

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003034.D
 Acq On : 19 Aug 2020 12:36
 Operator : CG/JU
 Sample : PB131046BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131046BSD

Quant Time: Aug 19 14:34:28 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	7.69	152	321035	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1243253	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	608716	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1230373	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1295617	20.00	ng	0.00
86) Perylene-d12	23.42	264	1283203	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2436288	116.15	ng	0.00
7) Phenol-d6	6.87	99	2819718	96.82	ng	0.00
23) Nitrobenzene-d5	8.83	82	1544818	67.30	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1006388	133.02	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3721153	83.52	ng	0.00
79) Terphenyl-d14	19.65	244	5513688	85.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	272829	30.301	ng	99
3) Pyridine	3.62	79	693975	27.664	ng	99
4) n-Nitrosodimethylamine	3.53	42	218699	29.678	ng	95
6) Aniline	7.01	93	1025220	30.344	ng	100
8) 2-Chlorophenol	7.25	128	962426	43.033	ng	99
9) Benzaldehyde	6.82	77	207275	13.368	ng	99
10) Phenol	6.89	94	1000405	34.109	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	781365	34.636	ng	98
12) 1,3-Dichlorobenzene	7.58	146	1068393	42.325	ng	99
13) 1,4-Dichlorobenzene	7.72	146	1079912	42.324	ng	100
14) 1,2-Dichlorobenzene	8.03	146	1014371	41.688	ng	99
15) Benzyl Alcohol	7.92	79	599340	31.191	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	627701	29.617	ng	99
17) 2-Methylphenol	8.13	107	705699	37.653	ng	98
18) Hexachloroethane	8.76	117	358102	40.238	ng	95
19) n-Nitroso-di-n-propylamine	8.49	70	464305	27.670	ng	99
20) 3+4-Methylphenols	8.46	107	938871	37.169	ng	99
22) Acetophenone	8.50	105	1153006	32.870	ng	# 98
24) Nitrobenzene	8.87	77	773784	31.050	ng	100
25) Isophorone	9.40	82	1406890	28.530	ng	99
26) 2-Nitrophenol	9.58	139	492828	47.437	ng	98
27) 2,4-Dimethylphenol	9.65	122	762478	38.826	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	973671	35.391	ng	99
29) 2,4-Dichlorophenol	10.12	162	830977	40.205	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	951836	39.395	ng	99
31) Naphthalene	10.52	128	2789254	39.192	ng	99
32) Benzoic acid	9.80	122	478731	42.499	ng	98
33) 4-Chloroaniline	10.62	127	891157	30.215	ng	99
34) Hexachlorobutadiene	10.82	225	535740	36.234	ng	98
35) Caprolactam	11.38	113	238693	37.324	ng	96
36) 4-Chloro-3-methylphenol	11.76	107	783919	36.487	ng	99
37) 2-Methylnaphthalene	12.13	142	1937526	38.272	ng	100
38) 1-Methylnaphthalene	12.35	142	1632548	34.258	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	798596	36.490	ng	99

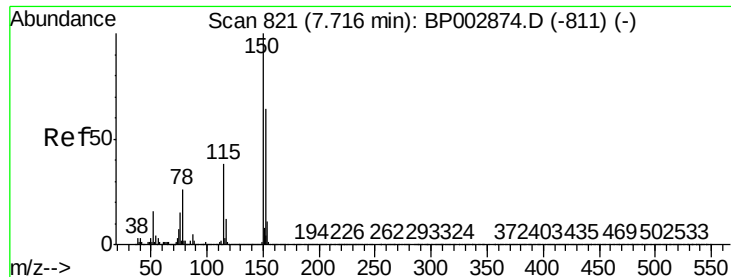
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	947355	83.442	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	560320	44.174	ng	97
44) 2,4,5-Trichlorophenol	12.82	196	600636	43.165	ng	99
46) 1,1'-Biphenyl	13.16	154	2075425	41.243	ng	99
47) 2-Chloronaphthalene	13.19	162	1639065	41.595	ng	99
48) 2-Nitroaniline	13.39	65	331991	34.954	ng	98
49) Acenaphthylene	14.04	152	2556985	41.376	ng	100
50) Dimethylphthalate	13.79	163	2012150	42.264	ng	100
51) 2,6-Dinitrotoluene	13.90	165	448663	42.180	ng	98
52) Acenaphthene	14.39	154	1553425	39.110	ng	99
53) 3-Nitroaniline	14.22	138	407928	37.004	ng	99
54) 2,4-Dinitrophenol	14.43	184	441932	95.957	ng	97
55) Dibenzofuran	14.73	168	2396492	39.335	ng	98
56) 4-Nitrophenol	14.55	139	787267	93.252	ng	96
57) 2,4-Dinitrotoluene	14.69	165	608566	43.421	ng	98
58) Fluorene	15.37	166	1832292	38.412	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	516485	44.485	ng	99
60) Diethylphthalate	15.16	149	1999564	42.981	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	912710	37.177	ng	97
62) 4-Nitroaniline	15.39	138	468896	42.722	ng	96
63) Azobenzene	15.67	77	1421006	30.341	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	317990	49.373	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1673181	41.061	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	597400	39.910	ng	98
68) Hexachlorobenzene	16.39	284	687204	39.692	ng	100
69) Atrazine	16.55	200	504750	36.562	ng	98
70) Pentachlorophenol	16.73	266	797886	88.870	ng	99
71) Phenanthrene	17.12	178	2958190	41.001	ng	98
72) Anthracene	17.21	178	3380454	47.939	ng	100
73) Carbazole	17.48	167	3178719	46.159	ng	99
74) Di-n-butylphthalate	18.05	149	3799152	52.444	ng	100
75) Fluoranthene	19.09	202	3827750	46.048	ng	100
77) Benzidine	19.27	184	1832349	46.379	ng	100
78) Pyrene	19.45	202	3851573	42.525	ng	99
80) Butylbenzylphthalate	20.33	149	1700885	46.342	ng	98
81) Benzo(a)anthracene	21.15	228	3586376	40.638	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1365356	39.088	ng	100
83) Chrysene	21.20	228	3417310	41.050	ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2494643	49.767	ng	99
85) Di-n-octyl phthalate	21.97	149	3901072	47.374	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4627238	45.026	ng	98
88) Benzo(b)fluoranthene	22.74	252	3720765	41.089	ng	99
89) Benzo(k)fluoranthene	22.79	252	3430790	40.085	ng	98
90) Benzo(a)pyrene	23.32	252	3378649	41.293	ng	99
91) Dibenzo(a,h)anthracene	25.72	278	3853795	44.061	ng	99
92) Benzo(g,h,i)perylene	26.40	276	3917309	46.315	ng	98

