

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002948.D
 Acq On : 12 Aug 2020 14:19
 Operator : CG/JU
 Sample : PB130914BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

Quant Time: Aug 12 16:11:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	477984	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	1869071	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1010989	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1852259	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1430873	20.00	ng	0.00
86) Perylene-d12	23.44	264	1418782	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	3230121	103.43	ng	0.00
7) Phenol-d6	6.88	99	3826393	88.25	ng	0.00
23) Nitrobenzene-d5	8.85	82	2044821	59.26	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1180637	93.96	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	5256747	71.04	ng	0.00
79) Terphenyl-d14	19.67	244	5830494	81.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	377715	28.175	ng	99
3) Pyridine	3.63	79	988884	26.476	ng	98
4) n-Nitrosodimethylamine	3.55	42	331260	30.193	ng	99
6) Aniline	7.03	93	1417857	28.185	ng	99
8) 2-Chlorophenol	7.27	128	1397803	41.977	ng	99
9) Benzaldehyde	6.84	77	136649	5.919	ng	98
10) Phenol	6.90	94	1516283	34.722	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	1164199	34.661	ng	100
12) 1,3-Dichlorobenzene	7.59	146	1491283	39.679	ng	100
13) 1,4-Dichlorobenzene	7.73	146	1510829	39.770	ng	100
14) 1,2-Dichlorobenzene	8.05	146	1425328	39.343	ng	100
15) Benzyl Alcohol	7.93	79	873612	30.536	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	983551	31.169	ng	99
17) 2-Methylphenol	8.15	107	1034332	37.066	ng	99
18) Hexachloroethane	8.78	117	502251	37.905	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	708095	28.342	ng	98
20) 3+4-Methylphenols	8.47	107	1384195	36.805	ng	99
22) Acetophenone	8.52	105	1706932	32.368	ng	99
24) Nitrobenzene	8.89	77	1135684	30.314	ng	99
25) Isophorone	9.42	82	2106688	28.416	ng	100
26) 2-Nitrophenol	9.60	139	679529	43.882	ng	99
27) 2,4-Dimethylphenol	9.67	122	1104403	37.408	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	1451118	35.084	ng	100
29) 2,4-Dichlorophenol	10.13	162	1205764	38.805	ng	100
30) 1,2,4-Trichlorobenzene	10.35	180	1302203	35.851	ng	99
31) Naphthalene	10.53	128	3983952	37.235	ng	100
32) Benzoic acid	9.81	122	706372	41.853	ng	97
33) 4-Chloroaniline	10.63	127	954725	21.532	ng	99
34) Hexachlorobutadiene	10.83	225	711767	32.021	ng	99
35) Caprolactam	11.40	113	221977	23.088	ng	96
36) 4-Chloro-3-methylphenol	11.77	107	1110493	34.381	ng	99
37) 2-Methylnaphthalene	12.15	142	2832058	37.211	ng	100
38) 1-Methylnaphthalene	12.37	142	2678903	37.392	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1227927	33.782	ng	99

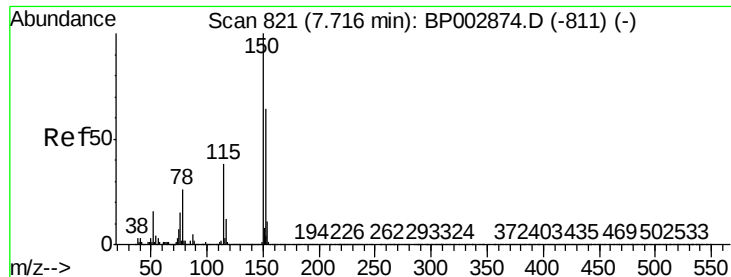
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	1442570	76.502	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	844498	40.086	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	905172	39.167	ng	99
46) 1,1'-Biphenyl	13.17	154	3302240	39.511	ng	99
47) 2-Chloronaphthalene	13.21	162	2575764	39.357	ng	100
48) 2-Nitroaniline	13.40	65	510162	32.637	ng	97
49) Acenaphthylene	14.06	152	3989813	38.872	ng	100
50) Dimethylphthalate	13.80	163	3022641	38.226	ng	100
51) 2,6-Dinitrotoluene	13.91	165	665964	38.005	ng	99
52) Acenaphthene	14.40	154	2481071	37.610	ng	100
53) 3-Nitroaniline	14.23	138	488327	27.585	ng	95
54) 2,4-Dinitrophenol	14.45	184	602465	80.207	ng	97
55) Dibenzofuran	14.74	168	3697474	36.541	ng	99
56) 4-Nitrophenol	14.56	139	1156586	82.487	ng	98
57) 2,4-Dinitrotoluene	14.70	165	873235	38.032	ng	97
58) Fluorene	15.39	166	2849883	35.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	739391	38.344	ng	99
60) Diethylphthalate	15.18	149	2917725	37.762	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1374699	33.715	ng	99
62) 4-Nitroaniline	15.40	138	652902	36.208	ng	99
63) Azobenzene	15.69	77	2244449	28.854	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	407266	43.033	ng	99
66) n-Nitrosodiphenylamine	15.60	169	2504318	40.824	ng	99
67) 4-Bromophenyl-phenylether	16.29	248	825662	36.640	ng	99
68) Hexachlorobenzene	16.40	284	949169	36.416	ng	99
69) Atrazine	16.56	200	680884	32.761	ng	99
70) Pentachlorophenol	16.75	266	1067663	78.992	ng	100
71) Phenanthrene	17.13	178	4247770	39.108	ng	99
72) Anthracene	17.23	178	4272452	40.246	ng	100
73) Carbazole	17.49	167	3871301	37.342	ng	99
74) Di-n-butylphthalate	18.07	149	4538494	41.616	ng	100
75) Fluoranthene	19.11	202	4451041	35.568	ng	100
77) Benzidine	19.29	184	1308979	30.000	ng	99
78) Pyrene	19.46	202	4439668	44.384	ng	99
80) Butylbenzylphthalate	20.35	149	1768965	43.820	ng	99
81) Benzo(a)anthracene	21.17	228	3788072	38.866	ng	98
82) 3,3'-Dichlorobenzidine	21.10	252	1263555	32.754	ng	100
83) Chrysene	21.22	228	3629774	39.480	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2586815	46.728	ng	98
85) Di-n-octyl phthalate	22.00	149	4038141	44.403	ng	100
87) Indeno(1,2,3-cd)pyrene	25.74	276	5064564	44.572	ng	100
88) Benzo(b)fluoranthene	22.76	252	3952518	39.478	ng	99
89) Benzo(k)fluoranthene	22.81	252	3790277	40.053	ng	99
90) Benzo(a)pyrene	23.34	252	3628162	40.105	ng	99
91) Dibenzo(a,h)anthracene	25.76	278	4228982	43.730	ng	100
92) Benzo(g,h,i)perylene	26.44	276	4238055	45.319	ng	100

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

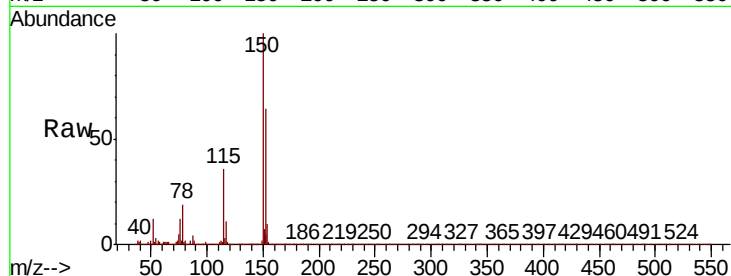


#1

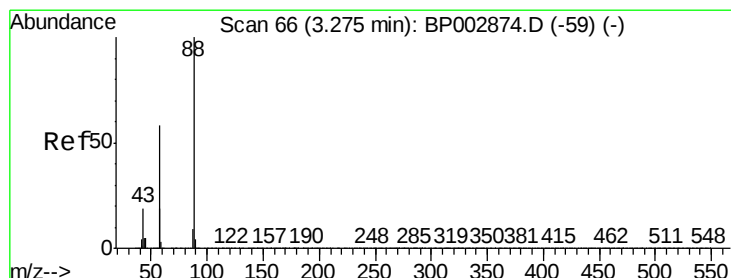
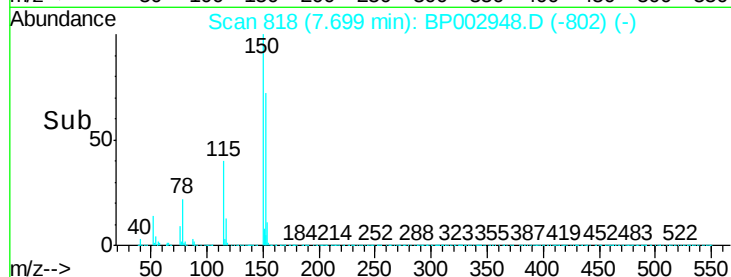
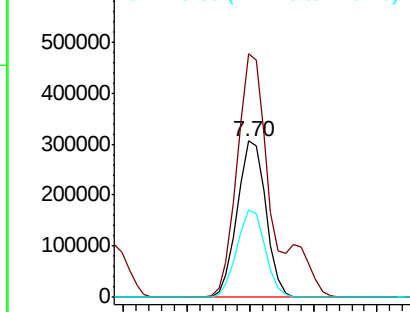
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.4
115	55.9	42.1	63.1



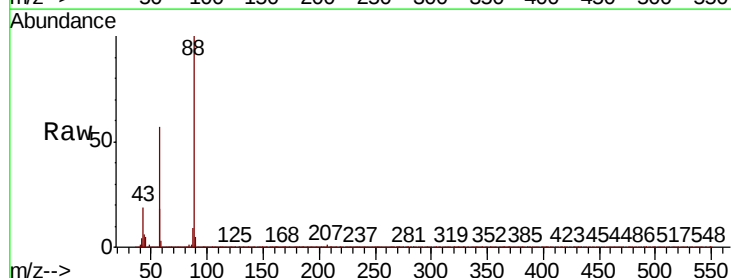
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



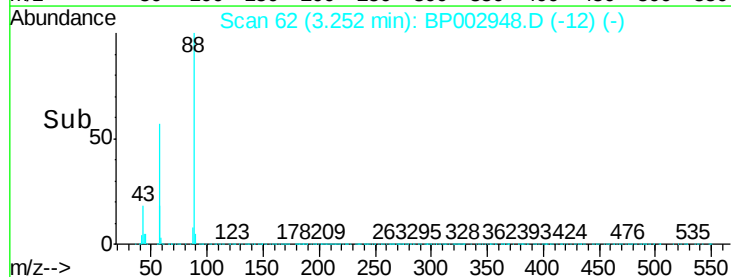
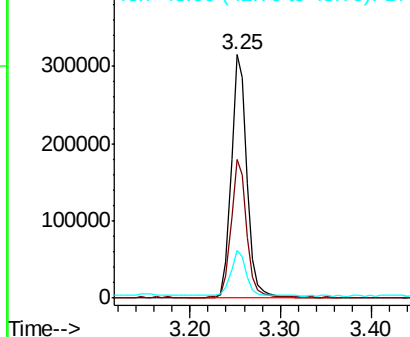
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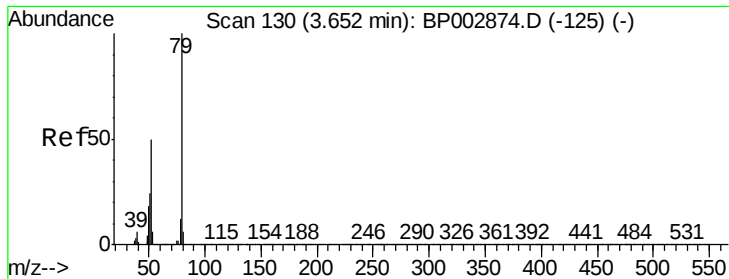
1,4-Dioxane
Concen: 28.175 ng
RT: 3.25 min Scan# 62
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	45.1	67.7
43	19.5	14.6	21.8



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: 26.476 ng

RT: 3.63 min Scan# 127

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

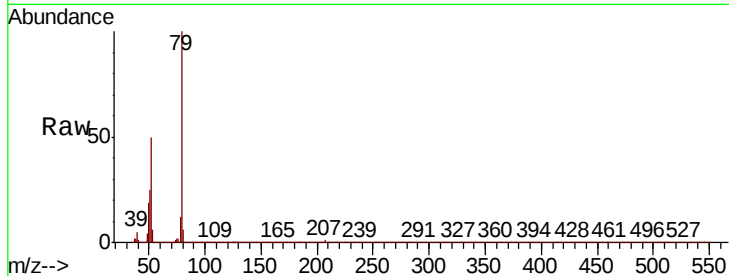
Tot Ion: 79 Resp: 988884

Ion Ratio Lower Upper

79 100

52 49.7 40.9 61.3

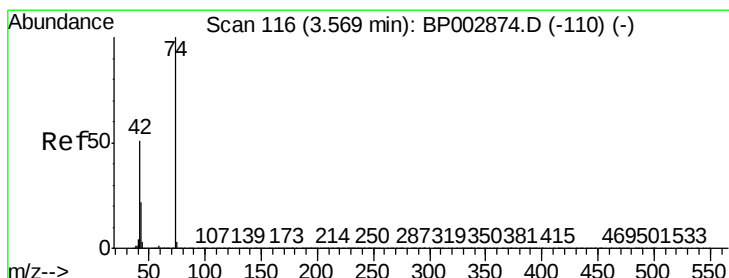
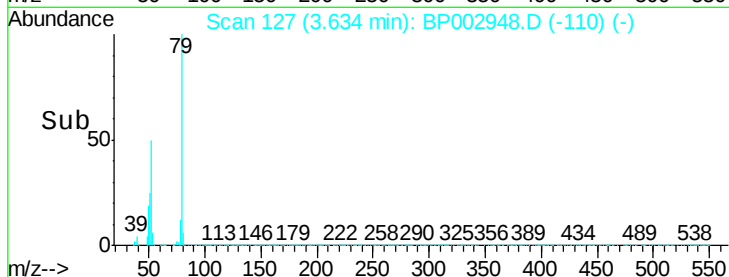
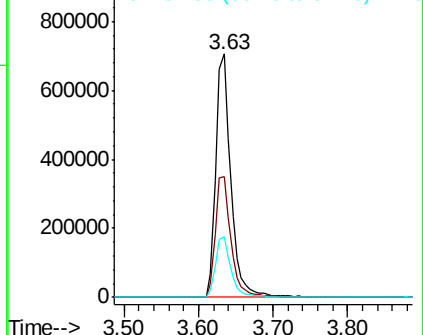
51 24.7 20.6 30.8



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: 30.193 ng

RT: 3.55 min Scan# 112

Delta R.T. -0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

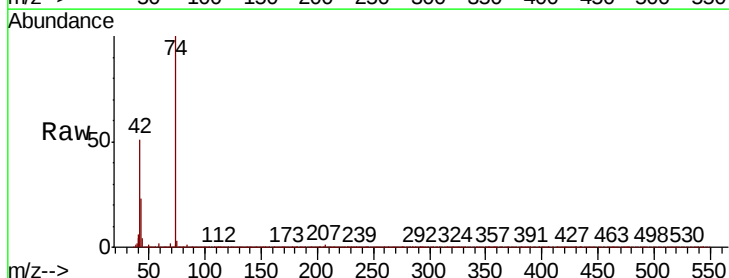
Tgt Ion: 42 Resp: 331260

Ion Ratio Lower Upper

42 100

74 196.9 158.3 237.5

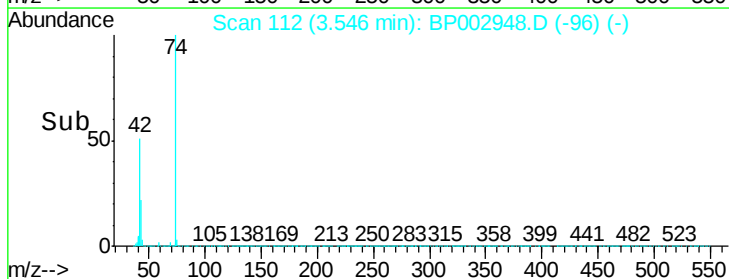
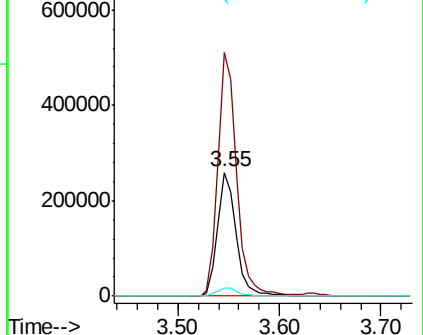
44 6.9 6.0 9.0

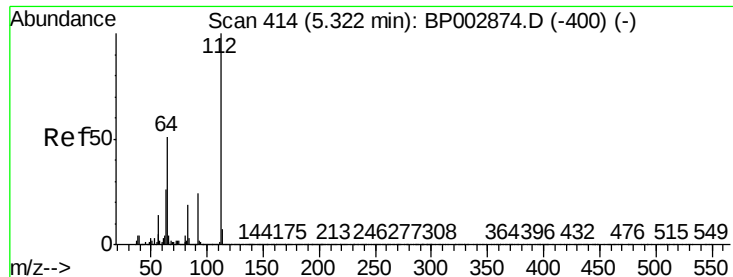


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 103.428 ng

RT: 5.31 min Scan# 412

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

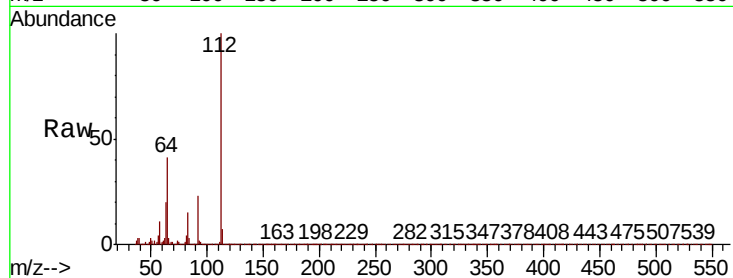
Tot Ion:112 Resp: 3230121

Ion Ratio Lower Upper

112 100

64 41.0 33.8 50.8

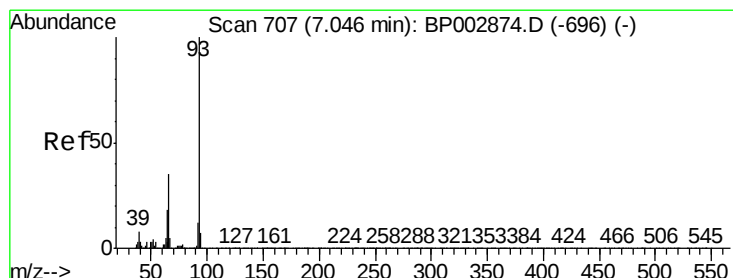
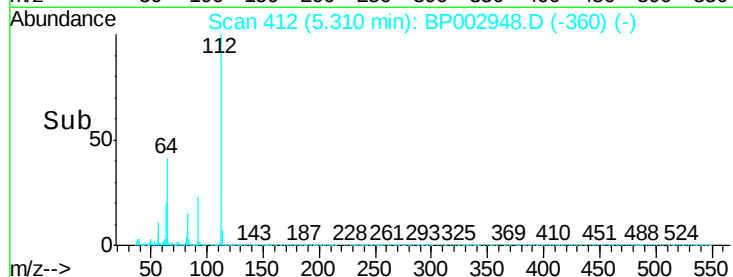
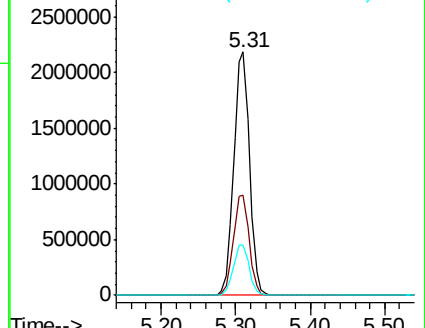
63 20.4 17.2 25.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 28.185 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

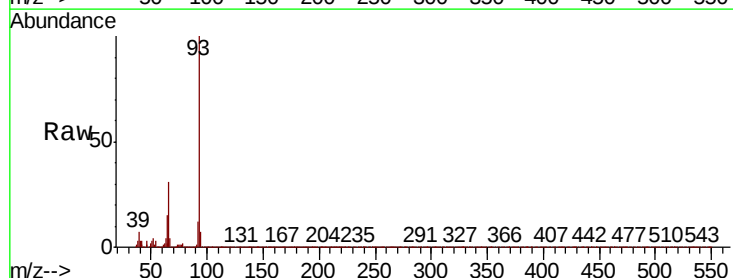
Tgt Ion: 93 Resp: 1417857

Ion Ratio Lower Upper

93 100

66 31.0 24.5 36.7

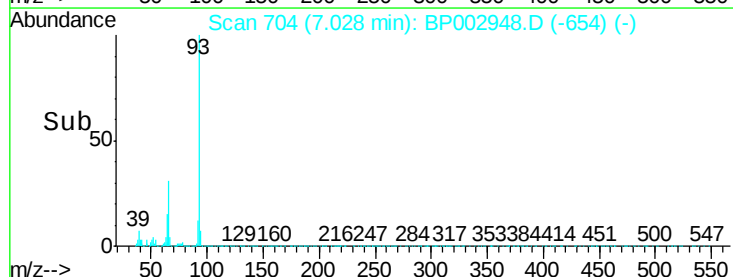
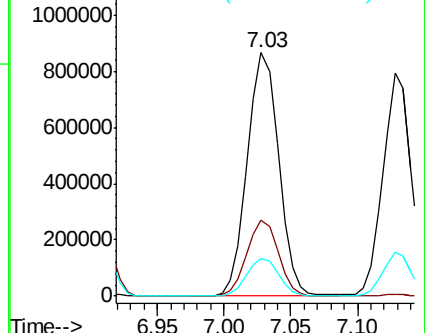
65 15.3 12.4 18.6

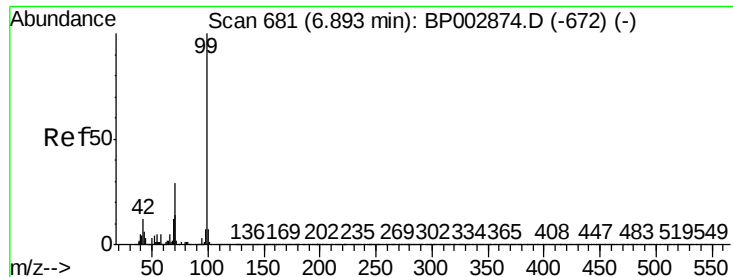


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 88.248 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

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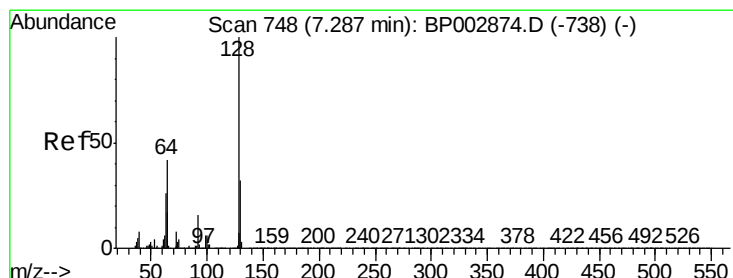
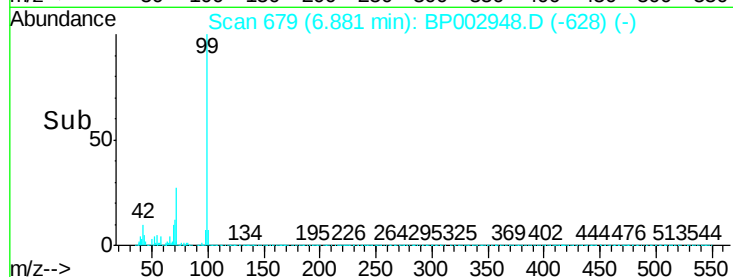
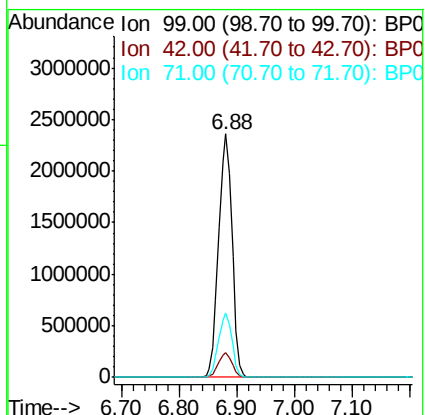
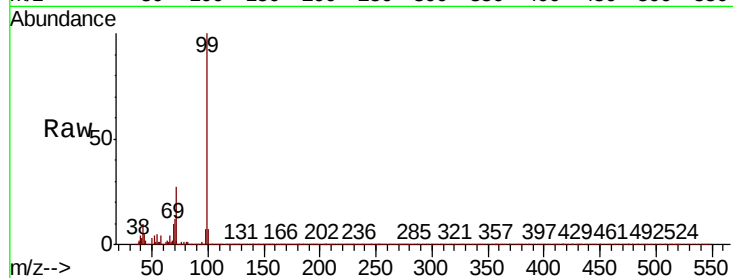
Tot Ion: 99 Resp: 3826393

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.1	12.1
71	26.7	21.0	31.4

99 100

42 10.0 8.1 12.1

71 26.7 21.0 31.4



#8

2-Chlorophenol

Concen: 41.977 ng

RT: 7.27 min Scan# 745

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

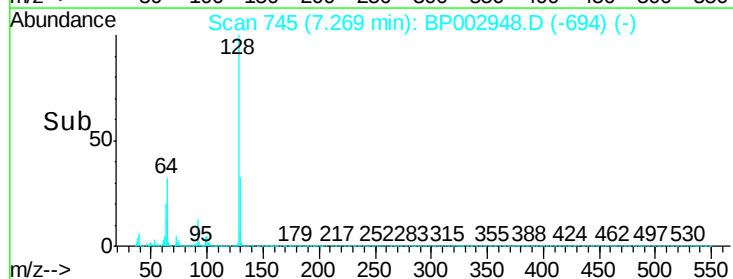
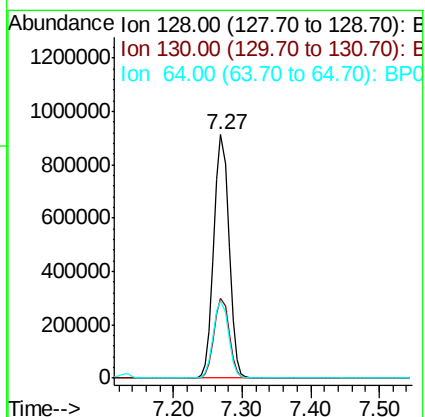
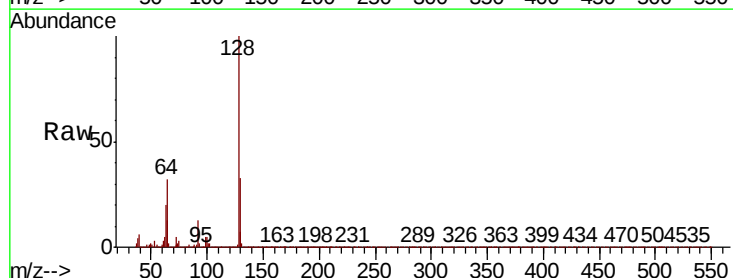
Tgt Ion:128 Resp: 1397803

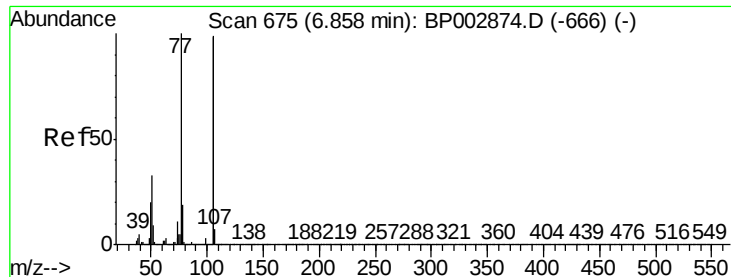
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	31.6	12.6	52.6

128 100

130 32.5 13.0 53.0

64 31.6 12.6 52.6





#9

Benzaldehyde

Concen: 5.919 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

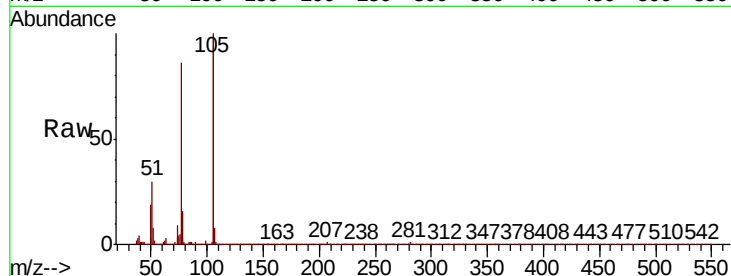
Tot Ion: 77 Resp: 136649

Ion Ratio Lower Upper

77 100

105 116.2 95.0 135.0

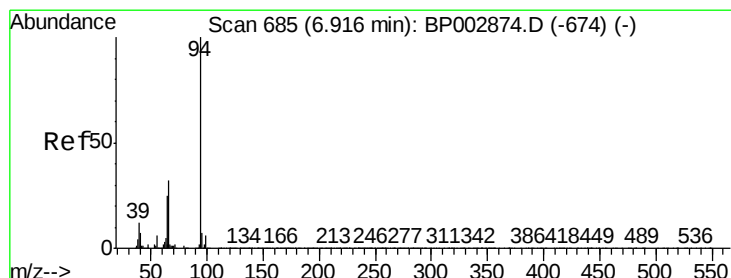
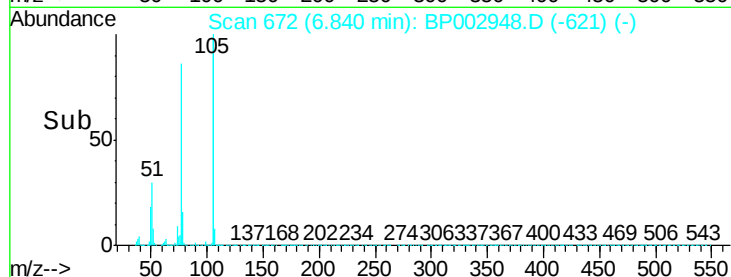
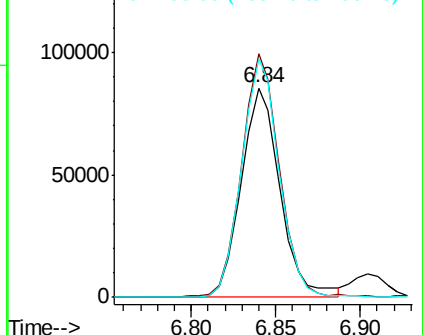
106 114.0 92.0 132.0



