

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
 Data File : BP002421.D
 Acq On : 17 Jun 2020 16:17
 Operator : CG/JU
 Sample : PB129590BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129590BS

Quant Time: Jun 17 17:55:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	144417	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	589223	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	350891	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	721499	20.00	ng	0.00
76) Chrysene-d12	21.10	240	679674	20.00	ng	-0.01
86) Perylene-d12	23.29	264	763829	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1147433	147.02	ng	0.00
7) Phenol-d6	6.78	99	1496661	144.04	ng	0.00
23) Nitrobenzene-d5	8.73	82	954929	96.78	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	456192	135.79	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1924921	92.24	ng	0.00
79) Terphenyl-d14	19.58	244	2667071	108.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	158144	43.989	ng	99
3) Pyridine	3.53	79	448459	45.896	ng	98
4) n-Nitrosodimethylamine	3.45	42	208971	51.897	ng	97
6) Aniline	6.92	93	623505	44.121	ng	99
8) 2-Chlorophenol	7.16	128	468688	53.409	ng	98
9) Benzaldehyde	6.73	77	254676	49.602	ng	100
10) Phenol	6.80	94	624548	55.418	ng	98
11) bis(2-Chloroethyl)ether	7.02	93	476561	50.648	ng	98
12) 1,3-Dichlorobenzene	7.48	146	485418	48.038	ng	99
13) 1,4-Dichlorobenzene	7.62	146	495616	48.749	ng	99
14) 1,2-Dichlorobenzene	7.93	146	470025	48.263	ng	99
15) Benzyl Alcohol	7.83	79	401887	49.901	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	656874	49.202	ng	98
17) 2-Methylphenol	8.04	107	403060	48.945	ng	99
18) Hexachloroethane	8.66	117	184222	49.739	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	357893	51.528	ng	99
20) 3+4-Methylphenols	8.36	107	546418	49.165	ng	98
22) Acetophenone	8.40	105	674154	50.927	ng	98
24) Nitrobenzene	8.78	77	549291	51.790	ng	99
25) Isophorone	9.30	82	1001939	49.860	ng	100
26) 2-Nitrophenol	9.48	139	241324	51.062	ng	98
27) 2,4-Dimethylphenol	9.56	122	411303	55.475	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	636307	53.161	ng	100
29) 2,4-Dichlorophenol	10.02	162	435970	52.237	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	456788	49.100	ng	100
31) Naphthalene	10.41	128	1394743	50.952	ng	99
32) Benzoic acid	9.70	122	205307	34.969	ng	97
33) 4-Chloroaniline	10.52	127	293940	24.597	ng	99
34) Hexachlorobutadiene	10.71	225	257356	47.404	ng	97
35) Caprolactam	11.28	113	77227	26.235	ng	90
36) 4-Chloro-3-methylphenol	11.66	107	472240	52.294	ng	99
37) 2-Methylnaphthalene	12.03	142	993857	51.152	ng	99
38) 1-Methylnaphthalene	12.25	142	940164	51.554	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	466084	50.389	ng	99

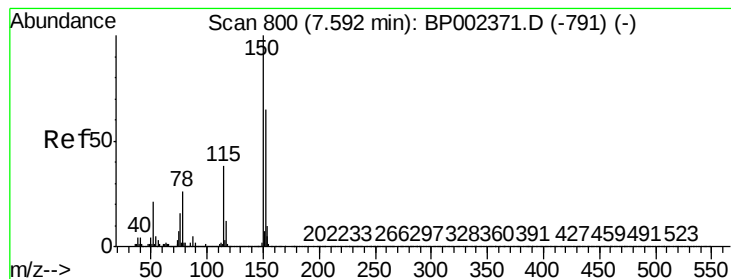
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	581099	118.170	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	332731	50.829	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	358177	47.252	ng	100
46) 1,1'-Biphenyl	13.06	154	1209937	52.613	ng	100
47) 2-Chloronaphthalene	13.10	162	951760	50.596	ng	98
48) 2-Nitroaniline	13.30	65	309222	51.494	ng	98
49) Acenaphthylene	13.95	152	1527514	50.877	ng	100
50) Dimethylphthalate	13.70	163	1181636	49.147	ng	100
51) 2,6-Dinitrotoluene	13.81	165	261661	50.113	ng	95
52) Acenaphthene	14.30	154	897778	51.044	ng	99
53) 3-Nitroaniline	14.14	138	175492	29.434	ng	100
54) 2,4-Dinitrophenol	14.35	184	275160	89.069	ng	97
55) Dibenzofuran	14.64	168	1428184	50.434	ng	99
56) 4-Nitrophenol	14.46	139	460732	97.326	ng	94
57) 2,4-Dinitrotoluene	14.60	165	351626	49.474	ng	96
58) Fluorene	15.29	166	1058441	47.520	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	311181	51.716	ng	99
60) Diethylphthalate	15.08	149	1157487	48.047	ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	532447	50.655	ng	98
62) 4-Nitroaniline	15.31	138	265938	46.422	ng	99
63) Azobenzene	15.59	77	1269133	52.925	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	199741	52.463	ng	94
66) n-Nitrosodiphenylamine	15.51	169	996753	54.080	ng	98
67) 4-Bromophenyl-phenylether	16.19	248	340175	49.771	ng	99
68) Hexachlorobenzene	16.30	284	374500	51.636	ng	96
69) Atrazine	16.47	200	315977	52.553	ng	100
70) Pentachlorophenol	16.65	266	443481	102.205	ng	98
71) Phenanthrene	17.03	178	1761748	52.200	ng	100
72) Anthracene	17.13	178	1803211	53.783	ng	99
73) Carbazole	17.40	167	1664217	50.458	ng	99
74) Di-n-butylphthalate	17.98	149	1964584	50.333	ng	99
75) Fluoranthene	19.02	202	2065927	51.281	ng	99
77) Benzidine	19.20	184	1148473	75.620	ng	100
78) Pyrene	19.37	202	2107147	50.613	ng	99
80) Butylbenzylphthalate	20.26	149	856692	46.291	ng	96
81) Benzo(a)anthracene	21.08	228	1975276	50.915	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	508873	35.295	ng	99
83) Chrysene	21.13	228	1892615	51.491	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1307753	48.578	ng	98
85) Di-n-octyl phthalate	21.90	149	2245701	47.561	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	2578861	53.979	ng	99
88) Benzo(b)fluoranthene	22.64	252	2108480	51.188	ng	99
89) Benzo(k)fluoranthene	22.68	252	2144746	54.800	ng	99
90) Benzo(a)pyrene	23.20	252	1987670	51.492	ng	99
91) Dibenzo(a,h)anthracene	25.52	278	2130978	55.606	ng	99
92) Benzo(g,h,i)perylene	26.18	276	2148624	54.134	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002421.D

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ClientSampleId :

PB129590BS

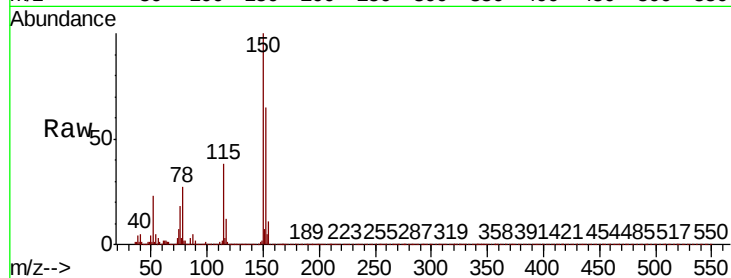
Tot Ion:152 Resp: 144417

Ion Ratio Lower Upper

152 100

150 154.1 124.0 186.0

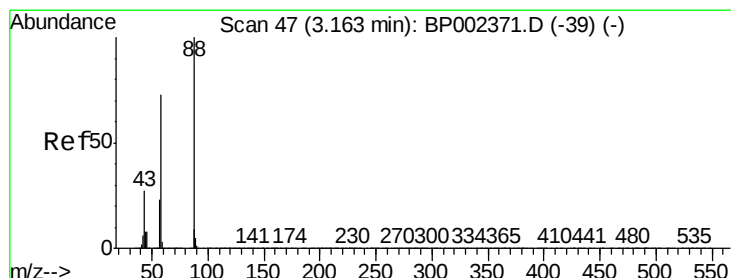
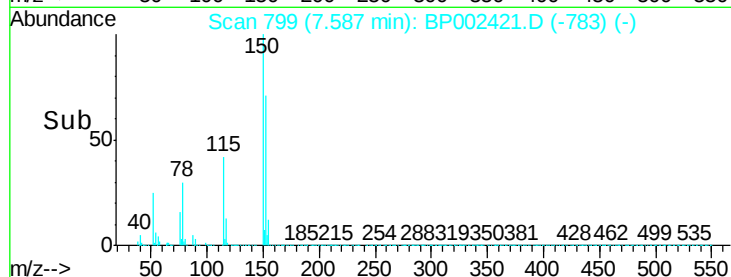
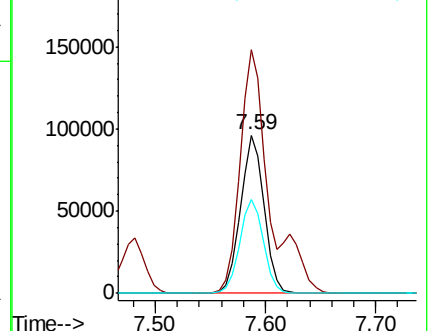
115 59.3 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.989 ng

RT: 3.16 min Scan# 46

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

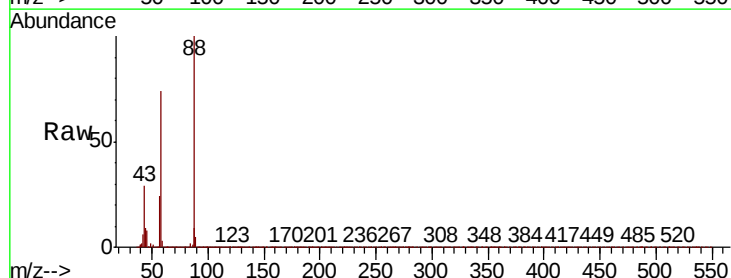
Tgt Ion: 88 Resp: 158144

Ion Ratio Lower Upper

88 100

58 72.4 58.2 87.4

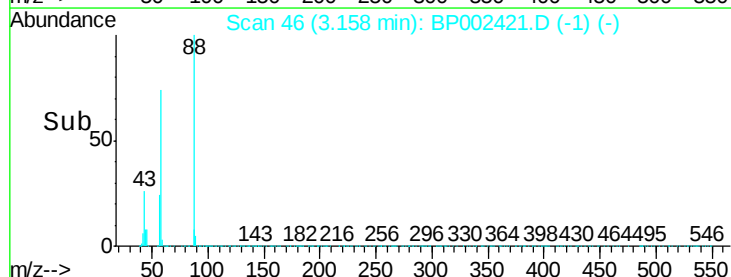
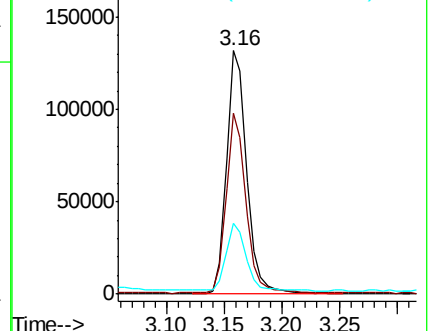
43 28.3 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 45.896 ng

RT: 3.53 min Scan# 110

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

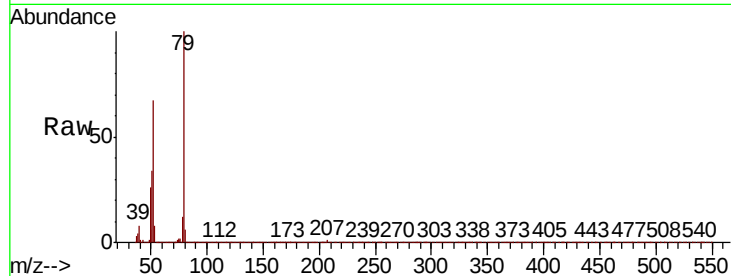
Tot Ion: 79 Resp: 448459

Ion Ratio Lower Upper

79 100

52 67.3 52.5 78.7

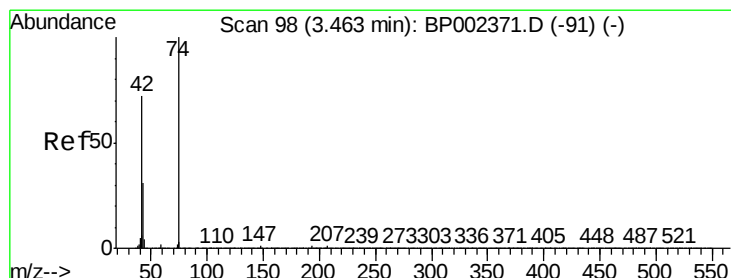
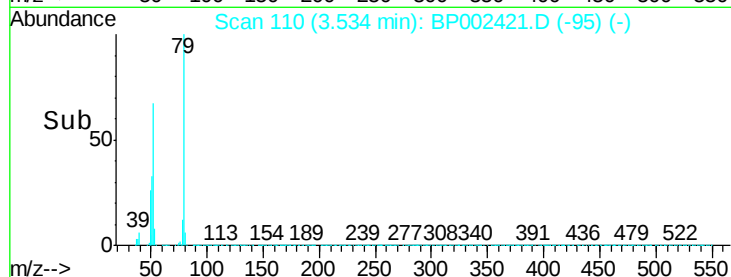
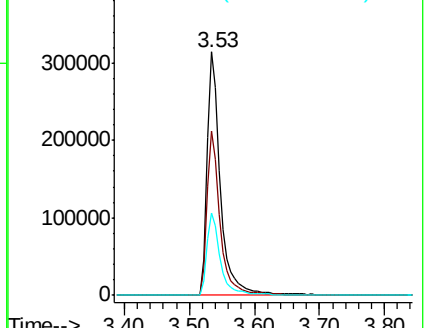
51 33.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 51.897 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

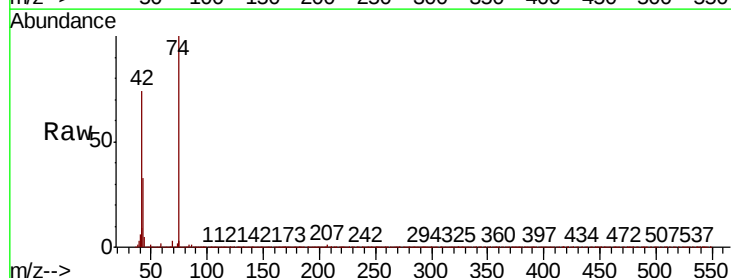
Tgt Ion: 42 Resp: 208971

Ion Ratio Lower Upper

42 100

74 135.5 111.1 166.7

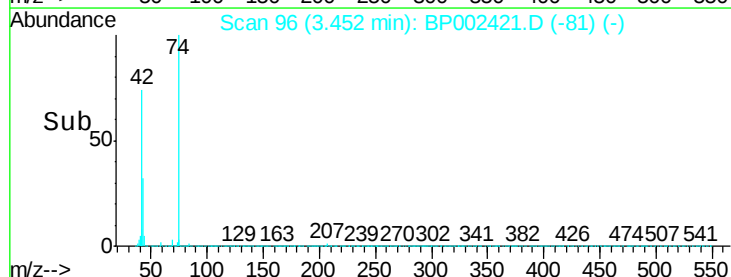
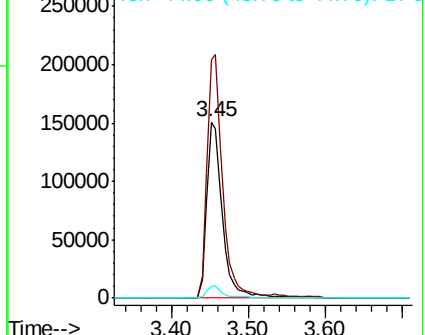
44 6.7 5.4 8.0

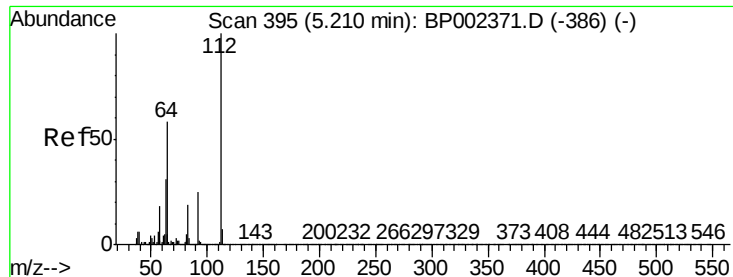


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 147.020 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

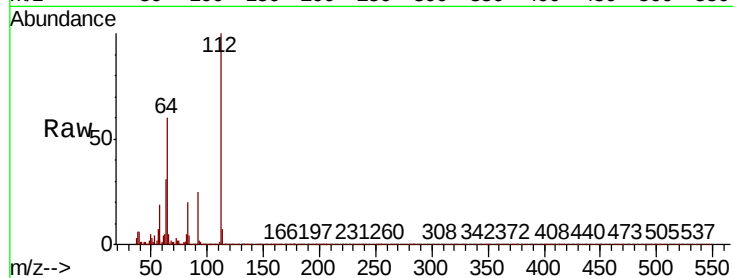
Tot Ion:112 Resp: 1147433

Ion Ratio Lower Upper

112 100

64 59.6 46.2 69.2

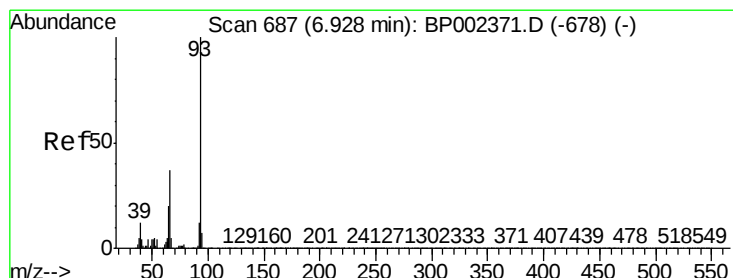
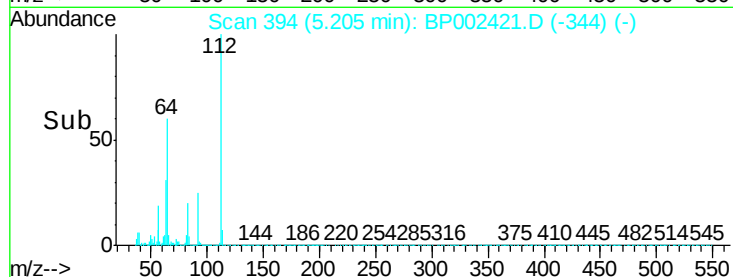
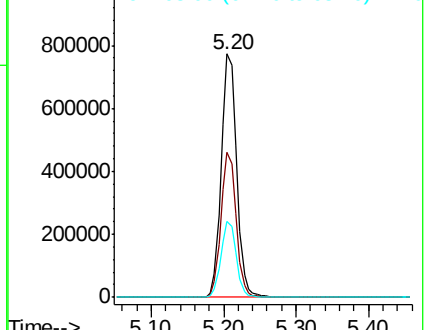
63 31.3 24.5 36.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 44.121 ng

RT: 6.92 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

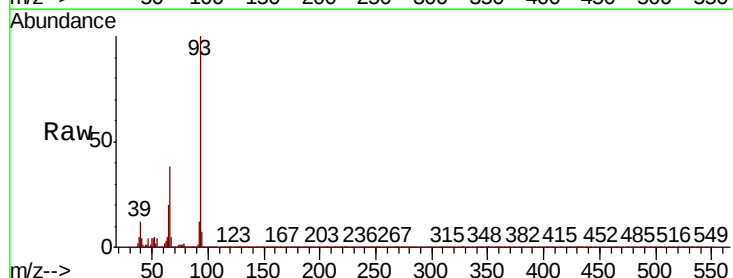
Tgt Ion: 93 Resp: 623505

Ion Ratio Lower Upper

93 100

66 38.0 29.8 44.6

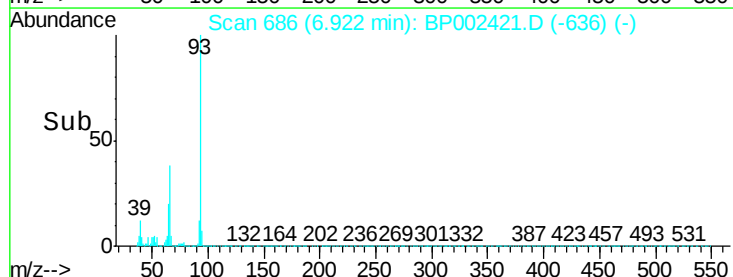
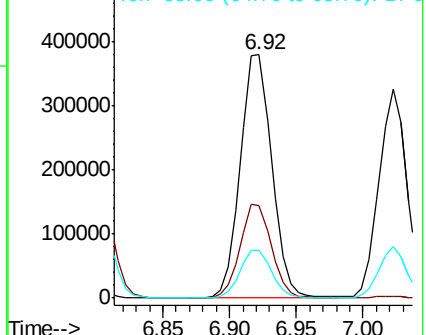
65 19.6 15.7 23.5

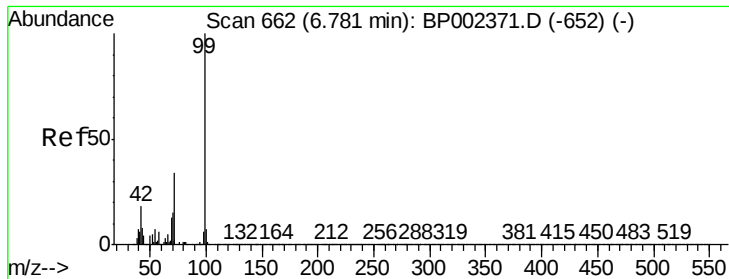


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 144.035 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002421.D

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BNA_P

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PB129590BS

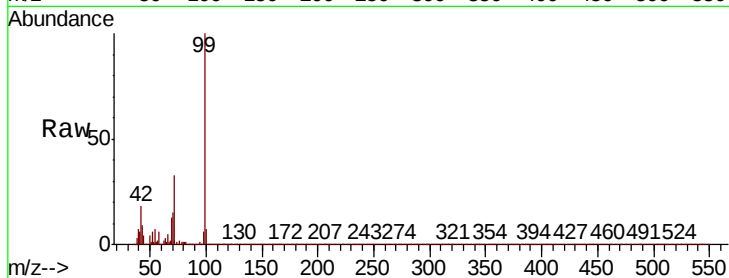
Tot Ion: 99 Resp: 1496661

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	22.0
71	33.3	27.2	40.8

99 100

42 18.0 14.6 22.0

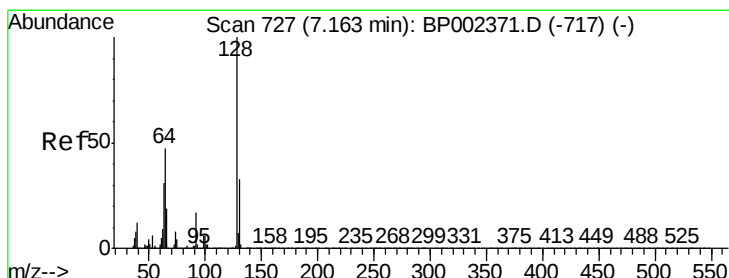
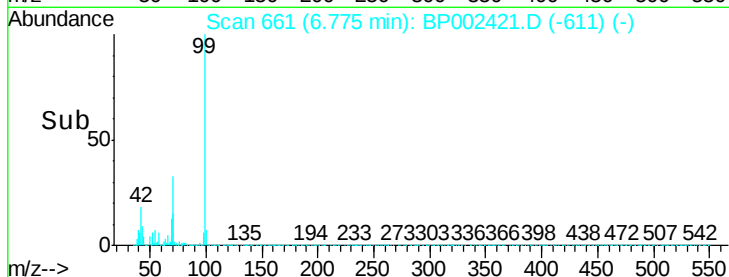
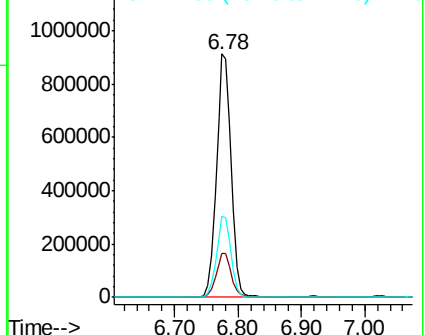
71 33.3 27.2 40.8



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: 53.409 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

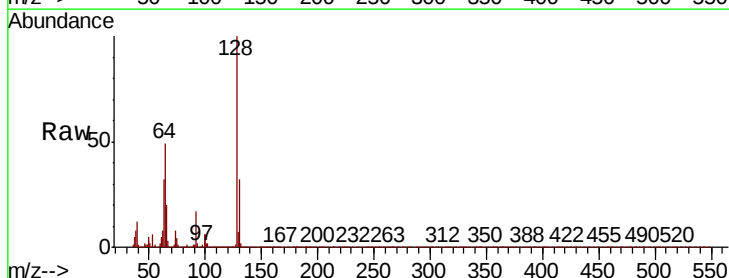
Tgt Ion: 128 Resp: 468688

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	49.3	27.7	67.7

128 100

130 32.3 12.5 52.5

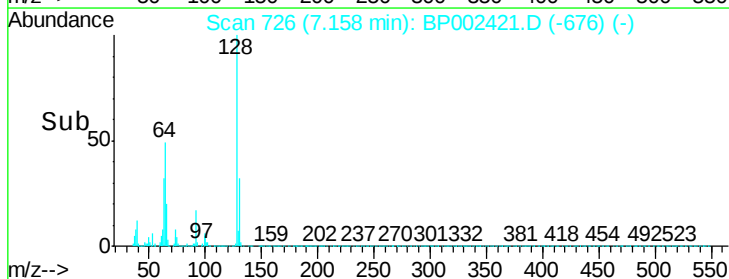
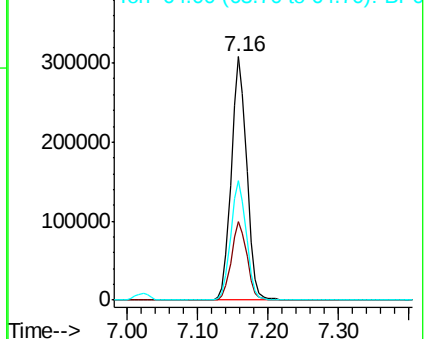
64 49.3 27.7 67.7

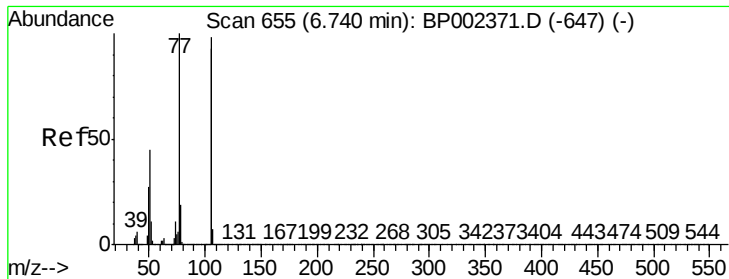


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 49.602 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BP002421.D

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Instrument :

BNA_P

ClientSampleId :

PB129590BS

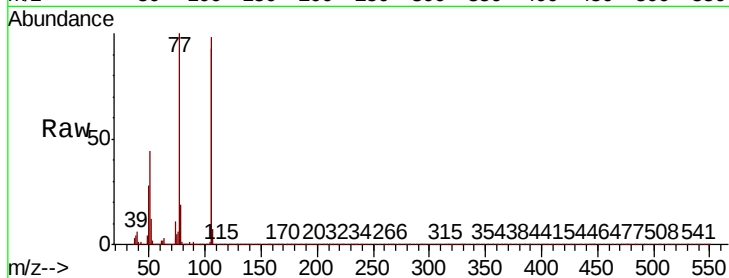
Tot Ion: 77 Resp: 254676

Ion Ratio Lower Upper

77 100

105 97.6 78.1 118.1

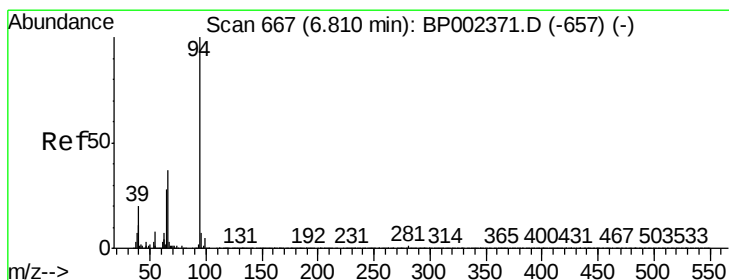
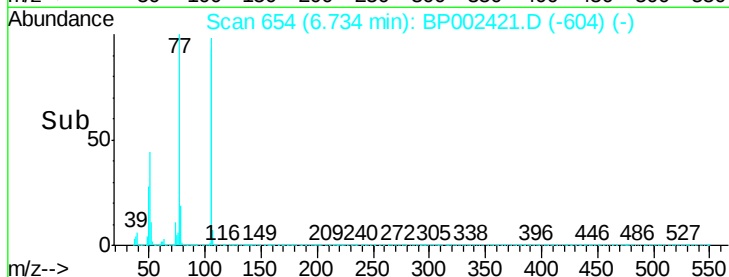
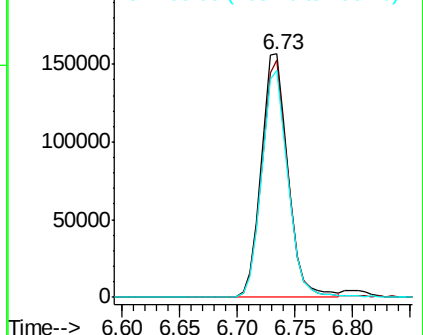
106 93.2 73.2 113.2



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 55.418 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