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

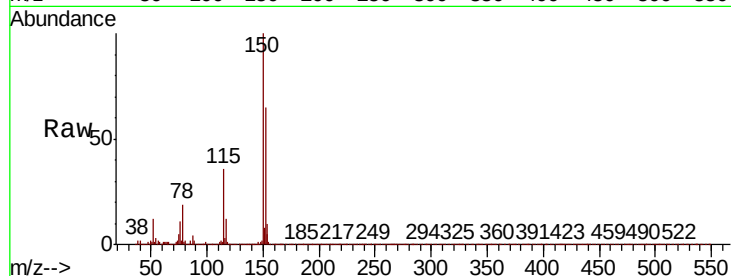


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Instrument :
BNA_P
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.1	189.1
115	55.5	43.4	65.2

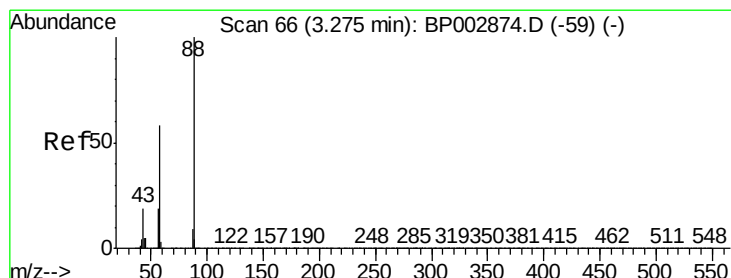
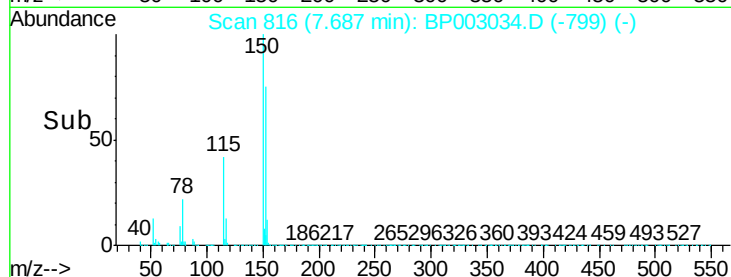
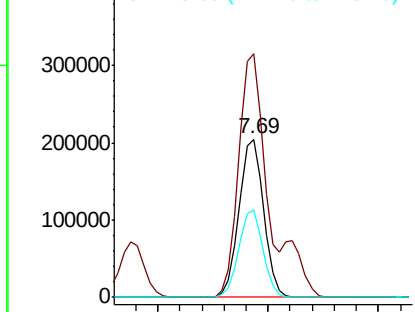


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

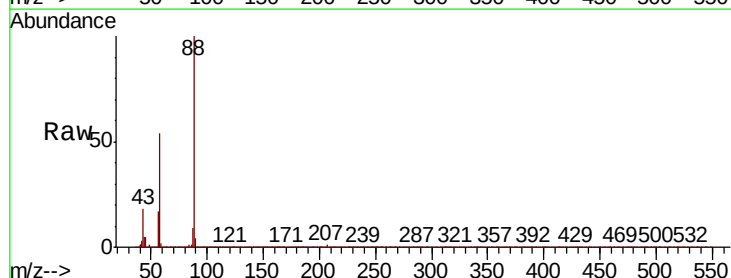
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.301 ng
RT: 3.24 min Scan# 60
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.8	44.5	66.7
43	17.8	14.5	21.7

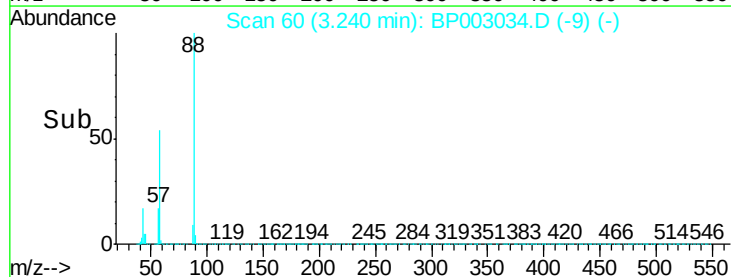
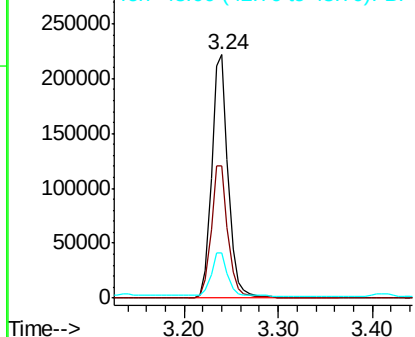


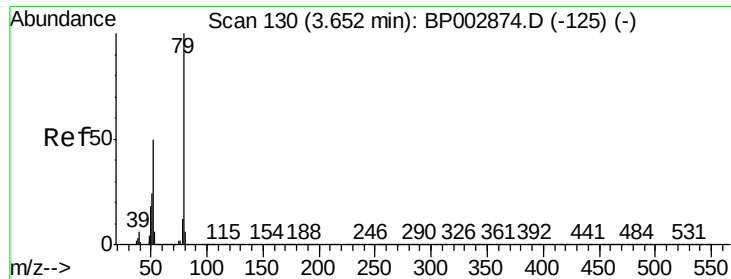
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

