

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003059.D
 Acq On : 20 Aug 2020 11:18
 Operator : CG/JU
 Sample : PB131060BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

Quant Time: Aug 20 11:58:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	377673	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1502868	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	783940	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1792795	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1422305	20.00	ng	0.00
86) Perylene-d12	23.41	264	1367082	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2171139	87.98	ng	0.00
7) Phenol-d6	6.87	99	2522296	73.62	ng	0.00
23) Nitrobenzene-d5	8.83	82	1464437	52.78	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	993238	101.94	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3639684	63.43	ng	-0.01
79) Terphenyl-d14	19.65	244	4841432	68.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	228276	21.550	ng	99
3) Pyridine	3.62	79	594046	20.129	ng	99
4) n-Nitrosodimethylamine	3.53	42	226049	26.075	ng	98
6) Aniline	7.01	93	1199184	30.170	ng	100
8) 2-Chlorophenol	7.25	128	993244	37.751	ng	99
9) Benzaldehyde	6.82	77	470315	25.783	ng	99
10) Phenol	6.89	94	1038994	30.112	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	785455	29.596	ng	99
12) 1,3-Dichlorobenzene	7.58	146	1070108	36.035	ng	99
13) 1,4-Dichlorobenzene	7.72	146	1093085	36.416	ng	100
14) 1,2-Dichlorobenzene	8.03	146	1034233	36.130	ng	99
15) Benzyl Alcohol	7.92	79	661725	29.273	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	641406	25.725	ng	99
17) 2-Methylphenol	8.13	107	759763	34.458	ng	99
18) Hexachloroethane	8.76	117	362075	34.583	ng	96
19) n-Nitroso-di-n-propylamine	8.49	70	491323	24.889	ng	98
20) 3+4-Methylphenols	8.46	107	1016418	34.205	ng	99
22) Acetophenone	8.50	105	1241912	29.289	ng	# 98
24) Nitrobenzene	8.87	77	791781	26.284	ng	97
25) Isophorone	9.40	82	1549501	25.993	ng	100
26) 2-Nitrophenol	9.58	139	531881	42.837	ng	98
27) 2,4-Dimethylphenol	9.65	122	860971	36.268	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	1011018	30.400	ng	99
29) 2,4-Dichlorophenol	10.12	162	934897	37.419	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	983897	33.688	ng	99
31) Naphthalene	10.51	128	2901549	33.727	ng	100
32) Benzoic acid	9.82	122	525637	39.307	ng	98
33) 4-Chloroaniline	10.62	127	1143072	32.061	ng	99
34) Hexachlorobutadiene	10.81	225	570994	31.947	ng	98
35) Caprolactam	11.39	113	189142	24.467	ng	94
36) 4-Chloro-3-methylphenol	11.76	107	794876	30.606	ng	98
37) 2-Methylnaphthalene	12.13	142	1886345	30.825	ng	99
38) 1-Methylnaphthalene	12.35	142	1765918	30.655	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	888930	31.539	ng	99

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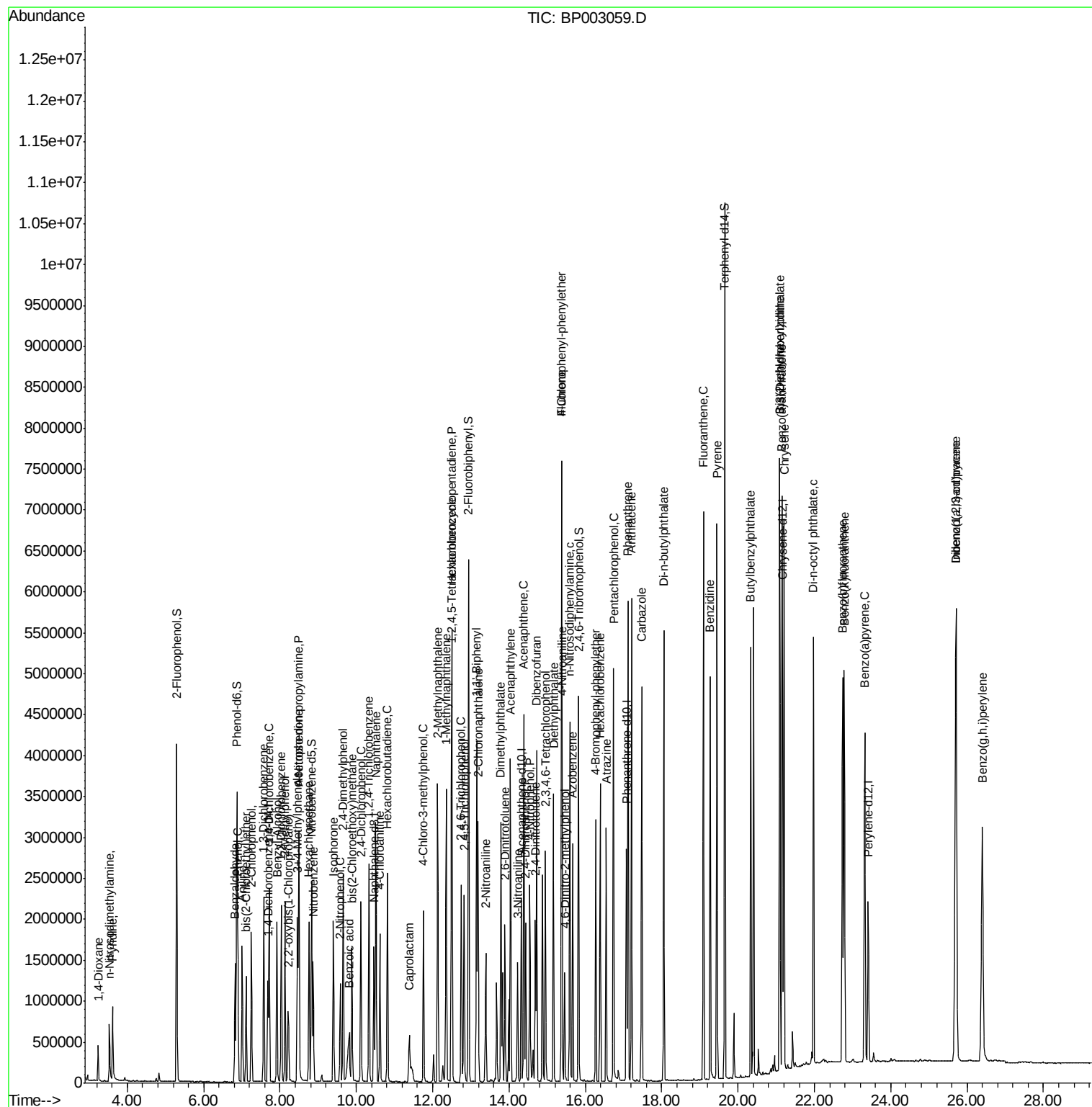
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1157044	79.132	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	628366	38.466	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	681003	38.001	ng	98
46) 1,1'-Biphenyl	13.15	154	2350727	36.273	ng	99
47) 2-Chloronaphthalene	13.19	162	1780094	35.077	ng	100
48) 2-Nitroaniline	13.39	65	383219	31.741	ng	97
49) Acenaphthylene	14.04	152	2928166	36.792	ng	100
50) Dimethylphthalate	13.79	163	2270557	37.031	ng	100
51) 2,6-Dinitrotoluene	13.89	165	512678	37.752	ng	97
52) Acenaphthene	14.39	154	1685722	32.954	ng	99
53) 3-Nitroaniline	14.22	138	483992	34.348	ng	99
54) 2,4-Dinitrophenol	14.43	184	514473	87.514	ng	98
55) Dibenzofuran	14.72	168	2678612	34.138	ng	100
56) 4-Nitrophenol	14.55	139	896868	82.489	ng	96
57) 2,4-Dinitrotoluene	14.69	165	698646	39.120	ng	97
58) Fluorene	15.37	166	2007408	32.677	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	592353	39.616	ng	100
60) Diethylphthalate	15.16	149	2265219	37.808	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1011989	32.007	ng	98
62) 4-Nitroaniline	15.39	138	539445	38.422	ng	94
63) Azobenzene	15.67	77	1580472	26.203	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	359640	39.866	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1893915	31.897	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	680846	31.216	ng	99
68) Hexachlorobenzene	16.39	284	792232	31.403	ng	99
69) Atrazine	16.55	200	661533	32.886	ng	99
70) Pentachlorophenol	16.73	266	1039892	79.489	ng	99
71) Phenanthrene	17.12	178	3710976	35.299	ng	99
72) Anthracene	17.21	178	3792327	36.908	ng	99
73) Carbazole	17.47	167	3436334	34.246	ng	100
74) Di-n-butylphthalate	18.05	149	4154839	39.361	ng	100
75) Fluoranthene	19.09	202	4166750	34.401	ng	99
77) Benzidine	19.27	184	2913207	67.169	ng	99
78) Pyrene	19.45	202	4156480	41.803	ng	99
80) Butylbenzylphthalate	20.33	149	1777198	44.256	ng	99
81) Benzo(a)anthracene	21.15	228	3583119	36.985	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1289988	33.641	ng	100
83) Chrysene	21.20	228	3372526	36.903	ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2460337	44.711	ng	99
85) Di-n-octyl phthalate	21.97	149	4126906	45.653	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4151108	37.915	ng	98
88) Benzo(b)fluoranthene	22.74	252	3443692	35.696	ng	97
89) Benzo(k)fluoranthene	22.78	252	3437532	37.699	ng	98
90) Benzo(a)pyrene	23.32	252	3166522	36.326	ng	98
91) Dibenzo(a,h)anthracene	25.72	278	3446411	36.985	ng	98
92) Benzo(g,h,i)perylene	26.40	276	3625955	40.240	ng	98

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

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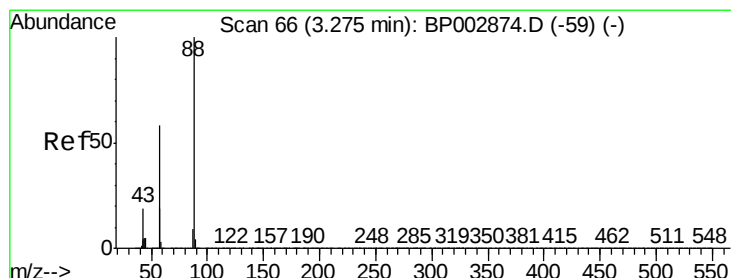
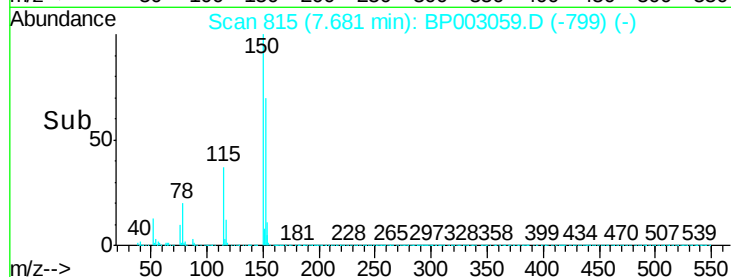
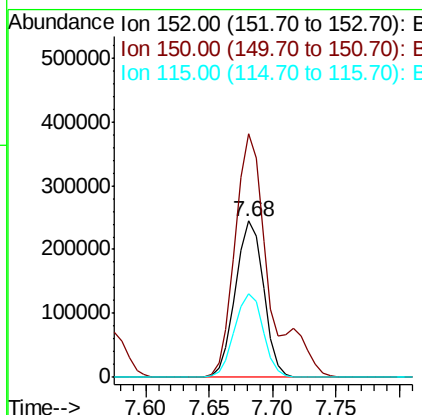
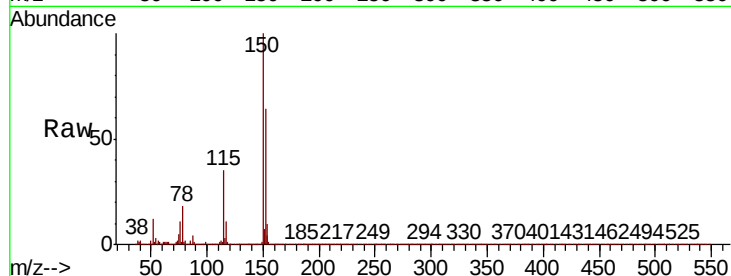


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Instrument :
BNA_P
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PB131060BS

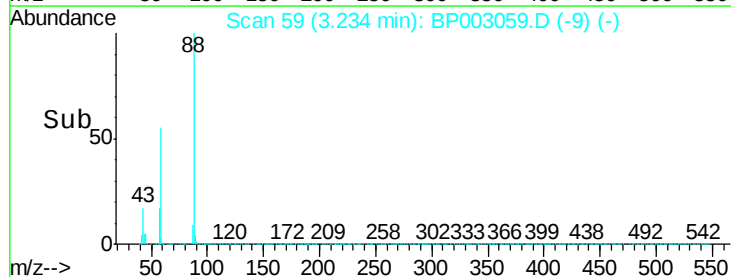
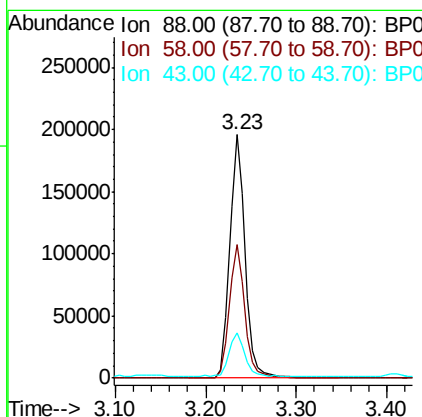
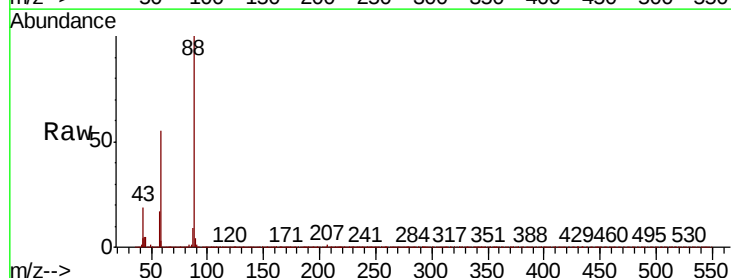
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.1	189.1
115	53.8	43.4	65.2

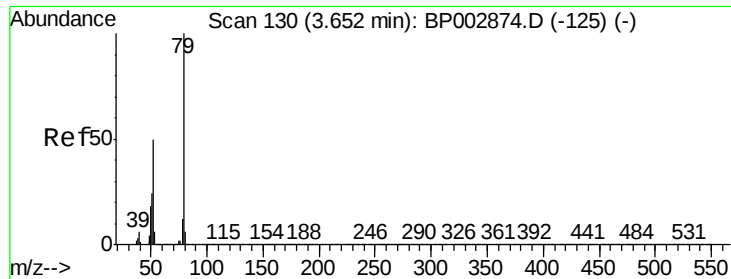


#2

1,4-Dioxane
Concen: 21.550 ng
RT: 3.23 min Scan# 59
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.9	44.5	66.7
43	18.0	14.5	21.7





#3

Pvridine

Concen: 20.129 ng

RT: 3.62 min Scan# 124

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

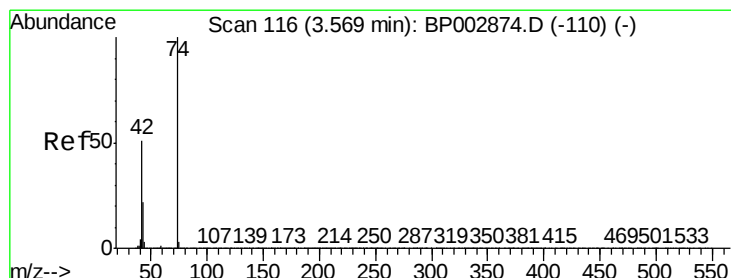
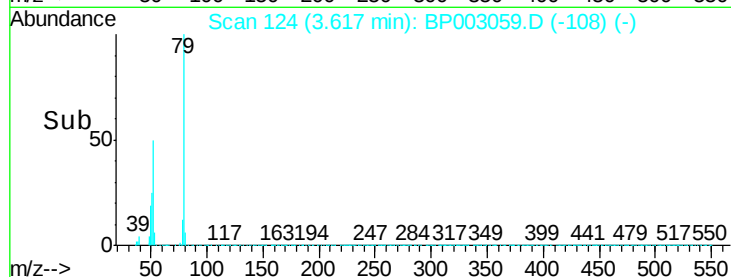
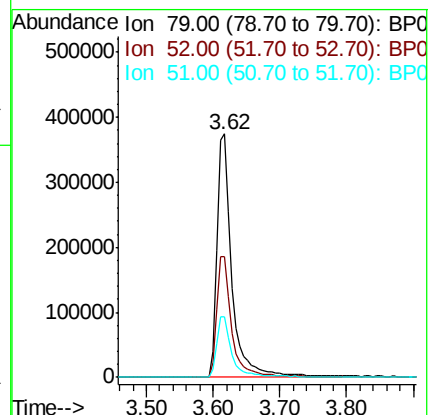
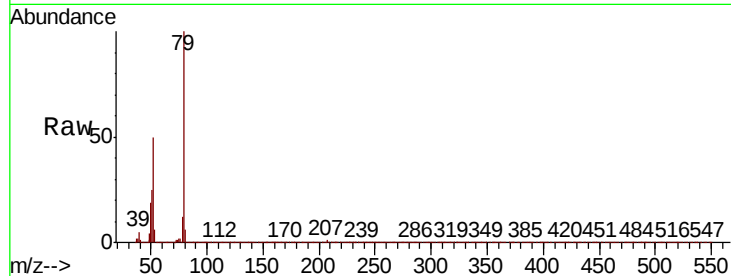
Tot Ion: 79 Resp: 594046

Ion Ratio Lower Upper

79 100

52 49.6 40.5 60.7

51 25.1 19.9 29.9



#4

n-Nitrosodimethylamine

Concen: 26.075 ng

RT: 3.53 min Scan# 109

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

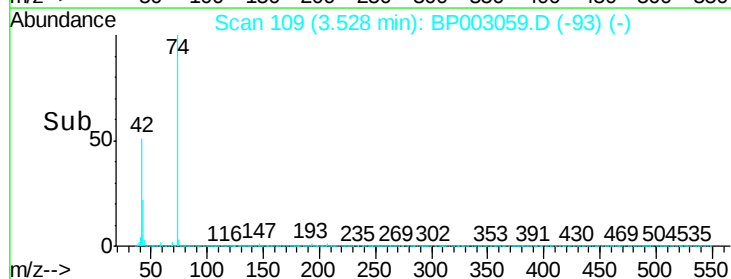
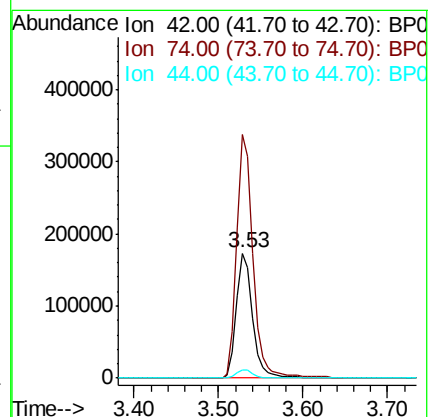
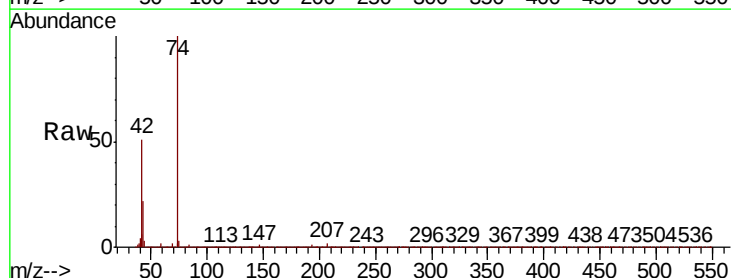
Tgt Ion: 42 Resp: 226049

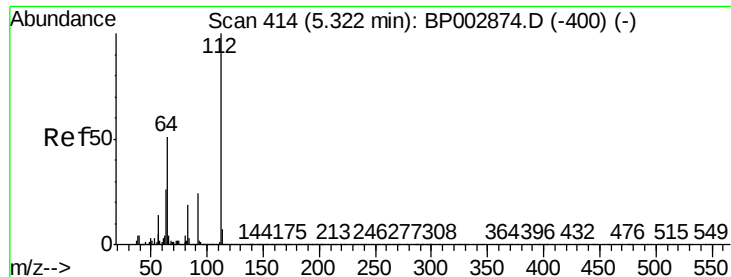
Ion Ratio Lower Upper

42 100

74 194.7 158.6 238.0

44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 87.984 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

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BNA_P

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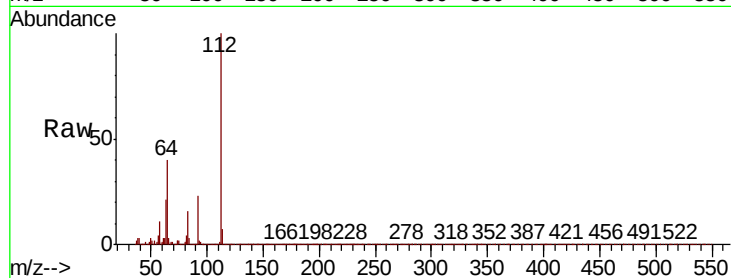
Tot Ion:112 Resp: 2171139

Ion	Ratio	Lower	Upper
112	100		
64	40.1	33.4	50.2
63	21.0	17.4	26.0

112 100

64 40.1 33.4 50.2

63 21.0 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

2000000 Ion 64.00 (63.70 to 64.70): BP

Ion 63.00 (62.70 to 63.70): BP

1500000

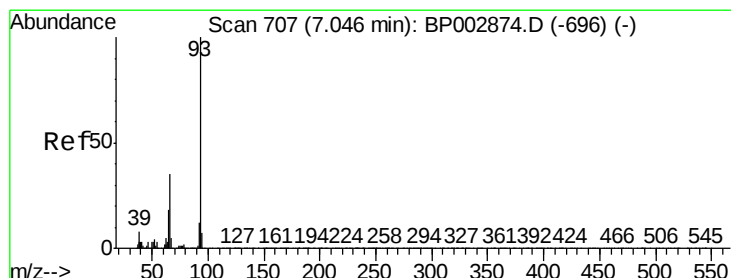
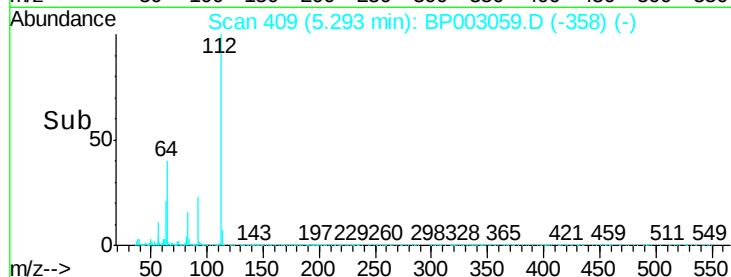
1000000

500000

0

5.20 5.30 5.40

Time-->



#6

Aniline

Concen: 30.170 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

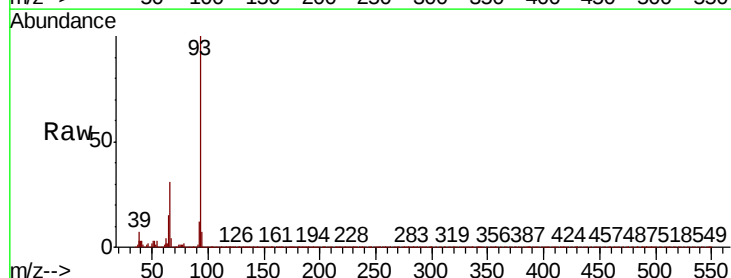
Tgt Ion: 93 Resp: 1199184

Ion	Ratio	Lower	Upper
93	100		
66	31.2	24.8	37.2
65	15.2	12.2	18.4

93 100

66 31.2 24.8 37.2

65 15.2 12.2 18.4



Abundance Ion 93.00 (92.70 to 93.70): BP

1000000 Ion 66.00 (65.70 to 66.70): BP

Ion 65.00 (64.70 to 65.70): BP

800000

600000

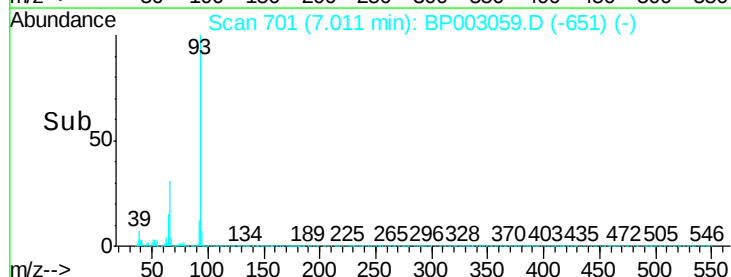
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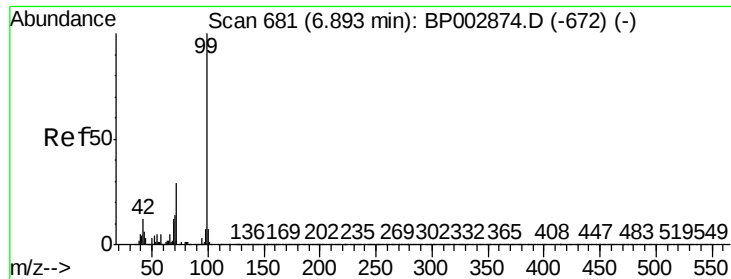
200000

0

6.90 6.95 7.00 7.05 7.10

Time-->





#7

Phenol-d6

Concen: 73.622 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.00 min

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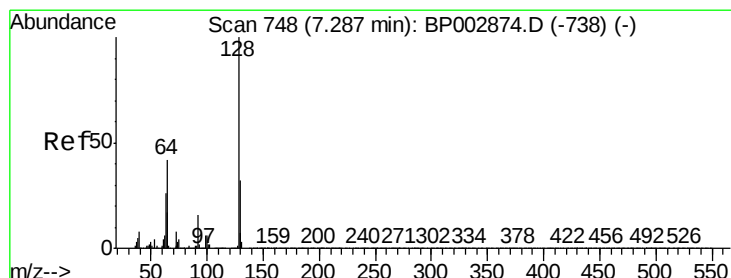
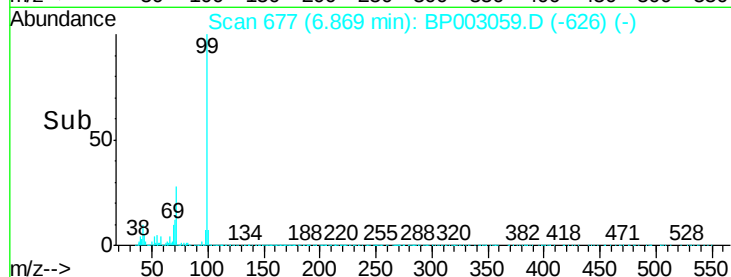
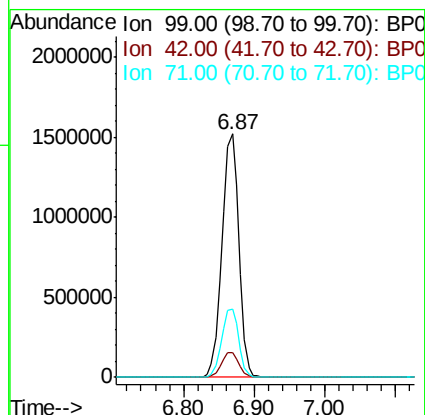
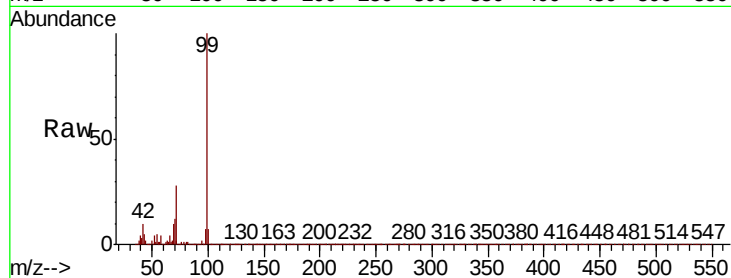
Tot Ion: 99 Resp: 2522296

Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.0	12.0
71	28.2	21.3	31.9

99 100

42 10.1 8.0 12.0

71 28.2 21.3 31.9



#8

2-Chlorophenol

Concen: 37.751 ng

RT: 7.25 min Scan# 742

Delta R.T. -0.01 min

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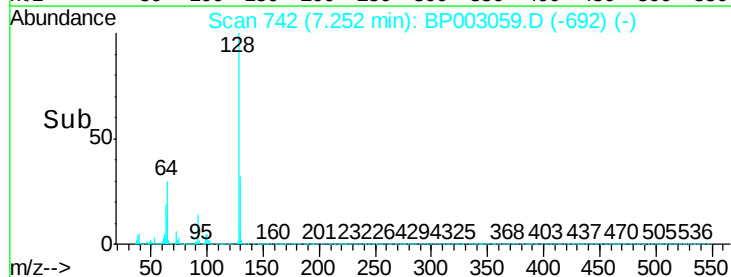
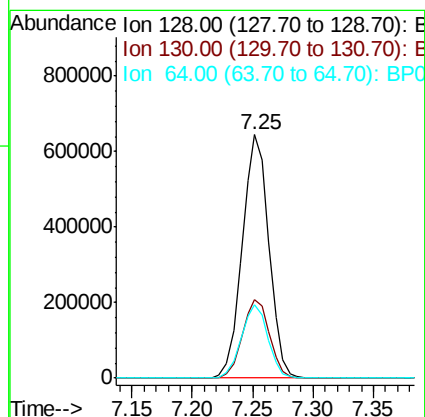
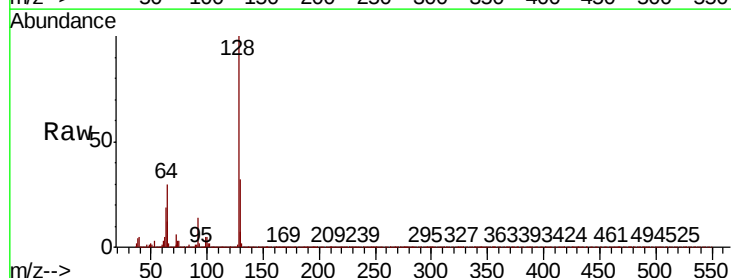
Tgt Ion: 128 Resp: 993244

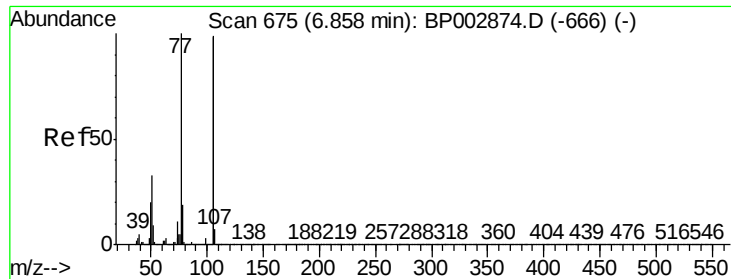
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	30.4	10.7	50.7

