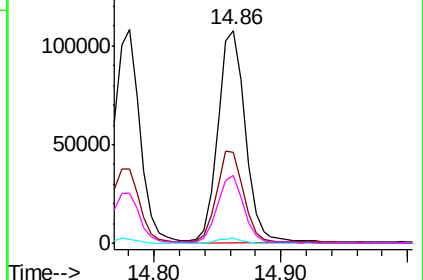
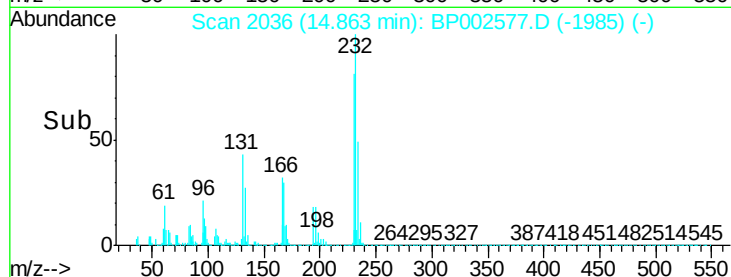


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 54.990 ng

RT: 15.07 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

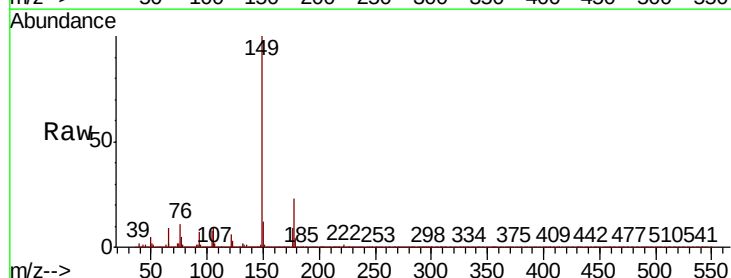
Tgt Ion:149 Resp: 578977

Ion Ratio Lower Upper

149 100

177 23.3 18.6 27.8

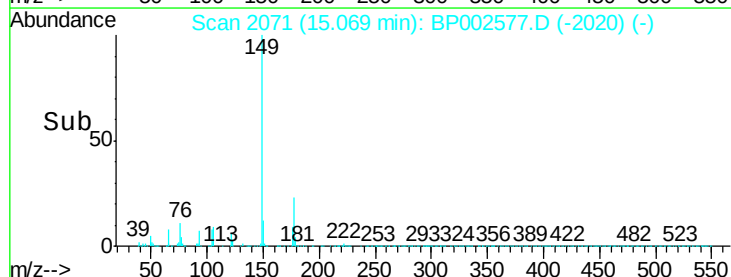
150 12.2 10.2 15.2



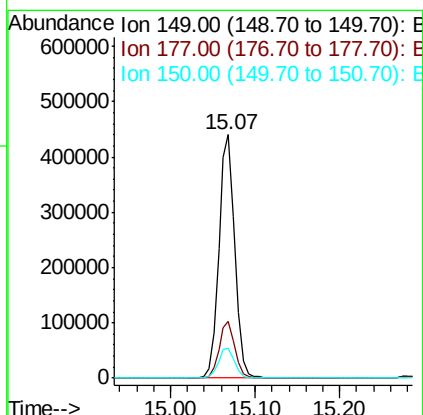
Abundance Ion 149.00 (148.70 to 149.70): E

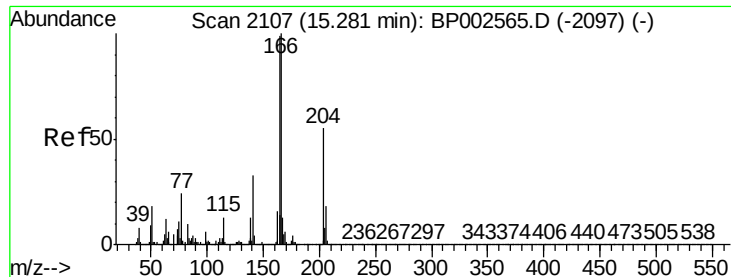
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->





#61

4-Chlorophenyl-phenylether

Concen: 50.810 ng

RT: 15.28 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

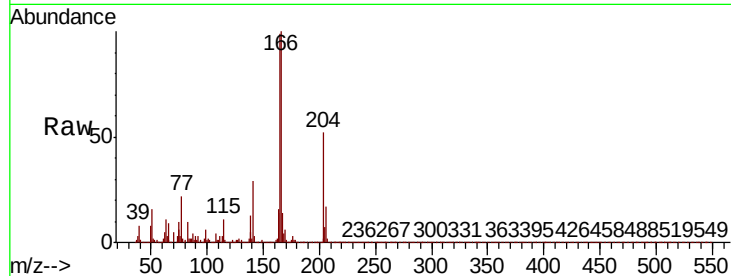
Tot Ion:204 Resp: 259216

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

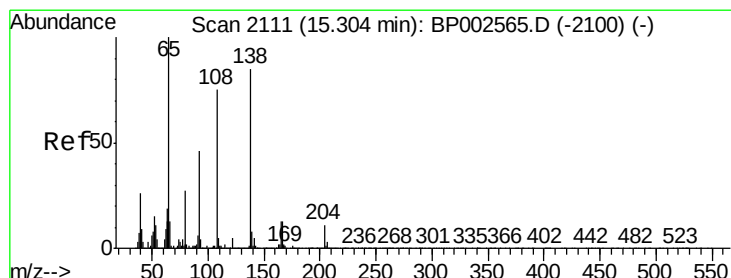
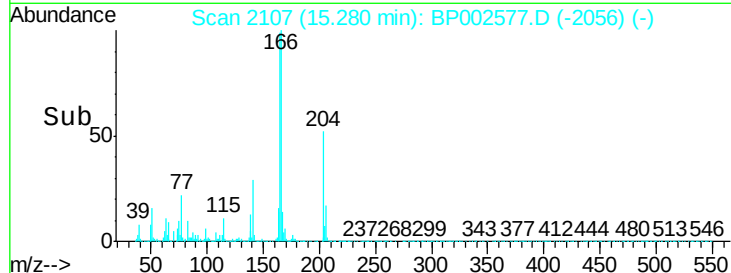
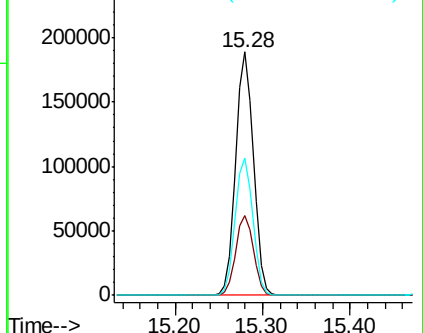
141 56.5 47.7 71.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 64.218 ng

RT: 15.30 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

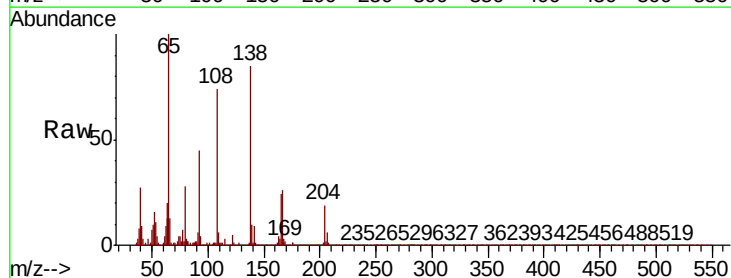
Tgt Ion:138 Resp: 159815

Ion Ratio Lower Upper

138 100

92 53.8 33.9 73.9

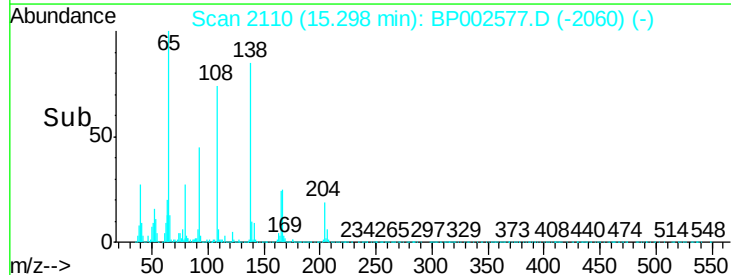
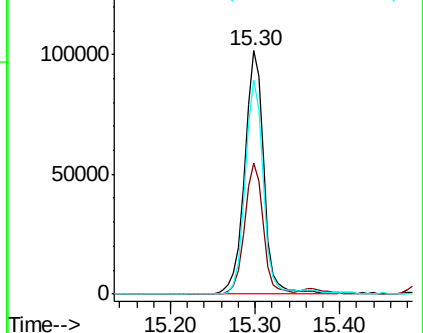
108 87.8 67.8 107.8

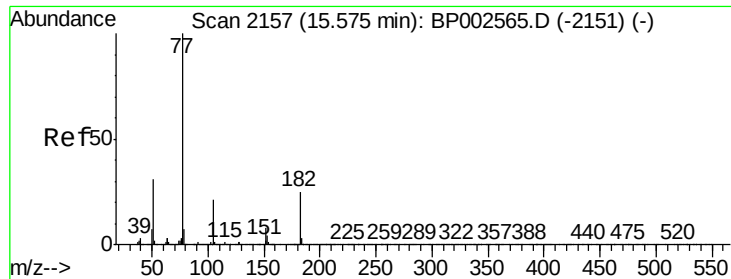


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

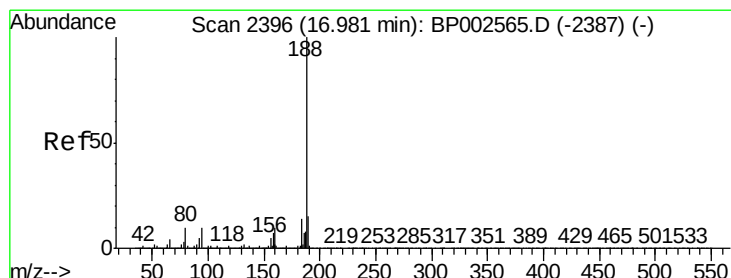
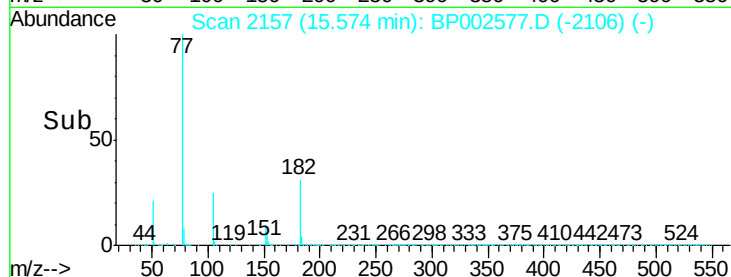
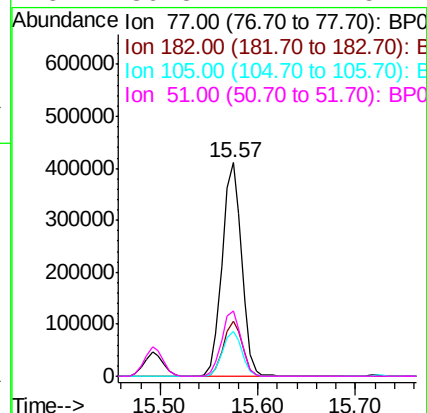
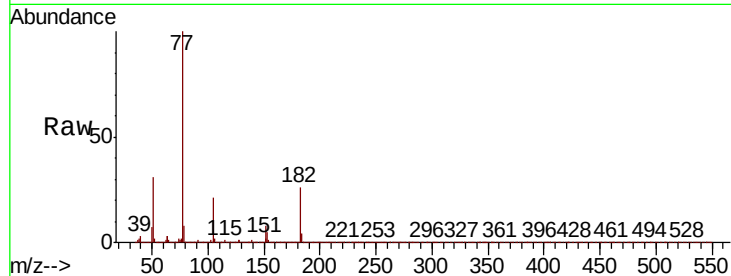