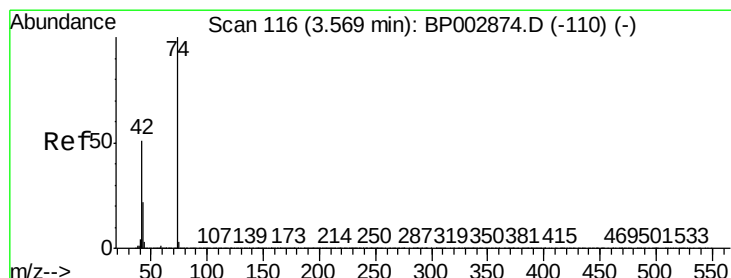
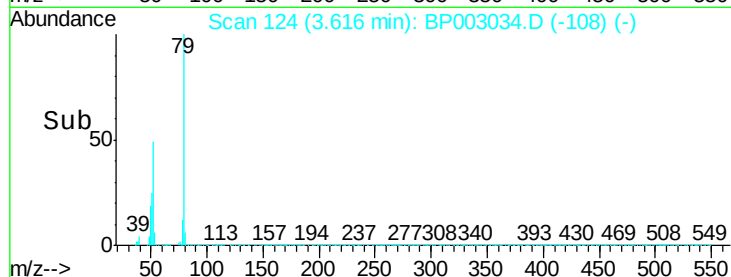
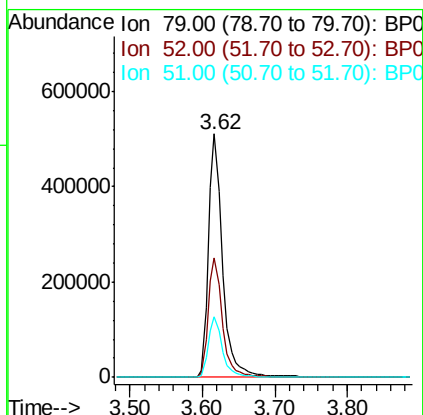
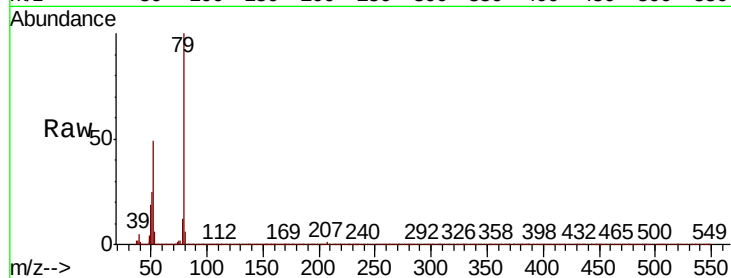




#3
 Pvridine
 Concen: 27.664 ng
 RT: 3.62 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

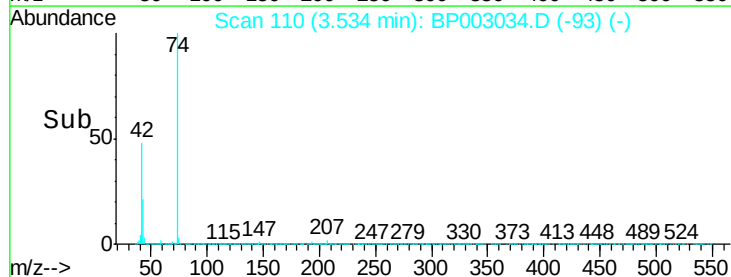
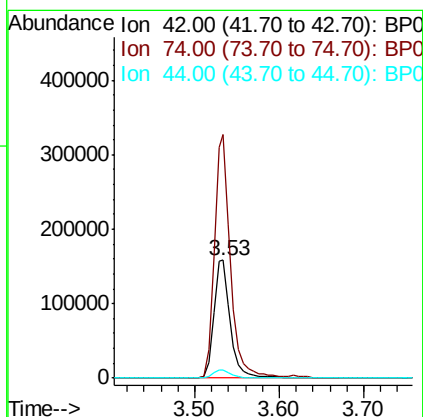
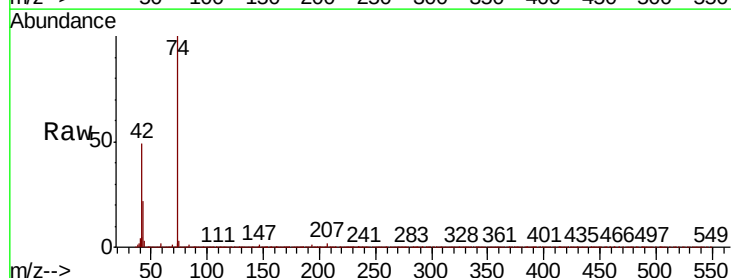
Instrument :
 BNA_P
 ClientSampleId :
 PB131046BSD

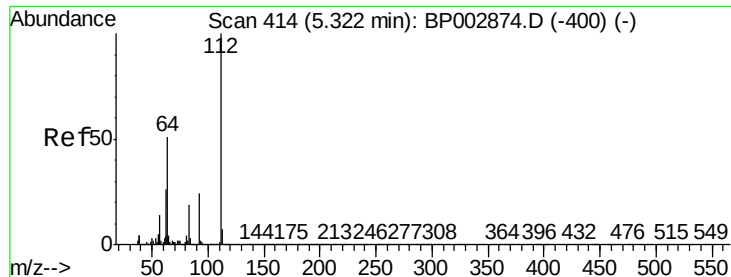
Tot Ion:	79	Resp:	693975
Ion	Ratio	Lower	Upper
79	100		
52	49.3	40.5	60.7
51	24.7	19.9	29.9



#4
 n-Nitrosodimethylamine
 Concen: 29.678 ng
 RT: 3.53 min Scan# 110
 Delta R.T. -0.00 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

Tgt Ion:	42	Resp:	218699
Ion	Ratio	Lower	Upper
42	100		
74	206.1	158.6	238.0
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 116.147 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