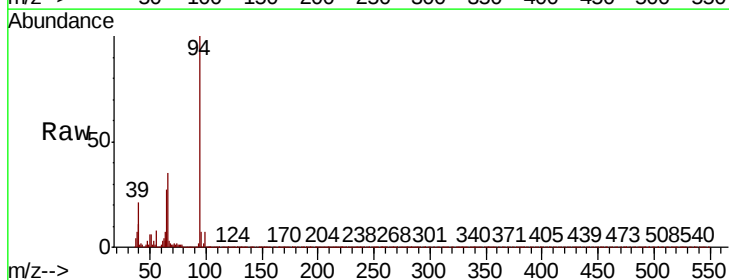
Tgt Ion: 94 Resp: 624548

Ion Ratio Lower Upper

94 100

65 27.4 7.7 47.7

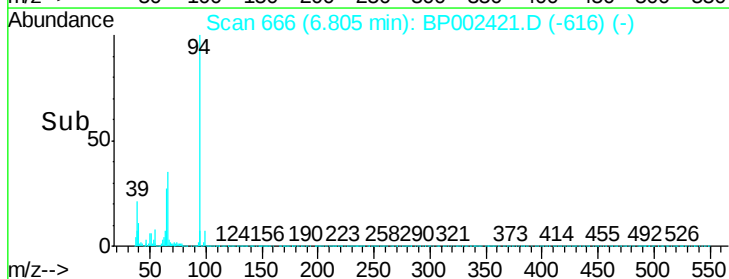
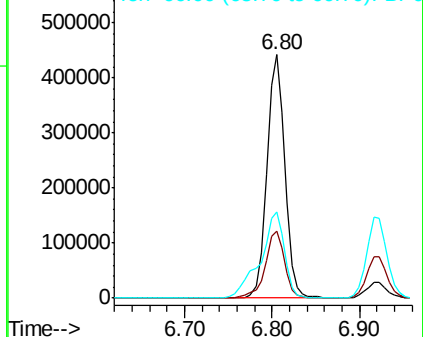
66 35.3 16.9 56.9

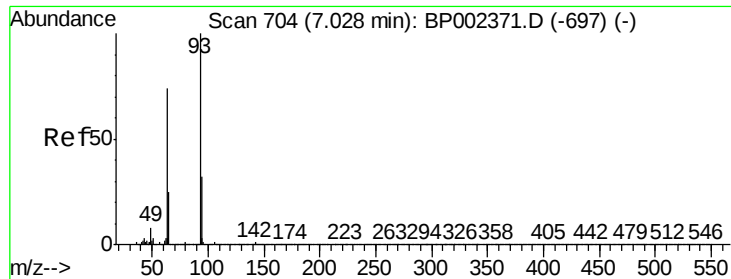


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

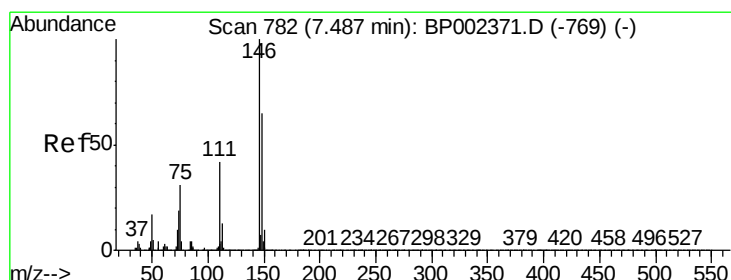
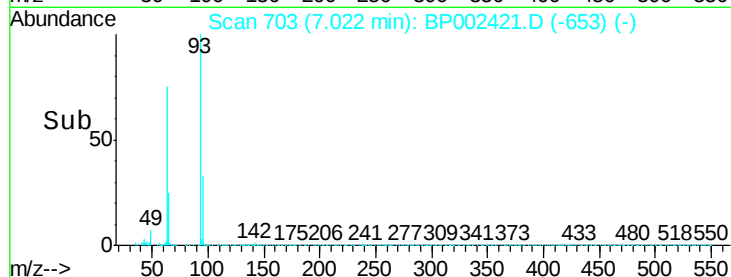
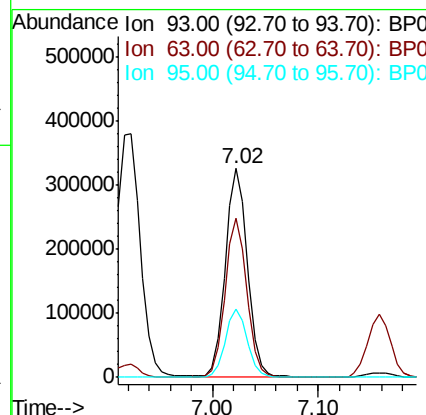
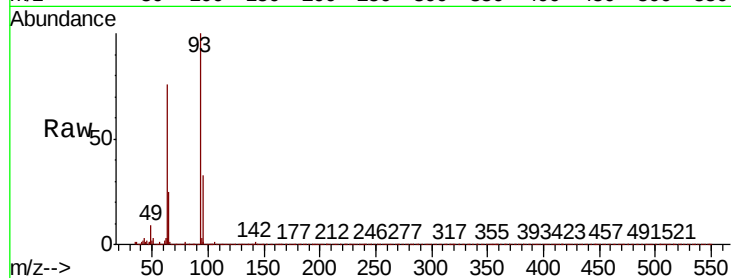




#11
bis(2-Chloroethyl)ether
Concen: 50.648 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

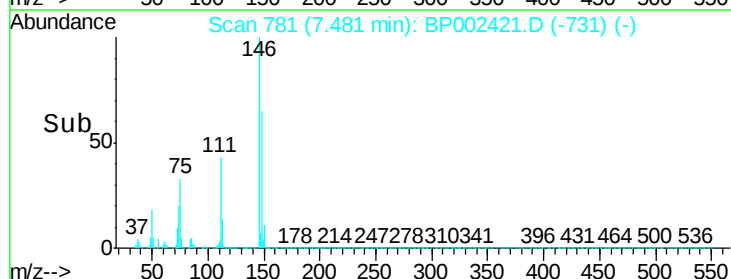
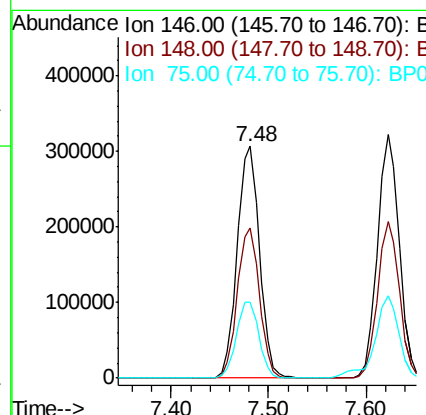
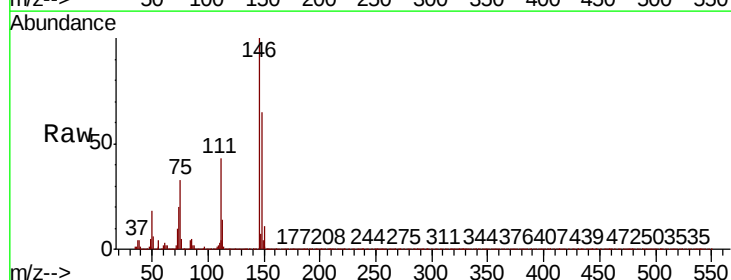
Instrument :
BNA_P
ClientSampleId :
PB129590BS

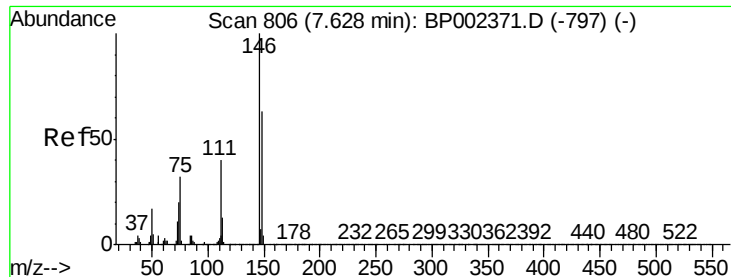
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	54.2	94.2
95	32.8	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 48.038 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
75	32.8	25.0	37.4

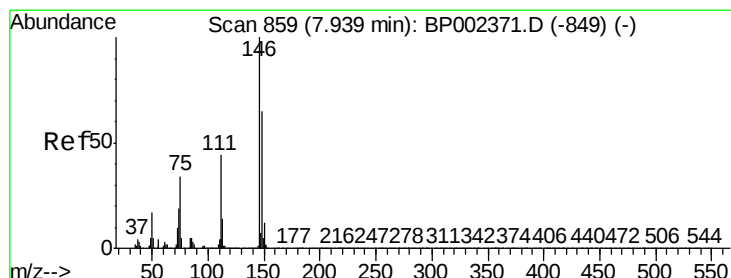
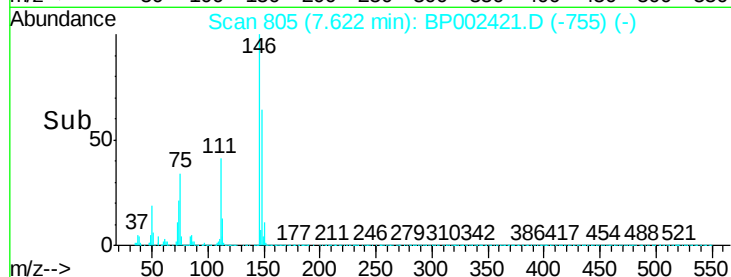
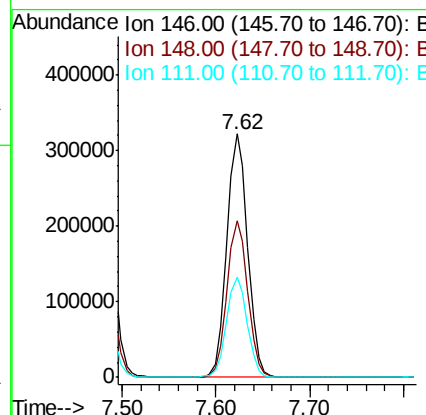
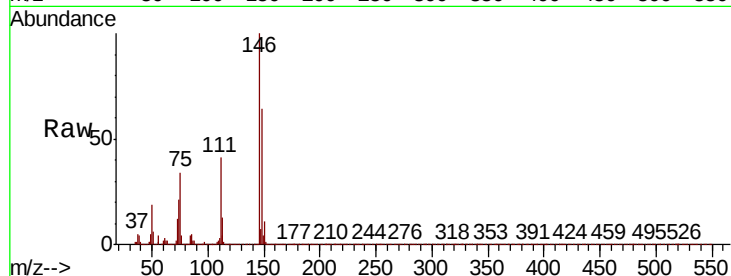




#13
1,4-Dichlorobenzene
Concen: 48.749 ng
RT: 7.62 min Scan# 805
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

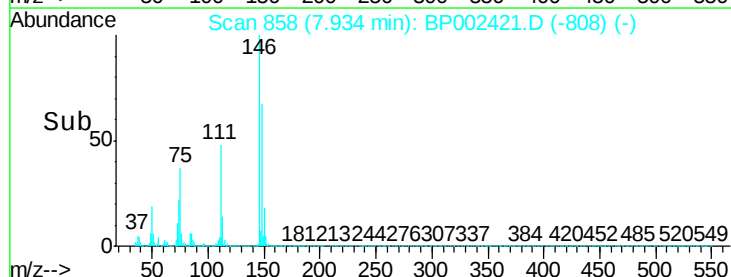
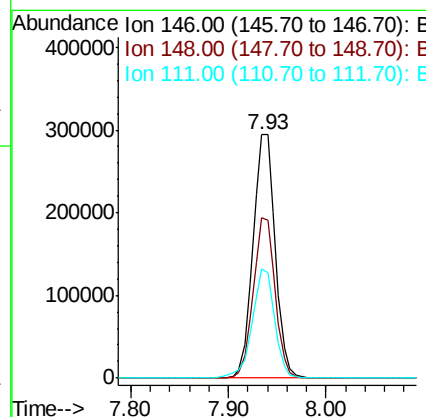
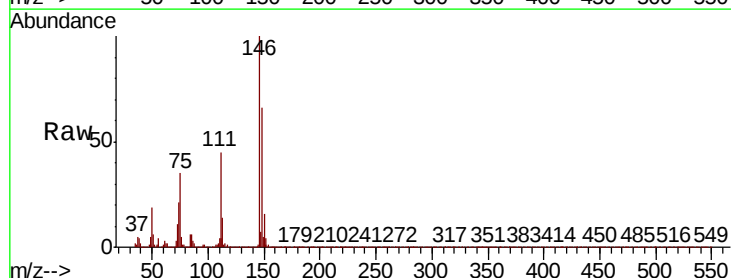
Instrument :
BNA_P
ClientSampleId :
PB129590BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	41.4	32.2	48.2



#14
1,2-Dichlorobenzene
Concen: 48.263 ng
RT: 7.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.6
111	45.0	35.4	53.2

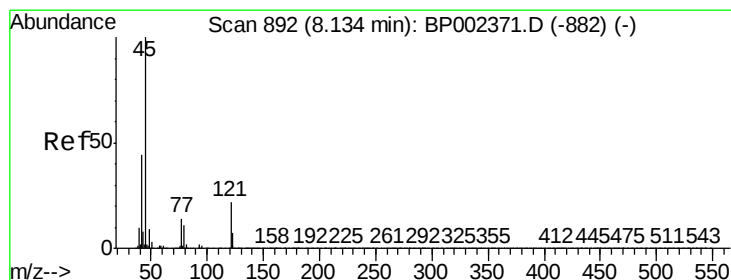
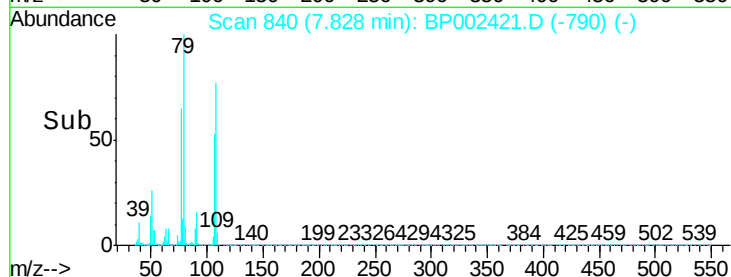
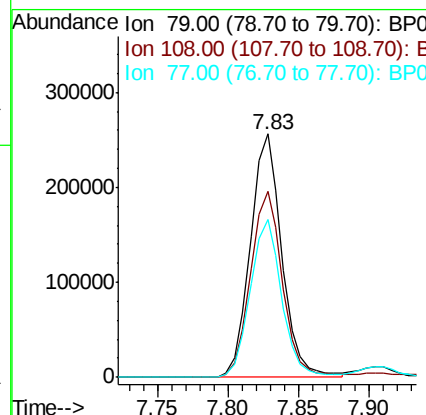
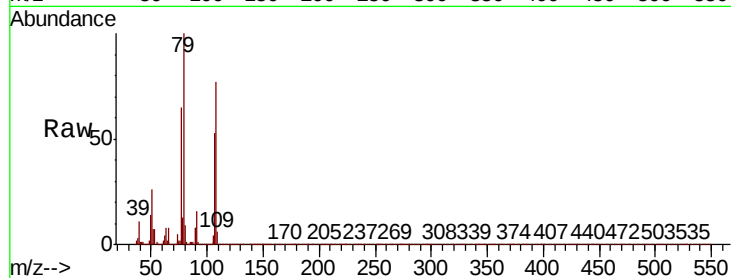




#15
Benzyl Alcohol
Concen: 49.901 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

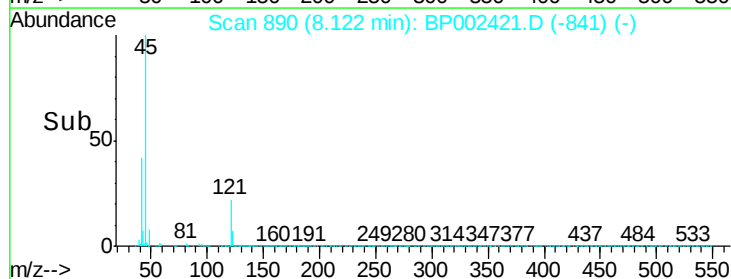
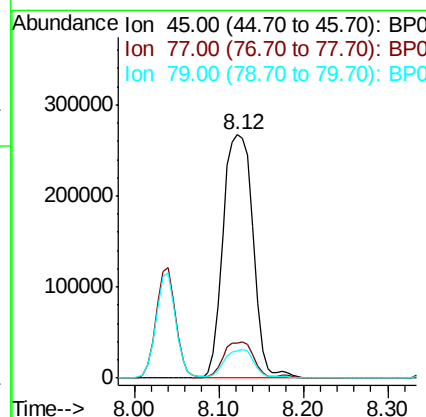
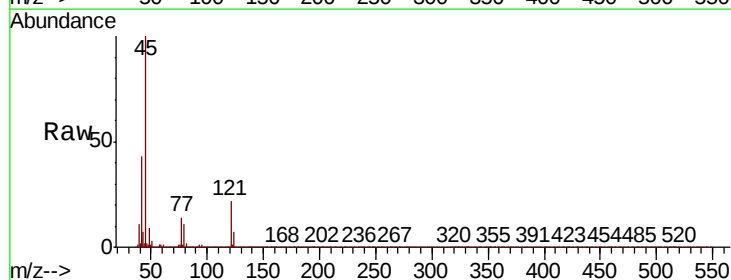
Instrument :
BNA_P
ClientSampleId :
PB129590BS

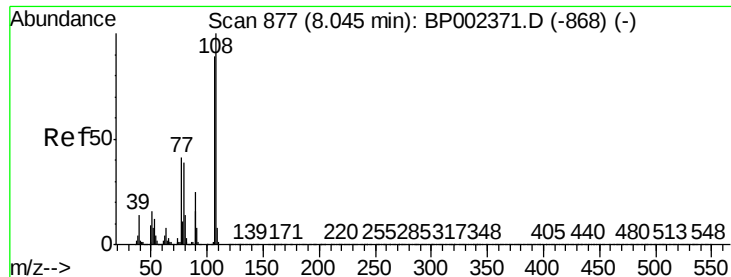
Tot Ion:	79	Resp:	401887
Ion	Ratio	Lower	Upper
79	100		
108	76.6	62.6	94.0
77	65.0	51.5	77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.202 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:	45	Resp:	656874
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	35.0
79	11.1	0.0	32.0





#17

2-Methylphenol

Concen: 48.945 ng

RT: 8.04 min Scan# 876

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

Tot Ion:107 Resp: 403060

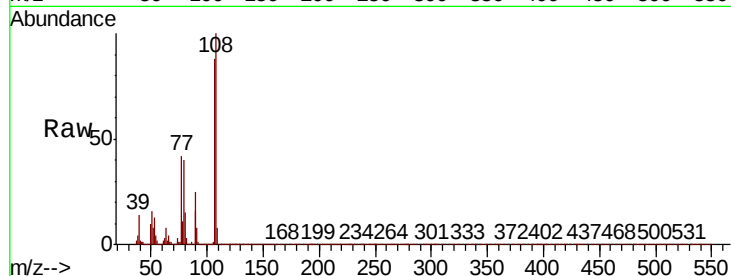
Ion Ratio Lower Upper

107 100

108 113.5 90.3 135.5

77 47.9 37.1 55.7

79 45.5 35.8 53.6



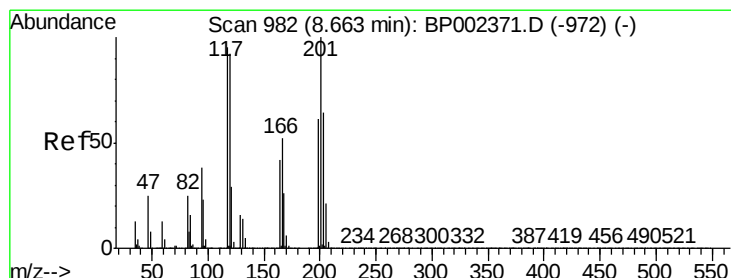
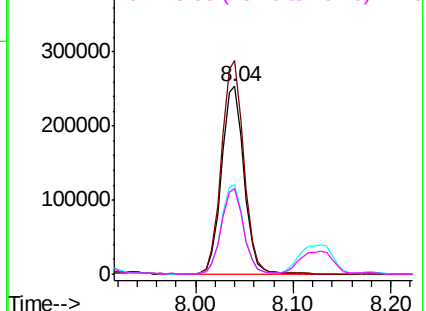
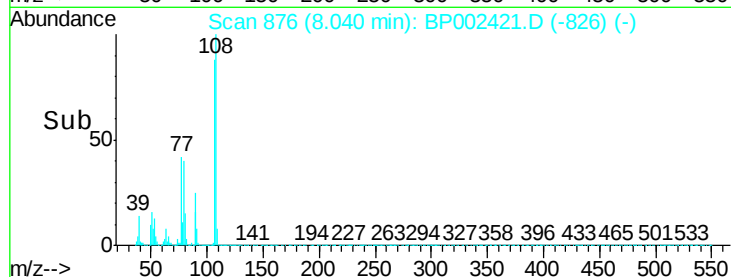
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 49.739 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

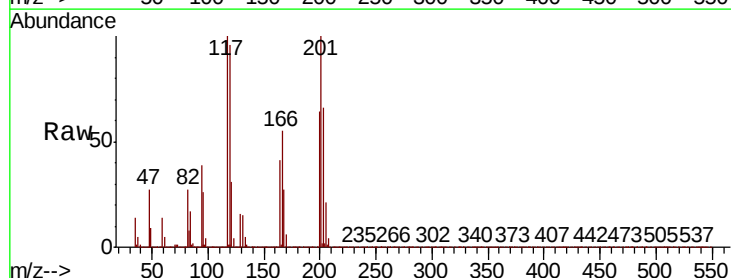
Tgt Ion:117 Resp: 184222

Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.8

201 99.7 84.2 126.4

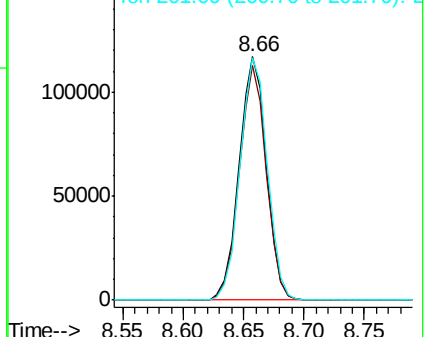
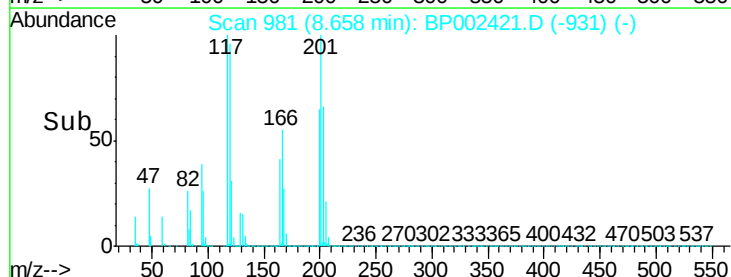


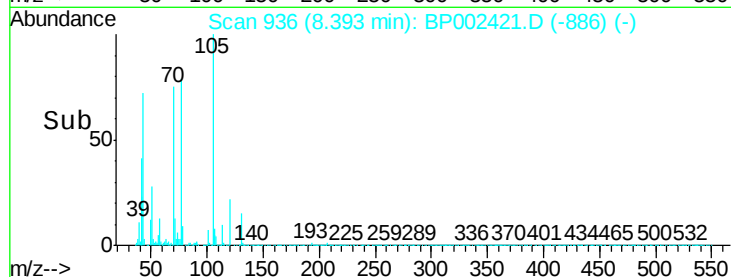
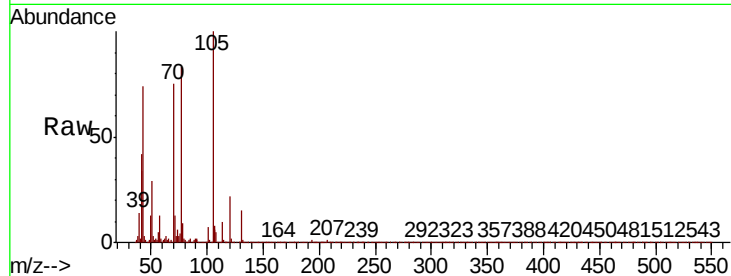
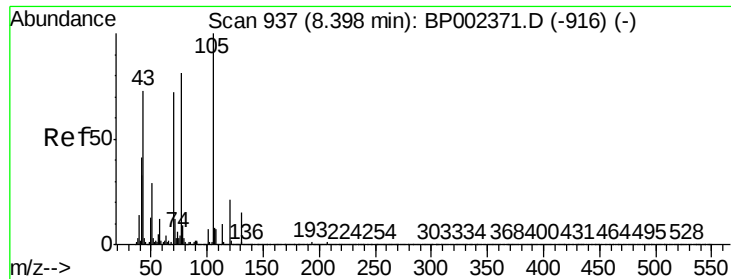
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

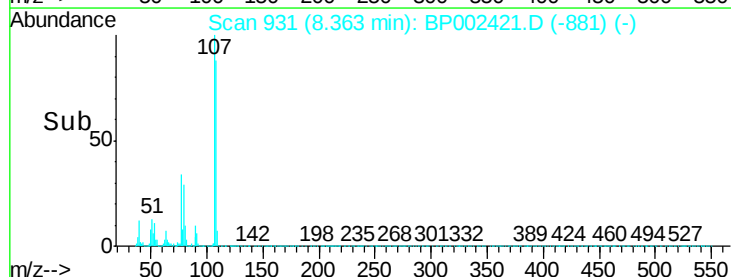
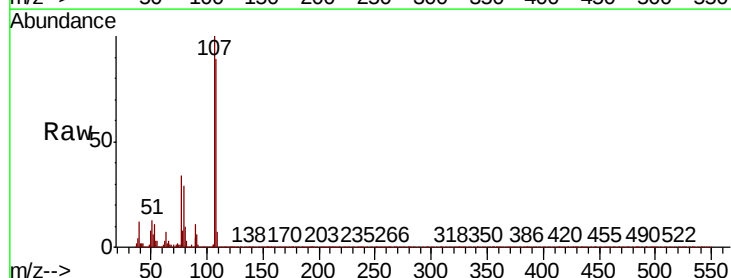
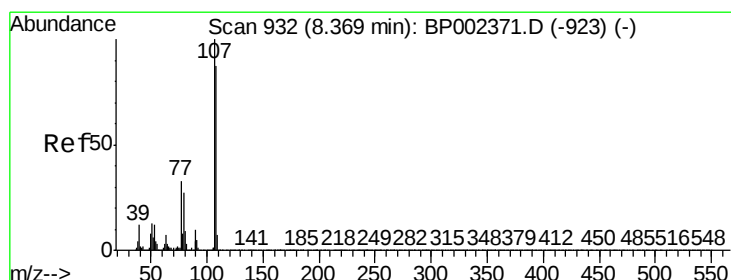
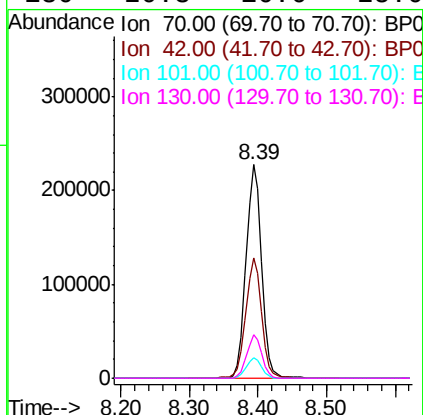




#19
n-Nitroso-di-n-propylamine
Concen: 51.528 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

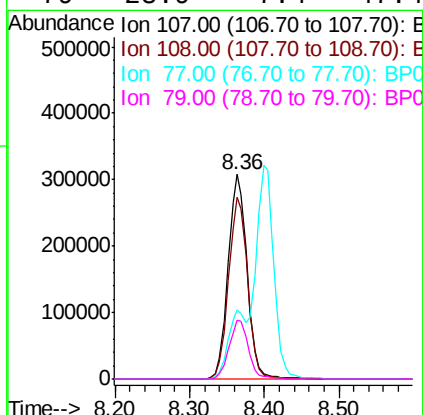
Instrument :
BNA_P
ClientSampleId :
PB129590BS

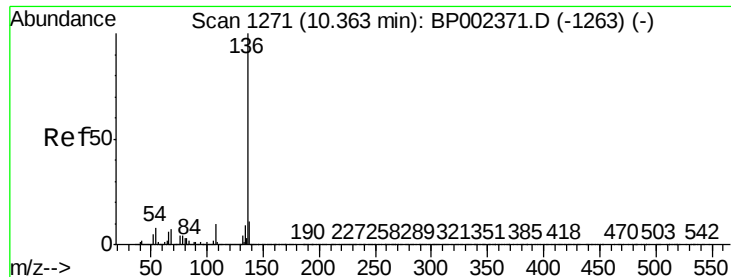
Tot Ion:	70	Resp:	357893
Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.7	68.5
101	9.7	7.5	11.3
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 49.165 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:	107	Resp:	546418
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.5	107.5
77	33.8	13.5	53.5
79	28.9	7.4	47.4

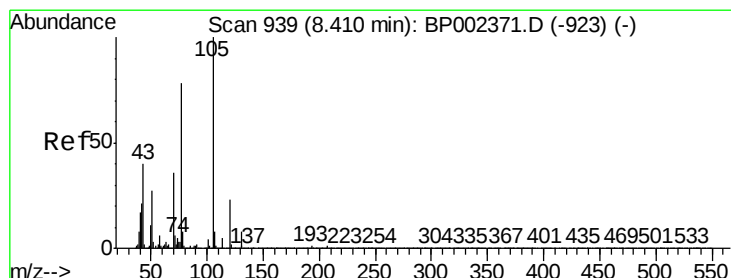
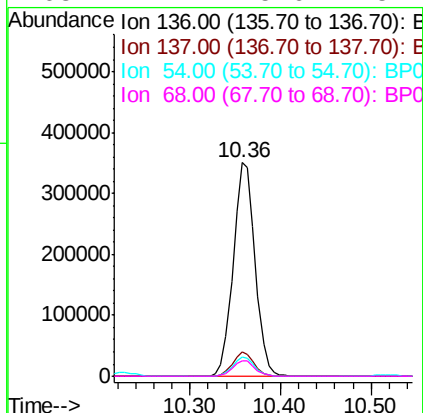
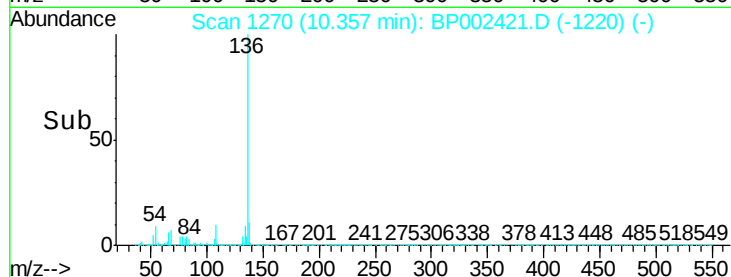
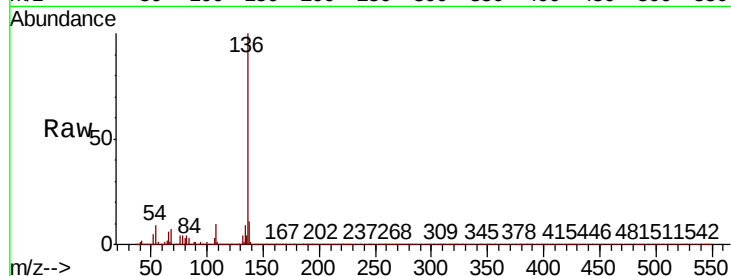