#63
Azobenzene
Concen: 55.499 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

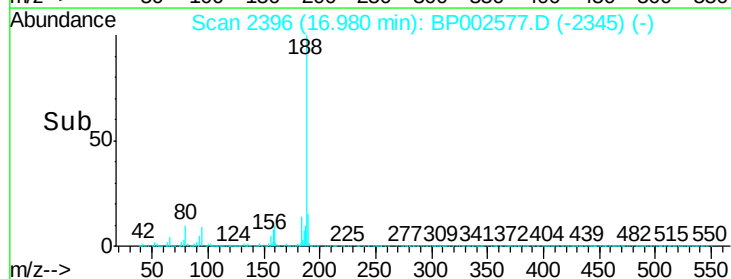
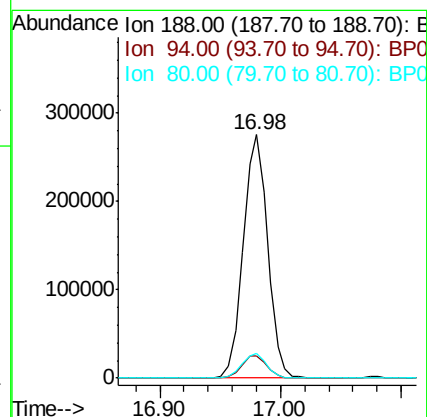
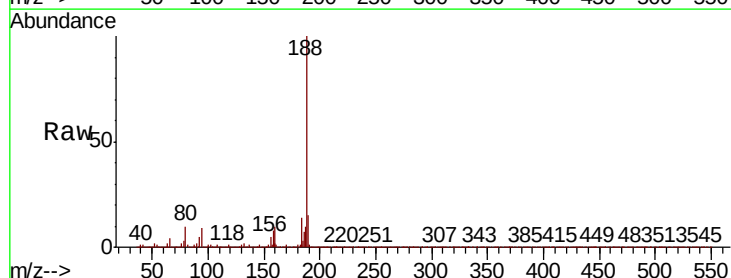
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

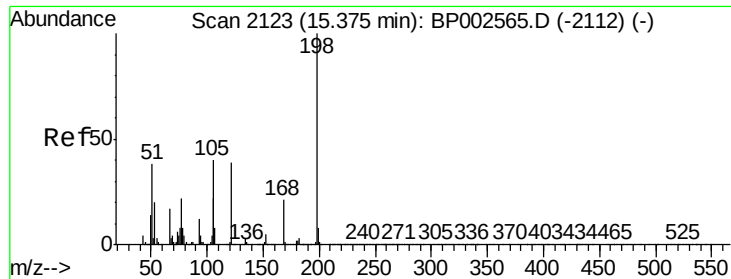
Tot Ion:	77	Resp:	565002
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.7	44.7
105	21.1	0.6	40.6
51	30.8	11.2	51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion:	188	Resp:	390181
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.6
80	10.0	8.2	12.4

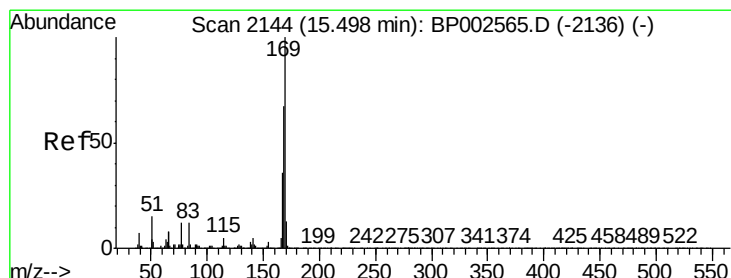
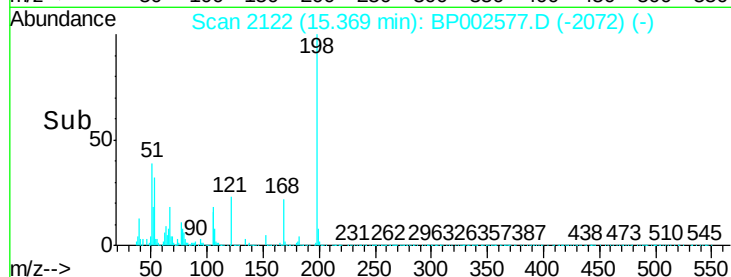
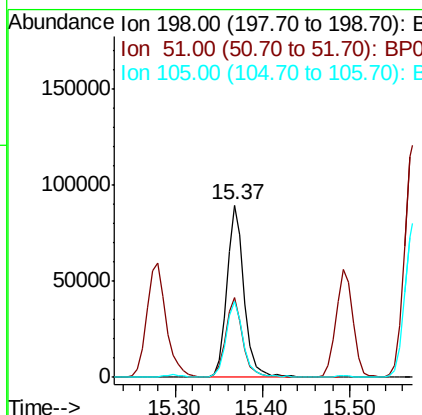
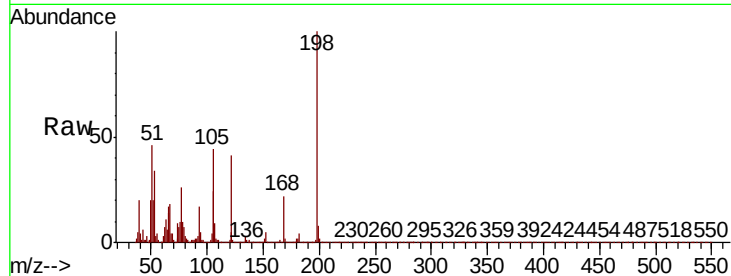




#65
4,6-Dinitro-2-methylphenol
Concen: 48.287 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

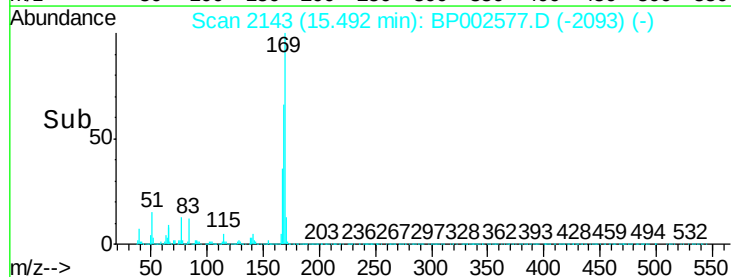
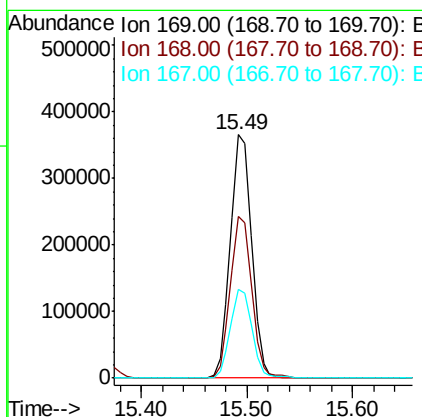
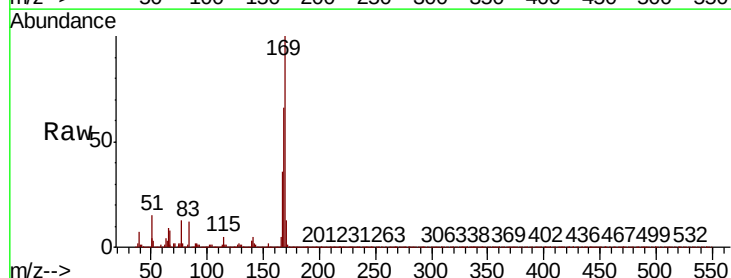
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

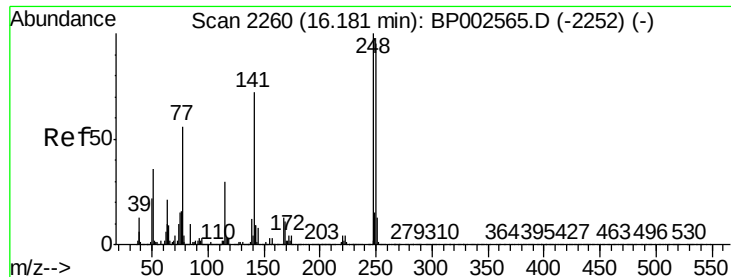
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.2	24.2	64.2
105	44.0	20.7	60.7



#66
n-Nitrosodiphenylamine
Concen: 44.584 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.5	80.3
167	36.2	29.1	43.7