128 100

130 32.4 12.9 52.9

64 30.4 10.7 50.7





#9

Benzaldehyde

Concen: 25.783 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

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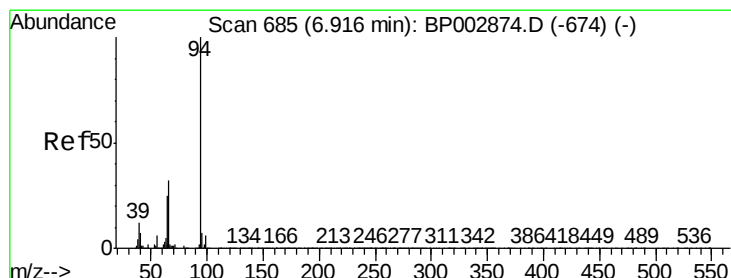
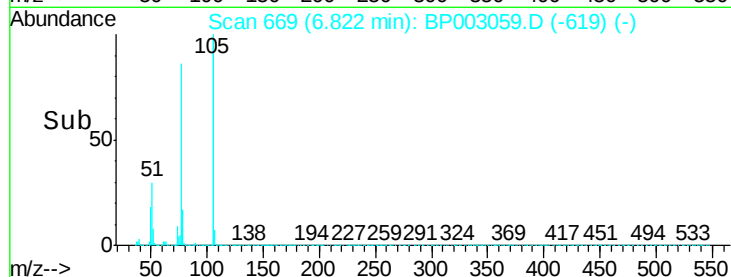
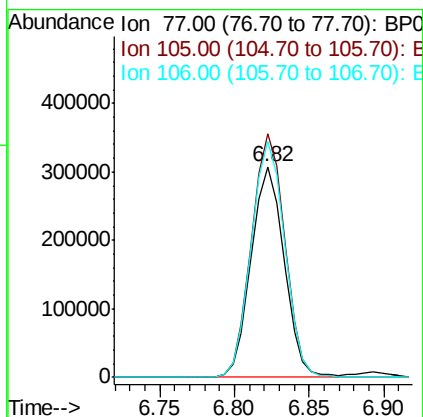
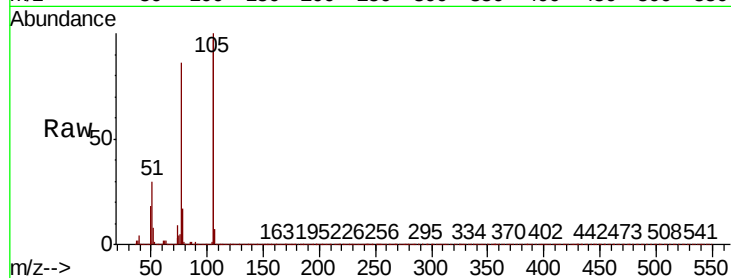
Tot Ion: 77 Resp: 470315

Ion Ratio Lower Upper

77 100

105 115.7 97.5 137.5

106 112.0 93.1 133.1



#10

Phenol

Concen: 30.112 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP003059.D

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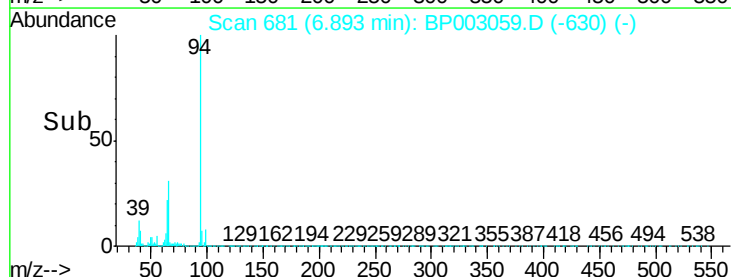
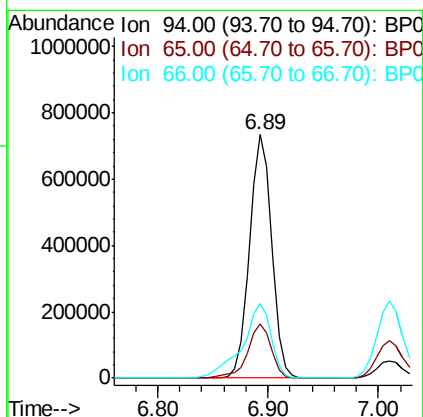
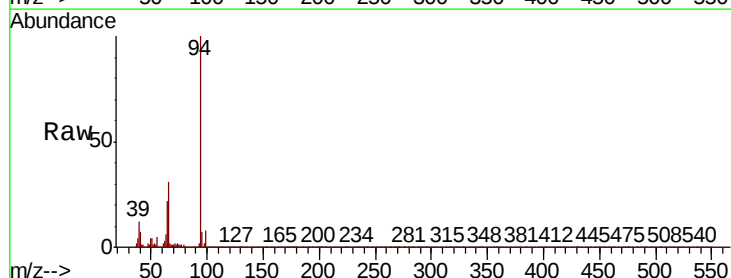
Tgt Ion: 94 Resp: 1038994

Ion Ratio Lower Upper

94 100

65 22.1 1.7 41.7

66 30.7 8.6 48.6

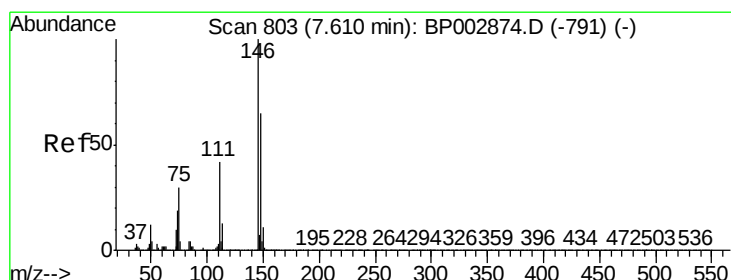
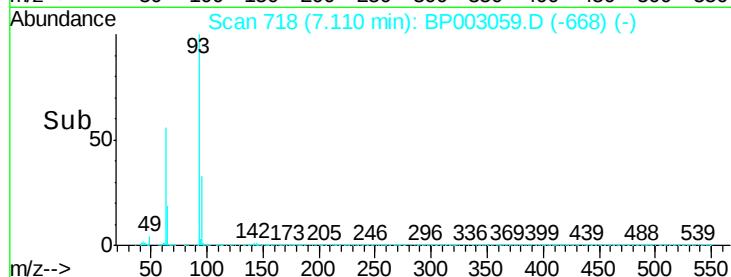
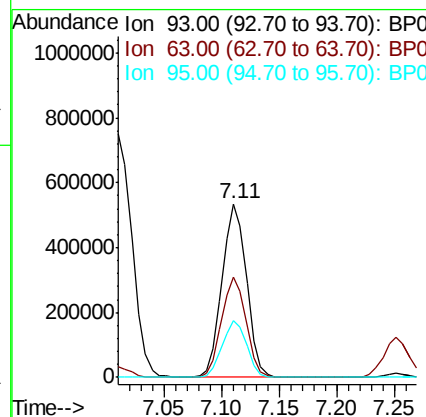
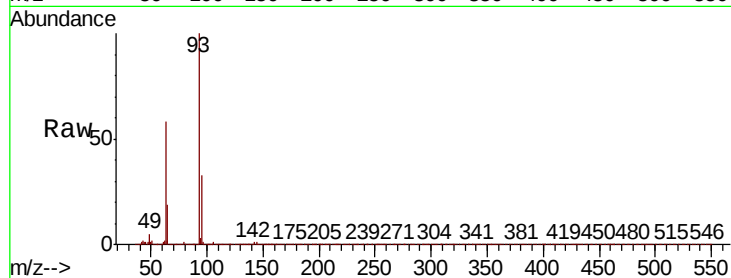




#11
bis(2-Chloroethyl)ether
Concen: 29.596 ng
RT: 7.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

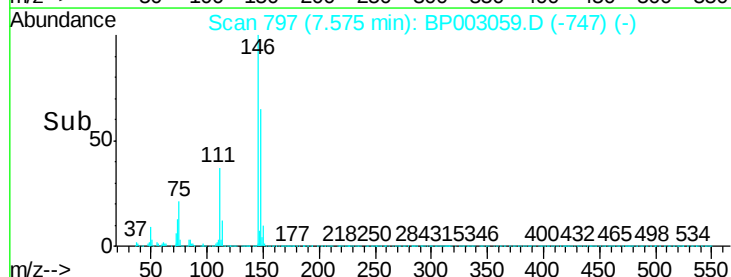
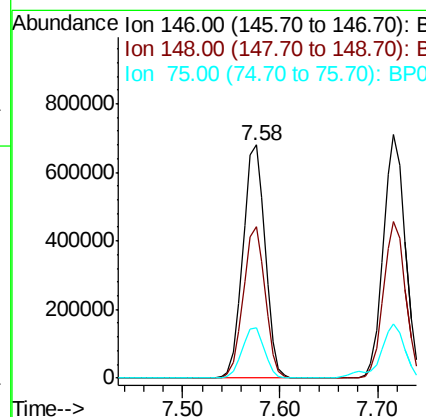
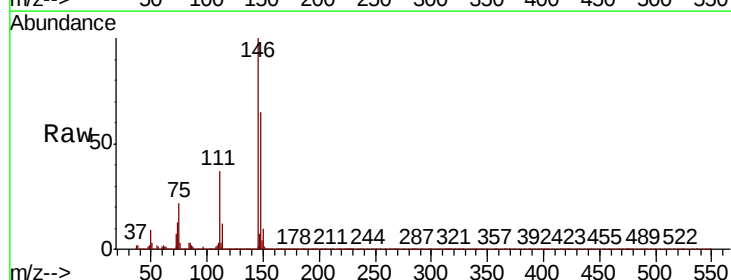
Instrument :
BNA_P
ClientSampleId :
PB131060BS

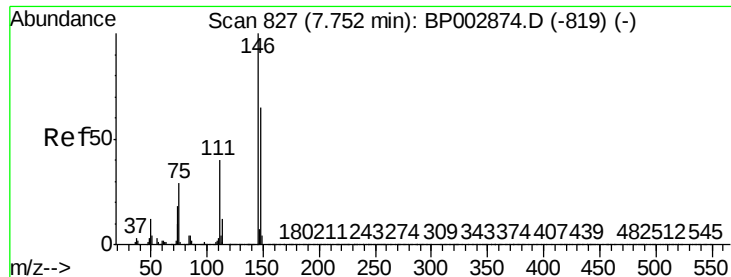
Tot Ion	Ratio	Lower	Upper
93	100		
63	57.6	38.4	78.4
95	32.7	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 36.035 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
75	21.6	17.4	26.0

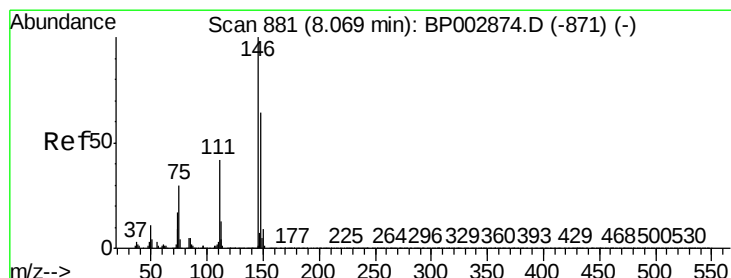
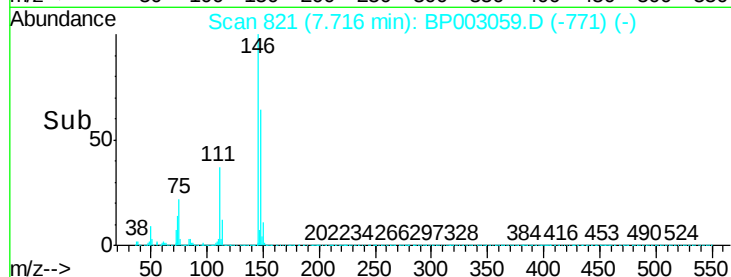
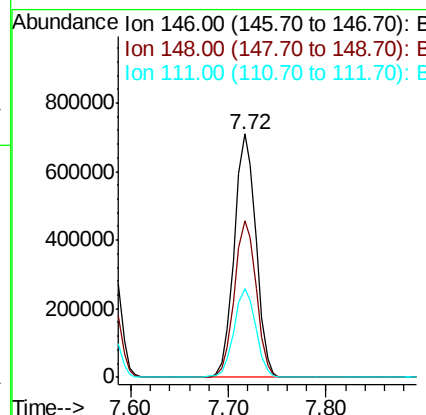
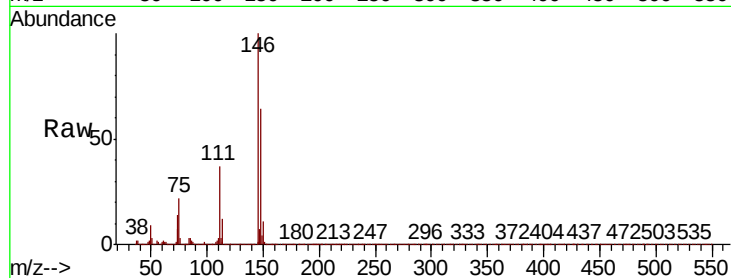




#13
1,4-Dichlorobenzene
Concen: 36.416 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

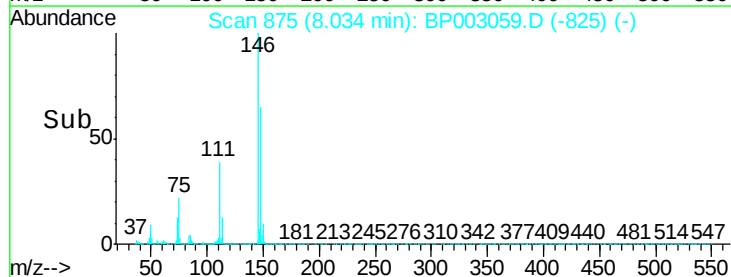
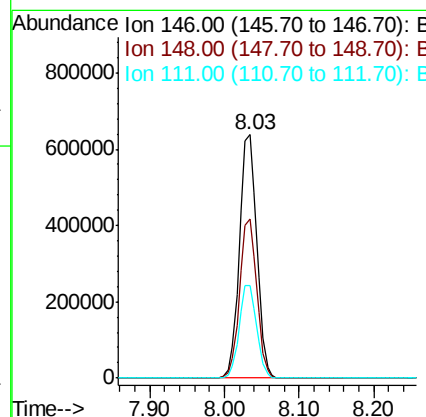
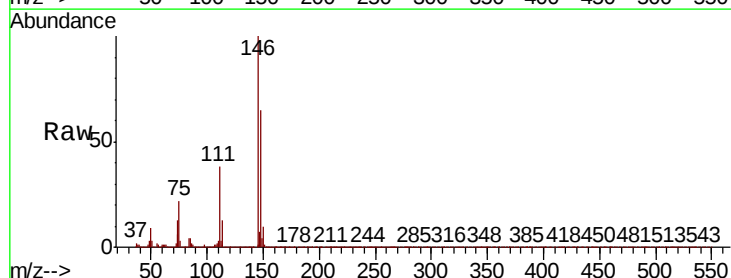
Instrument :
BNA_P
ClientSampleId :
PB131060BS

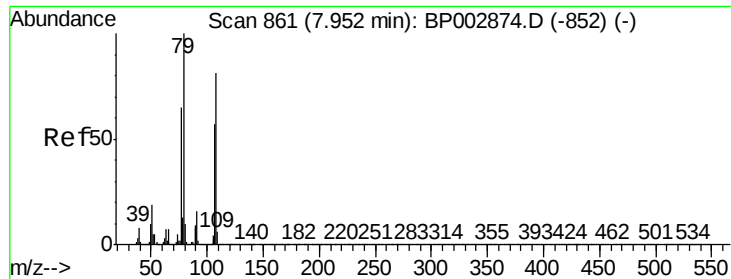
Tot Ion:146 Resp: 1093085
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 36.6 29.0 43.4



#14
1,2-Dichlorobenzene
Concen: 36.130 ng
RT: 8.03 min Scan# 875
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:146 Resp: 1034233
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
111 38.2 30.5 45.7





#15

Benzyl Alcohol

Concen: 29.273 ng

RT: 7.92 min Scan# 856

Delta R.T. -0.00 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

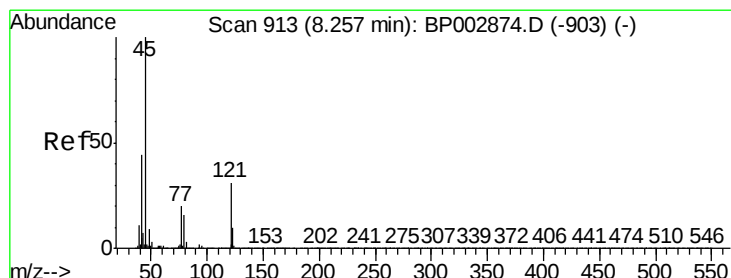
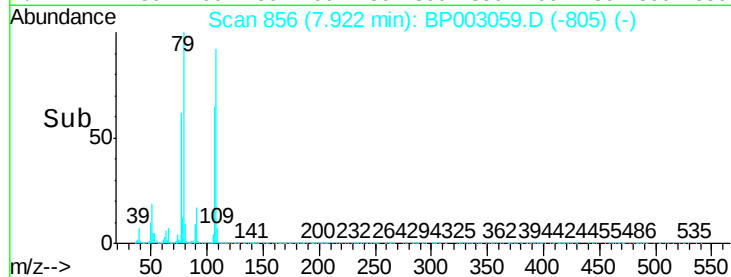
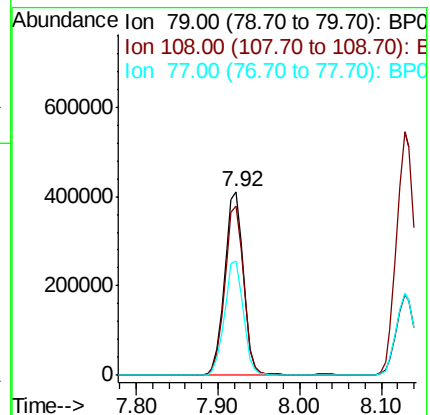
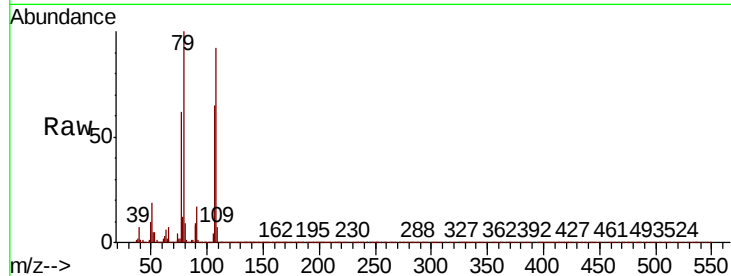
Tot Ion: 79 Resp: 661725

Ion Ratio Lower Upper

79 100

108 92.4 75.7 113.5

77 62.3 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.725 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

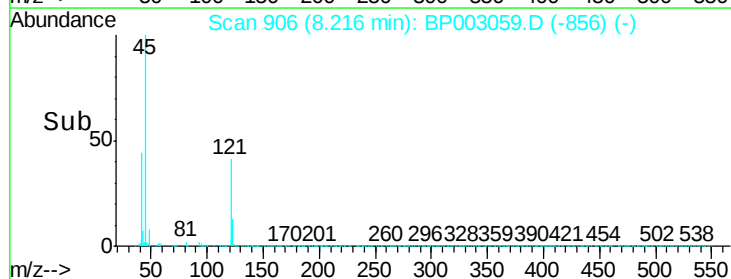
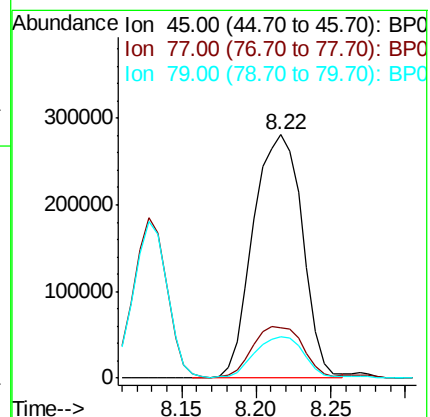
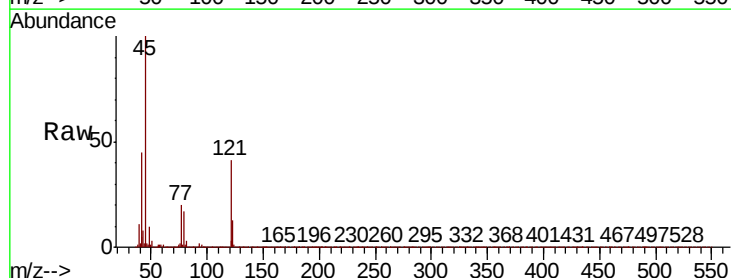
Tgt Ion: 45 Resp: 641406

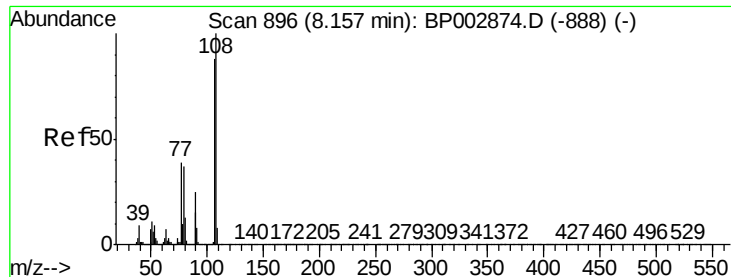
Ion Ratio Lower Upper

45 100

77 20.4 1.2 41.2

79 17.1 0.0 37.0





#17

2-Methylphenol

Concen: 34.458 ng

RT: 8.13 min Scan# 891

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

Tot Ion:107 Resp: 759763

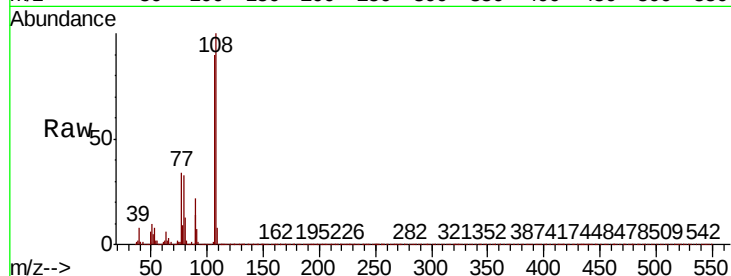
Ion Ratio Lower Upper

107 100

108 111.4 90.0 135.0

77 37.8 29.3 43.9

79 37.0 29.3 43.9

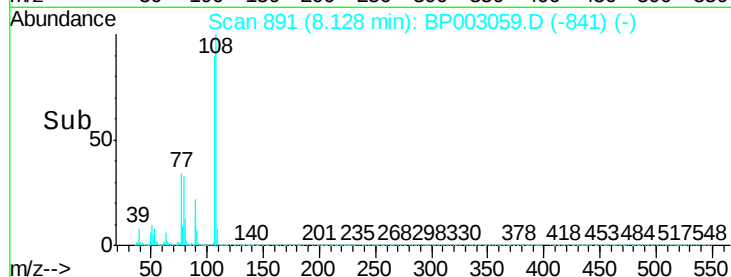


Abundance Ion 107.00 (106.70 to 107.70): E

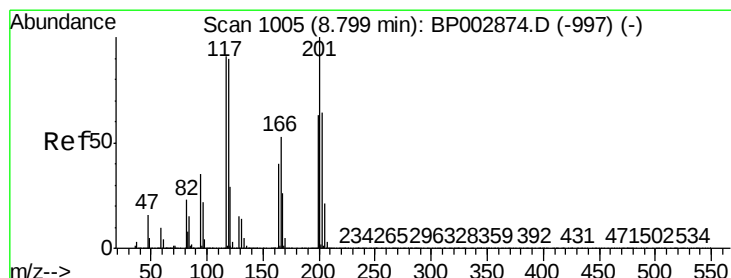
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



Time-->



#18

Hexachloroethane

Concen: 34.583 ng

RT: 8.76 min Scan# 998

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

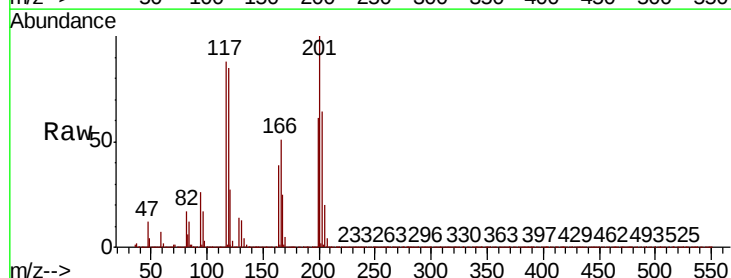
Tgt Ion:117 Resp: 362075

Ion Ratio Lower Upper

117 100

119 96.4 77.1 115.7

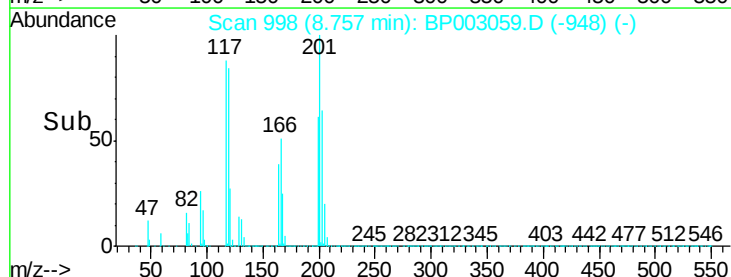
201 114.0 84.3 126.5



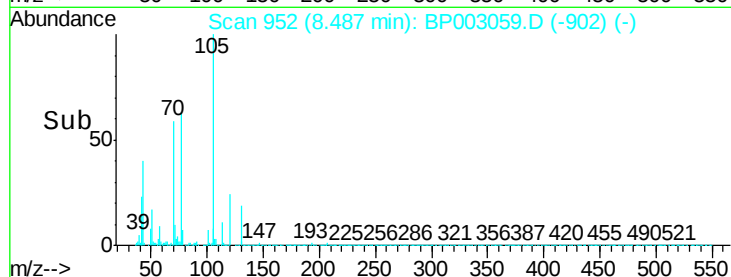
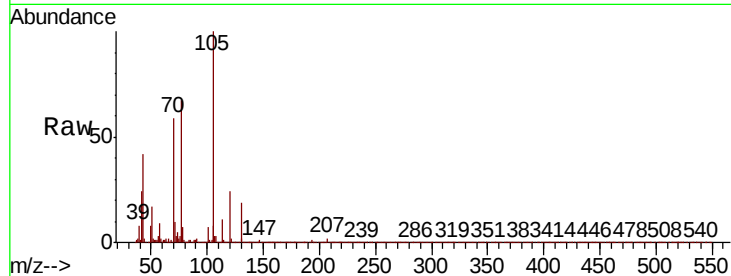
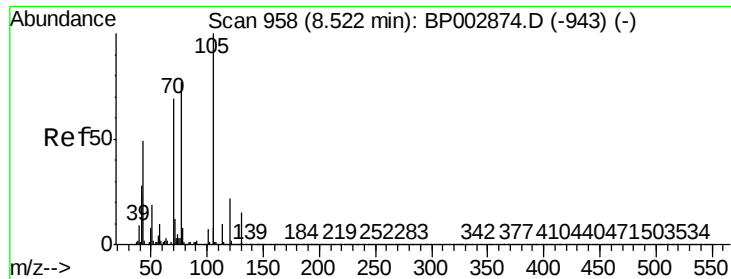
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



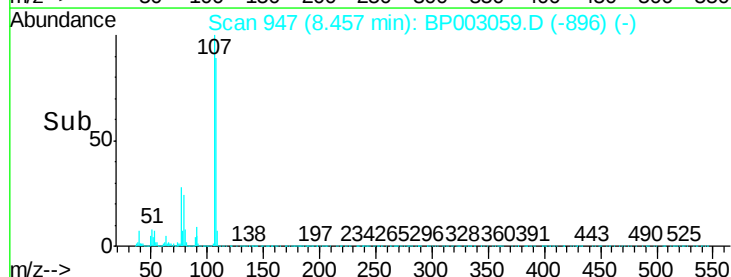
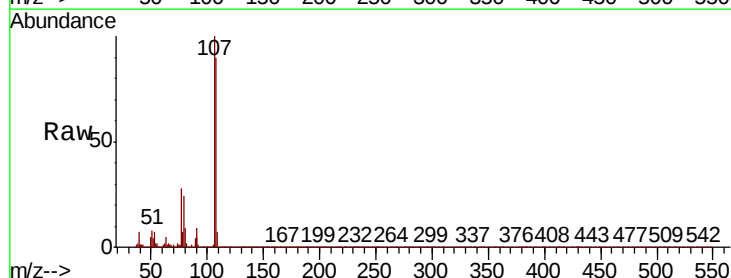
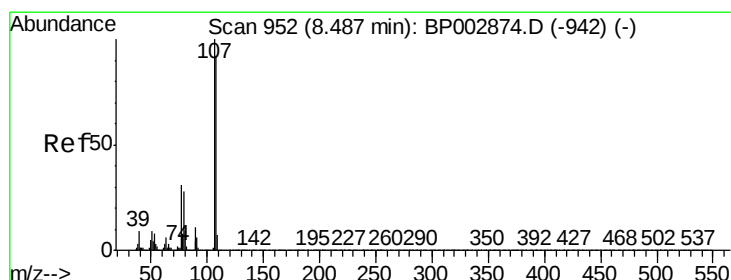
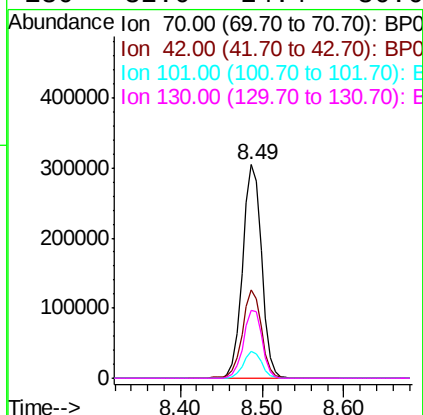
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 24.889 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

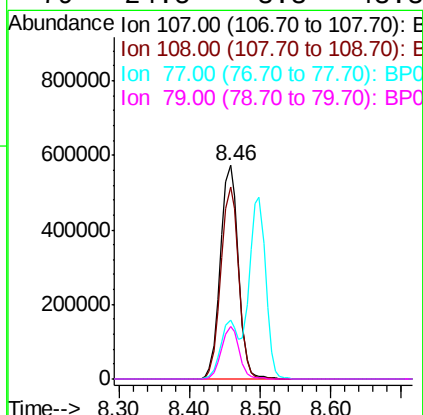
Instrument :
BNA_P
ClientSampleId :
PB131060BS

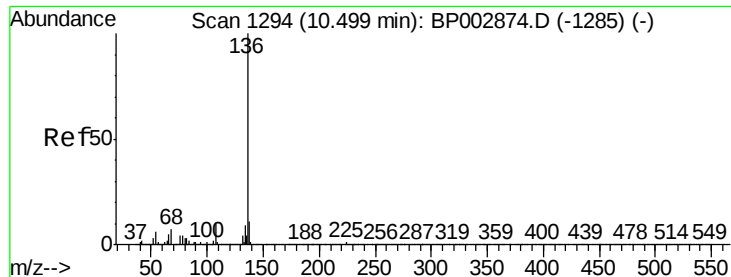
Tot Ion:	70	Resp:	491323
Ion	Ratio	Lower	Upper
70	100		
42	41.1	31.8	47.8
101	12.6	9.8	14.8
130	32.0	24.4	36.6



#20
3+4-Methylphenols
Concen: 34.205 ng
RT: 8.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:	107	Resp:	1016418
Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.1	109.1
77	27.9	7.2	47.2
79	24.5	3.3	43.3