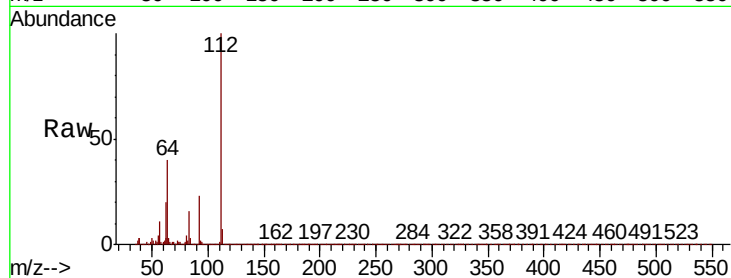
Tot Ion:112 Resp: 2436288

Ion Ratio Lower Upper

112 100

64 39.5 33.4 50.2

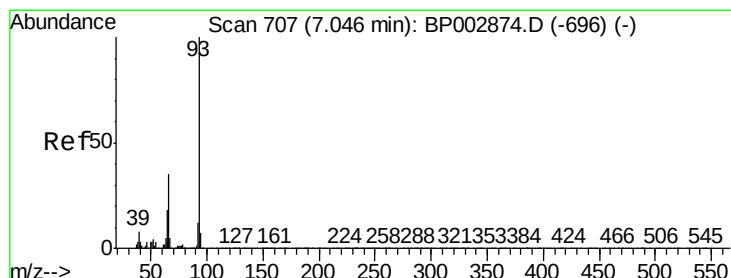
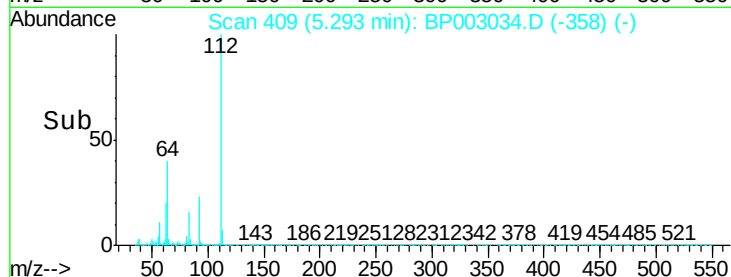
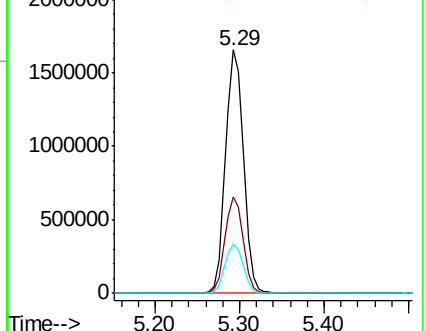
63 20.3 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP

Ion 63.00 (62.70 to 63.70): BP



#6

Aniline

Concen: 30.344 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

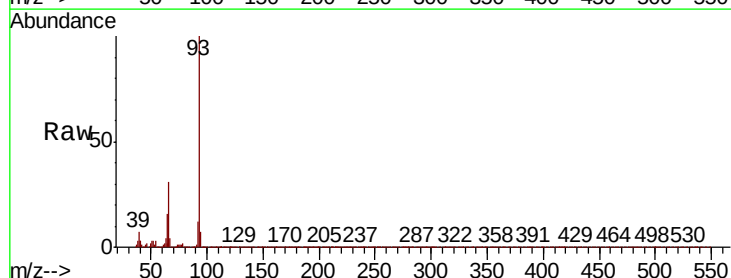
Tgt Ion: 93 Resp: 1025220

Ion Ratio Lower Upper

93 100

66 31.1 24.8 37.2

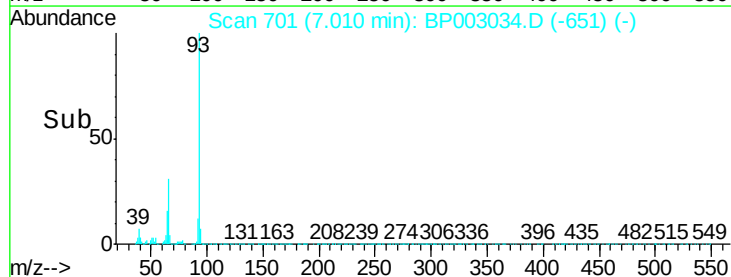
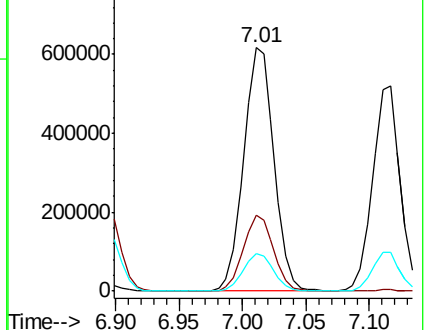
65 15.6 12.2 18.4

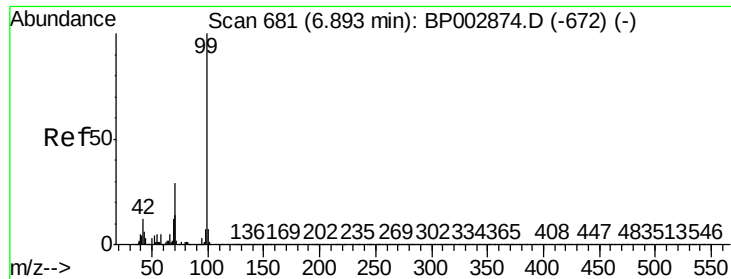


Abundance Ion 93.00 (92.70 to 93.70): BP

Ion 66.00 (65.70 to 66.70): BP

Ion 65.00 (64.70 to 65.70): BP





#7

Phenol-d6

Concen: 96.823 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

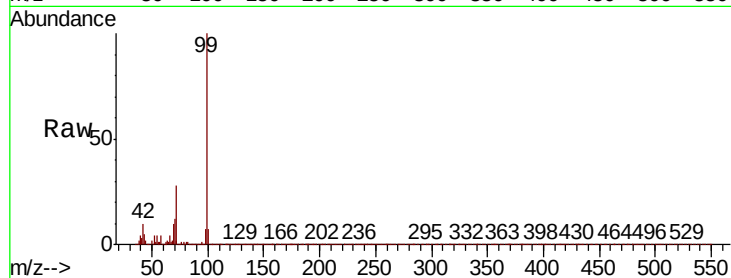
BNA_P

ClientSampleId :

PB131046BSD

Tot Ion: 99 Resp: 2819718

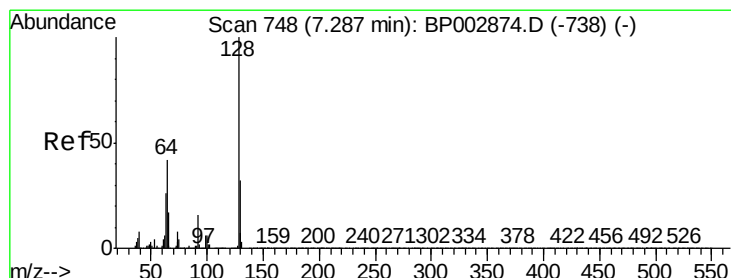
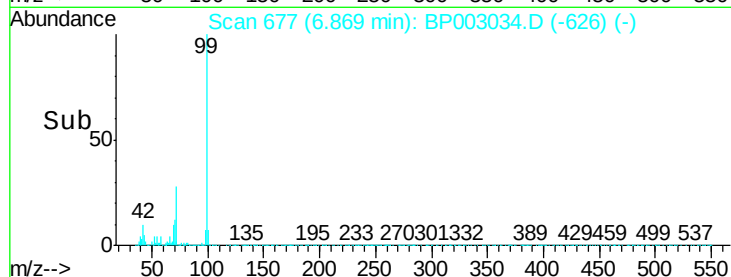
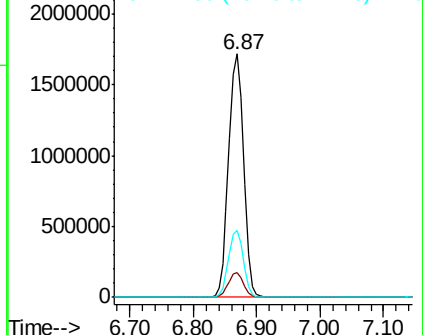
Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.0	12.0
71	27.5	21.3	31.9