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

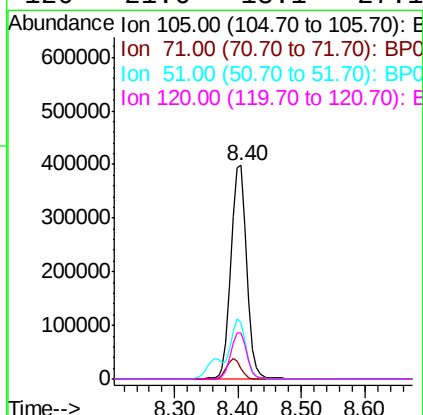
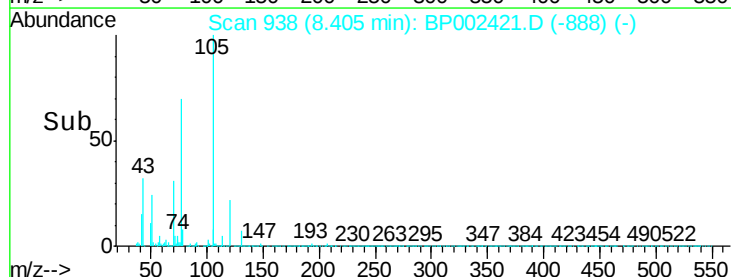
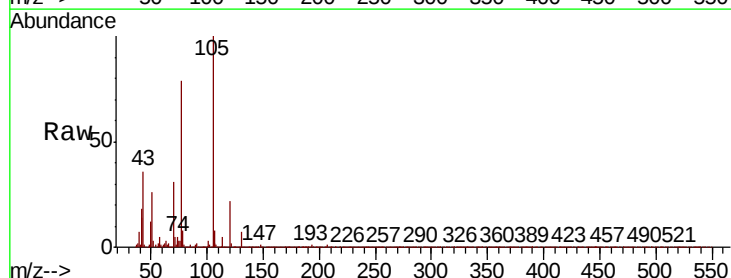
Instrument :
BNA_P
ClientSampleId :
PB129590BS

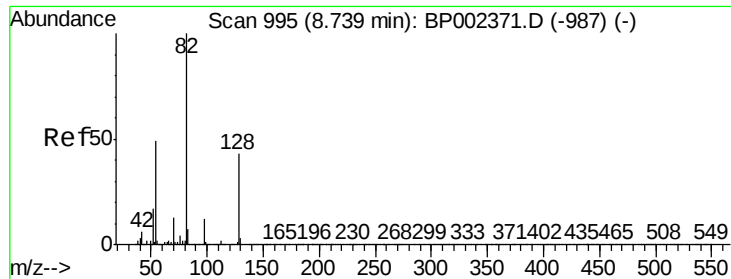
Tot Ion:136	Resp: 589223
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 8.8	6.4 9.6
68 7.4	5.6 8.4



#22
Acetophenone
Concen: 50.927 ng
RT: 8.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt	Ion:105	Resp:	674154
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.7	7.1
51	26.3	21.4	32.0
120	21.6	18.1	27.1

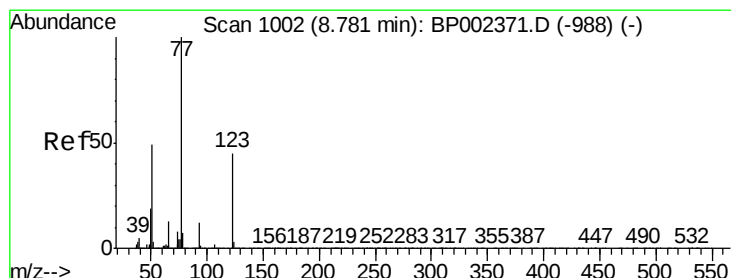
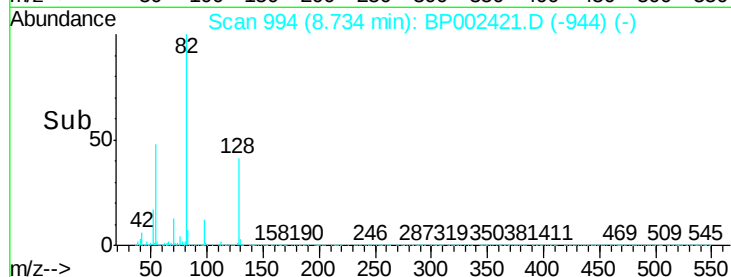
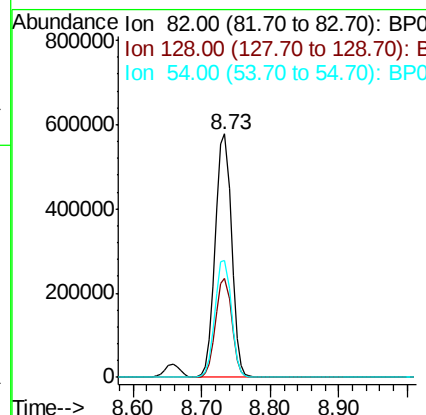
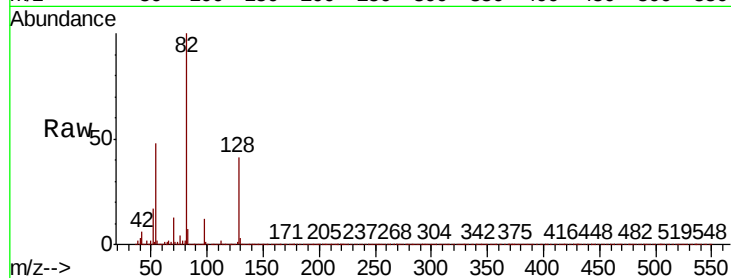




#23
Nitrobenzene-d5
Concen: 96.784 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

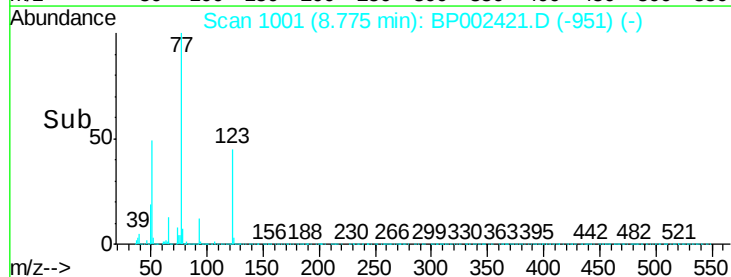
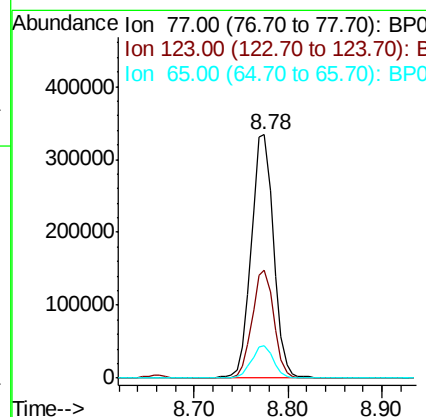
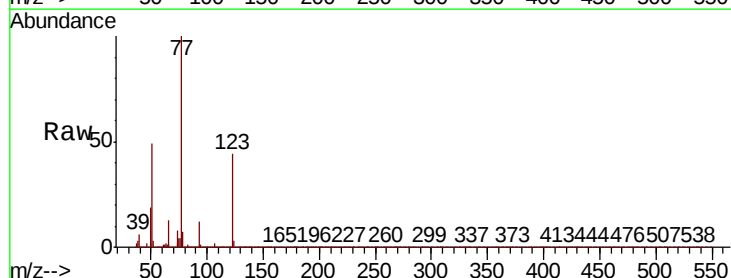
Instrument :
BNA_P
ClientSampleId :
PB129590BS

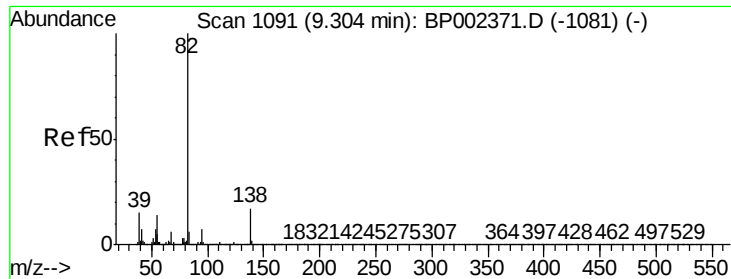
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.5	51.7
54	48.0	39.4	59.2



#24
Nitrobenzene
Concen: 51.790 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.8	53.8
65	13.1	10.5	15.7

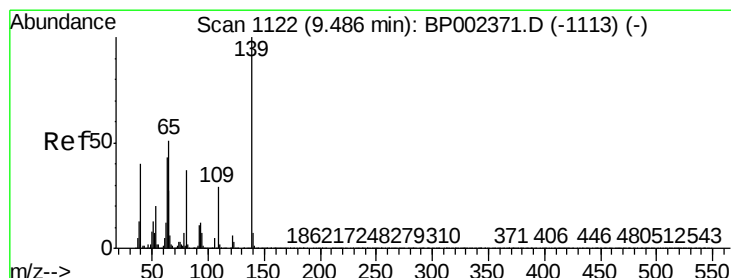
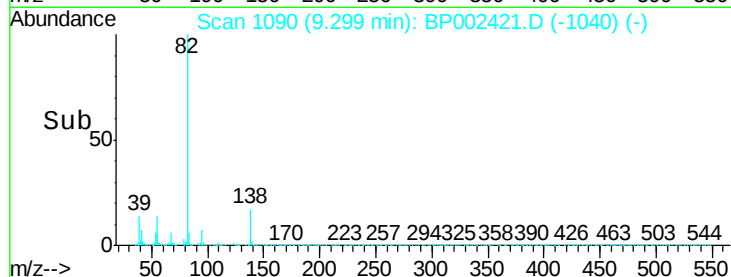
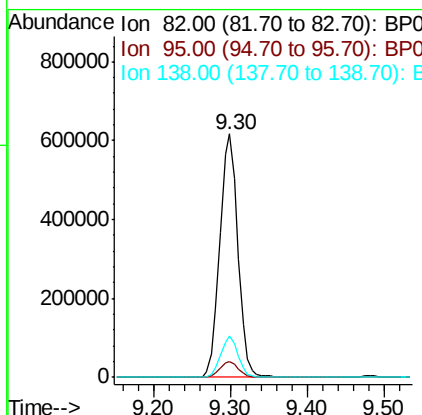
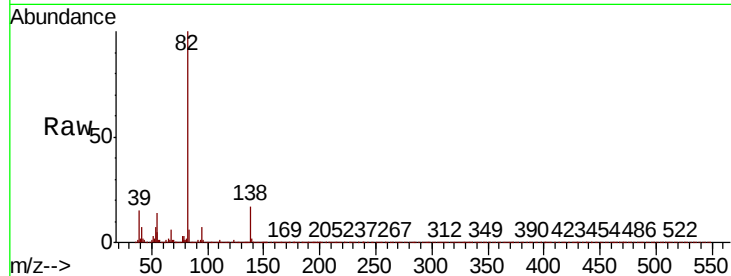




#25
Isophorone
Concen: 49.860 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

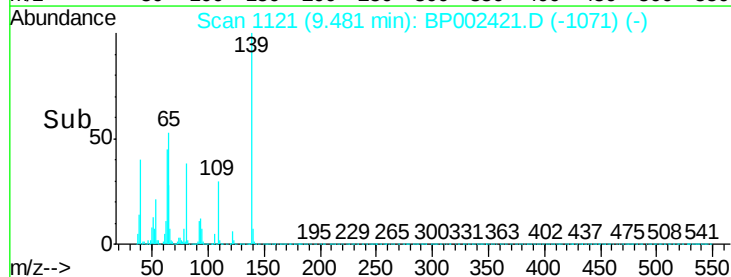
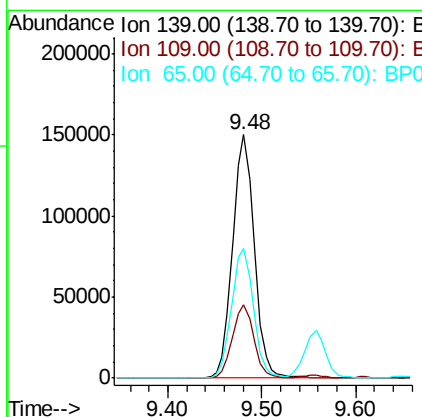
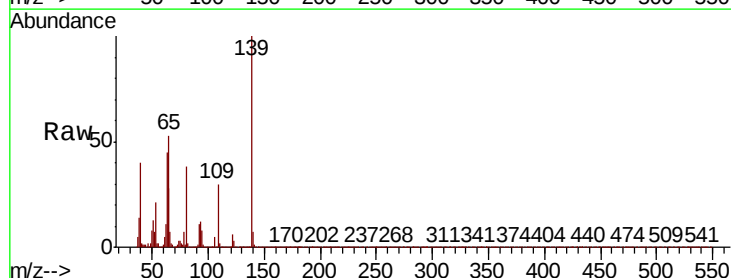
Instrument :
BNA_P
ClientSampleId :
PB129590BS

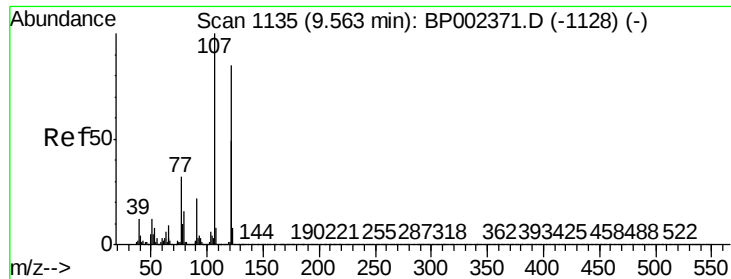
Tot Ion: 82 Resp: 1001939
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 16.9 13.4 20.0



#26
2-Nitrophenol
Concen: 51.062 ng
RT: 9.48 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion: 139 Resp: 241324
Ion Ratio Lower Upper
139 100
109 30.0 23.4 35.2
65 53.3 41.1 61.7

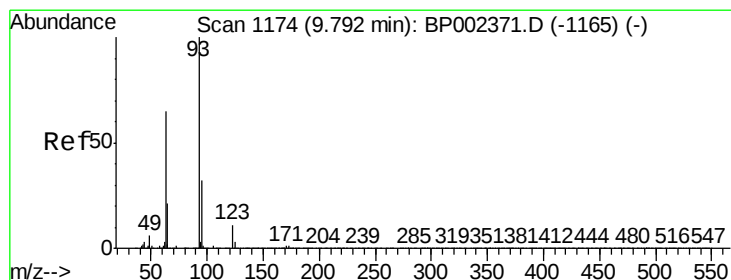
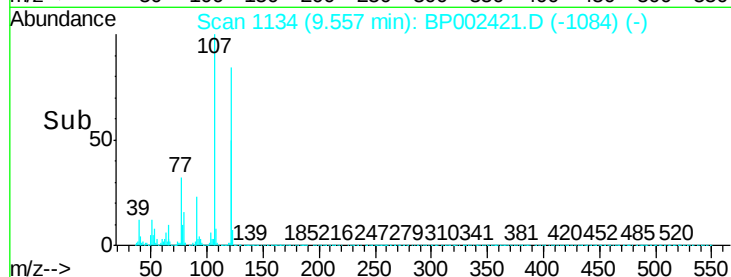
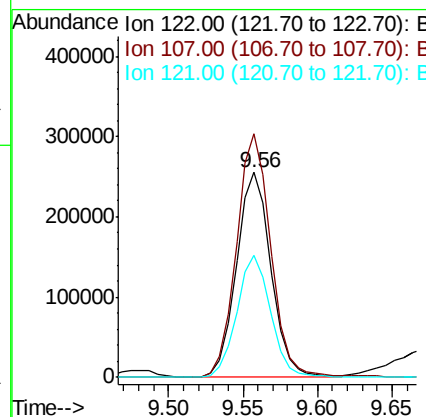
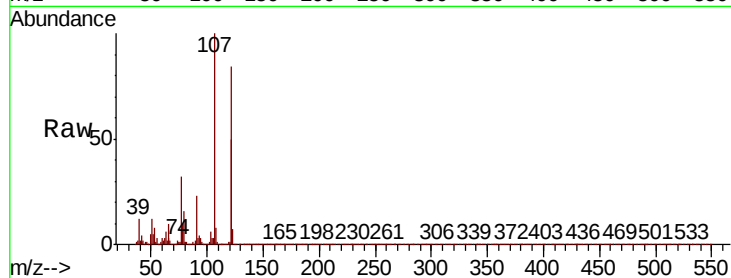




#27
 2,4-Dimethylphenol
 Concen: 55.475 ng
 RT: 9.56 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BP002421.D
 Acq: 17 Jun 2020 16:17

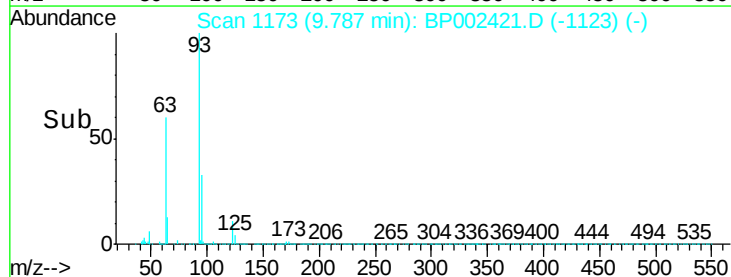
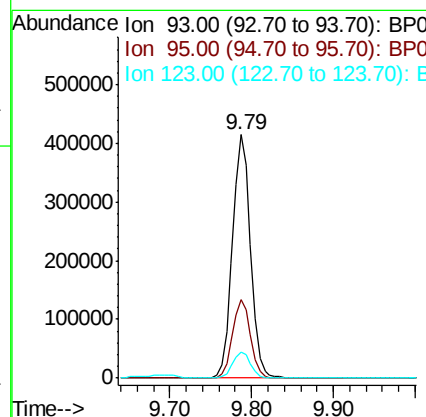
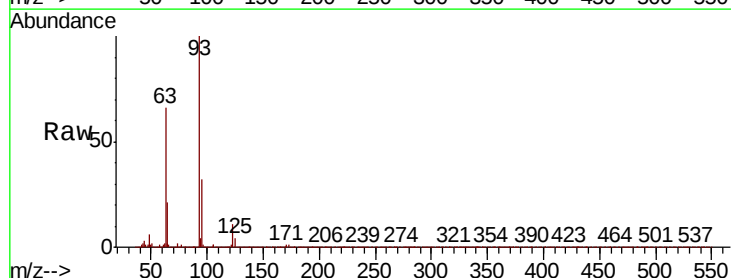
Instrument :
 BNA_P
 ClientSampleId :
 PB129590BS

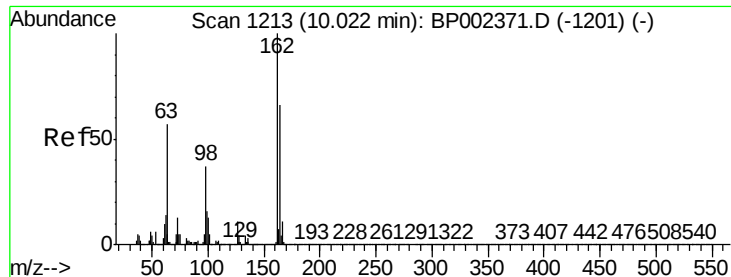
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	94.0	141.0
121	59.5	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.161 ng
 RT: 9.79 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BP002421.D
 Acq: 17 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	10.9	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 52.237 ng

RT: 10.02 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

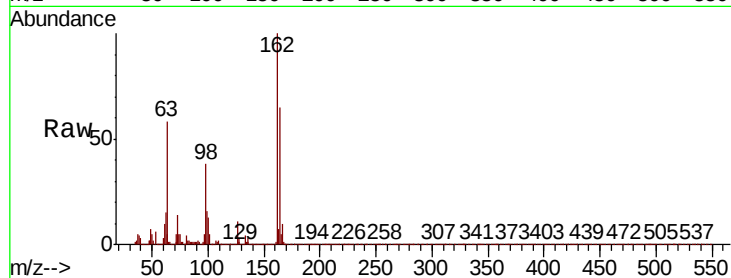
Tot Ion:162 Resp: 435970

Ion Ratio Lower Upper

162 100

164 64.9 45.5 85.5

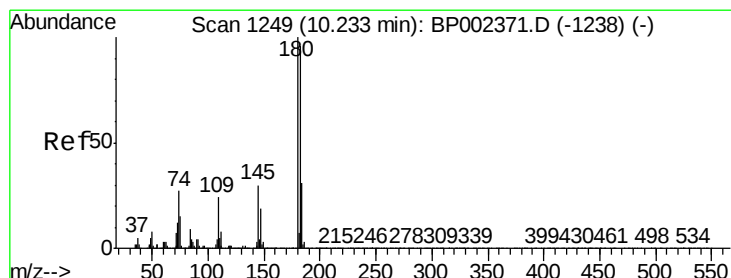
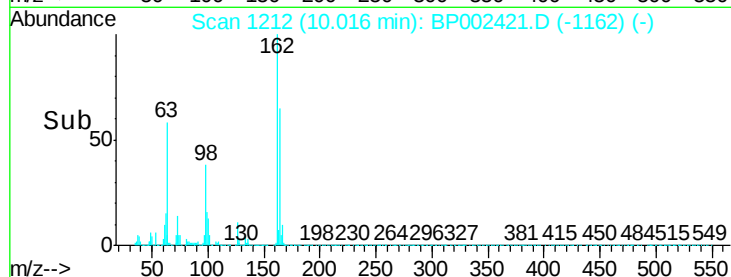
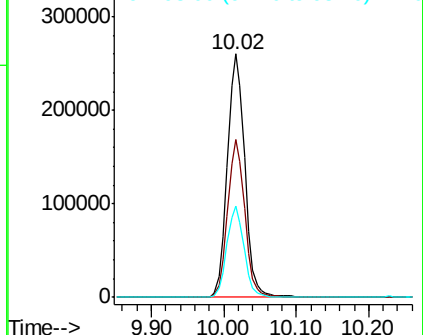
98 37.6 16.6 56.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BPO



#30

1,2,4-Trichlorobenzene

Concen: 49.100 ng

RT: 10.23 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

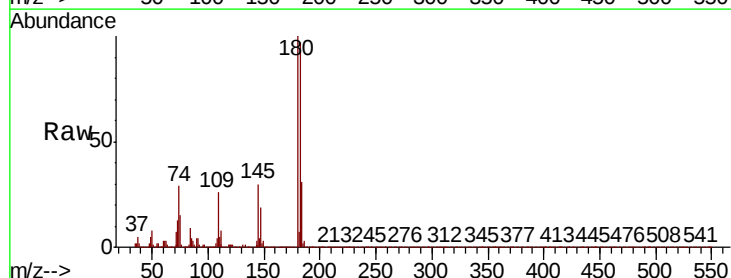
Tgt Ion:180 Resp: 456788

Ion Ratio Lower Upper

180 100

182 96.8 77.1 115.7

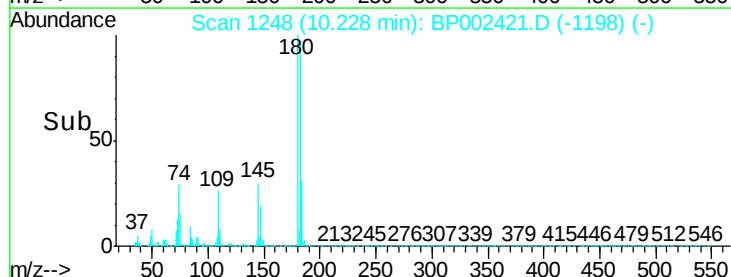
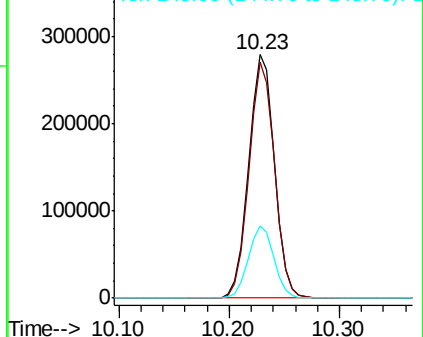
145 29.6 23.8 35.6



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

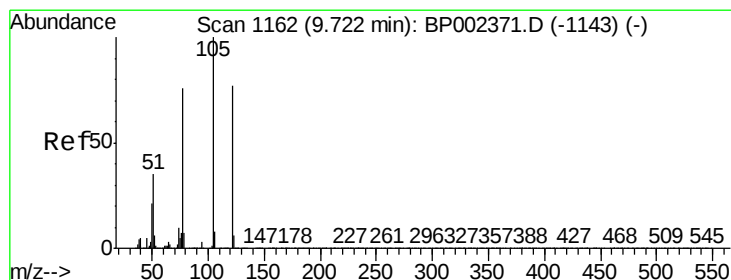
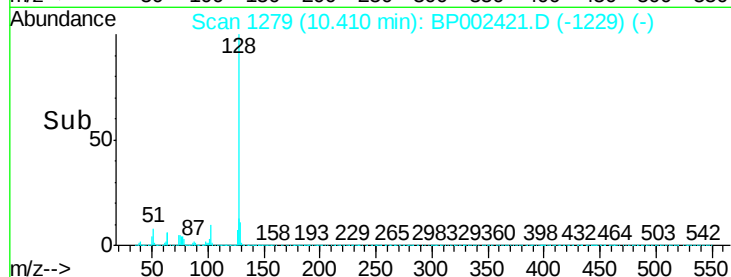
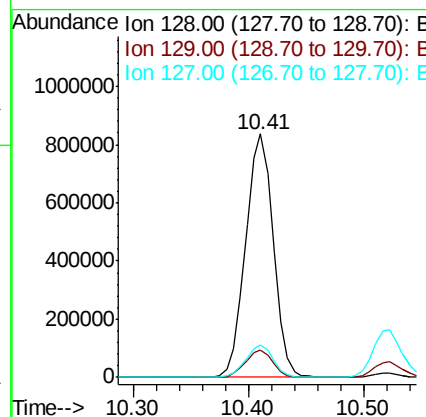
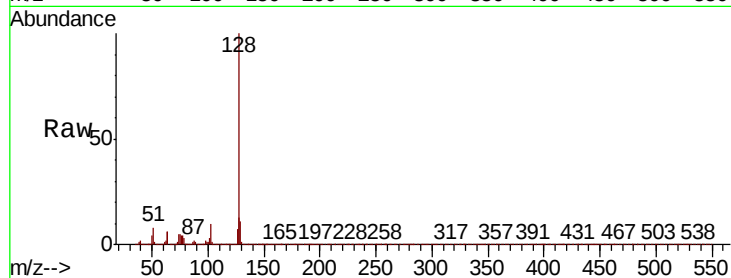




#31
Naphthalene
Concen: 50.952 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

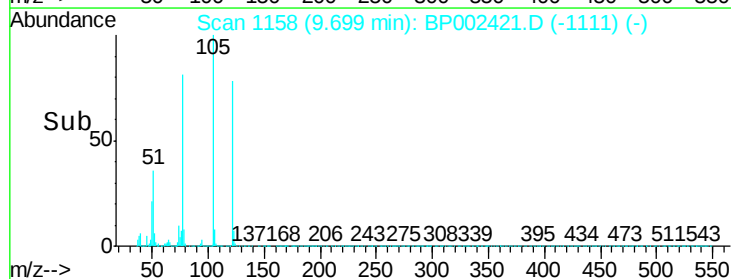
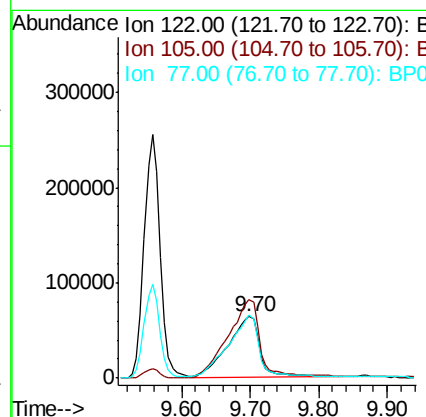
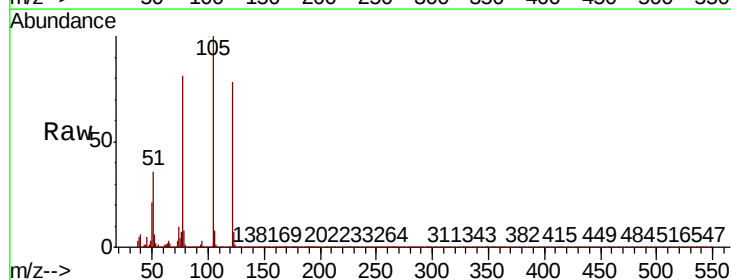
Instrument :
BNA_P
ClientSampleId :
PB129590BS

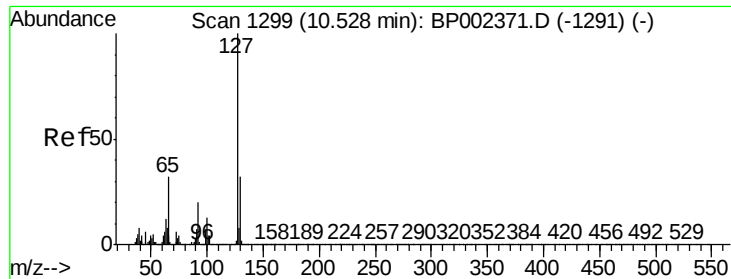
Tot Ion:128 Resp: 1394743
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 34.969 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:122 Resp: 205307
Ion Ratio Lower Upper
122 100
105 127.9 106.3 146.3
77 103.5 77.5 117.5