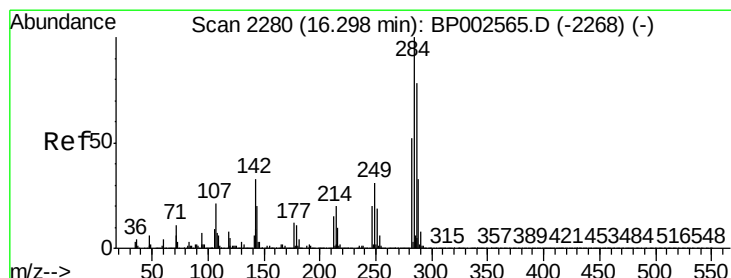
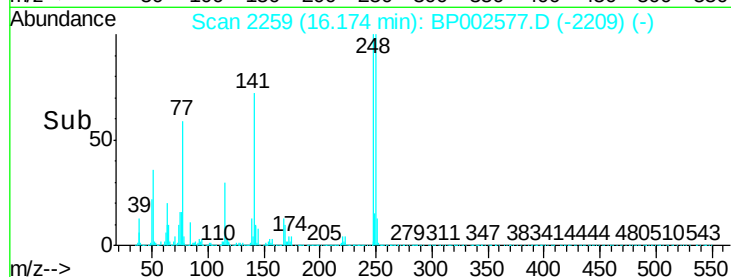
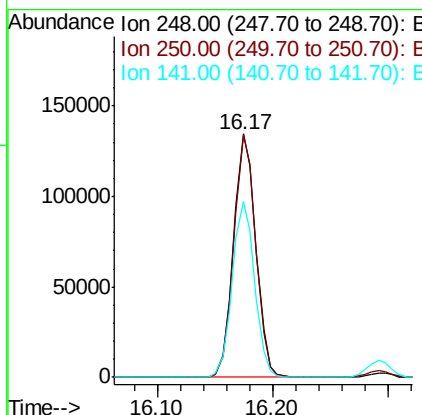
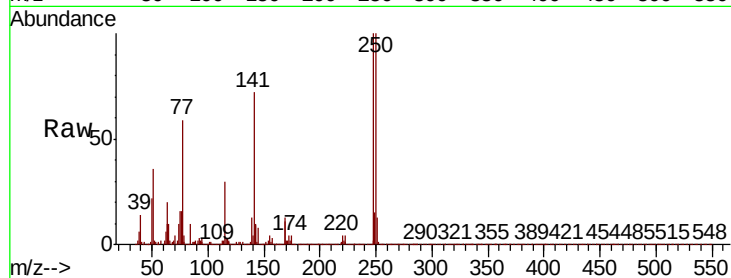




#67
4-Bromophenyl-phenylether
Concen: 40.863 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

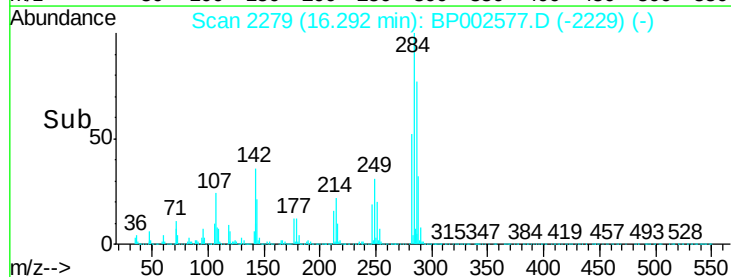
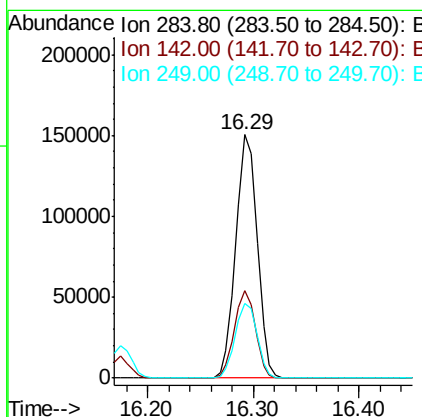
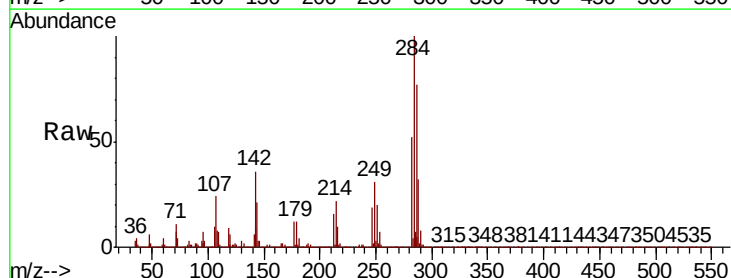
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

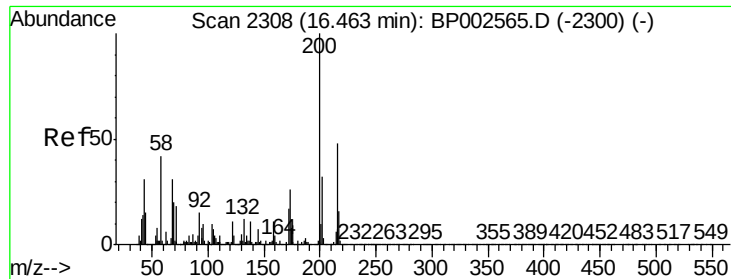
Tot Ion:248 Resp: 179168
Ion Ratio Lower Upper
248 100
250 99.8 76.1 114.1
141 72.4 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.585 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion:284 Resp: 209431
Ion Ratio Lower Upper
284 100
142 36.2 26.6 40.0
249 30.9 25.1 37.7





#69

Atrazine

Concen: 53.764 ng

RT: 16.46 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

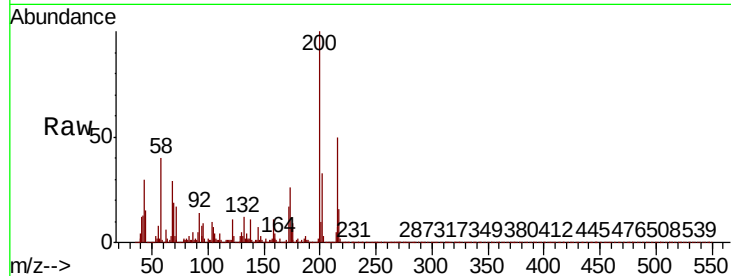
Tot Ion:200 Resp: 196500

Ion Ratio Lower Upper

200 100

173 26.4 6.3 46.3

215 50.3 28.3 68.3



Abundance Ion 200.00 (199.70 to 200.70): E

200000 Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

150000

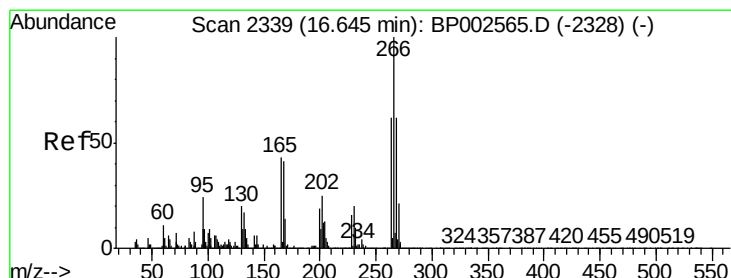
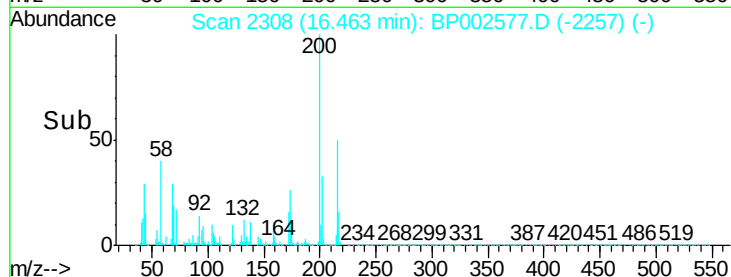
100000

50000

0

16.40 16.50 16.60

Time-->



#70

Pentachlorophenol

Concen: 100.330 ng

RT: 16.64 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

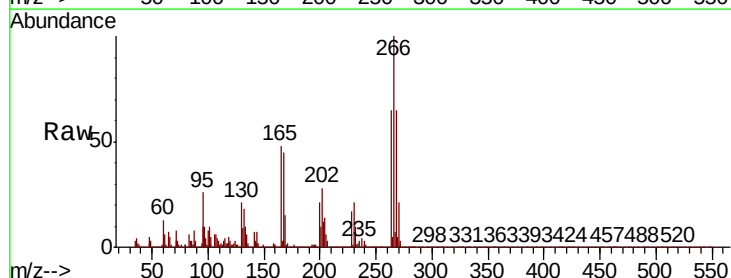
Tgt Ion:266 Resp: 271213

Ion Ratio Lower Upper

266 100

268 64.6 49.7 74.5

264 65.1 49.3 73.9



Abundance Ion 265.70 (265.40 to 266.40): E

250000 Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

200000

150000

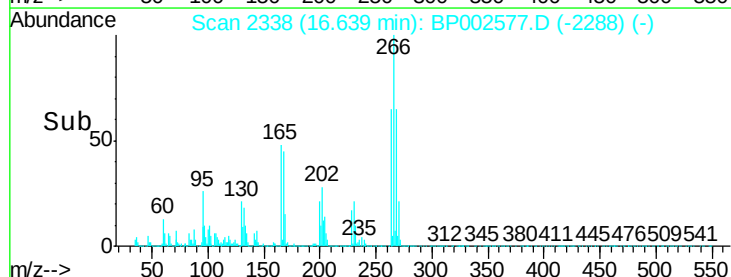
100000

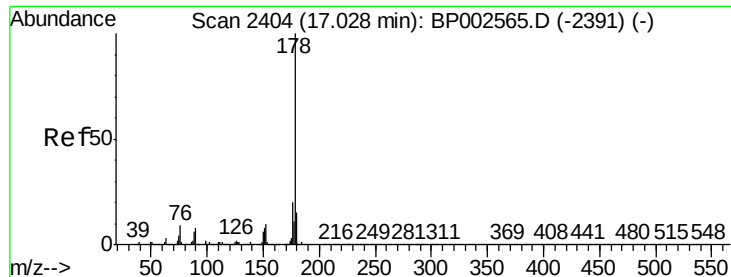
50000

0

16.60 16.70 16.80

Time-->





#71

Phenanthrene

Concen: 50.551 ng

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

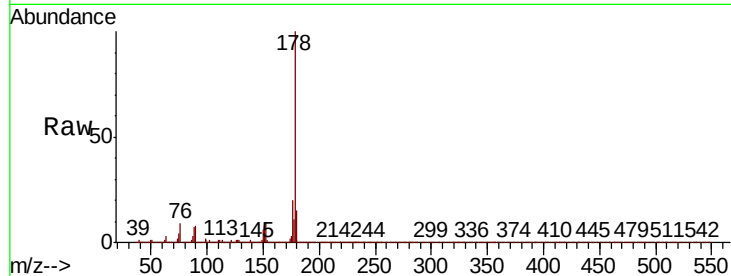
BNA_P

ClientSampleId :