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 43.033 ng

RT: 7.25 min Scan# 742

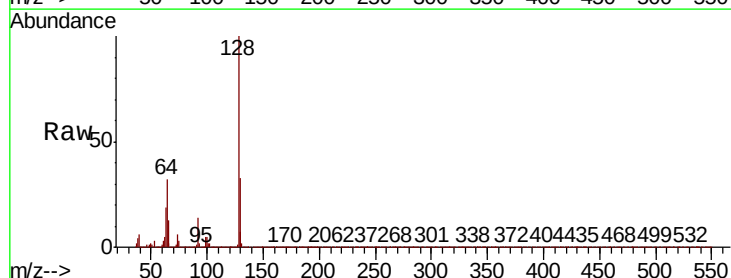
Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Tgt Ion: 128 Resp: 962426

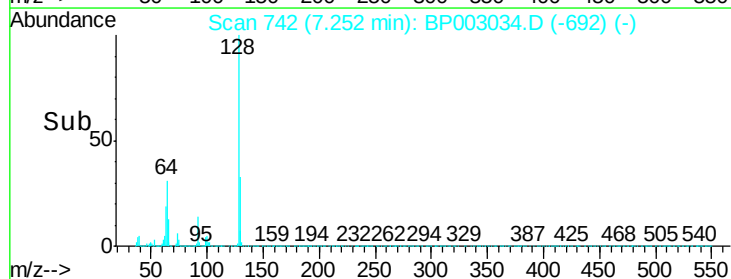
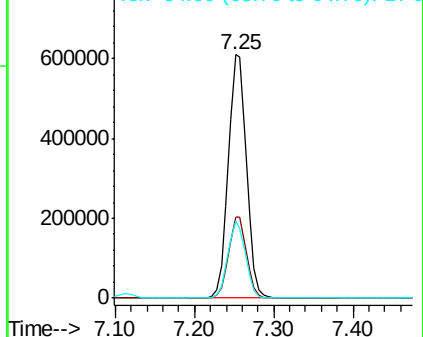
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	31.5	10.7	50.7

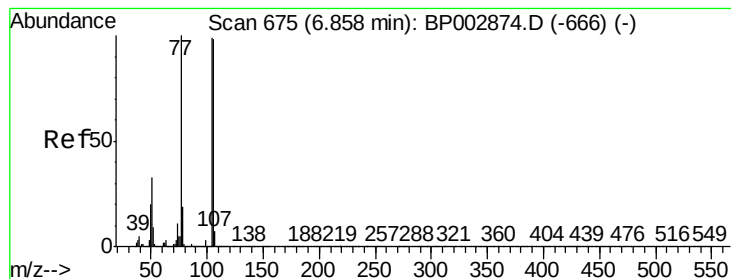


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 13.368 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

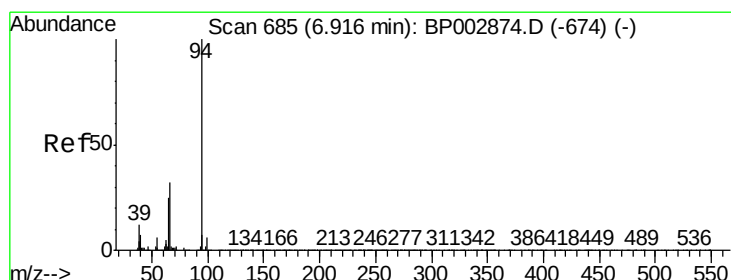
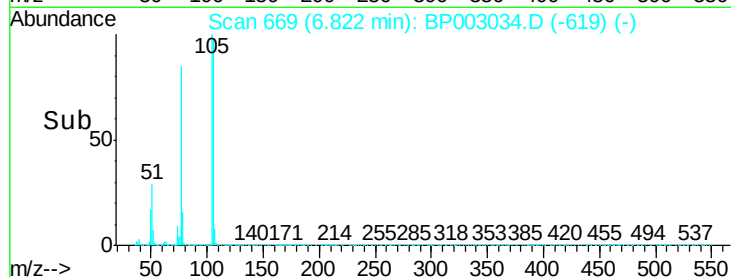
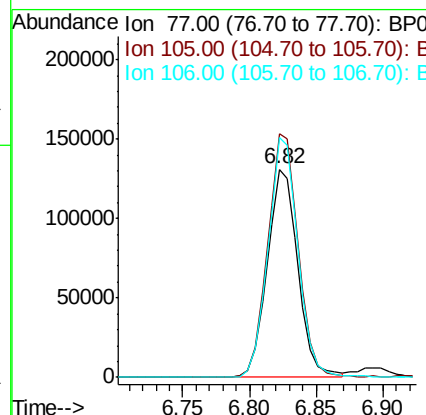
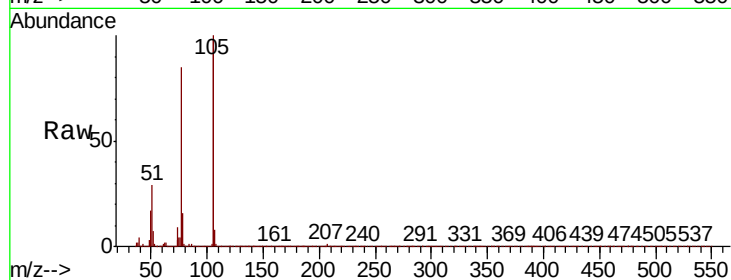
Tot Ion: 77 Resp: 207275