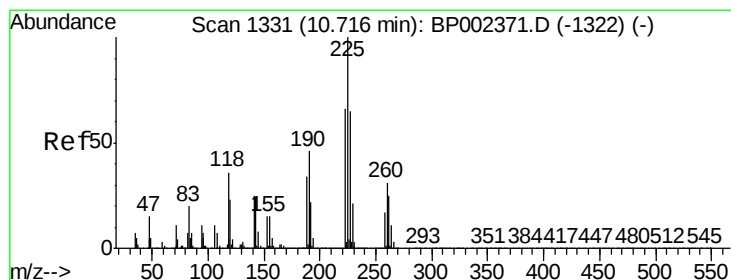
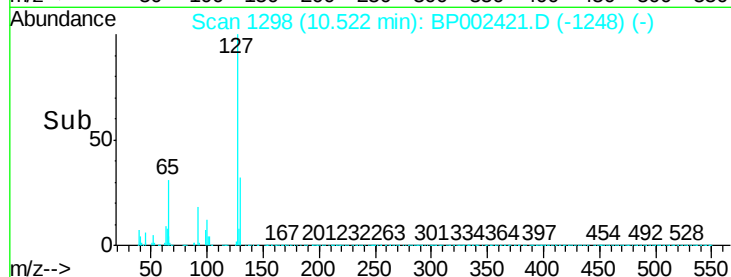
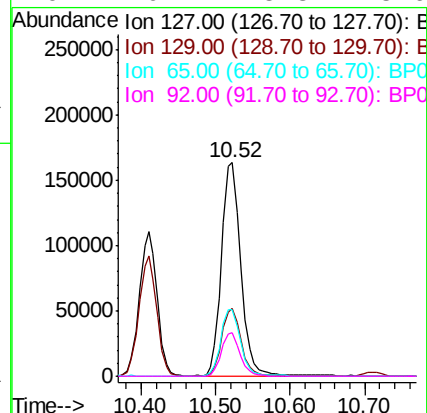
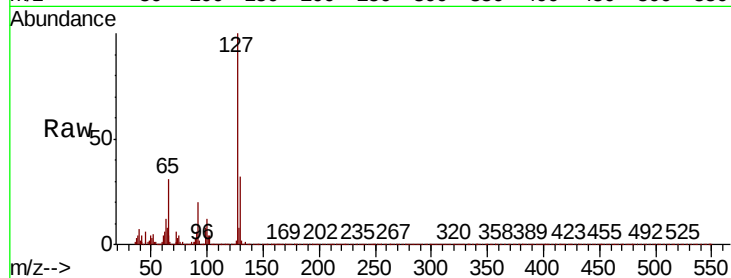




#33
4-Chloroaniline
Concen: 24.597 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

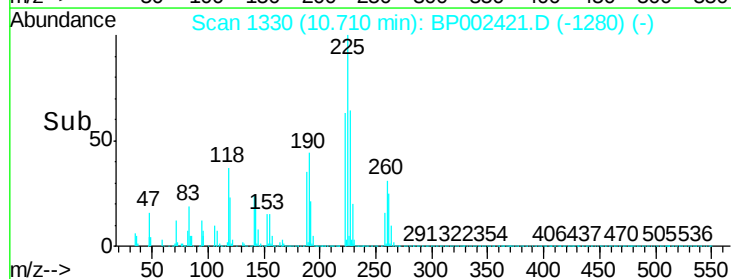
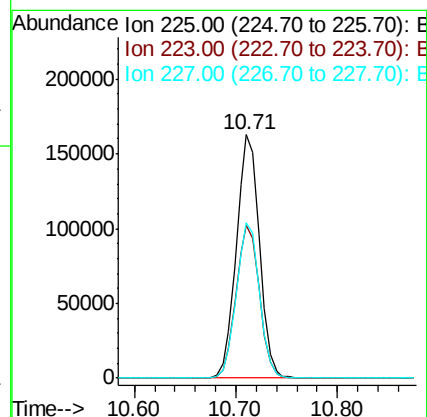
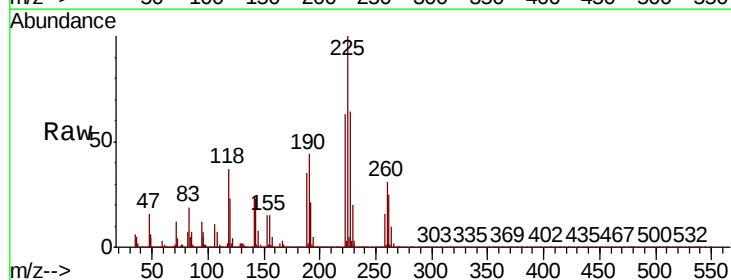
Instrument :
BNA_P
ClientSampleId :
PB129590BS

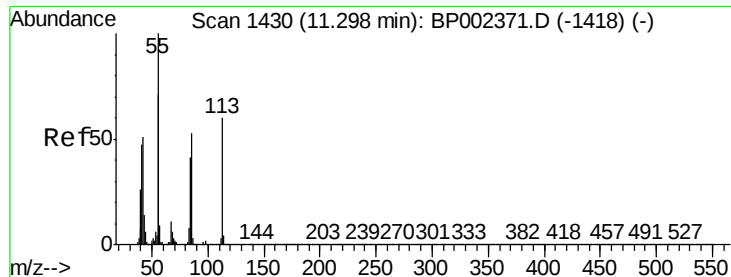
Tot Ion:	127	Resp:	293940
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	31.3	25.3	37.9
92	20.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 47.404 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:	225	Resp:	257356
Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.6	78.8
227	63.6	52.2	78.2

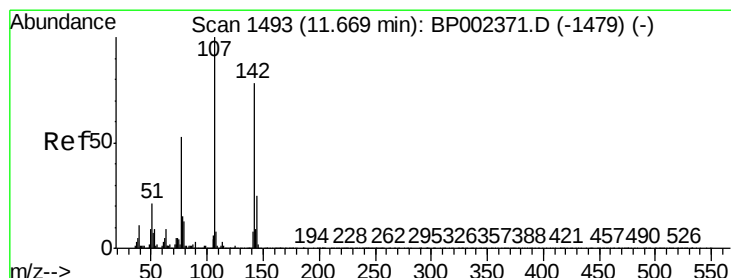
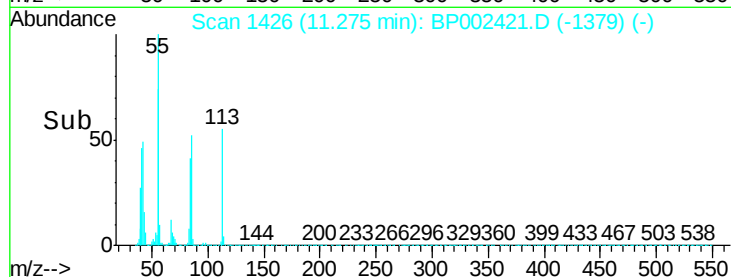
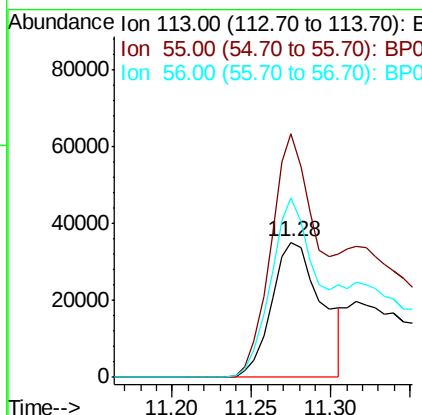
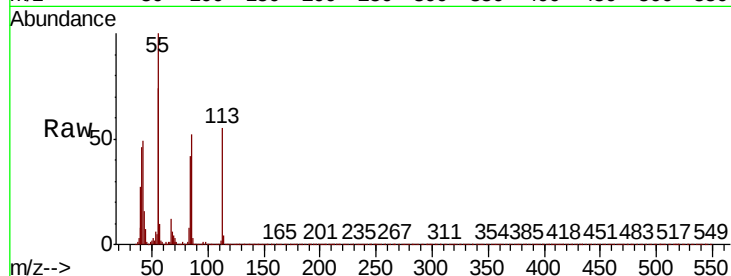




#35
Caprolactam
Concen: 26.235 ng
RT: 11.28 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

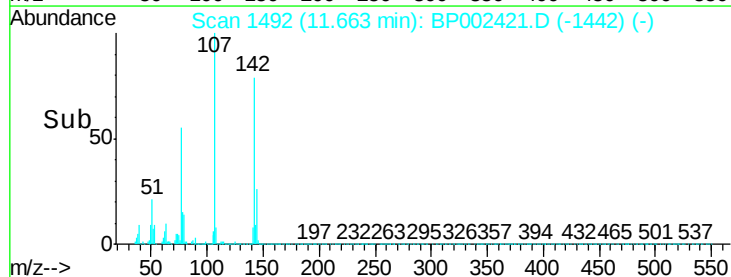
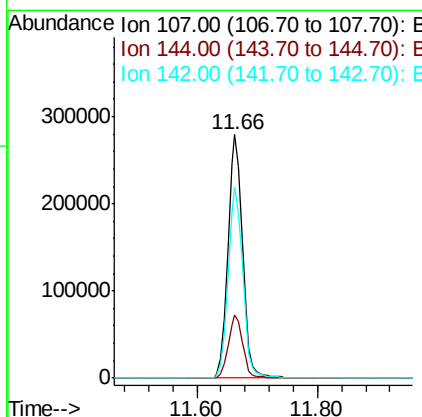
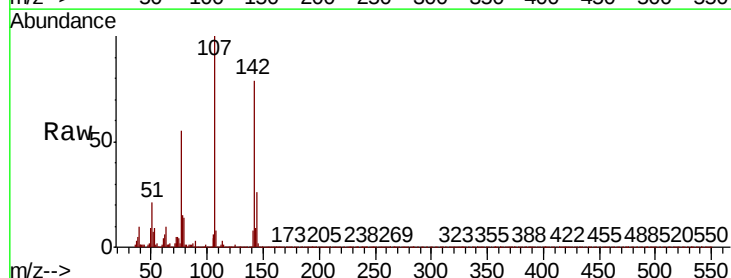
Instrument :
BNA_P
ClientSampleId :
PB129590BS

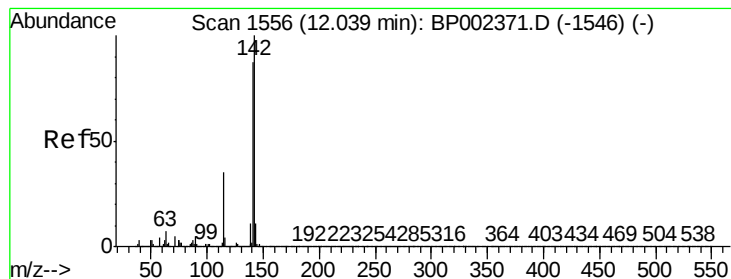
Tot Ion:113 Resp: 77227
Ion Ratio Lower Upper
113 100
55 180.6 147.9 187.9
56 133.3 99.9 139.9



#36
4-Chloro-3-methylphenol
Concen: 52.294 ng
RT: 11.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:107 Resp: 472240
Ion Ratio Lower Upper
107 100
144 26.0 20.4 30.6
142 78.7 62.2 93.4





#37

2-Methylnaphthalene

Concen: 51.152 ng

RT: 12.03 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

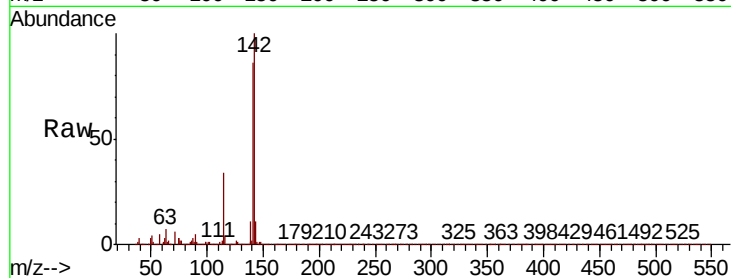
Tot Ion:142 Resp: 993857

Ion Ratio Lower Upper

142 100

141 85.6 69.7 104.5

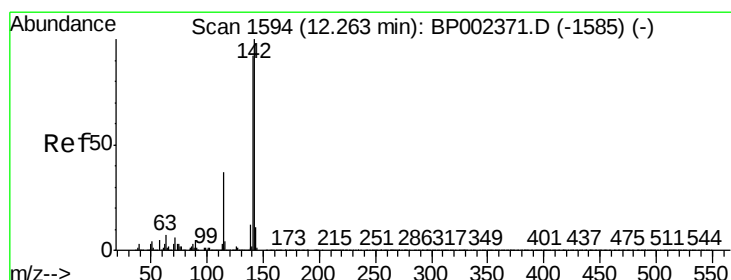
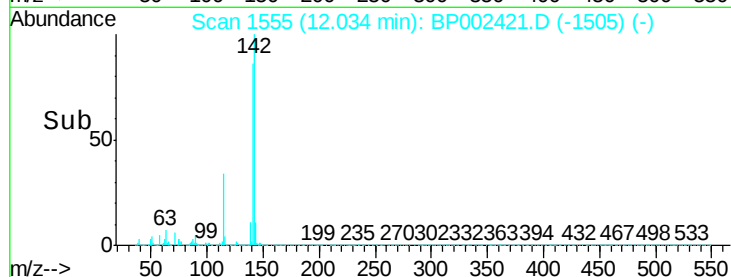
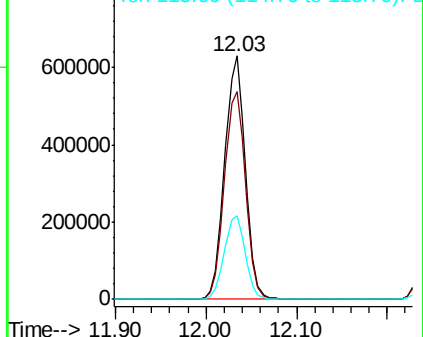
115 34.2 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.554 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

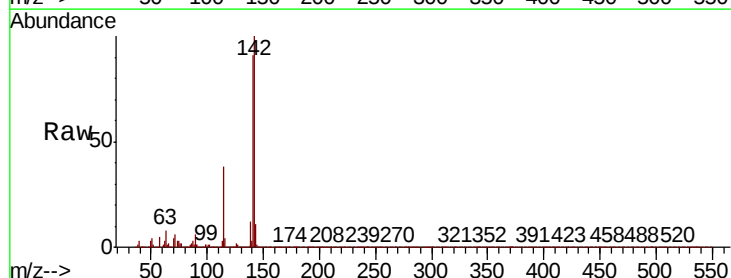
Tgt Ion:142 Resp: 940164

Ion Ratio Lower Upper

142 100

141 90.8 73.6 110.4

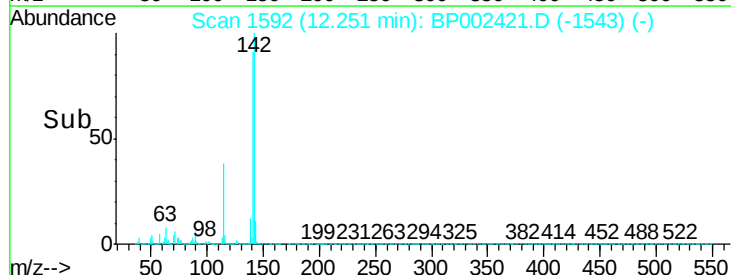
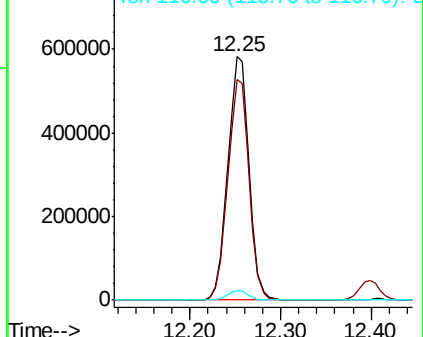
116 4.0 3.1 4.7

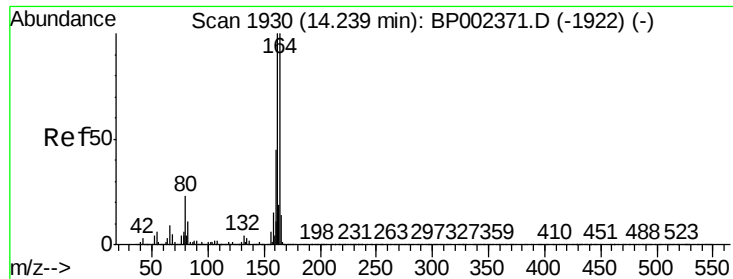


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

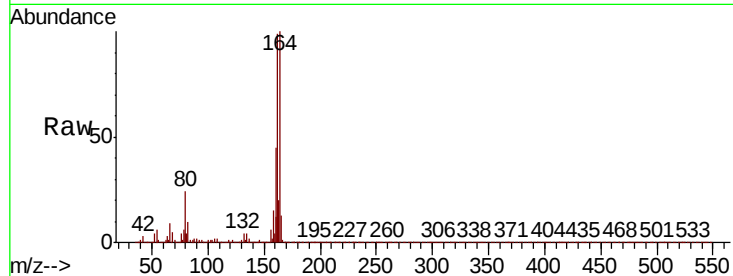
Tot Ion:164 Resp: 350891

Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

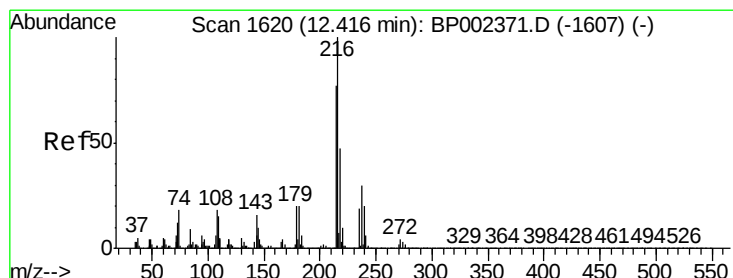
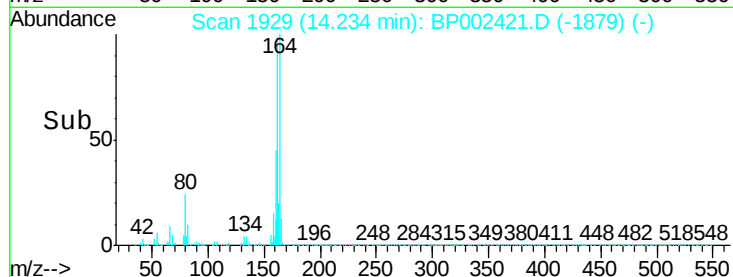
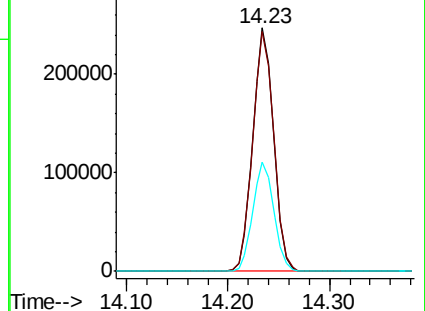
160 45.0 36.2 54.2



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: 50.389 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Tgt Ion:216 Resp: 466084

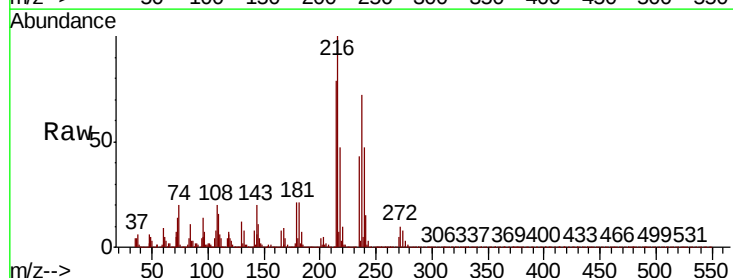
Ion Ratio Lower Upper

216 100

214 78.0 62.6 94.0

179 20.3 16.4 24.6

108 22.3 15.5 23.3

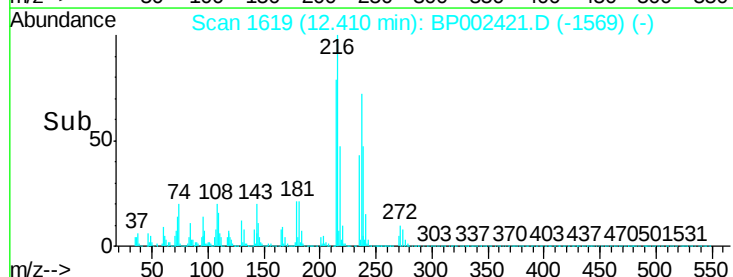
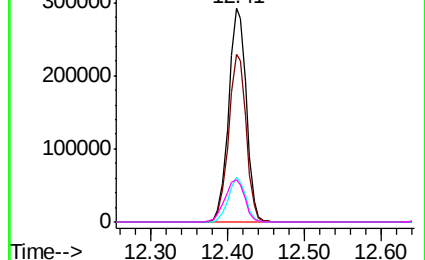


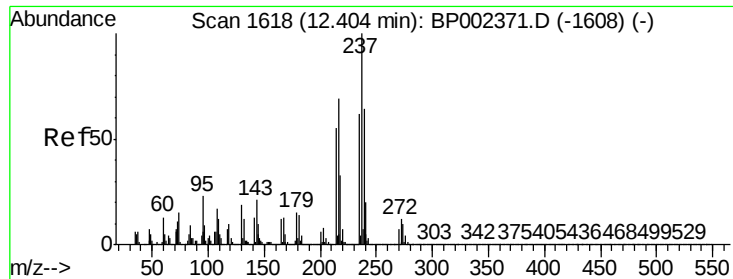
Abundance Ion 216.00 (215.70 to 216.70): E

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: 118.170 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

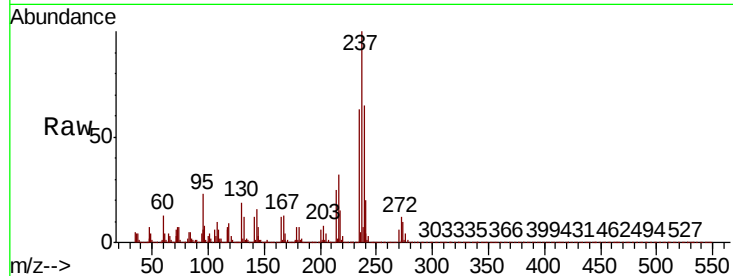
Tot Ion:237 Resp: 581099

Ion Ratio Lower Upper

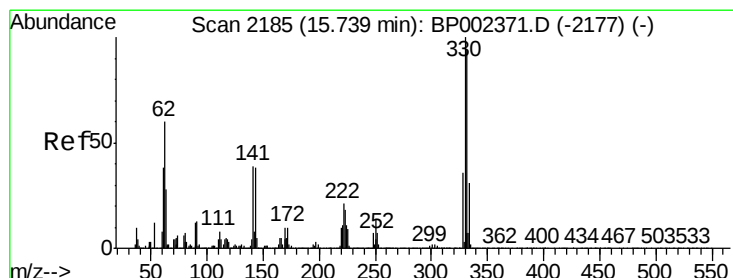
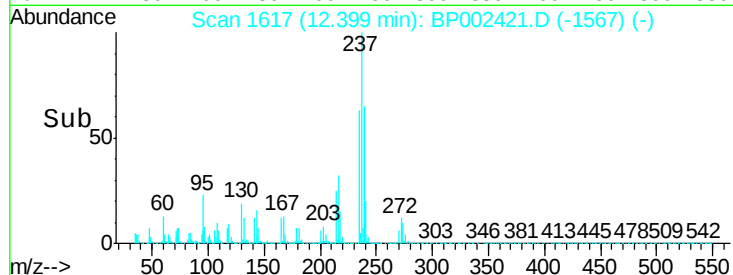
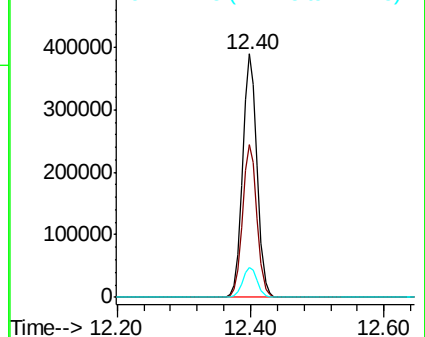
237 100

235 62.6 42.0 82.0

272 12.4 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.790 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

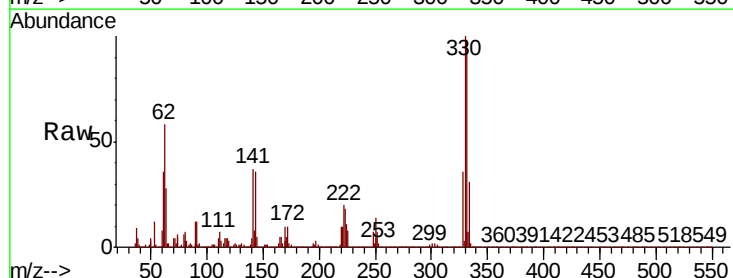
Tgt Ion:330 Resp: 456192

Ion Ratio Lower Upper

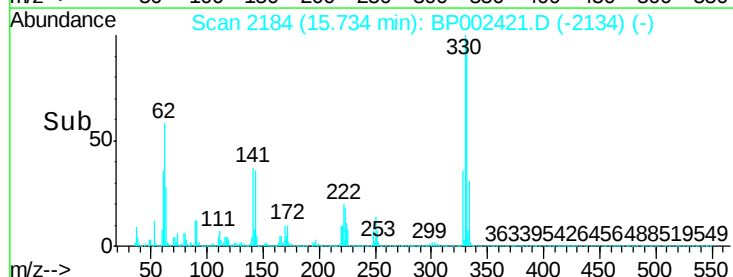
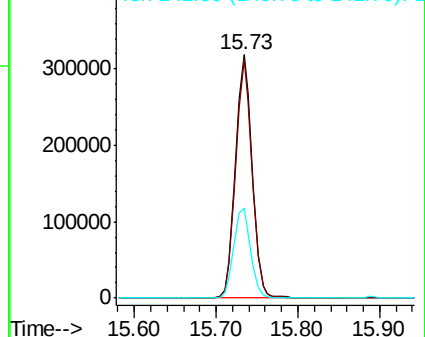
330 100

332 96.0 76.6 115.0

141 37.6 30.3 45.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

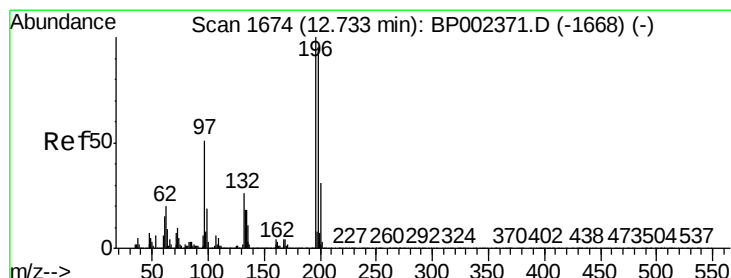
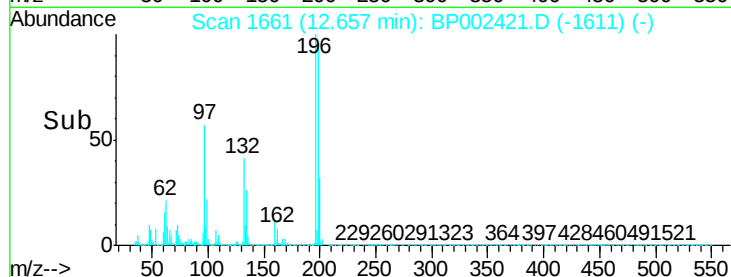
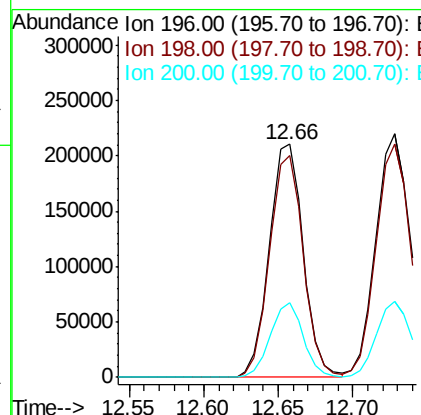
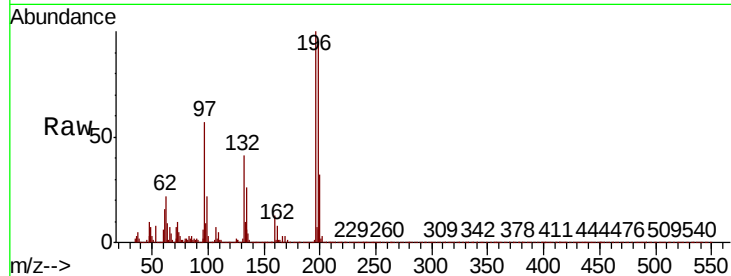




#43
 2,4,6-Trichlorophenol
 Concen: 50.829 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002421.D
 Acq: 17 Jun 2020 16:17

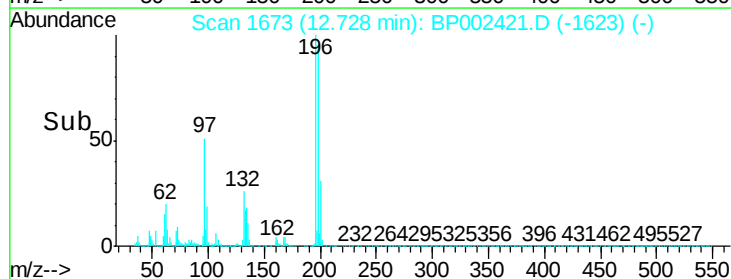
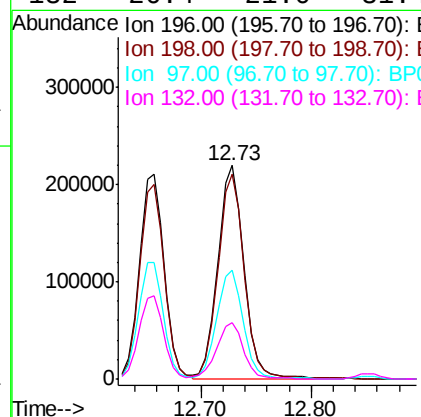
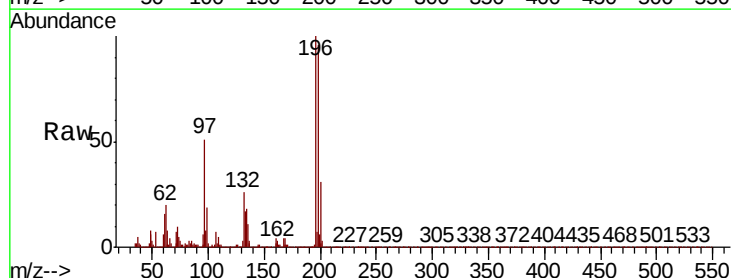
Instrument :
 BNA_P
 ClientSampleId :
 PB129590BS

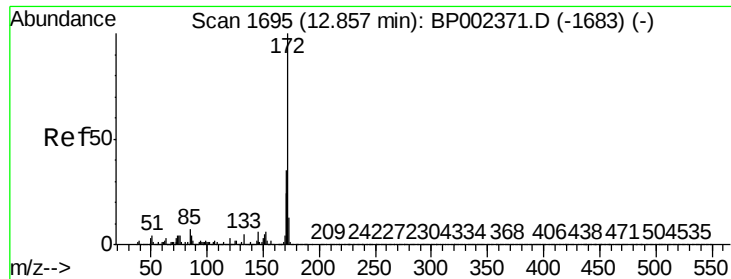
Tot Ion:196 Resp: 332731
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 115.0
 200 32.2 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 47.252 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002421.D
 Acq: 17 Jun 2020 16:17

Tgt Ion:196 Resp: 358177
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.2
 97 50.9 40.6 61.0
 132 26.4 21.0 31.4