SP2-FM5D

Tot Ion:178 Resp: 1061239

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.0	12.1	18.1

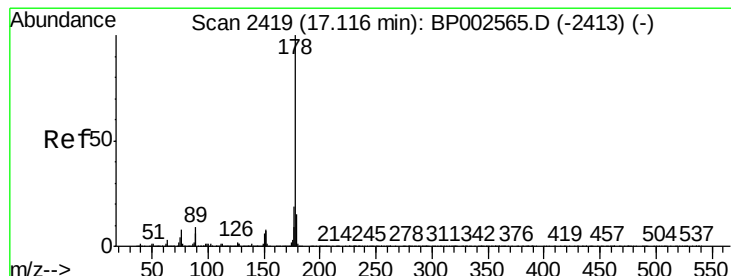
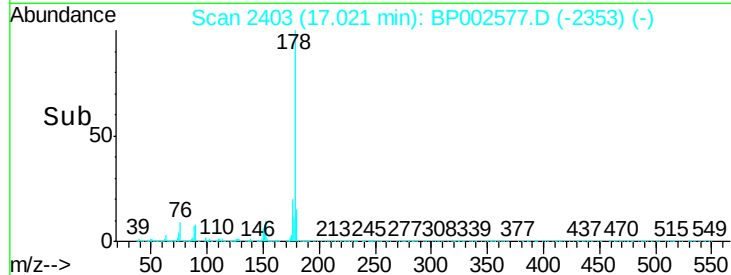
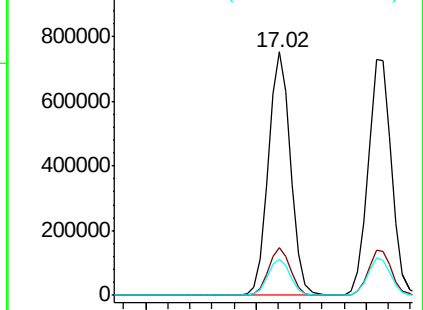


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.972 ng

RT: 17.11 min Scan# 2418

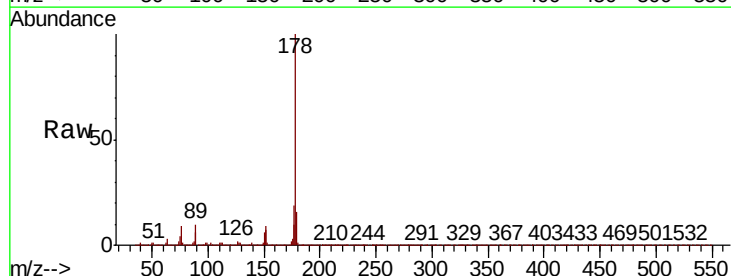
Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Tgt Ion:178 Resp: 1085724

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	16.0	12.2	18.2

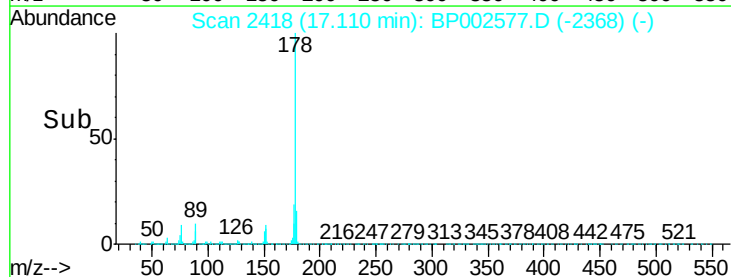
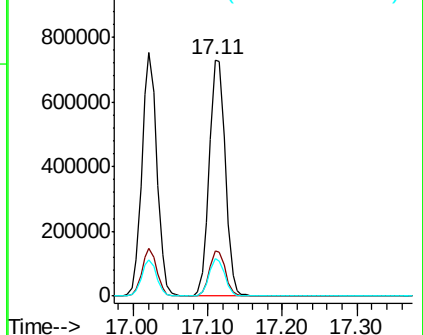


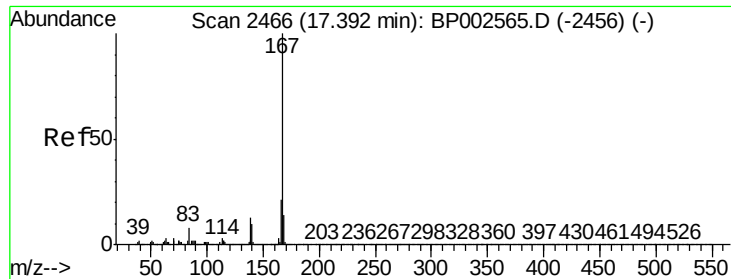
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



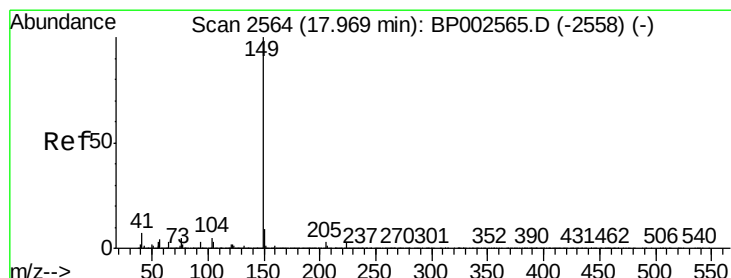
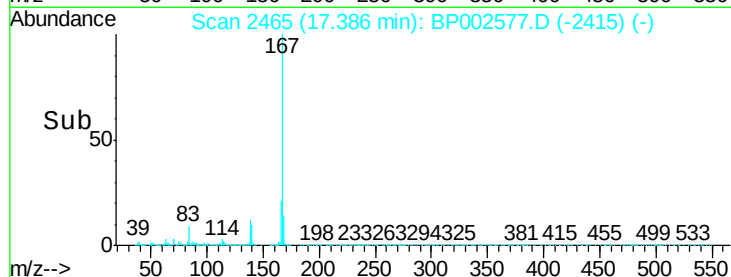
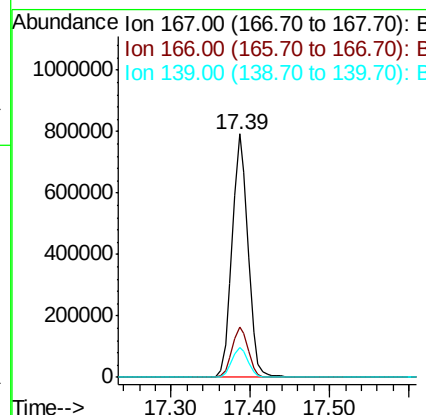
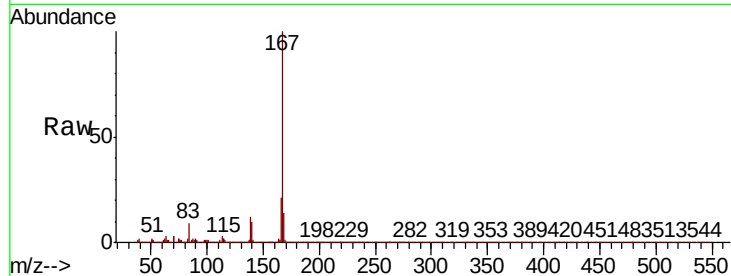


#73
 Carbazole
 Concen: 54.779 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Instrument :
 BNA_P
 ClientSampleId :
 SP2-FMSD

Tot Ion:167 Resp: 1105962

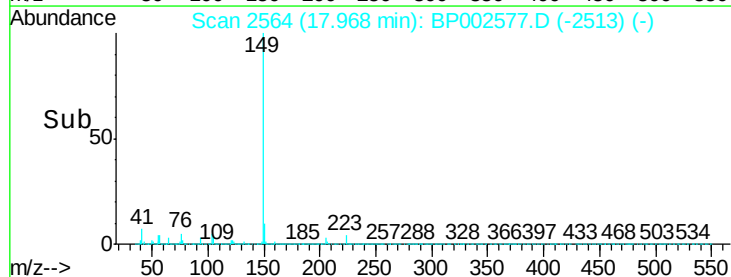
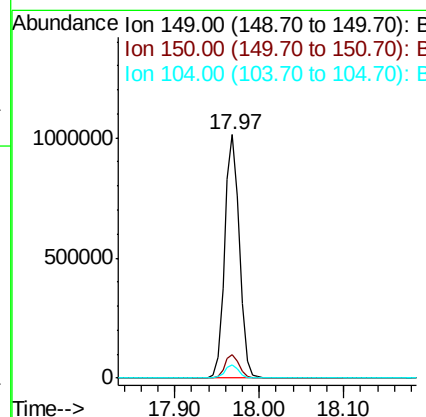
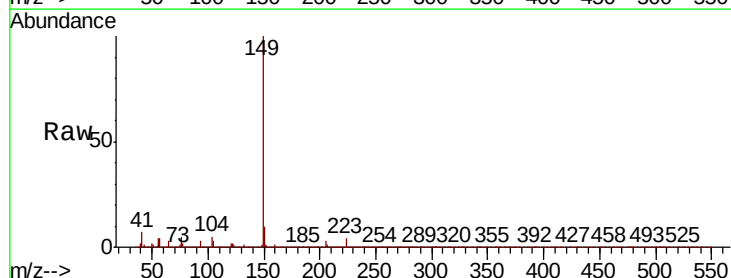
Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	12.5	10.5	15.7

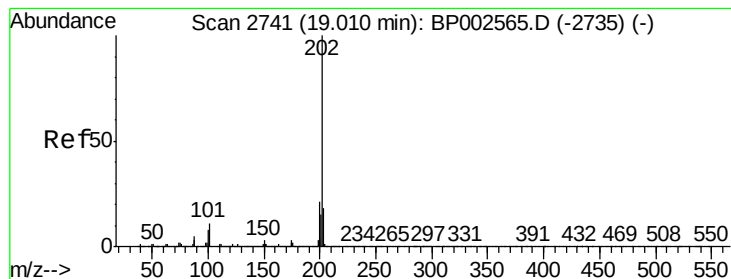


#74
 Di-n-butylphthalate
 Concen: 51.779 ng
 RT: 17.97 min Scan# 2564
 Delta R.T. -0.00 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Tgt Ion:149 Resp: 1231148