Ion Ratio Lower Upper

77 100

105 117.2 97.5 137.5

106 115.2 93.1 133.1



#10

Phenol

Concen: 34.109 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

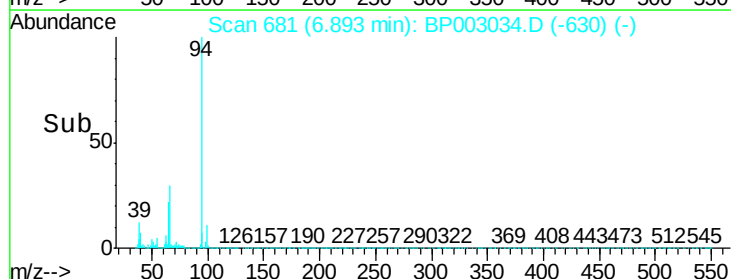
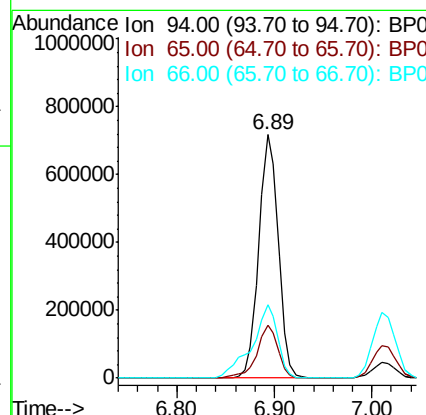
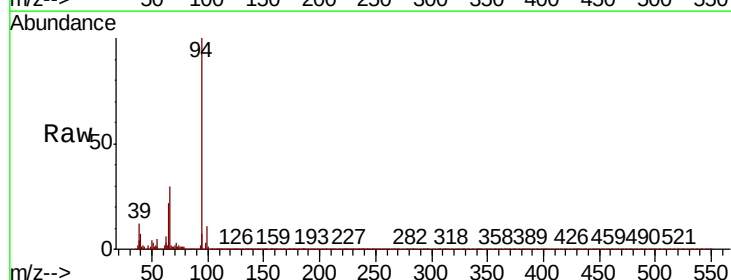
Tgt Ion: 94 Resp: 1000405

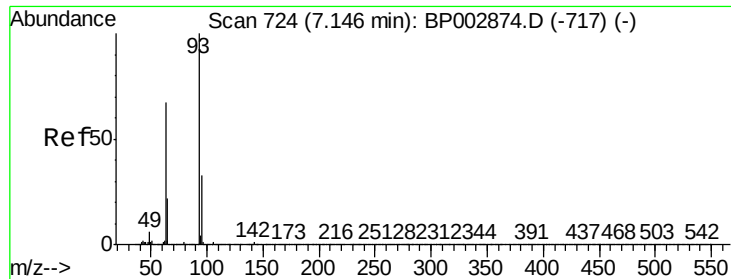
Ion Ratio Lower Upper

94 100

65 21.7 1.7 41.7

66 30.0 8.6 48.6

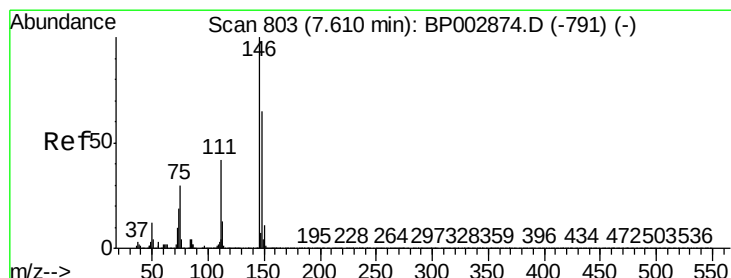
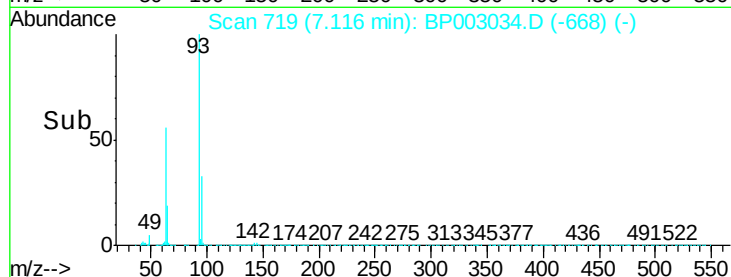
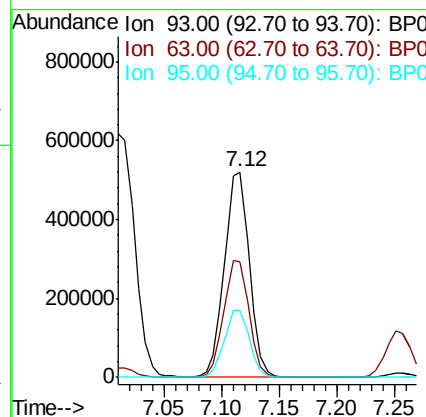
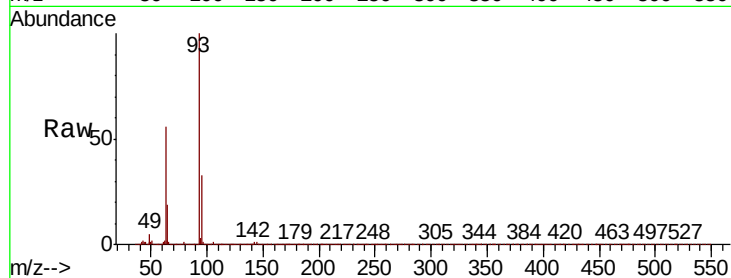




#11
bis(2-Chloroethyl)ether
Concen: 34.636 ng
RT: 7.12 min Scan# 719
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

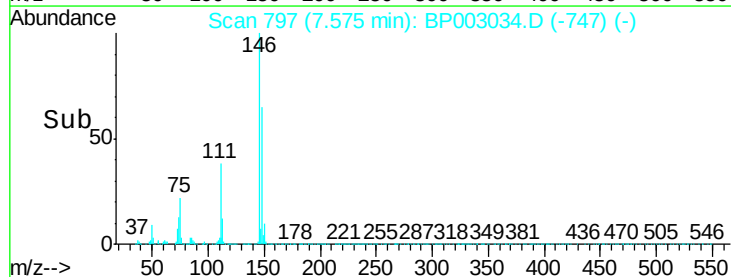
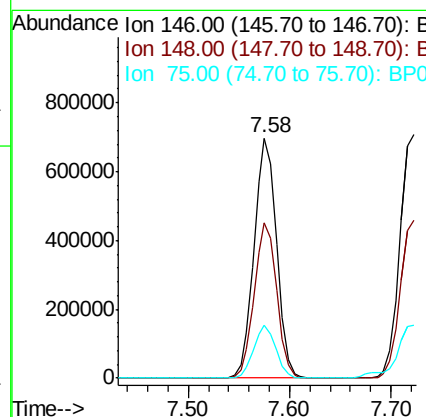
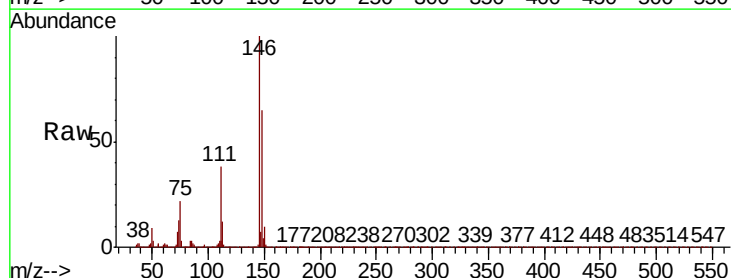
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