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: 34.722 ng

RT: 6.90 min Scan# 683

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

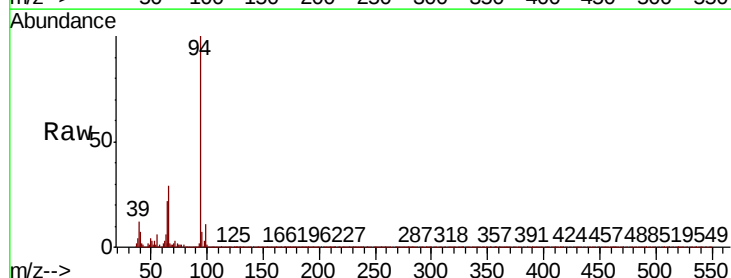
Tgt Ion: 94 Resp: 1516283

Ion Ratio Lower Upper

94 100

65 21.8 1.5 41.5

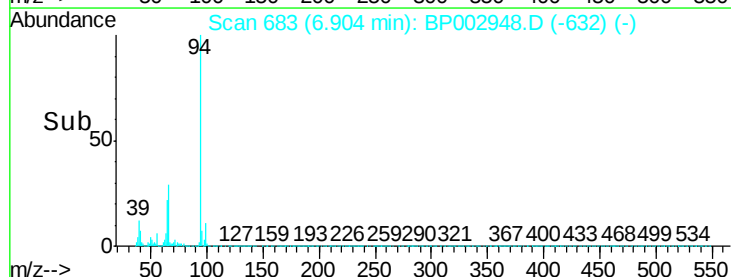
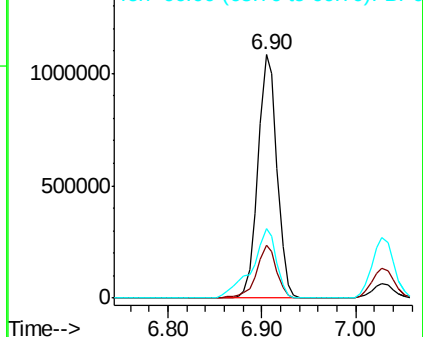
66 28.5 8.0 48.0

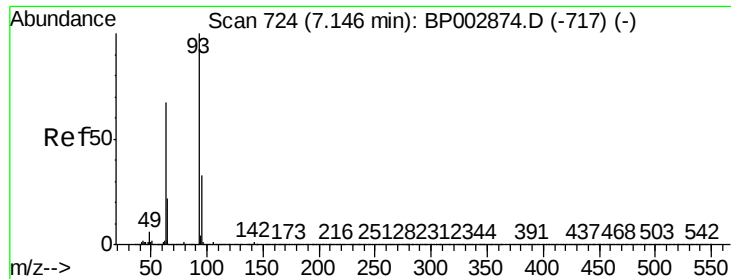


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



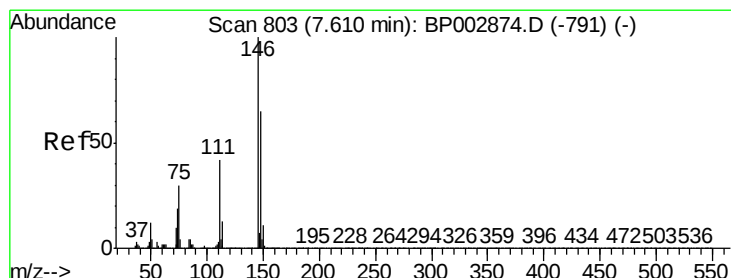
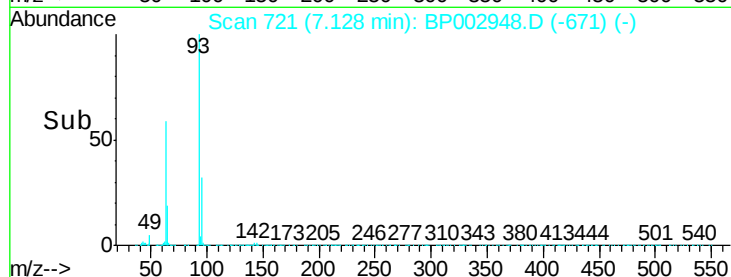
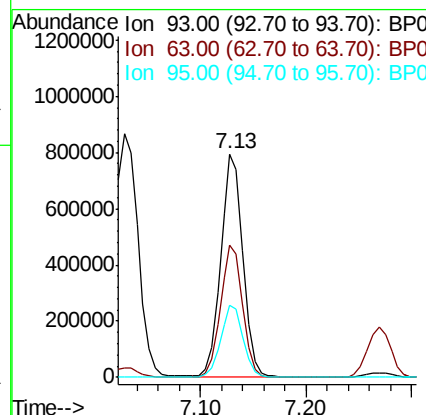
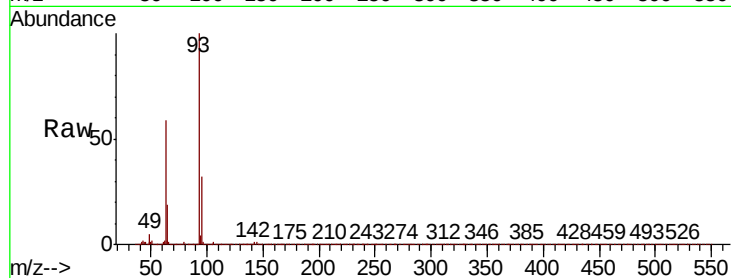


#11
bis(2-Chloroethyl)ether
Concen: 34.661 ng
RT: 7.13 min Scan# 721
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion: 93 Resp: 1164199

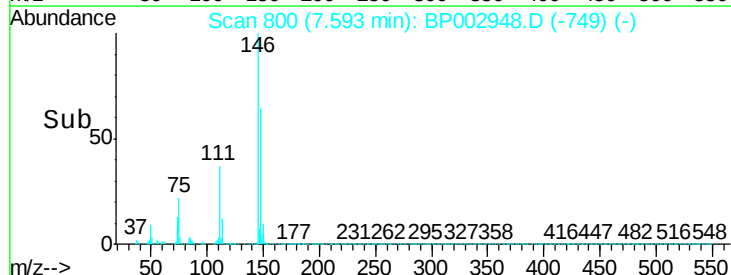
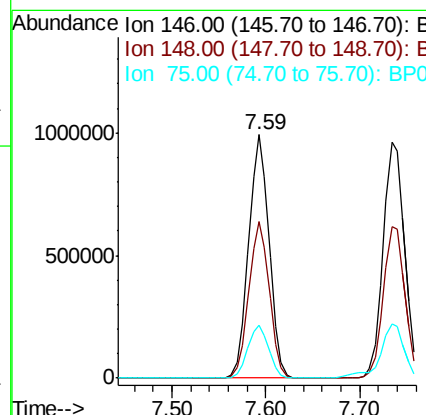
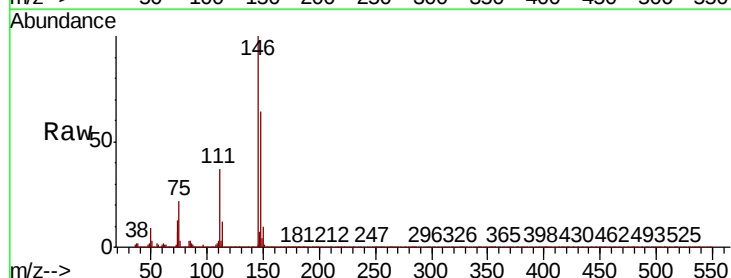
Ion	Ratio	Lower	Upper
93	100		
63	59.2	39.1	79.1
95	32.4	12.6	52.6

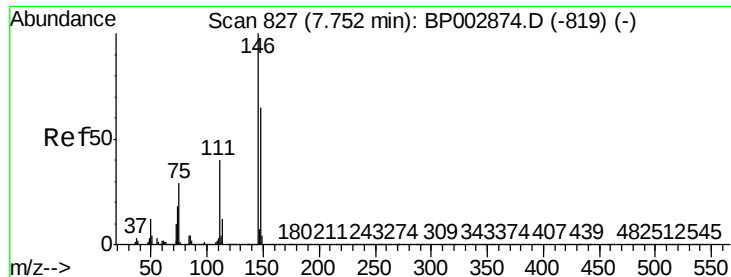


#12
1,3-Dichlorobenzene
Concen: 39.679 ng
RT: 7.59 min Scan# 800
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion: 146 Resp: 1491283

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
75	21.9	17.8	26.8

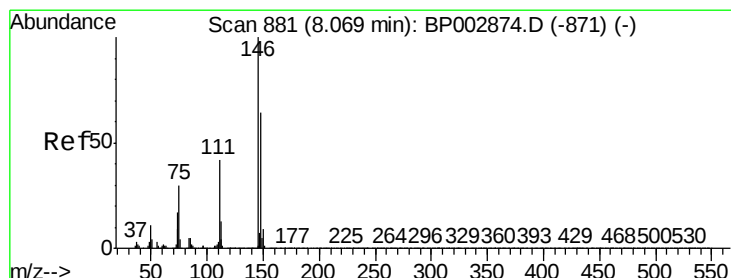
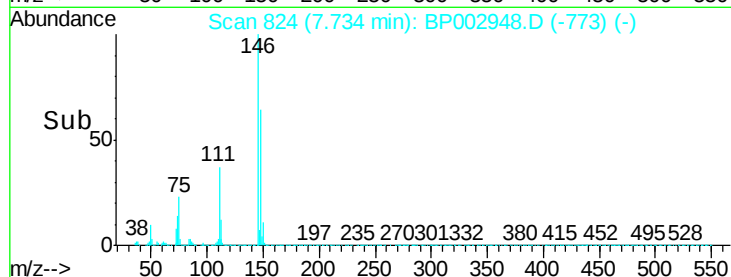
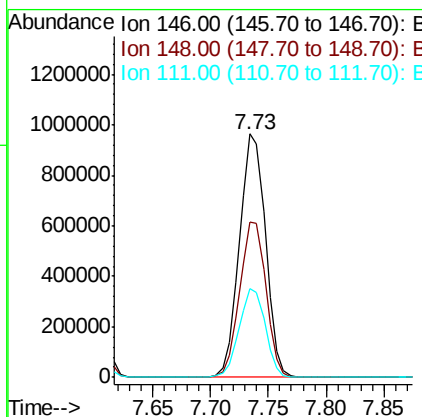
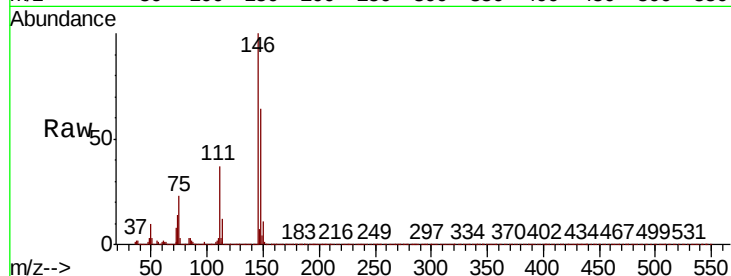




#13
 1,4-Dichlorobenzene
 Concen: 39.770 ng
 RT: 7.73 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

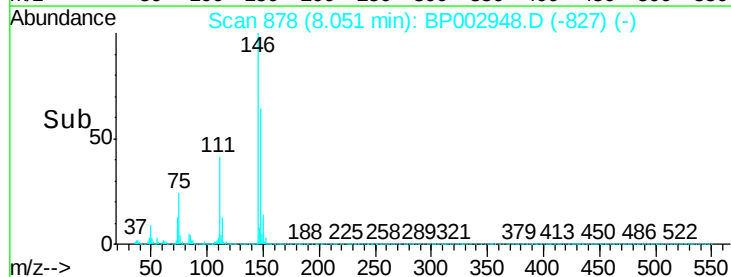
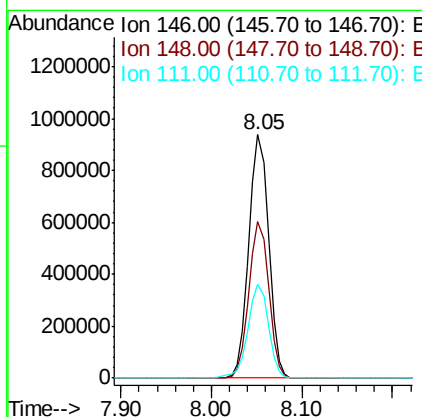
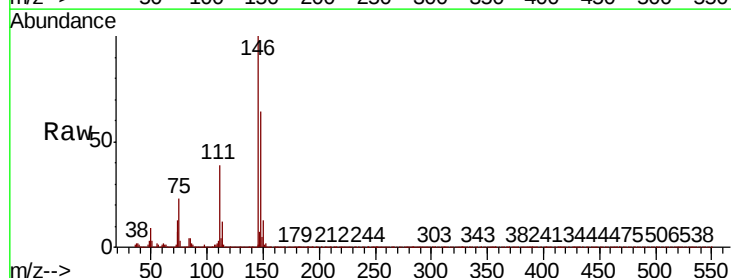
Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

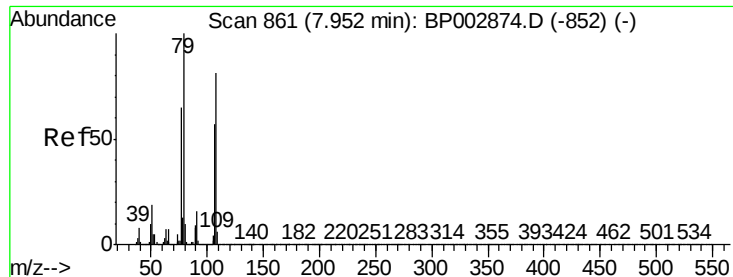
Tot Ion:146 Resp: 1510829
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.6
 111 36.7 29.0 43.6



#14
 1,2-Dichlorobenzene
 Concen: 39.343 ng
 RT: 8.05 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion:146 Resp: 1425328
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 38.8 31.4 47.0

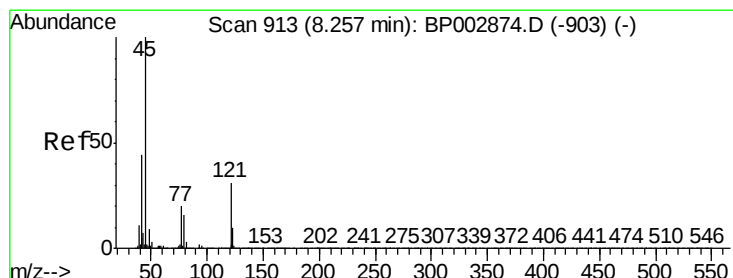
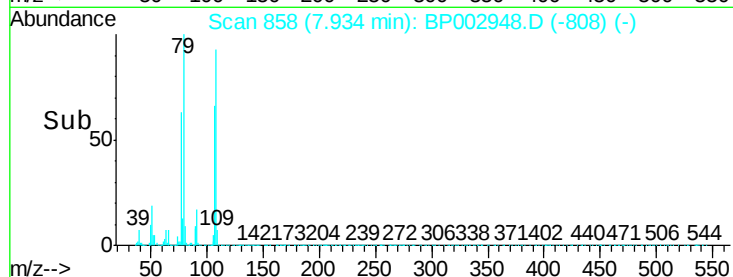
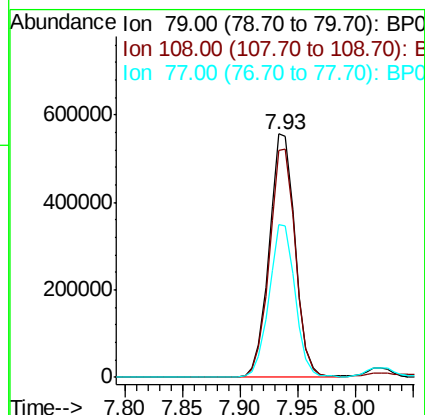
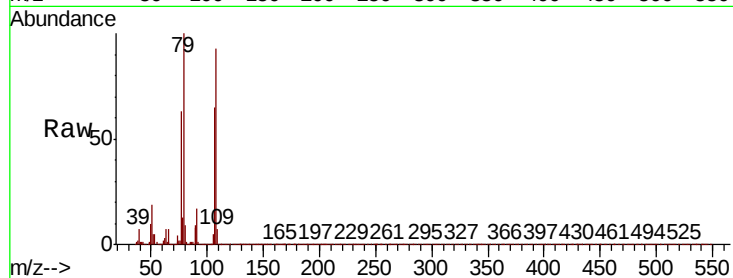




#15
Benzyl Alcohol
Concen: 30.536 ng
RT: 7.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

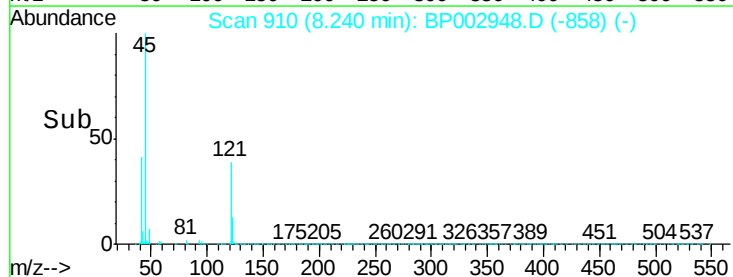
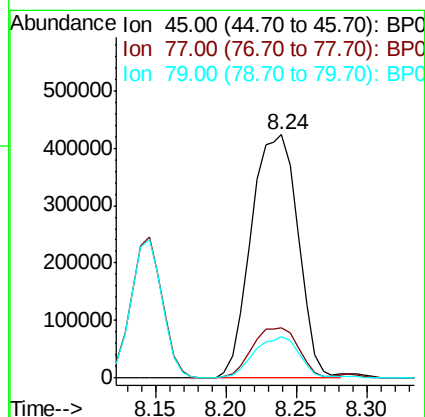
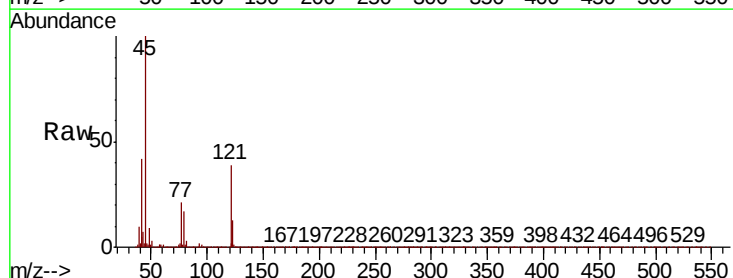
Instrument :
BNA_P
ClientSampleId :
PB130914BS

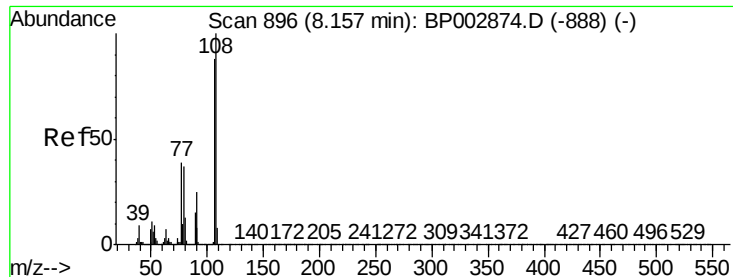
Tot Ion: 79 Resp: 873612
Ion Ratio Lower Upper
79 100
108 93.4 78.4 117.6
77 62.9 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.169 ng
RT: 8.24 min Scan# 910
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion: 45 Resp: 983551
Ion Ratio Lower Upper
45 100
77 20.6 0.5 40.5
79 16.8 0.0 36.3

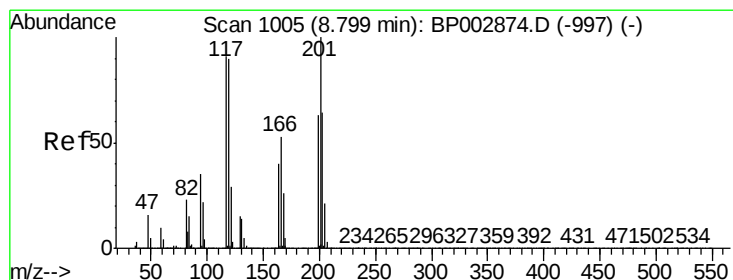
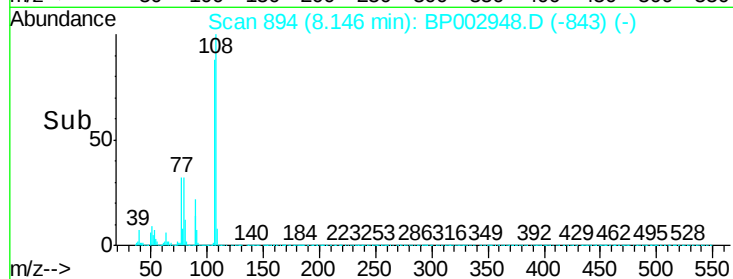
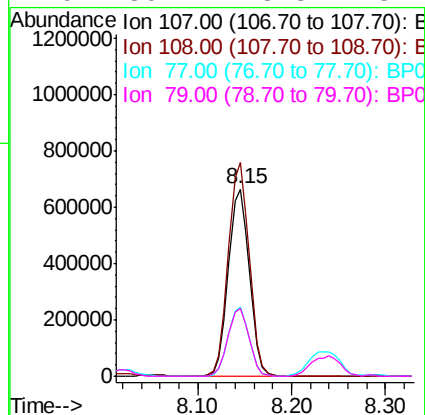
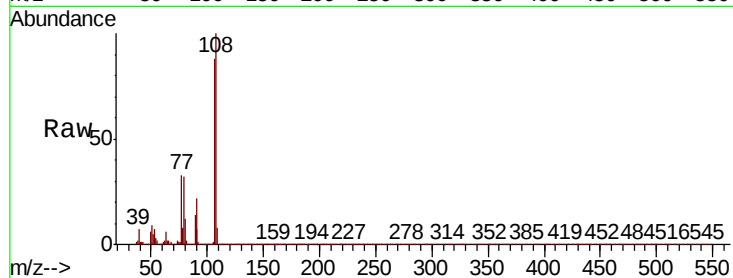




#17
2-Methylphenol
Concen: 37.066 ng
RT: 8.15 min Scan# 894
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

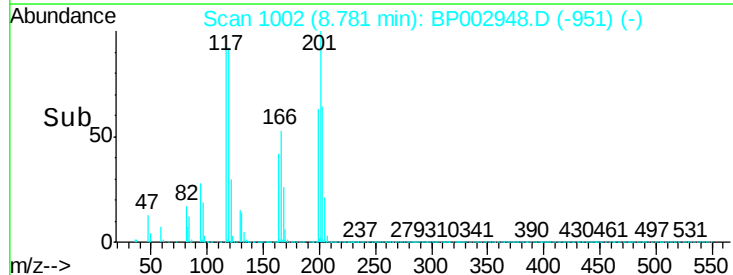
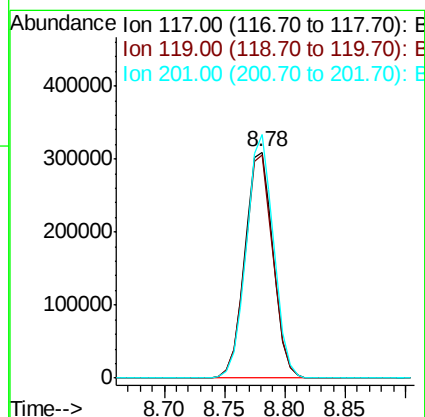
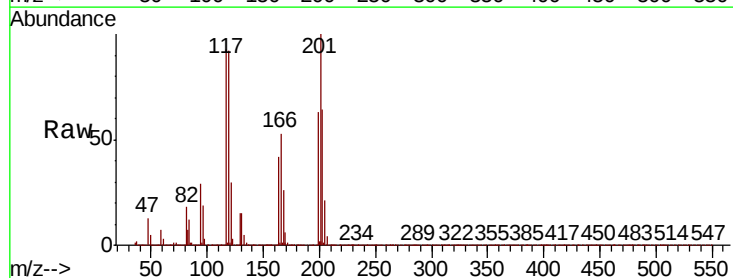
Instrument :
BNA_P
ClientSampleId :
PB130914BS

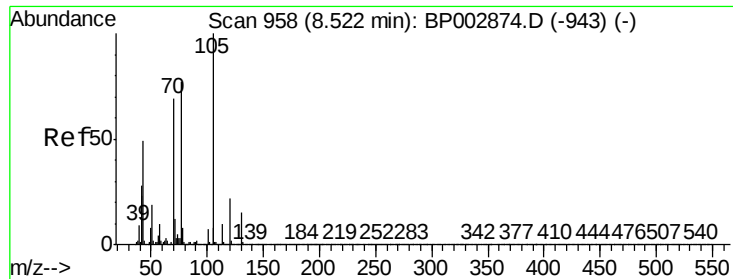
Tot Ion:	107	Resp:	1034332
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.8	137.8
77	37.1	29.5	44.3
79	36.2	28.8	43.2



#18
Hexachloroethane
Concen: 37.905 ng
RT: 8.78 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:	117	Resp:	502251
Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.7	116.5
201	107.6	84.8	127.2

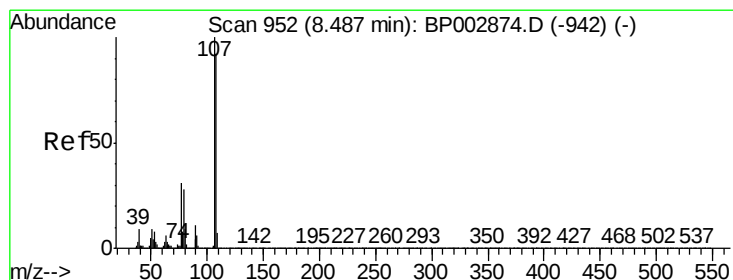
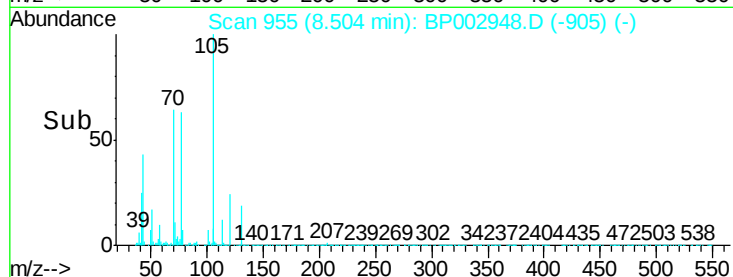
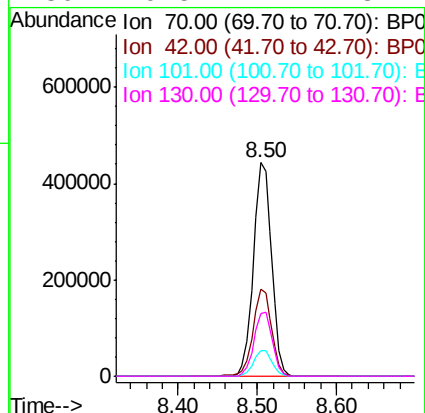
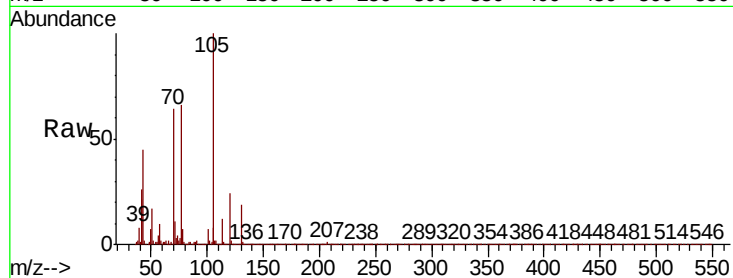




#19
n-Nitroso-di-n-propylamine
Concen: 28.342 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

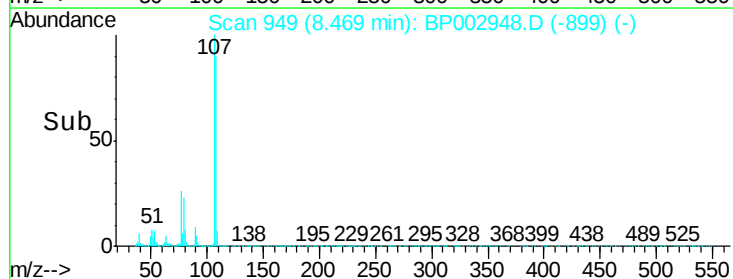
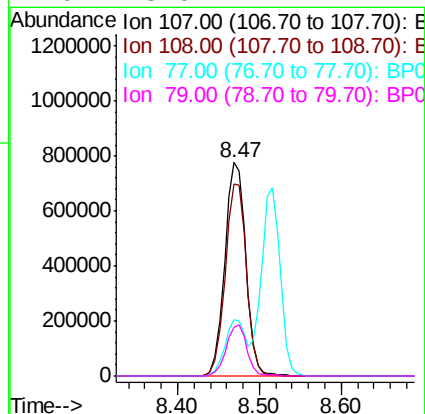
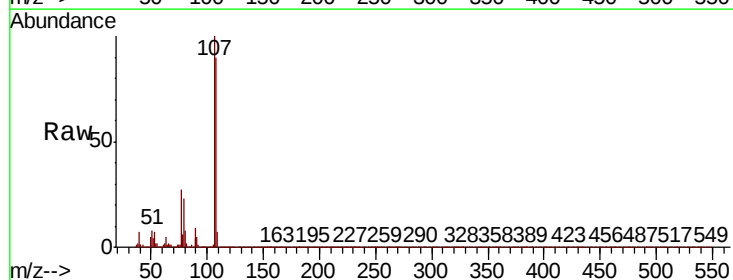
Instrument :
BNA_P
ClientSampleId :
PB130914BS

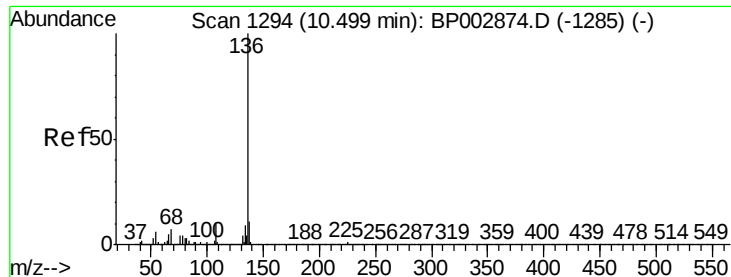
Tot Ion:	70	Resp:	708095
Ion	Ratio	Lower	Upper
70	100		
42	40.7	31.7	47.5
101	11.7	9.6	14.4
130	29.5	24.7	37.1



#20
3+4-Methylphenols
Concen: 36.805 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:	107	Resp:	1384195
Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.4	111.4
77	26.6	6.7	46.7
79	23.0	4.1	44.1

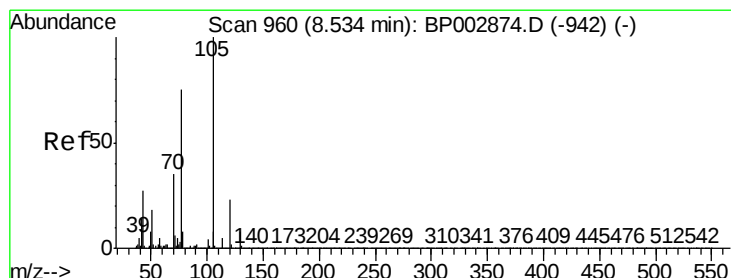
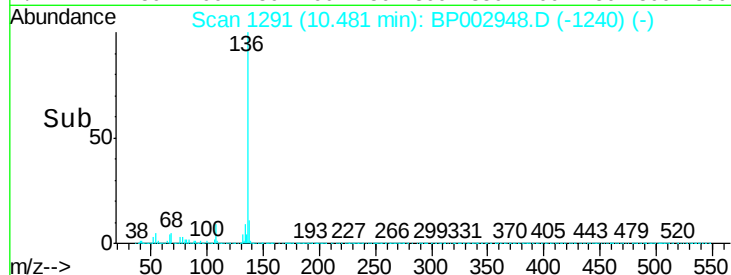
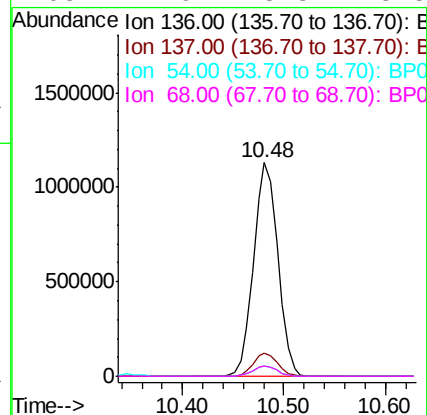
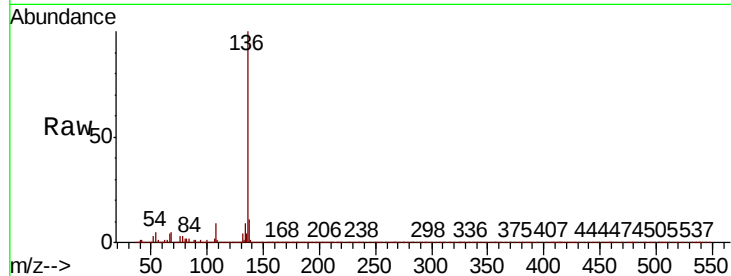