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	5.5	4.2	6.4





#75

Fluoranthene

Concen: 59.560 ng

RT: 19.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

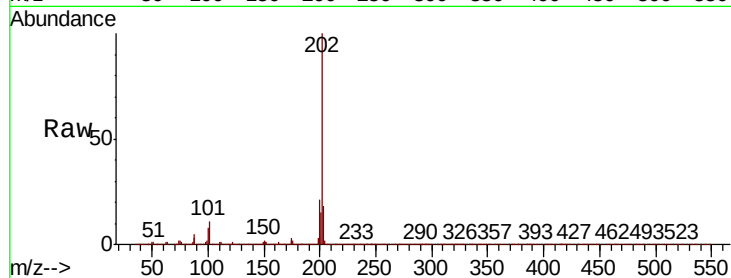
Tot Ion:202 Resp: 1513503

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.6
203	18.2	0.0	37.7

202 100

101 10.7 0.0 30.6

203 18.2 0.0 37.7

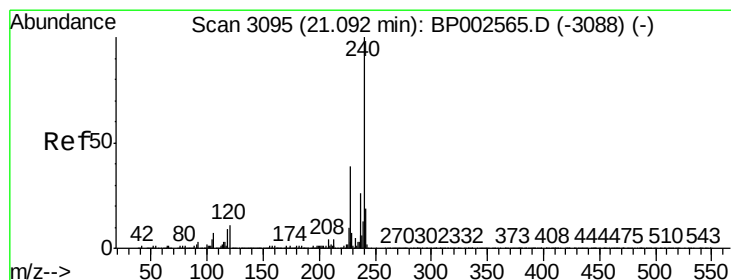
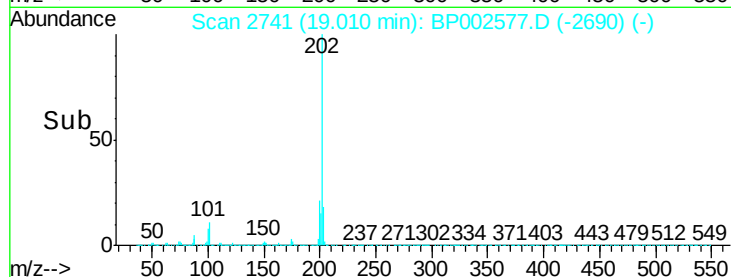
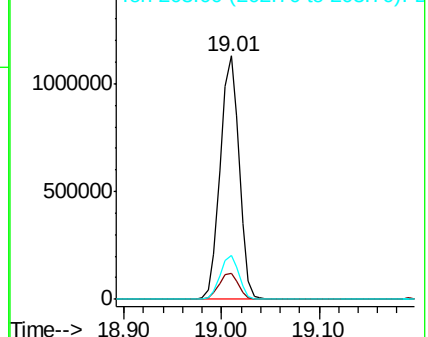


Abundance

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: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

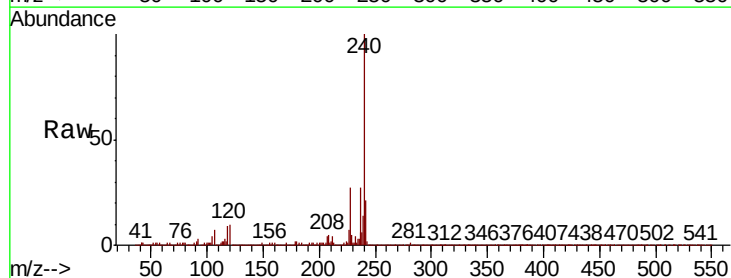
Tgt Ion:240 Resp: 529418

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	26.7	20.8	31.2

240 100

120 10.1 8.6 13.0

236 26.7 20.8 31.2

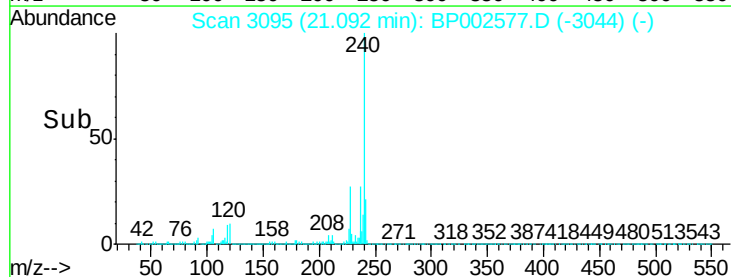
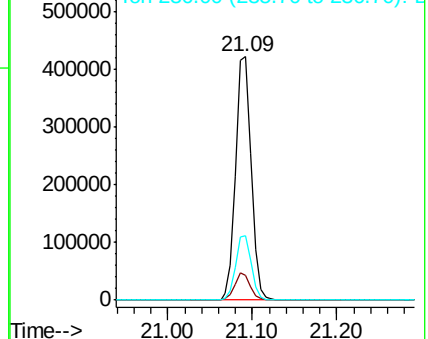


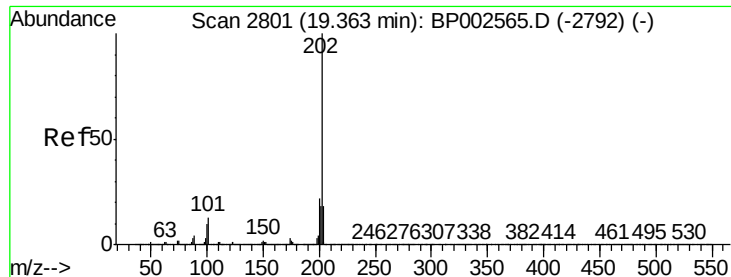
Abundance

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





#78

Pvrene

Concen: 43.440 ng

RT: 19.36 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

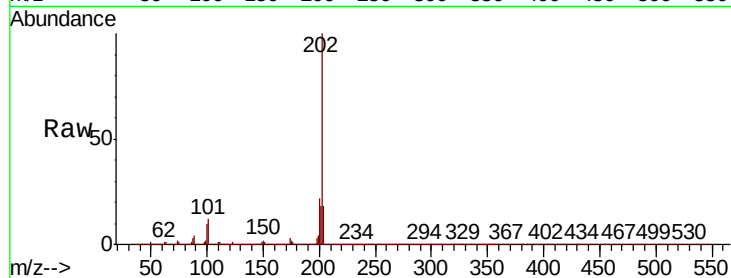
BNA_P

ClientSampleId :

SP2-FMSD

Tot Ion:202 Resp: 1565383

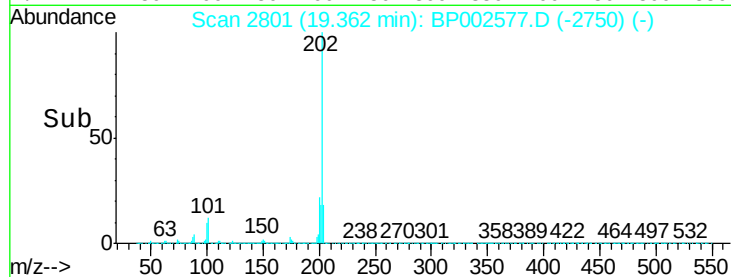
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.2	14.4	21.6



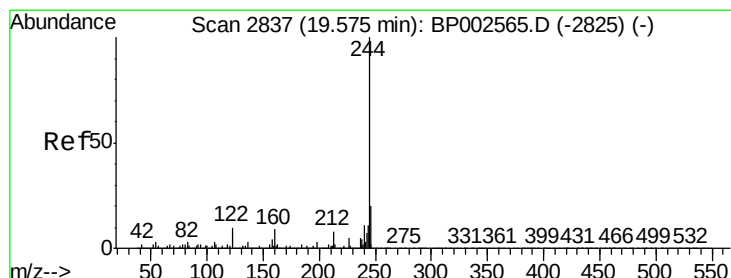
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 90.972 ng

RT: 19.57 min Scan# 2836

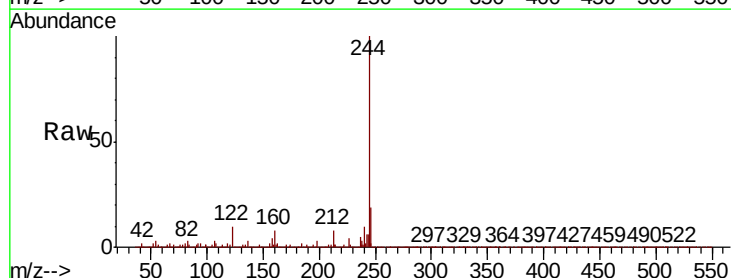
Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Tgt Ion:244 Resp: 2231293

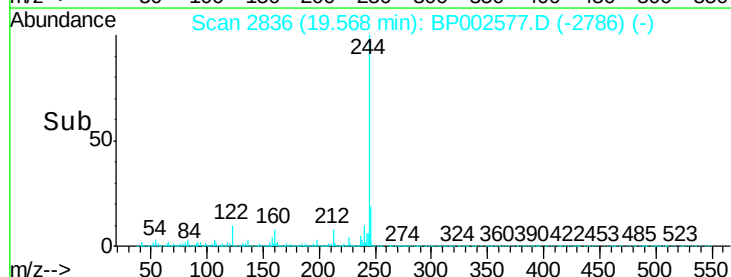
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	9.9	7.9	11.9



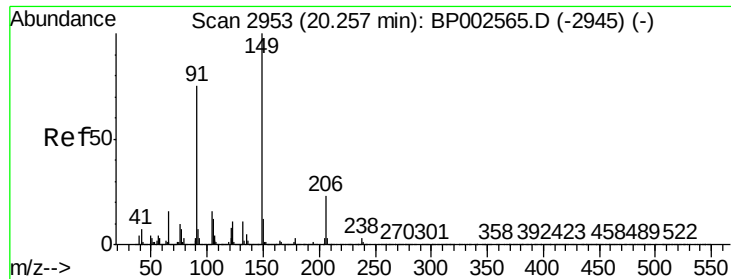
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



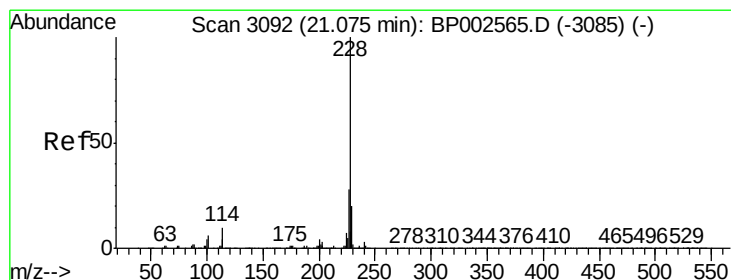
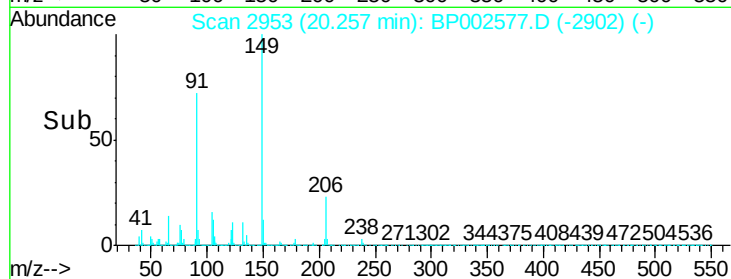
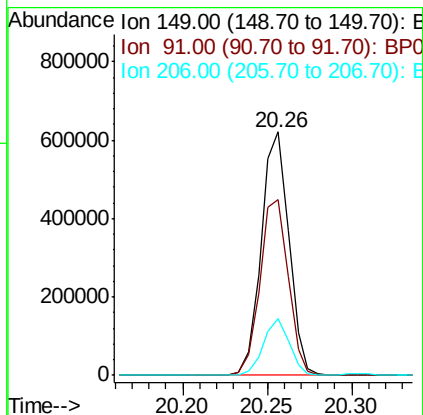
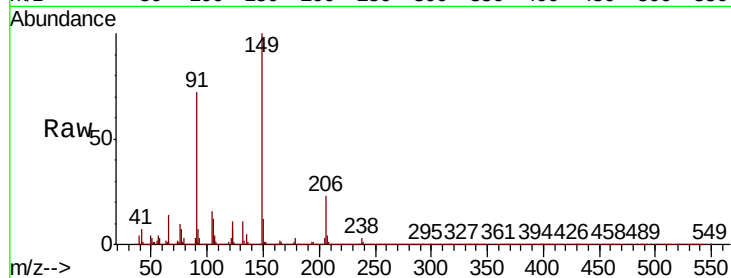
Time-->