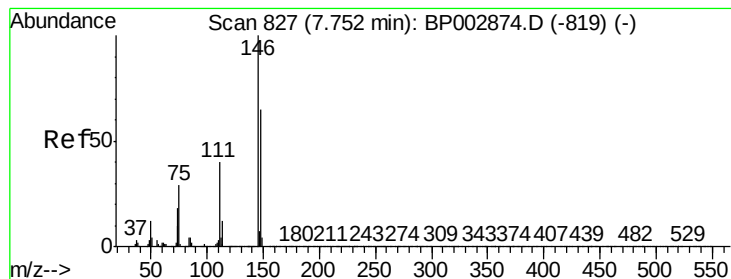
Tot Ion:	93	Resp:	781365
Ion	Ratio	Lower	Upper
93	100		
63	56.1	38.4	78.4
95	32.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 42.325 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:	146	Resp:	1068393
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	21.8	17.4	26.0





#13

1,4-Dichlorobenzene

Concen: 42.324 ng

RT: 7.72 min Scan# 822

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

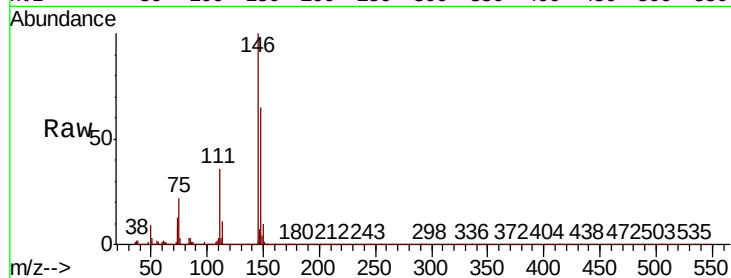
Tot Ion:146 Resp: 1079912

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

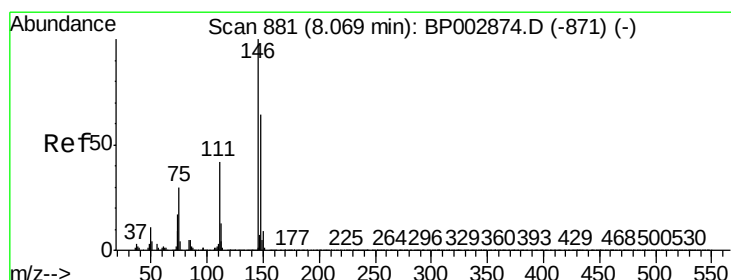
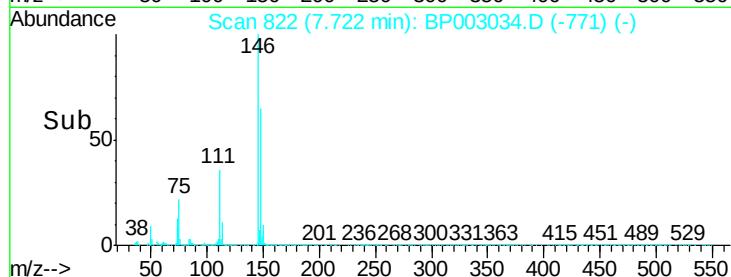
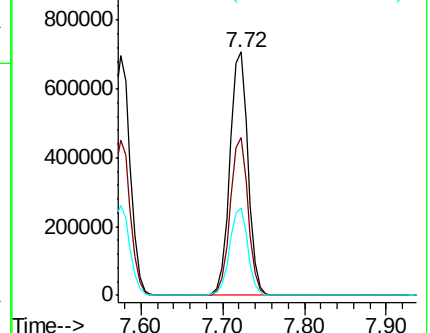
111 35.9 29.0 43.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.688 ng

RT: 8.03 min Scan# 875

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

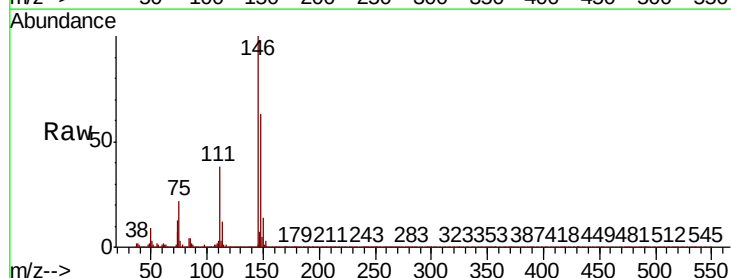
Tgt Ion:146 Resp: 1014371

Ion Ratio Lower Upper

146 100

148 63.0 51.5 77.3

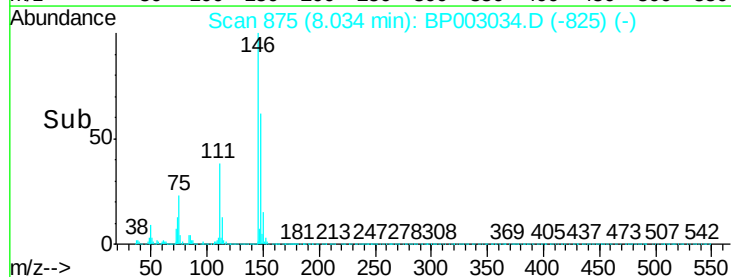
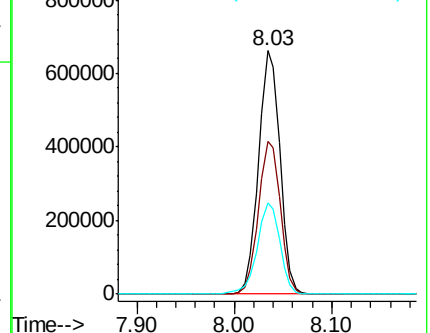
111 37.6 30.5 45.7