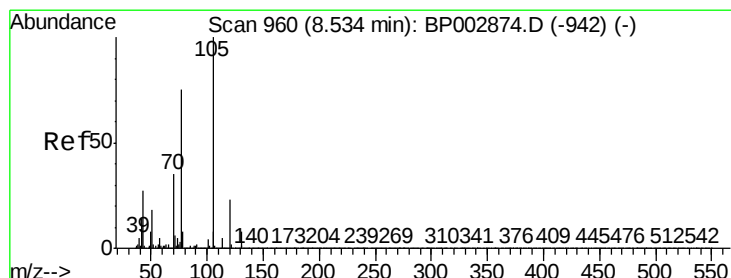
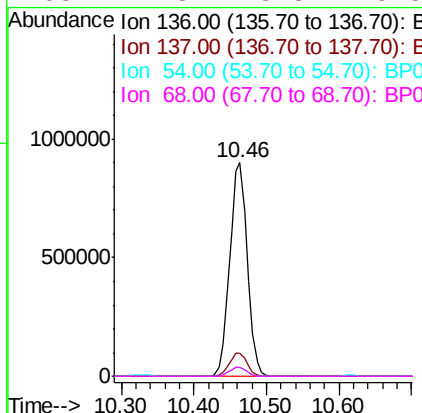
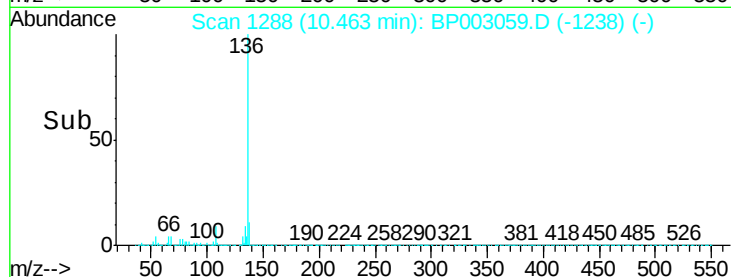
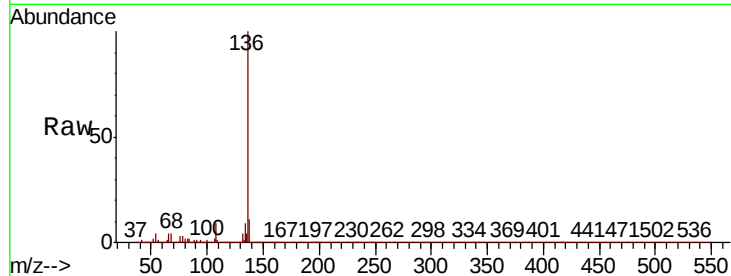




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

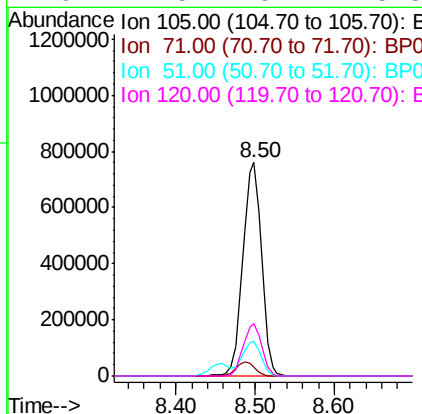
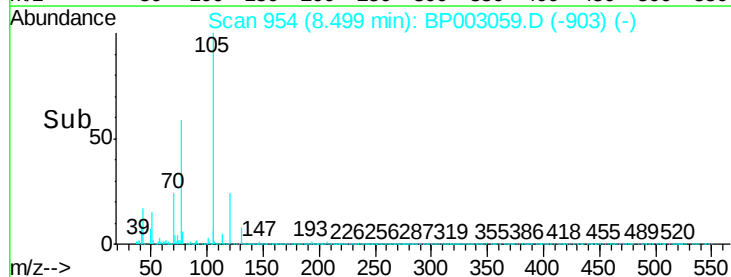
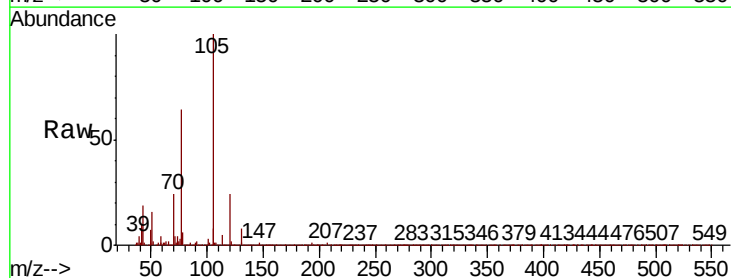
Instrument :
BNA_P
ClientSampleId :
PB131060BS

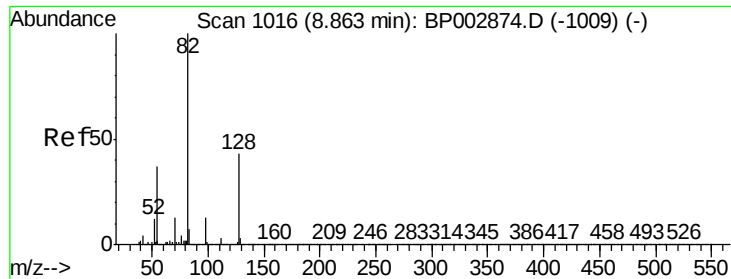
Tot Ion:136	Resp: 1502868
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 4.4	3.8 5.8
68 4.3	3.8 5.8



#22
Acetophenone
Concen: 29.289 ng
RT: 8.50 min Scan# 954
Delta R.T. -0.00 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt	Ion:105	Resp:	1241912
Ion	Ratio	Lower	Upper
105	100		
71	4.1	5.4	8.0#
51	16.1	13.5	20.3
120	24.5	19.2	28.8

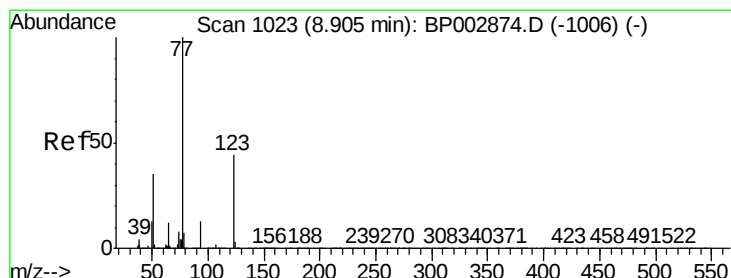
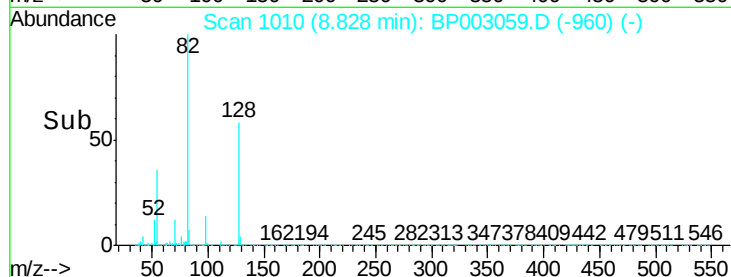
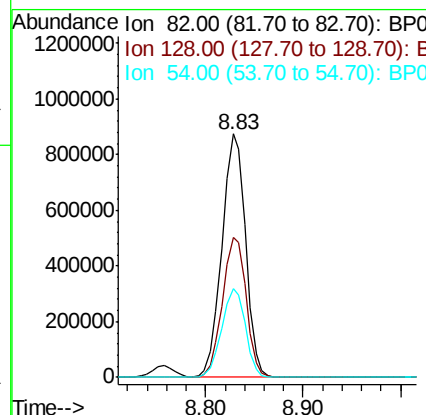
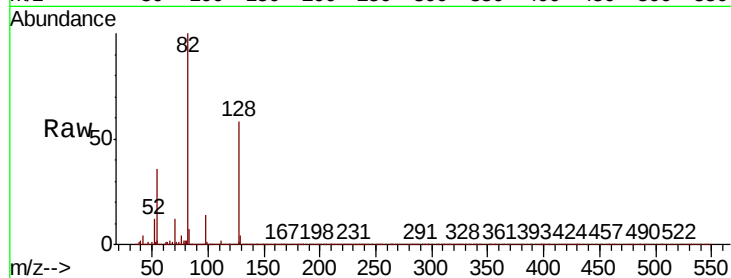




#23
 Nitrobenzene-d5
 Concen: 52.777 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

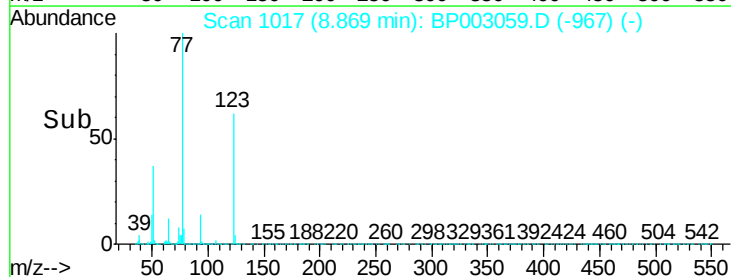
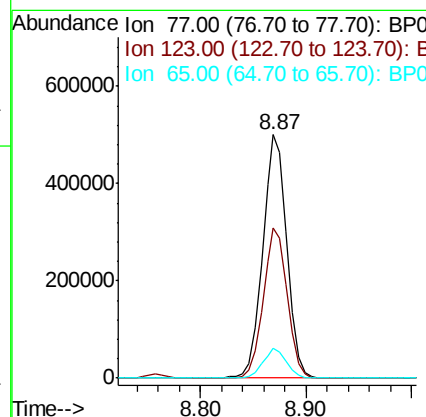
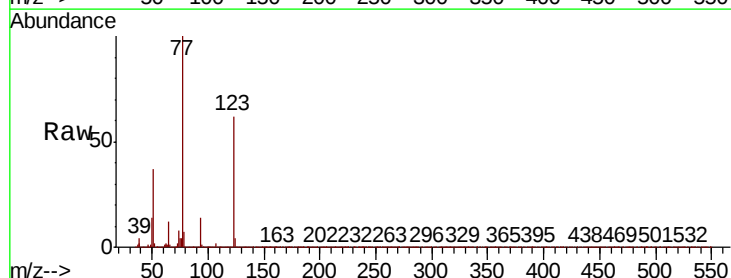
Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

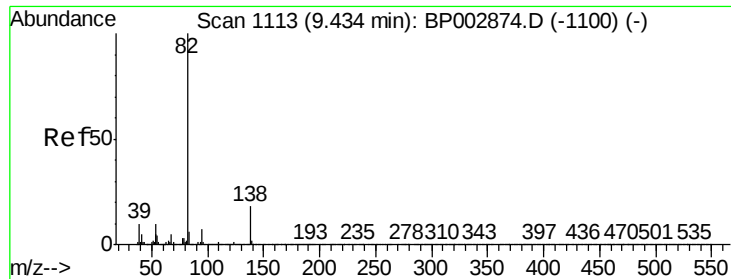
Tot Ion: 82 Resp: 1464437
 Ion Ratio Lower Upper
 82 100
 128 57.6 45.1 67.7
 54 36.4 28.8 43.2



#24
 Nitrobenzene
 Concen: 26.284 ng
 RT: 8.87 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Tgt Ion: 77 Resp: 791781
 Ion Ratio Lower Upper
 77 100
 123 61.7 47.5 71.3
 65 12.1 9.2 13.8





#25

Isophorone

Concen: 25.993 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

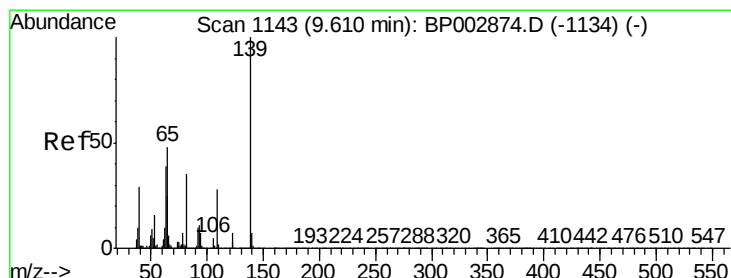
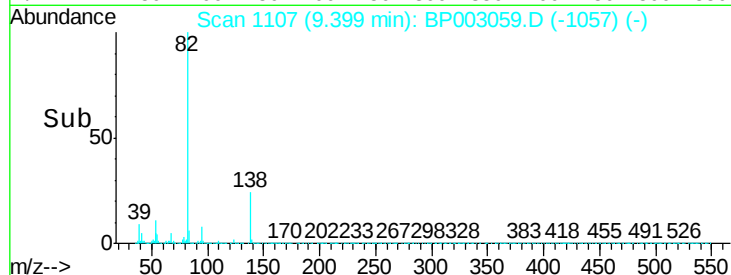
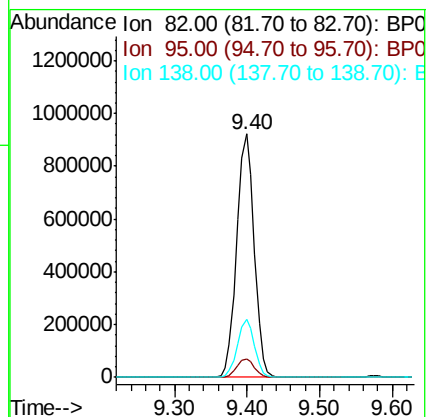
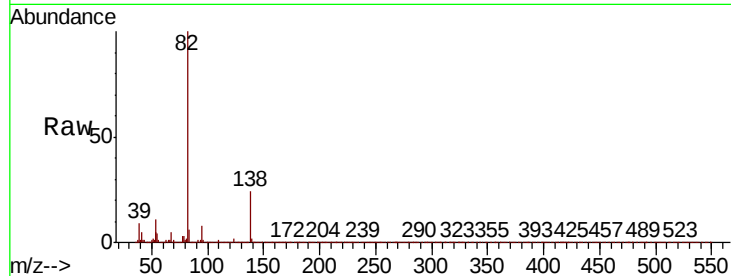
Tot Ion: 82 Resp: 1549501

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 23.6 18.8 28.2



#26

2-Nitrophenol

Concen: 42.837 ng

RT: 9.58 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

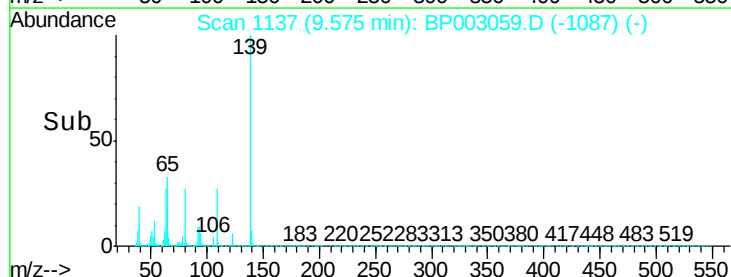
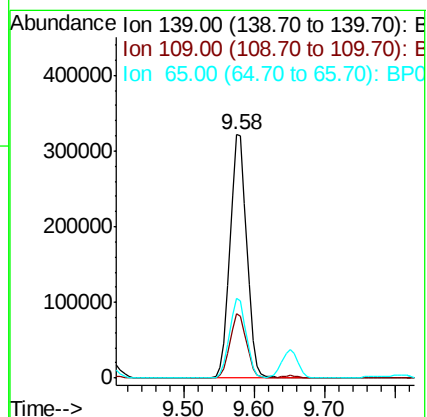
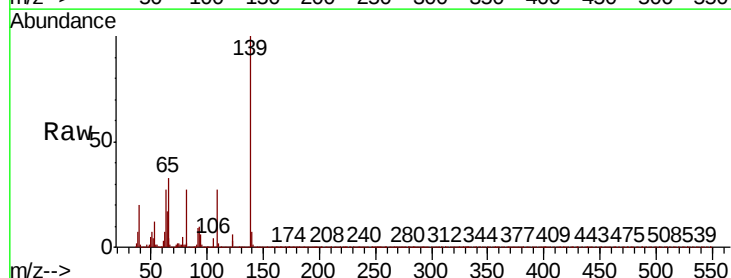
Tgt Ion: 139 Resp: 531881

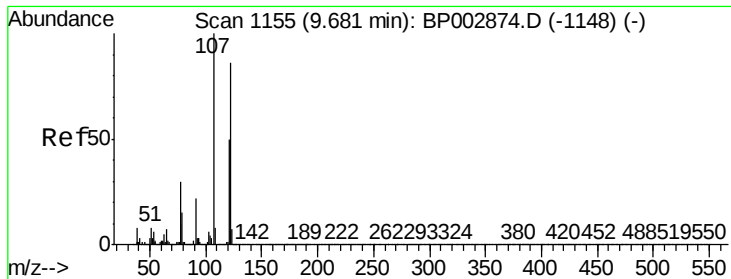
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 32.6 27.2 40.8

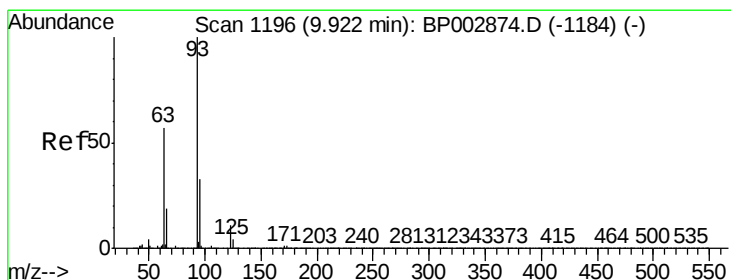
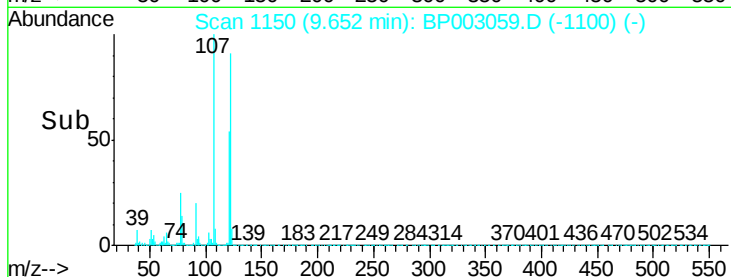
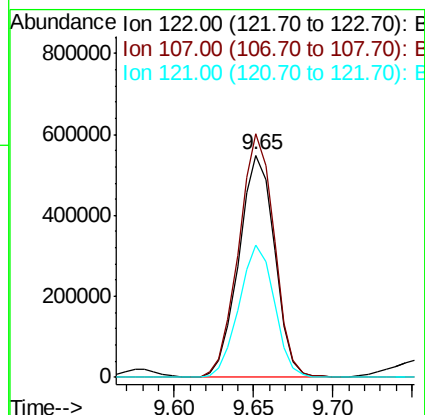
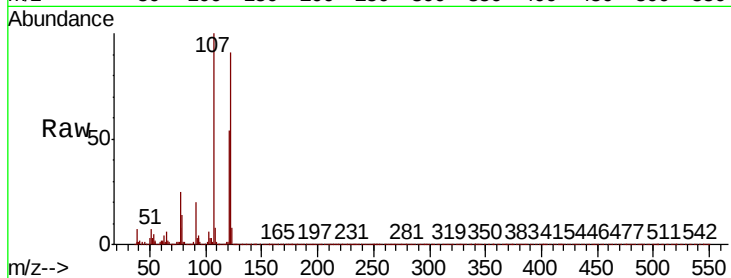




#27
2,4-Dimethylphenol
Concen: 36.268 ng
RT: 9.65 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

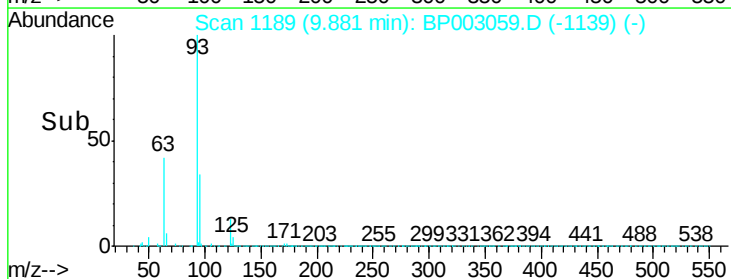
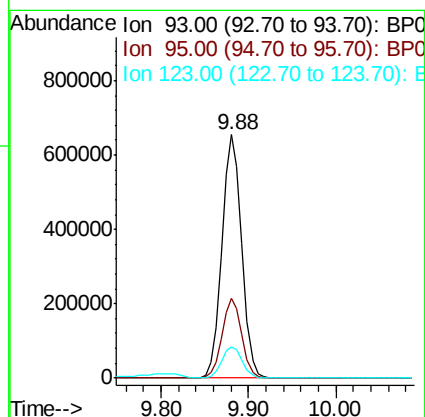
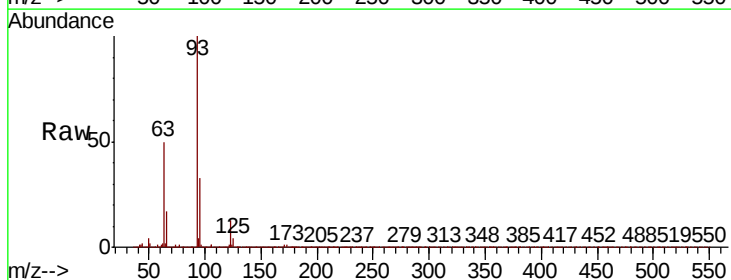
Instrument :
BNA_P
ClientSampleId :
PB131060BS

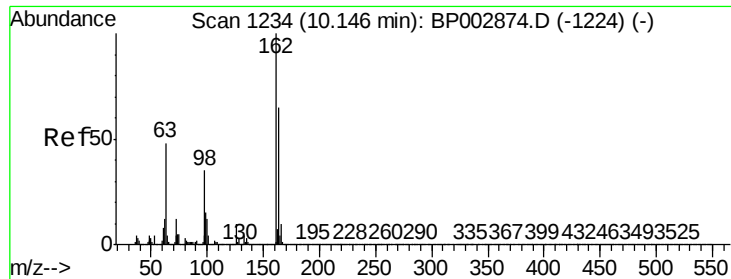
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	85.4	128.0
121	59.6	47.0	70.4



#28
bis(2-Chloroethoxy)methane
Concen: 30.400 ng
RT: 9.88 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	13.0	10.5	15.7

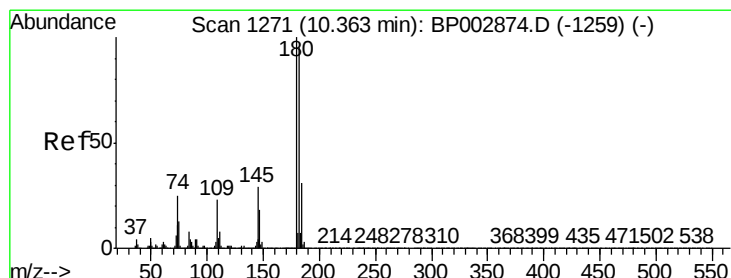
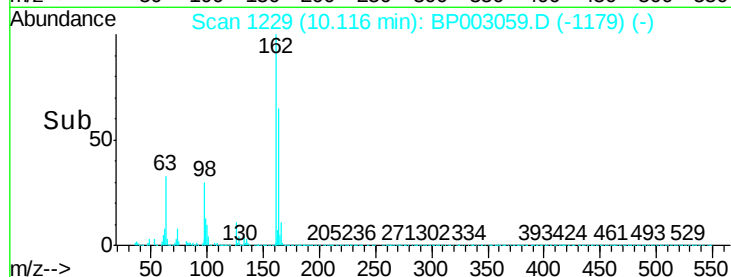
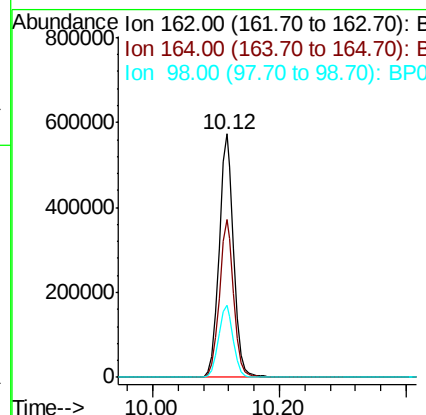
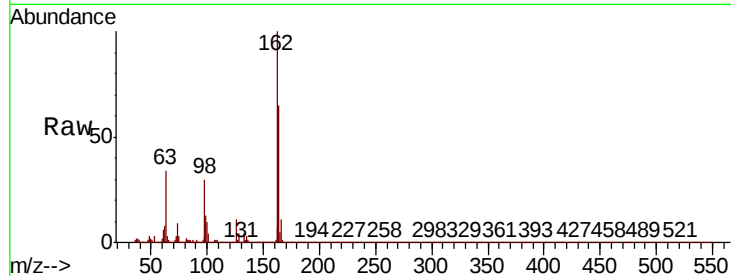




#29
2,4-Dichlorophenol
Concen: 37.419 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

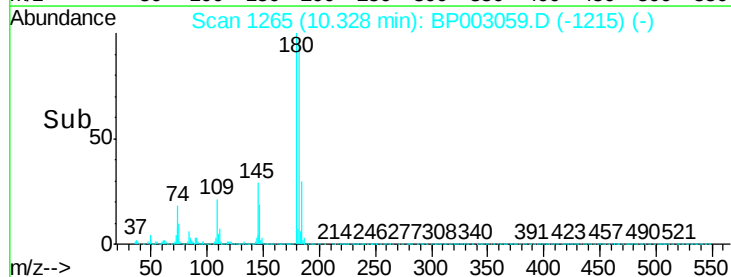
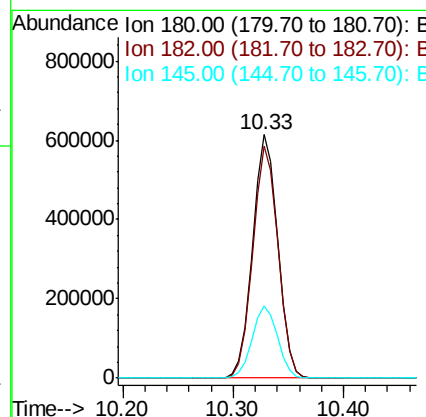
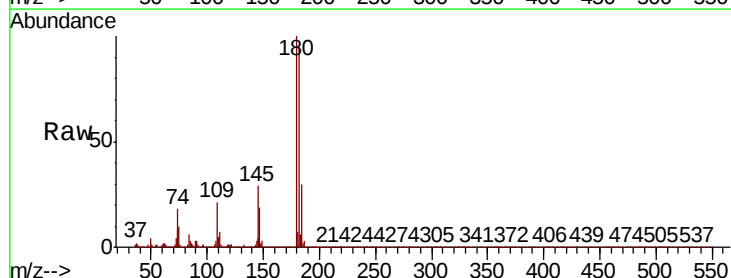
Instrument :
BNA_P
ClientSampleId :
PB131060BS

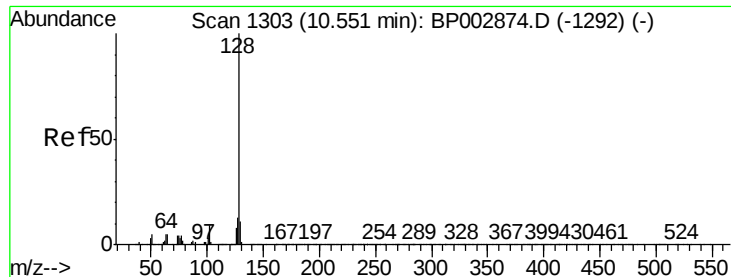
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.9	83.9
98	29.8	10.0	50.0



#30
1,2,4-Trichlorobenzene
Concen: 33.688 ng
RT: 10.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	29.5	24.4	36.6

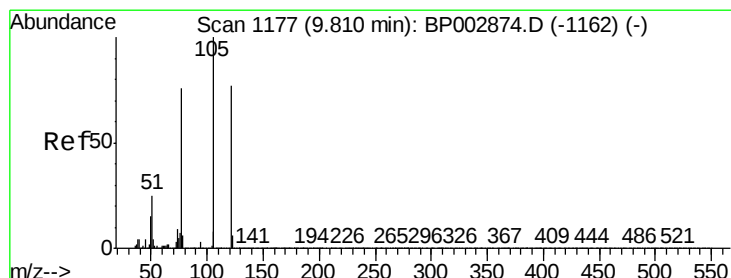
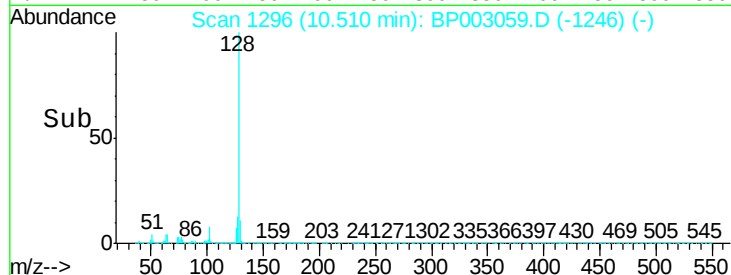
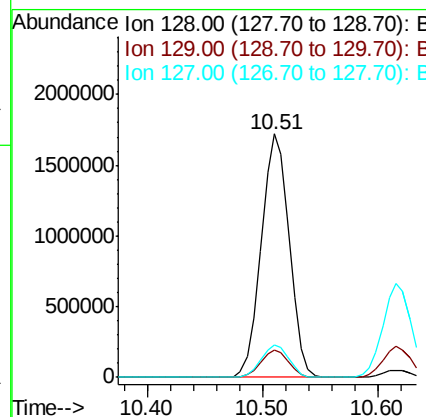
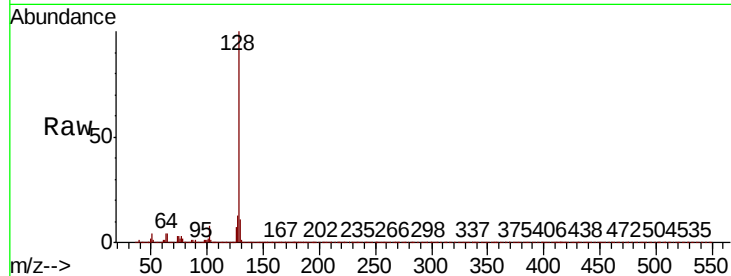




#31
Naphthalene
Concen: 33.727 ng
RT: 10.51 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

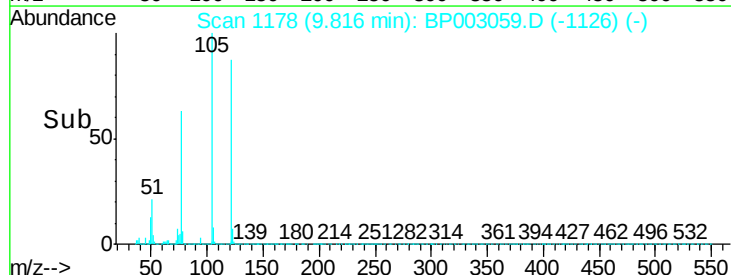
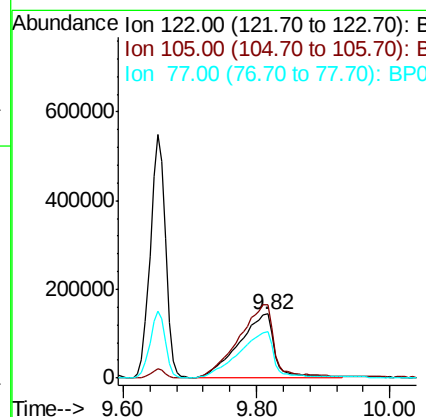
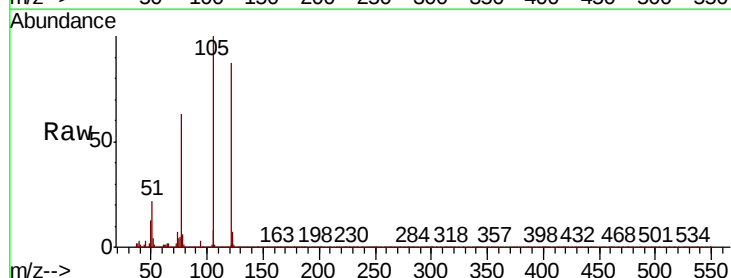
Instrument :
BNA_P
ClientSampleId :
PB131060BS