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

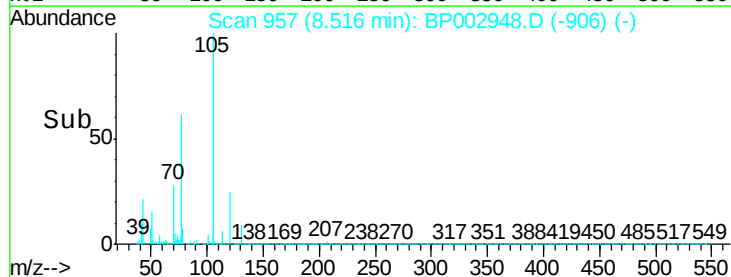
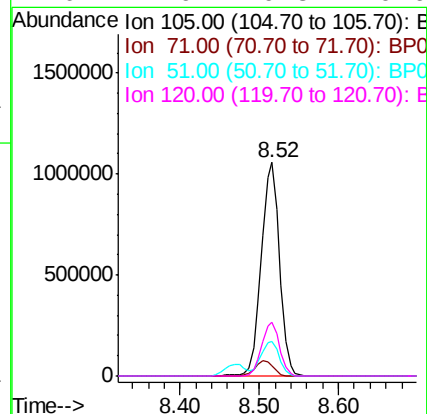
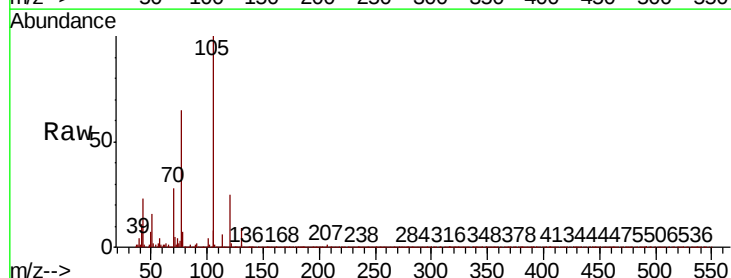
Instrument :
BNA_P
ClientSampleId :
PB130914BS

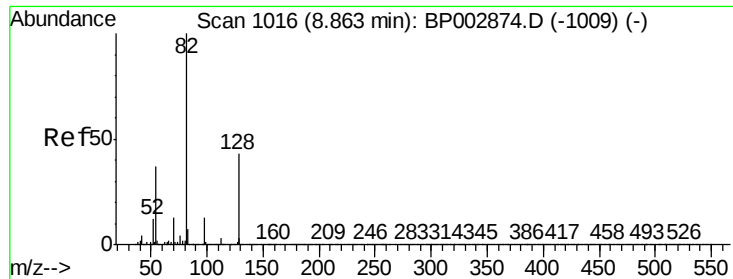
Tot Ion:136	Resp: 1869071
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 5.0	3.9 5.9
68 4.9	3.8 5.8



#22
Acetophenone
Concen: 32.368 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt	Ion:105	Resp:	1706932
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.5	6.7
51	16.1	13.0	19.6
120	24.9	19.8	29.6

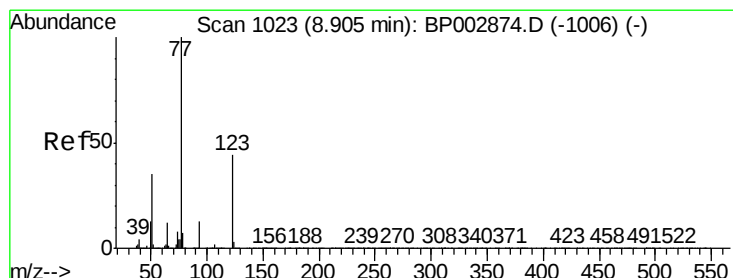
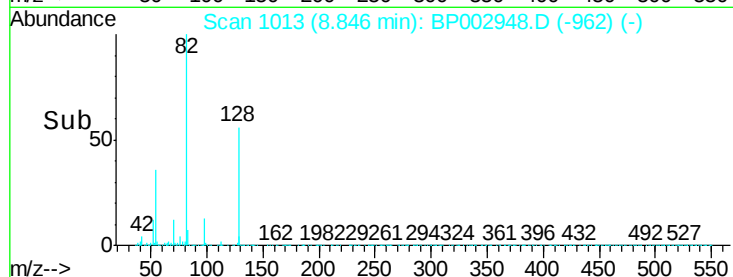
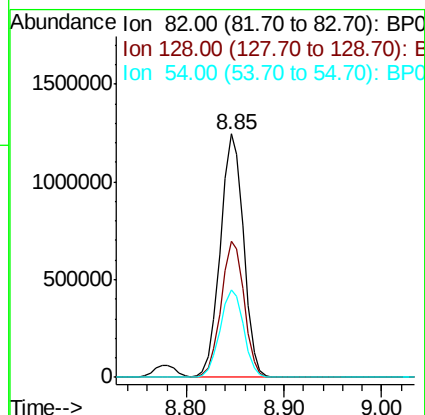
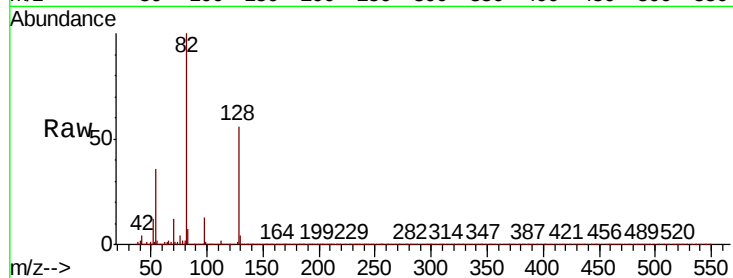




#23
 Nitrobenzene-d5
 Concen: 59.255 ng
 RT: 8.85 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

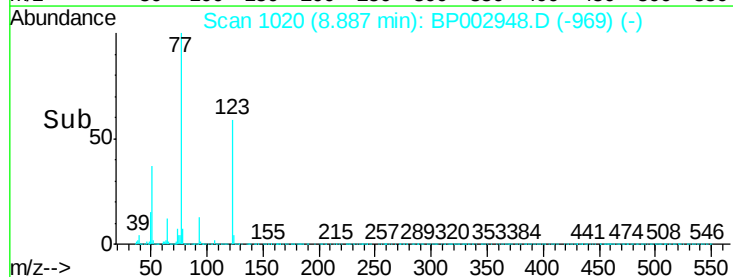
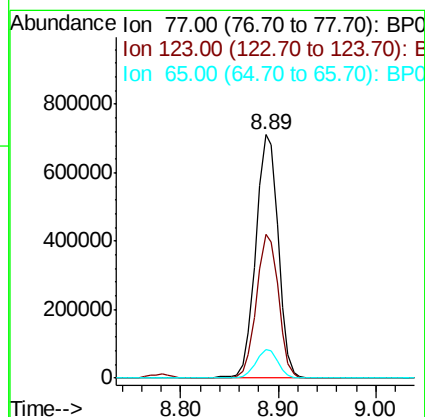
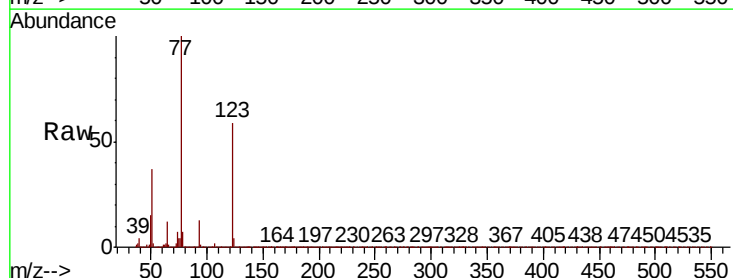
Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

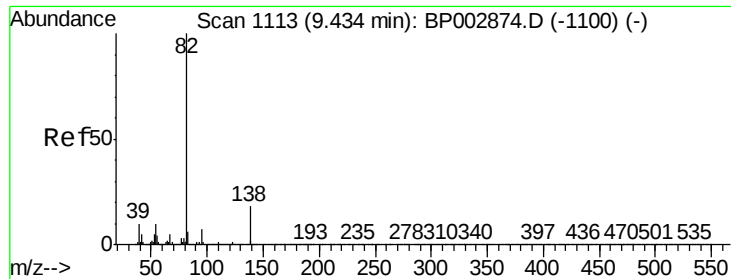
Tot Ion: 82 Resp: 2044821
 Ion Ratio Lower Upper
 82 100
 128 56.0 44.6 66.8
 54 35.9 29.2 43.8



#24
 Nitrobenzene
 Concen: 30.314 ng
 RT: 8.89 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion: 77 Resp: 1135684
 Ion Ratio Lower Upper
 77 100
 123 59.2 46.6 69.8
 65 11.7 9.3 13.9

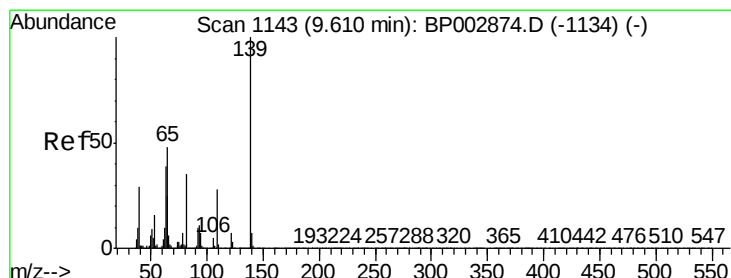
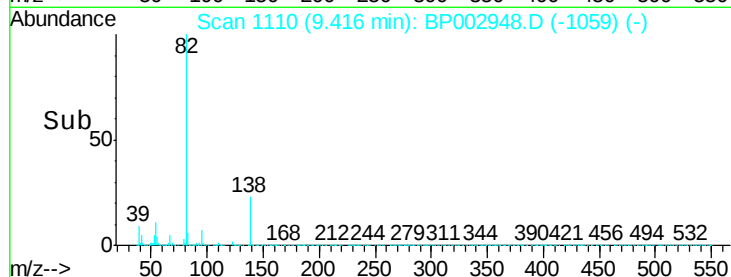
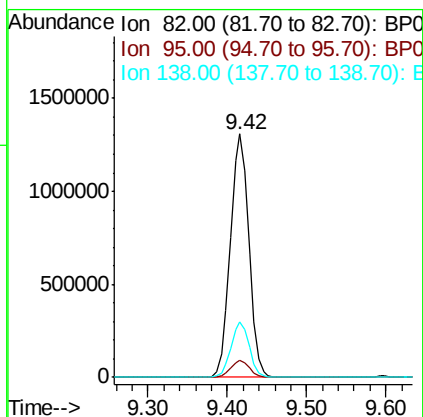
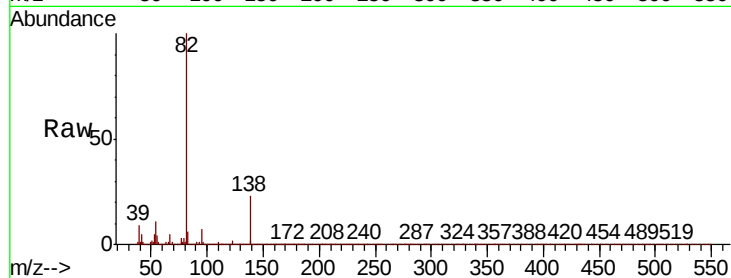




#25
Isophorone
Concen: 28.416 ng
RT: 9.42 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

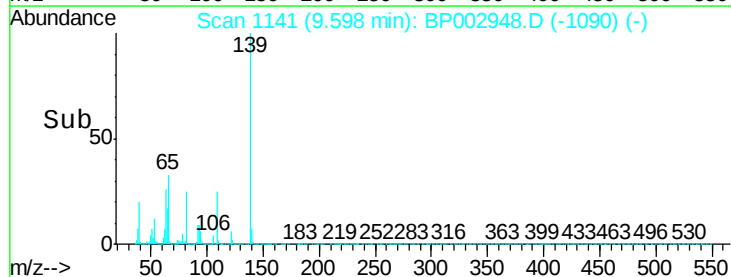
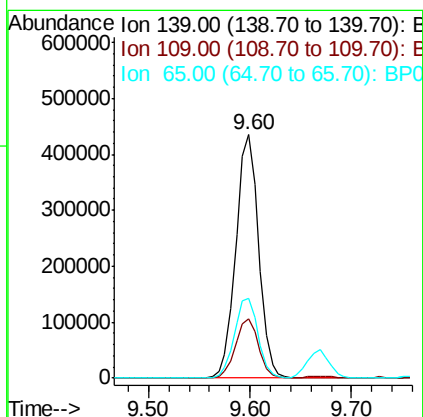
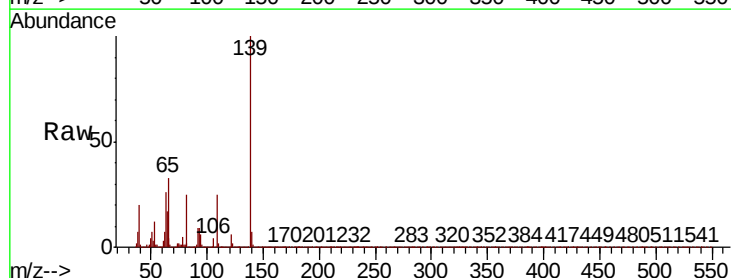
Instrument :
BNA_P
ClientSampleId :
PB130914BS

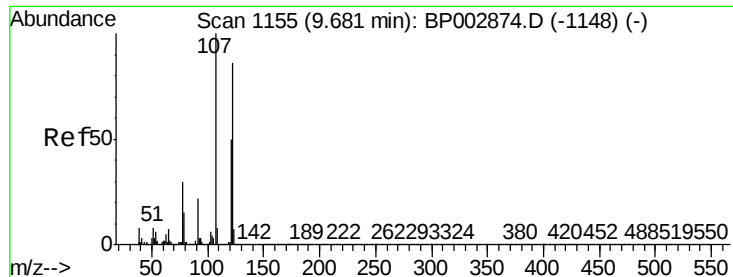
Tot Ion: 82 Resp: 2106688
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 22.8 18.3 27.5



#26
2-Nitrophenol
Concen: 43.882 ng
RT: 9.60 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion: 139 Resp: 679529
Ion Ratio Lower Upper
139 100
109 24.6 19.5 29.3
65 32.8 26.6 40.0





#27

2,4-Dimethylphenol

Concen: 37.408 ng

RT: 9.67 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

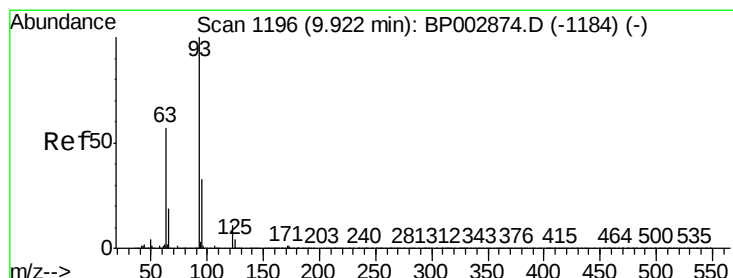
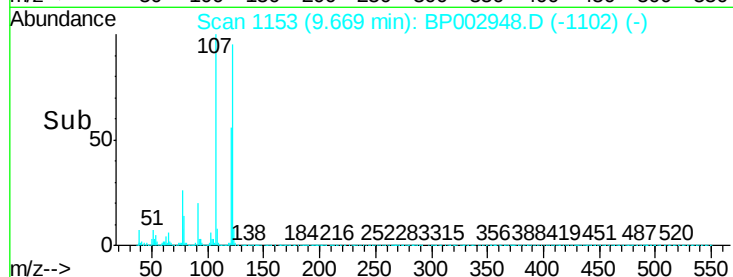
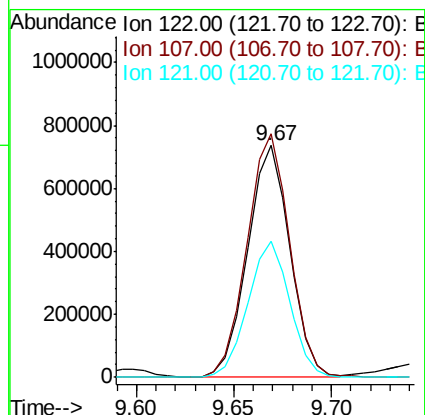
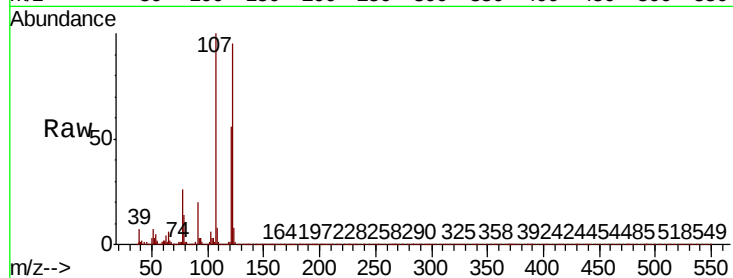
Tot Ion:122 Resp: 1104403

Ion Ratio Lower Upper

122 100

107 105.0 83.5 125.3

121 58.5 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 35.084 ng

RT: 9.90 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

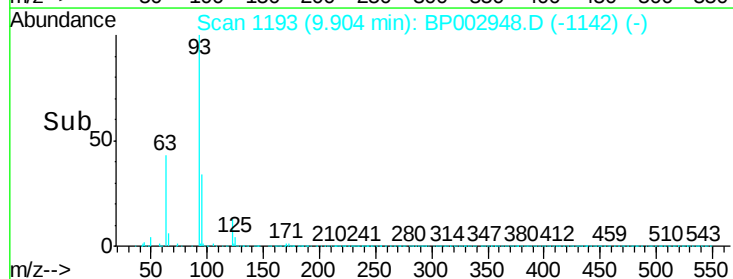
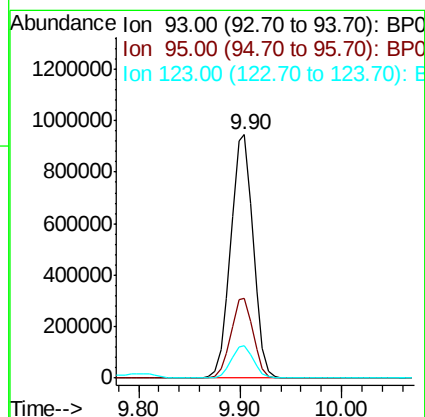
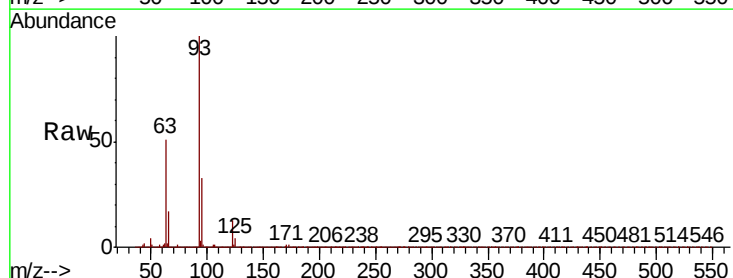
Tgt Ion: 93 Resp: 1451118

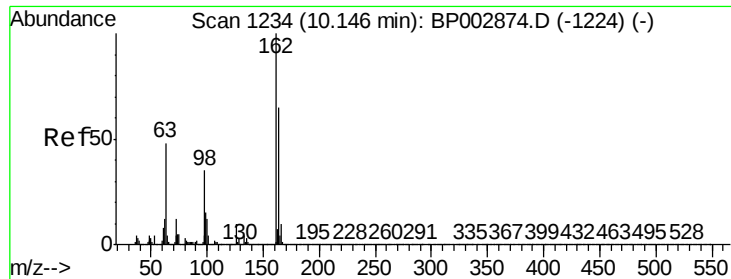
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 13.3 10.6 16.0

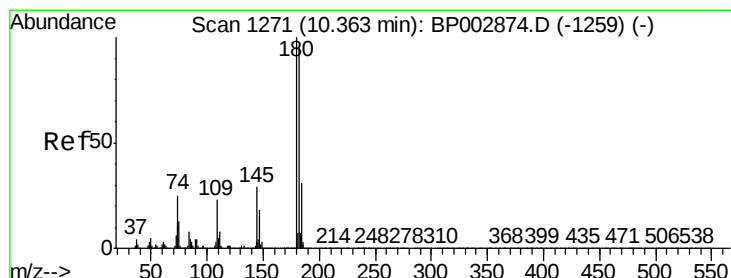
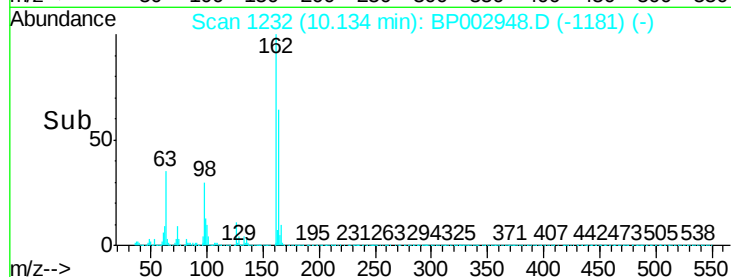
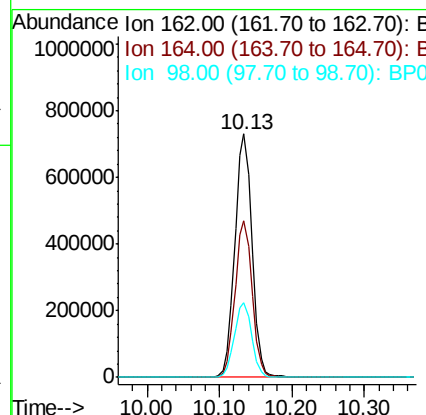
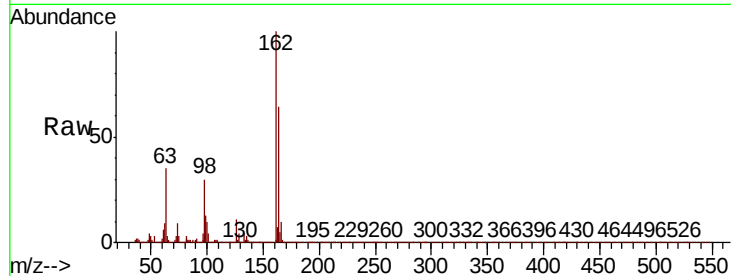




#29
2,4-Dichlorophenol
Concen: 38.805 ng
RT: 10.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

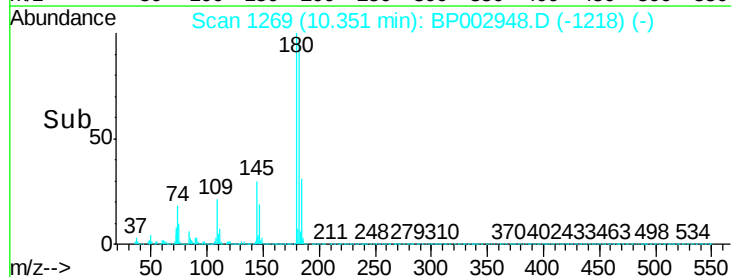
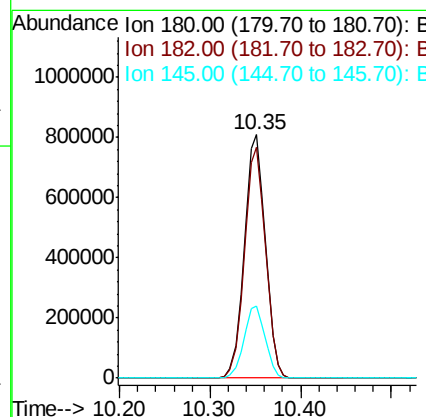
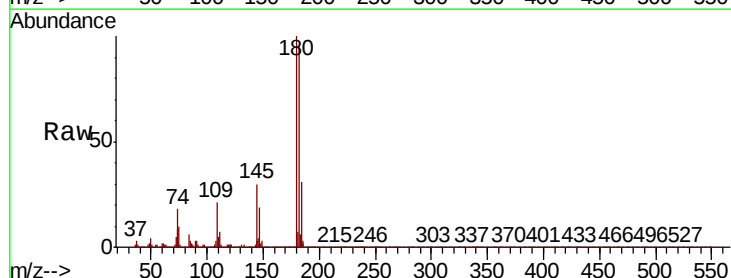
Instrument :
BNA_P
ClientSampleId :
PB130914BS

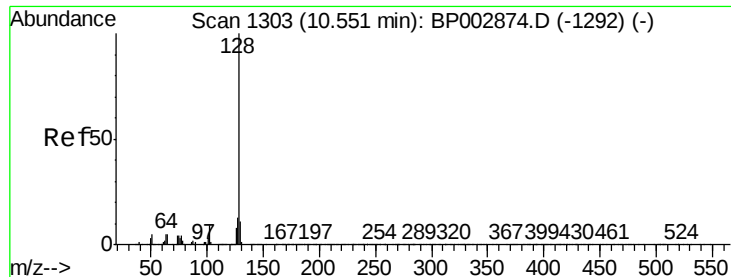
Tot Ion:162 Resp: 1205764
Ion Ratio Lower Upper
162 100
164 64.3 44.2 84.2
98 30.5 10.3 50.3



#30
1,2,4-Trichlorobenzene
Concen: 35.851 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:180 Resp: 1302203
Ion Ratio Lower Upper
180 100
182 94.9 76.8 115.2
145 29.9 23.8 35.8

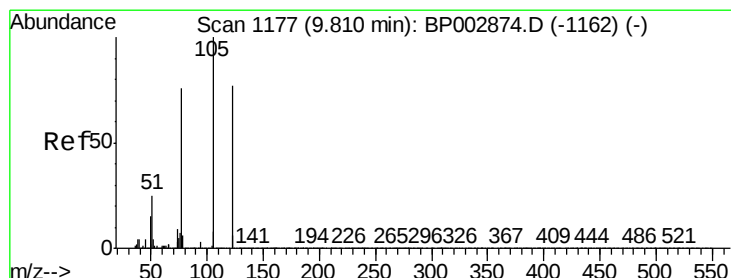
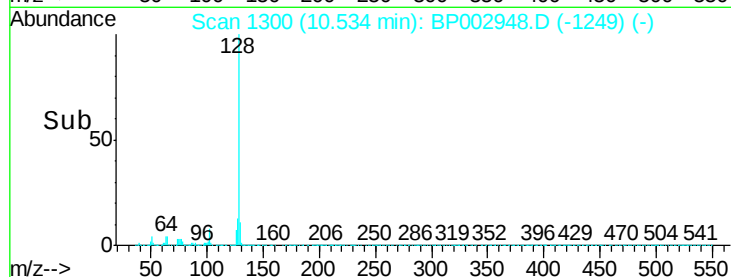
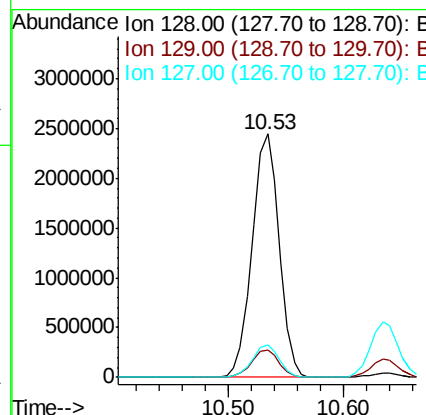
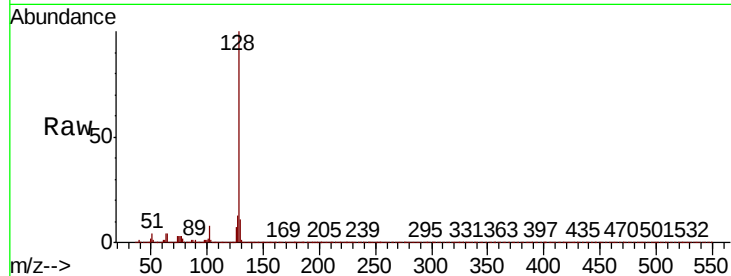




#31
Naphthalene
Concen: 37.235 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

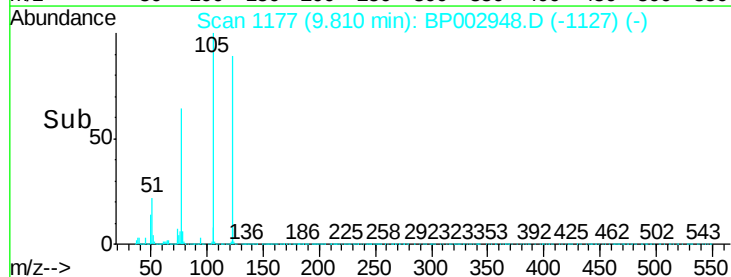
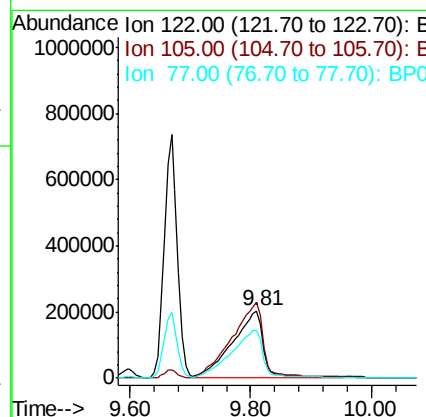
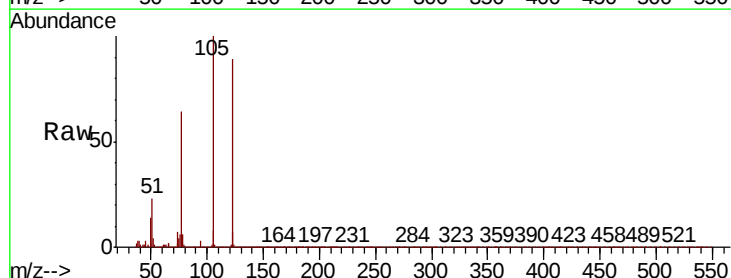
Instrument :
BNA_P
ClientSampleId :
PB130914BS

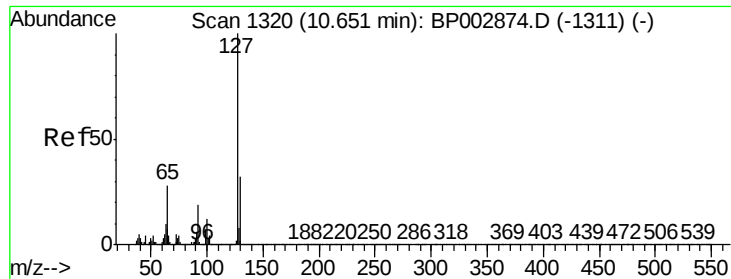
Tot Ion:128 Resp: 3983952
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 41.853 ng
RT: 9.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:122 Resp: 706372
Ion Ratio Lower Upper
122 100
105 113.0 95.8 135.8
77 71.9 54.7 94.7