#80
Butylbenzylphthalate
Concen: 44.814 ng
RT: 20.26 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

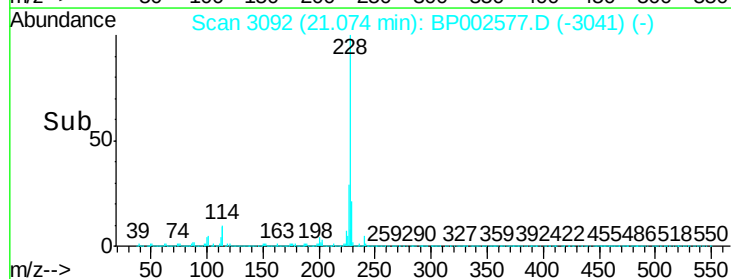
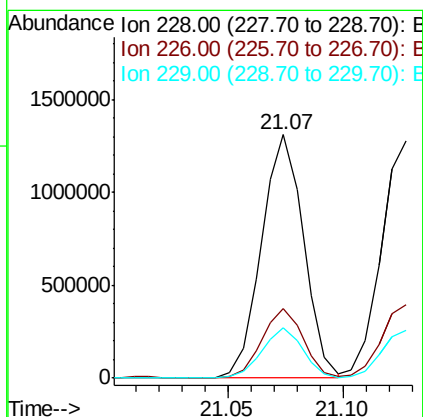
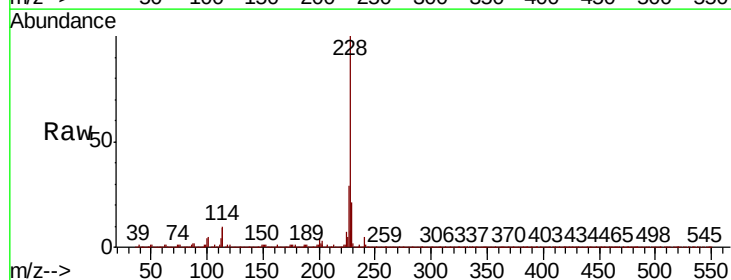
Instrument :
BNA_P
ClientSampleId :
SP2-FMSD

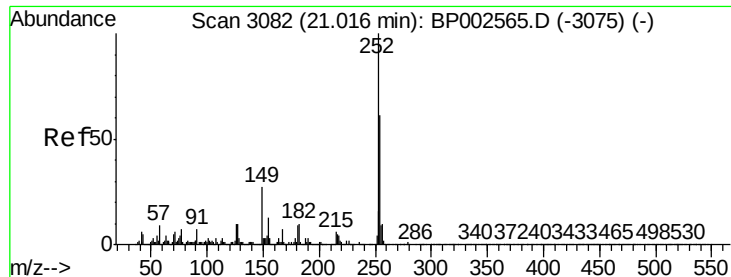
Tot Ion:149 Resp: 705016
Ion Ratio Lower Upper
149 100
91 72.0 59.8 89.6
206 23.1 18.2 27.4



#81
Benzo(a)anthracene
Concen: 48.030 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BP002577.D
Acq: 30 Jun 2020 16:20

Tgt Ion:228 Resp: 1662411
Ion Ratio Lower Upper
228 100
226 28.7 22.5 33.7
229 20.9 16.4 24.6

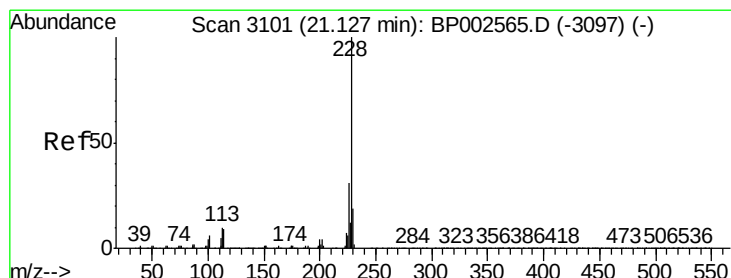
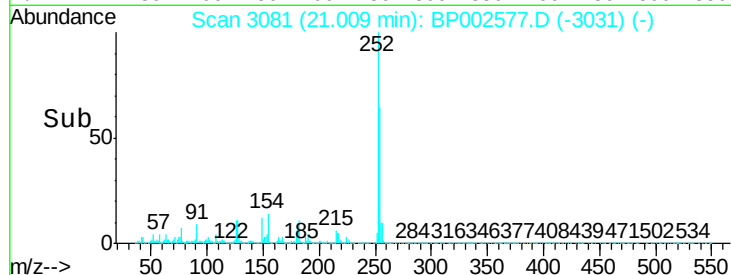
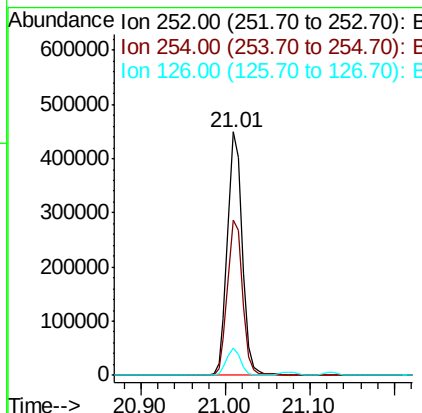
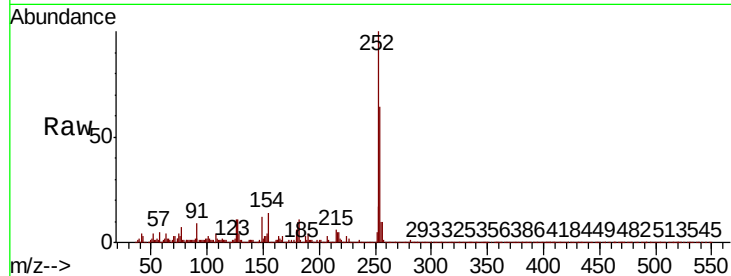




#82
 3,3'-Dichlorobenzidine
 Concen: 43.232 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

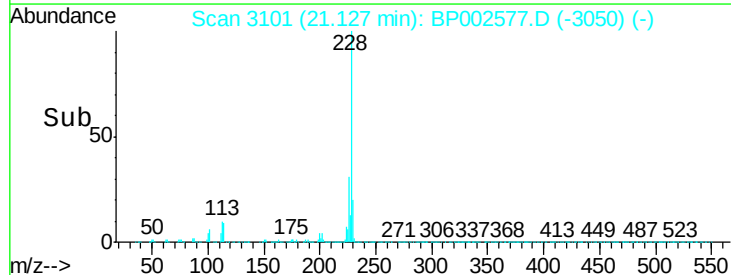
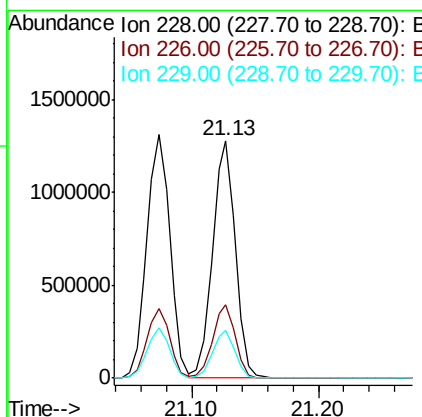
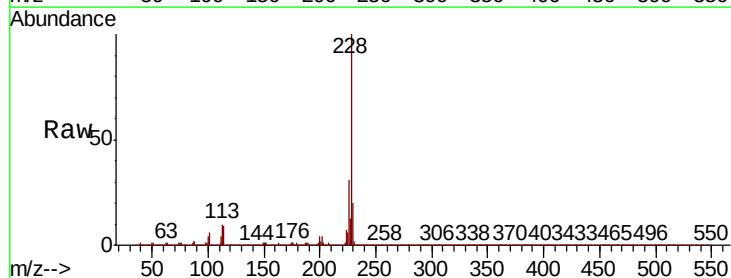
Instrument :
 BNA_P
 ClientSampleId :
 SP2-FMSD

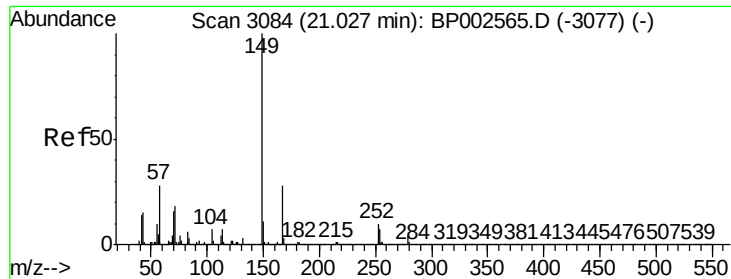
Tot Ion:252 Resp: 547820
 Ion Ratio Lower Upper
 252 100
 254 64.0 49.0 73.6
 126 11.4 7.9 11.9



#83
 Chrysene
 Concen: 48.315 ng
 RT: 21.13 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Tgt Ion:228 Resp: 1603558
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.6 37.0
 229 20.3 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.173 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