Tot Ion:128 Resp: 2901549
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 39.307 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:122 Resp: 525637
Ion Ratio Lower Upper
122 100
105 114.9 96.2 136.2
77 72.7 55.6 95.6

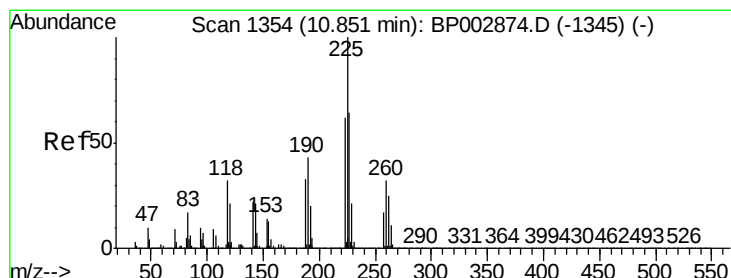
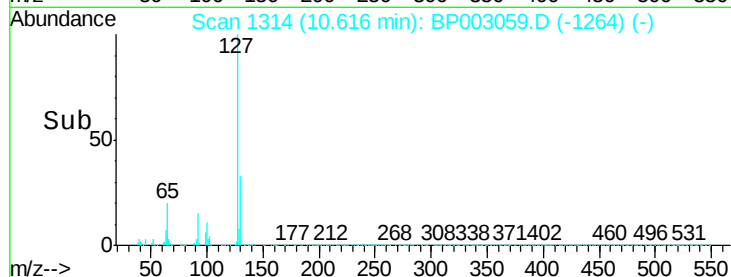
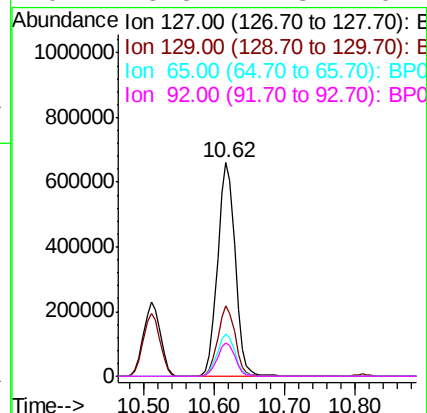
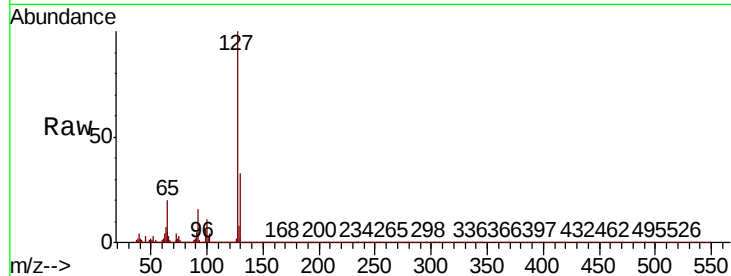




#33
4-Chloroaniline
Concen: 32.061 ng
RT: 10.62 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

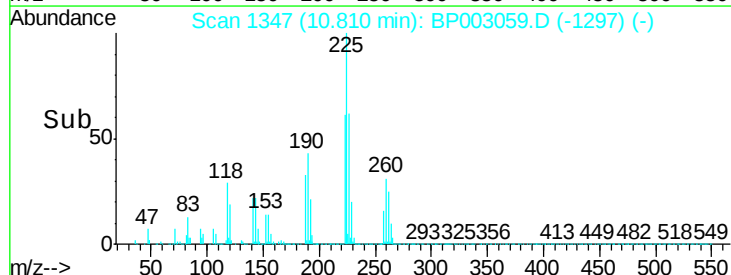
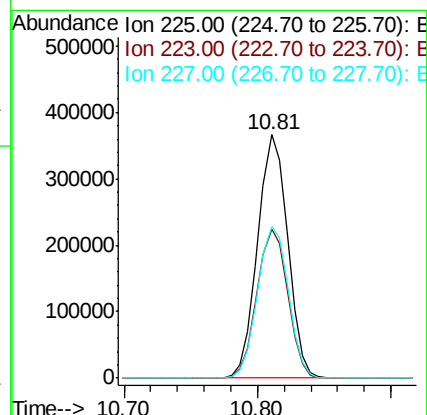
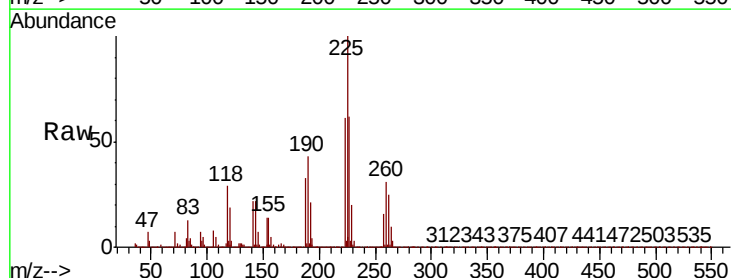
Instrument :
BNA_P
ClientSampleId :
PB131060BS

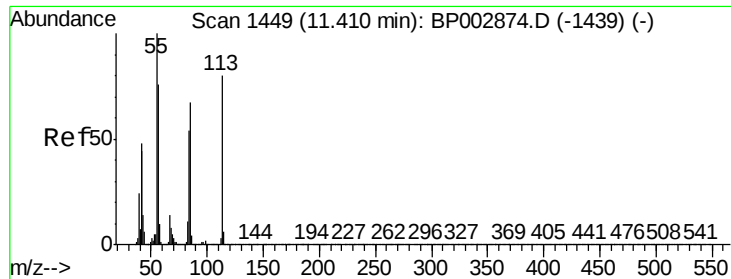
Tot Ion:127 Resp: 1143072
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.6
65 19.7 16.7 25.1
92 15.8 12.8 19.2



#34
Hexachlorobutadiene
Concen: 31.947 ng
RT: 10.81 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:225 Resp: 570994
Ion Ratio Lower Upper
225 100
223 61.3 50.4 75.6
227 62.4 51.0 76.6

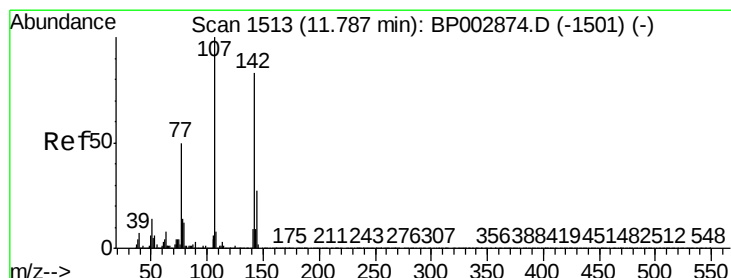
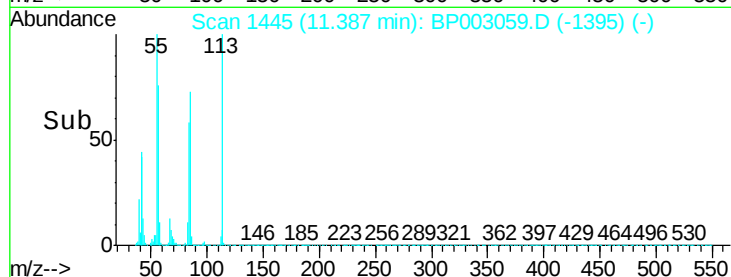
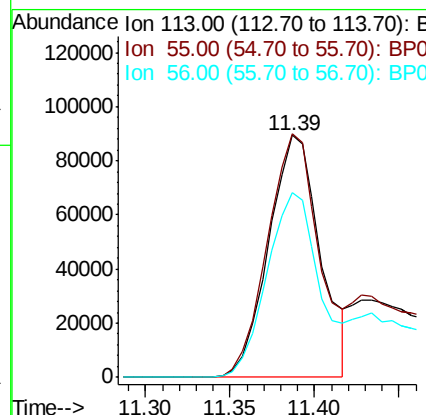
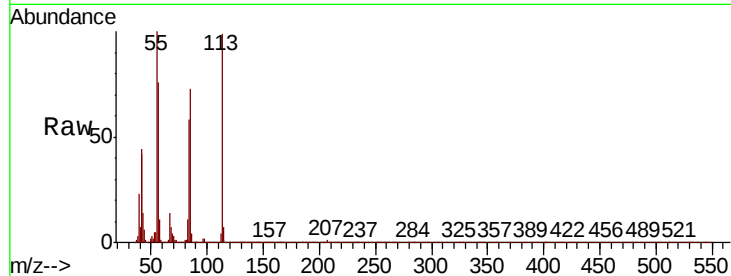




#35
 Caprolactam
 Concen: 24.467 ng
 RT: 11.39 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

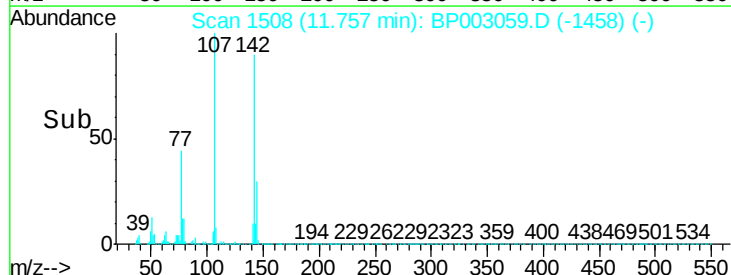
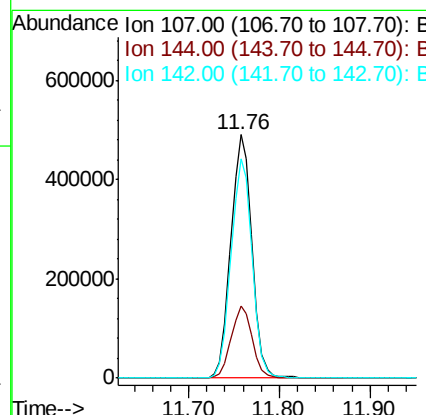
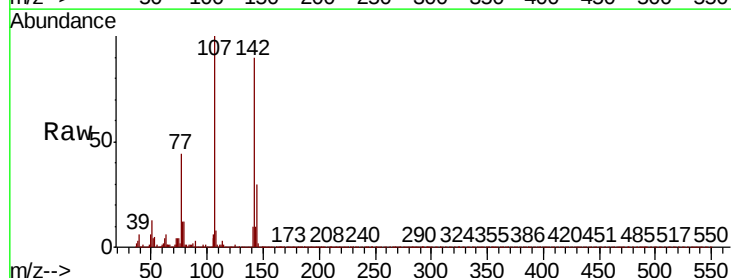
Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

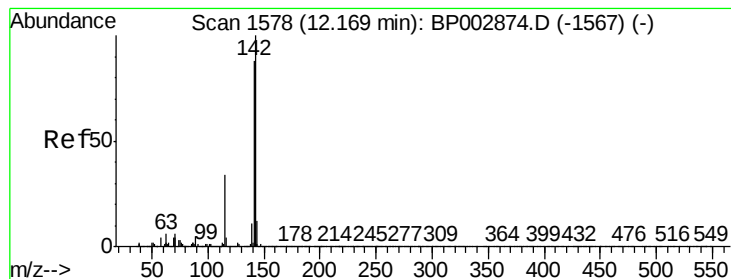
Tot Ion:113 Resp: 189142
 Ion Ratio Lower Upper
 113 100
 55 100.5 87.1 127.1
 56 76.4 61.0 101.0



#36
 4-Chloro-3-methylphenol
 Concen: 30.606 ng
 RT: 11.76 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Tgt Ion:107 Resp: 794876
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.8 35.6
 142 90.1 74.2 111.4





#37

2-Methylnaphthalene

Concen: 30.825 ng

RT: 12.13 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

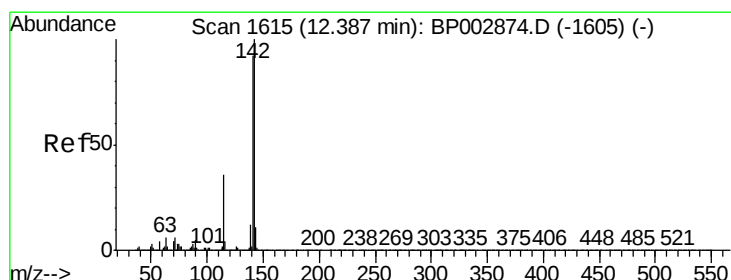
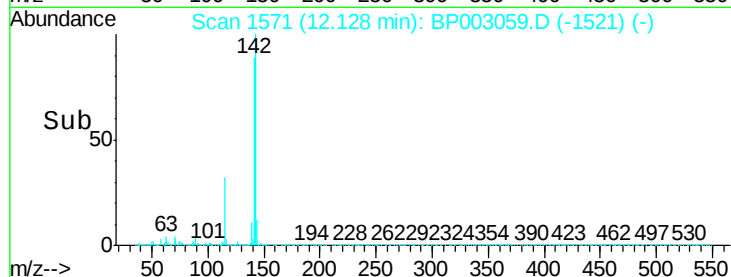
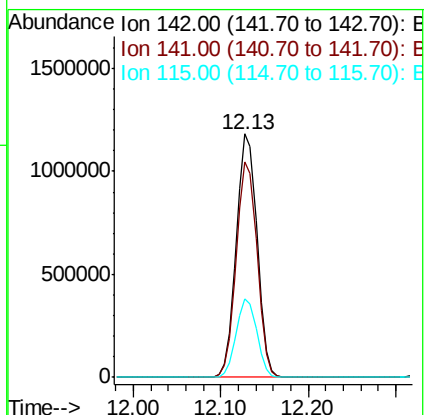
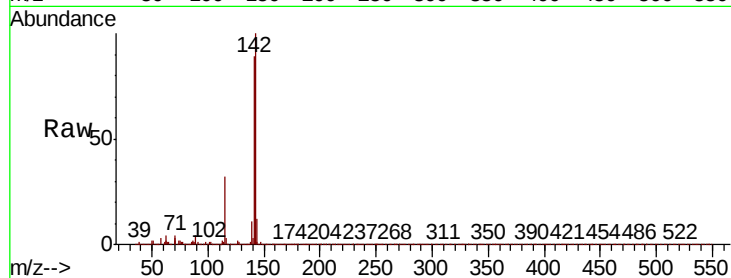
BNA_P

ClientSampleId :

PB131060BS

Tot Ion:142 Resp: 1886345

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.5	105.7
115	32.2	25.0	37.4



#38

1-Methylnaphthalene

Concen: 30.655 ng

RT: 12.35 min Scan# 1609

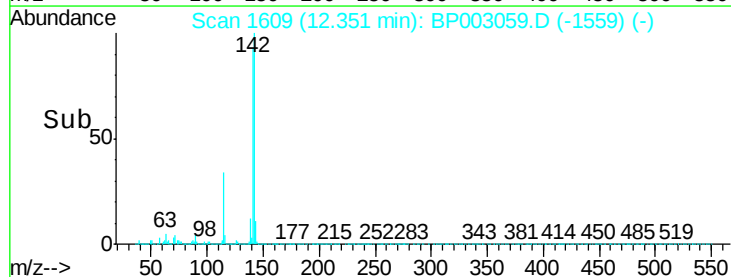
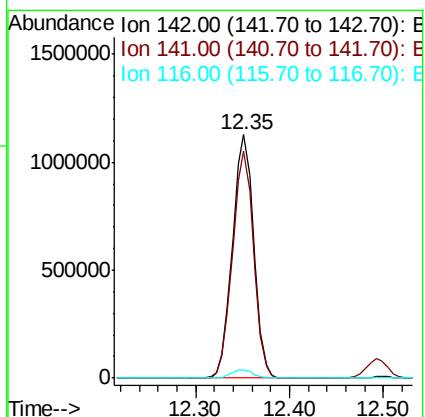
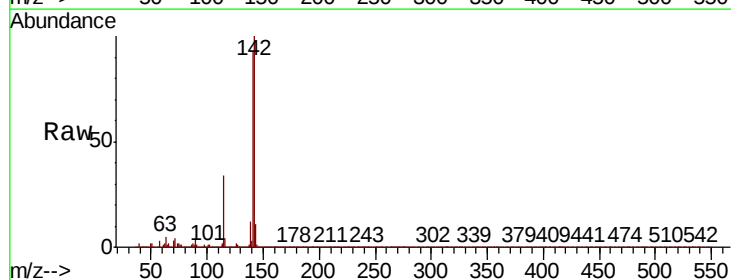
Delta R.T. -0.01 min

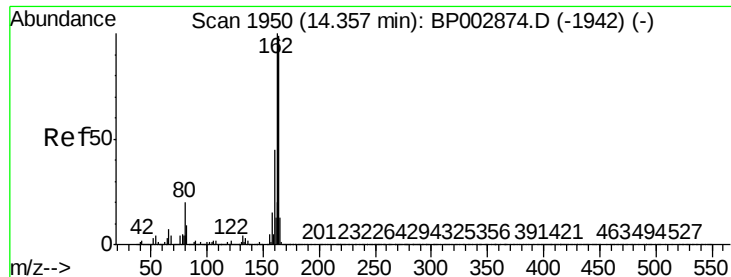
Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Tgt Ion:142 Resp: 1765918

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.5	110.3
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

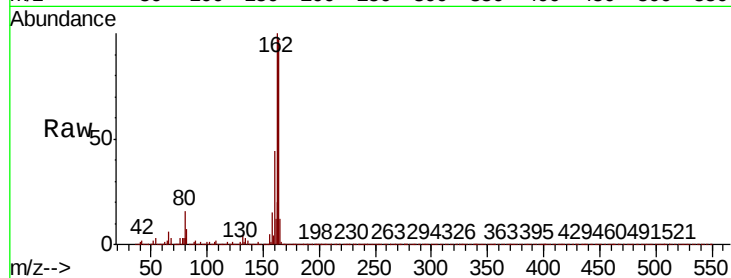
Tot Ion:164 Resp: 783940

Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

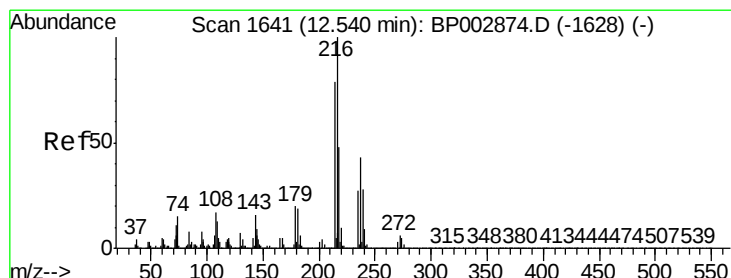
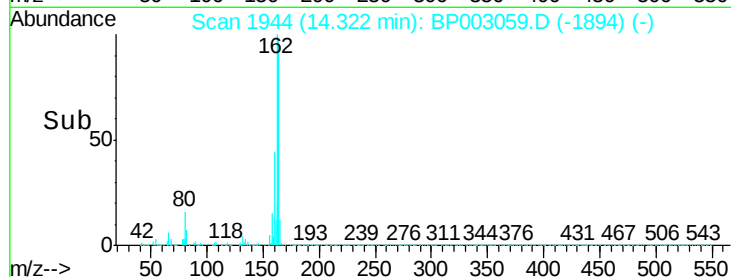
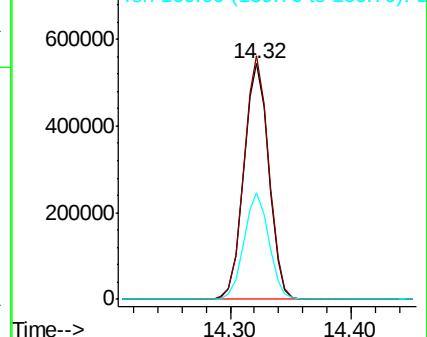
160 45.4 35.5 53.3



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: 31.539 ng

RT: 12.51 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Tgt Ion:216 Resp: 888930

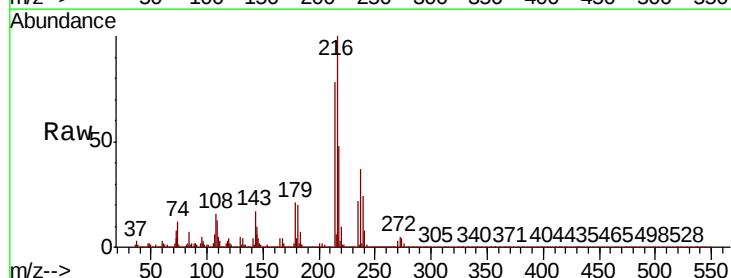
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 21.3 17.3 25.9

108 18.6 13.6 20.4

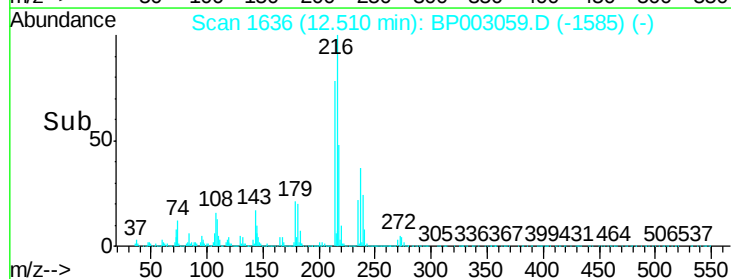
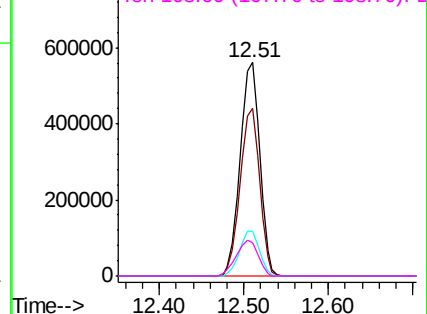


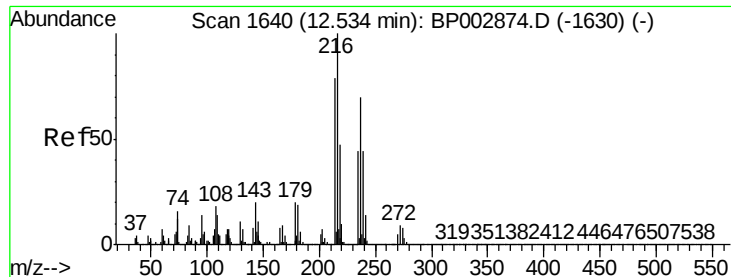
Abundance Ion 216.00 (215.70 to 216.70): E

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

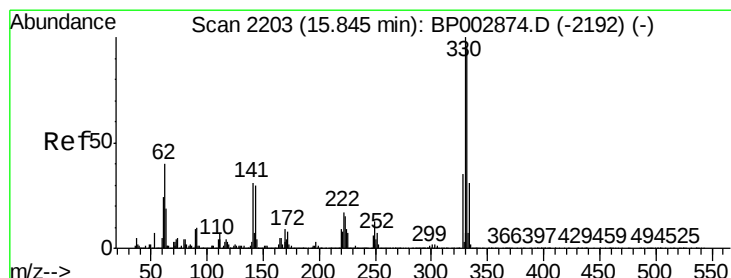
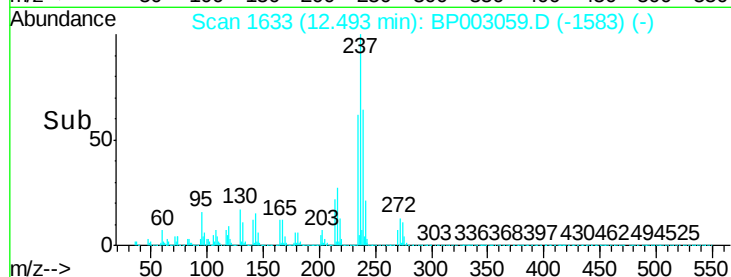
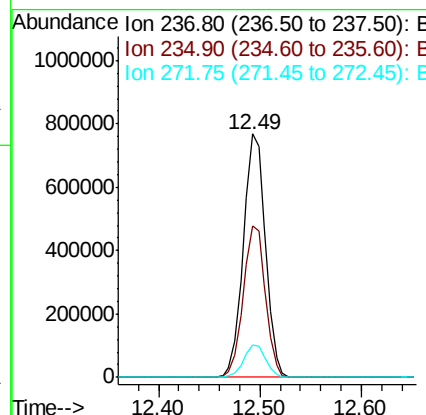
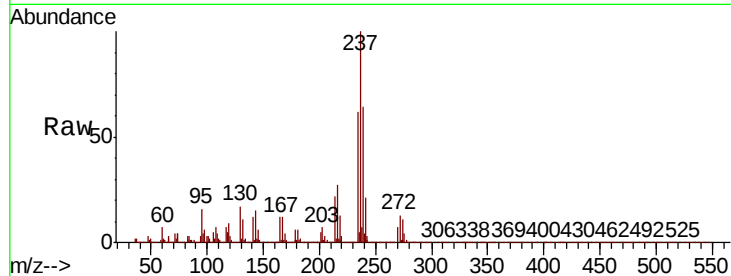




#41
Hexachlorocyclopentadiene
Concen: 79.132 ng
RT: 12.49 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

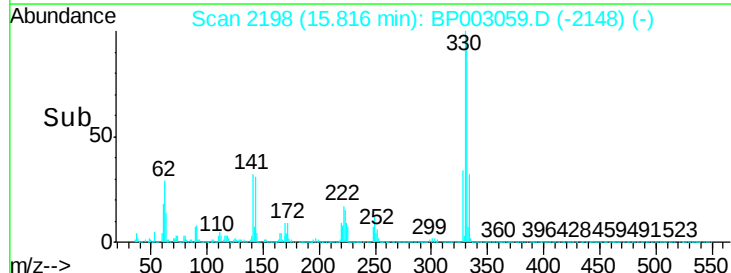
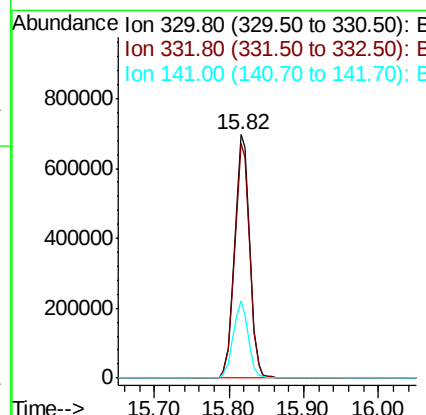
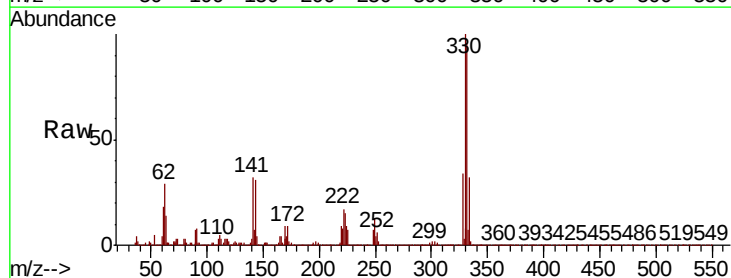
Instrument :
BNA_P
ClientSampleId :
PB131060BS

Tot Ion:237 Resp: 1157044
Ion Ratio Lower Upper
237 100
235 62.4 43.8 83.8
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 101.939 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:330 Resp: 993238
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 31.3 26.7 40.1

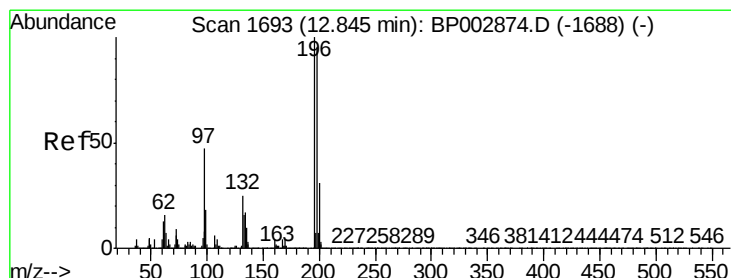
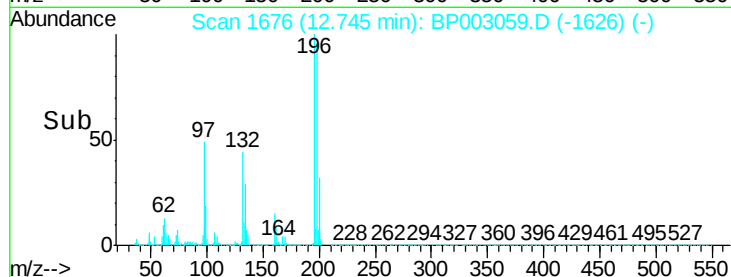
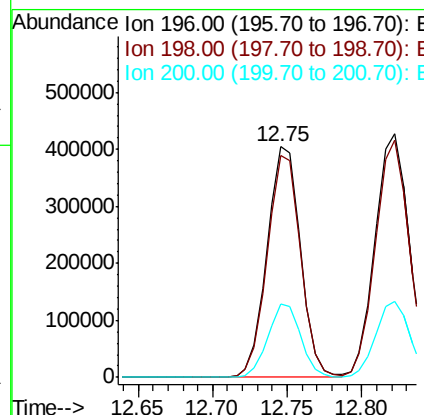
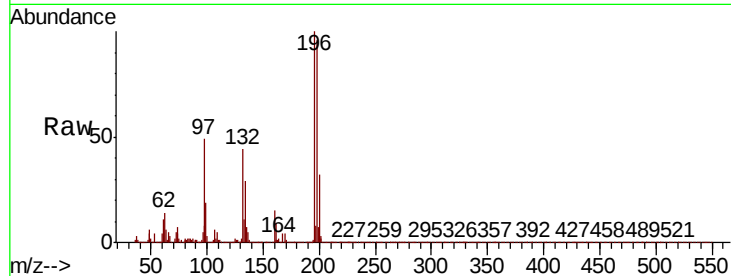




#43
 2,4,6-Trichlorophenol
 Concen: 38.466 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

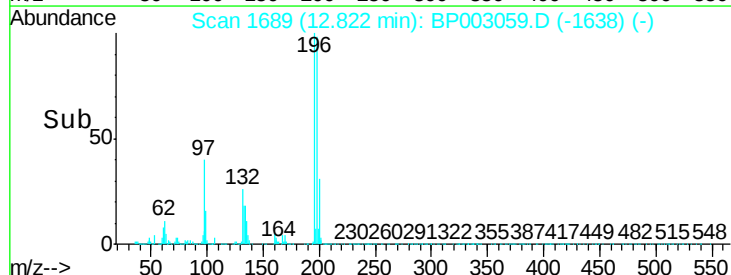
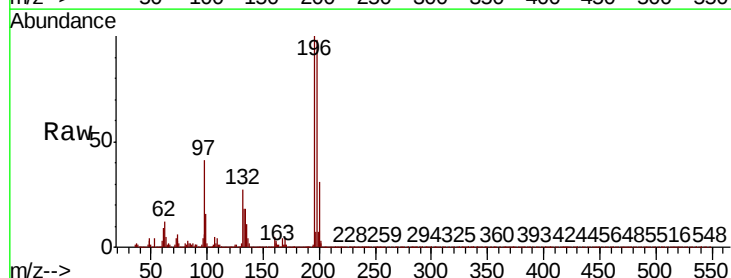
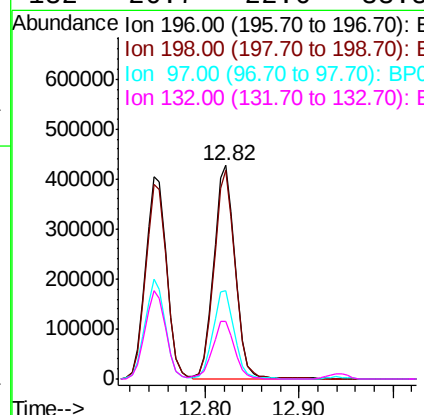
Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