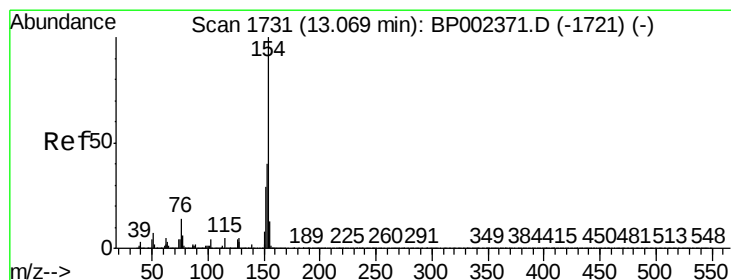
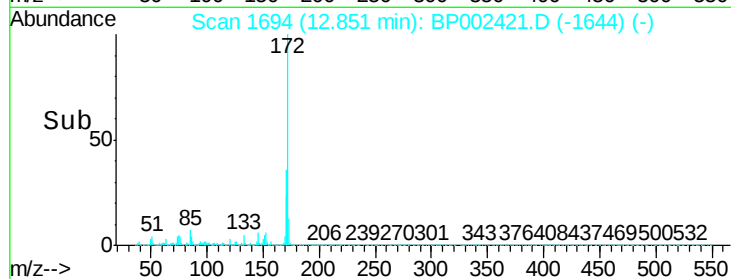
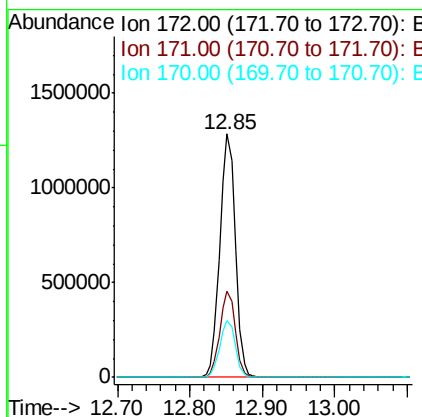
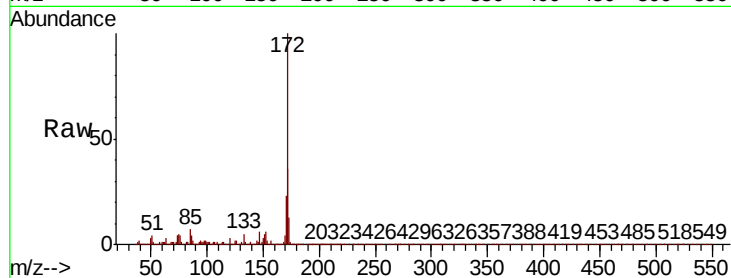




#45
2-Fluorobiphenyl
Concen: 92.239 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

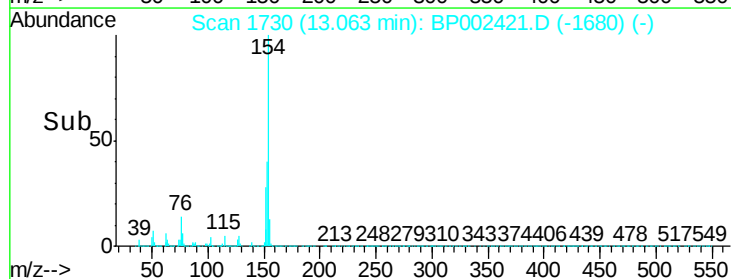
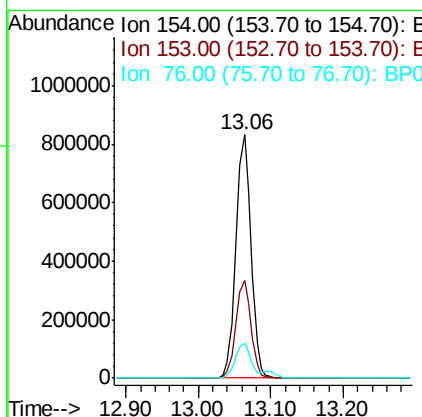
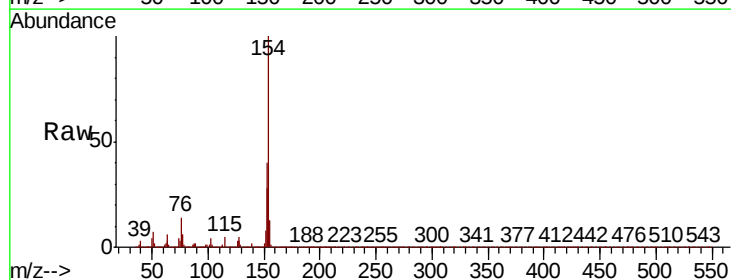
Instrument :
BNA_P
ClientSampleId :
PB129590BS

Tot Ion:172 Resp: 1924921
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 52.613 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:154 Resp: 1209937
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 14.4 0.0 34.2

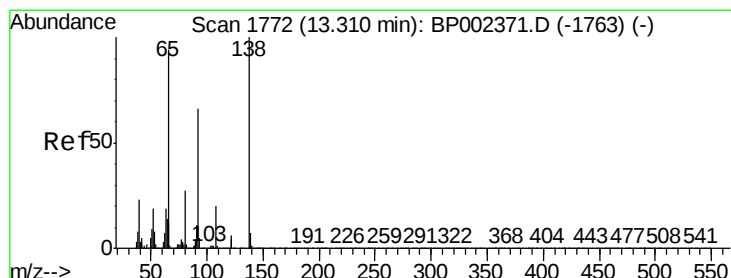
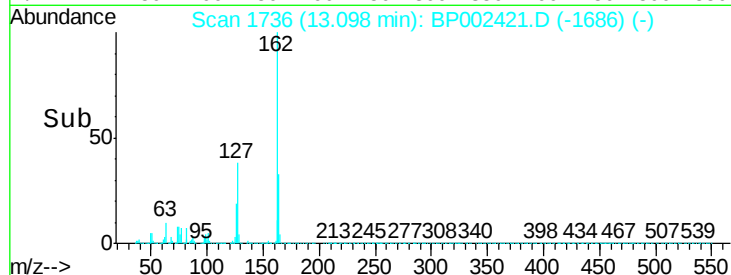
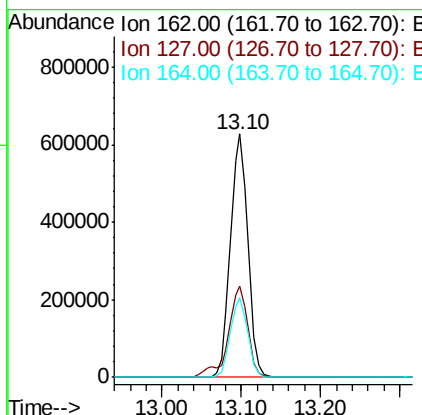
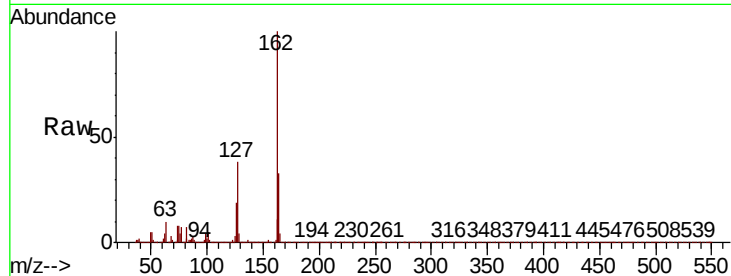




#47
2-Chloronaphthalene
Concen: 50.596 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

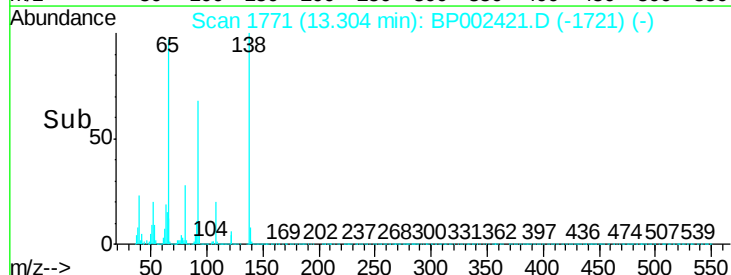
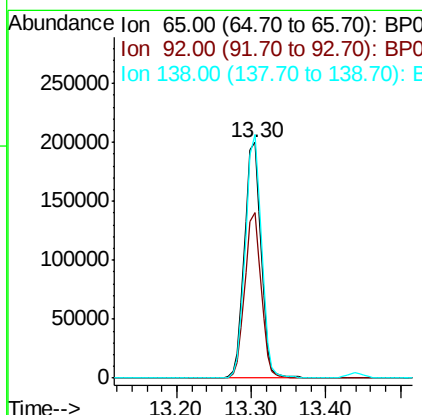
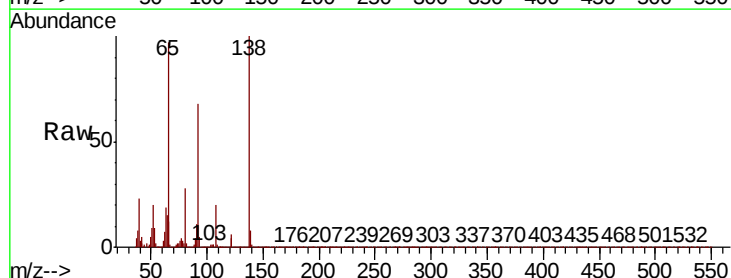
Instrument :
BNA_P
ClientSampleId :
PB129590BS

Tot Ion:162 Resp: 951760
Ion Ratio Lower Upper
162 100
127 37.5 31.0 46.4
164 32.5 26.6 40.0



#48
2-Nitroaniline
Concen: 51.494 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion: 65 Resp: 309222
Ion Ratio Lower Upper
65 100
92 70.1 56.3 84.5
138 103.2 85.0 127.6





#49

Acenaphthylene

Concen: 50.877 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

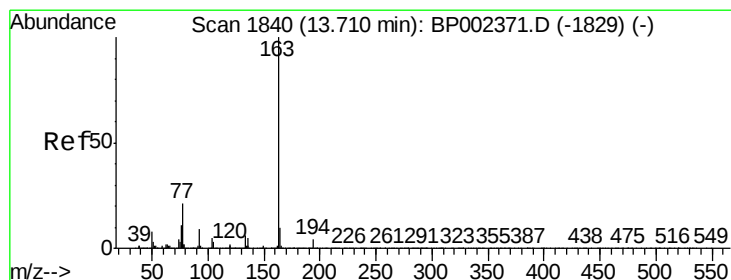
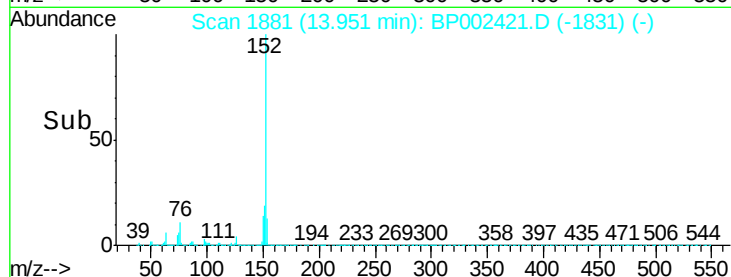
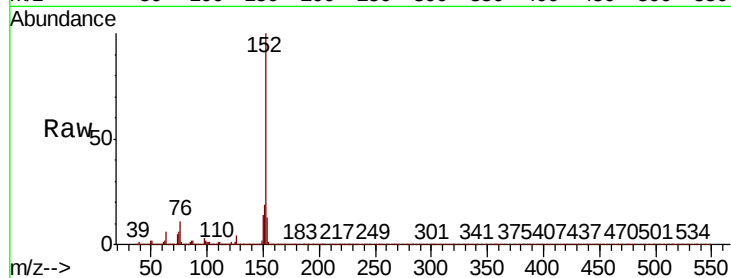
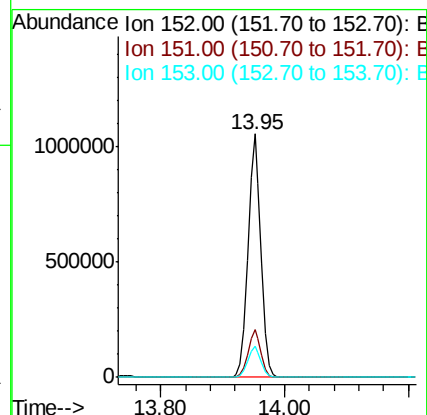
BNA_P

ClientSampleId :

PB129590BS

Tot Ion:152 Resp: 1527514

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.5	15.7



#50

Dimethylphthalate

Concen: 49.147 ng

RT: 13.70 min Scan# 1839

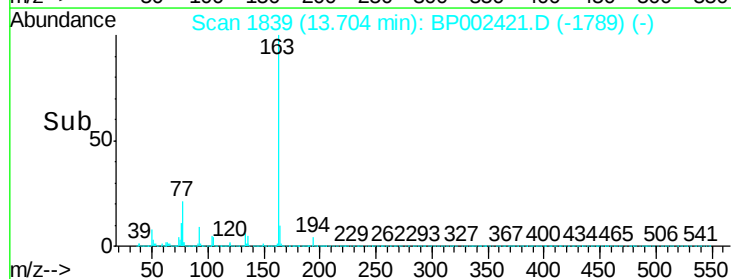
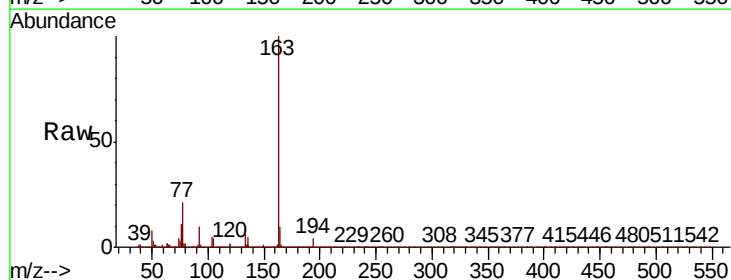
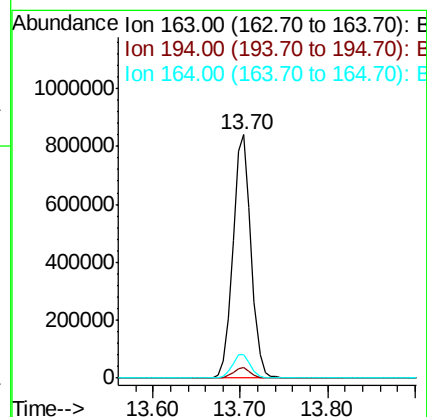
Delta R.T. -0.01 min

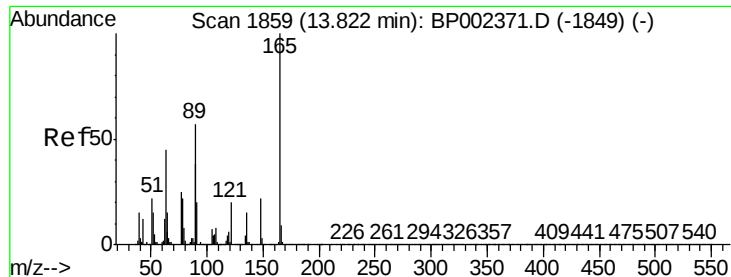
Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Tgt Ion:163 Resp: 1181636

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	8.1	12.1

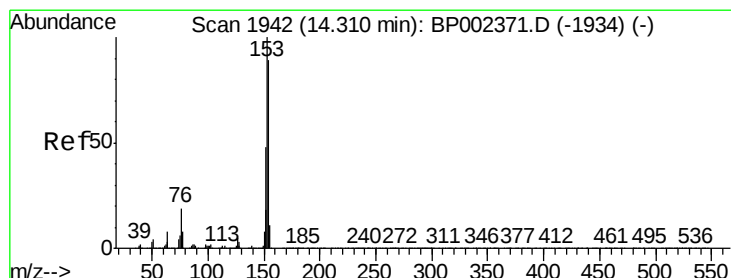
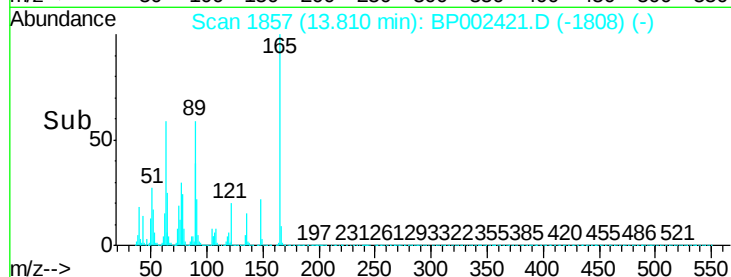
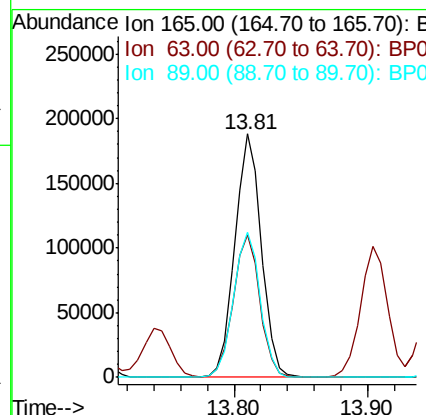
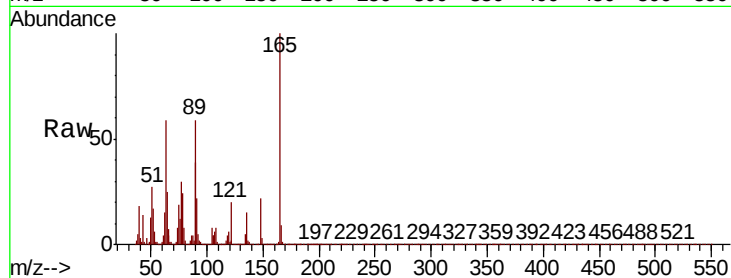




#51
2,6-Dinitrotoluene
Concen: 50.113 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

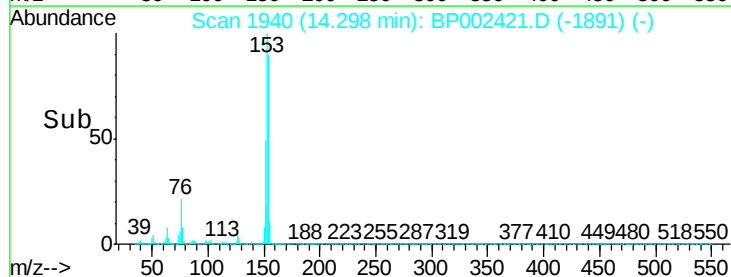
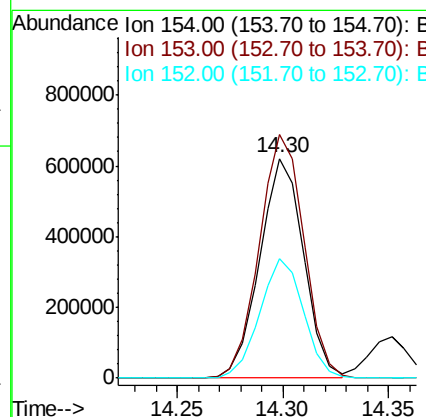
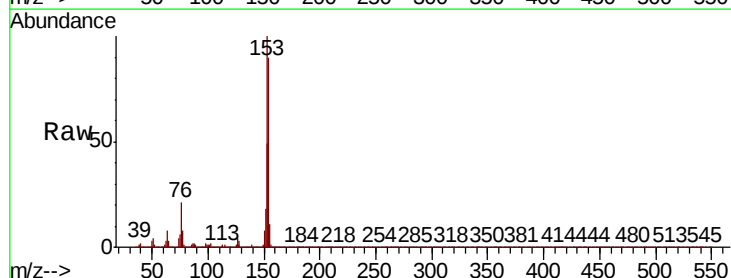
Instrument :
BNA_P
ClientSampleId :
PB129590BS

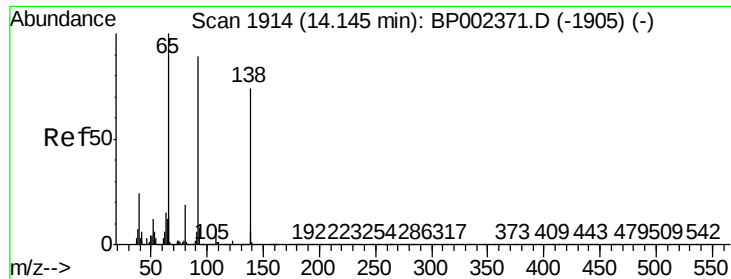
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.7	43.1	64.7
89	59.5	45.3	67.9



#52
Acenaphthene
Concen: 51.044 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.5	134.3
152	54.5	43.3	64.9

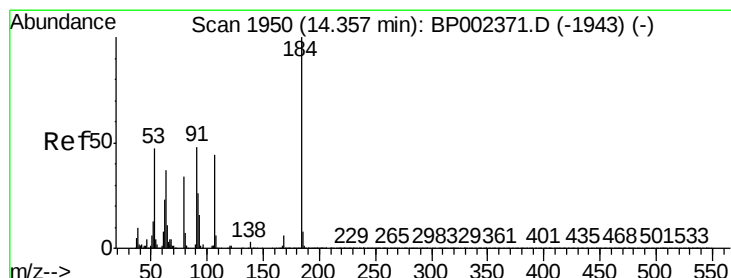
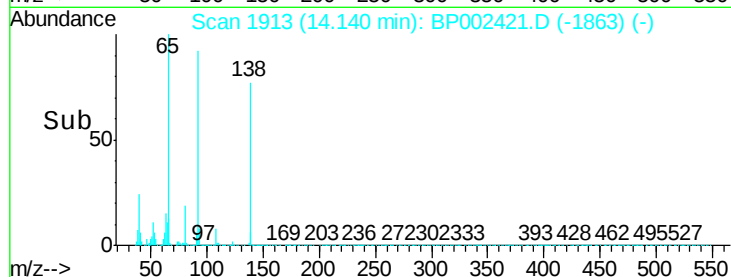
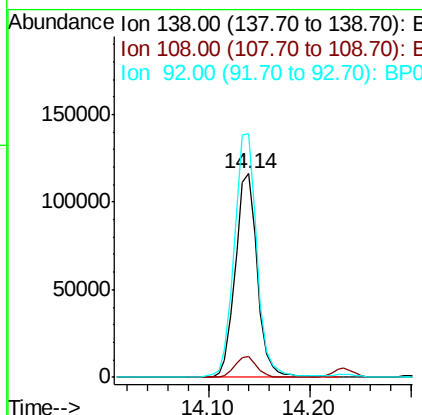
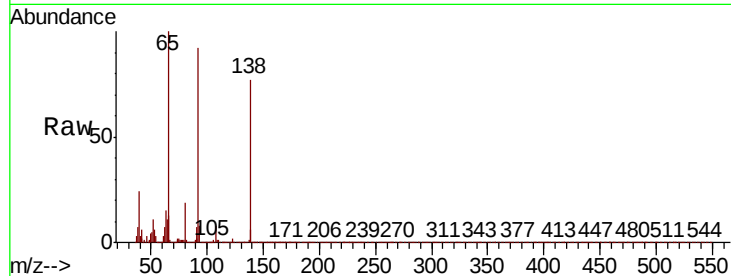




#53
3-Nitroaniline
Concen: 29.434 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

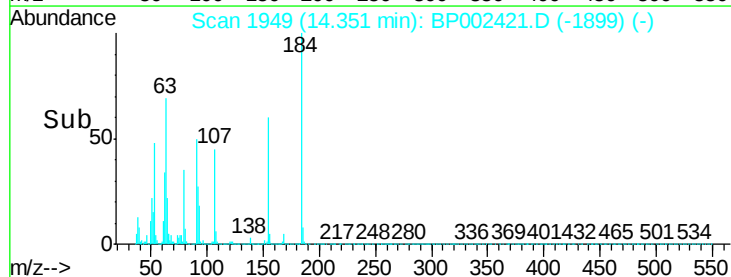
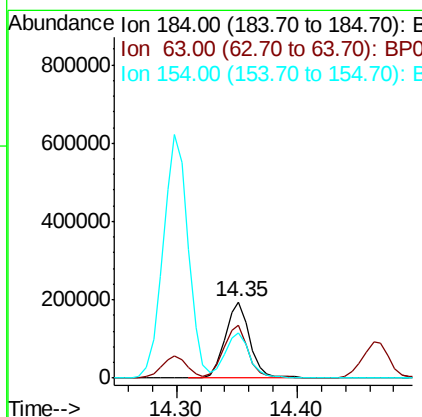
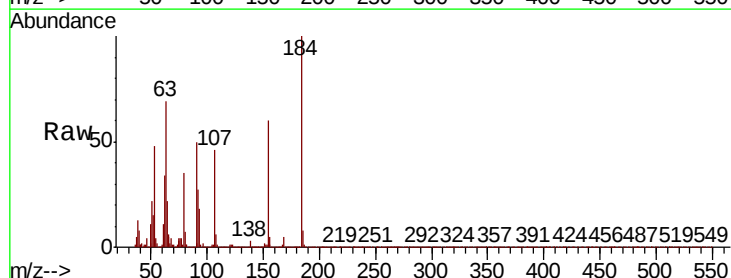
Instrument :
BNA_P
ClientSampleId :
PB129590BS

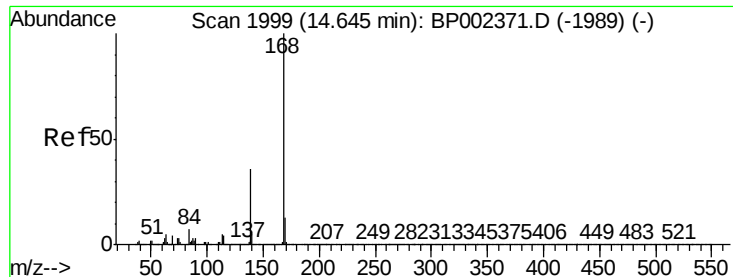
Tot Ion:138 Resp: 175492
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 119.7 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 89.069 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:184 Resp: 275160
Ion Ratio Lower Upper
184 100
63 68.8 52.3 78.5
154 59.9 48.6 72.8

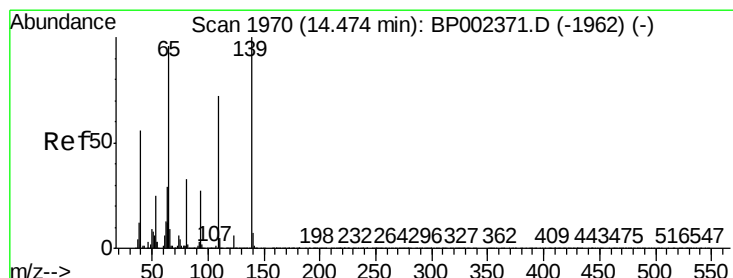
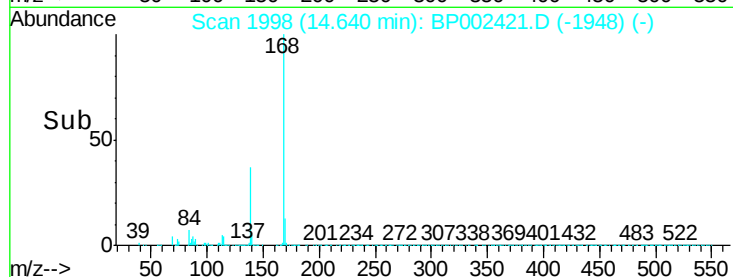
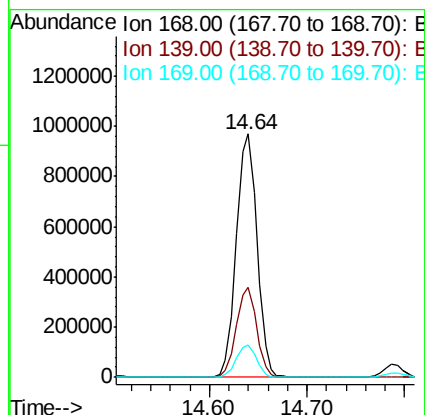
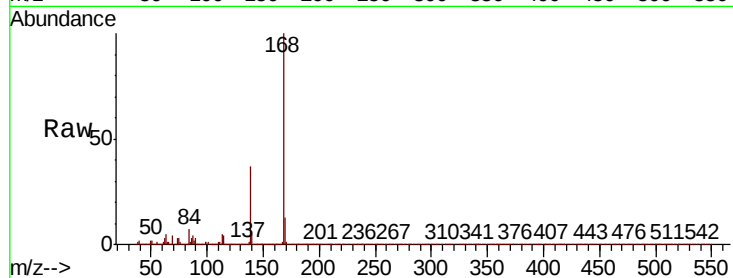




#55
Dibenzofuran
Concen: 50.434 ng
RT: 14.64 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

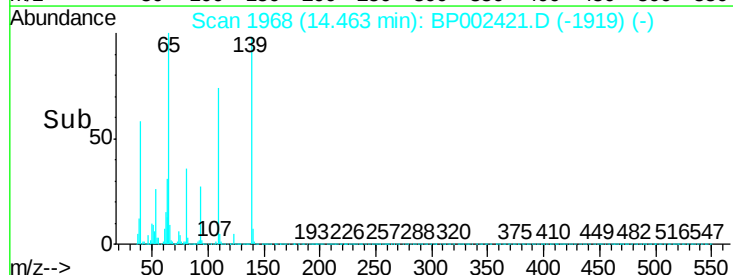
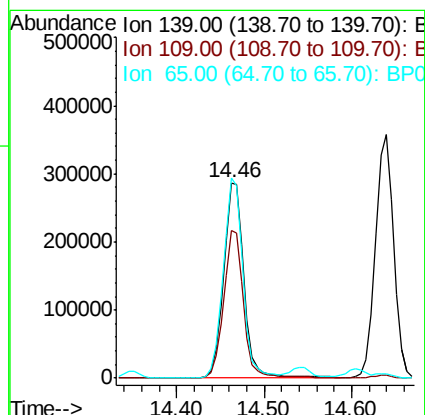
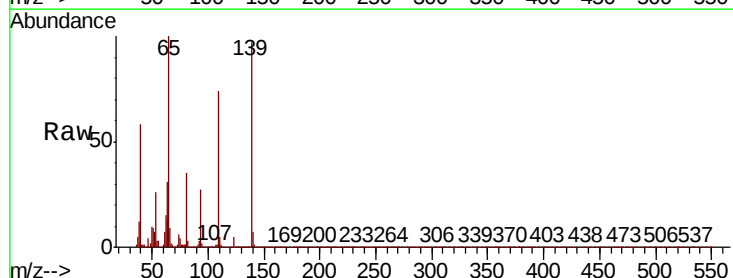
Instrument :
BNA_P
ClientSampleId :
PB129590BS