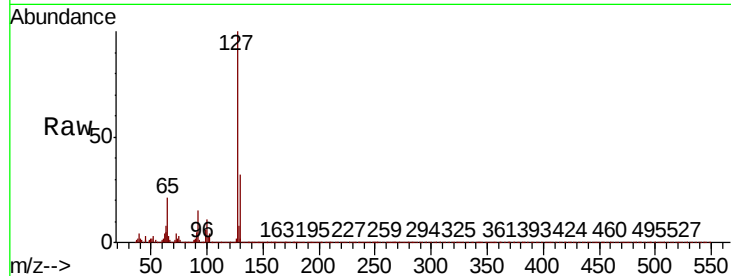




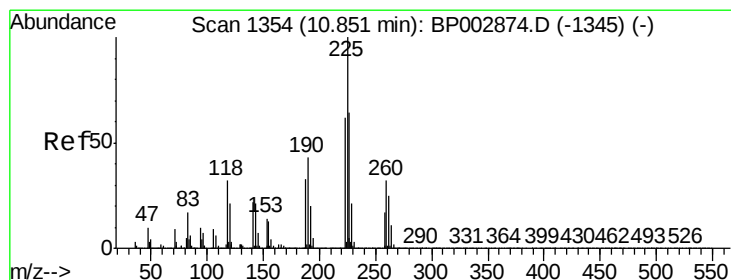
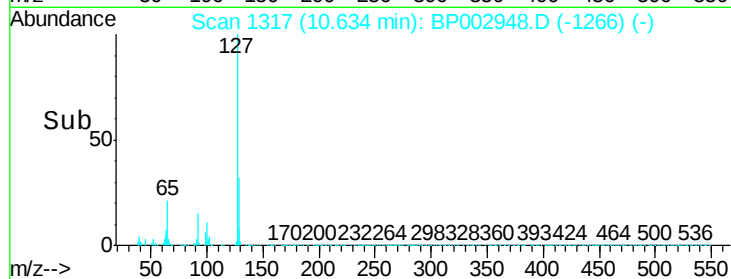
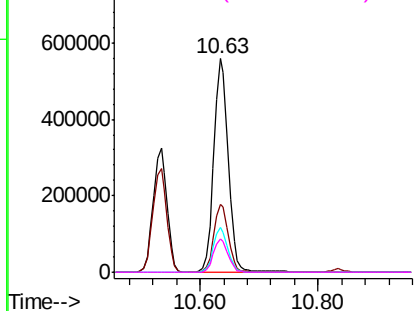
#33
4-Chloroaniline
Concen: 21.532 ng
RT: 10.63 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion:	127	Resp:	954725
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	20.9	16.8	25.2
92	15.5	12.7	19.1

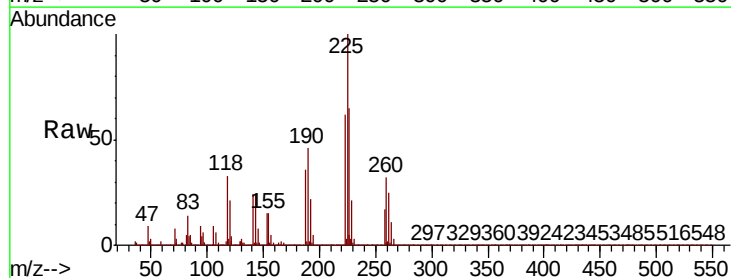


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

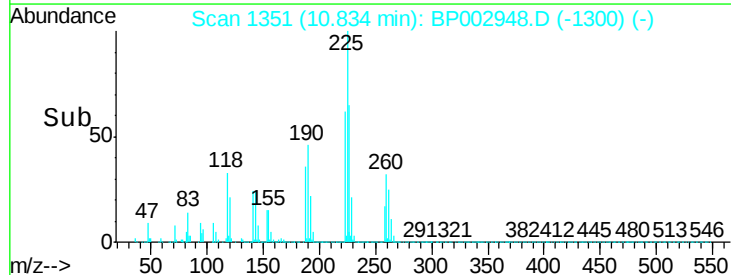
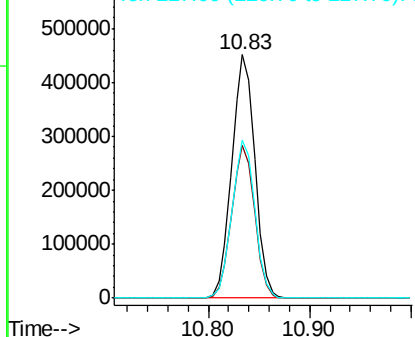


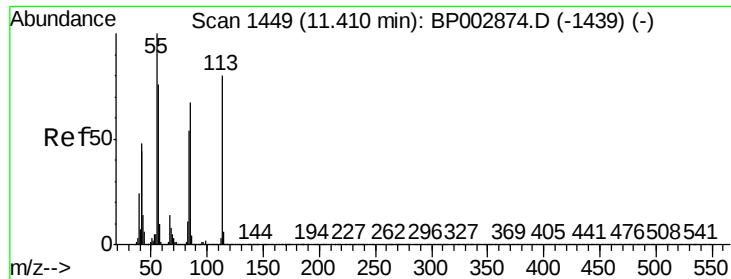
#34
Hexachlorobutadiene
Concen: 32.021 ng
RT: 10.83 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:	225	Resp:	711767
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	65.0	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

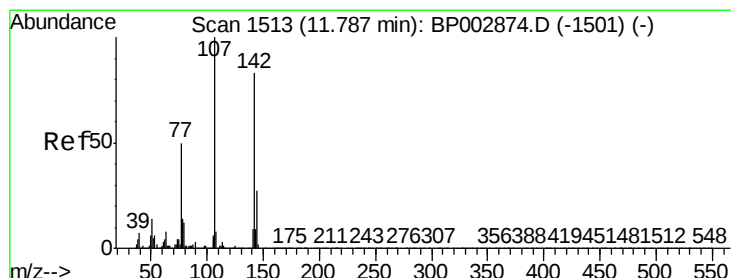
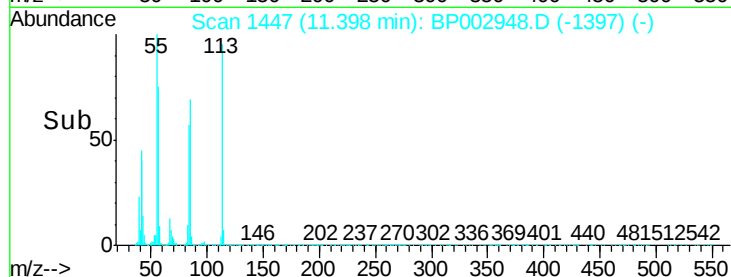
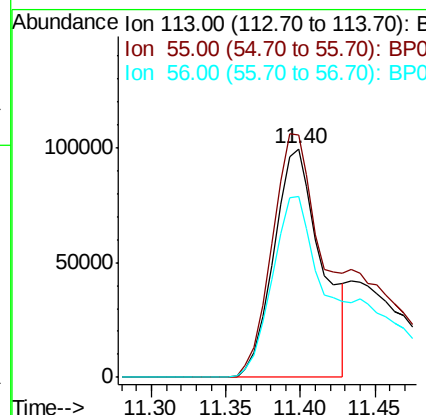
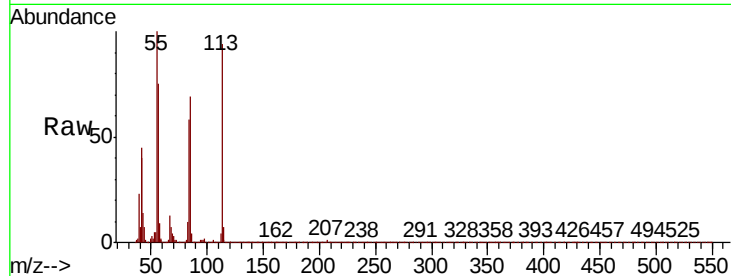




#35
 Caprolactam
 Concen: 23.088 ng
 RT: 11.40 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

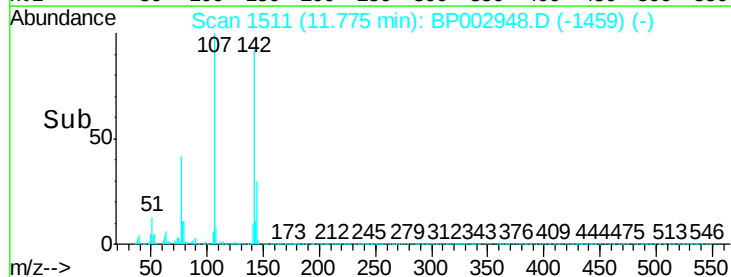
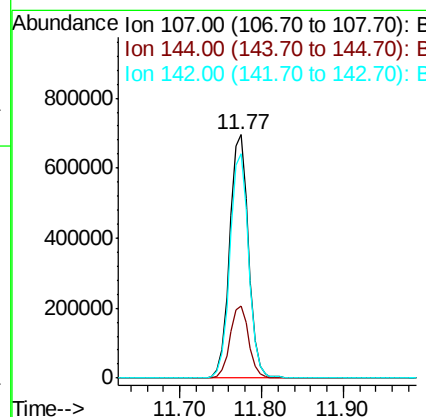
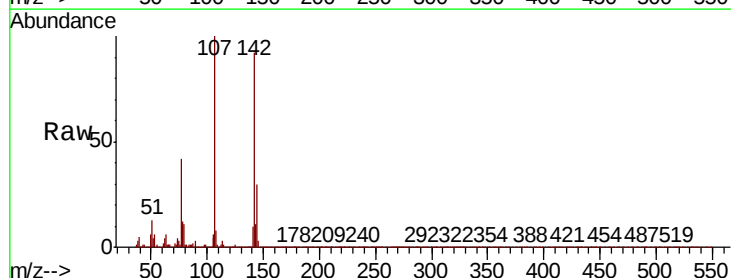
Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

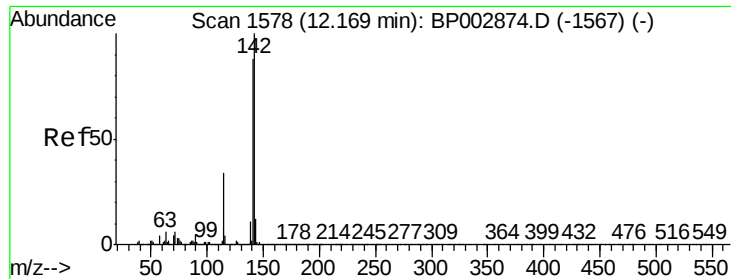
Tot Ion:113 Resp: 221977
 Ion Ratio Lower Upper
 113 100
 55 106.0 90.5 130.5
 56 79.3 63.2 103.2



#36
 4-Chloro-3-methylphenol
 Concen: 34.381 ng
 RT: 11.77 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion:107 Resp: 1110493
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.5 35.3
 142 92.3 72.6 108.8

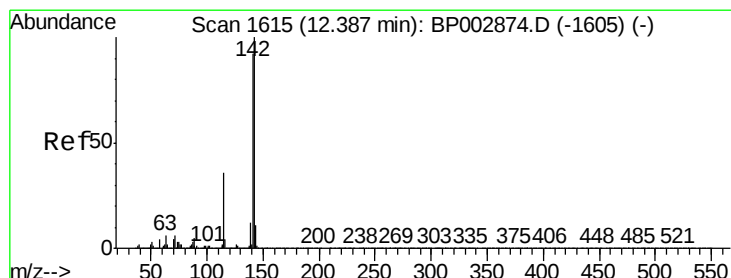
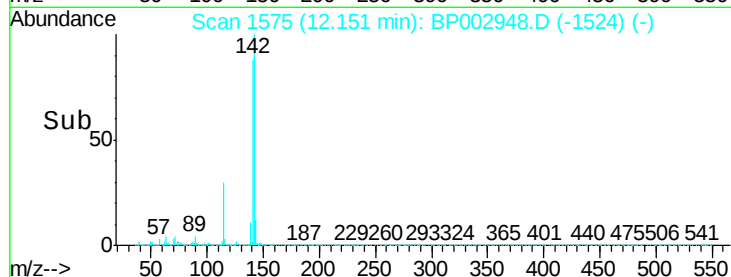
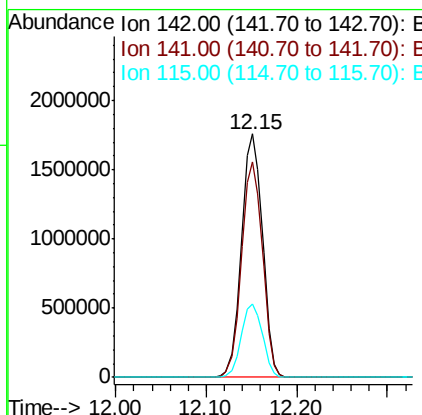
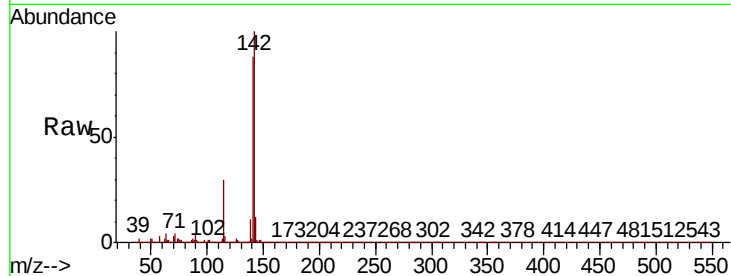




#37
2-Methylnaphthalene
Concen: 37.211 ng
RT: 12.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

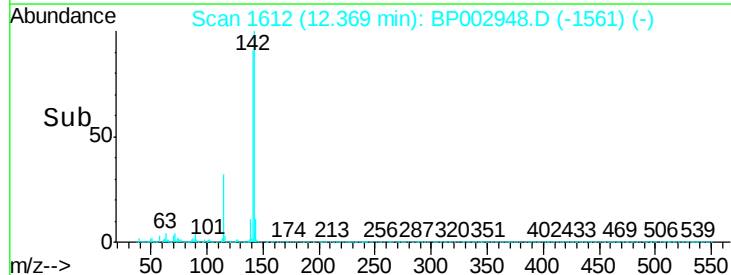
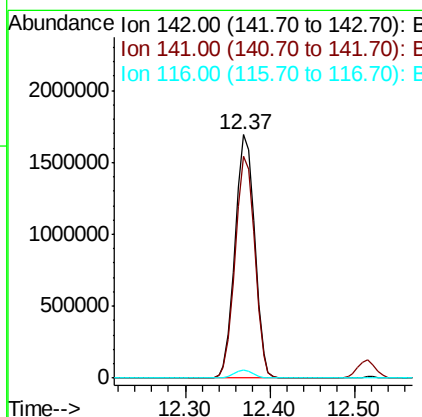
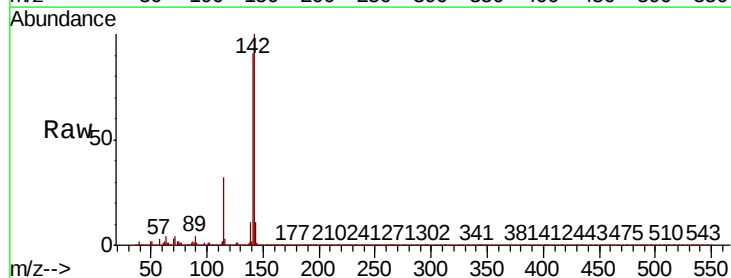
Instrument :
BNA_P
ClientSampleId :
PB130914BS

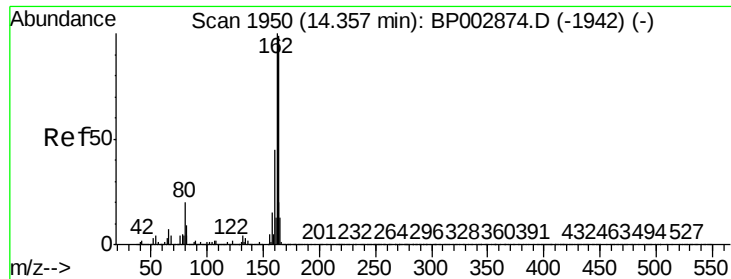
Tot Ion:142 Resp: 2832058
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 30.3 24.3 36.5



#38
1-Methylnaphthalene
Concen: 37.392 ng
RT: 12.37 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:142 Resp: 2678903
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.0
116 3.5 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

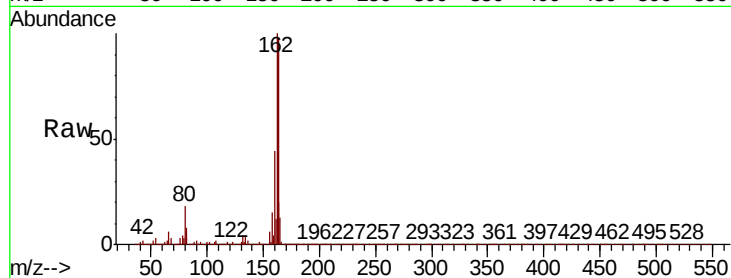
BNA_P

ClientSampleId :

PB130914BS

Tot Ion:164 Resp: 1010989

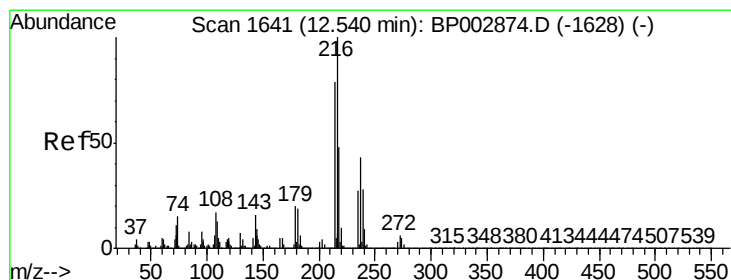
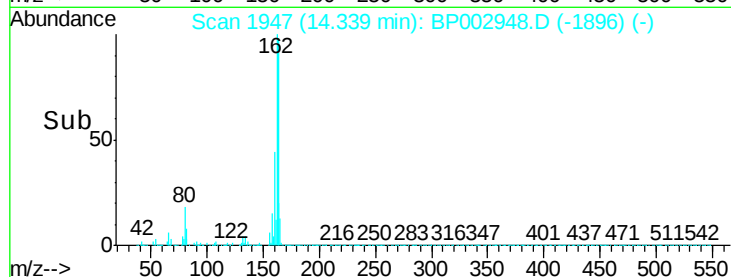
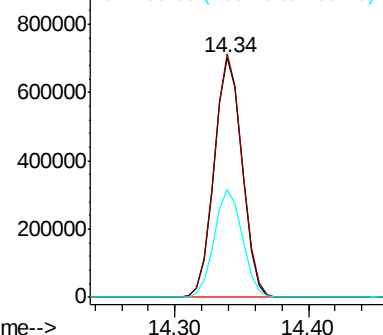
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.4
160	44.9	36.2	54.4



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: 33.782 ng

RT: 12.53 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Tgt Ion:216 Resp: 1227927

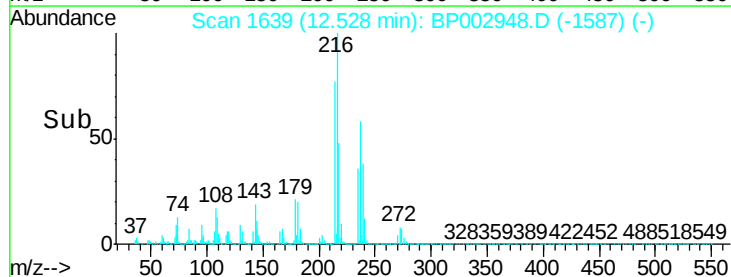
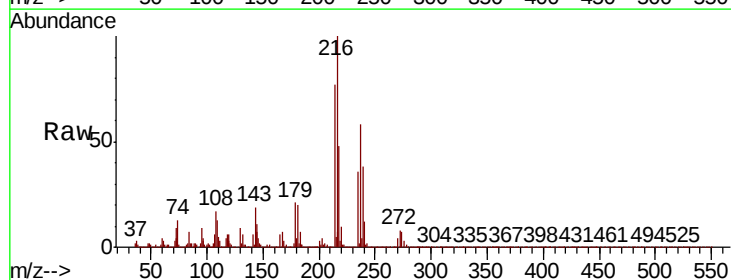
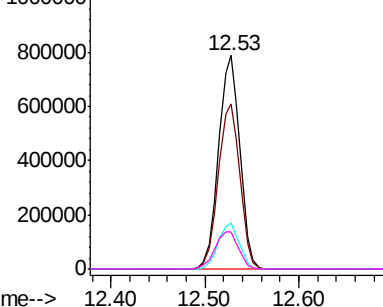
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.1	94.7
179	21.3	17.1	25.7
108	19.3	14.1	21.1

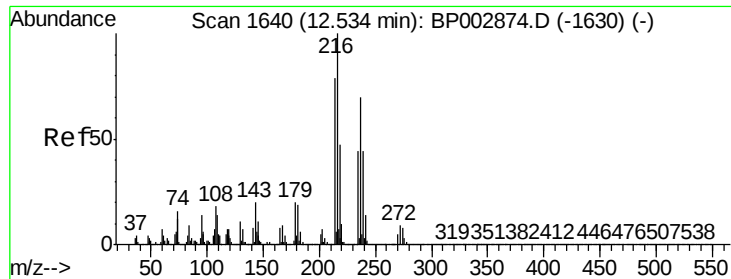
Abundance Ion 216.00 (215.70 to 216.70): E

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

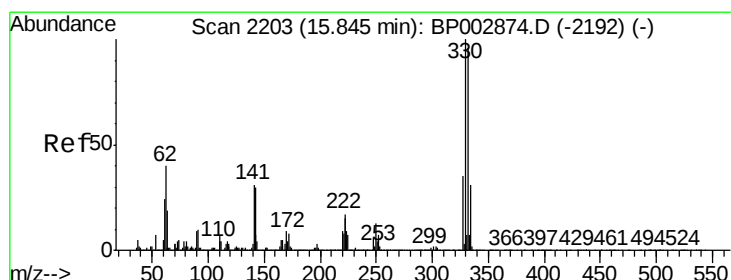
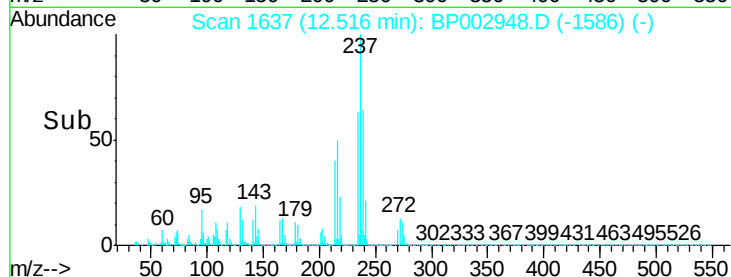
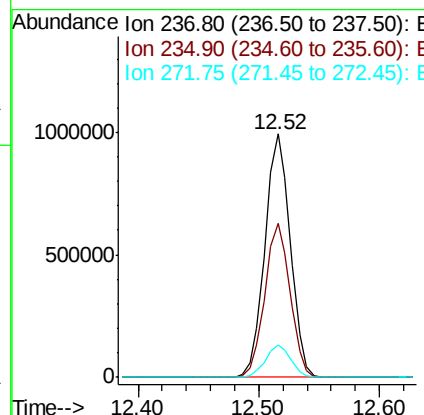
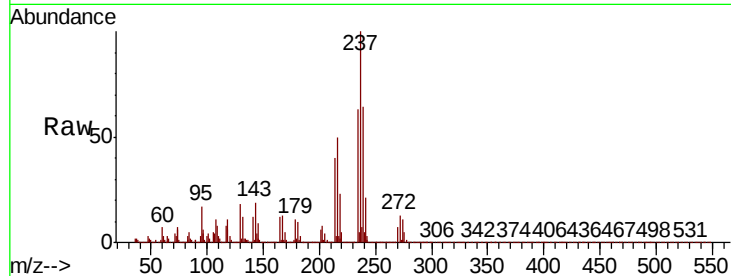




#41
Hexachlorocyclopentadiene
Concen: 76.502 ng
RT: 12.52 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

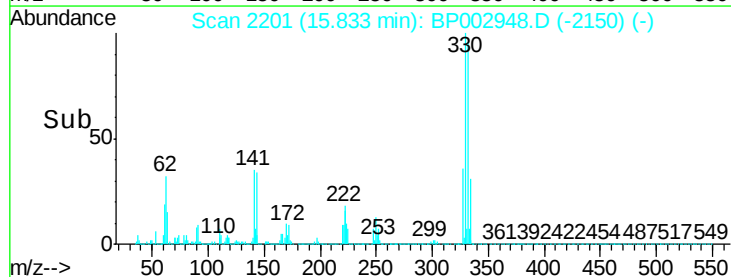
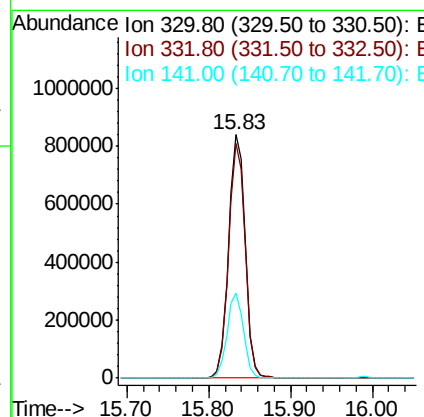
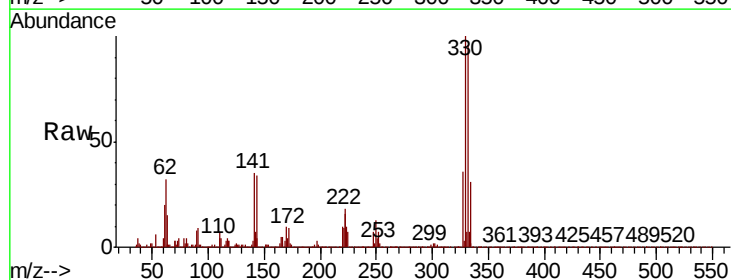
Instrument :
BNA_P
ClientSampleId :
PB130914BS

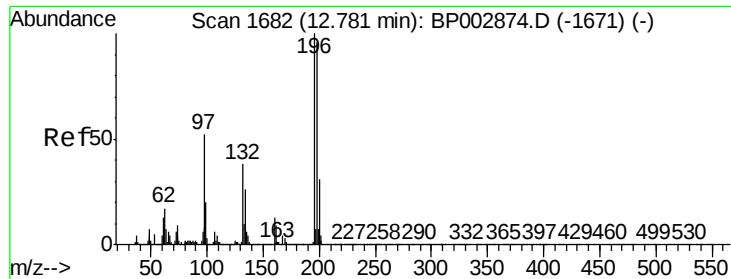
Tot Ion:237 Resp: 1442570
Ion Ratio Lower Upper
237 100
235 63.1 42.2 82.2
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 93.959 ng
RT: 15.83 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:330 Resp: 1180637
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 34.9 28.6 43.0

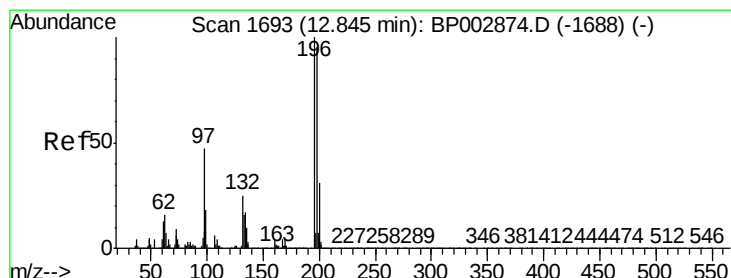
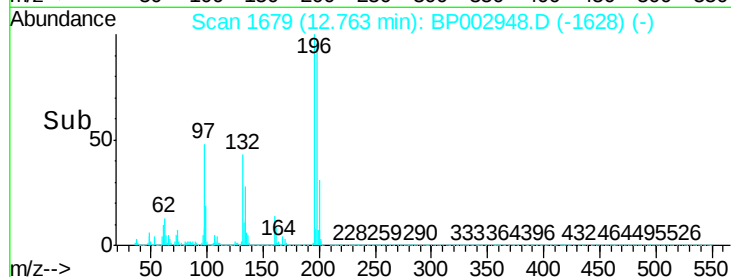
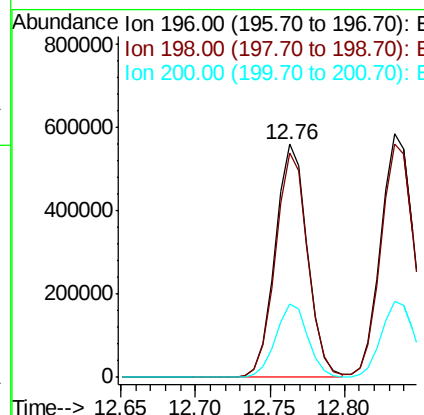
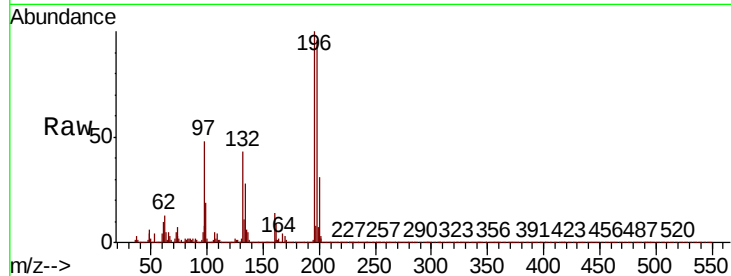




#43
 2,4,6-Trichlorophenol
 Concen: 40.086 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

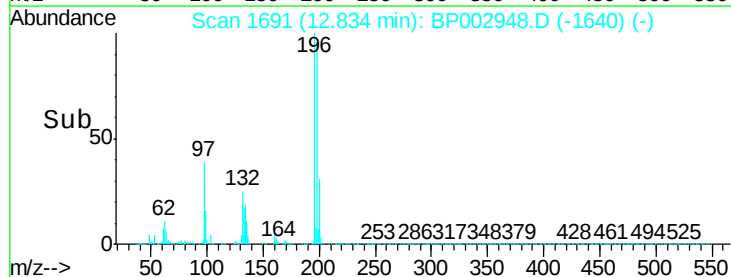
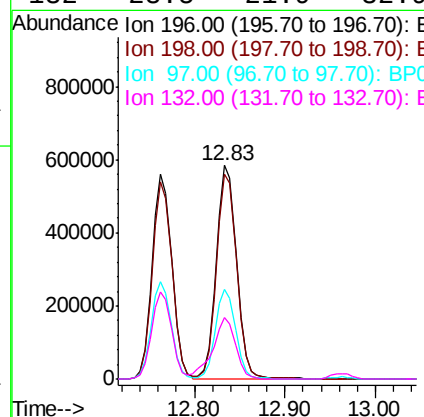
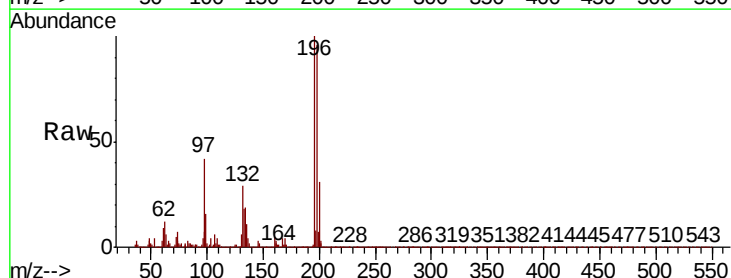
Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