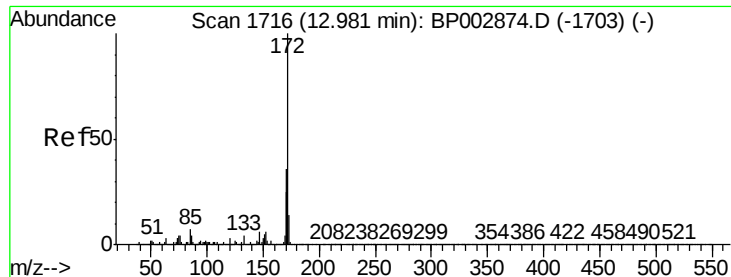
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.2
200	31.6	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.001 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.8	115.2
97	41.1	33.6	50.4
132	26.7	22.6	33.8



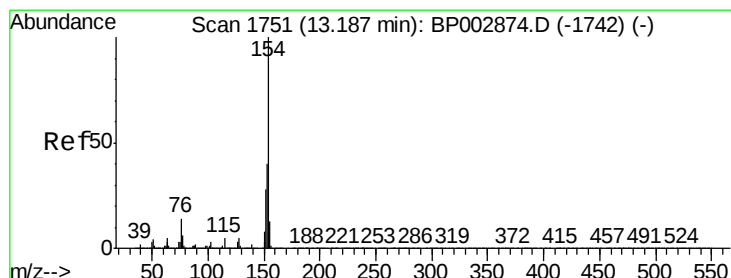
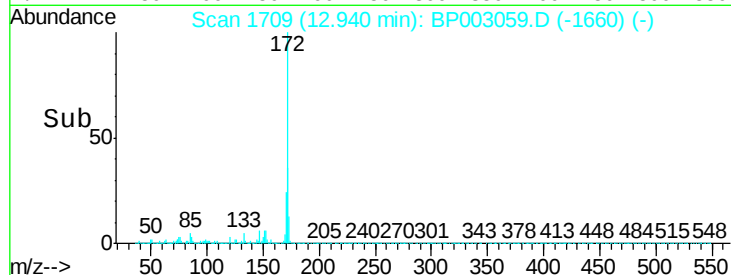
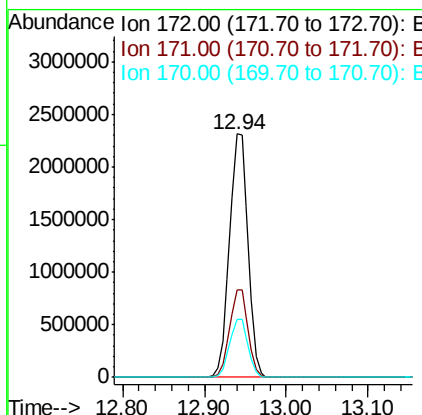
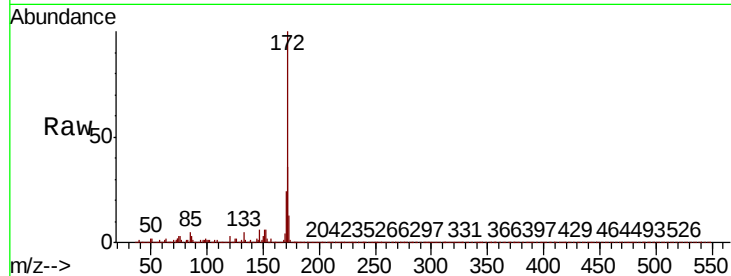


#45
 2-Fluorobiphenyl
 Concen: 63.435 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

Tot Ion:172 Resp: 3639684

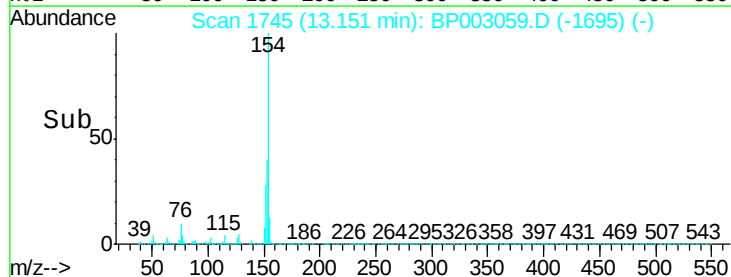
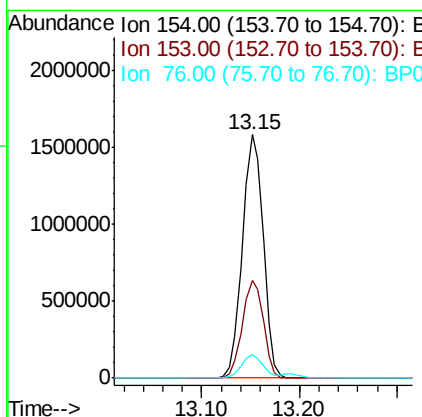
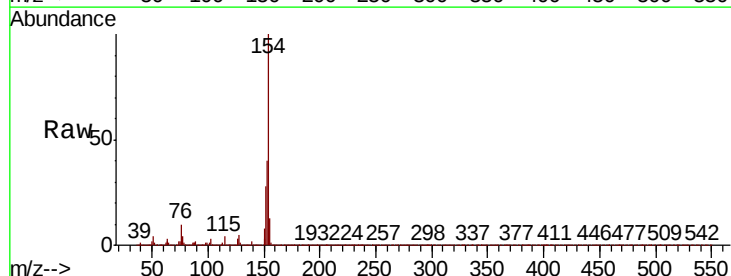
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	23.8	19.1	28.7

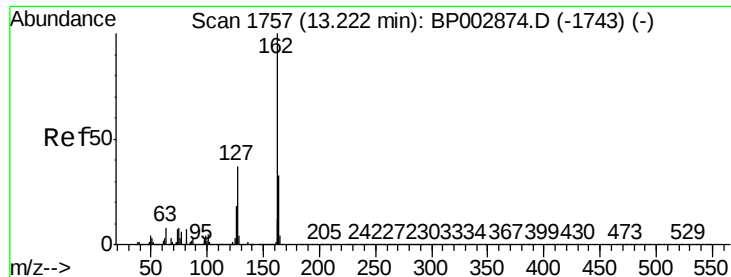


#46
 1,1'-Biphenyl
 Concen: 36.273 ng
 RT: 13.15 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Tgt Ion:154 Resp: 2350727

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.5	60.5
76	9.7	0.0	30.1

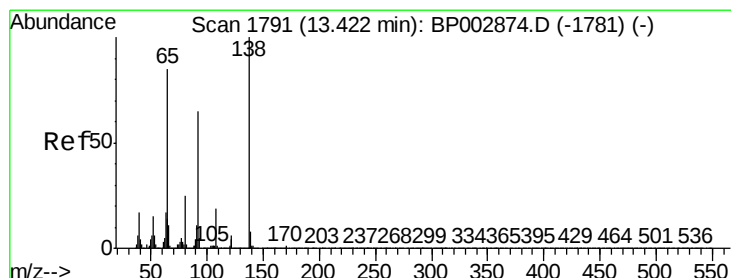
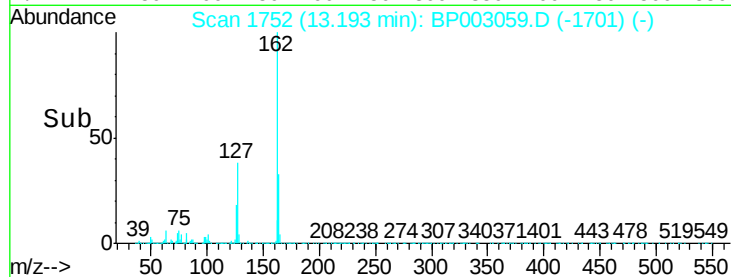
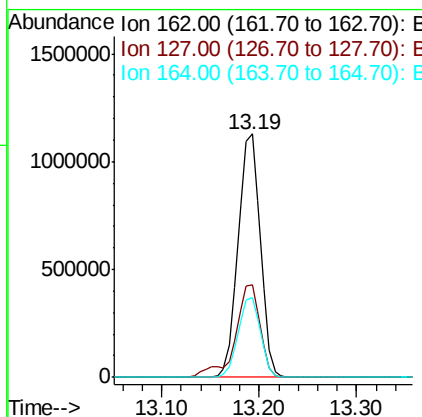
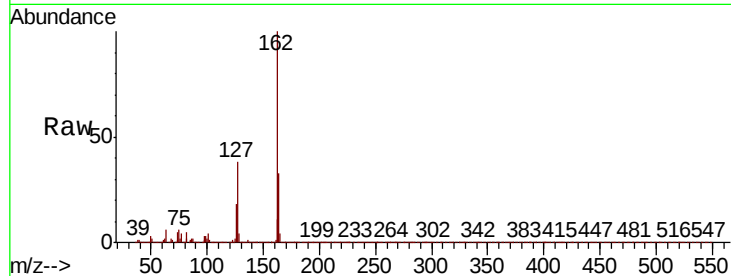




#47
2-Chloronaphthalene
Concen: 35.077 ng
RT: 13.19 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

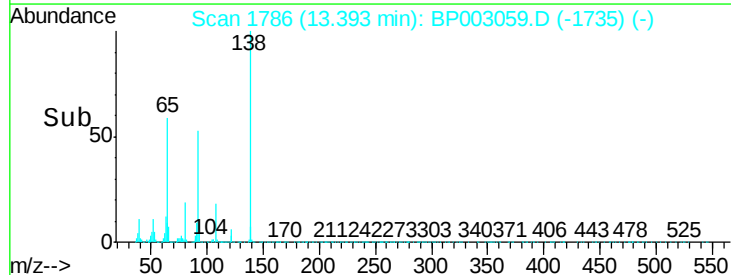
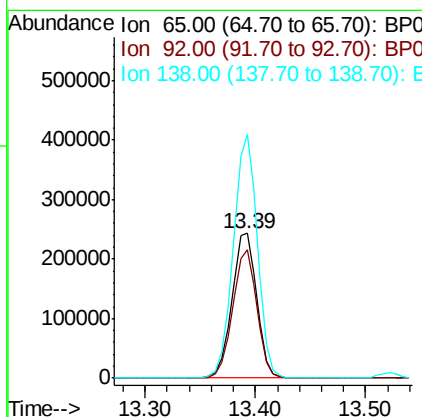
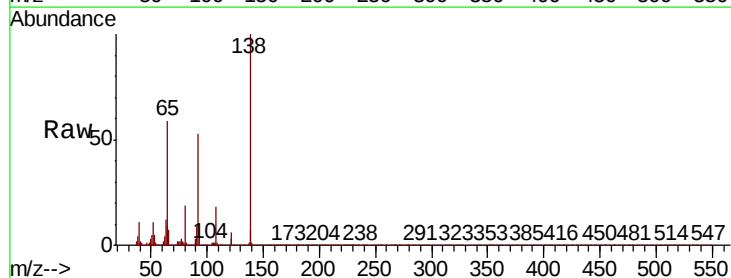
Instrument :
BNA_P
ClientSampleId :
PB131060BS

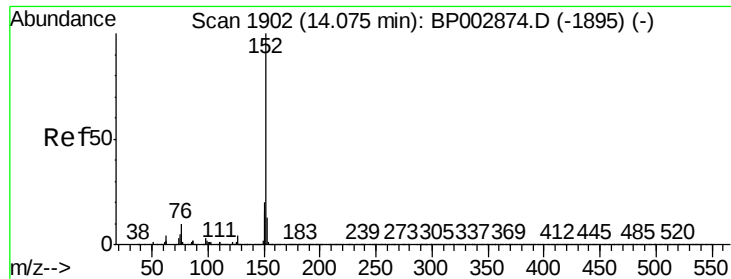
Tot Ion:162 Resp: 1780094
Ion Ratio Lower Upper
162 100
127 38.0 30.6 46.0
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 31.741 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion: 65 Resp: 383219
Ion Ratio Lower Upper
65 100
92 88.8 70.1 105.1
138 168.1 129.7 194.5





#49

Acenaphthylene

Concen: 36.792 ng

RT: 14.04 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

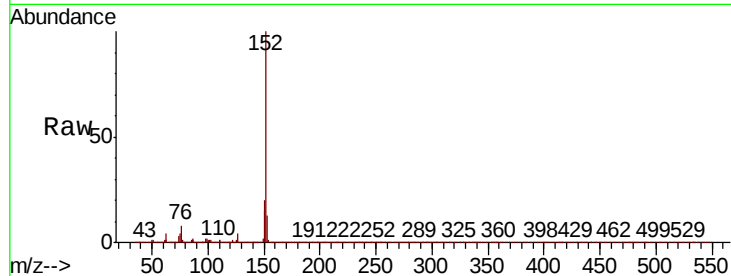
Tot Ion:152 Resp: 2928166

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

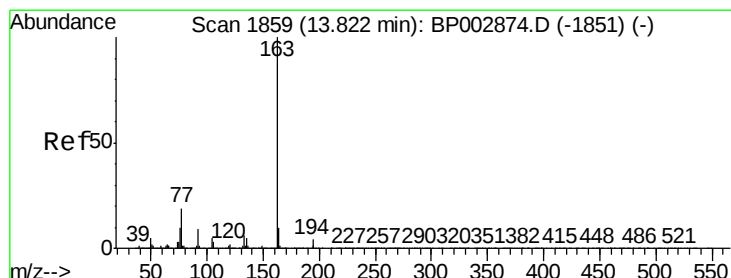
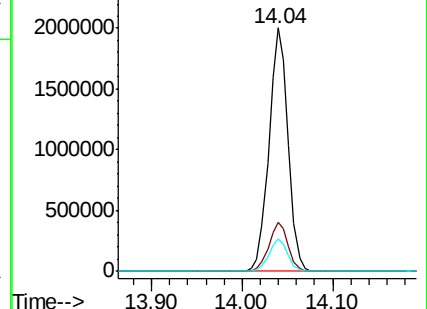
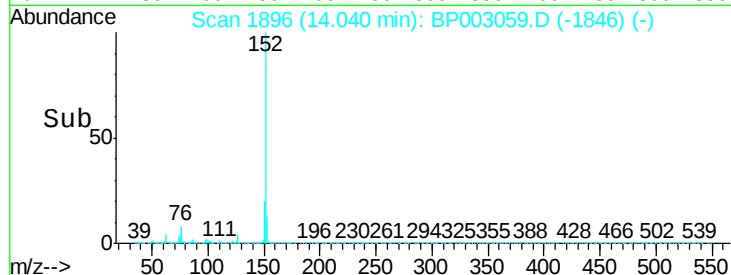
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.031 ng

RT: 13.79 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

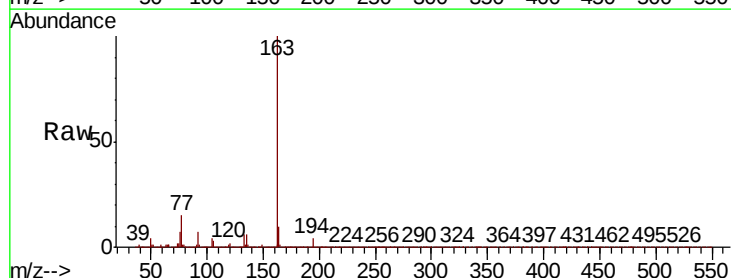
Tgt Ion:163 Resp: 2270557

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

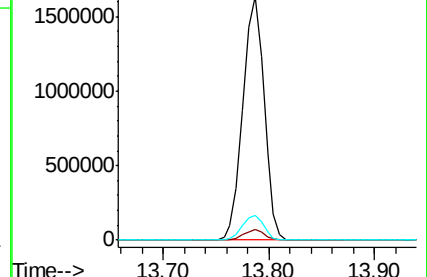
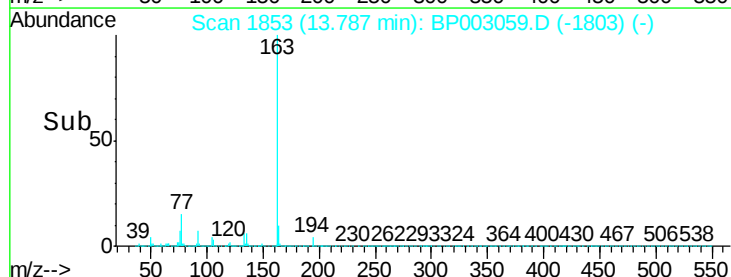
164 10.0 8.1 12.1

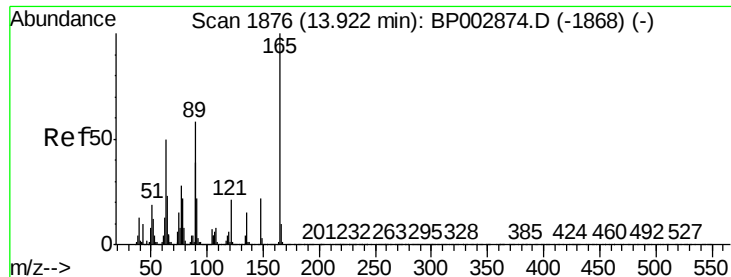


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

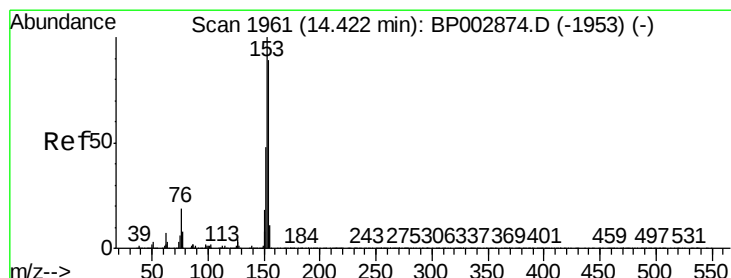
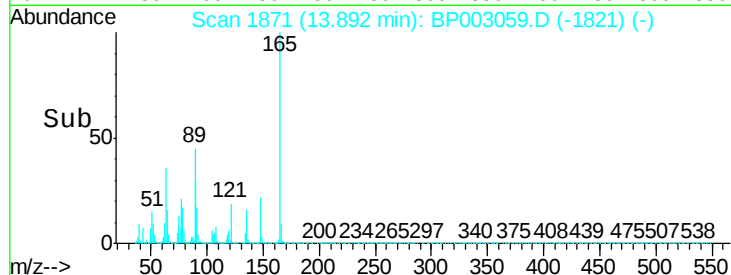
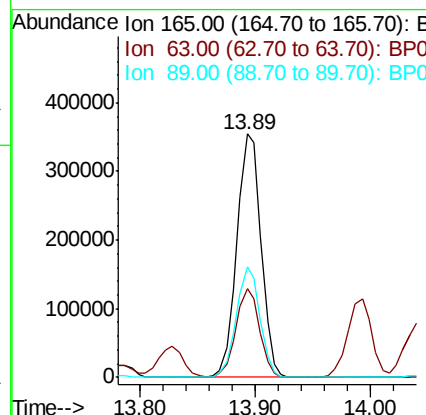
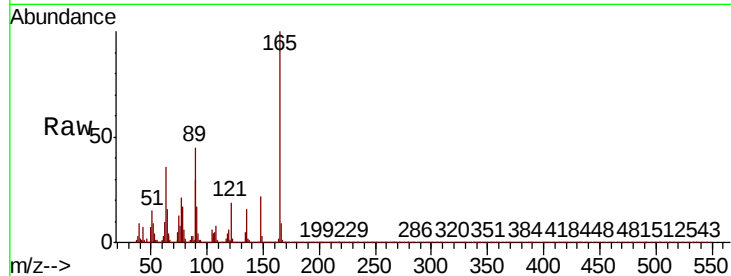




#51
 2,6-Dinitrotoluene
 Concen: 37.752 ng
 RT: 13.89 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

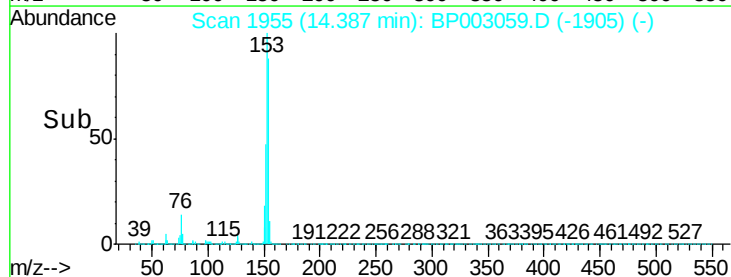
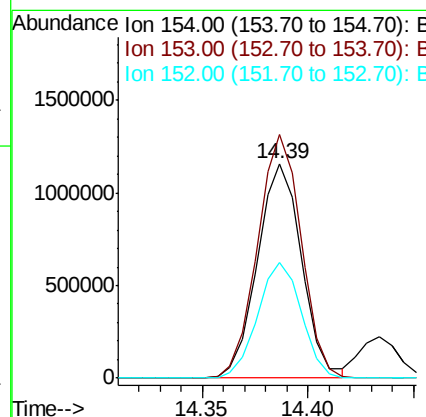
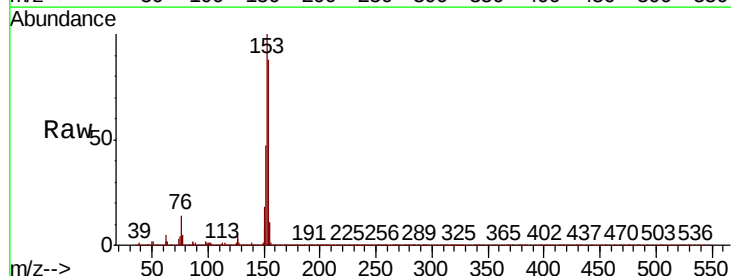
Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

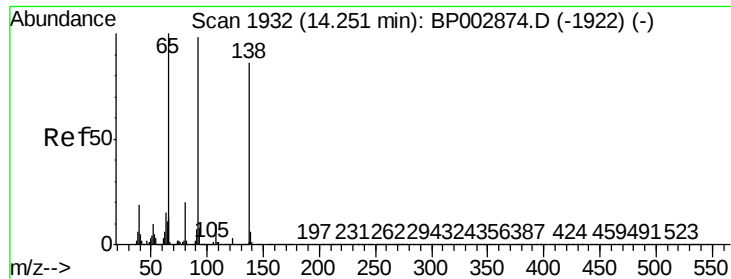
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.3	28.1	42.1
89	45.3	34.5	51.7



#52
 Acenaphthene
 Concen: 32.954 ng
 RT: 14.39 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.5	134.3
152	53.7	42.7	64.1

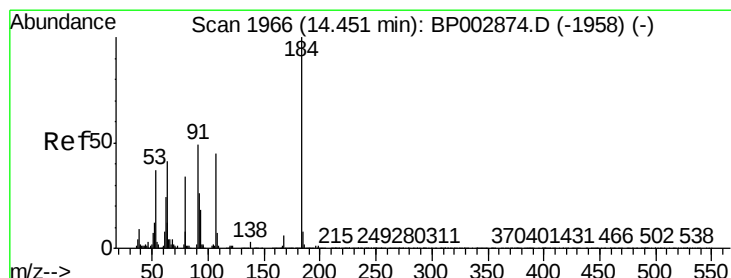
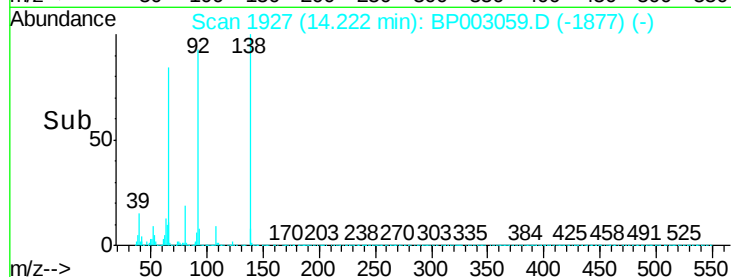
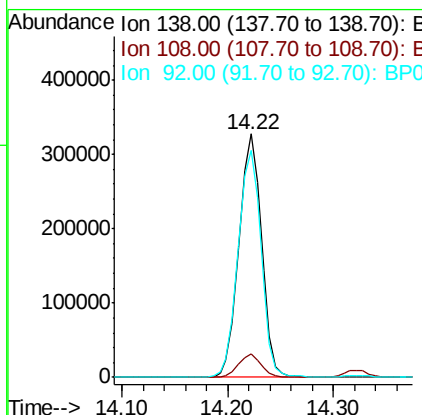
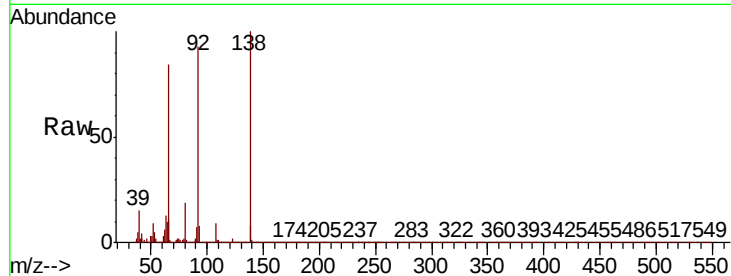




#53
 3-Nitroaniline
 Concen: 34.348 ng
 RT: 14.22 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

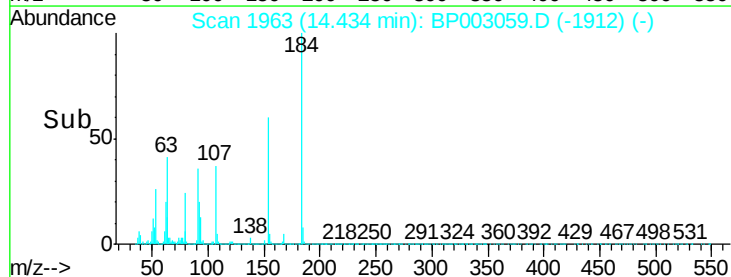
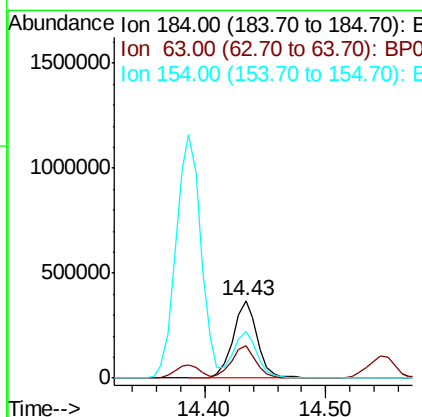
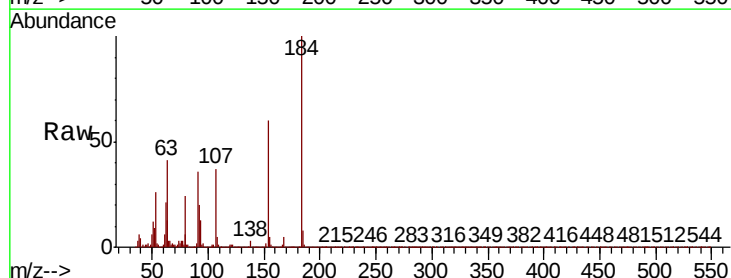
Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

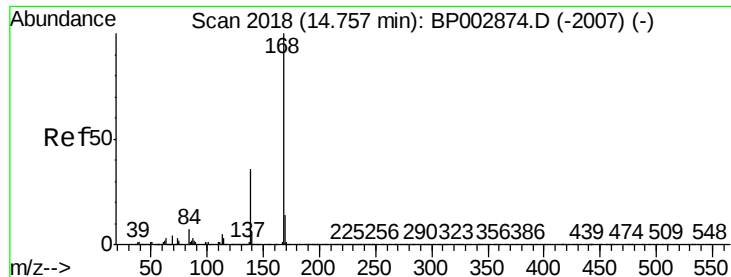
Tot Ion:138 Resp: 483992
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.7 11.5
 92 93.0 75.6 113.4



#54
 2,4-Dinitrophenol
 Concen: 87.514 ng
 RT: 14.43 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Tgt Ion:184 Resp: 514473
 Ion Ratio Lower Upper
 184 100
 63 41.2 33.0 49.6
 154 60.5 46.8 70.2





#55

Dibenzofuran

Concen: 34.138 ng

RT: 14.72 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

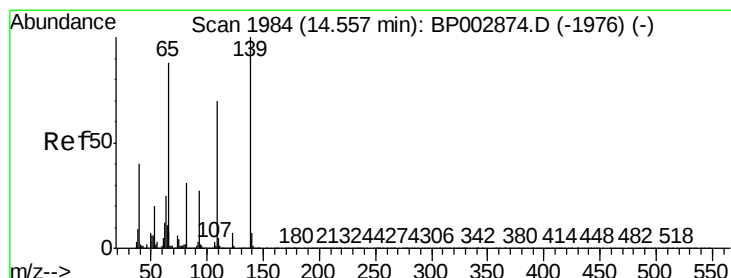
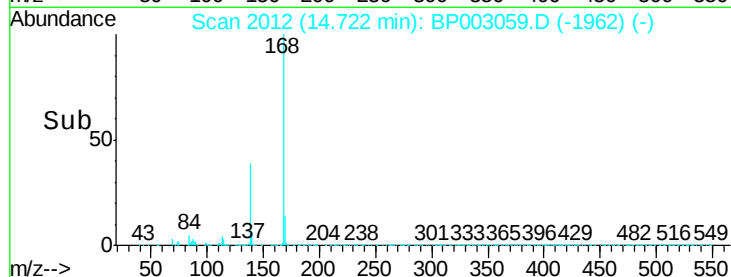
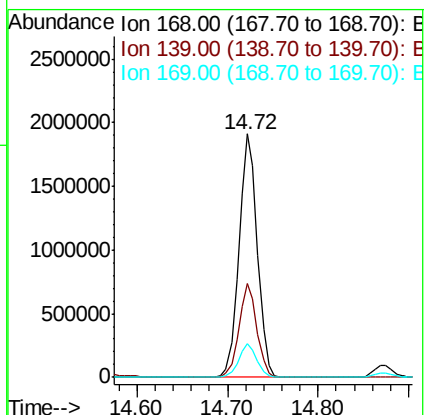
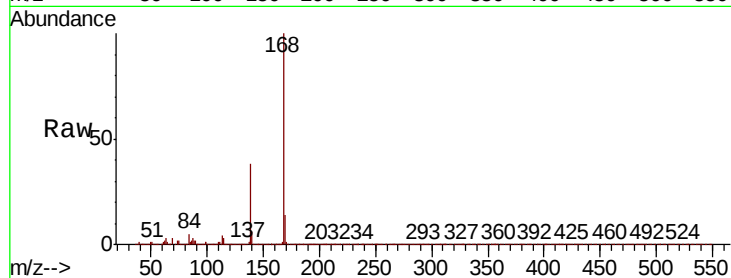
Tot Ion:168 Resp: 2678612