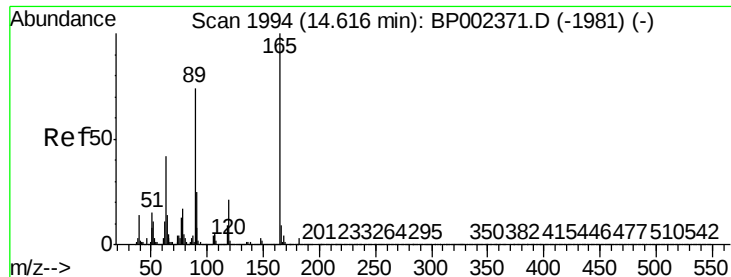
Tot Ion:168 Resp: 1428184
Ion Ratio Lower Upper
168 100
139 36.9 28.9 43.3
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 97.326 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:139 Resp: 460732
Ion Ratio Lower Upper
139 100
109 75.8 52.0 92.0
65 102.8 76.3 116.3

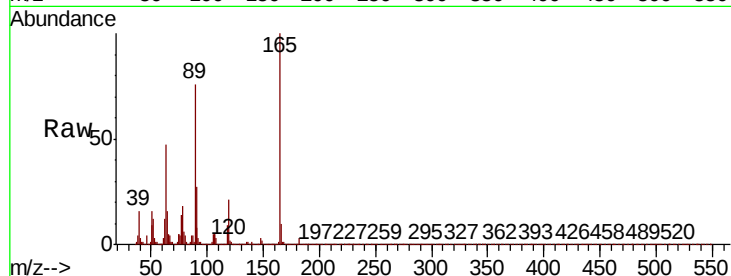




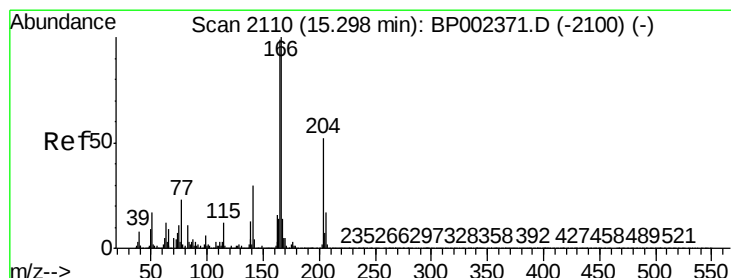
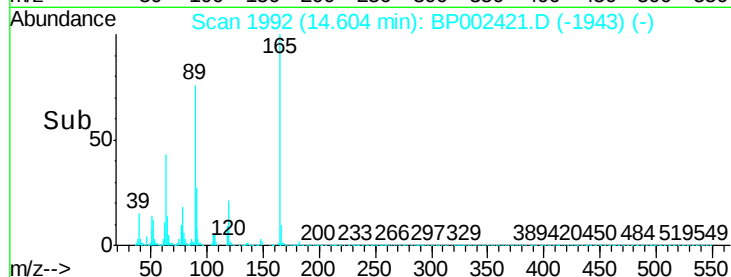
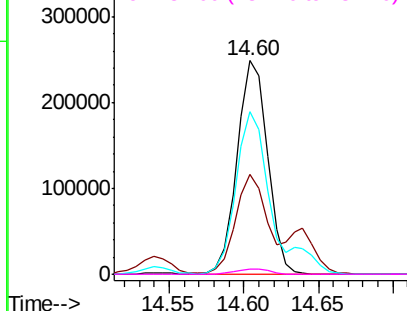
#57
2,4-Dinitrotoluene
Concen: 49.474 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Instrument :
BNA_P
ClientSampleId :
PB129590BS

Tot Ion:165 Resp: 351626
Ion Ratio Lower Upper
165 100
63 46.8 34.2 51.2
89 76.0 59.3 88.9
182 2.5 2.3 3.5

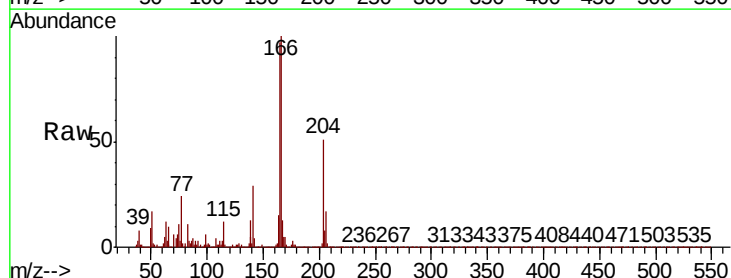


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

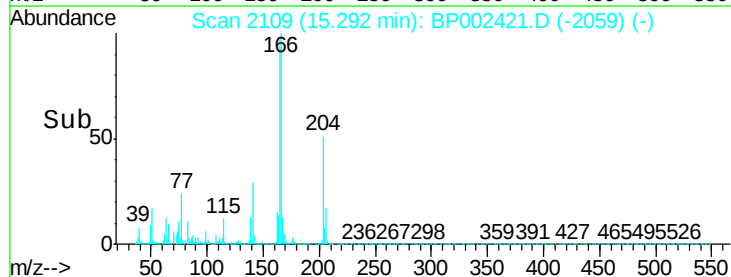
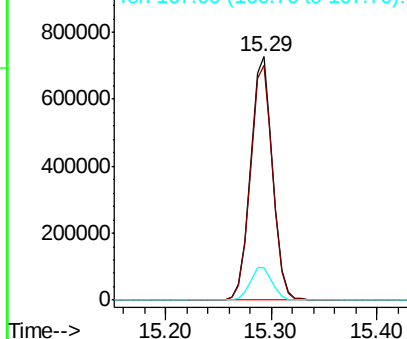


#58
Fluorene
Concen: 47.520 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:166 Resp: 1058441
Ion Ratio Lower Upper
166 100
165 96.5 79.1 118.7
167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.716 ng

RT: 14.87 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

Tot Ion:232 Resp: 311181

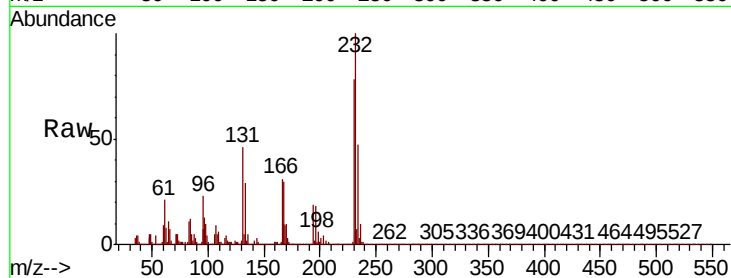
Ion Ratio Lower Upper

232 100

131 43.7 35.1 52.7

130 2.3 1.8 2.8

166 29.8 24.4 36.6

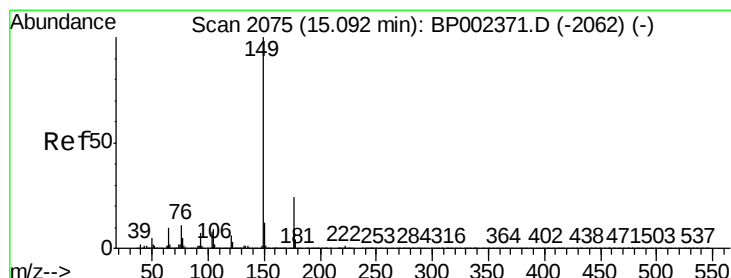
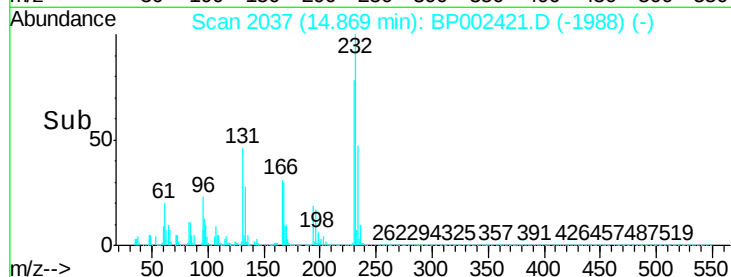
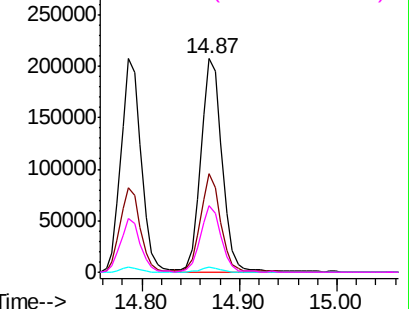


Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.047 ng

RT: 15.08 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

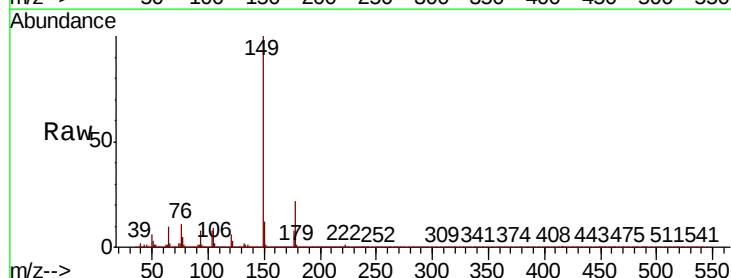
Tgt Ion:149 Resp: 1157487

Ion Ratio Lower Upper

149 100

177 22.2 18.9 28.3

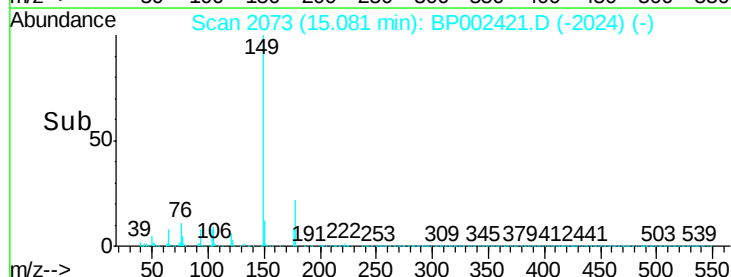
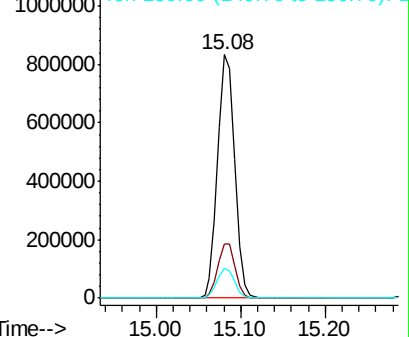
150 12.3 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

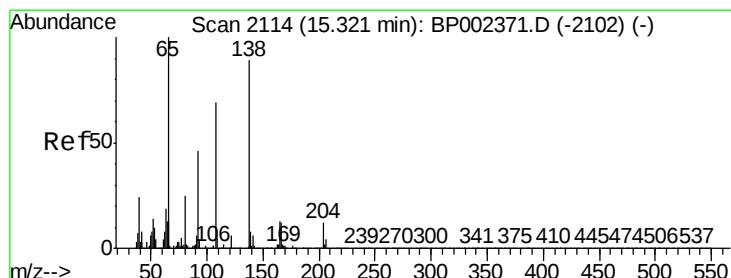
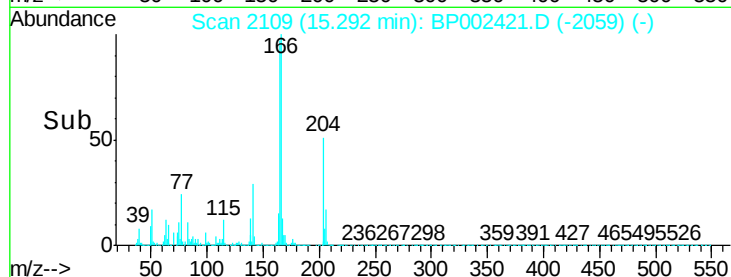
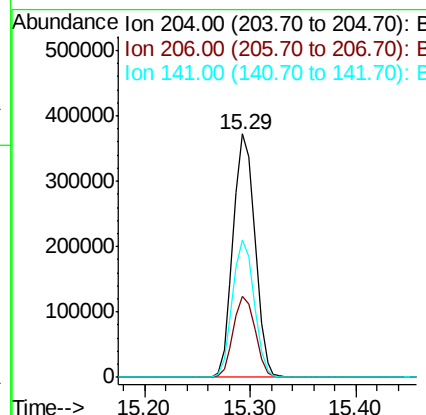
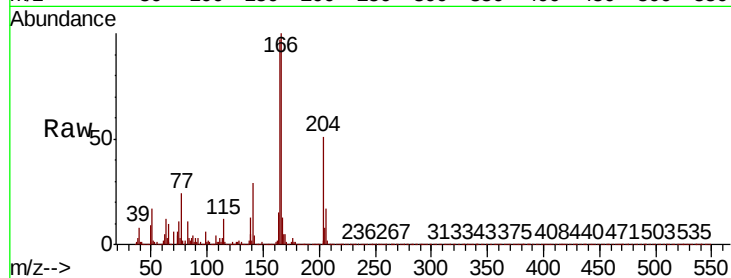




#61
4-Chlorophenyl-phenylether
Concen: 50.655 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

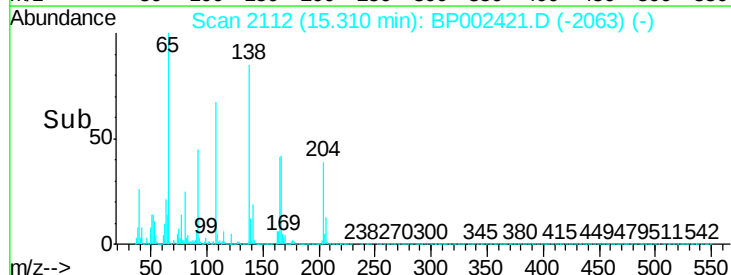
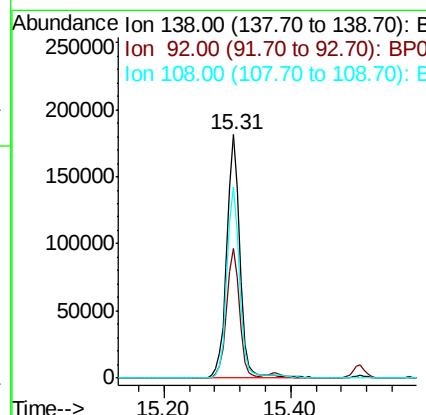
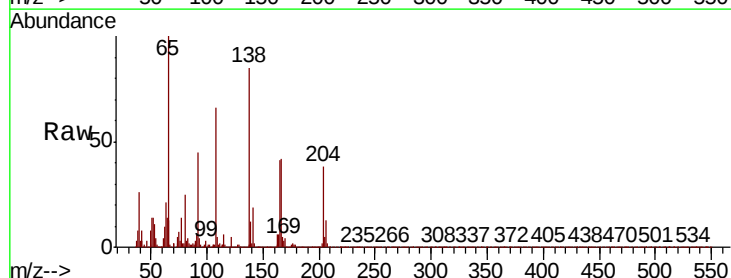
Instrument :
BNA_P
ClientSampleID :
PB129590BS

Tot Ion:204 Resp: 532447
Ion Ratio Lower Upper
204 100
206 33.3 26.8 40.2
141 56.3 46.6 69.8



#62
4-Nitroaniline
Concen: 46.422 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:138 Resp: 265938
Ion Ratio Lower Upper
138 100
92 53.2 31.7 71.7
108 78.3 57.5 97.5



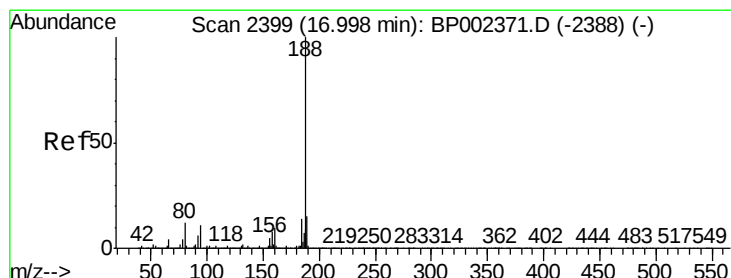
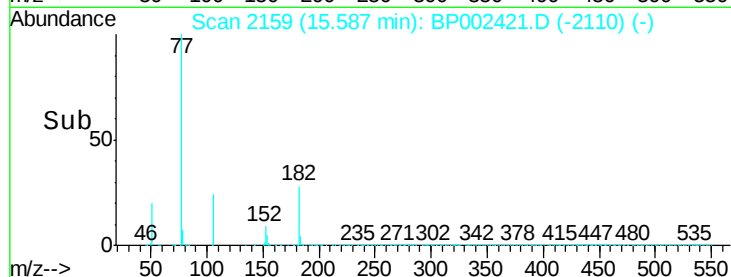
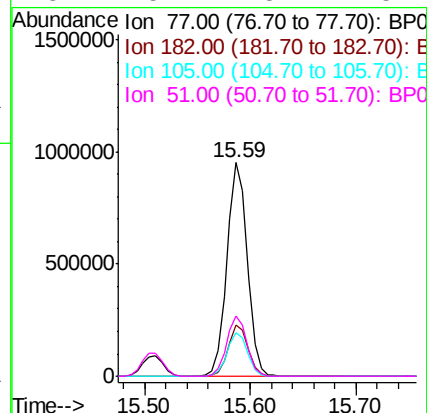
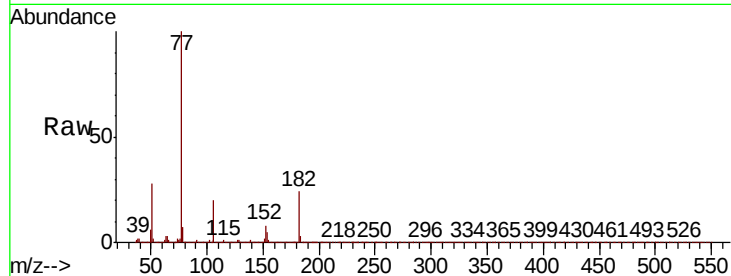


#63
Azobenzene
Concen: 52.925 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Instrument :
BNA_P
ClientSampleId :
PB129590BS

Tot Ion: 77 Resp: 1269133

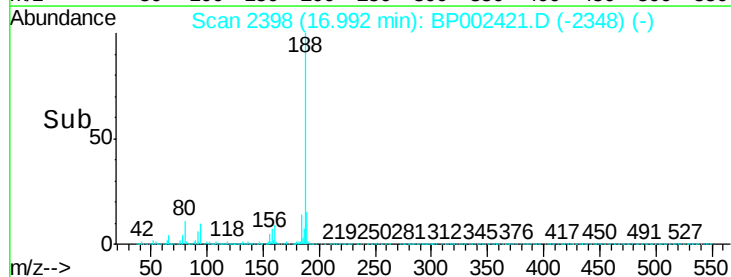
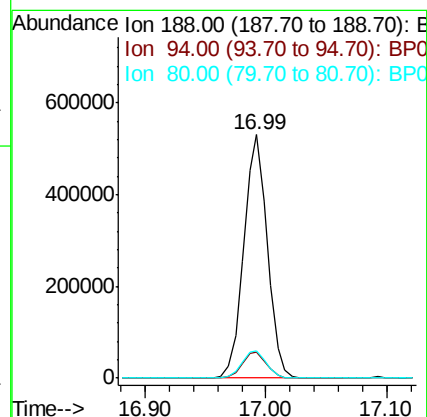
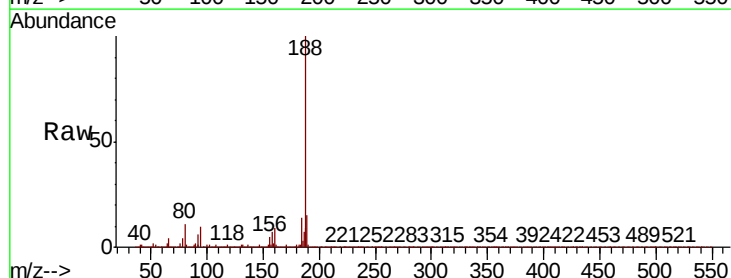
Ion	Ratio	Lower	Upper
77	100		
182	23.7	6.0	46.0
105	20.4	1.3	41.3
51	28.1	8.7	48.7

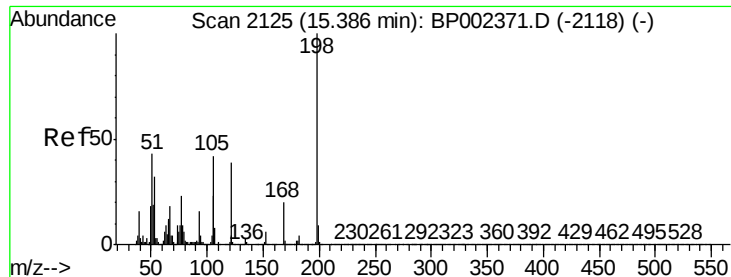


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion: 188 Resp: 721499

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.4	14.0

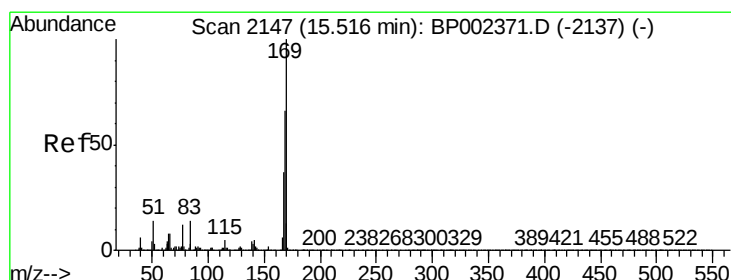
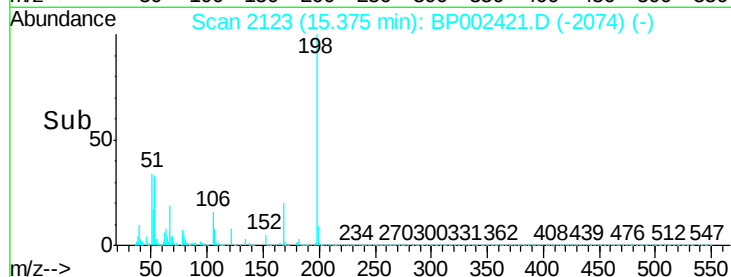
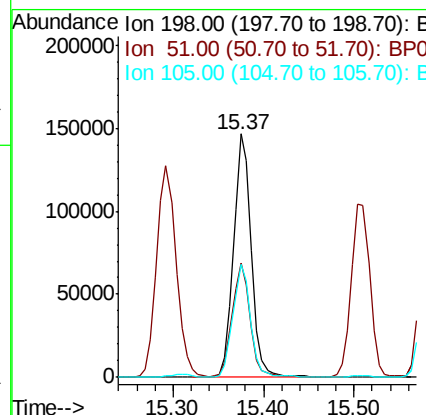
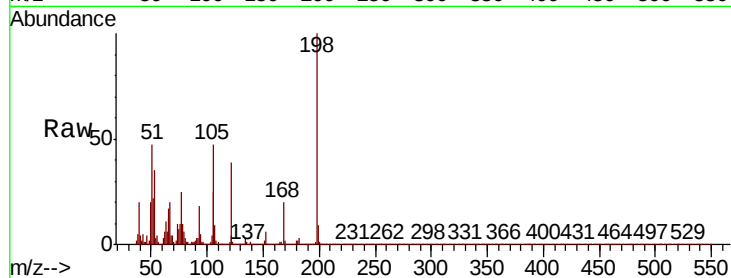




#65
4,6-Dinitro-2-methylphenol
Concen: 52.463 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

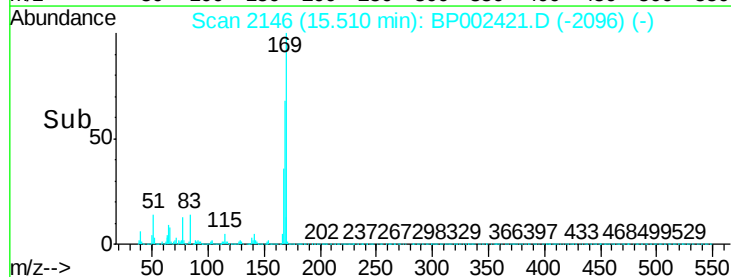
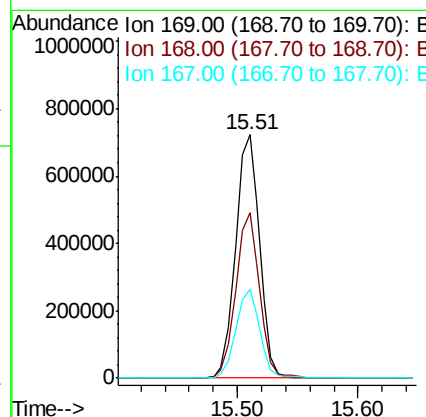
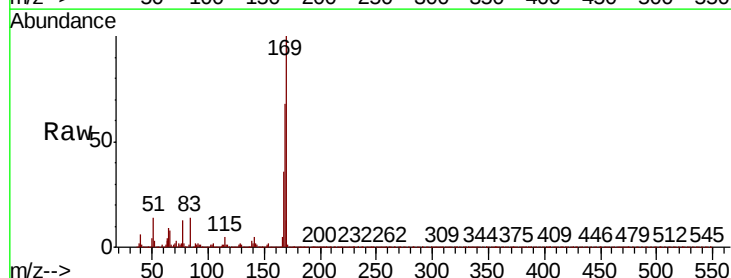
Instrument :
BNA_P
ClientSampleId :
PB129590BS

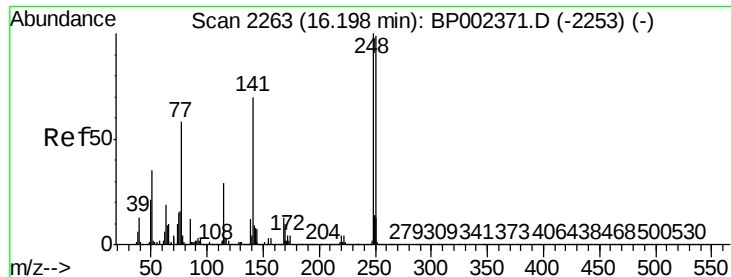
Tot Ion	Ratio	Lower	Upper
198	100		
51	47.1	23.4	63.4
105	46.5	22.5	62.5



#66
n-Nitrosodiphenylamine
Concen: 54.080 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	52.8	79.2
167	36.4	29.4	44.0

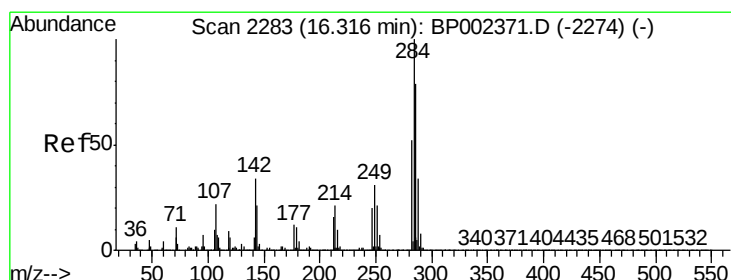
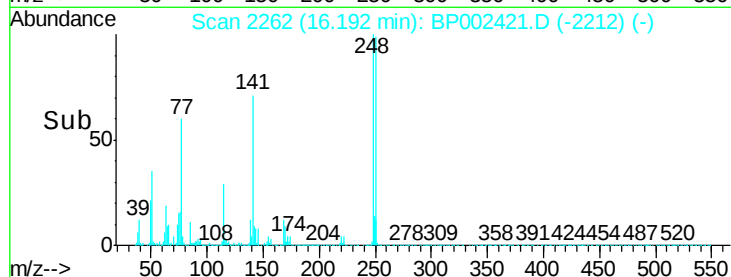
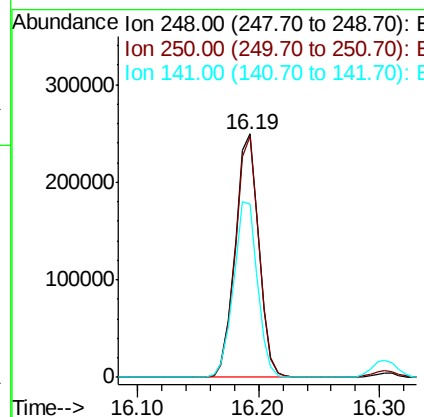
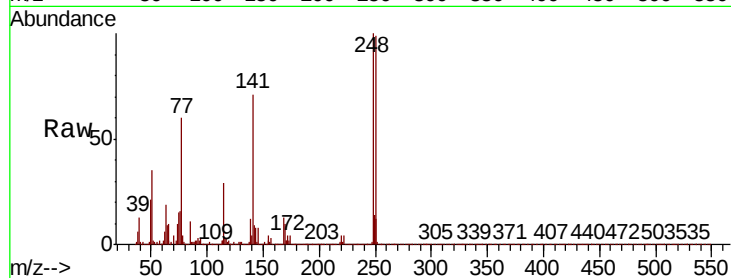




#67
4-Bromophenyl-phenylether
Concen: 49.771 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

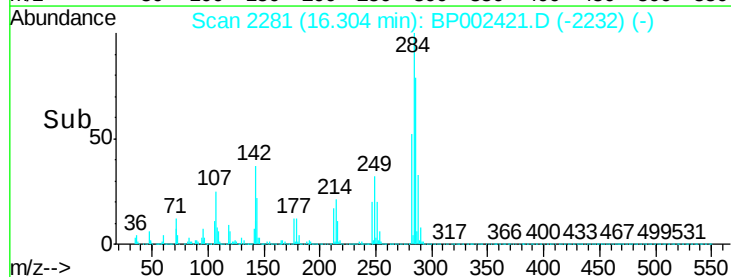
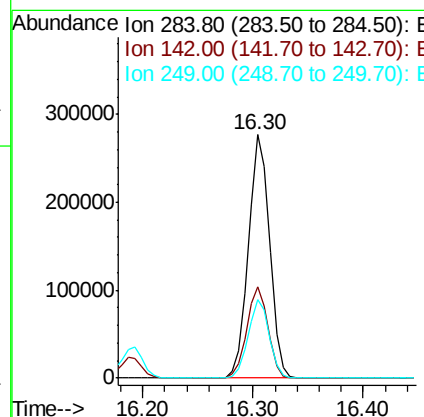
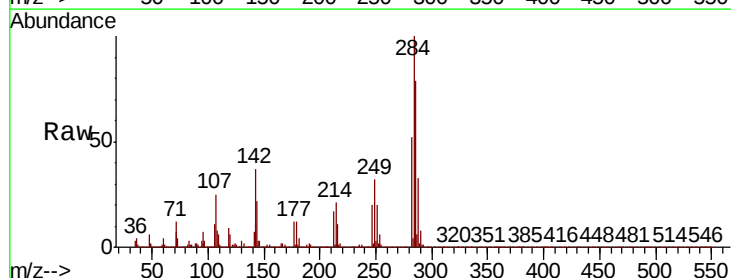
Instrument :
BNA_P
ClientSampleId :
PB129590BS