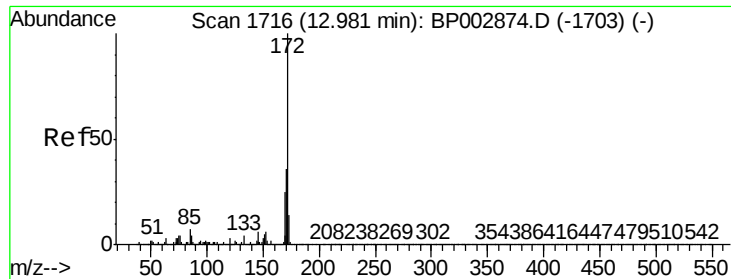
Tot Ion	196	Resp	844498
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.2	114.2
200	31.3	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.167 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion	196	Resp	905172
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.0	114.0
97	42.1	33.9	50.9
132	28.5	21.9	32.9

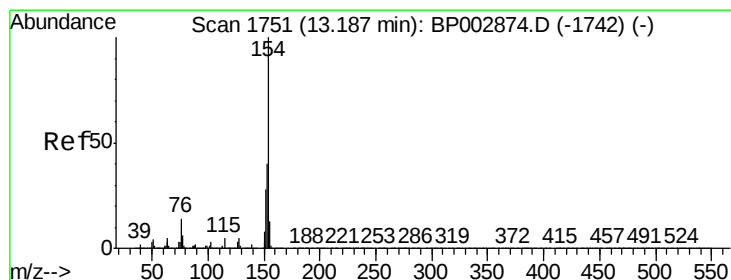
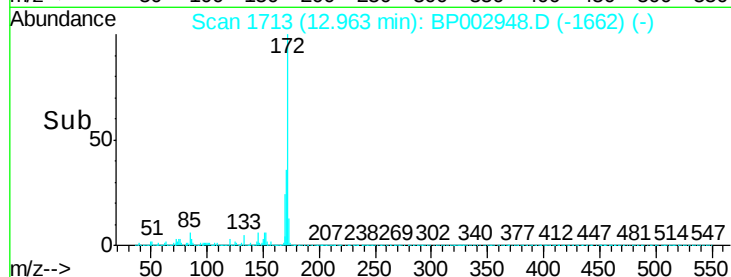
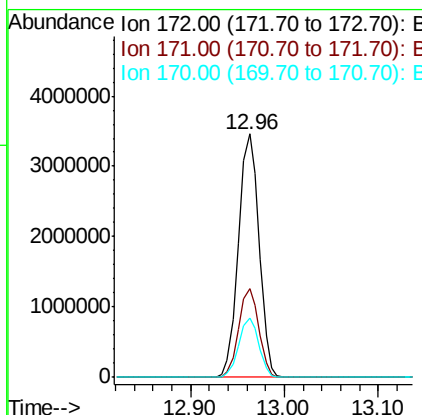
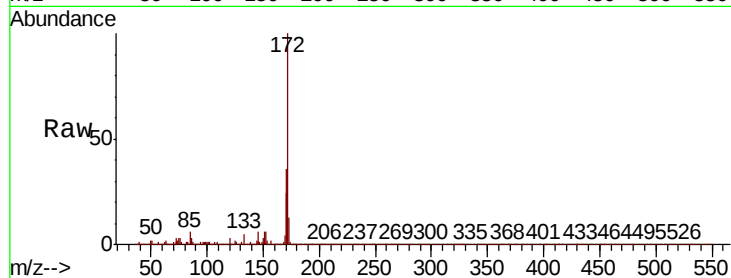




#45
2-Fluorobiphenyl
Concen: 71.042 ng
RT: 12.96 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

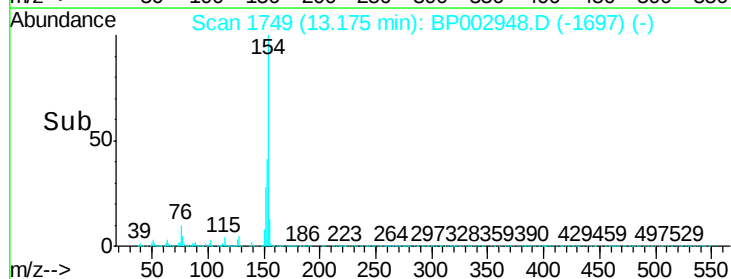
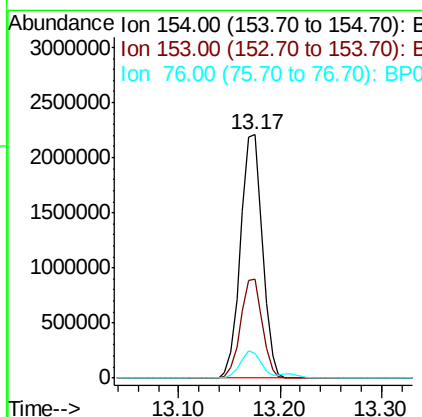
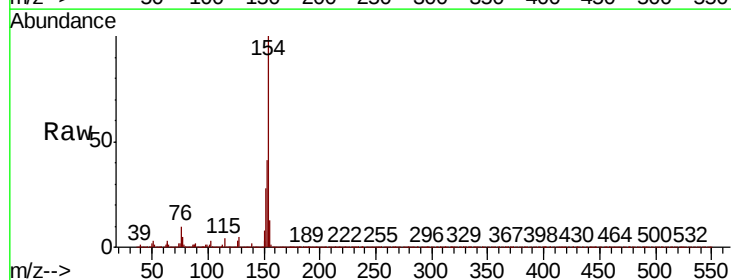
Instrument :
BNA_P
ClientSampleId :
PB130914BS

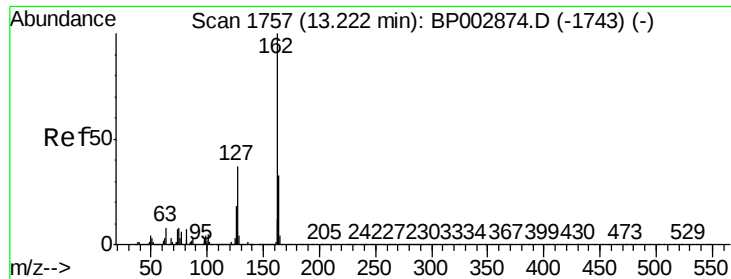
Tot Ion:172 Resp: 5256747
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.5 19.6 29.4



#46
1,1'-Biphenyl
Concen: 39.511 ng
RT: 13.17 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:154 Resp: 3302240
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 10.2 0.0 31.1

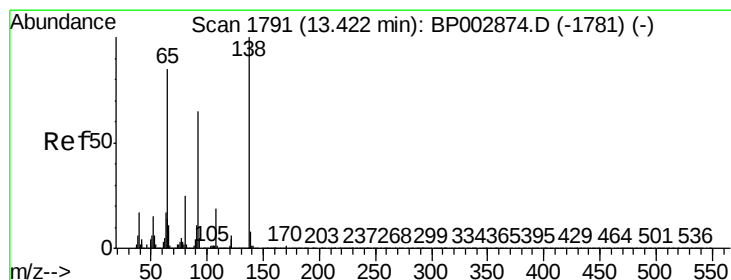
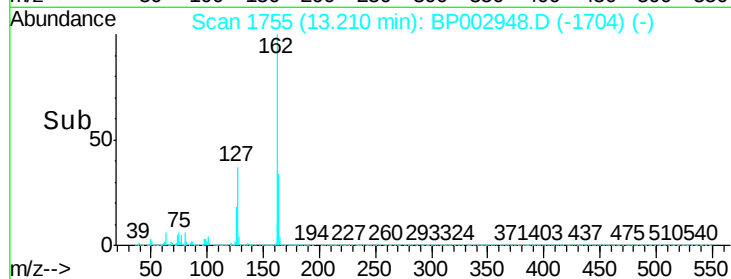
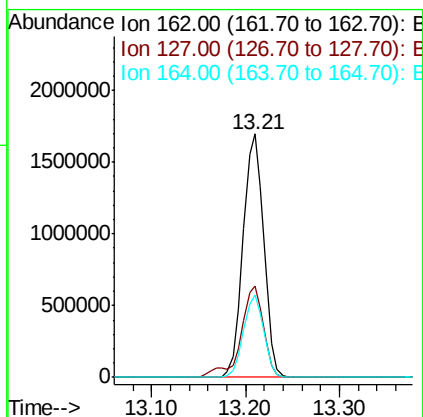
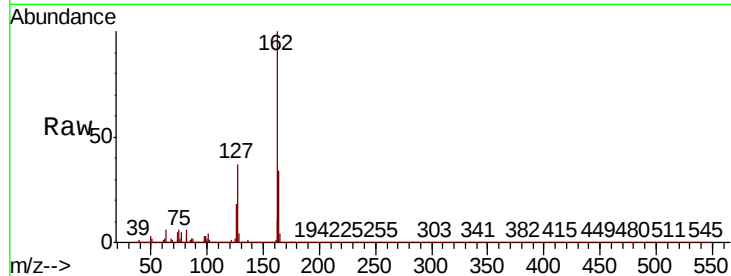




#47
2-Chloronaphthalene
Concen: 39.357 ng
RT: 13.21 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

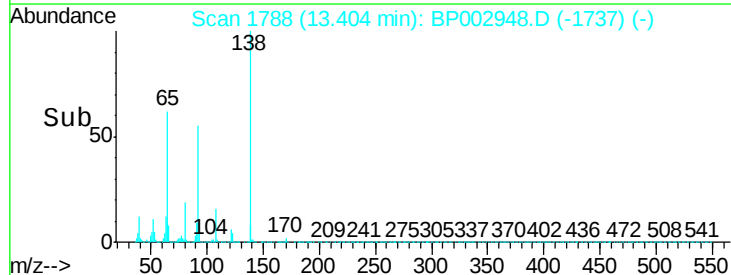
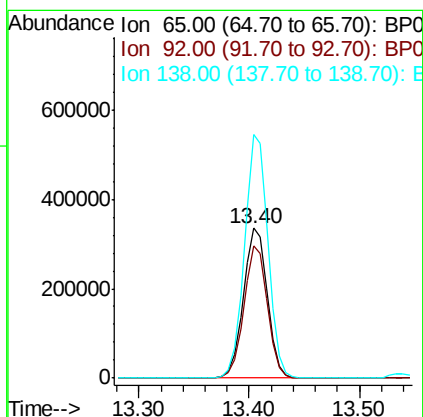
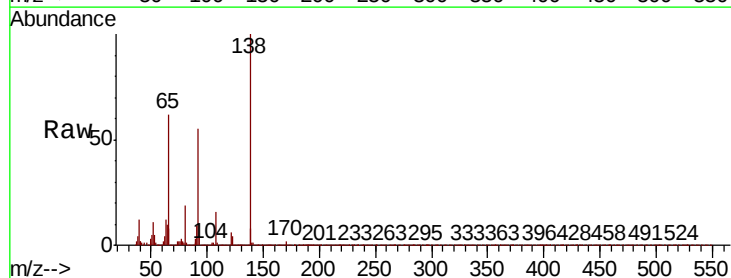
Instrument :
BNA_P
ClientSampleId :
PB130914BS

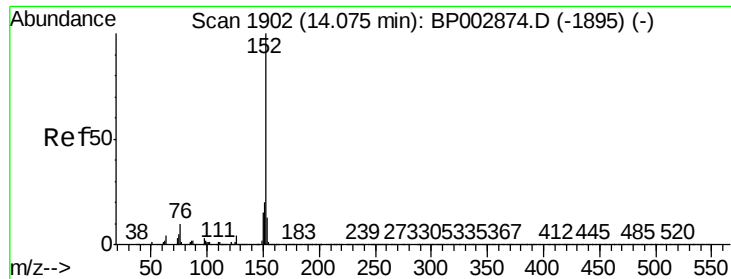
Tot Ion:162 Resp: 2575764
Ion Ratio Lower Upper
162 100
127 37.3 30.1 45.1
164 33.6 26.9 40.3



#48
2-Nitroaniline
Concen: 32.637 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion: 65 Resp: 510162
Ion Ratio Lower Upper
65 100
92 88.5 69.6 104.4
138 162.2 125.6 188.4





#49

Acenaphthylene

Concen: 38.872 ng

RT: 14.06 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

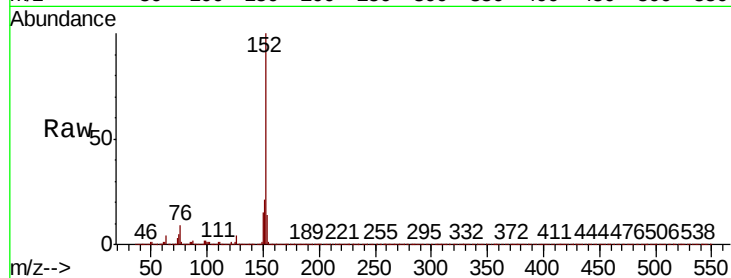
BNA_P

ClientSampleId :

PB130914BS

Tot Ion:152 Resp: 3989813

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0
153	13.5	10.9	16.3

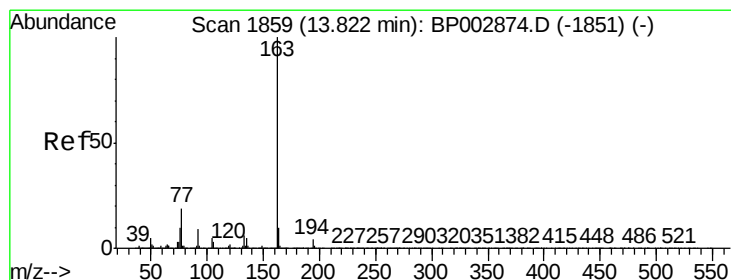
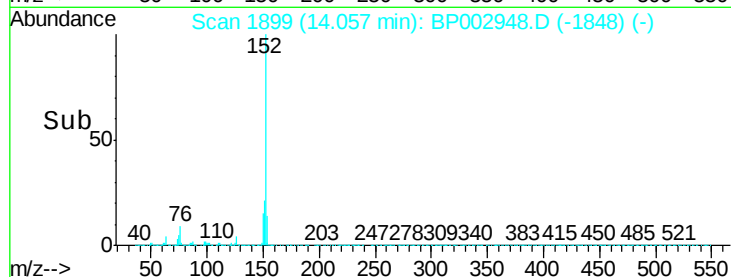
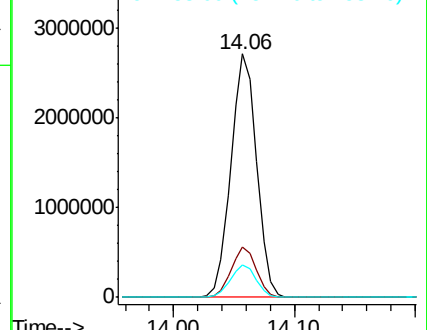


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.226 ng

RT: 13.80 min Scan# 1856

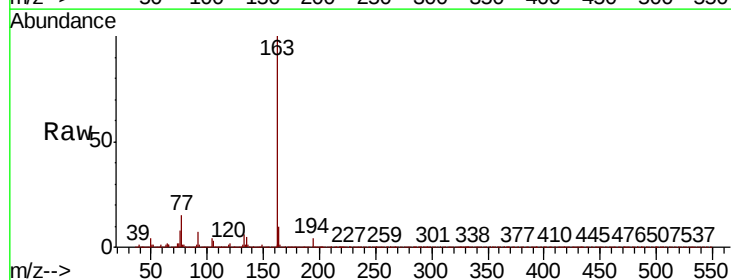
Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Tgt Ion:163 Resp: 3022641

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.2	12.4

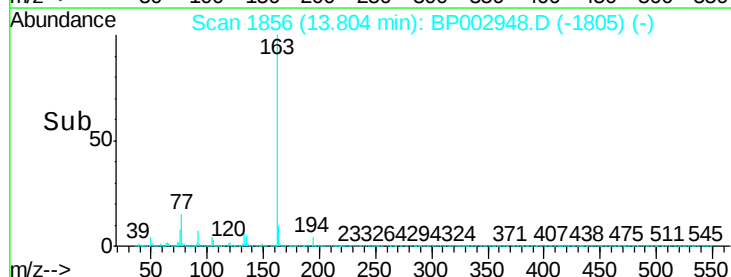
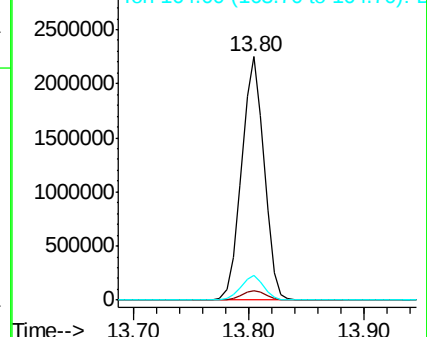


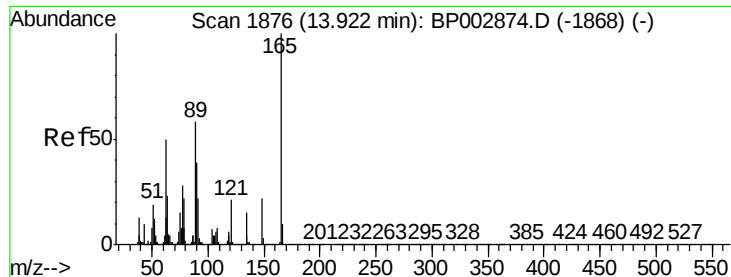
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

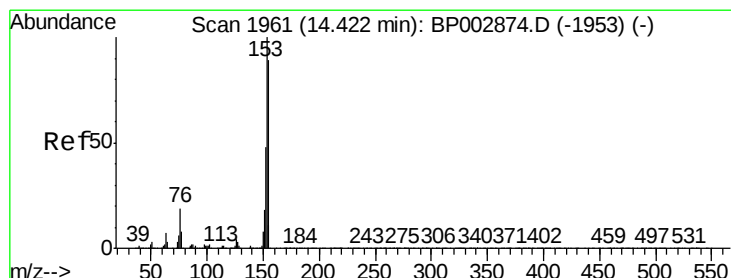
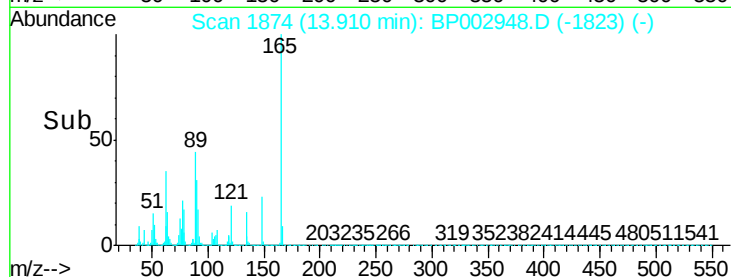
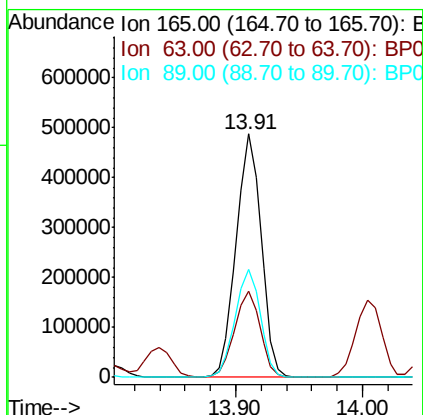
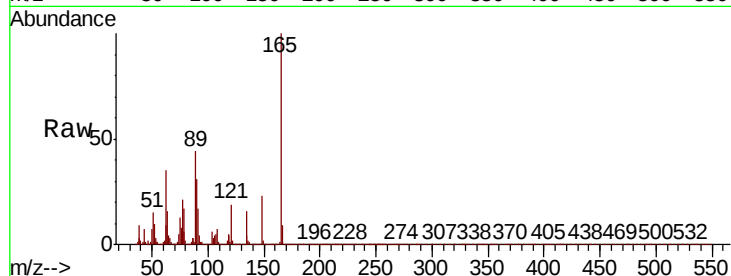




#51
 2,6-Dinitrotoluene
 Concen: 38.005 ng
 RT: 13.91 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

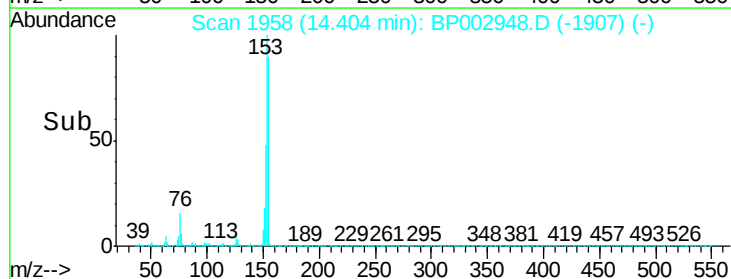
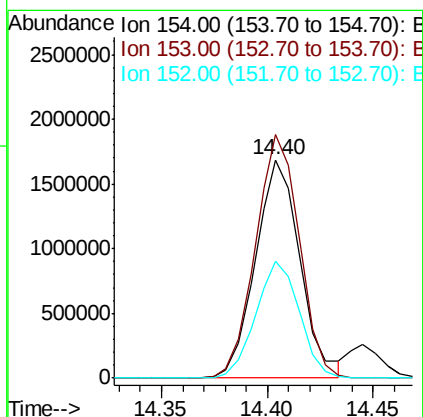
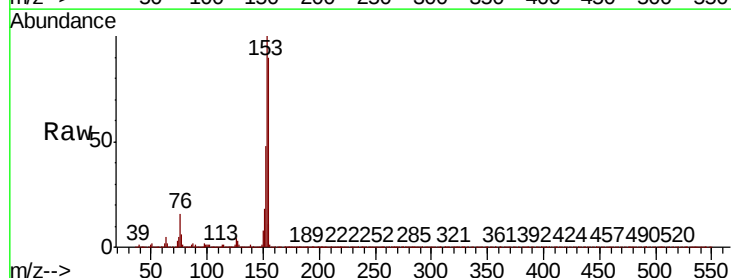
Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

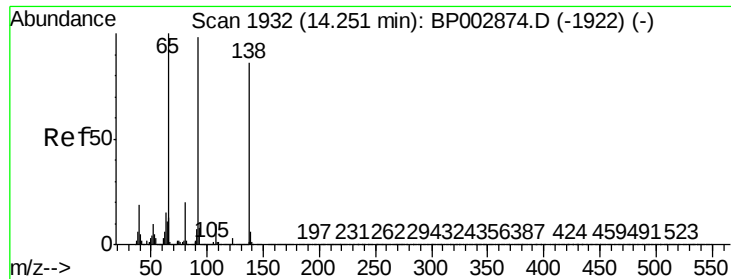
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.3	27.5	41.3
89	44.2	35.3	52.9



#52
 Acenaphthene
 Concen: 37.610 ng
 RT: 14.40 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.1	133.7
152	53.6	43.5	65.3

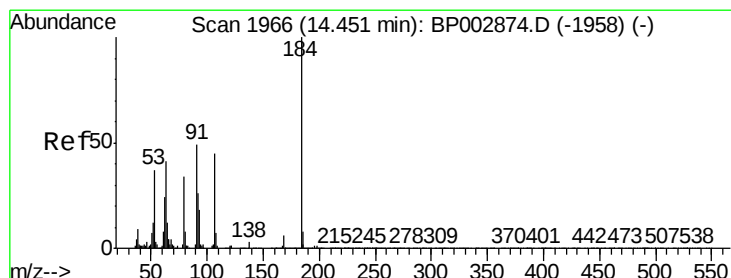
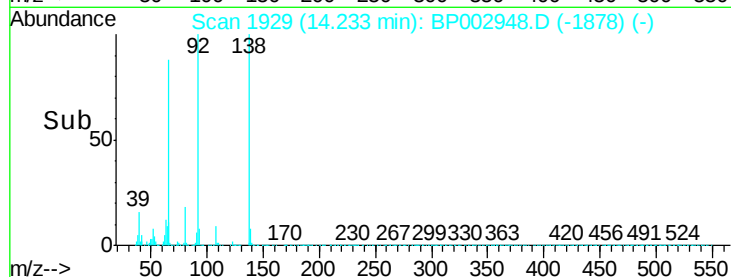
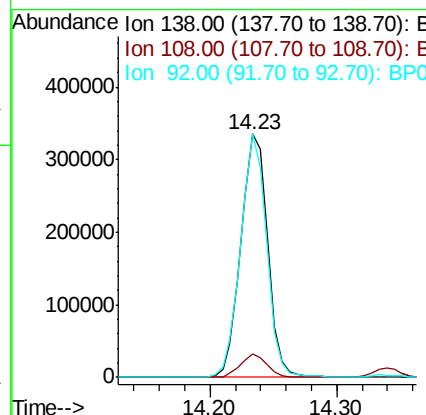
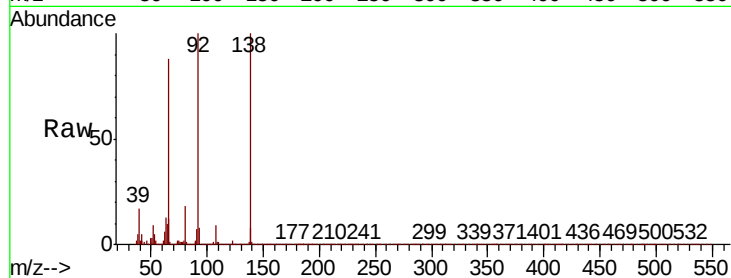




#53
3-Nitroaniline
Concen: 27.585 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

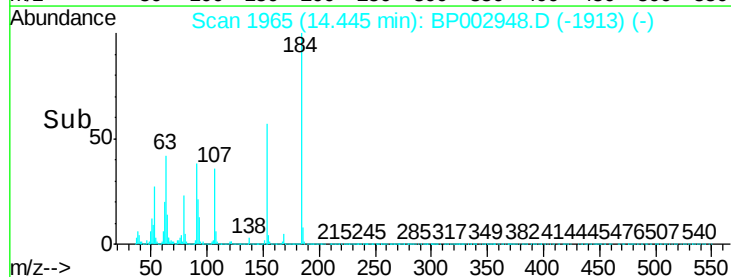
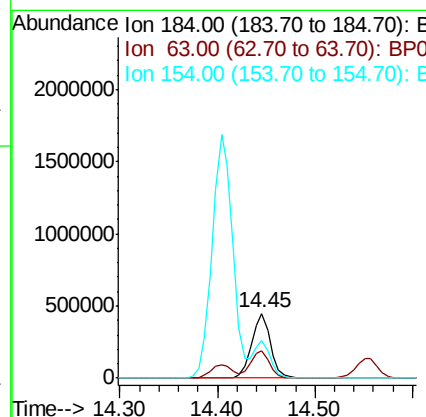
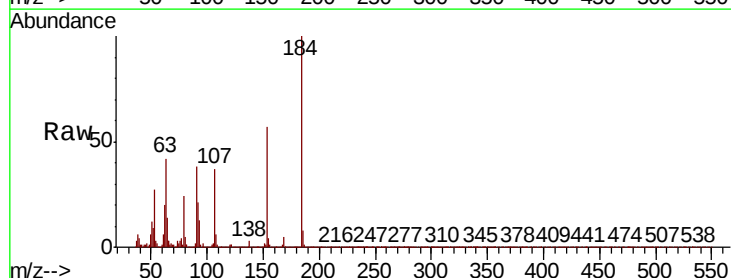
Instrument :
BNA_P
ClientSampleId :
PB130914BS

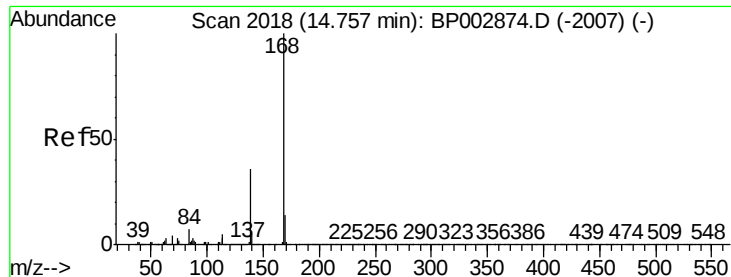
Tot Ion:138 Resp: 488327
Ion Ratio Lower Upper
138 100
108 9.4 7.2 10.8
92 100.1 75.8 113.6



#54
2,4-Dinitrophenol
Concen: 80.207 ng
RT: 14.45 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:184 Resp: 602465
Ion Ratio Lower Upper
184 100
63 41.6 36.4 54.6
154 57.1 46.6 69.8





#55

Dibenzofuran

Concen: 36.541 ng

RT: 14.74 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

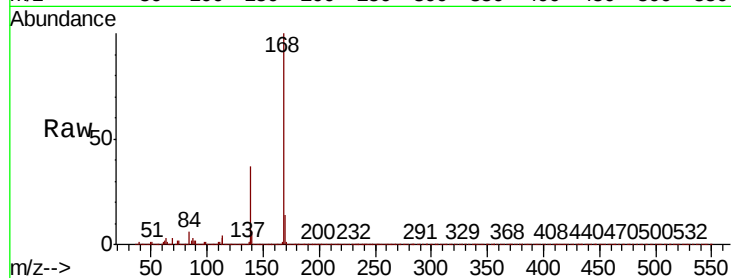
BNA_P

ClientSampleId :

PB130914BS

Tot Ion:168 Resp: 3697474

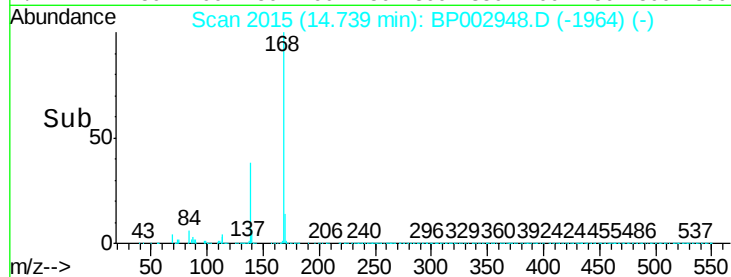
Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.4	44.2
169	13.9	11.0	16.6



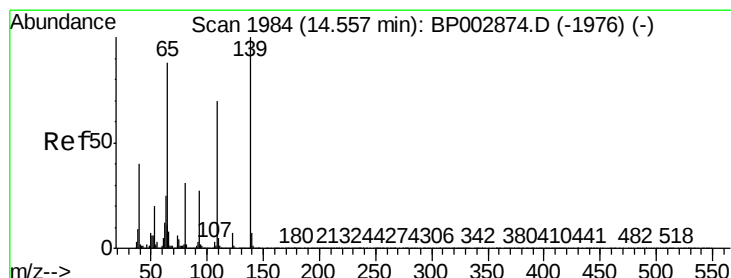
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 82.487 ng

RT: 14.56 min Scan# 1984

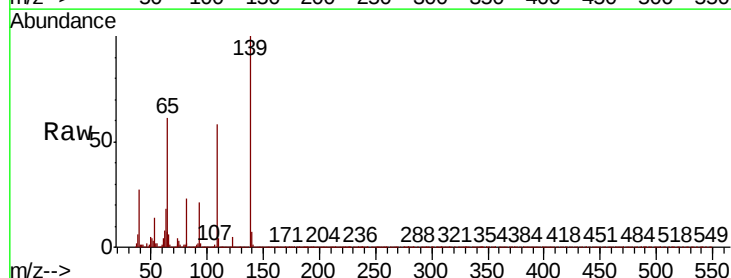
Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Tgt Ion:139 Resp: 1156586