Ion Ratio Lower Upper

168 100

139 38.4 30.4 45.6

169 13.6 11.0 16.4



#56

4-Nitrophenol

Concen: 82.489 ng

RT: 14.55 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

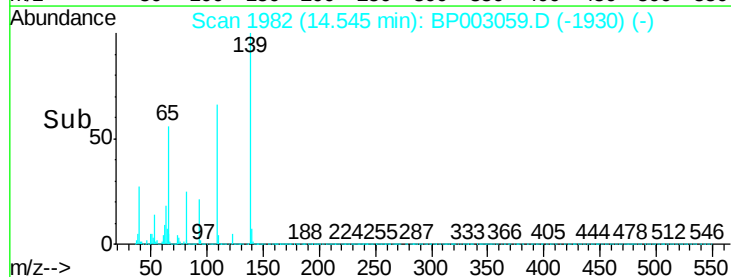
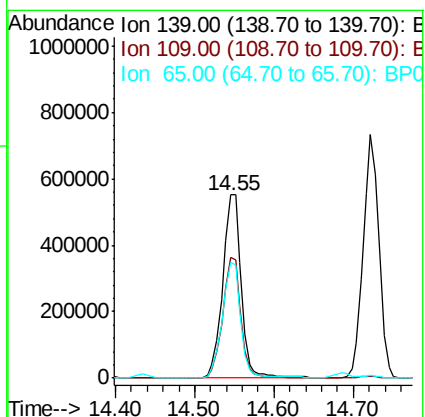
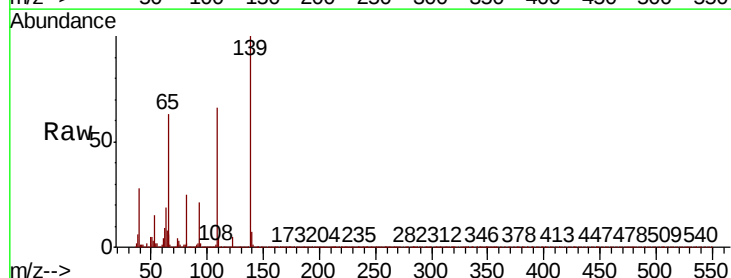
Tgt Ion:139 Resp: 896868

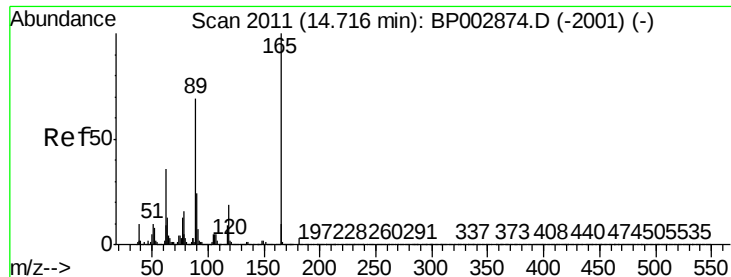
Ion Ratio Lower Upper

139 100

109 66.0 41.1 81.1

65 62.8 44.4 84.4

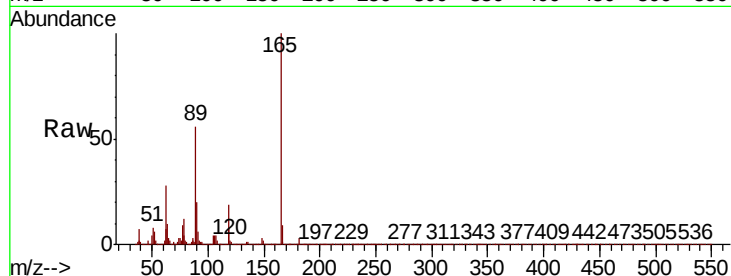




#57
2,4-Dinitrotoluene
Concen: 39.120 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Instrument :
BNA_P
ClientSampleId :
PB131060BS

Tot Ion:165	Resp: 698646
Ion Ratio	Lower Upper
165 100	
63 27.9	20.6 31.0
89 55.9	43.4 65.0
182 2.9	2.3 3.5



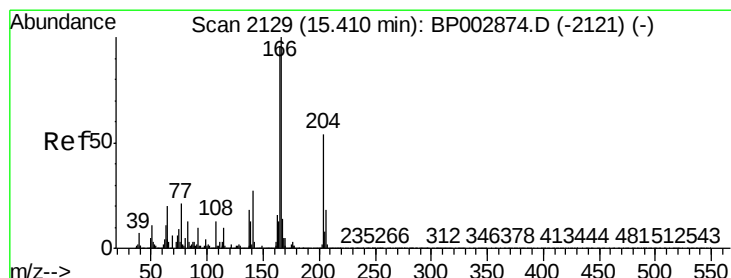
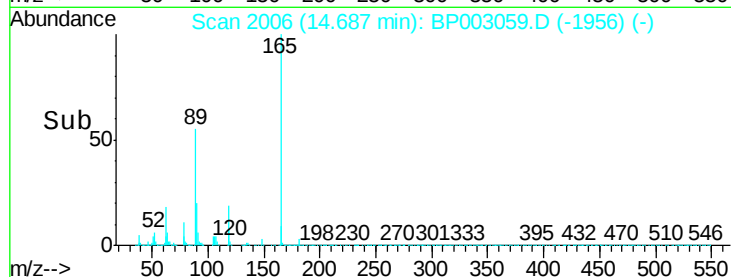
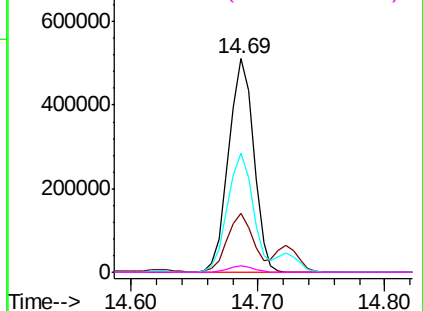
Abundance Ion 165.00 (164.70 to 165.70): E

800000

Ion 63.00 (62.70 to 63.70): BP0

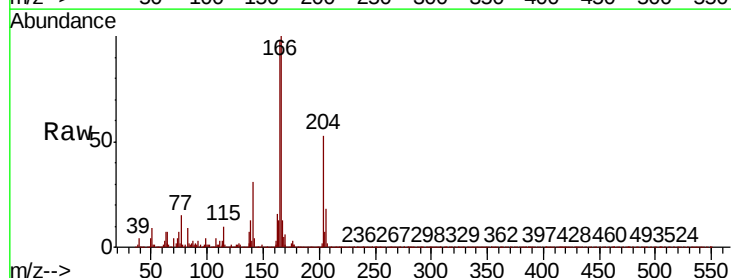
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 32.677 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

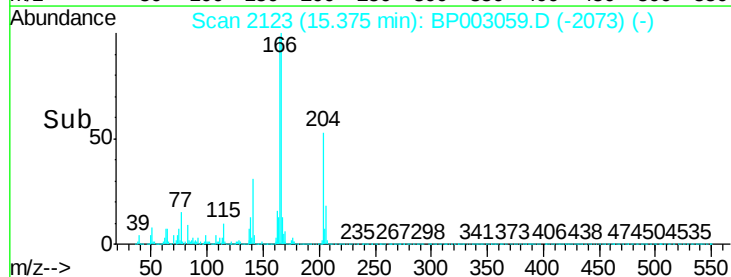
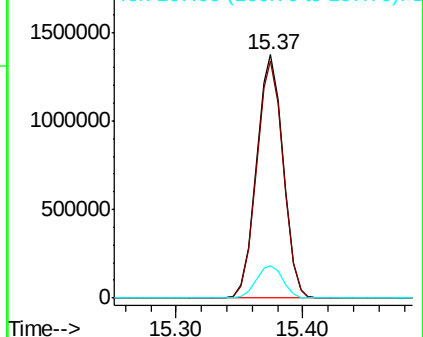
Tgt	Ion:166	Resp:	2007408
Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.5	10.9	16.3

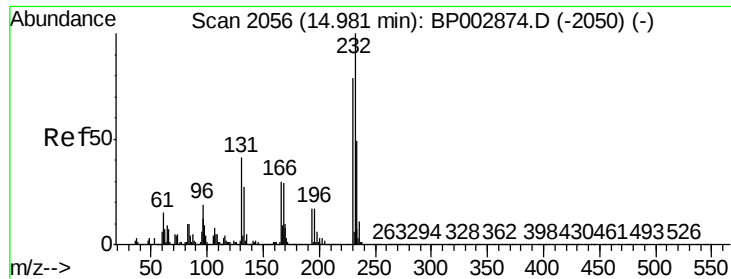


Abundance Ion 166.00 (165.70 to 166.70): E

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: 39.616 ng

RT: 14.96 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

Tot Ion:232 Resp: 592353

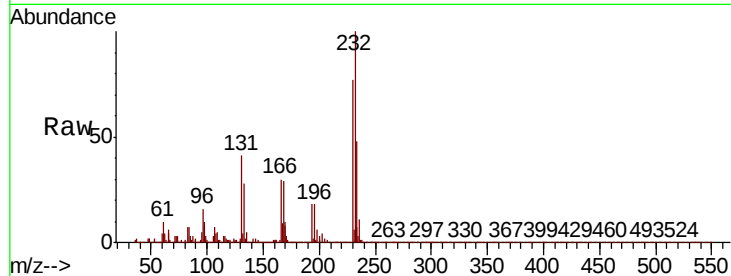
Ion Ratio Lower Upper

232 100

131 44.1 35.4 53.2

130 2.3 1.8 2.6

166 31.6 25.3 37.9

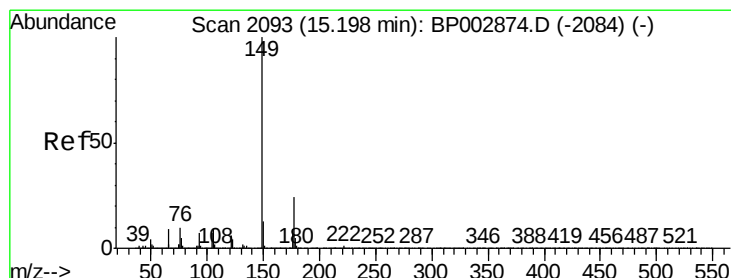
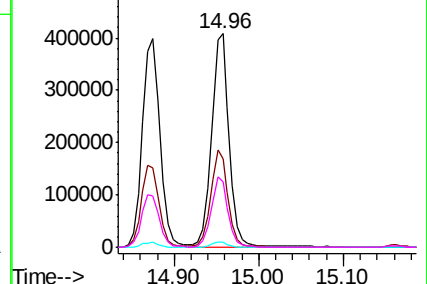
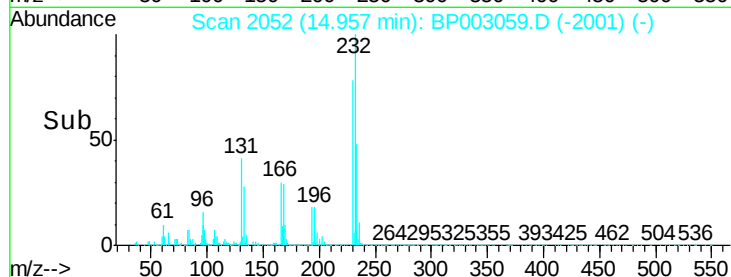


Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.808 ng

RT: 15.16 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

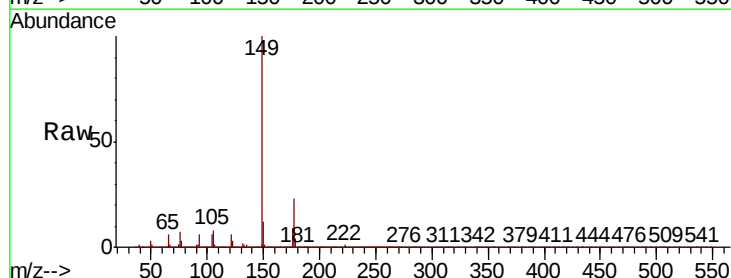
Tgt Ion:149 Resp: 2265219

Ion Ratio Lower Upper

149 100

177 22.6 18.6 27.8

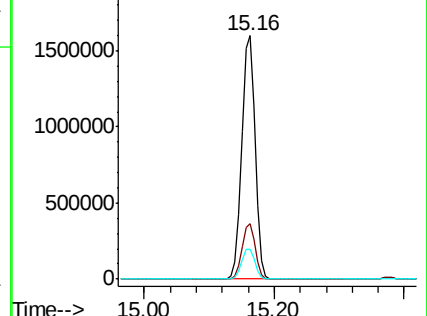
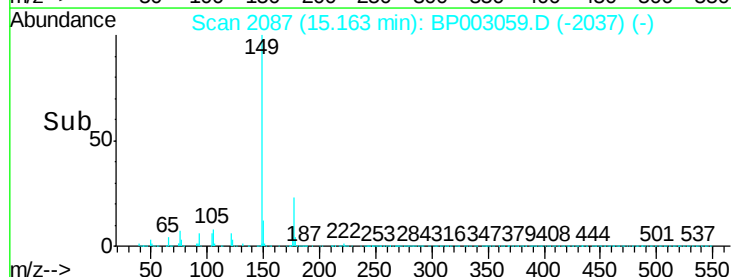
150 12.5 10.2 15.4

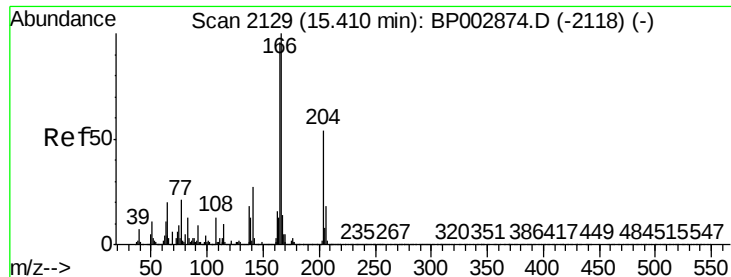


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

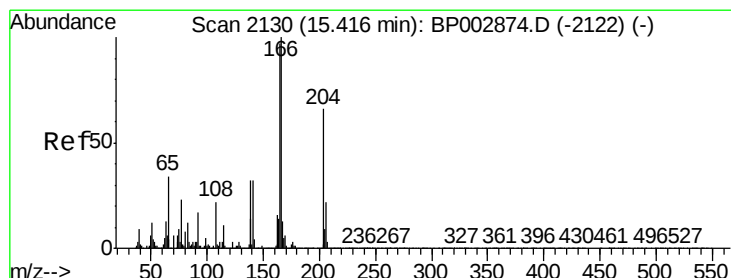
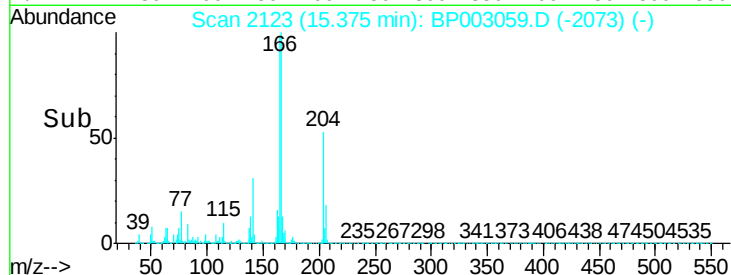
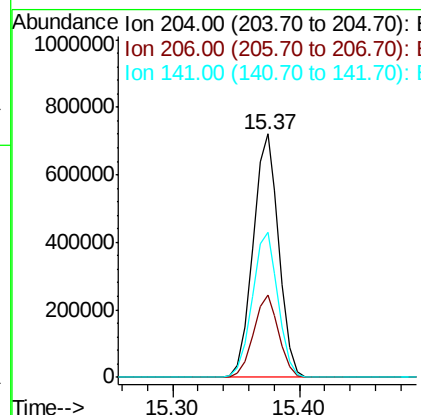
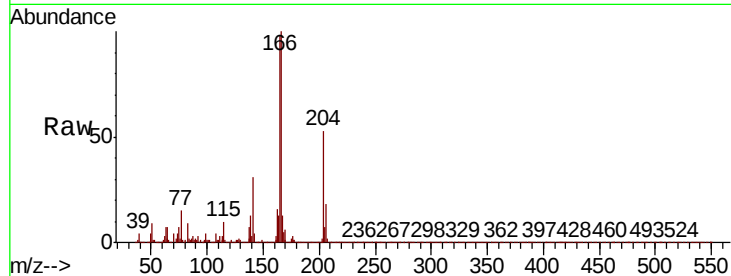




#61
4-Chlorophenyl-phenylether
Concen: 32.007 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

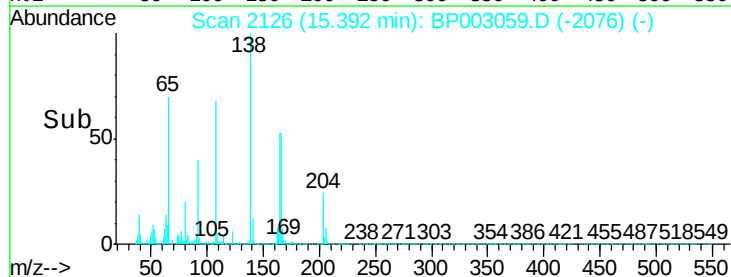
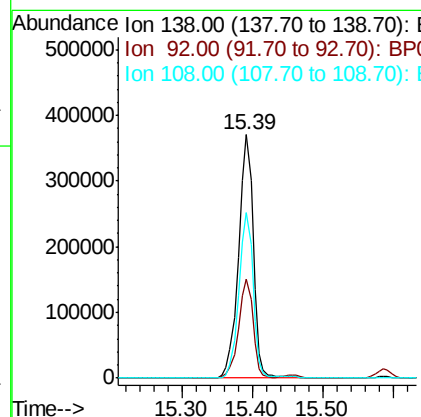
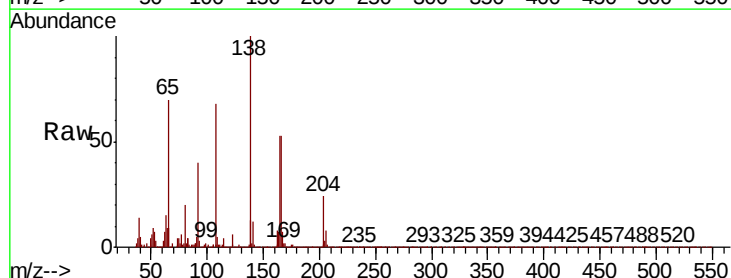
Instrument :
BNA_P
ClientSampleId :
PB131060BS

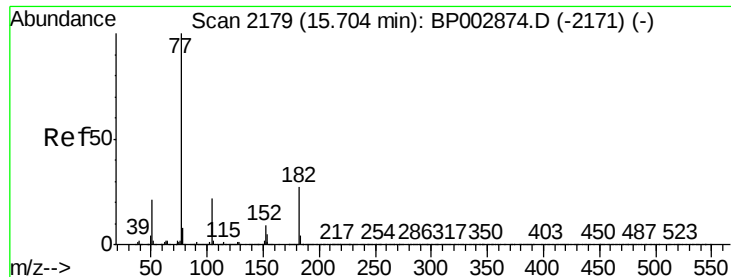
Tot Ion:204 Resp: 1011989
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 59.4 45.9 68.9



#62
4-Nitroaniline
Concen: 38.422 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:138 Resp: 539445
Ion Ratio Lower Upper
138 100
92 40.5 21.4 61.4
108 68.2 40.8 80.8

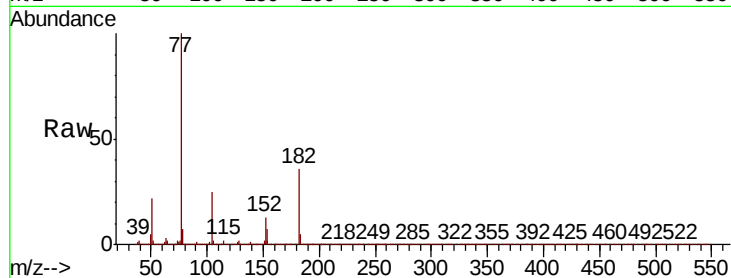




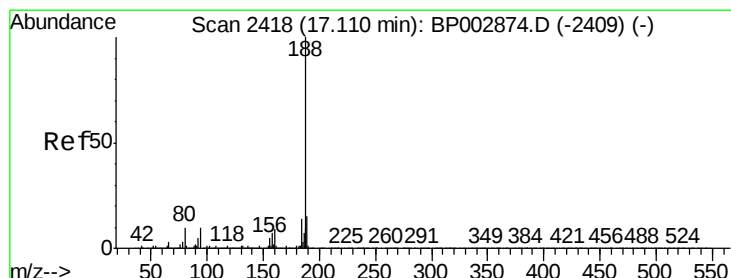
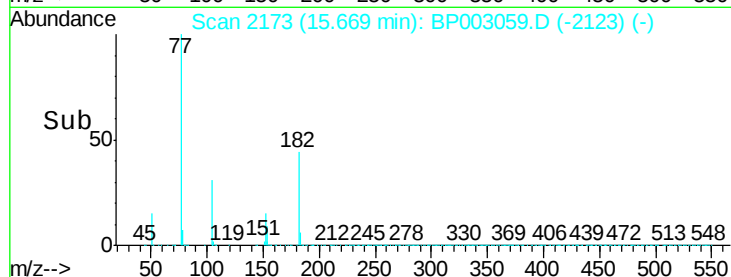
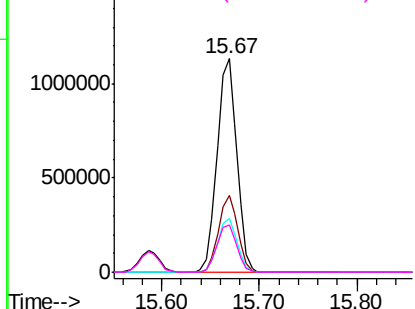
#63
Azobenzene
Concen: 26.203 ng
RT: 15.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Instrument :
BNA_P
ClientSampleId :
PB131060BS

Tot Ion: 77 Resp: 1580472
Ion Ratio Lower Upper
77 100
182 36.2 15.4 55.4
105 25.1 5.8 45.8
51 22.4 1.0 41.0

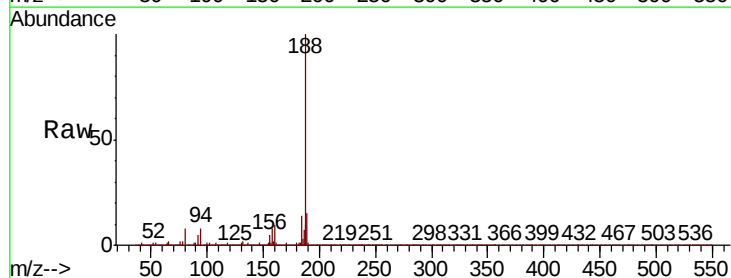


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

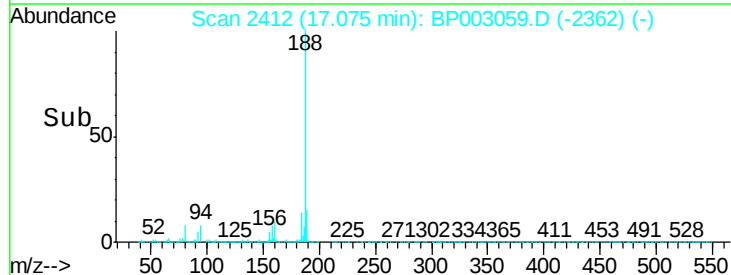
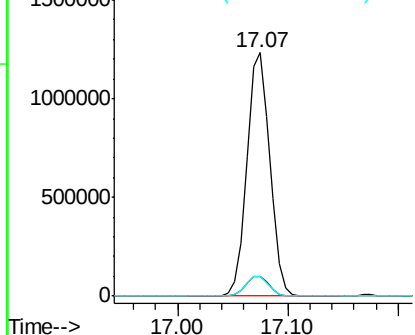


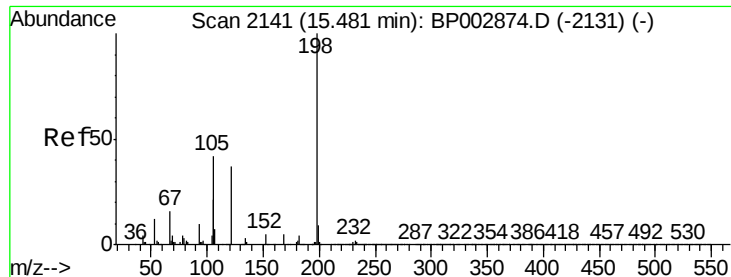
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion: 188 Resp: 1792795
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 8.3 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

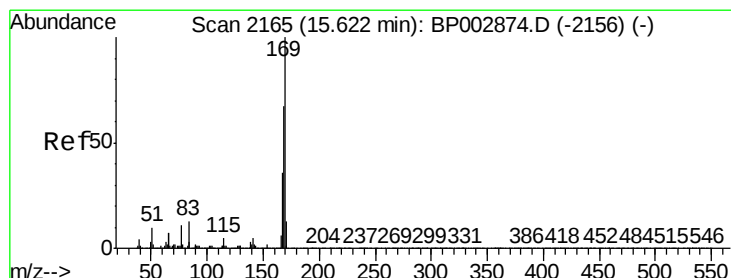
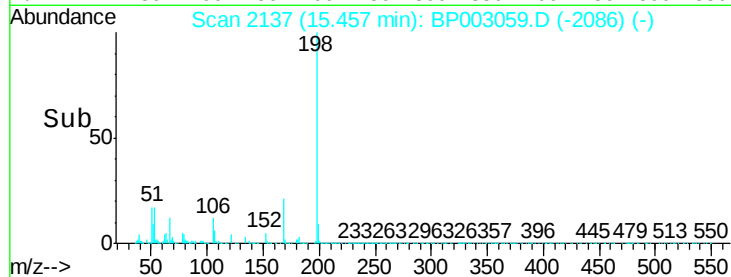
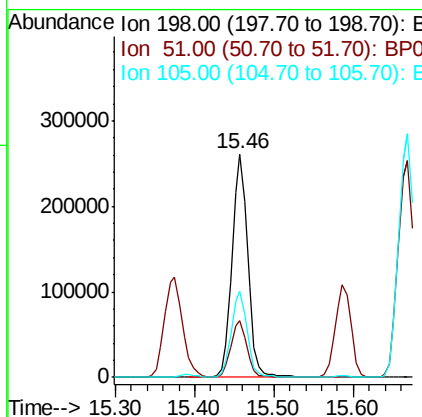
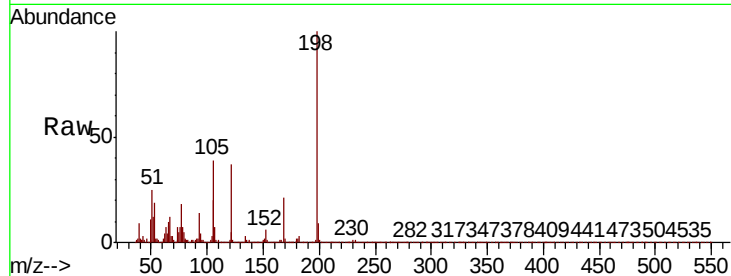




#65
4,6-Dinitro-2-methylphenol
Concen: 39.866 ng
RT: 15.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

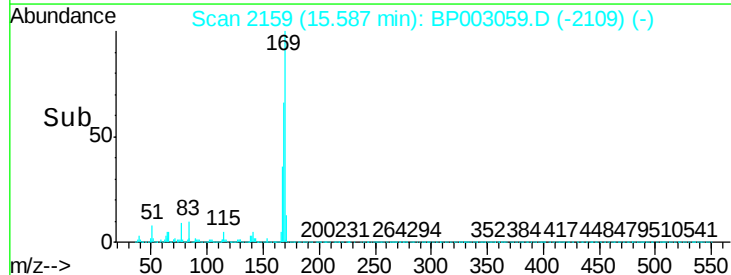
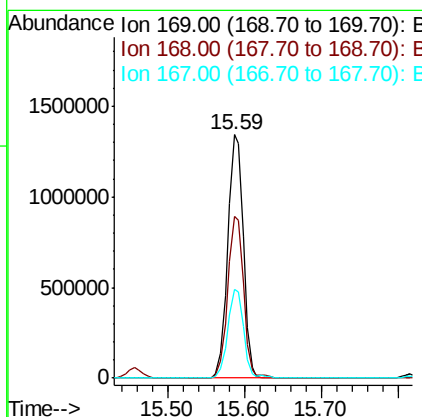
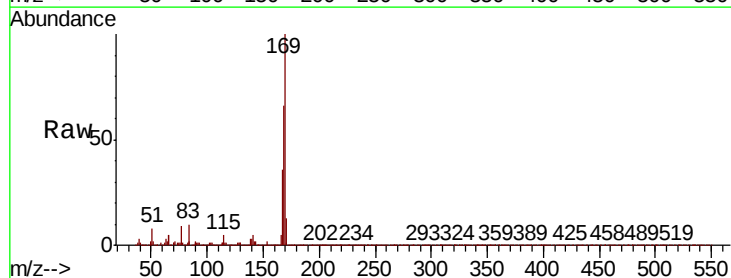
Instrument :
BNA_P
ClientSampleId :
PB131060BS

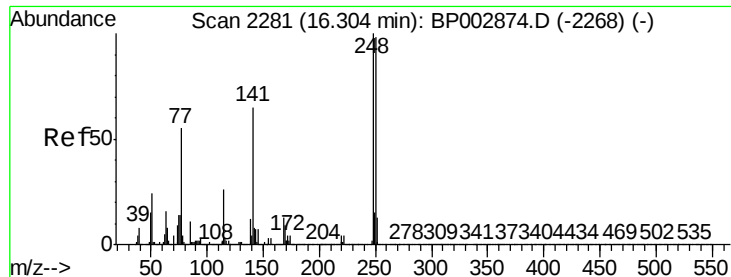
Tot Ion:198 Resp: 359640
Ion Ratio Lower Upper
198 100
51 25.3 6.2 46.2
105 38.6 19.9 59.9



#66
n-Nitrosodiphenylamine
Concen: 31.897 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:169 Resp: 1893915
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.2 28.8 43.2

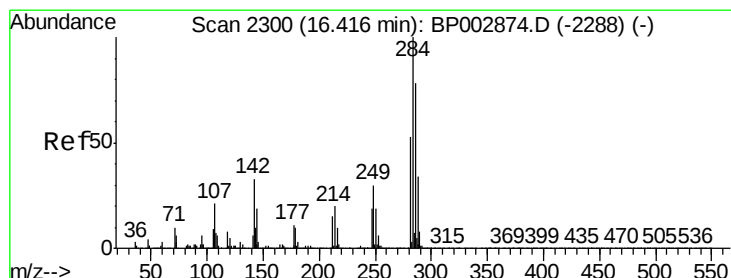
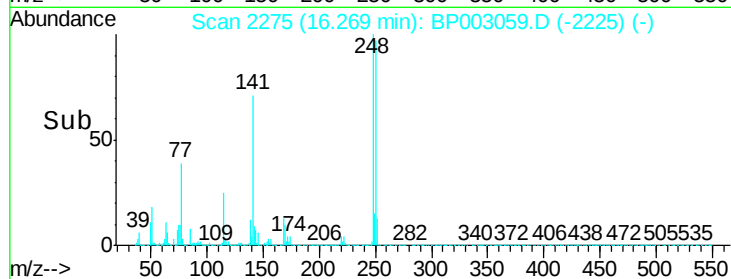
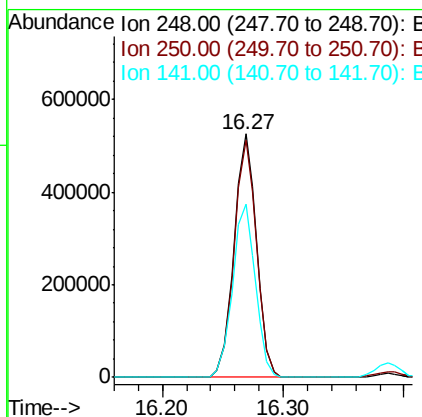
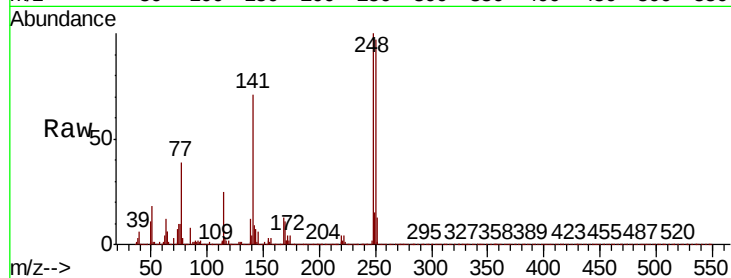