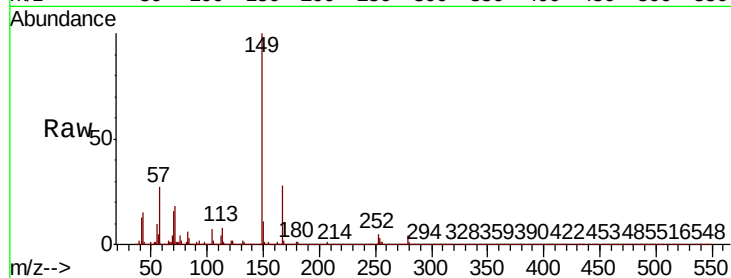
Tot Ion:149 Resp: 1020499

Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

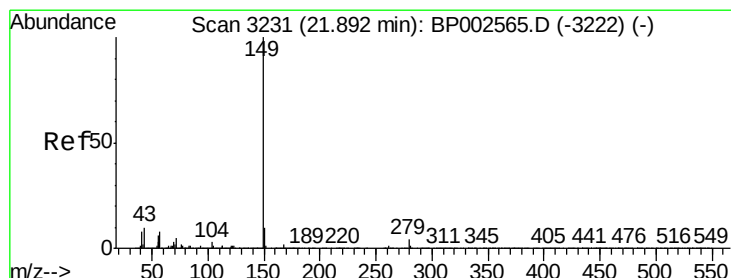
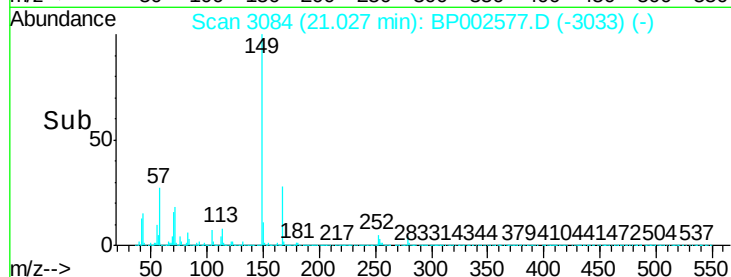
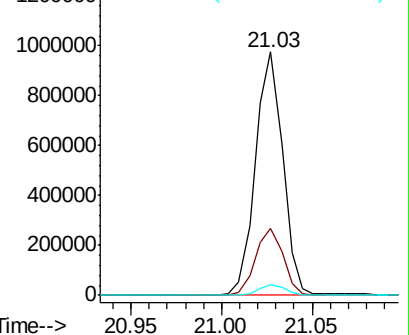
279 4.4 3.4 5.0



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: 48.990 ng

RT: 21.89 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

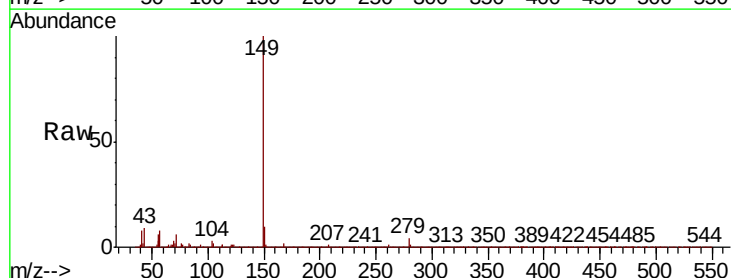
Tgt Ion:149 Resp: 1954718

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

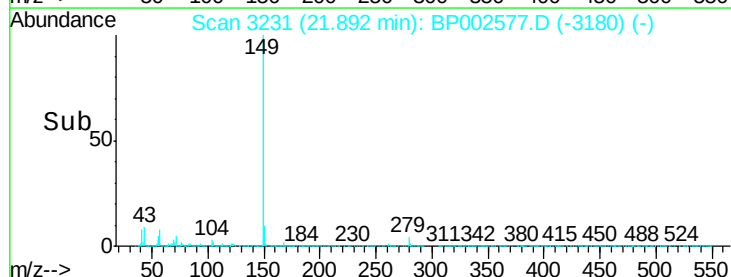
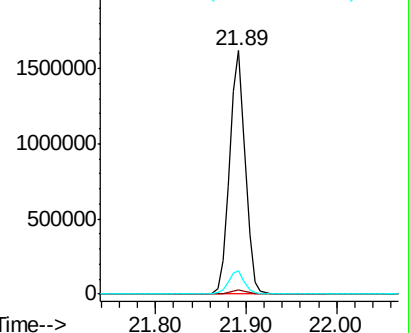
43 9.5 7.6 11.4

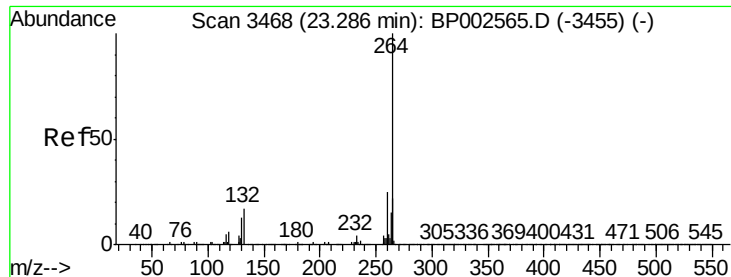


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



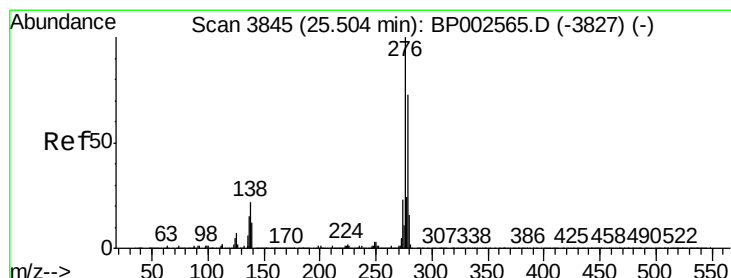
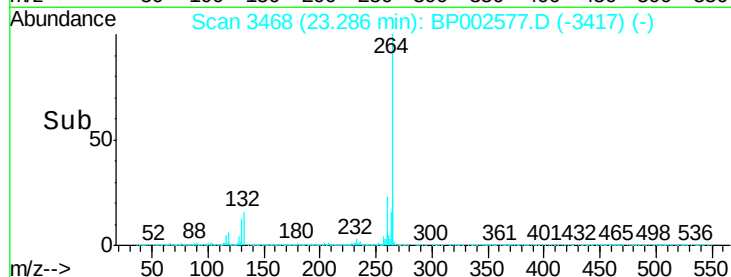
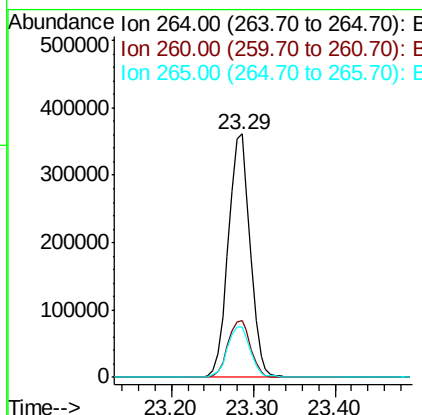
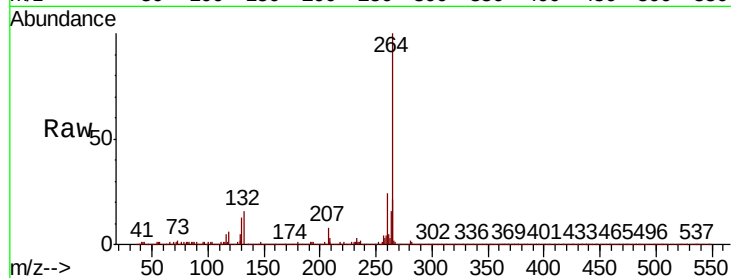


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3468
 Delta R.T. -0.00 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Instrument :
 BNA_P
 ClientSampleId :
 SP2-FMSD

Tot Ion:264 Resp: 673073

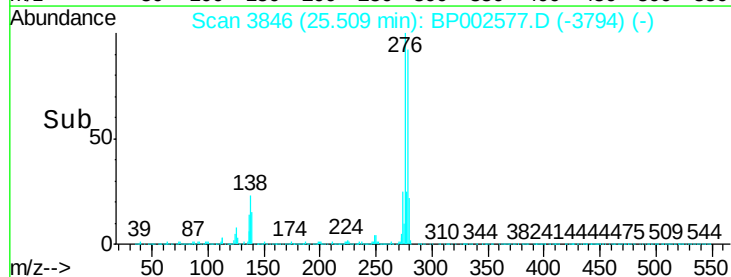
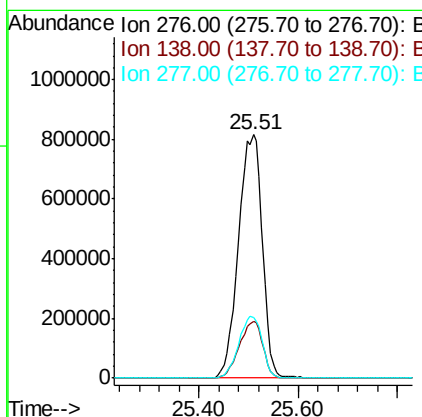
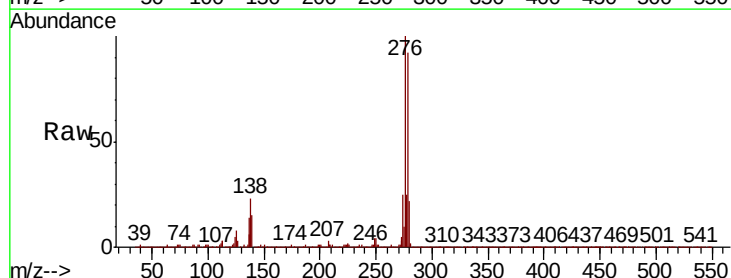
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	20.8	17.6	26.4

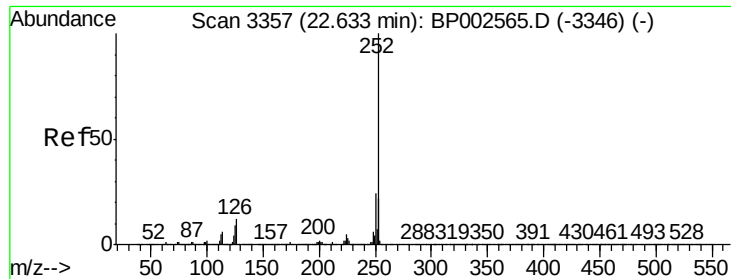


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.014 ng
 RT: 25.51 min Scan# 3846
 Delta R.T. 0.01 min
 Lab File: BP002577.D
 Acq: 30 Jun 2020 16:20