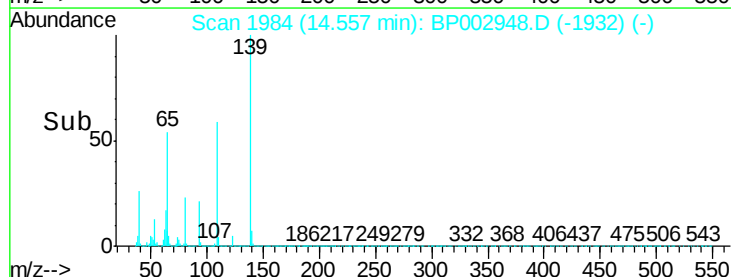
Ion	Ratio	Lower	Upper
139	100		
109	58.2	37.6	77.6
65	61.2	43.0	83.0



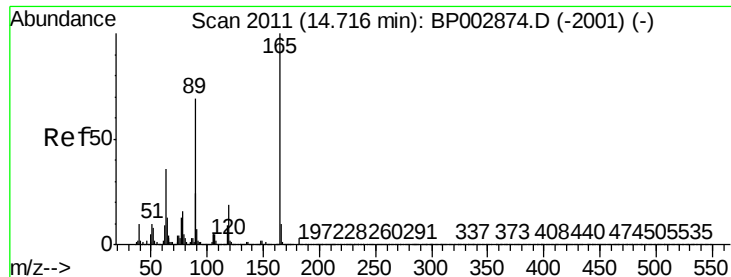
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



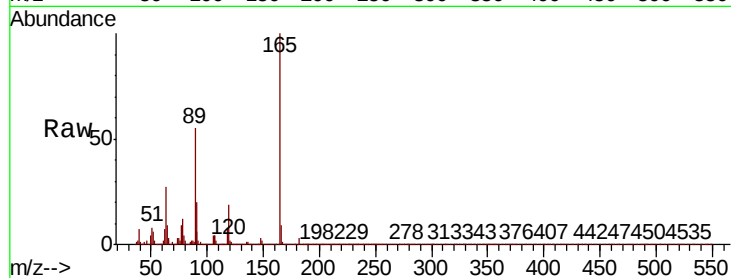
Time-->



#57
2,4-Dinitrotoluene
Concen: 38.032 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion:165	Resp:	873235
Ion	Ratio	Lower Upper
165	100	
63	26.8	22.6 34.0
89	55.2	46.2 69.2
182	2.8	2.2 3.4

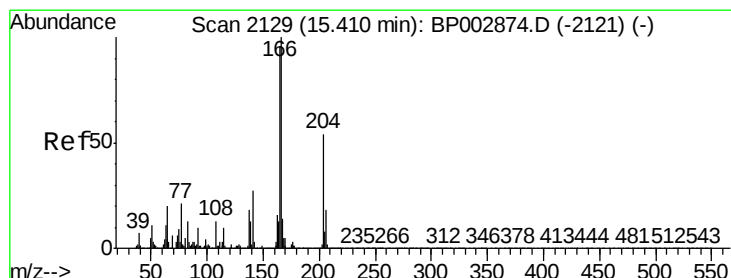
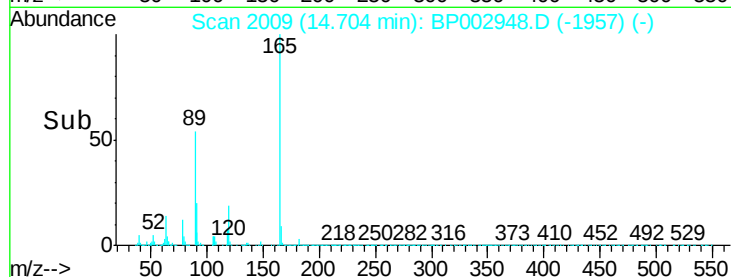
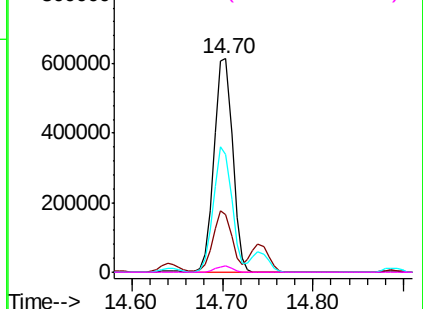


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

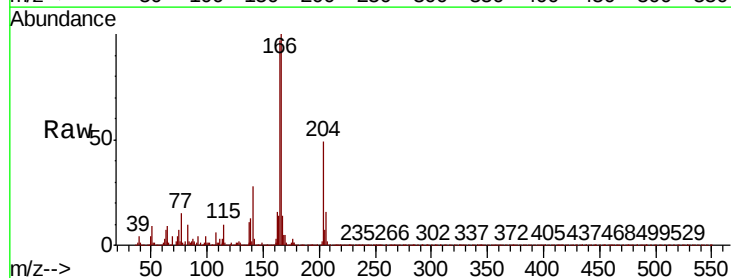
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.972 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

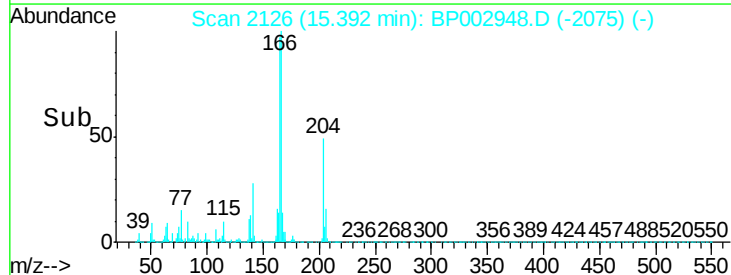
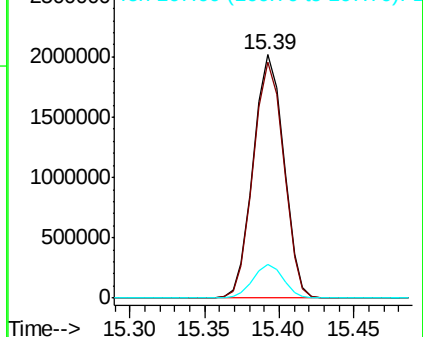
Tgt Ion:166	Resp:	2849883
Ion	Ratio	Lower Upper
166	100	
165	97.0	77.0 115.6
167	13.8	11.0 16.4

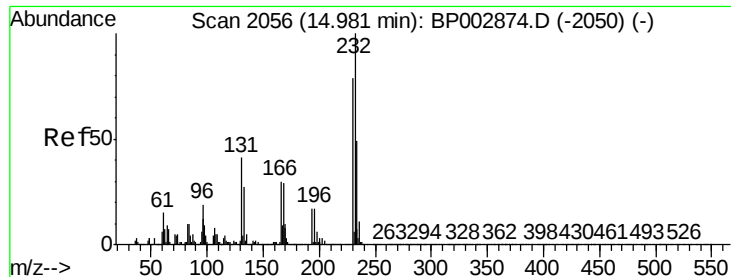


Abundance Ion 166.00 (165.70 to 166.70): E

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: 38.344 ng

RT: 14.97 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

Tot Ion:232 Resp: 739391

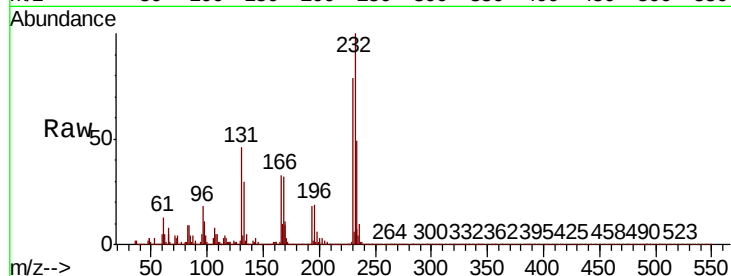
Ion Ratio Lower Upper

232 100

131 45.2 36.6 54.8

130 2.2 1.8 2.8

166 31.6 25.4 38.2

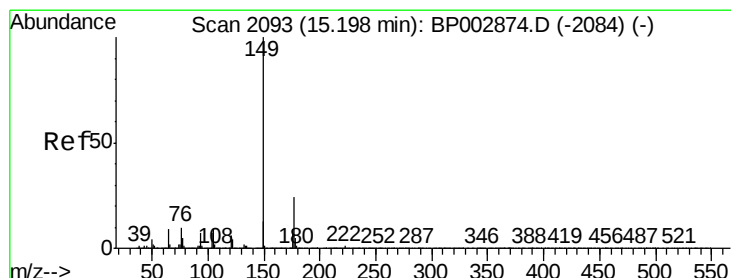
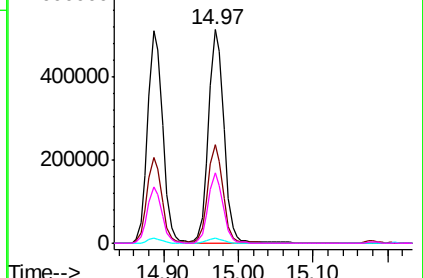
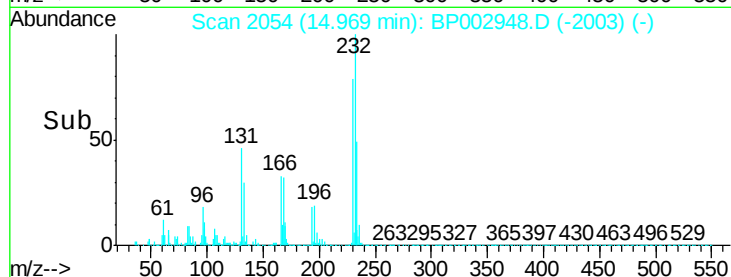


Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.762 ng

RT: 15.18 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

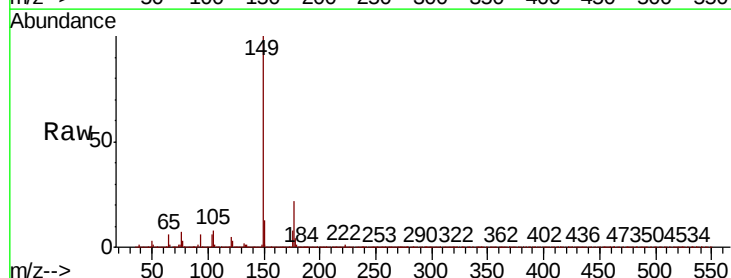
Tgt Ion:149 Resp: 2917725

Ion Ratio Lower Upper

149 100

177 22.5 18.2 27.4

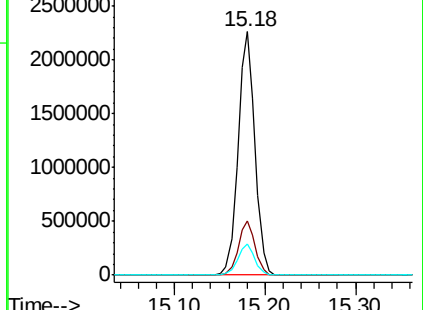
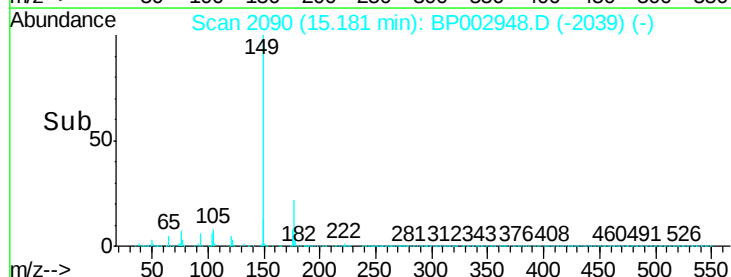
150 12.7 10.2 15.4

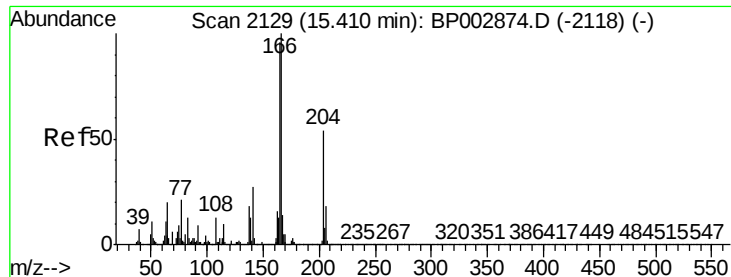


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

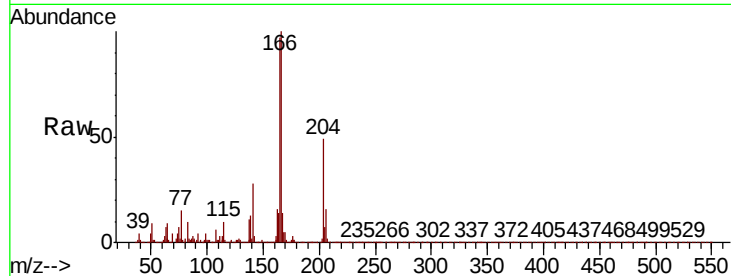




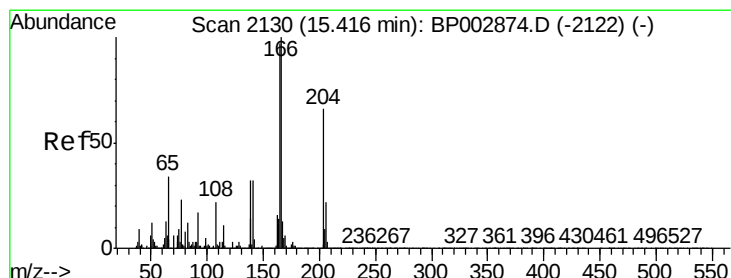
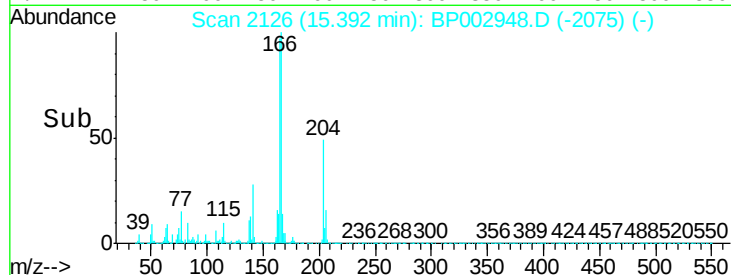
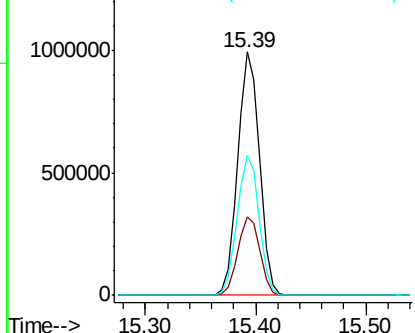
#61
4-Chlorophenyl-phenylether
Concen: 33.715 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion:204 Resp: 1374699
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 57.3 46.1 69.1

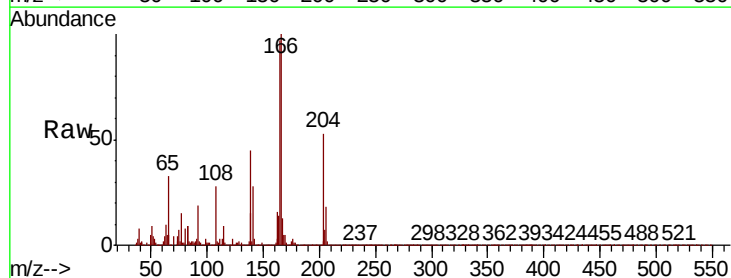


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

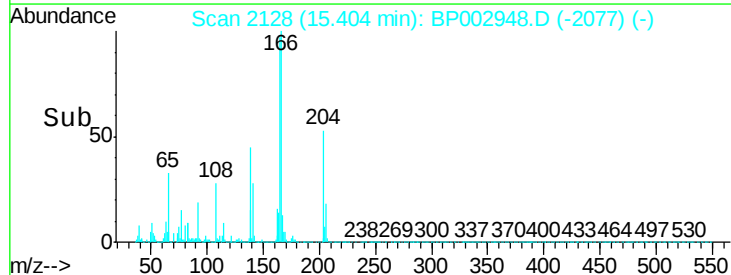
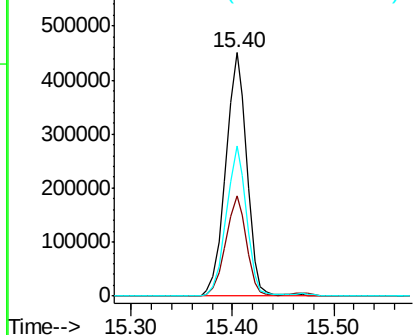


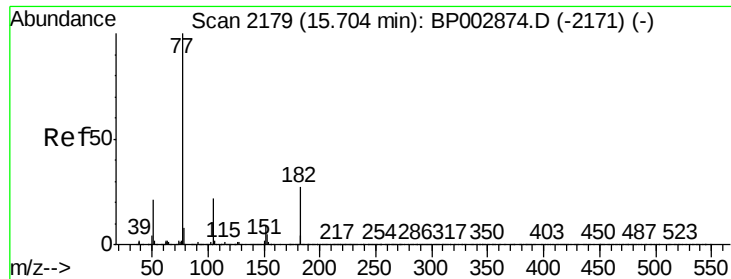
#62
4-Nitroaniline
Concen: 36.208 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:138 Resp: 652902
Ion Ratio Lower Upper
138 100
92 41.4 21.2 61.2
108 61.6 40.5 80.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BP0
Ion 108.00 (107.70 to 108.70): E



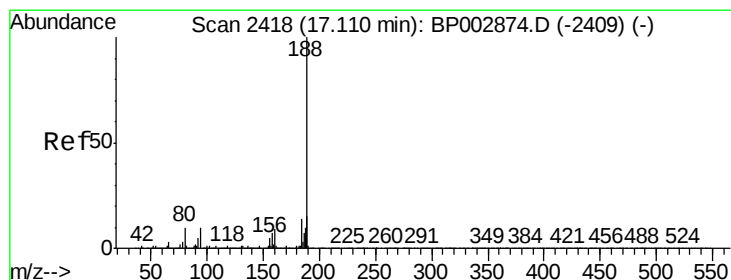
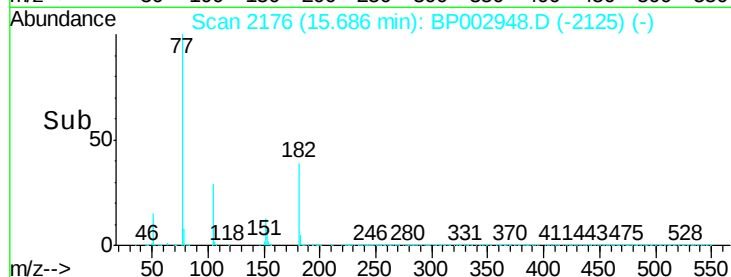
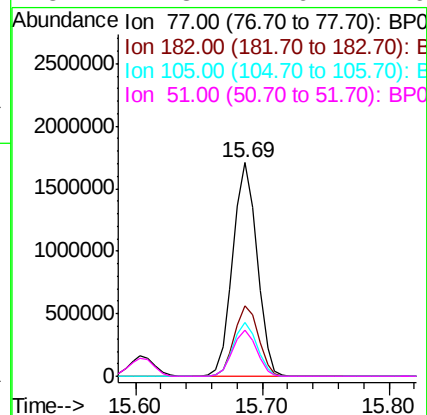
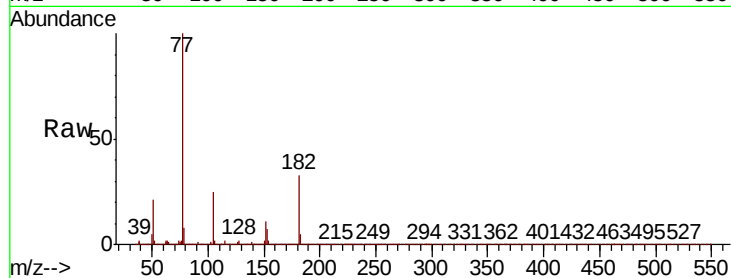


#63
Azobenzene
Concen: 28.854 ng
RT: 15.69 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion: 77 Resp: 2244449

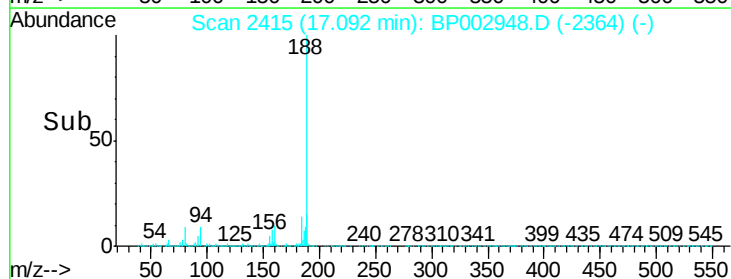
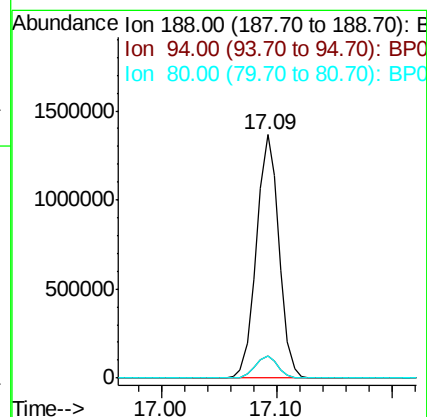
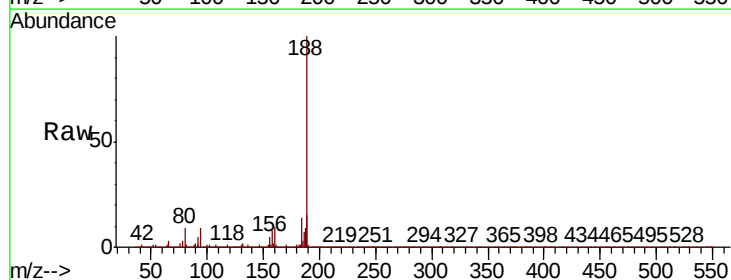
Ion	Ratio	Lower	Upper
77	100		
182	33.2	13.4	53.4
105	25.0	5.1	45.1
51	21.3	1.6	41.6

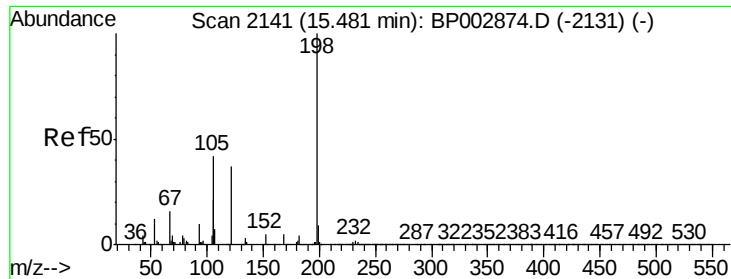


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion: 188 Resp: 1852259

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	8.9	7.0	10.6

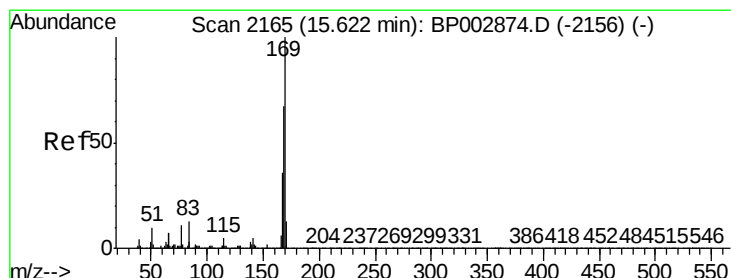
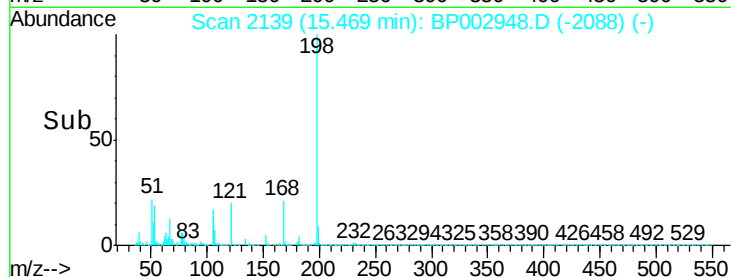
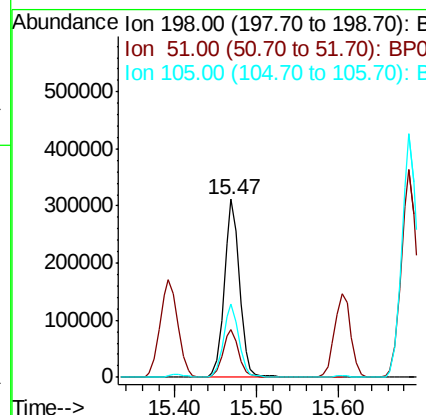
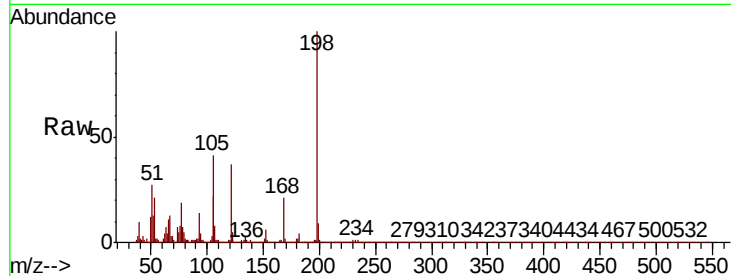




#65
4,6-Dinitro-2-methylphenol
Concen: 43.033 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

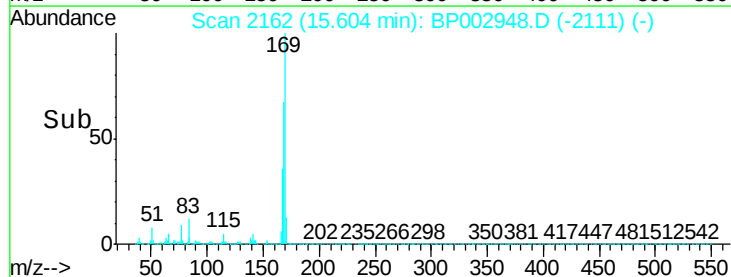
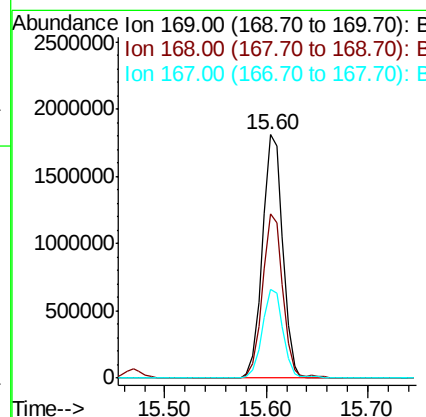
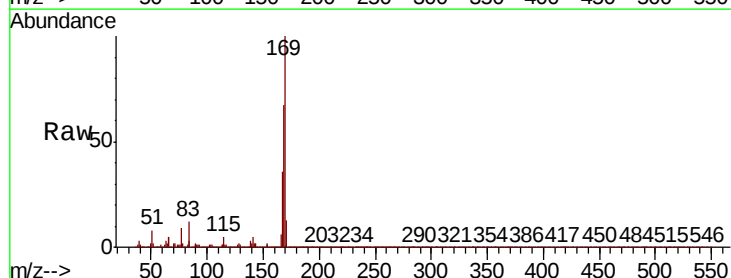
Instrument :
BNA_P
ClientSampleId :
PB130914BS

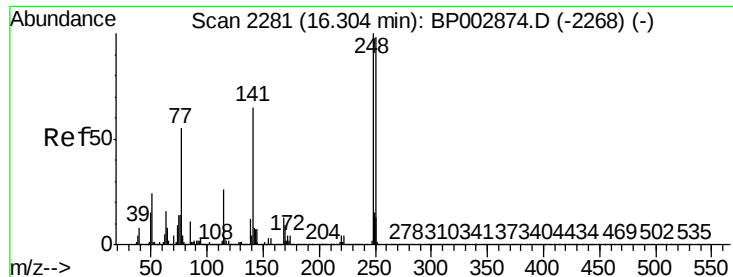
Tot Ion:198 Resp: 407266
Ion Ratio Lower Upper
198 100
51 27.0 6.5 46.5
105 41.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 40.824 ng
RT: 15.60 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:169 Resp: 2504318
Ion Ratio Lower Upper
169 100
168 67.3 53.3 79.9
167 36.4 29.4 44.0

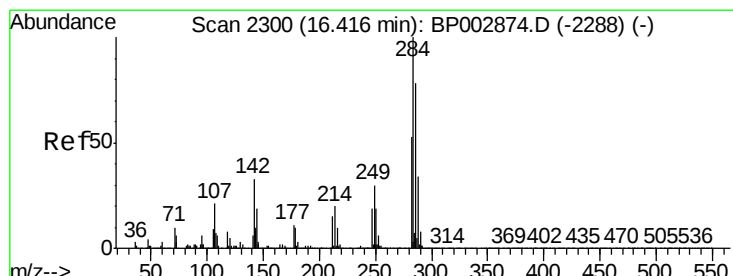
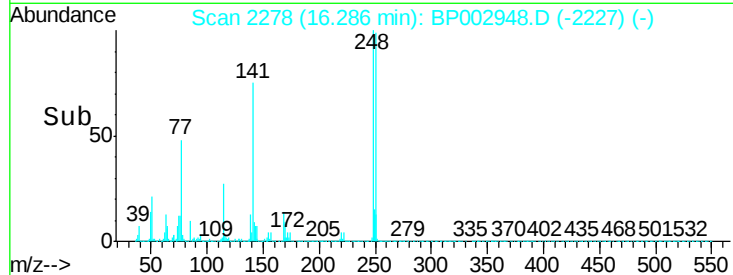
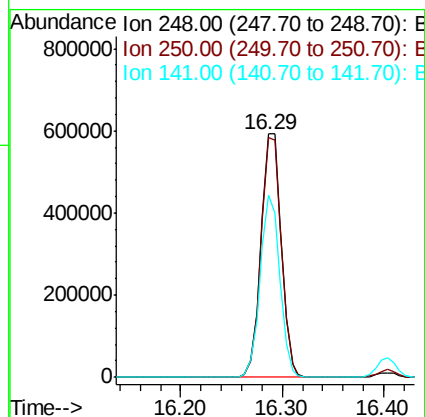
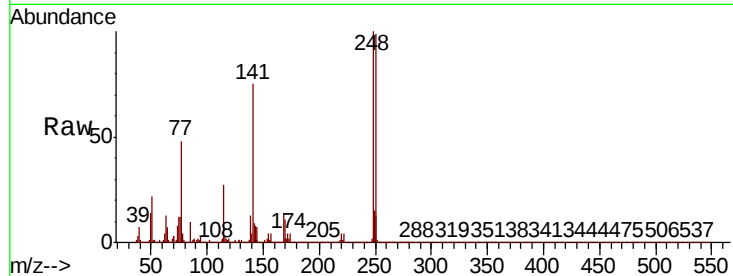




#67
4-Bromophenyl-phenylether
Concen: 36.640 ng
RT: 16.29 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