Tot Ion:248 Resp: 340175
Ion Ratio Lower Upper
248 100
250 99.0 79.3 118.9
141 70.9 55.7 83.5



#68
Hexachlorobenzene
Concen: 51.636 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:284 Resp: 374500
Ion Ratio Lower Upper
284 100
142 37.5 27.4 41.0
249 32.0 24.9 37.3

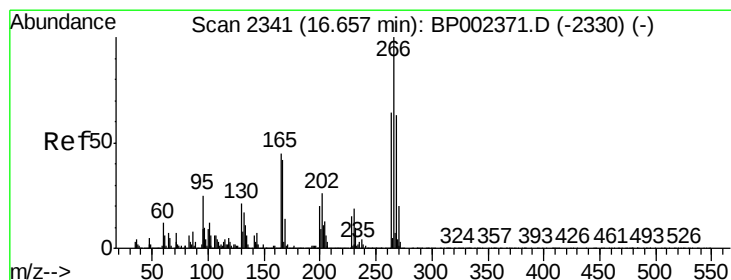
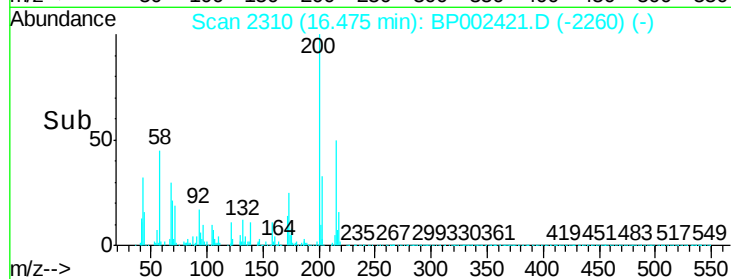
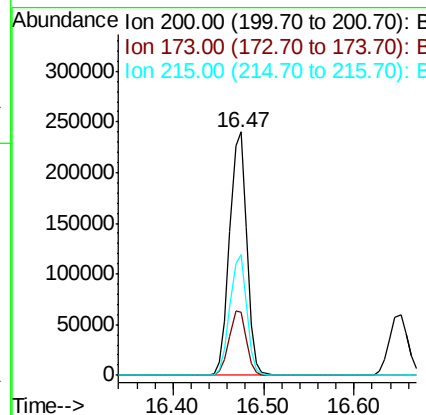
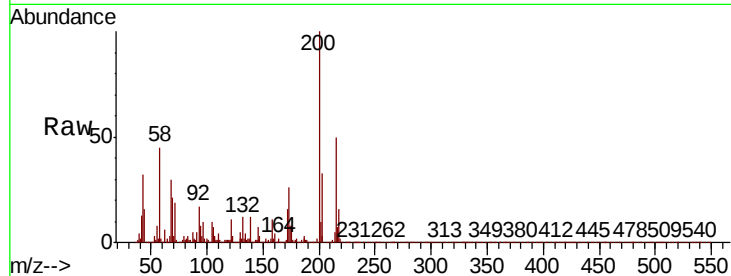




#69
Atrazine
Concen: 52.553 ng
RT: 16.47 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

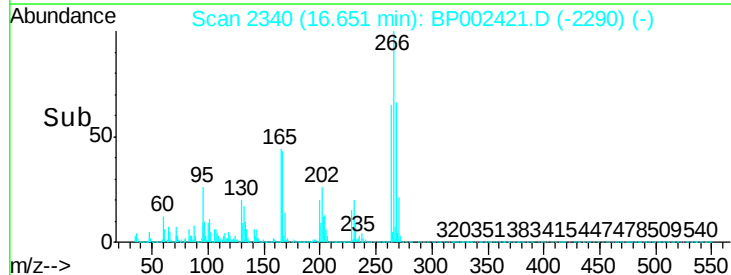
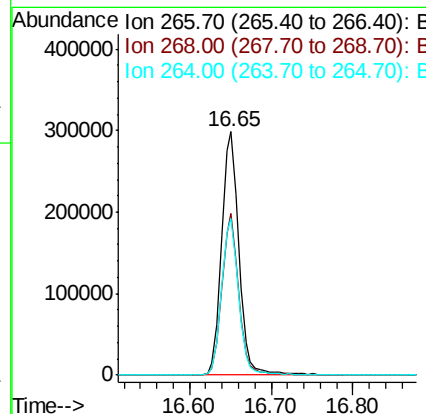
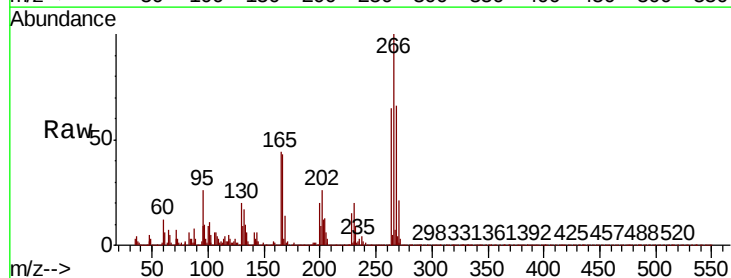
Instrument :
BNA_P
ClientSampleId :
PB129590BS

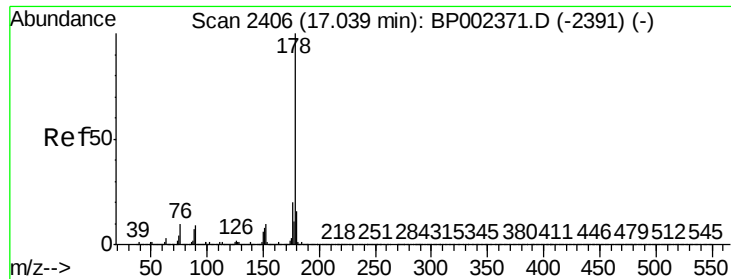
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.4	46.4
215	49.5	29.3	69.3



#70
Pentachlorophenol
Concen: 102.205 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	50.5	75.7
264	64.6	51.4	77.0





#71

Phenanthrene

Concen: 52.200 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

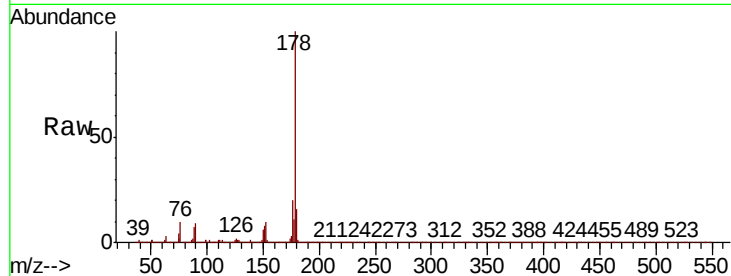
Tot Ion:178 Resp: 1761748

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

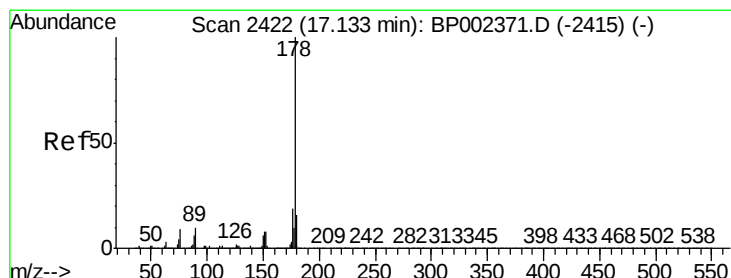
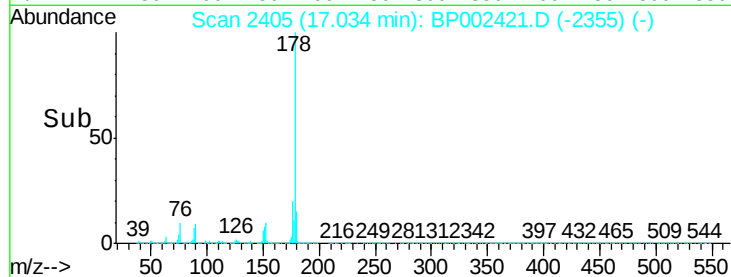
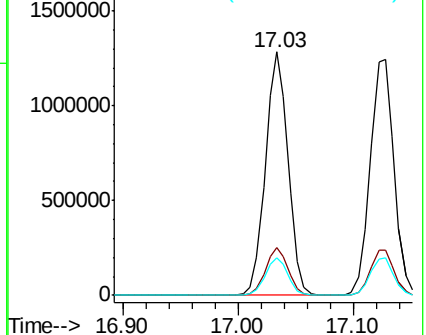
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.783 ng

RT: 17.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

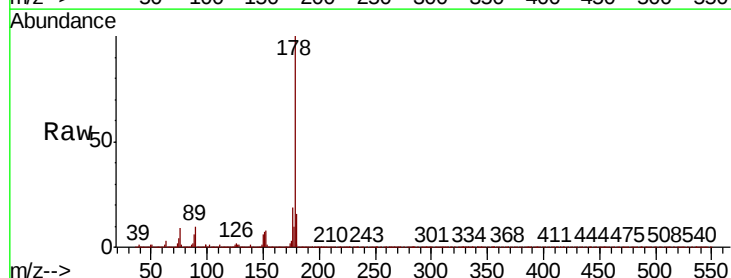
Tgt Ion:178 Resp: 1803211

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

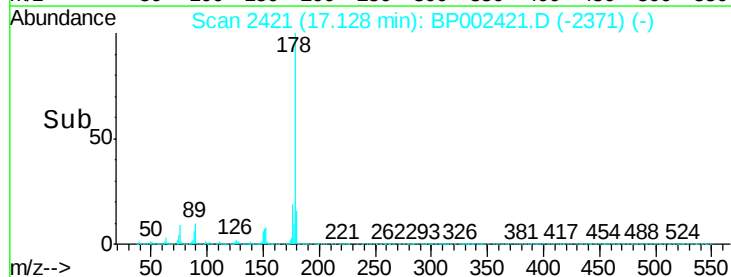
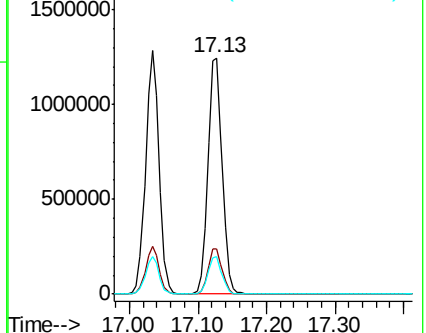
179 15.9 13.0 19.4

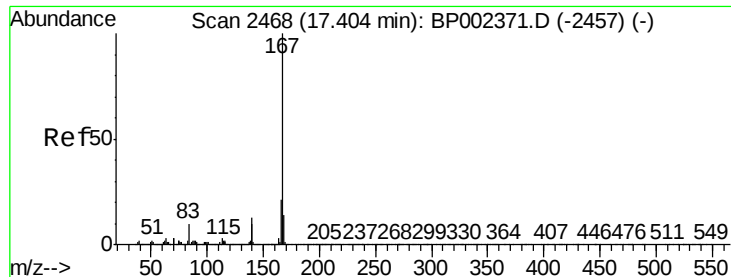


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



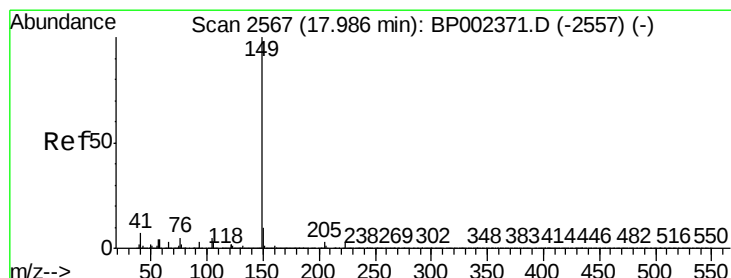
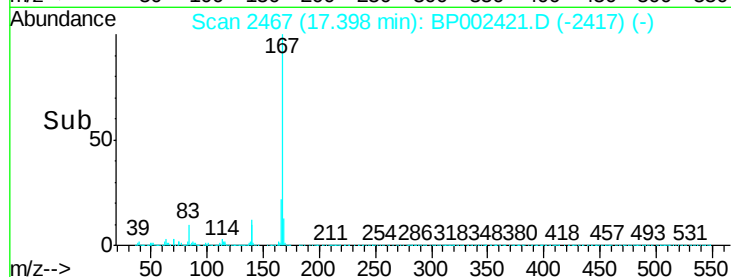
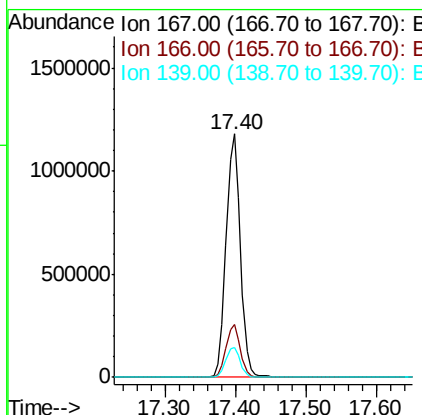
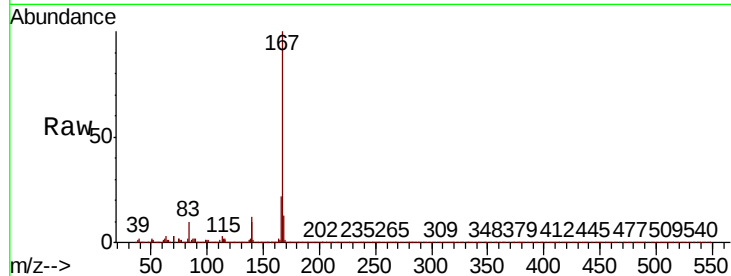


#73
 Carbazole
 Concen: 50.458 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002421.D
 Acq: 17 Jun 2020 16:17

Instrument :
 BNA_P
 ClientSampleId :
 PB129590BS

Tot Ion:167 Resp: 1664217

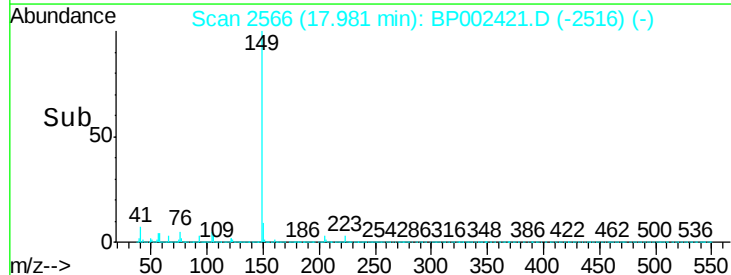
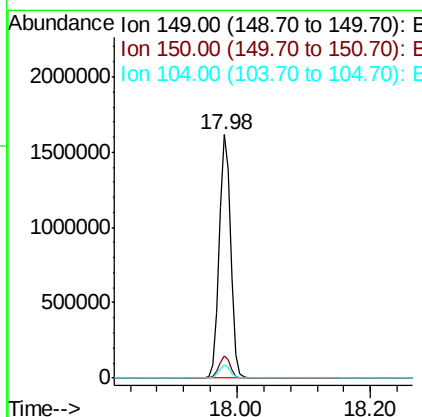
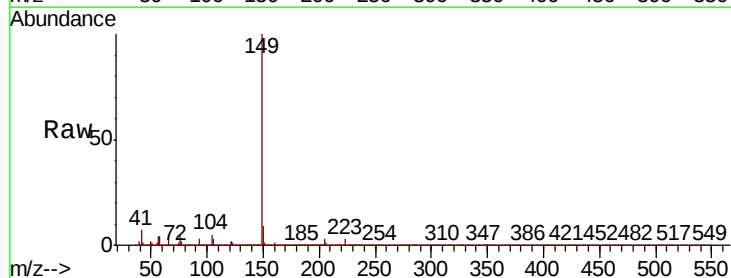
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.5	10.3	15.5

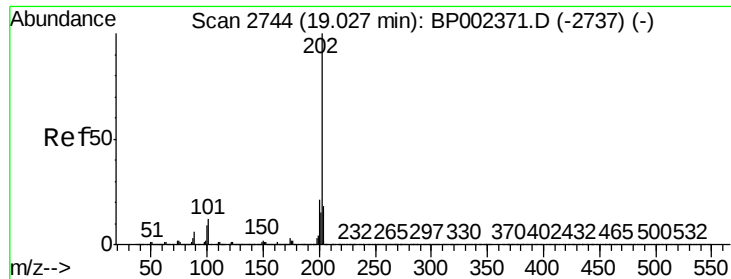


#74
 Di-n-butylphthalate
 Concen: 50.333 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002421.D
 Acq: 17 Jun 2020 16:17

Tgt Ion:149 Resp: 1964584

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 51.281 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

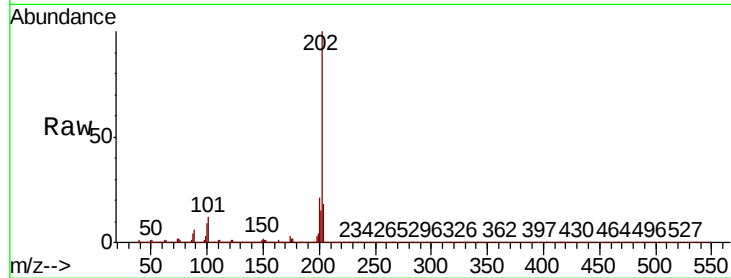
BNA_P

ClientSampleId :

PB129590BS

Tot Ion:202 Resp: 2065927

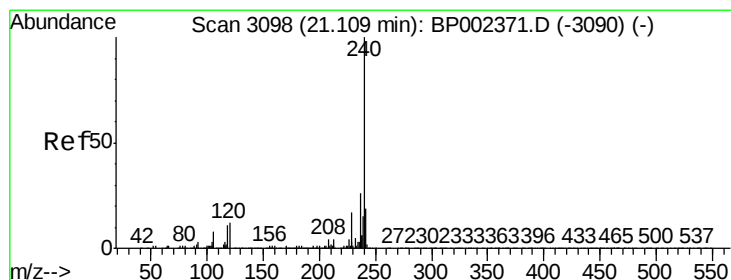
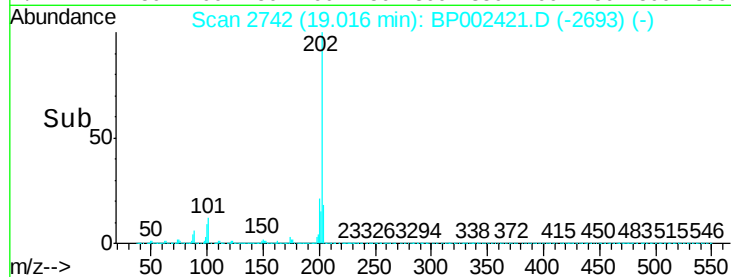
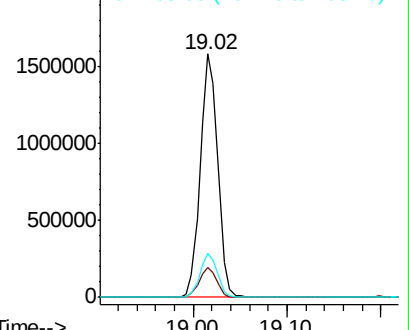
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.8
203	17.9	0.0	38.0



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: 21.10 min Scan# 3096

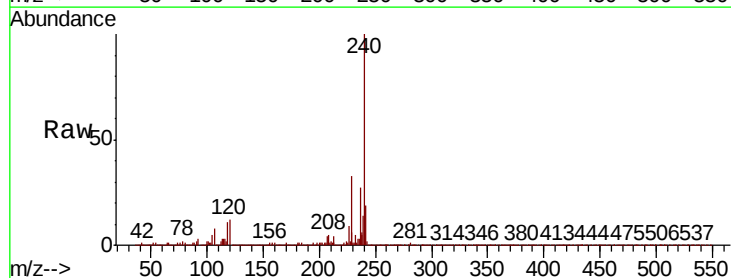
Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Tgt Ion:240 Resp: 679674

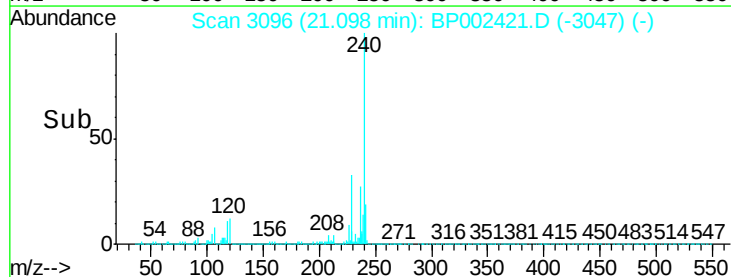
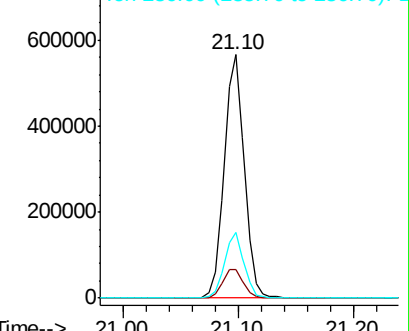
Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.3	13.9
236	27.0	21.0	31.6

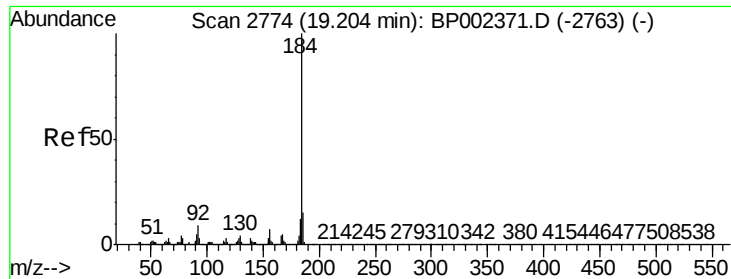


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 75.620 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

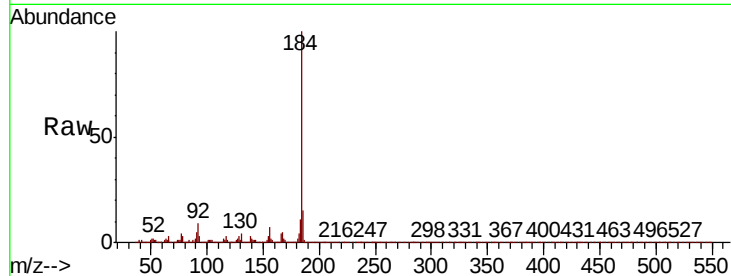
Tot Ion:184 Resp: 1148473

Ion Ratio Lower Upper

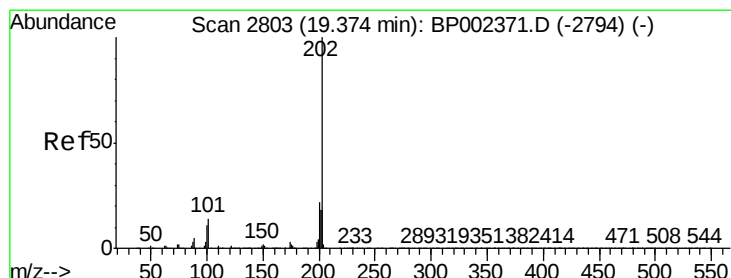
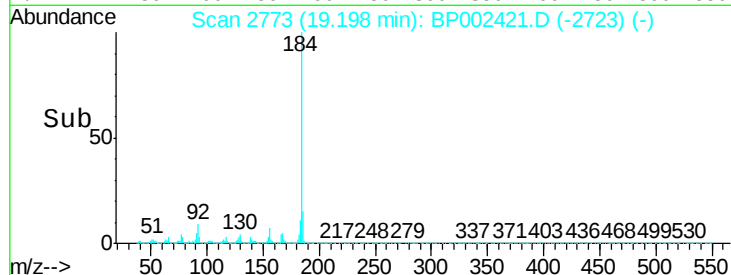
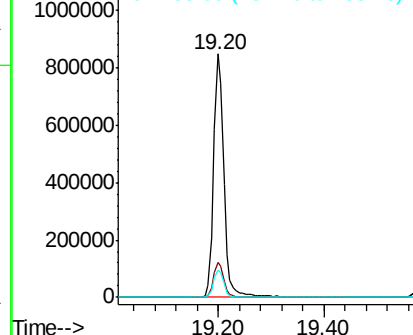
184 100

185 14.6 11.8 17.8

183 11.3 9.2 13.8



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



#78

Pyrene

Concen: 50.613 ng

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

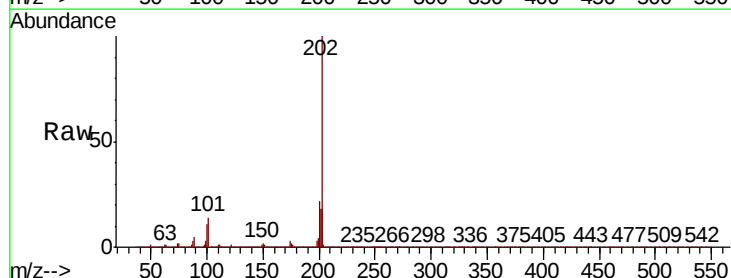
Tgt Ion:202 Resp: 2107147

Ion Ratio Lower Upper

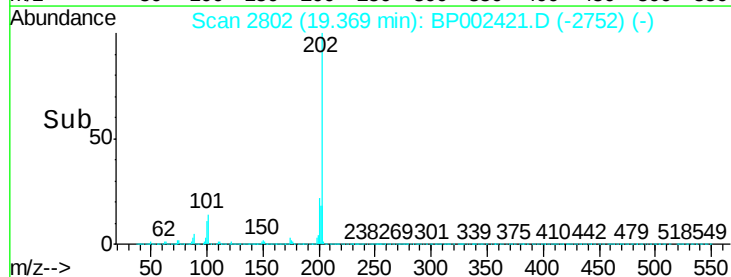
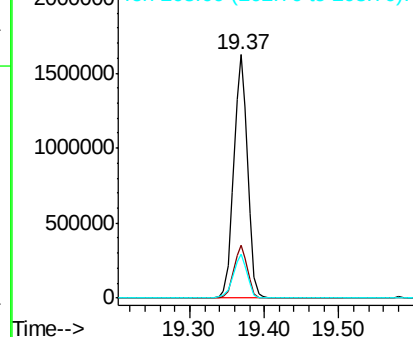
202 100

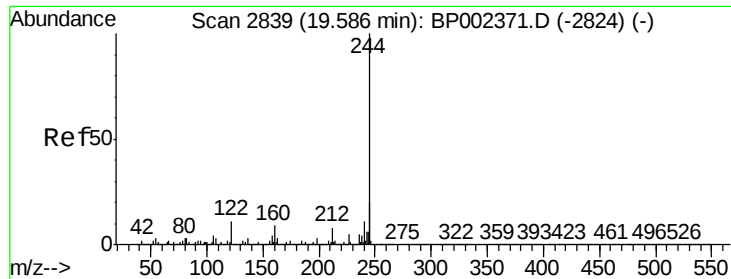
200 21.6 17.7 26.5

203 17.9 14.6 22.0



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





#79

Terphenyl-d14

Concen: 108.555 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

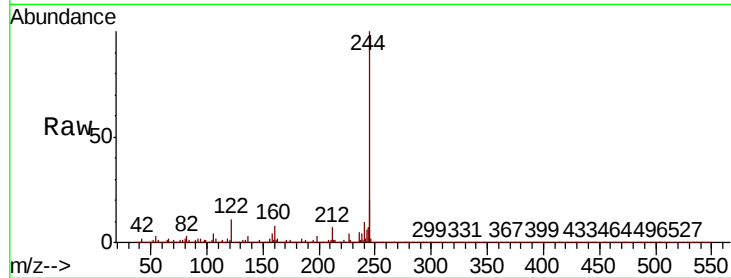
BNA_P

ClientSampleId :

PB129590BS

Tot Ion:244 Resp: 2667071

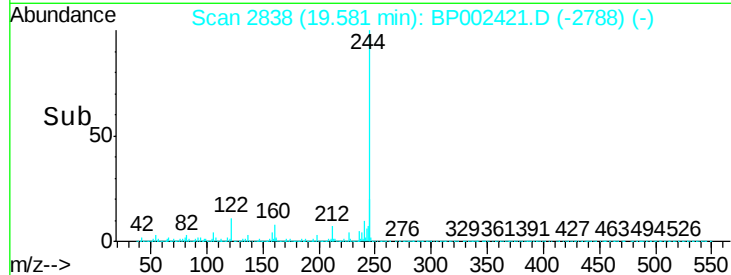
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	10.6	8.8	13.2



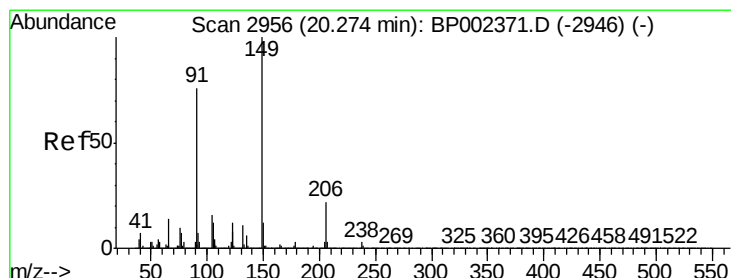
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.40 19.60 19.80



#80

Butylbenzylphthalate

Concen: 46.291 ng

RT: 20.26 min Scan# 2954

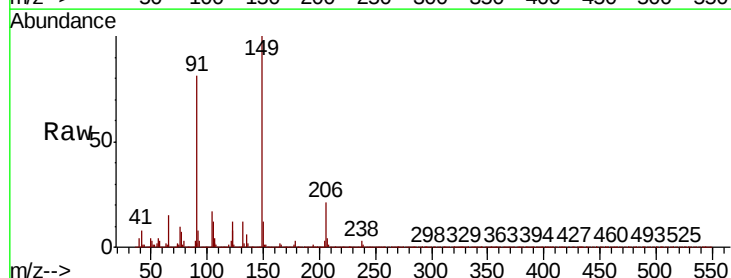
Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Tgt Ion:149 Resp: 856692

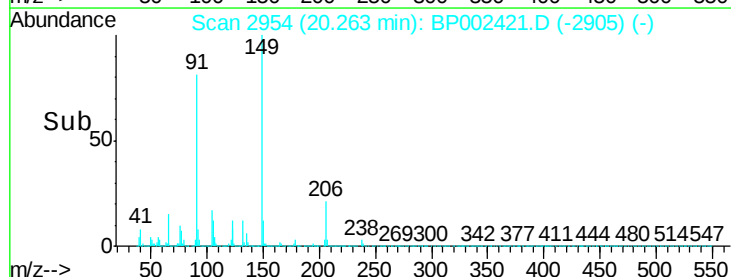
Ion	Ratio	Lower	Upper
149	100		
91	80.8	61.2	91.8
206	21.3	17.8	26.6