Tgt Ion:276 Resp: 2714560

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.6	27.8
277	25.1	20.1	30.1





#88

Benzo(b)fluoranthene

Concen: 47.128 ng

RT: 22.63 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

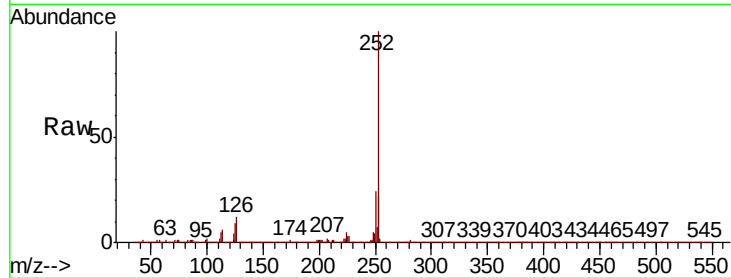
Tot Ion:252 Resp: 2024080

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

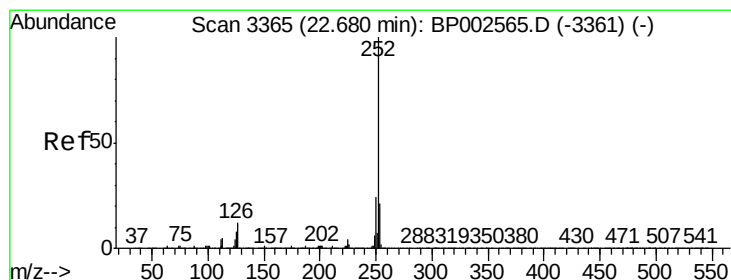
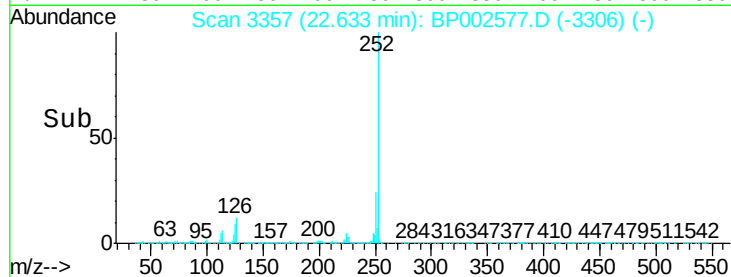
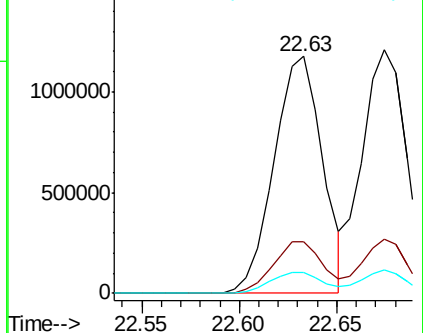
125 8.6 7.4 11.2



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



#89

Benzo(k)fluoranthene

Concen: 47.988 ng

RT: 22.67 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

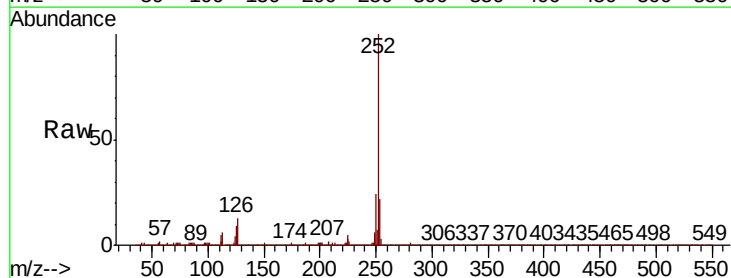
Tgt Ion:252 Resp: 1922703

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

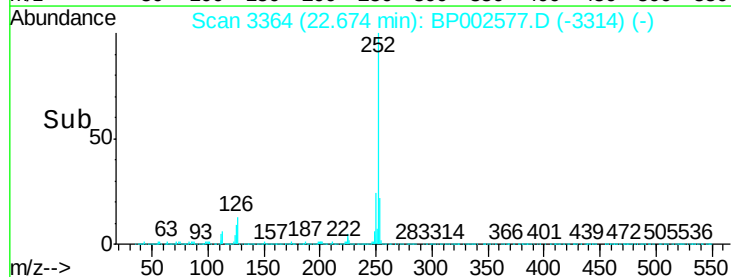
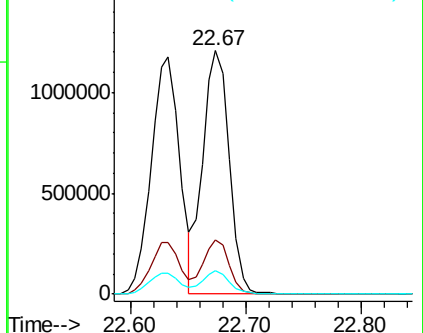
125 9.5 6.9 10.3

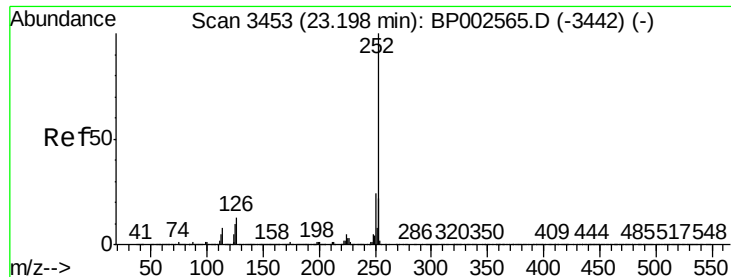


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 48.491 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

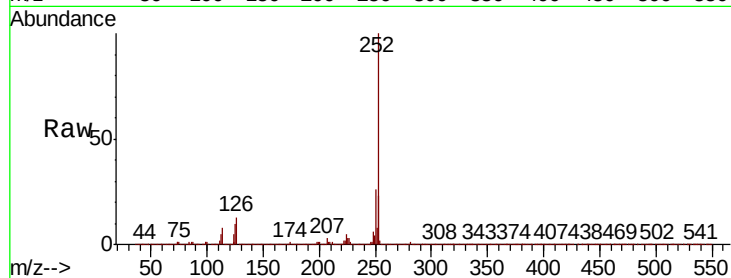
Tot Ion:252 Resp: 1911148

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

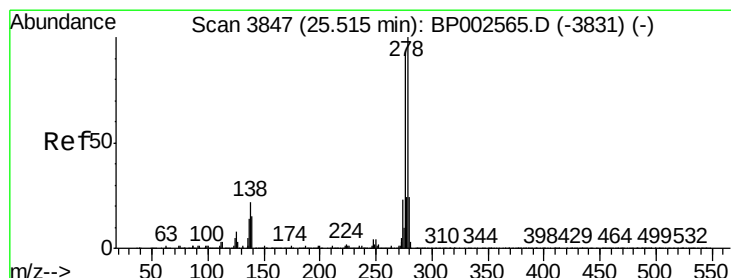
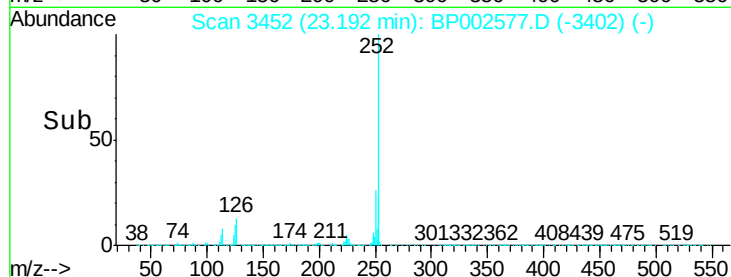
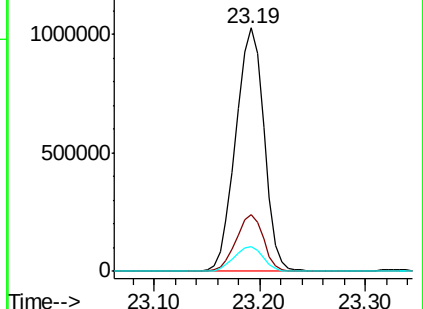
125 10.3 7.8 11.8



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: 55.410 ng

RT: 25.52 min Scan# 3848

Delta R.T. 0.01 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

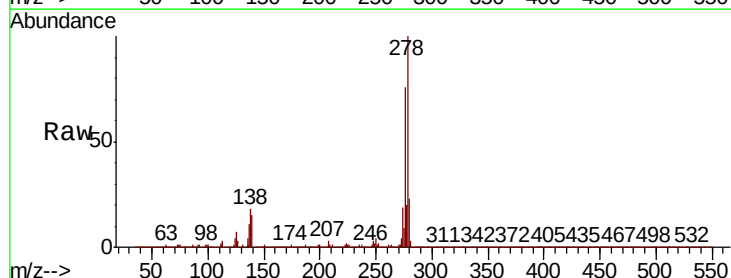
Tgt Ion:278 Resp: 2194249

Ion Ratio Lower Upper

278 100

139 14.6 12.2 18.2

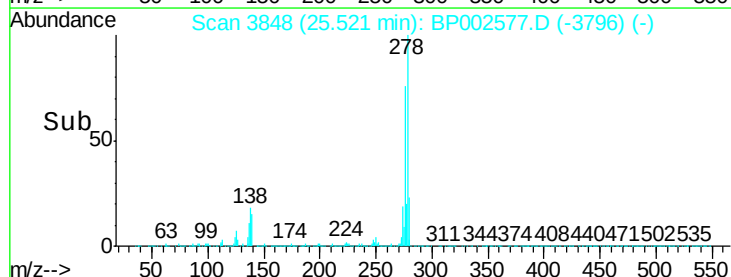
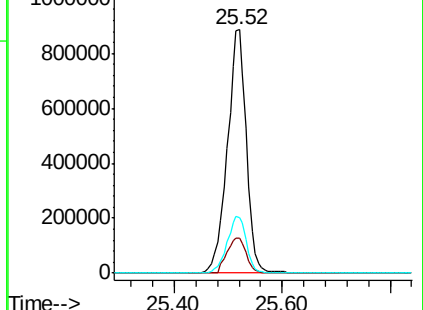
279 22.7 19.0 28.6

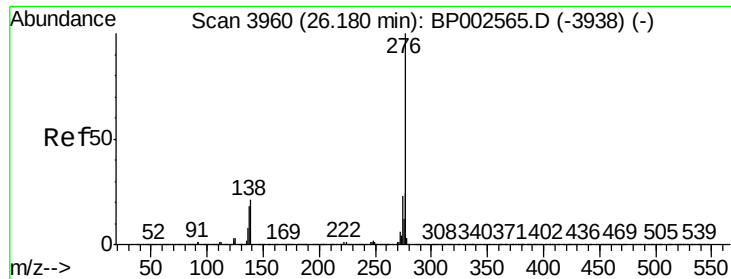


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 59.214 ng

RT: 26.18 min Scan# 3960

Delta R.T. -0.00 min

Lab File: BP002577.D

Acq: 30 Jun 2020 16:20

Instrument :

BNA_P

ClientSampleId :

SP2-FMSD

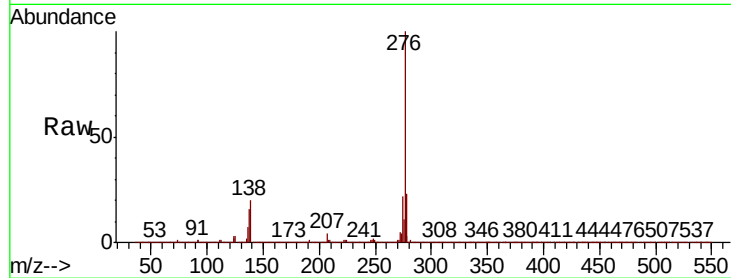
Tot Ion:276 Resp: 2345163

Ion Ratio Lower Upper

276 100

277 22.9 19.3 28.9

138 19.7 16.9 25.3



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