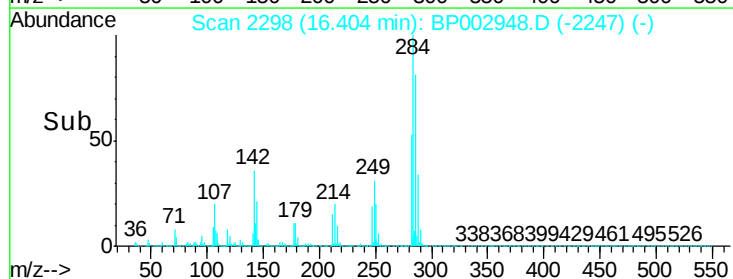
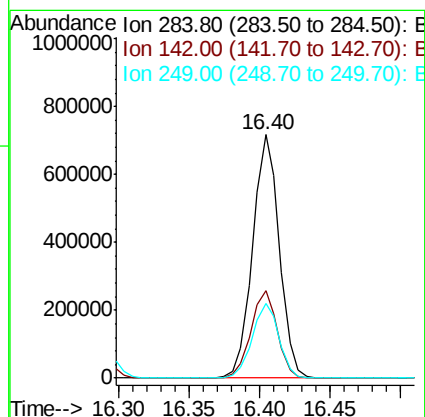
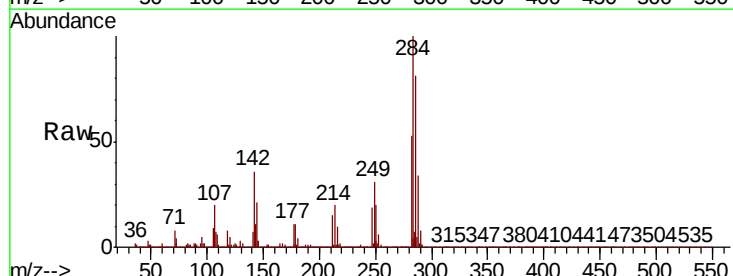
Instrument :
BNA_P
ClientSampleId :
PB130914BS

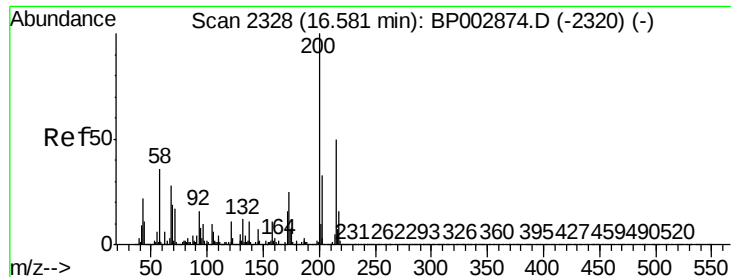
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.1	117.1
141	75.0	59.8	89.6



#68
Hexachlorobenzene
Concen: 36.416 ng
RT: 16.40 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.3	42.5
249	30.7	25.3	37.9





#69

Atrazine

Concen: 32.761 ng

RT: 16.56 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

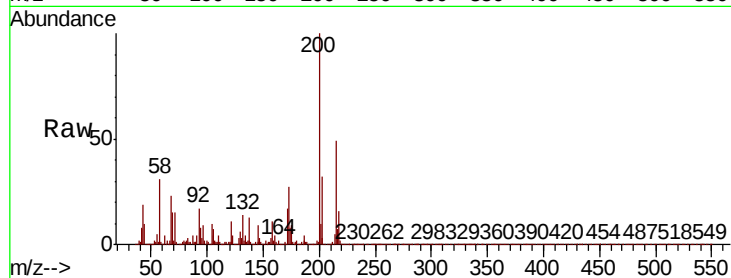
Tot Ion:200 Resp: 680884

Ion Ratio Lower Upper

200 100

173 27.4 7.7 47.7

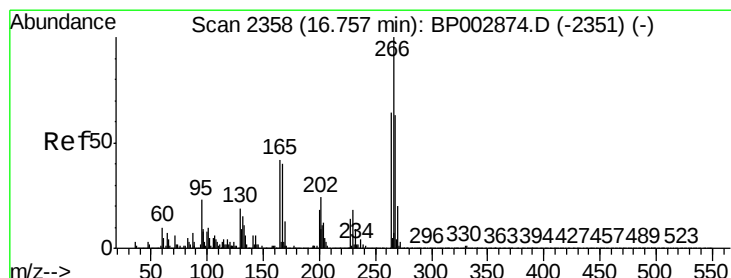
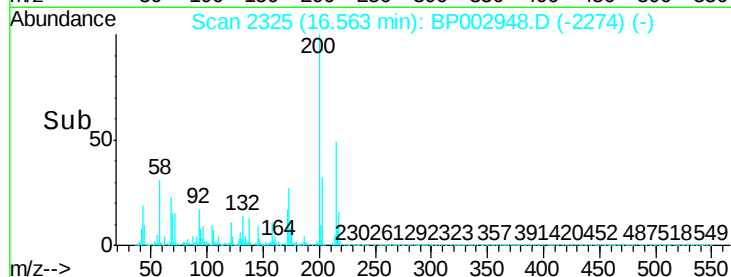
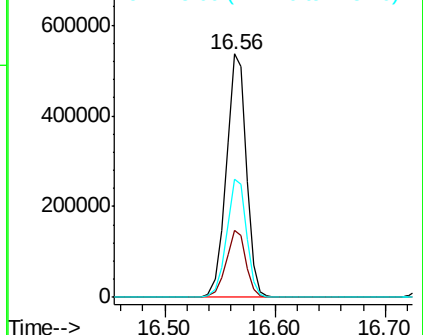
215 48.6 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.992 ng

RT: 16.75 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

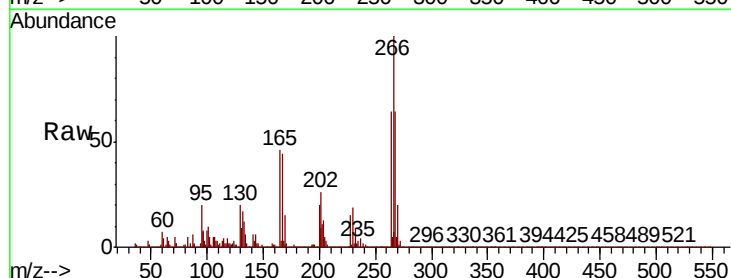
Tgt Ion:266 Resp: 1067663

Ion Ratio Lower Upper

266 100

268 64.1 51.3 76.9

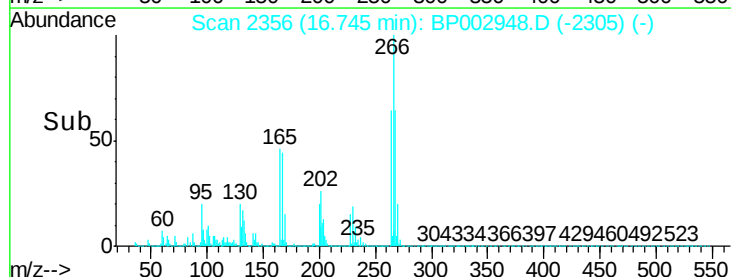
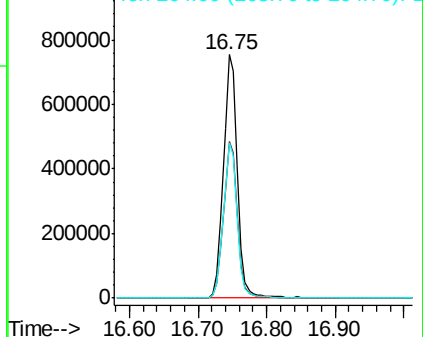
264 63.6 51.1 76.7

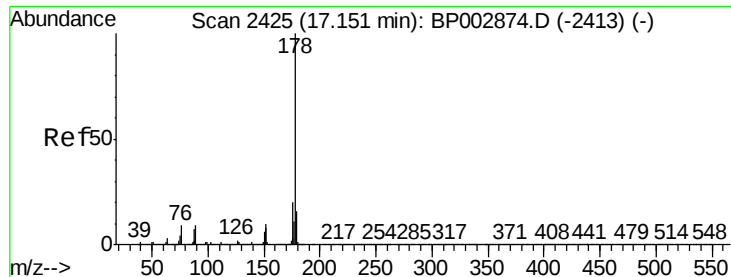


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

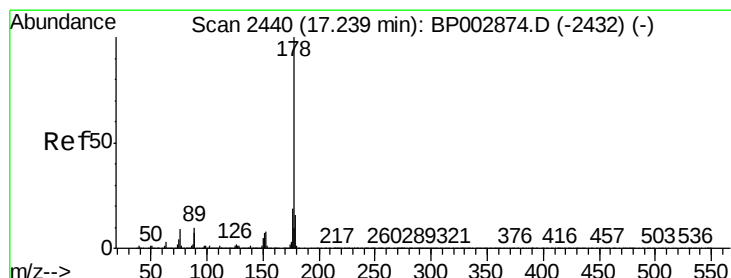
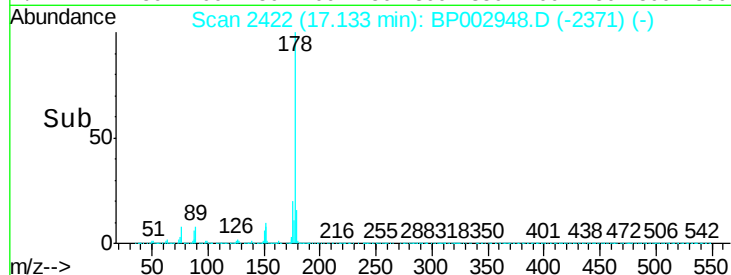
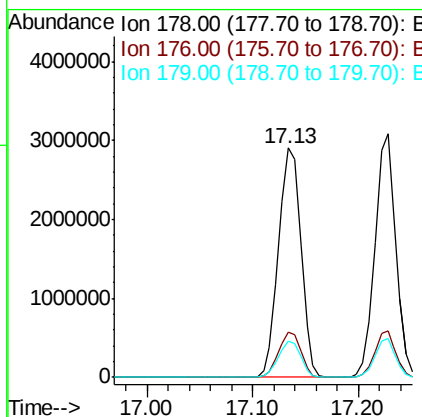
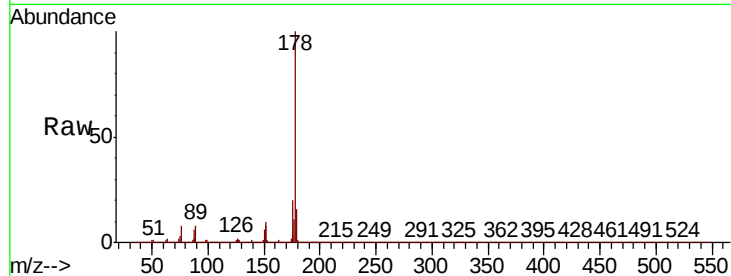




#71
Phenanthrene
Concen: 39.108 ng
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

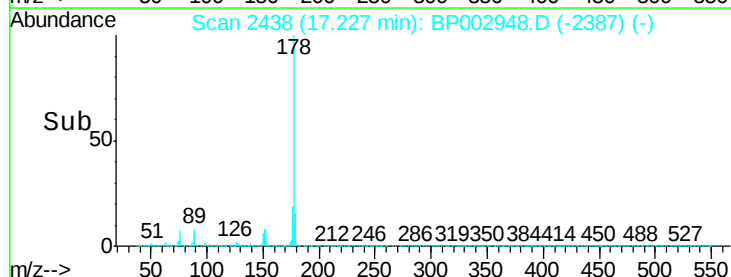
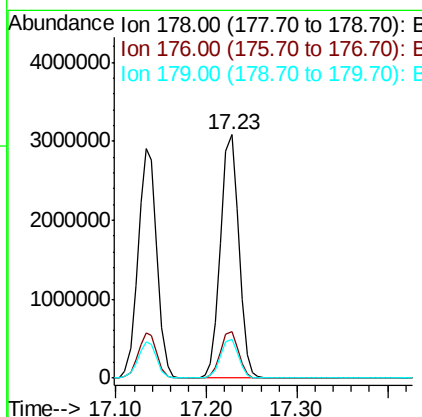
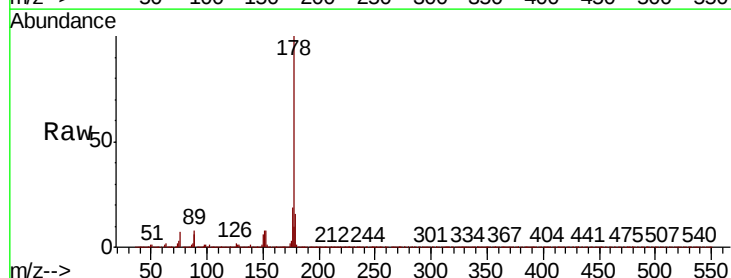
Instrument :
BNA_P
ClientSampleId :
PB130914BS

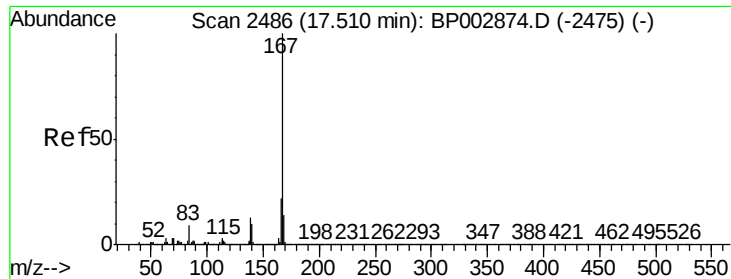
Tot Ion:178 Resp: 4247770
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.9 13.0 19.4



#72
Anthracene
Concen: 40.246 ng
RT: 17.23 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:178 Resp: 4272452
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.8 12.8 19.2

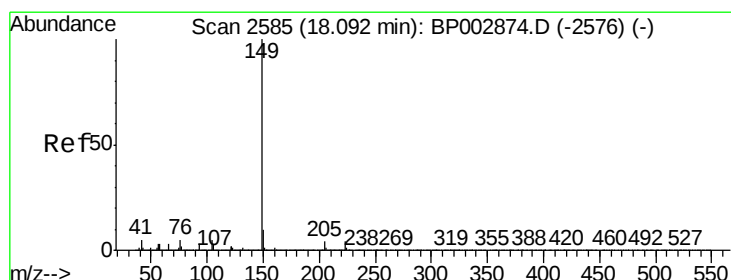
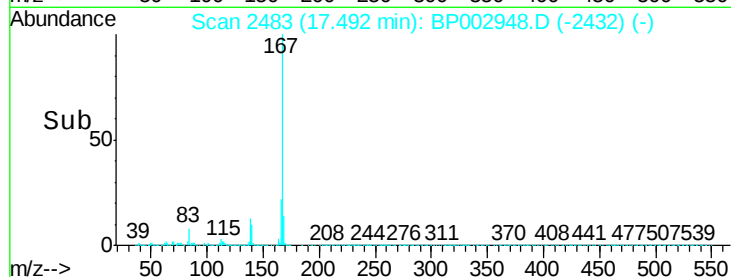
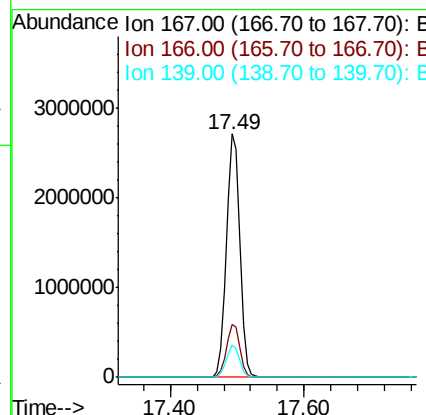
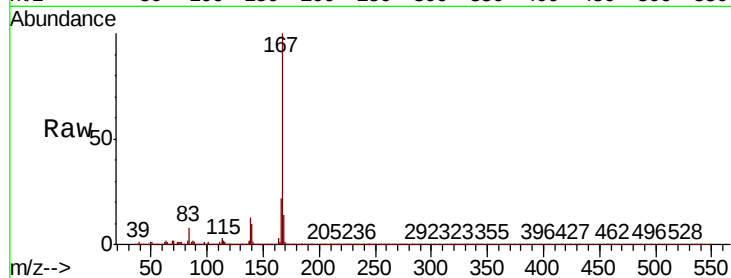




#73
 Carbazole
 Concen: 37.342 ng
 RT: 17.49 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

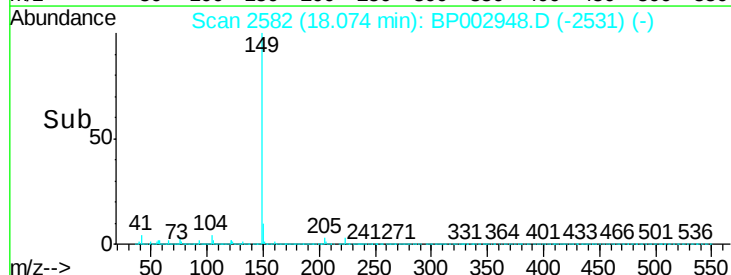
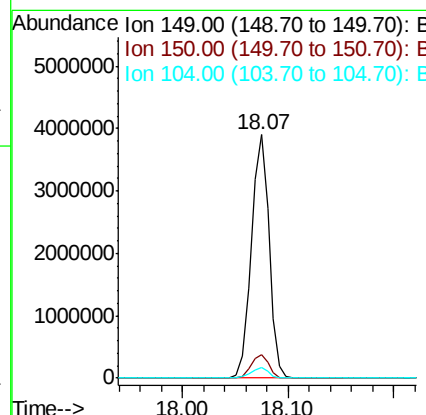
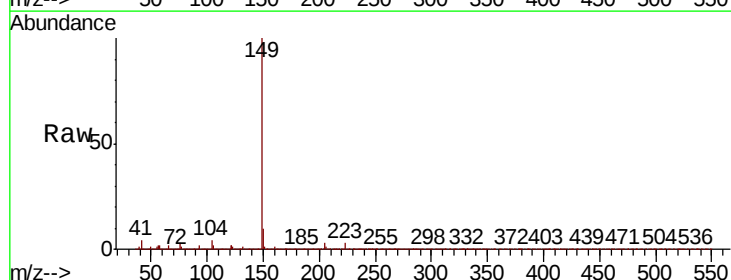
Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

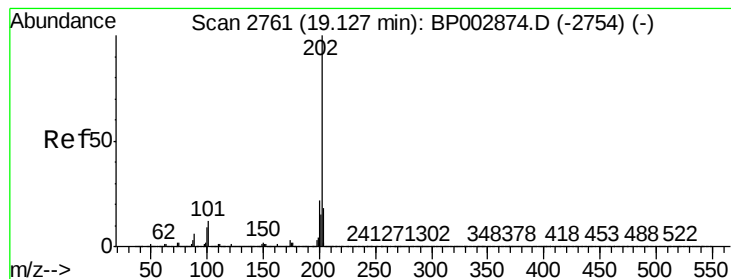
Tot Ion:167 Resp: 3871301
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.616 ng
 RT: 18.07 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion:149 Resp: 4538494
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.3 3.4 5.2





#75

Fluoranthene

Concen: 35.568 ng

RT: 19.11 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

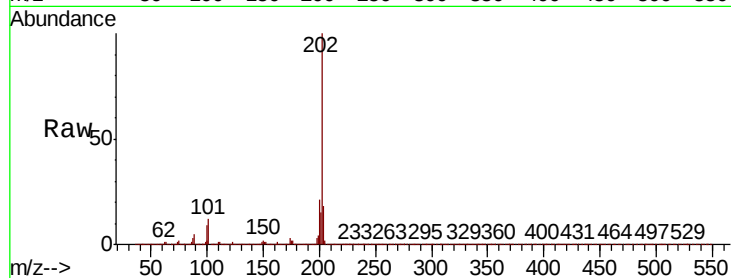
Tot Ion:202 Resp: 4451041

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.0
203	18.2	0.0	38.5

202 100

101 12.0 0.0 32.0

203 18.2 0.0 38.5

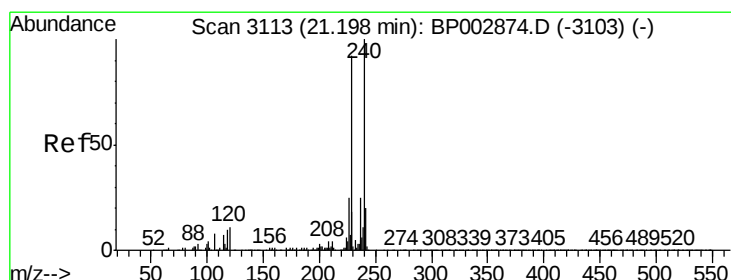
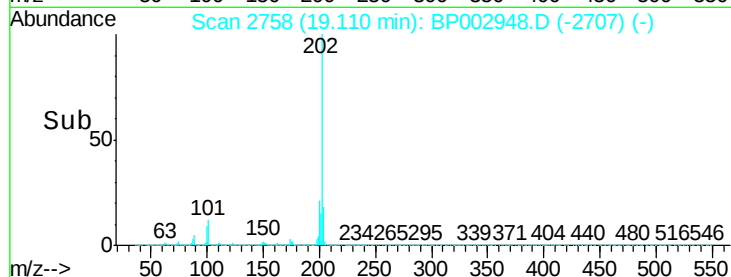
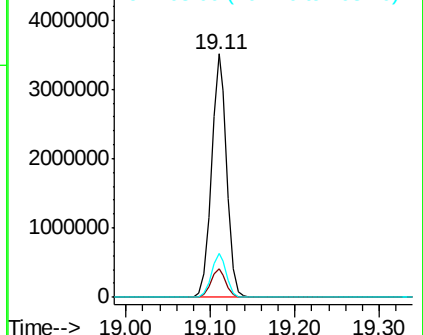


Abundance

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: 21.19 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

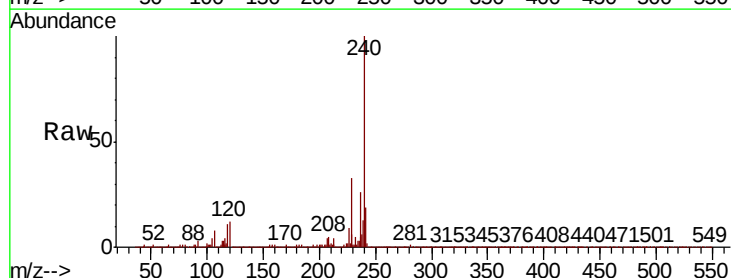
Tgt Ion:240 Resp: 1430873

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.6	16.0
236	26.1	20.7	31.1

240 100

120 12.0 10.6 16.0

236 26.1 20.7 31.1

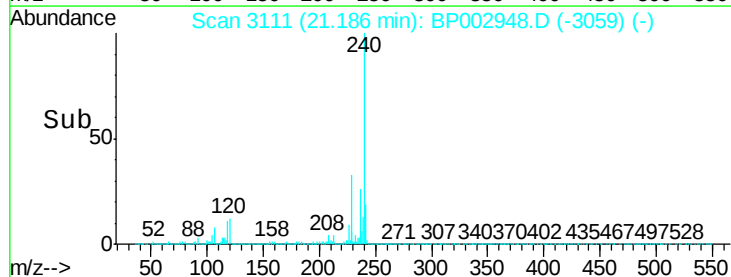
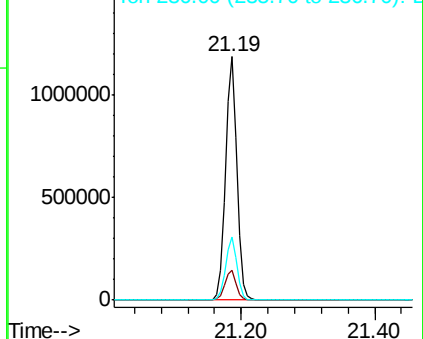


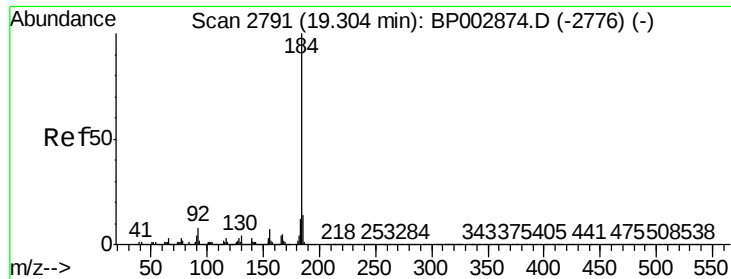
Abundance

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

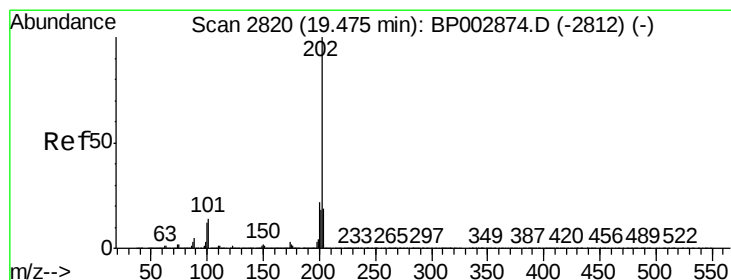
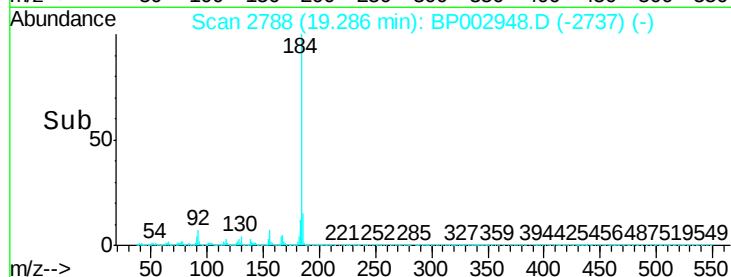
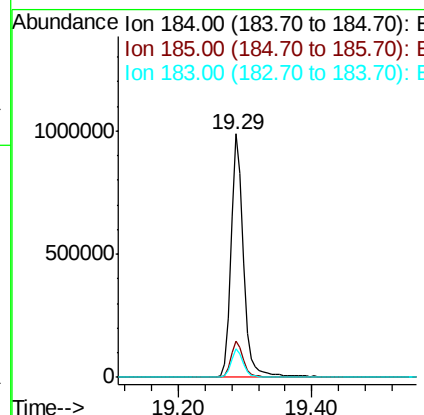
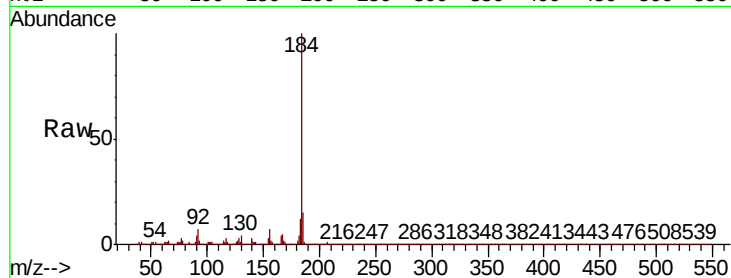




#77
Benzidine
Concen: 30.000 ng
RT: 19.29 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

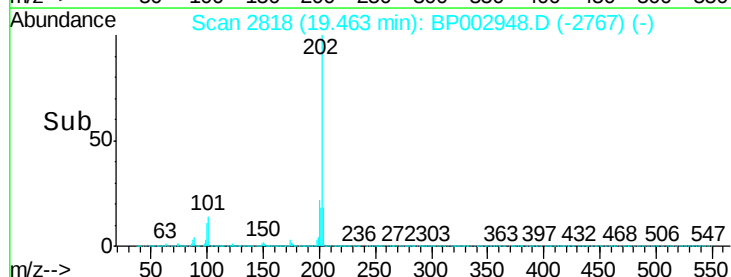
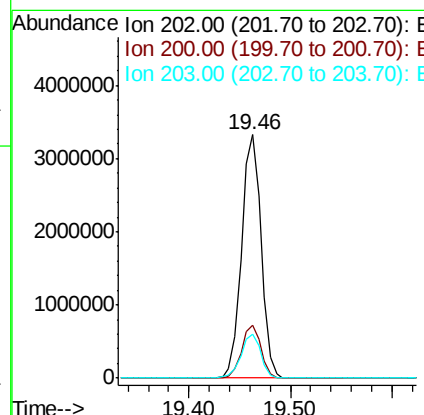
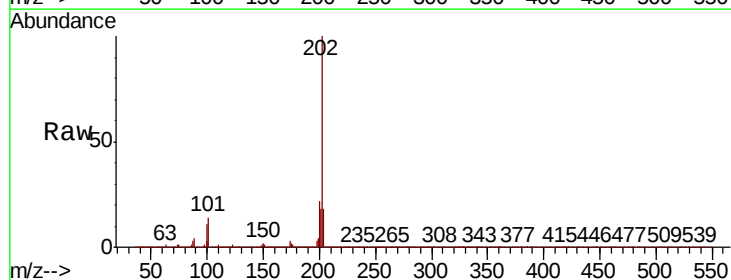
Instrument :
BNA_P
ClientSampleId :
PB130914BS

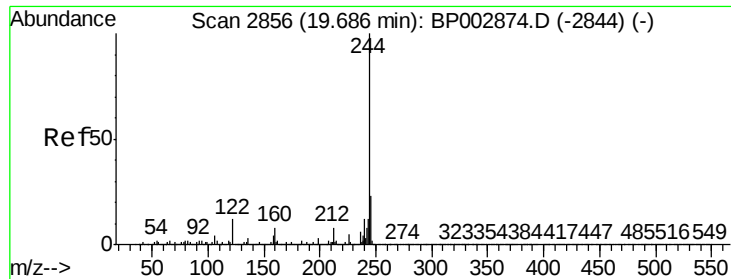
Tot Ion:184 Resp: 1308979
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.6 9.5 14.3



#78
Pyrene
Concen: 44.384 ng
RT: 19.46 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:202 Resp: 4439668
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 18.2 14.8 22.2





#79

Terphenyl-d14

Concen: 81.575 ng

RT: 19.67 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

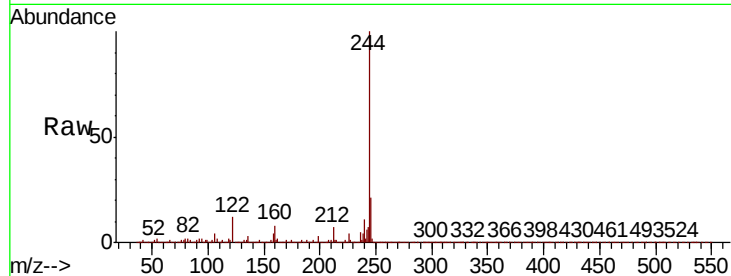
Tot Ion:244 Resp: 5830494

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

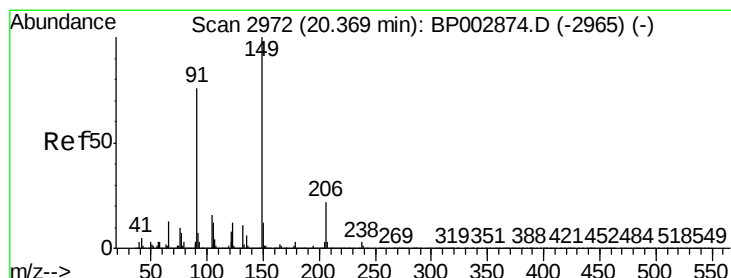
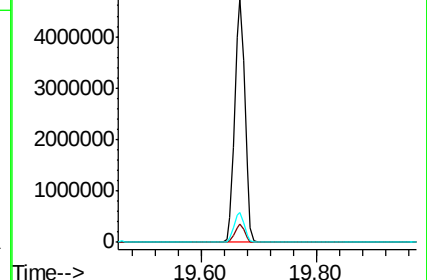
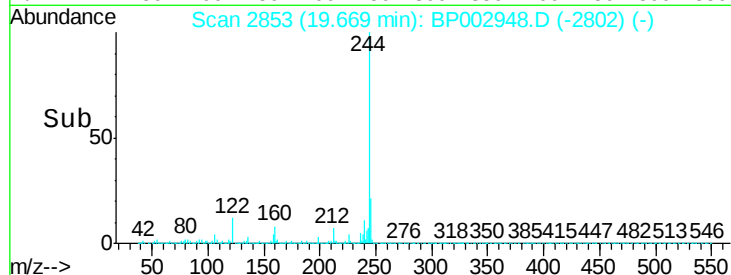
122 12.2 9.9 14.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.820 ng