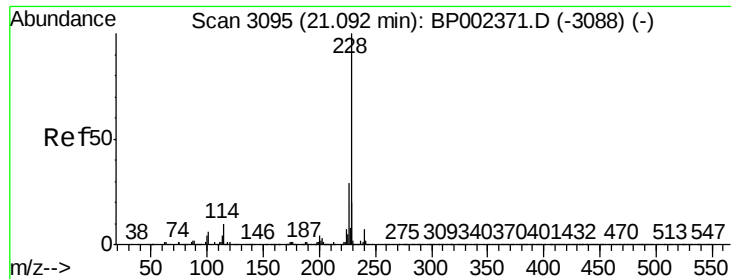
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



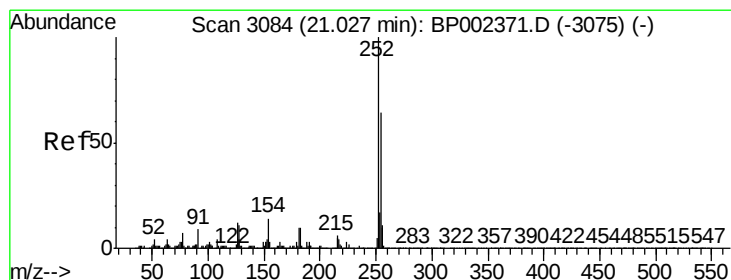
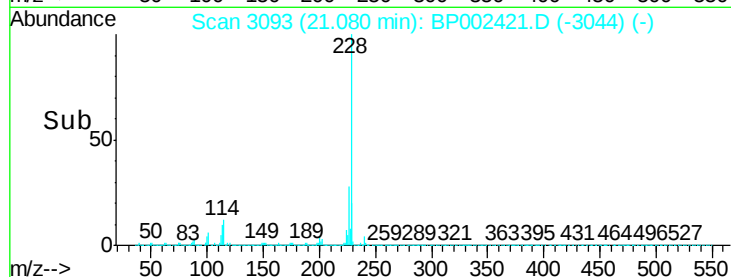
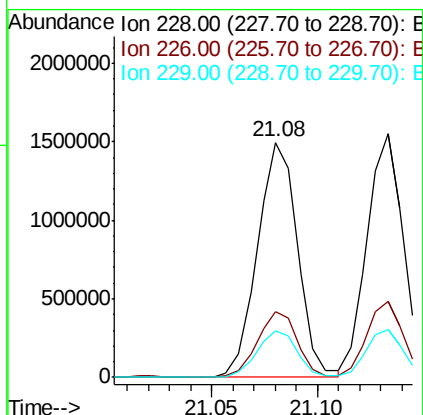
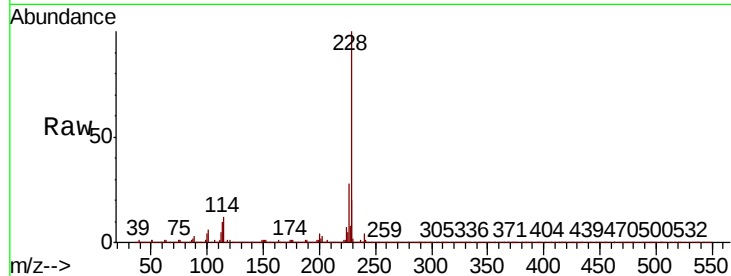
Time--> 20.20 20.30



#81
Benzo(a)anthracene
Concen: 50.915 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

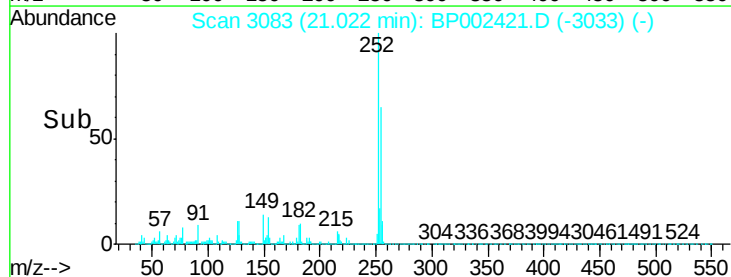
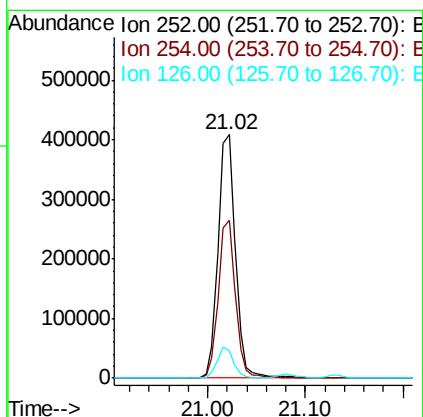
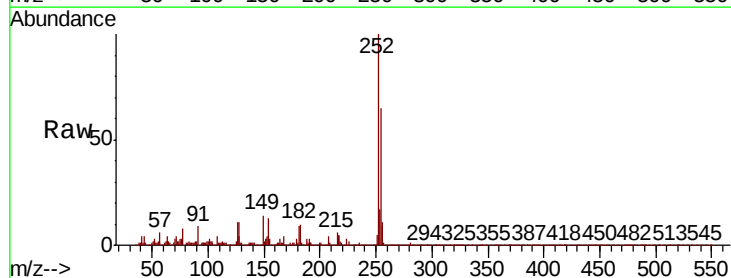
Instrument :
BNA_P
ClientSampleId :
PB129590BS

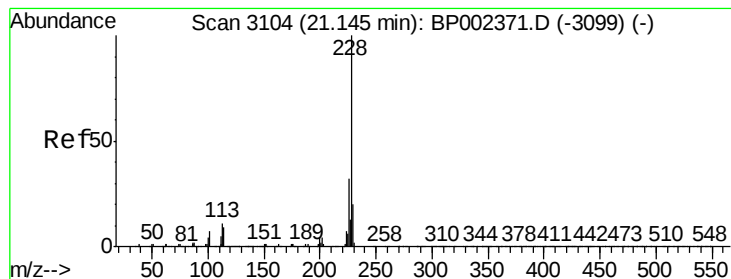
Tot Ion:228 Resp: 1975276
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 35.295 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:252 Resp: 508873
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 11.3 9.2 13.8





#83

Chrysene

Concen: 51.491 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

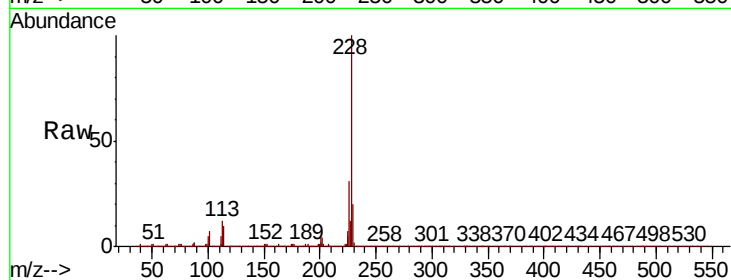
BNA_P

ClientSampleId :

PB129590BS

Tot Ion:228 Resp: 1892615

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.2	37.8
229	19.6	16.1	24.1

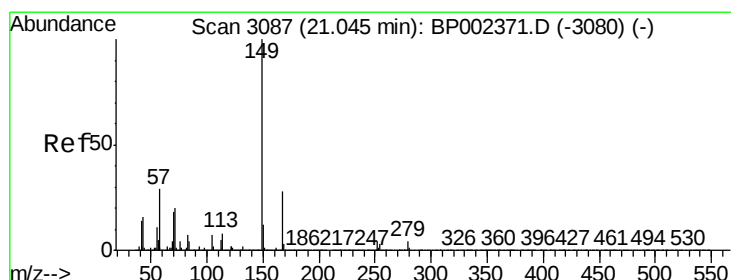
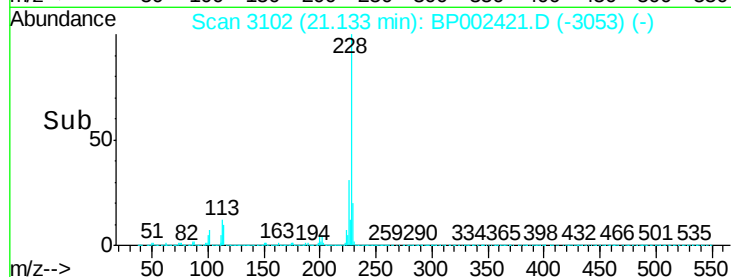
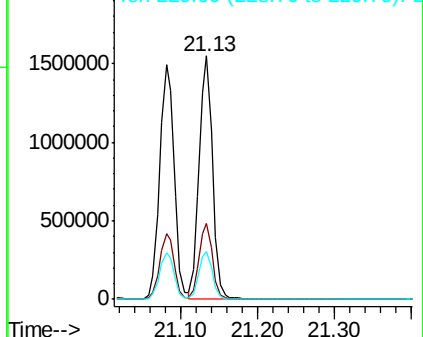


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.578 ng

RT: 21.04 min Scan# 3086

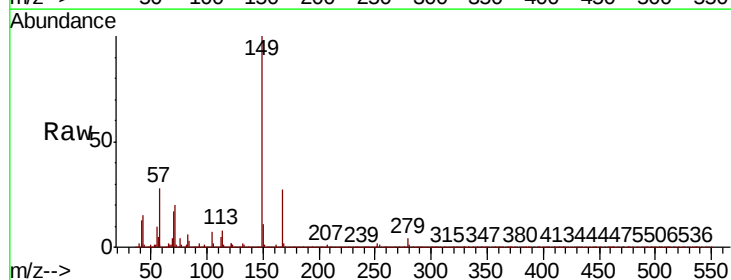
Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Tgt Ion:149 Resp: 1307753

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.3	33.5
279	4.2	3.2	4.8

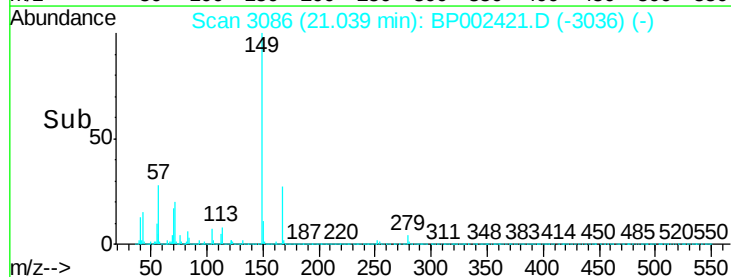
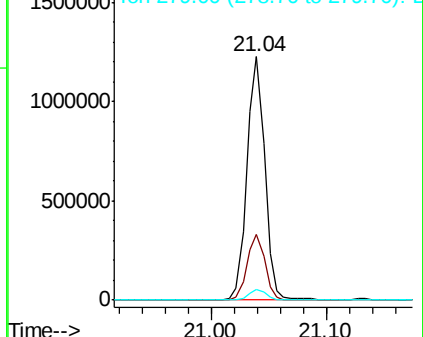


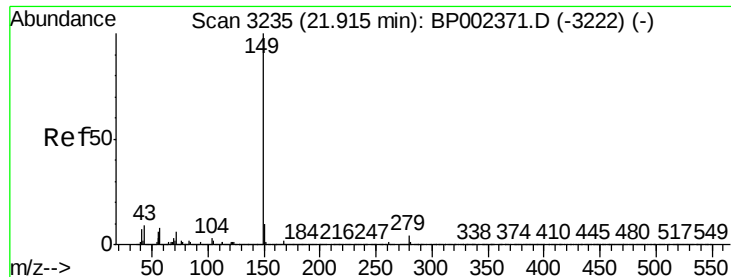
Abundance

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: 47.561 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

Instrument :

BNA_P

ClientSampleId :

PB129590BS

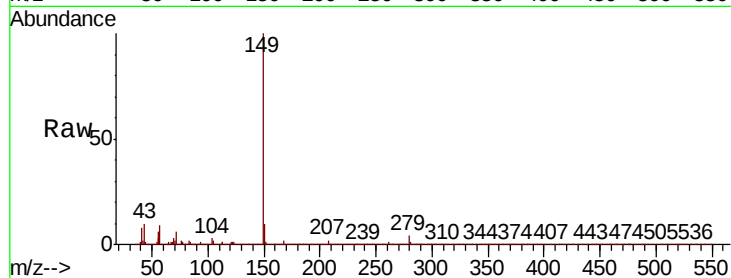
Tot Ion:149 Resp: 2245701

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

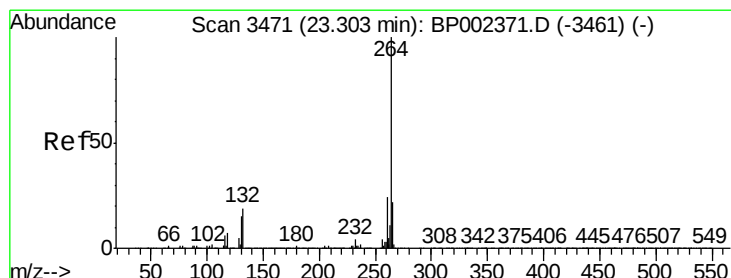
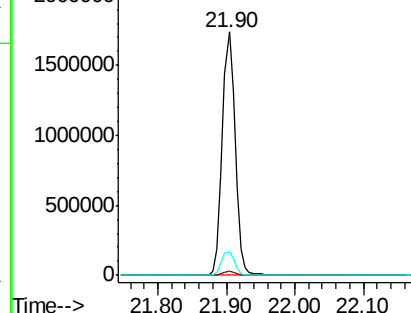
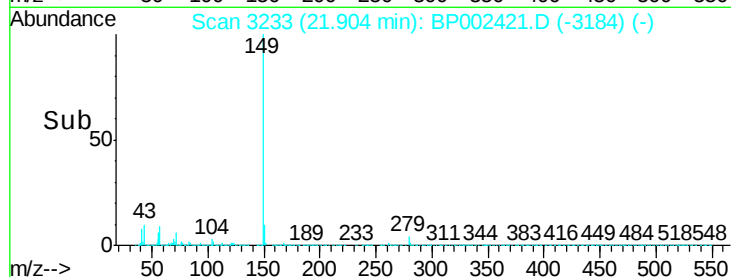
43 10.0 7.8 11.6



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

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BP002421.D

Acq: 17 Jun 2020 16:17

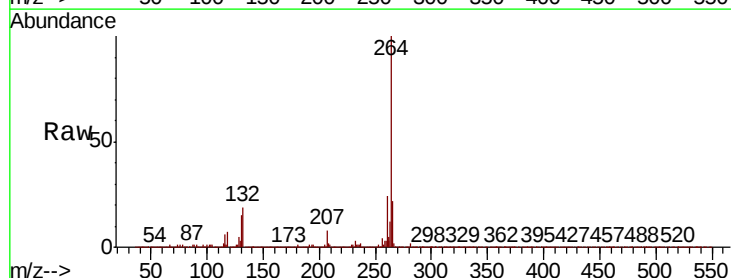
Tgt Ion:264 Resp: 763829

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

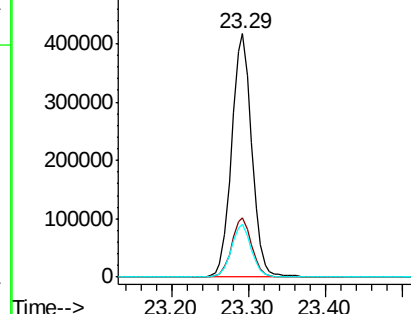
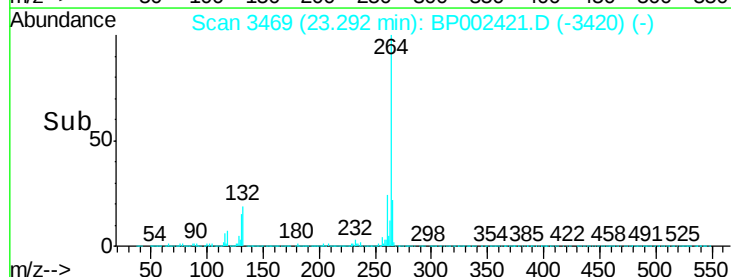
265 21.9 17.4 26.2

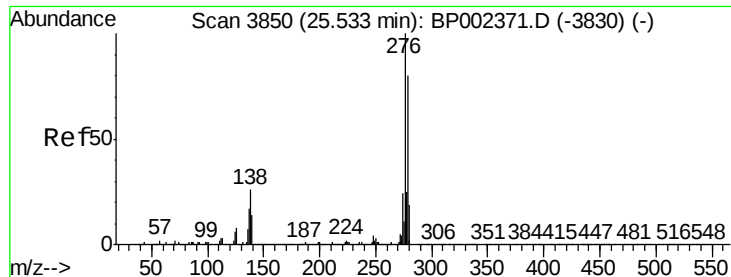


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



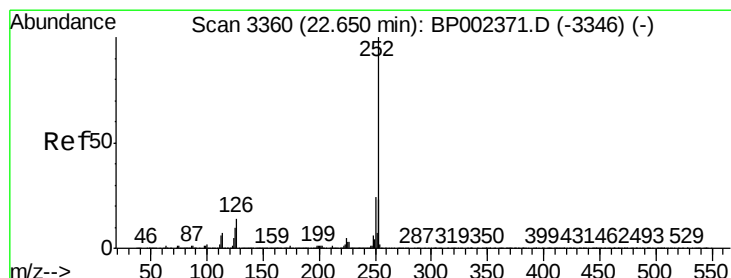
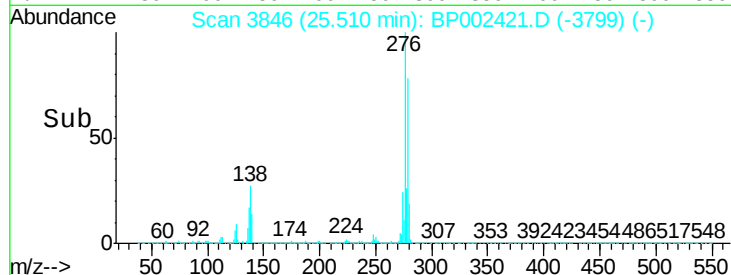
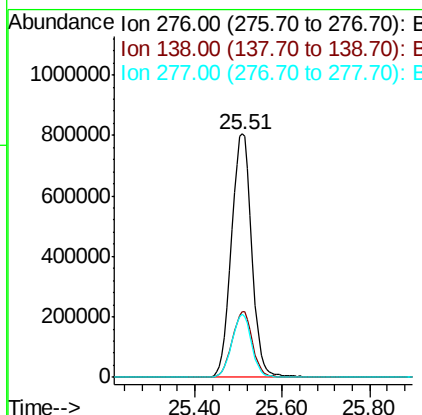
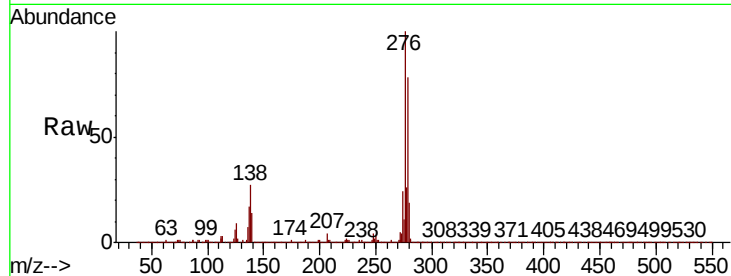


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.979 ng
 RT: 25.51 min Scan# 3846
 Delta R.T. -0.02 min
 Lab File: BP002421.D
 Acq: 17 Jun 2020 16:17

Instrument :
 BNA_P
 ClientSampleId :
 PB129590BS

Tot Ion:276 Resp: 2578861

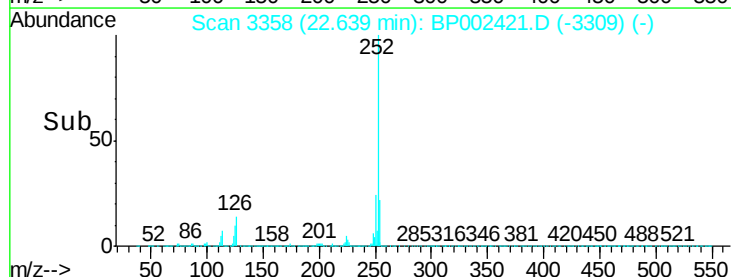
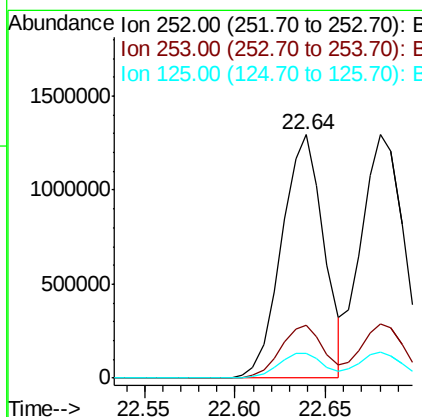
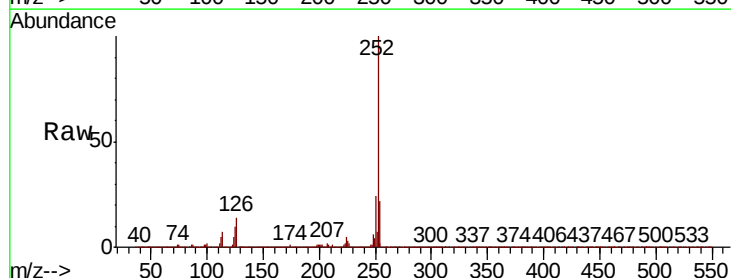
Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.2	31.8
277	25.1	20.3	30.5

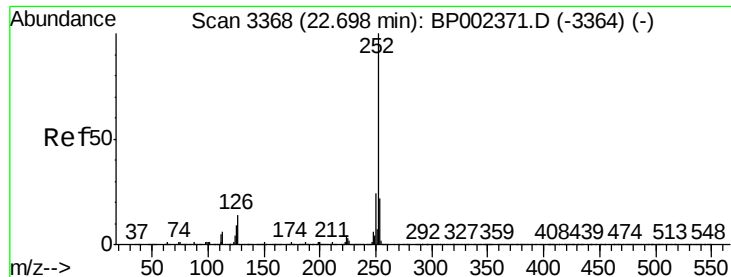


#88
 Benzo(b)fluoranthene
 Concen: 51.188 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002421.D
 Acq: 17 Jun 2020 16:17

Tgt Ion:252 Resp: 2108480

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.3	8.2	12.2

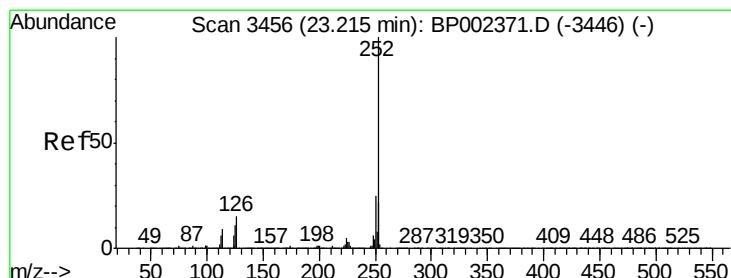
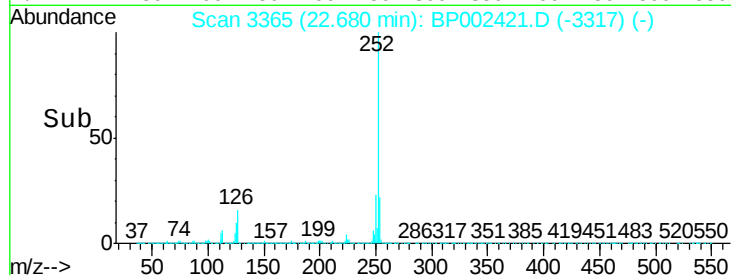
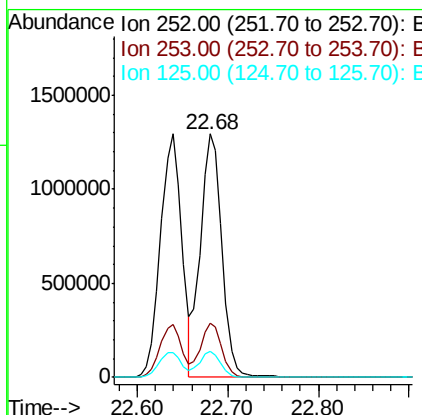
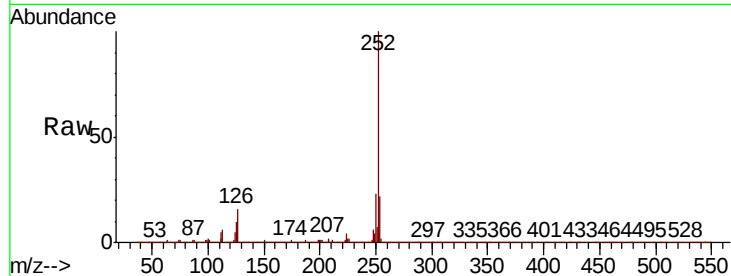




#89
Benzo(k)fluoranthene
Concen: 54.800 ng
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

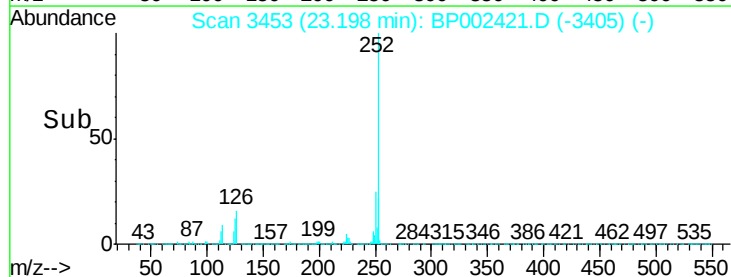
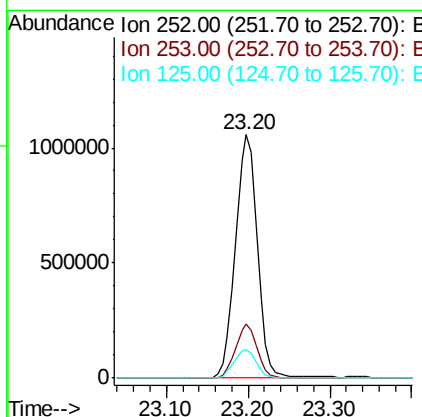
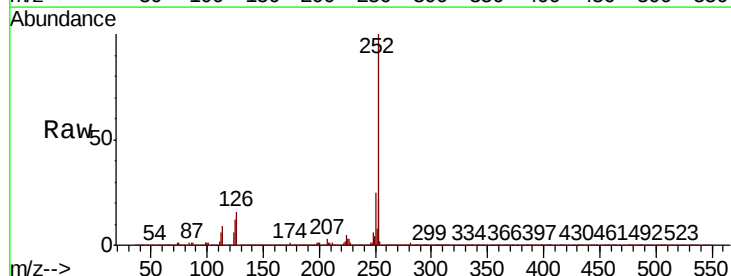
Instrument :
BNA_P
ClientSampleId :
PB129590BS

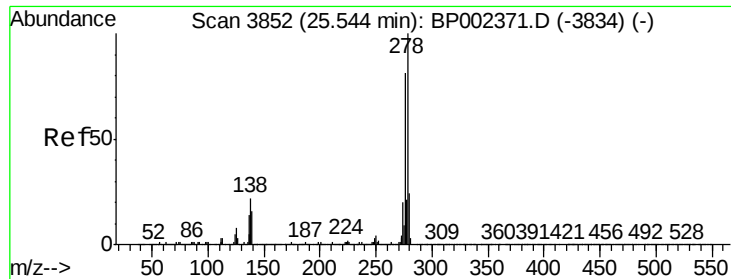
Tot Ion:252 Resp: 2144746
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.5 7.8 11.8



#90
Benzo(a)pyrene
Concen: 51.492 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:252 Resp: 1987670
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.9 9.2 13.8

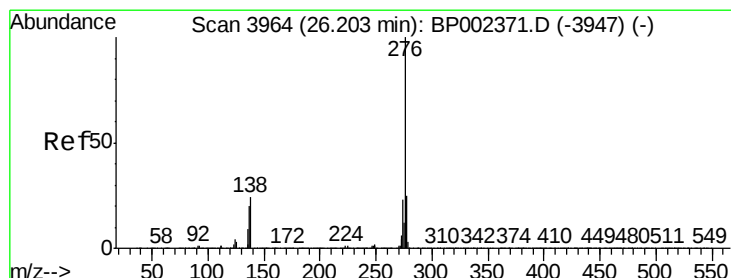
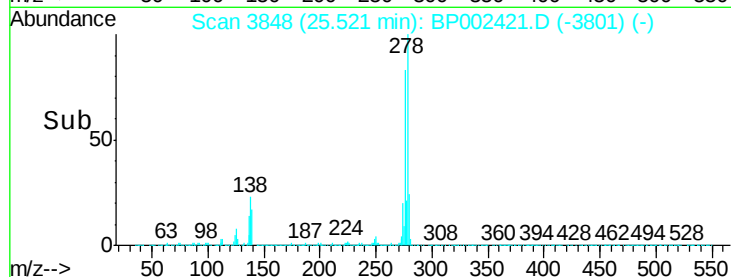
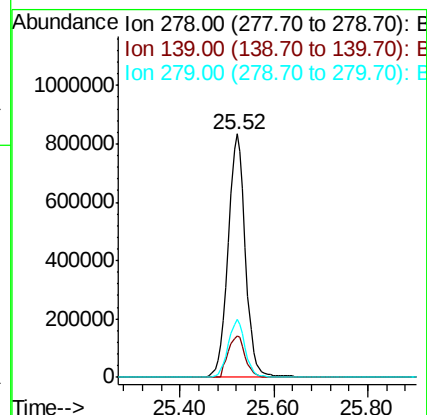
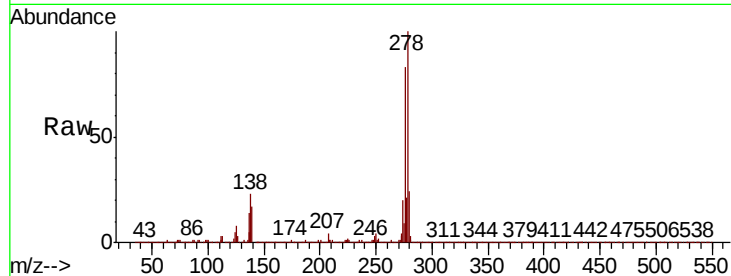




#91
Dibenzo(a,h)anthracene
Concen: 55.606 ng
RT: 25.52 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Instrument :
BNA_P
ClientSampleId :
PB129590BS

Tot Ion:278 Resp: 2130978
Ion Ratio Lower Upper
278 100
139 17.2 13.1 19.7
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 54.134 ng
RT: 26.18 min Scan# 3960
Delta R.T. -0.02 min
Lab File: BP002421.D
Acq: 17 Jun 2020 16:17

Tgt Ion:276 Resp: 2148624
Ion Ratio Lower Upper
276 100
277 24.0 19.8 29.6
138 24.0 19.2 28.8