#67
4-Bromophenyl-phenylether
Concen: 31.216 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

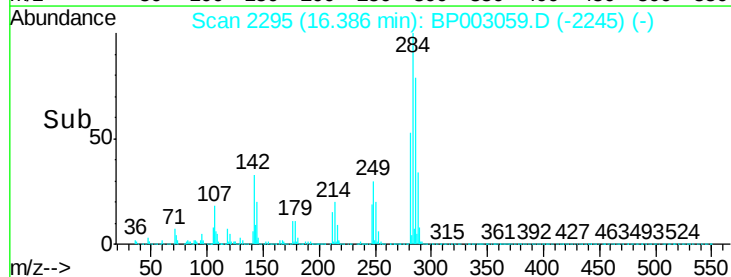
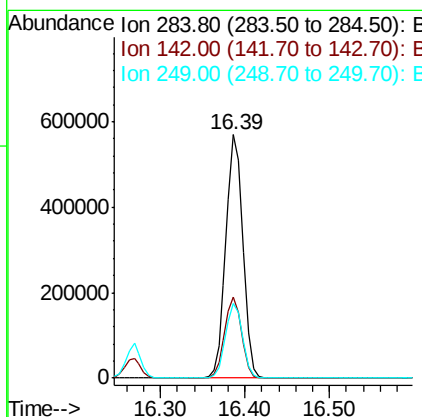
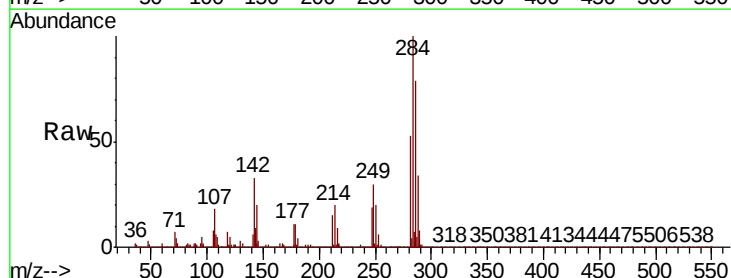
Instrument :
BNA_P
ClientSampleId :
PB131060BS

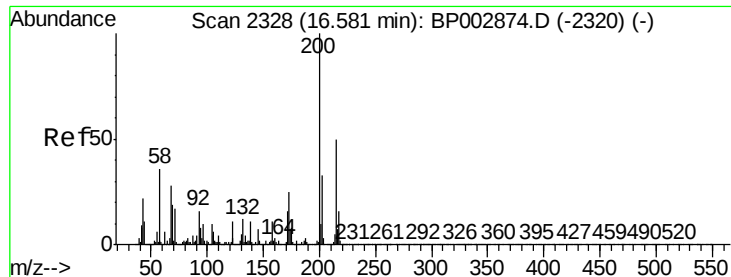
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.7	118.1
141	71.2	57.8	86.6



#68
Hexachlorobenzene
Concen: 31.403 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.6	41.4
249	30.5	24.6	37.0

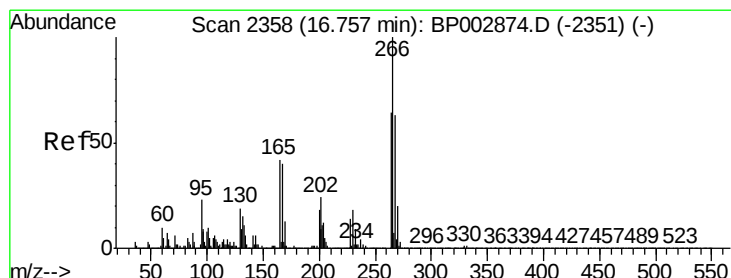
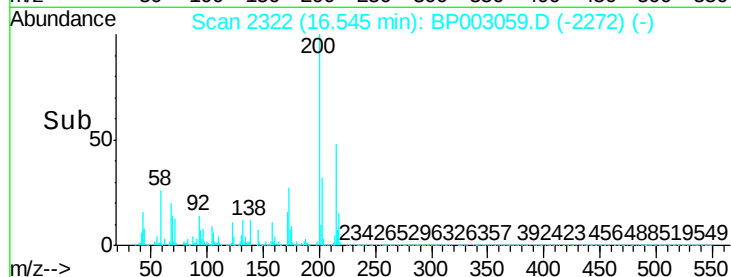
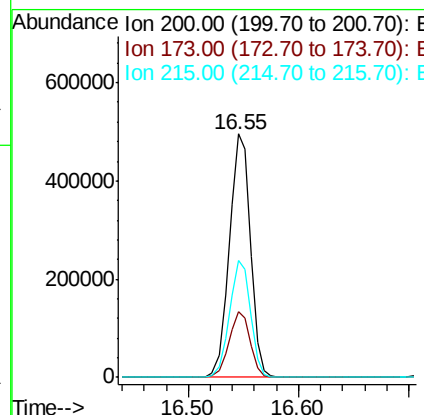
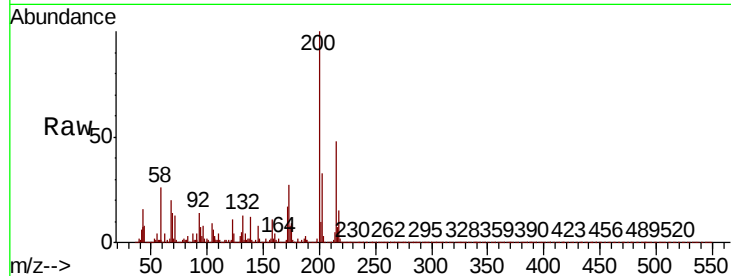




#69
Atrazine
Concen: 32.886 ng
RT: 16.55 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

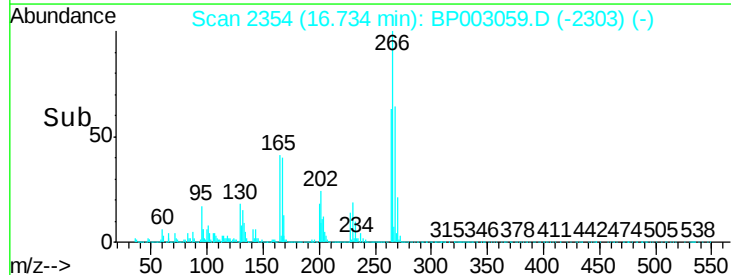
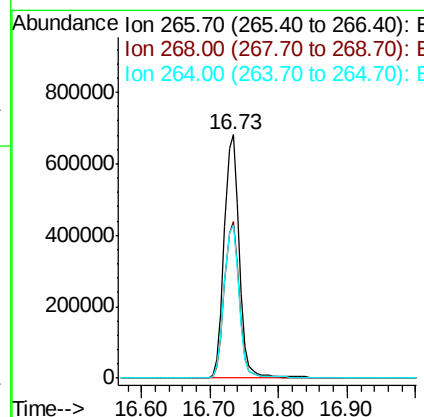
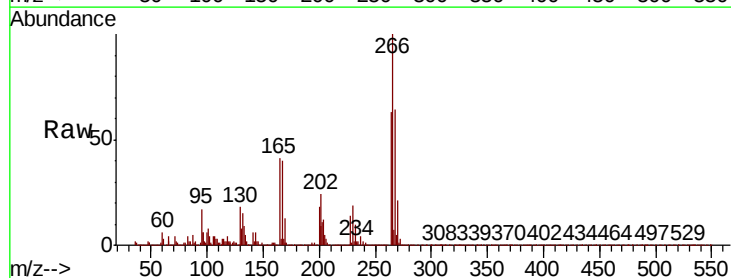
Instrument :
BNA_P
ClientSampleId :
PB131060BS

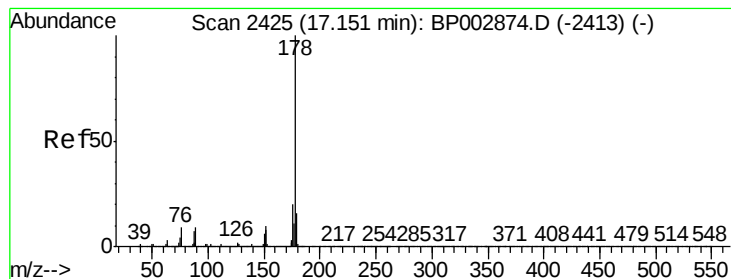
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.5	47.5
215	47.9	27.6	67.6



#70
Pentachlorophenol
Concen: 79.489 ng
RT: 16.73 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.9	76.3
264	62.8	50.4	75.6





#71

Phenanthrene

Concen: 35.299 ng

RT: 17.12 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

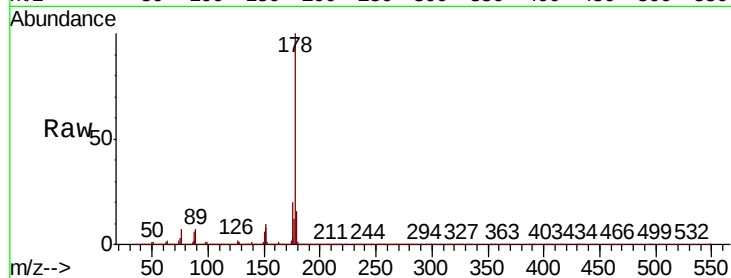
BNA_P

ClientSampleId :

PB131060BS

Tot Ion:178 Resp: 3710976

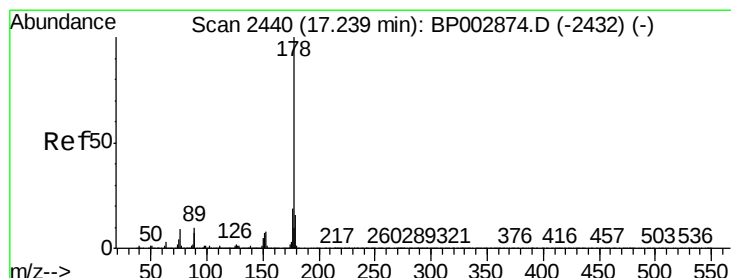
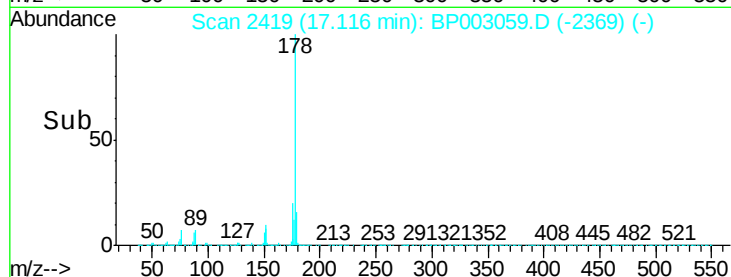
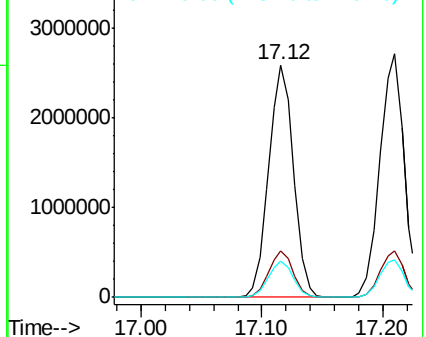
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.908 ng

RT: 17.21 min Scan# 2435

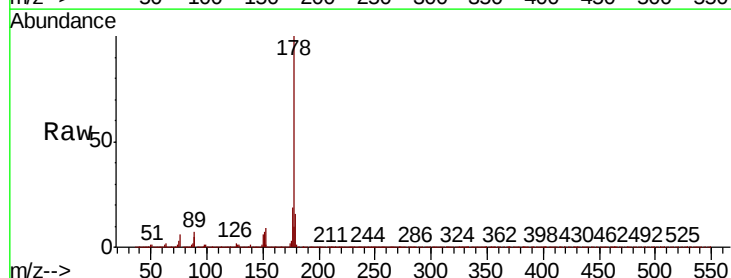
Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Tgt Ion:178 Resp: 3792327

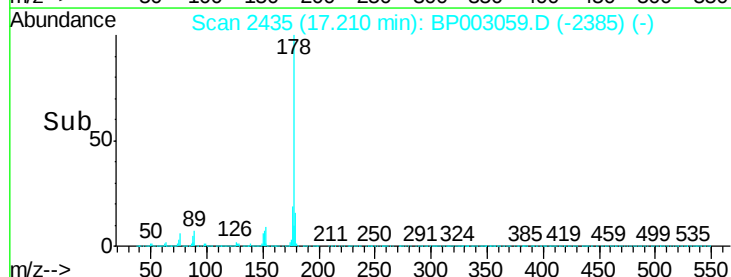
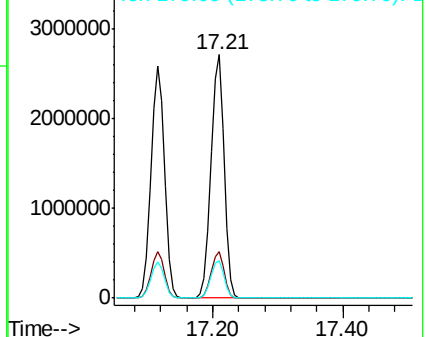
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.6	12.7	19.1

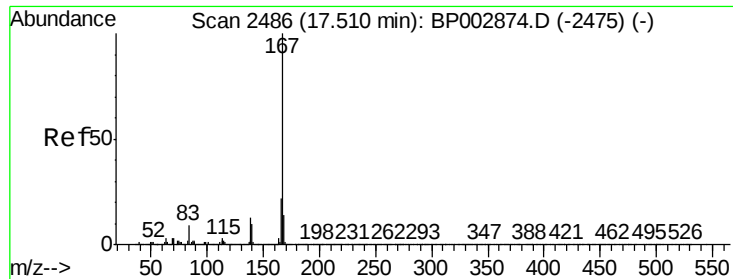


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

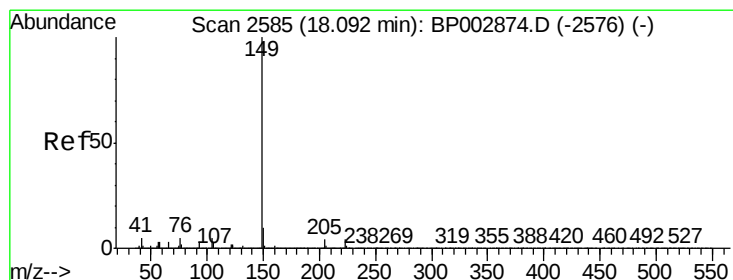
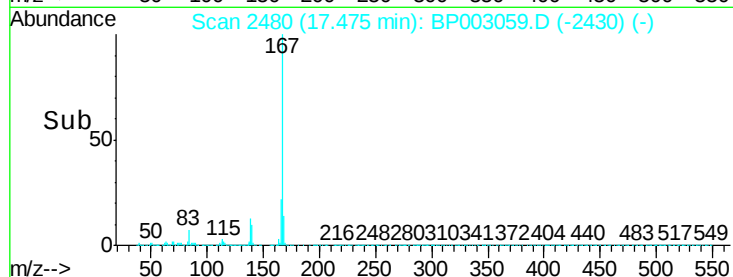
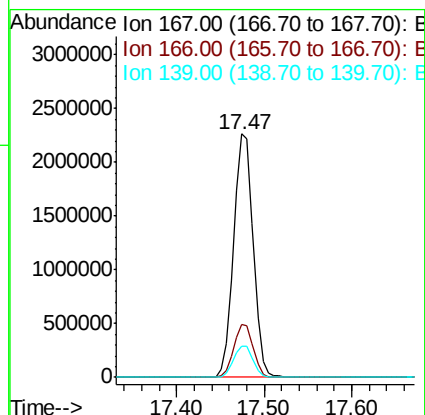
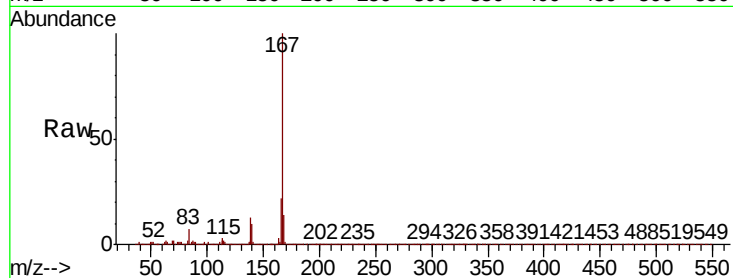




#73
 Carbazole
 Concen: 34.246 ng
 RT: 17.47 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

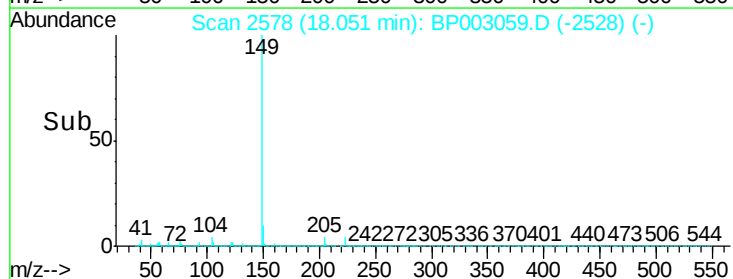
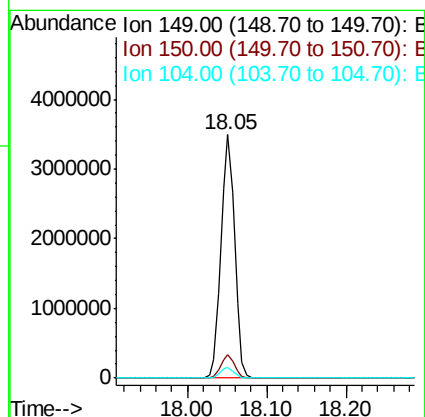
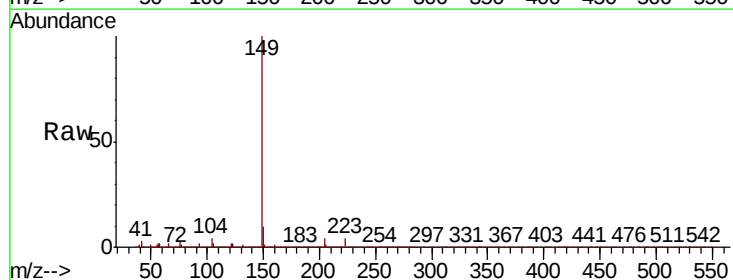
Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

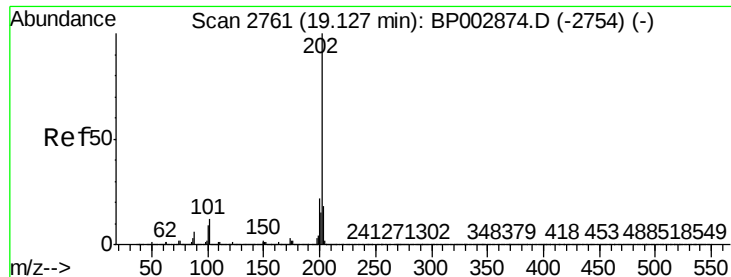
Tot Ion:167 Resp: 3436334
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.361 ng
 RT: 18.05 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Tgt Ion:149 Resp: 4154839
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 34.401 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

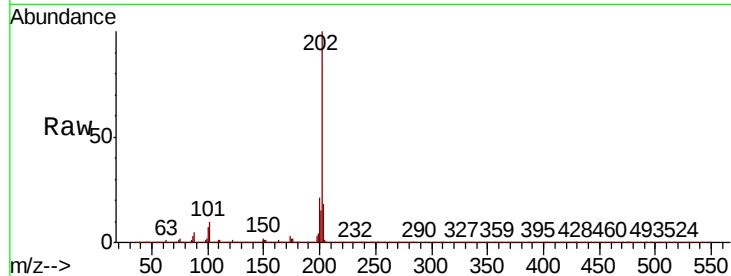
BNA_P

ClientSampleId :

PB131060BS

Tot Ion:202 Resp: 4166750

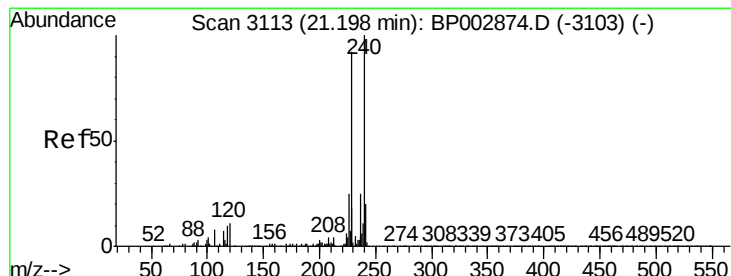
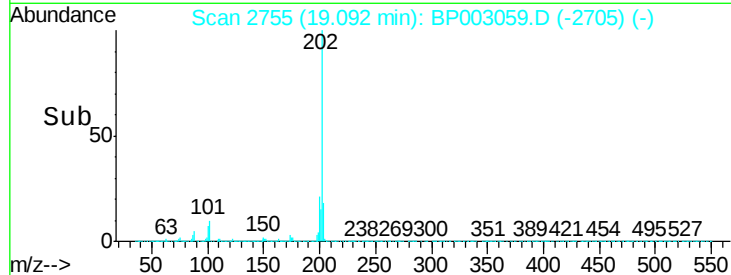
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.2
203	18.2	0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3108

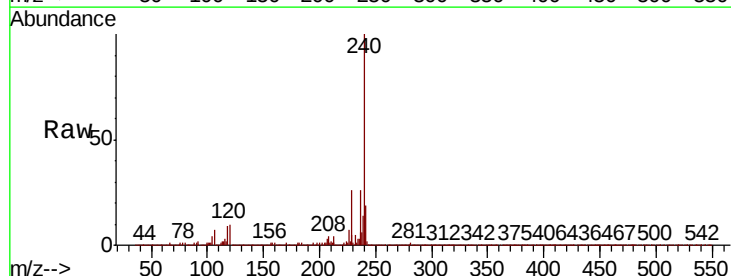
Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Tgt Ion:240 Resp: 1422305

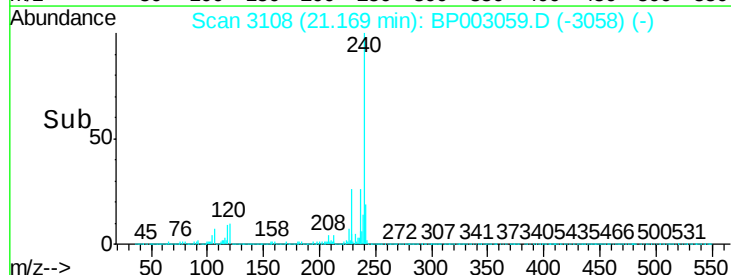
Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.0	20.8	31.2

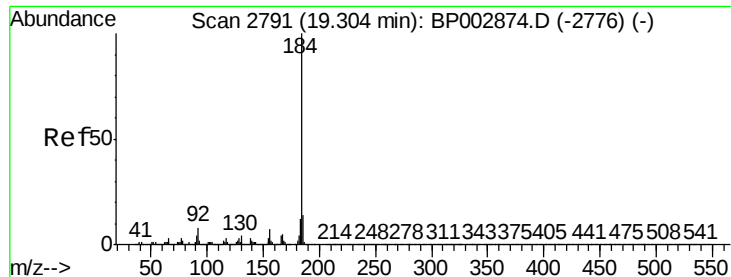


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.169 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

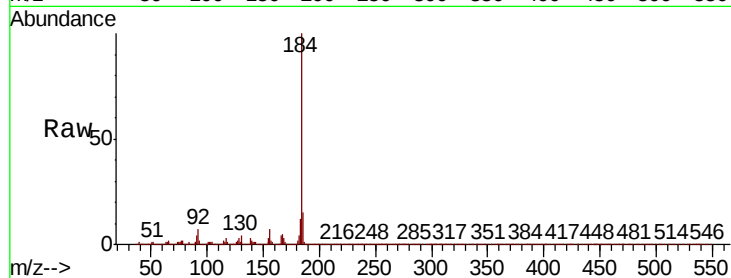
BNA_P

ClientSampleId :

PB131060BS

Tot Ion:184 Resp: 2913207

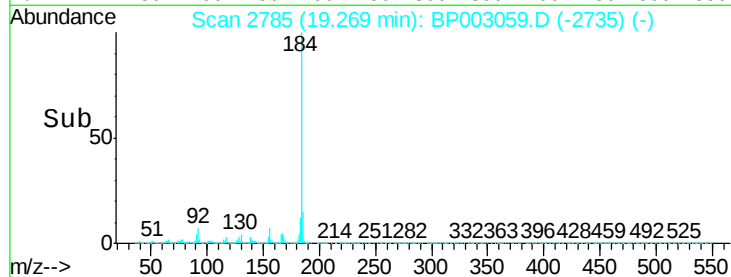
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.5	17.3
183	12.0	9.4	14.0



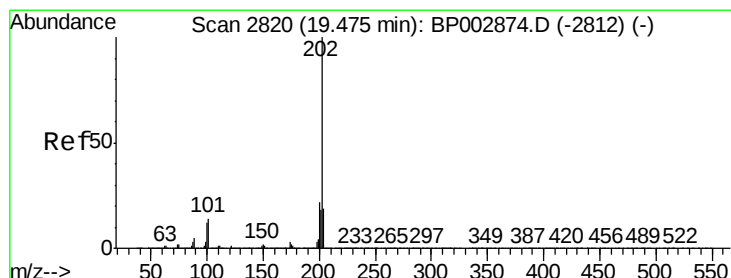
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 41.803 ng

RT: 19.45 min Scan# 2815

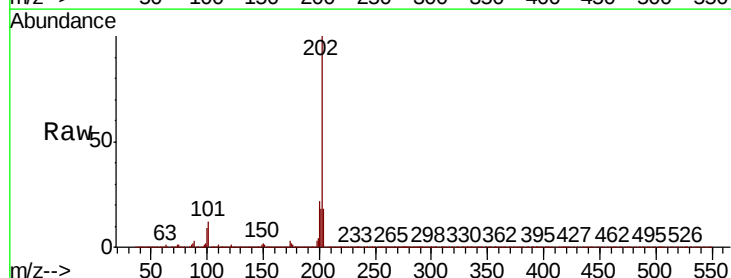
Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Tgt Ion:202 Resp: 4156480

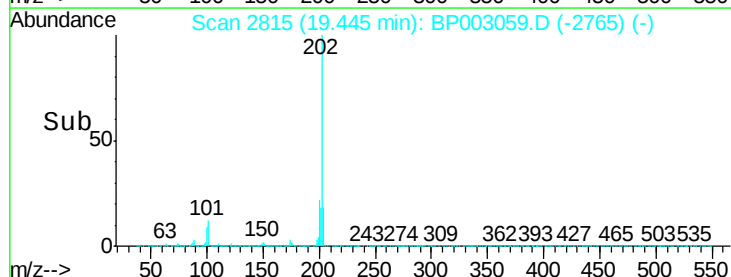
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	18.0	14.6	22.0



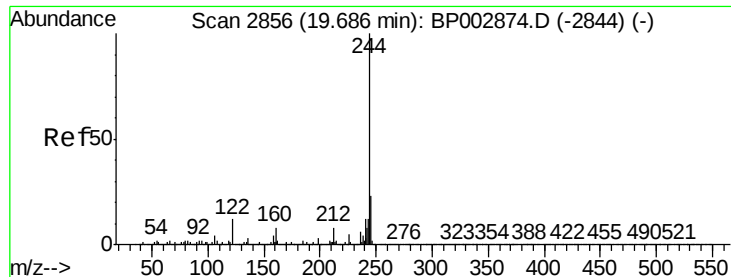
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 68.145 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

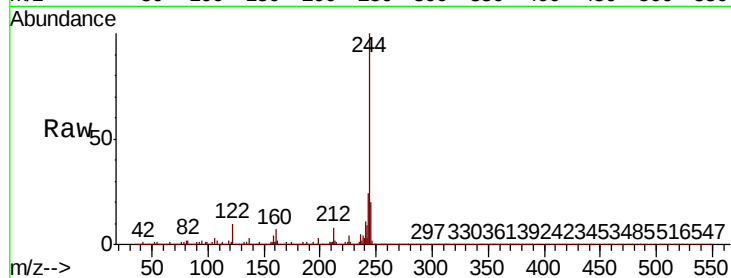
Tot Ion:244 Resp: 4841432

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

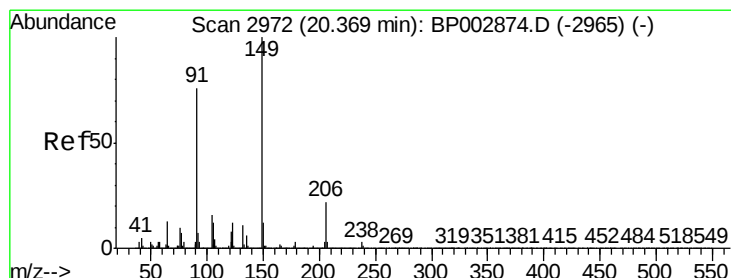
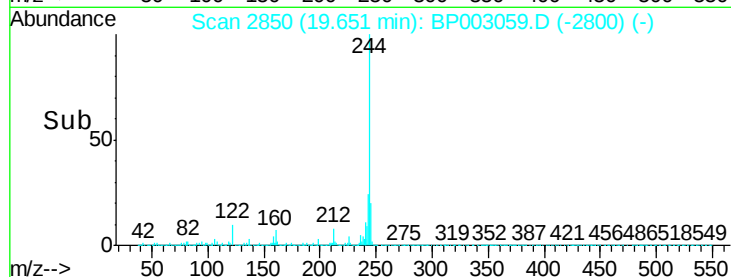
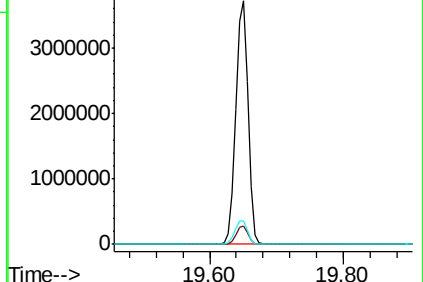
122 9.6 8.7 13.1



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: 44.256 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