RT: 20.35 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

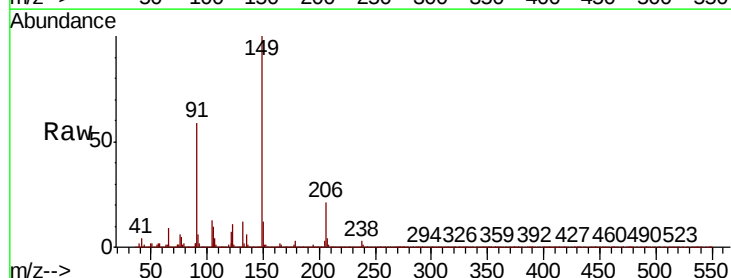
Tgt Ion:149 Resp: 1768965

Ion Ratio Lower Upper

149 100

91 59.2 46.5 69.7

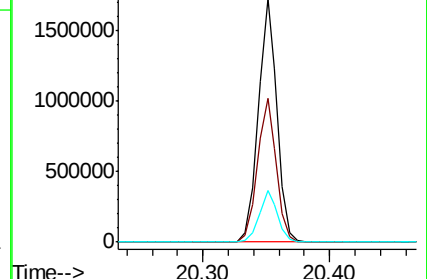
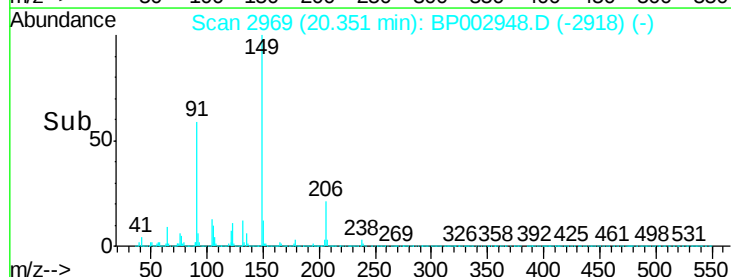
206 21.0 17.2 25.8

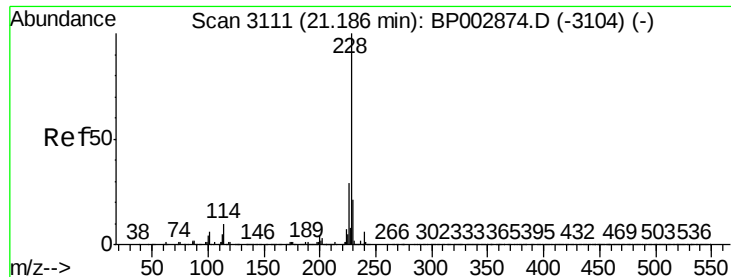


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.866 ng

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

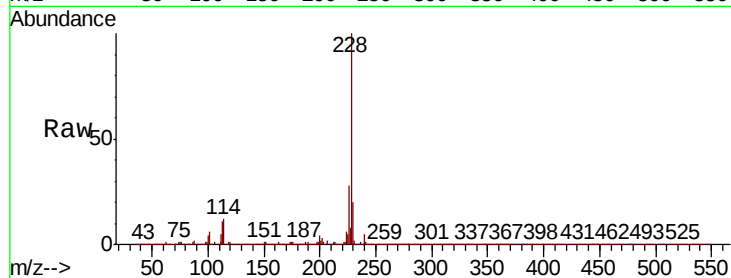
Tot Ion:228 Resp: 3788072

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.9	34.3
229	20.1	16.6	25.0

228 100

226 27.7 22.9 34.3

229 20.1 16.6 25.0



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

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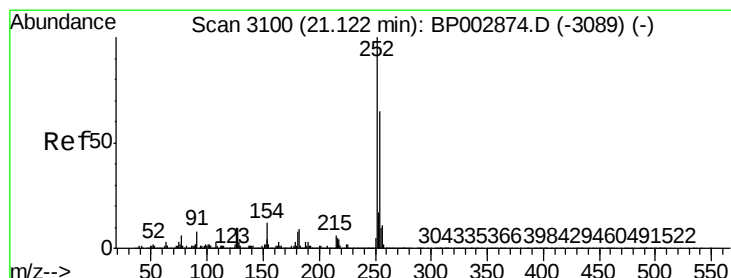
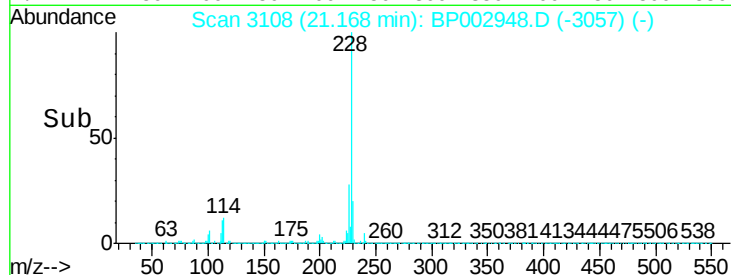
21.17

21.17

21.17

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21.17



#82

3,3'-Dichlorobenzidine

Concen: 32.754 ng

RT: 21.10 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

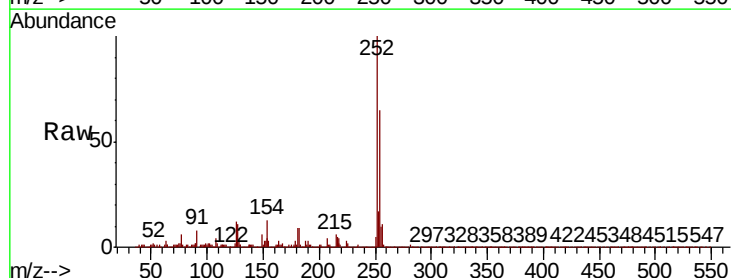
Tgt Ion:252 Resp: 1263555

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	11.9	9.3	13.9

252 100

254 65.1 51.9 77.9

126 11.9 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

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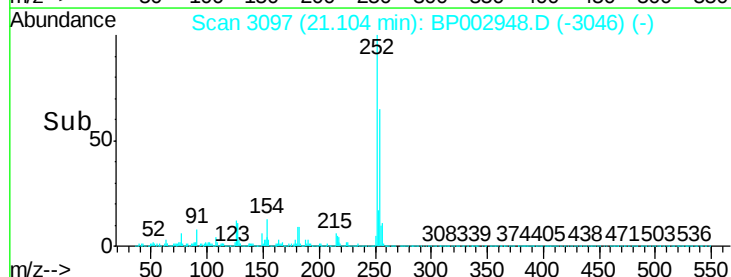
21.10

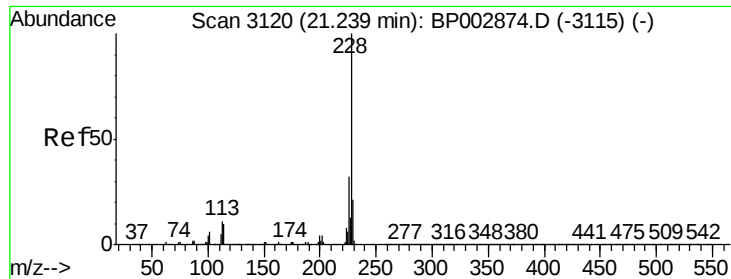
21.10

21.10

21.10

21.10





#83

Chrysene

Concen: 39.480 ng

RT: 21.22 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

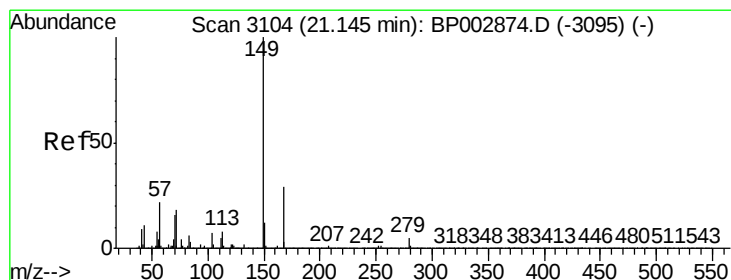
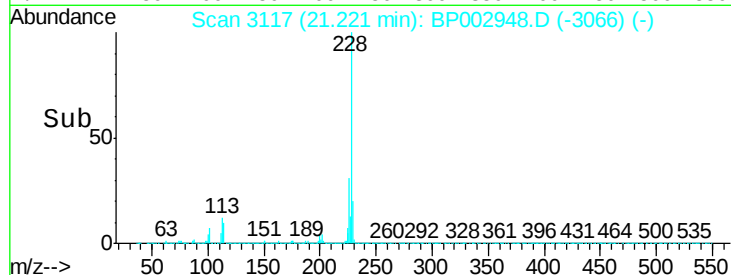
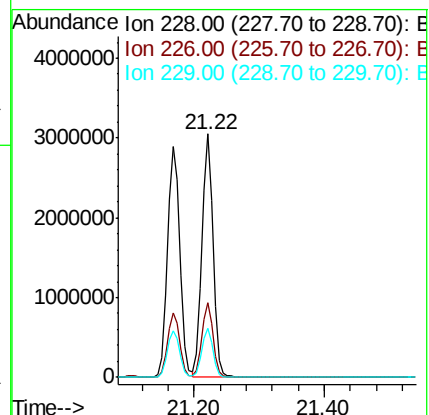
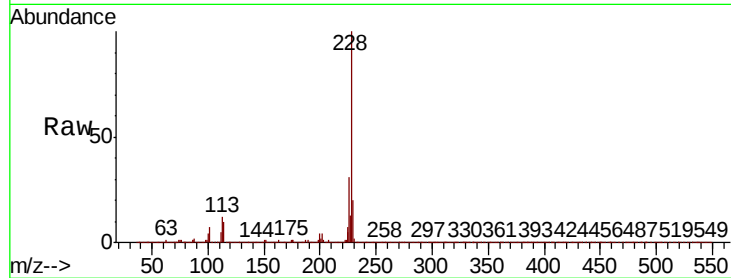
BNA_P

ClientSampleId :

PB130914BS

Tot Ion:228 Resp: 3629774

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	20.2	16.4	24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.728 ng

RT: 21.12 min Scan# 3100

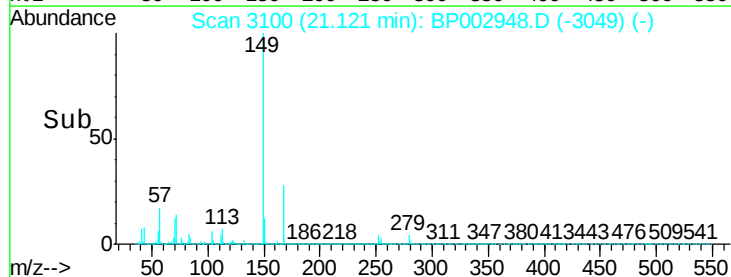
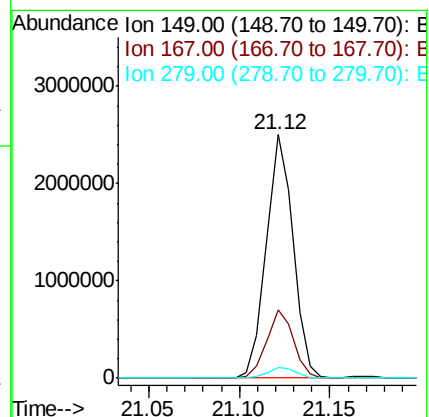
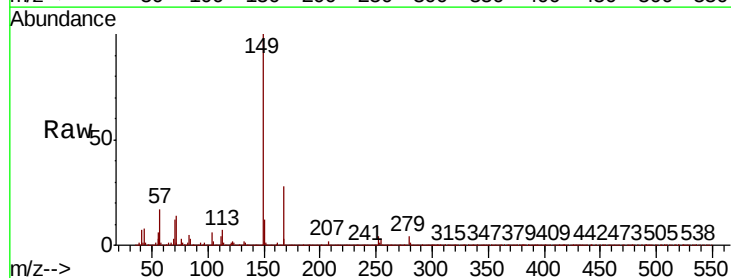
Delta R.T. -0.00 min

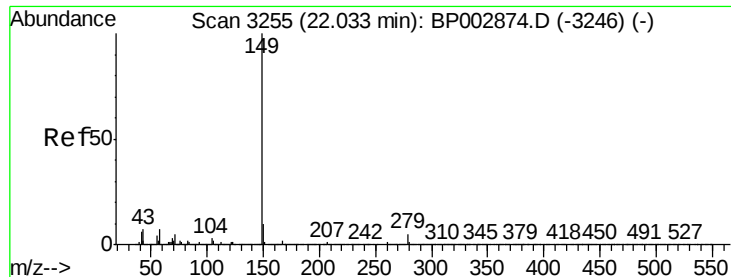
Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Tgt Ion:149 Resp: 2586815

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.6
279	4.2	3.8	5.6

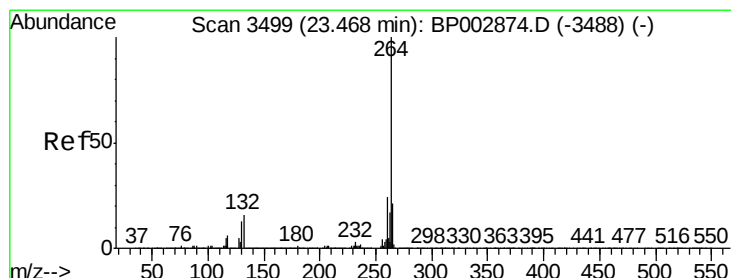
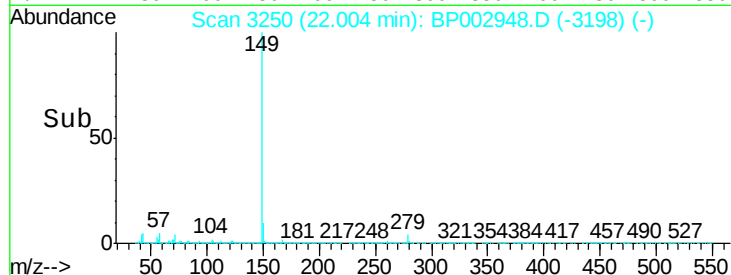
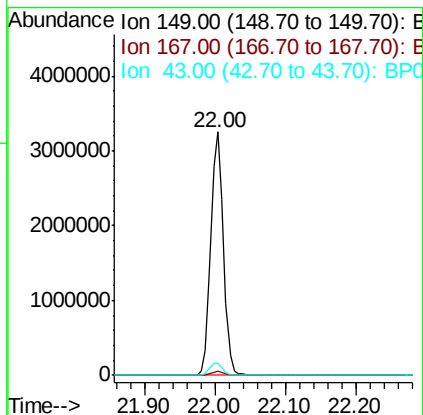
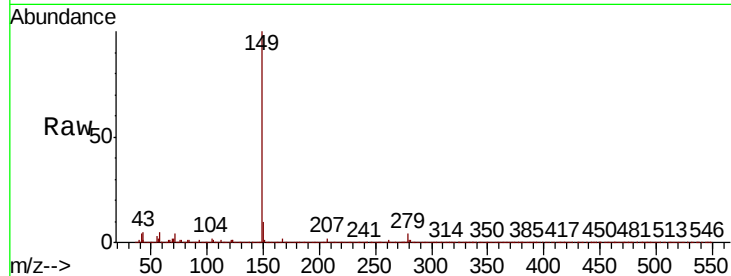




#85
Di-n-octyl phthalate
Concen: 44.403 ng
RT: 22.00 min Scan# 3250
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

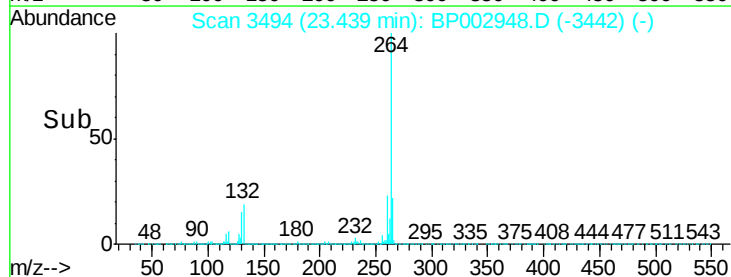
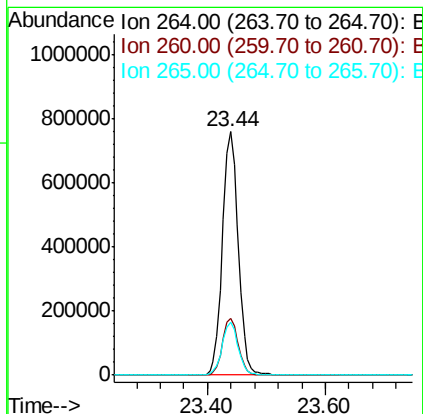
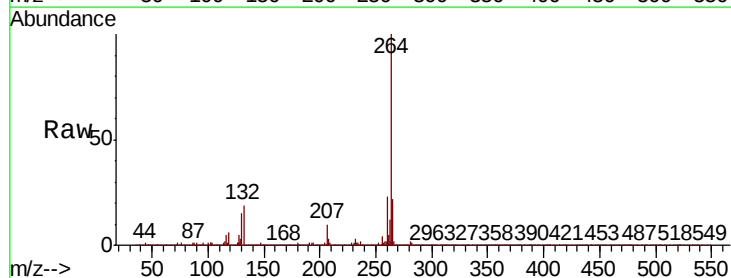
Instrument :
BNA_P
ClientSampleId :
PB130914BS

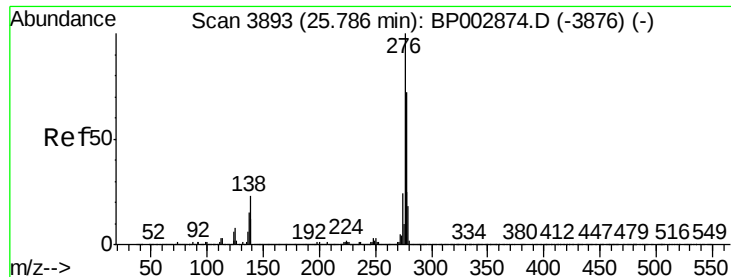
Tot Ion:149 Resp: 4038141
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 5.4 4.4 6.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:264 Resp: 1418782
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.572 ng

RT: 25.74 min Scan# 3886

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

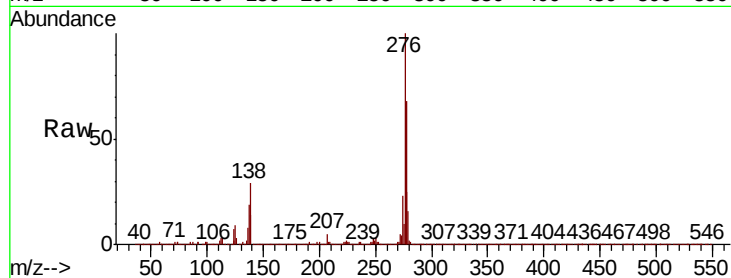
Tot Ion:276 Resp: 5064564

Ion Ratio Lower Upper

276 100

138 29.0 23.4 35.0

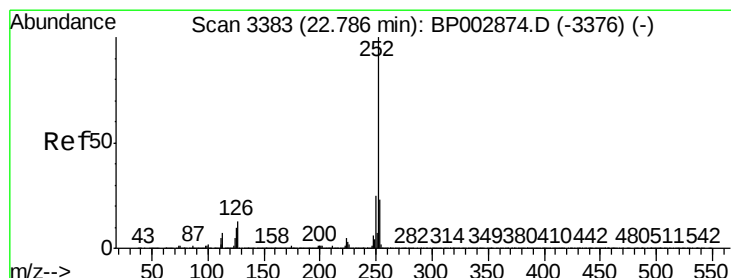
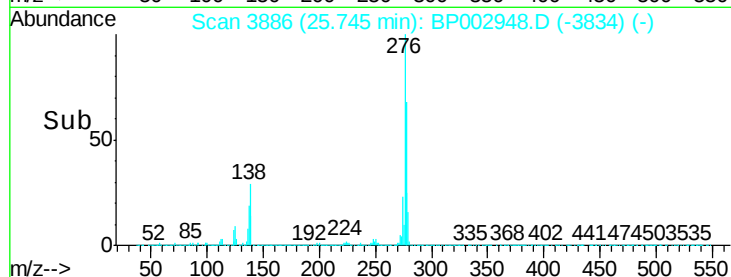
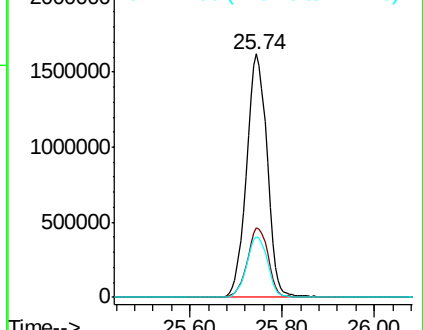
277 25.5 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 39.478 ng

RT: 22.76 min Scan# 3379

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

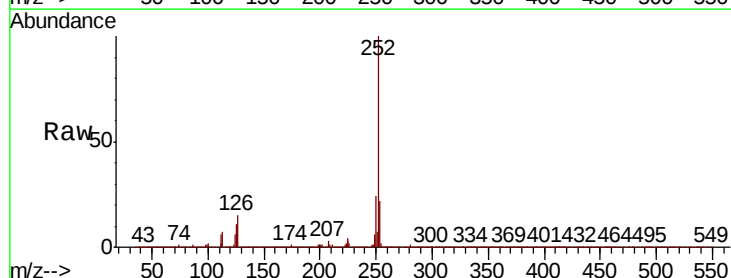
Tgt Ion:252 Resp: 3952518

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

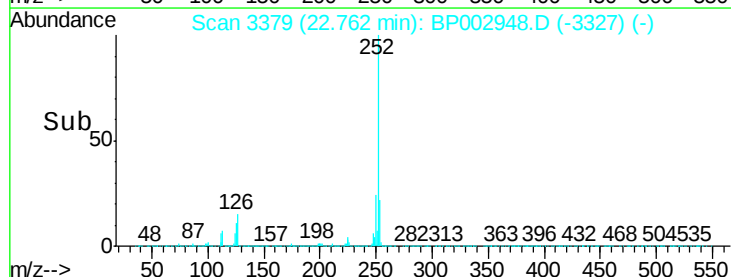
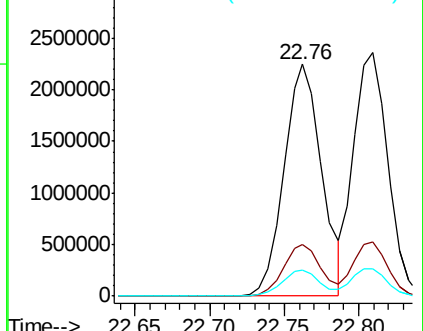
125 11.4 9.3 13.9

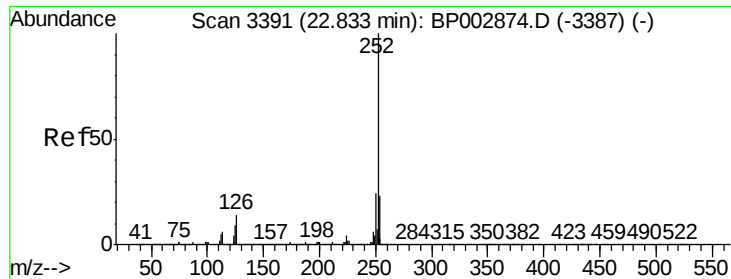


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.053 ng

RT: 22.81 min Scan# 3387

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

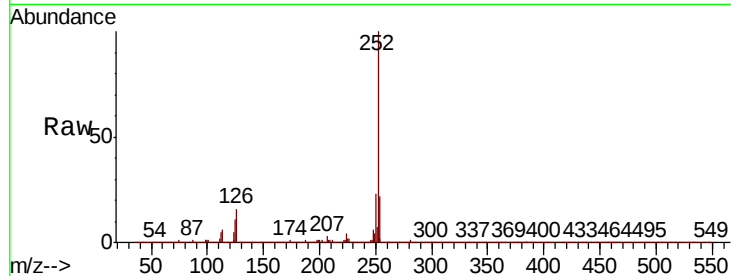
Tot Ion:252 Resp: 3790277

Ion Ratio Lower Upper

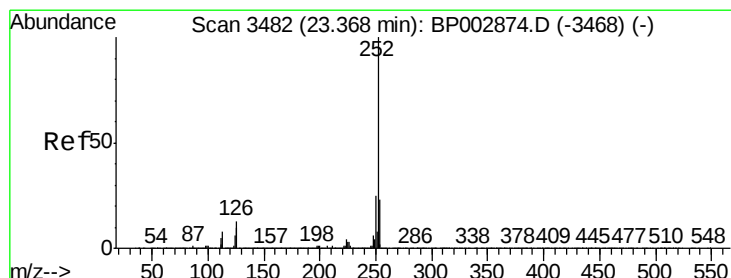
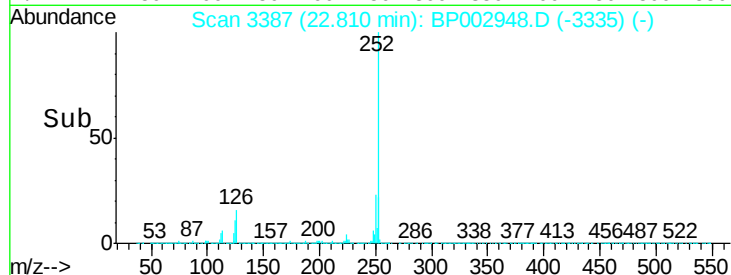
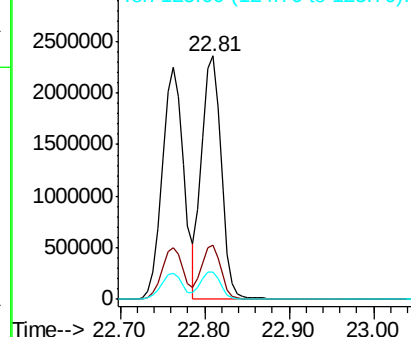
252 100

253 22.3 18.1 27.1

125 11.2 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.105 ng

RT: 23.34 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

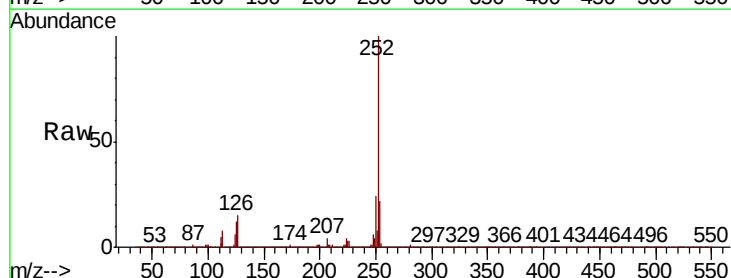
Tgt Ion:252 Resp: 3628162

Ion Ratio Lower Upper

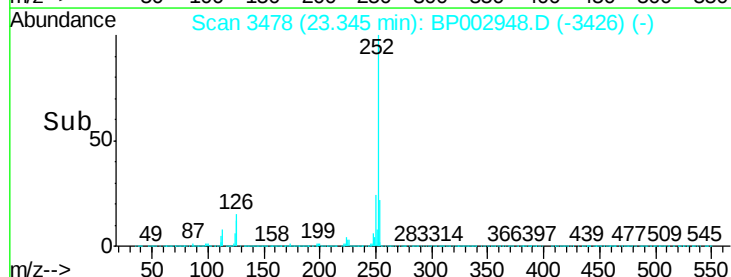
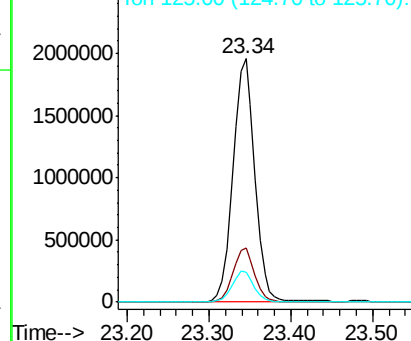
252 100

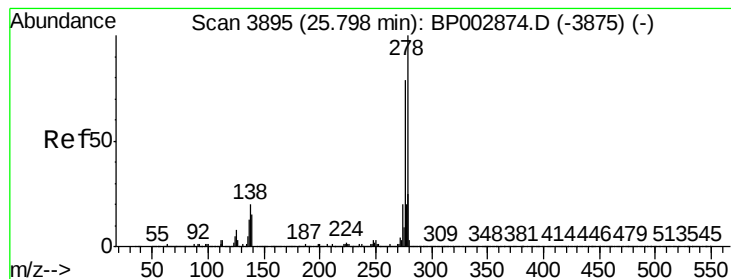
253 22.0 17.8 26.8

125 12.0 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



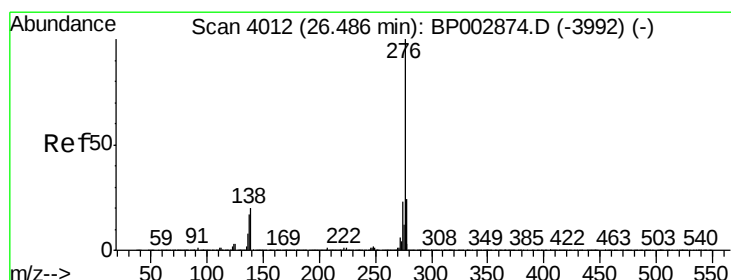
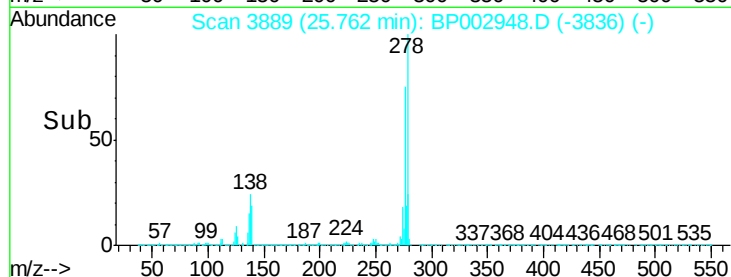
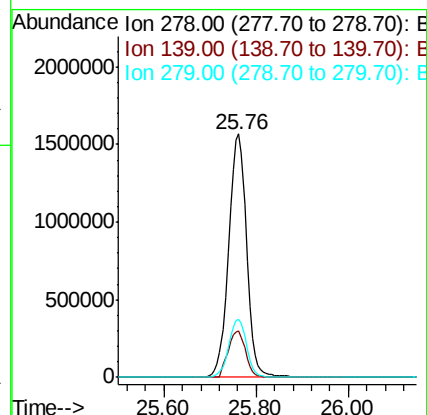
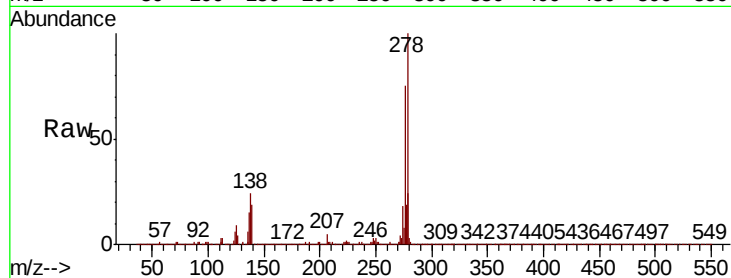


#91
Dibenzo(a,h)anthracene
Concen: 43.730 ng
RT: 25.76 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion:278 Resp: 4228982

Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.3	22.9
279	24.0	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 45.319 ng
RT: 26.44 min Scan# 4005
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:276 Resp: 4238055

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.8	19.9	29.9