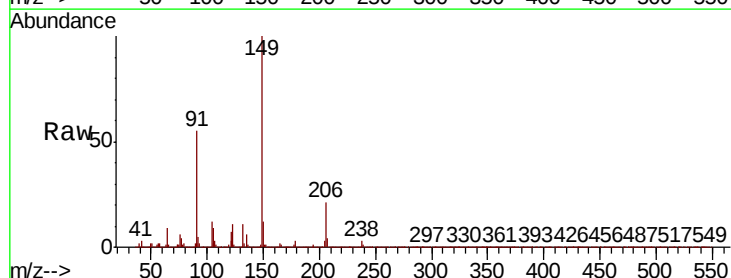
Tgt Ion:149 Resp: 1777198

Ion Ratio Lower Upper

149 100

91 55.4 45.3 67.9

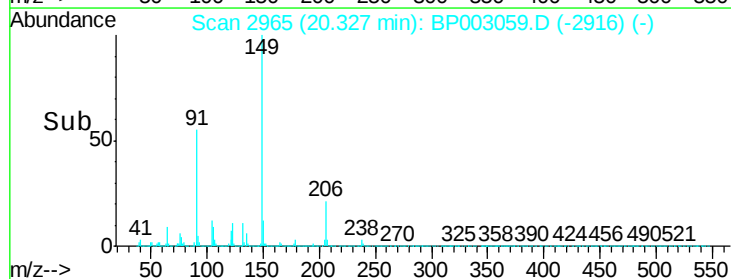
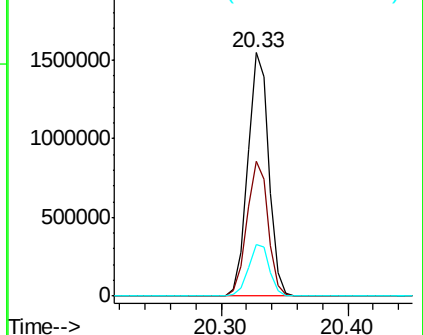
206 21.4 17.5 26.3

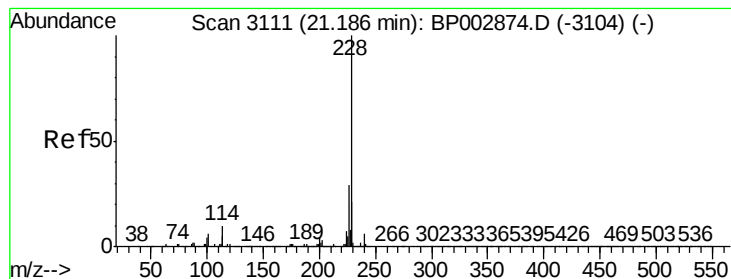


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.985 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

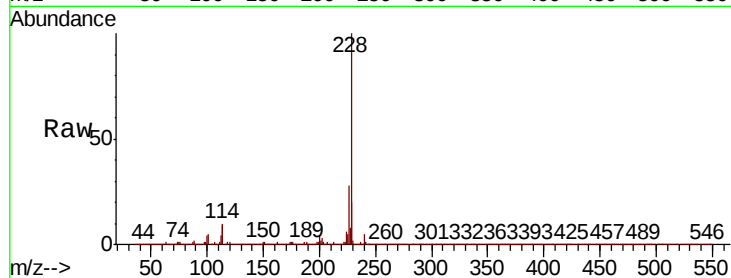
BNA_P

ClientSampleId :

PB131060BS

Tot Ion:228 Resp: 3583119

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.4	16.5	24.7

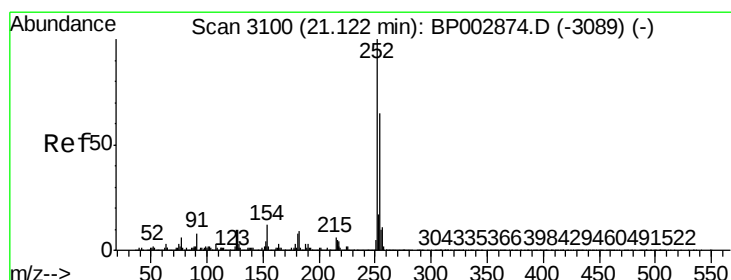
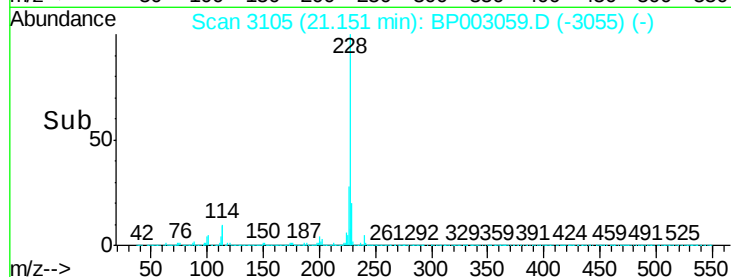
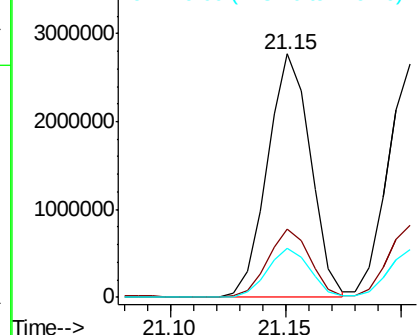


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.641 ng

RT: 21.09 min Scan# 3094

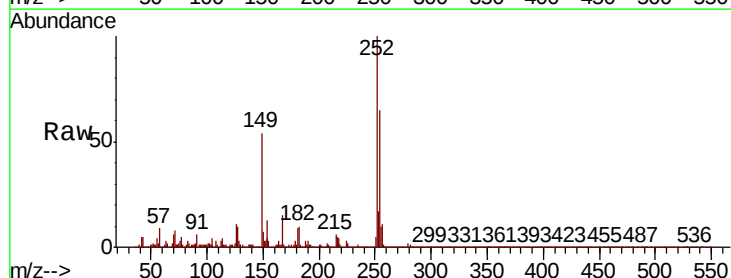
Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Tgt Ion:252 Resp: 1289988

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	10.5	9.4	14.0

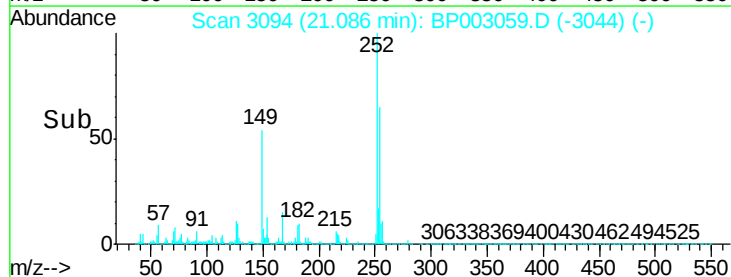
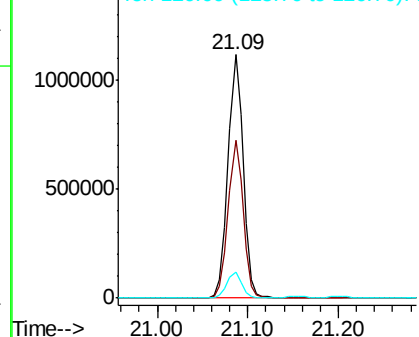


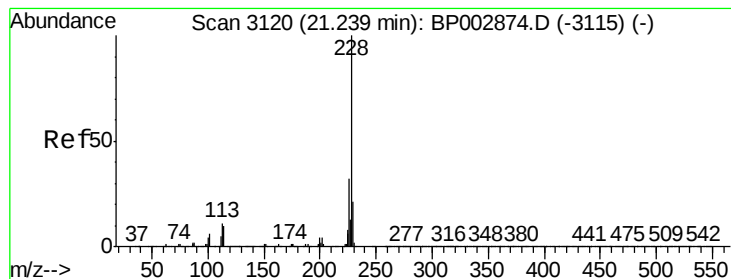
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.903 ng

RT: 21.20 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

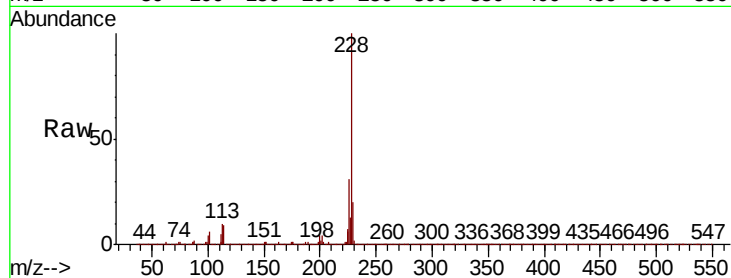
BNA_P

ClientSampleId :

PB131060BS

Tot Ion:228 Resp: 3372526

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.4	16.3	24.5

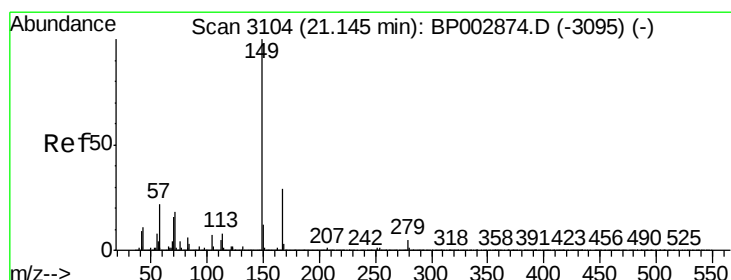
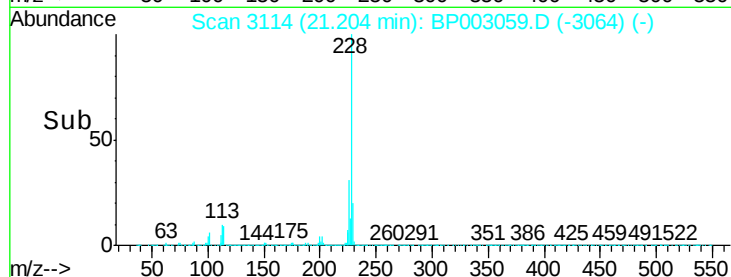
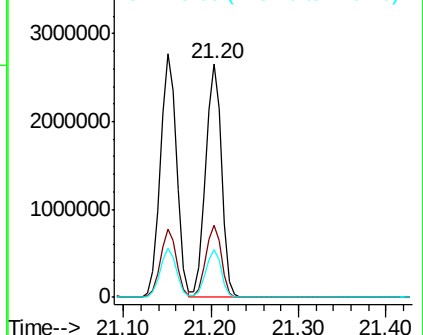


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.711 ng

RT: 21.10 min Scan# 3096

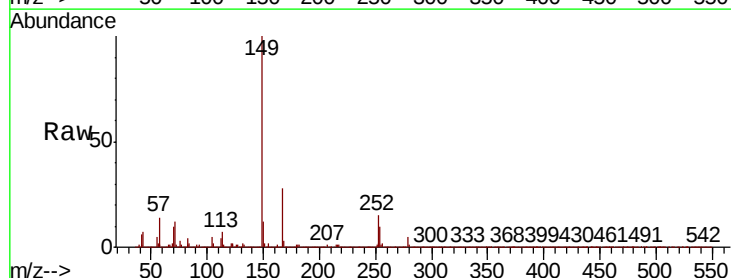
Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Tgt Ion:149 Resp: 2460337

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	5.0	3.8	5.8

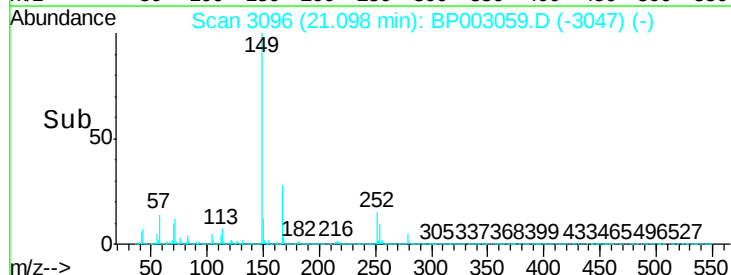
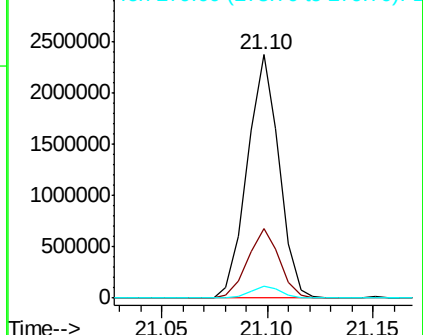


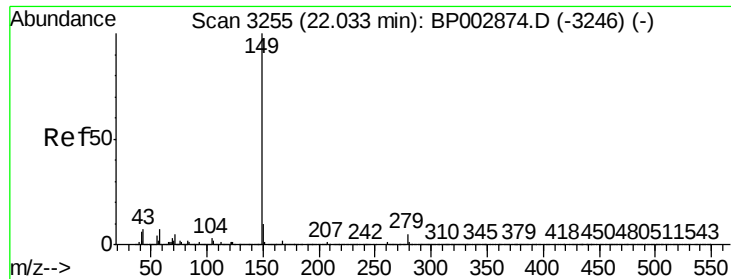
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

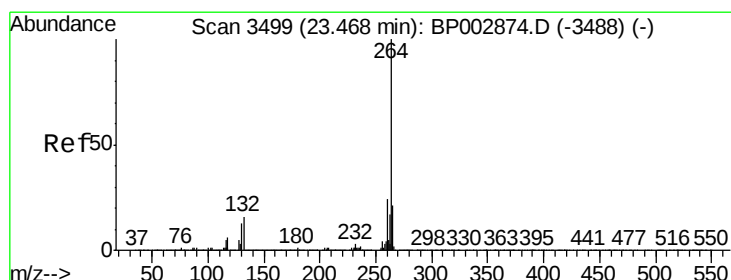
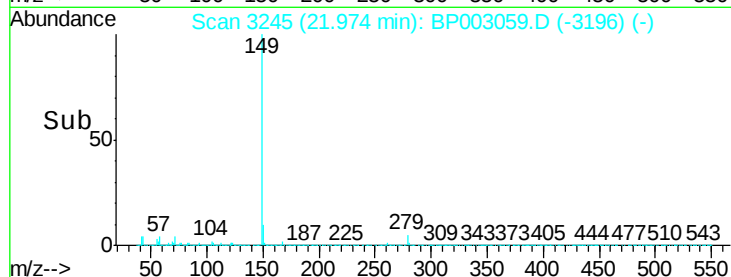
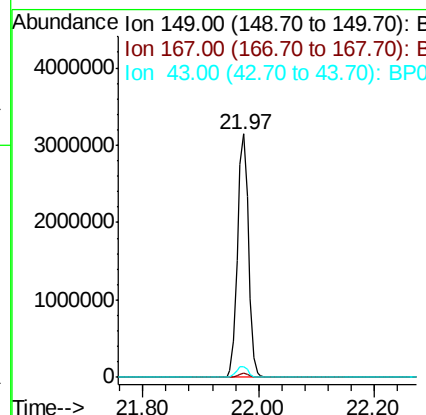
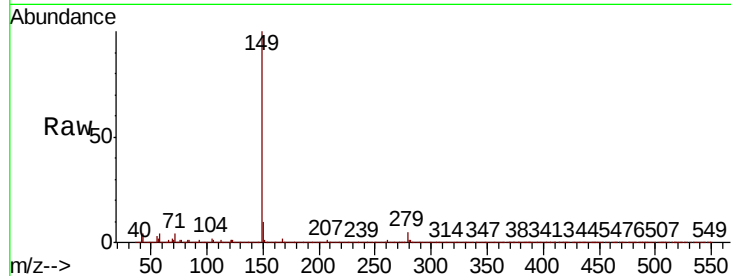




#85
Di-n-octyl phthalate
Concen: 45.653 ng
RT: 21.97 min Scan# 3245
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

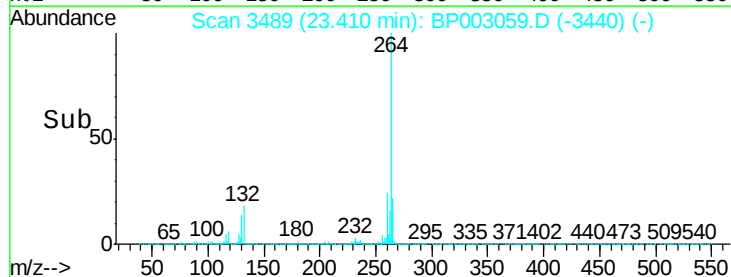
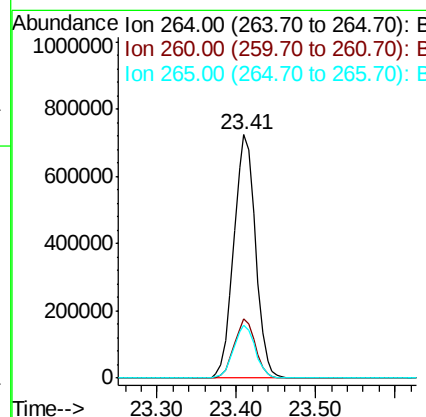
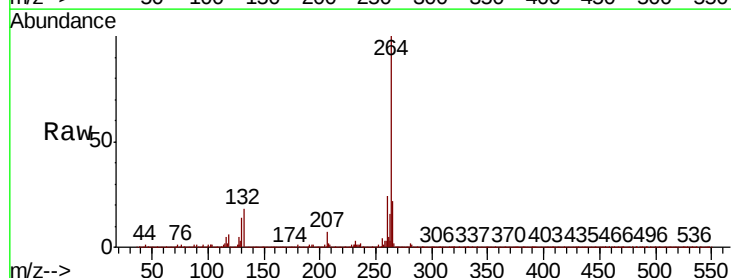
Instrument :
BNA_P
ClientSampleId :
PB131060BS

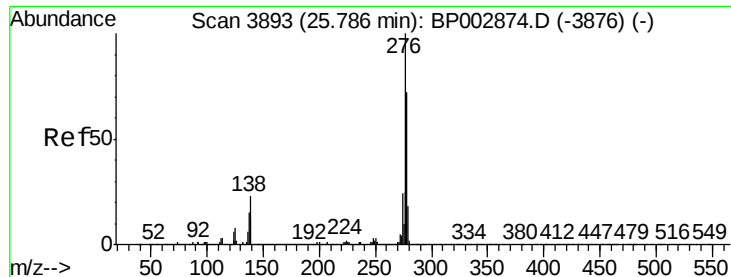
Tot Ion:149 Resp: 4126906
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 4.6 4.0 6.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:264 Resp: 1367082
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.0 17.3 25.9



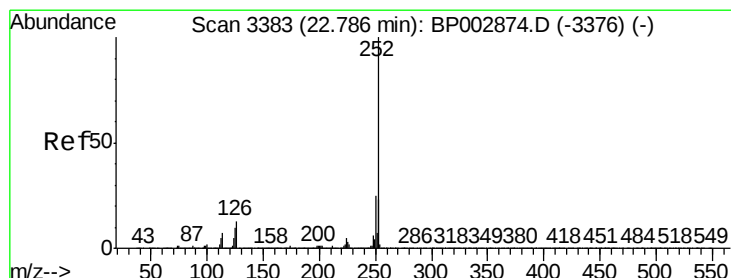
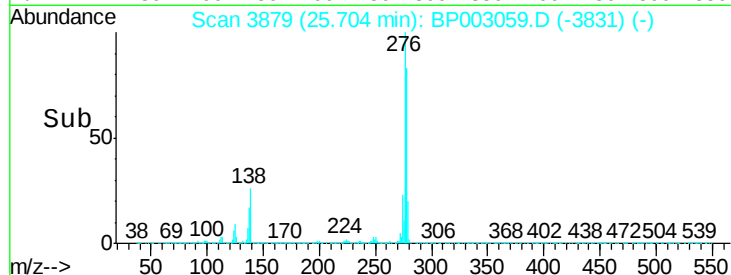
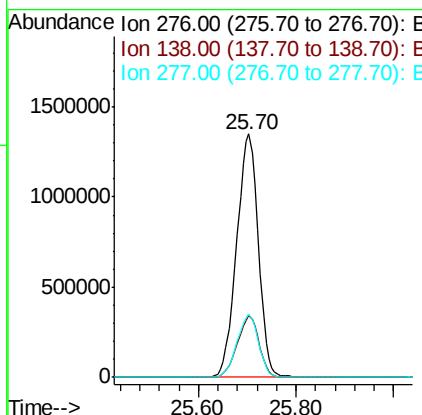
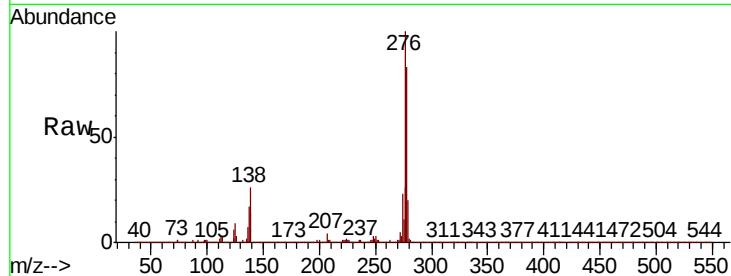


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.915 ng
 RT: 25.70 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Instrument :
 BNA_P
 ClientSampleId :
 PB131060BS

Tot Ion:276 Resp: 4151108

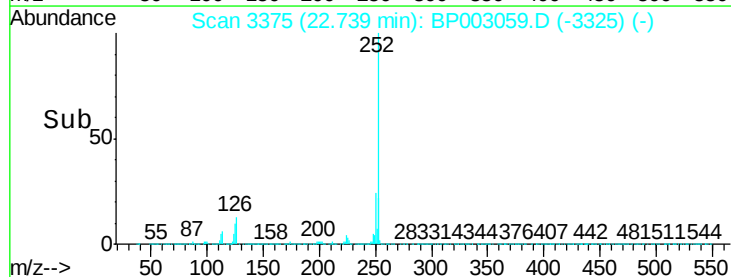
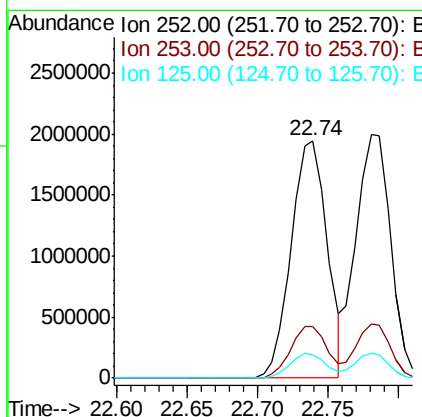
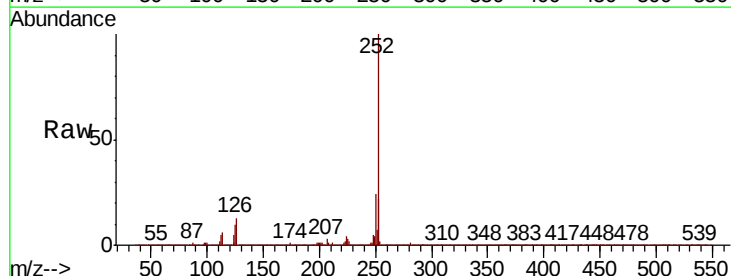
Ion	Ratio	Lower	Upper
276	100		
138	25.5	22.2	33.2
277	25.6	20.4	30.6

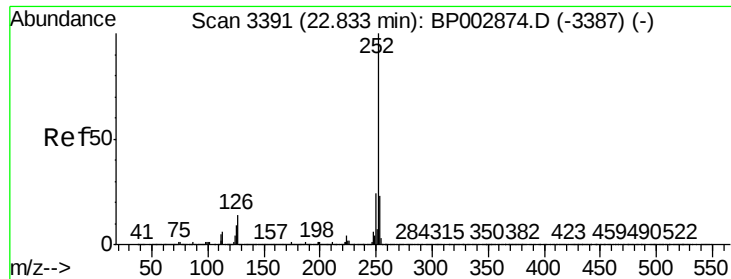


#88
 Benzo(b)fluoranthene
 Concen: 35.696 ng
 RT: 22.74 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BP003059.D
 Acq: 20 Aug 2020 11:18

Tgt Ion:252 Resp: 3443692

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.0	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 37.699 ng

RT: 22.78 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

Instrument :

BNA_P

ClientSampleId :

PB131060BS

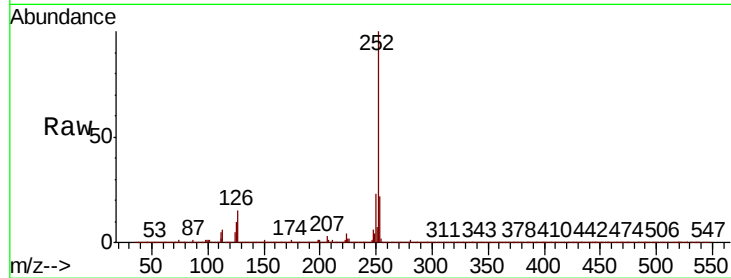
Tot Ion:252 Resp: 3437532

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

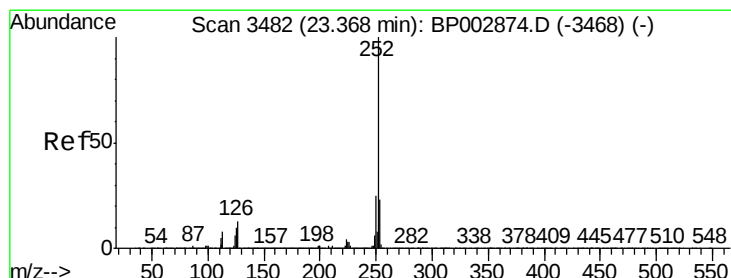
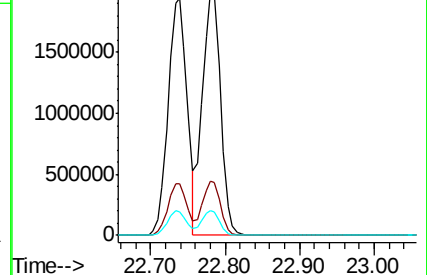
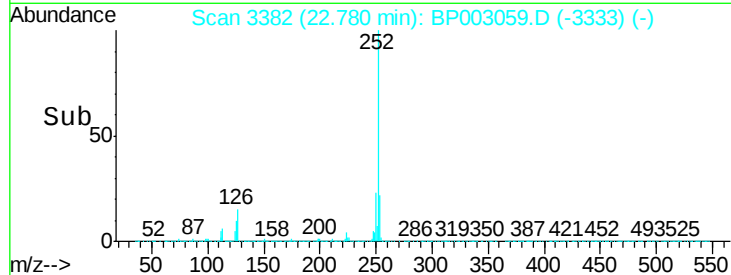
125 10.3 9.3 13.9



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



#90

Benzo(a)pyrene

Concen: 36.326 ng

RT: 23.32 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BP003059.D

Acq: 20 Aug 2020 11:18

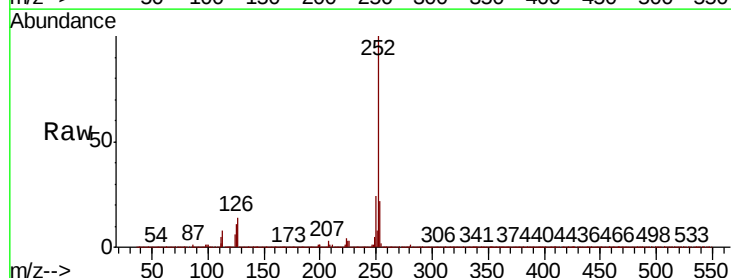
Tgt Ion:252 Resp: 3166522

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

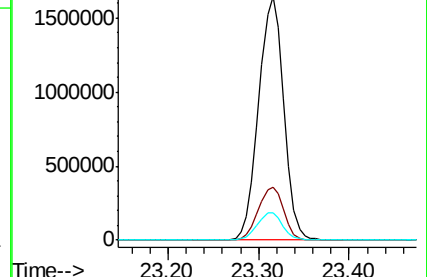
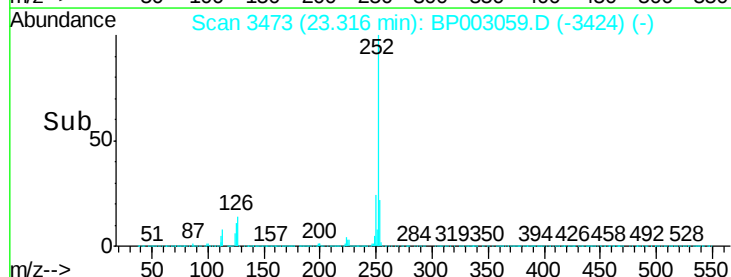
125 11.2 9.9 14.9



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

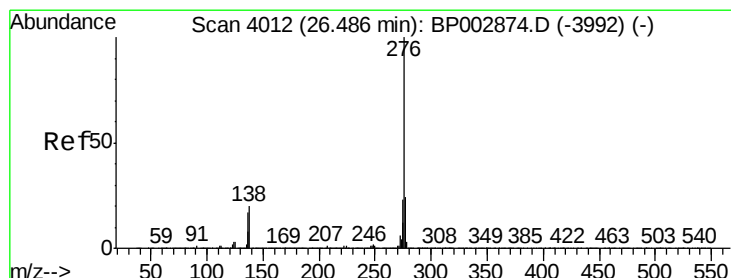
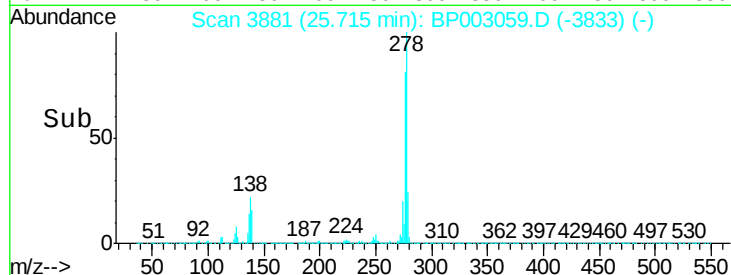
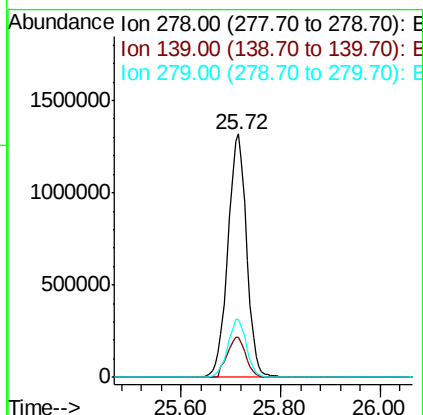
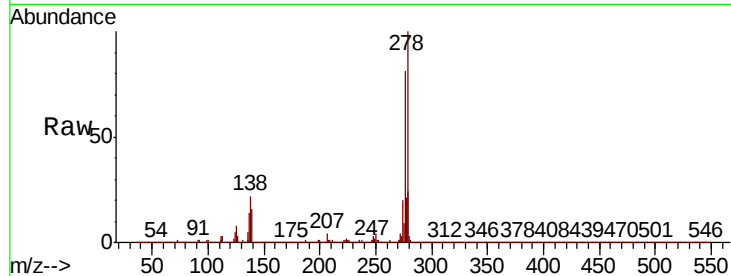




#91
Dibenzo(a,h)anthracene
Concen: 36.985 ng
RT: 25.72 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Instrument :
BNA_P
ClientSampleId :
PB131060BS

Tot Ion:278 Resp: 3446411
Ion Ratio Lower Upper
278 100
139 16.3 14.2 21.4
279 24.0 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 40.240 ng
RT: 26.40 min Scan# 3997
Delta R.T. -0.02 min
Lab File: BP003059.D
Acq: 20 Aug 2020 11:18

Tgt Ion:276 Resp: 3625955
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 22.5 19.3 28.9