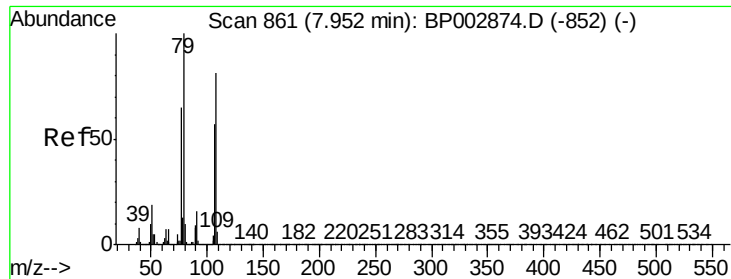


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.191 ng

RT: 7.92 min Scan# 856

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

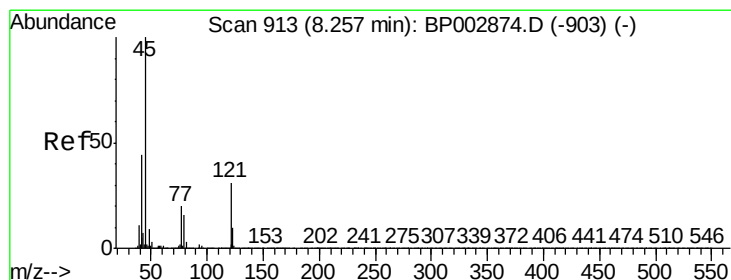
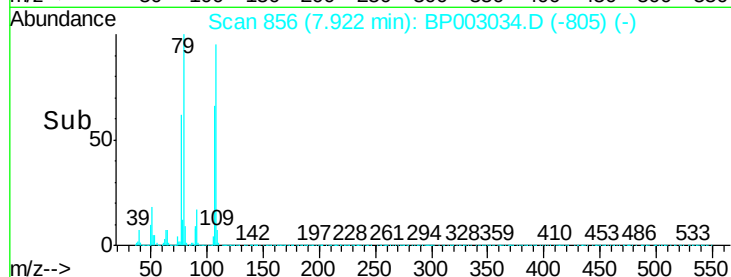
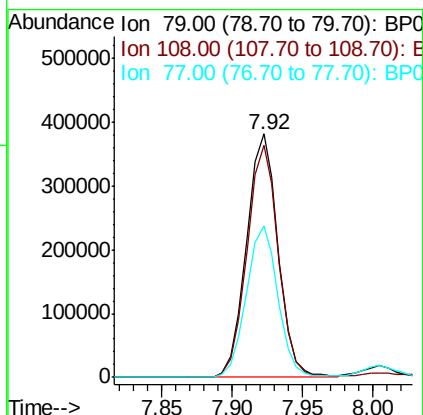
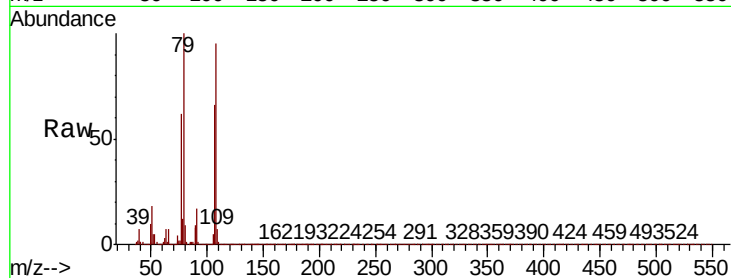
Tot Ion: 79 Resp: 599340

Ion Ratio Lower Upper

79 100

108 95.4 75.7 113.5

77 62.1 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.617 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

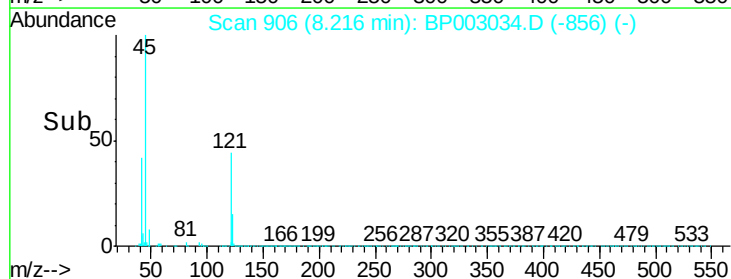
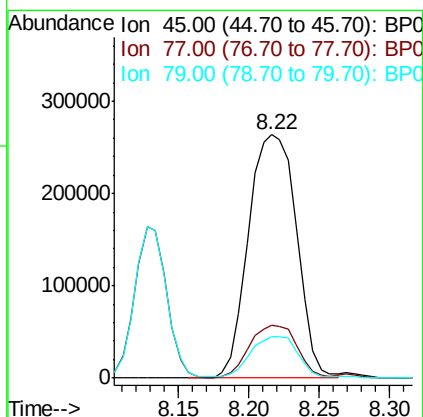
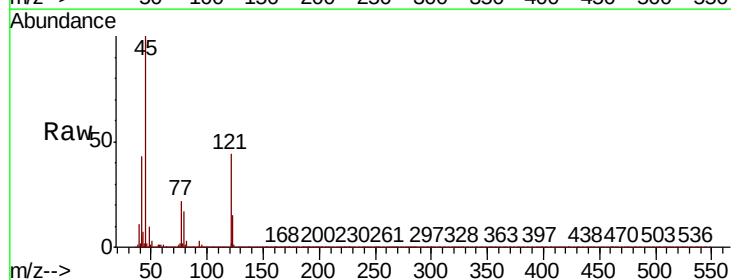
Tgt Ion: 45 Resp: 627701

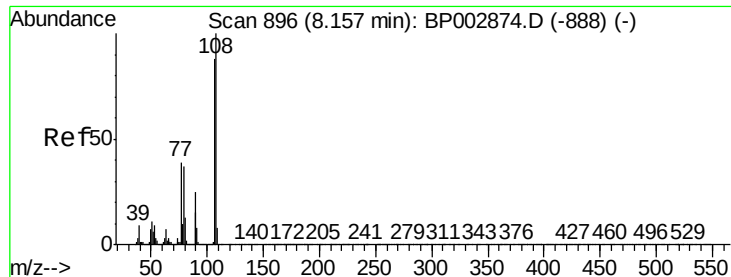
Ion Ratio Lower Upper

45 100

77 21.6 1.2 41.2

79 16.9 0.0 37.0





#17

2-Methylphenol

Concen: 37.653 ng

RT: 8.13 min Scan# 892

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

Tot Ion:107 Resp: 705699

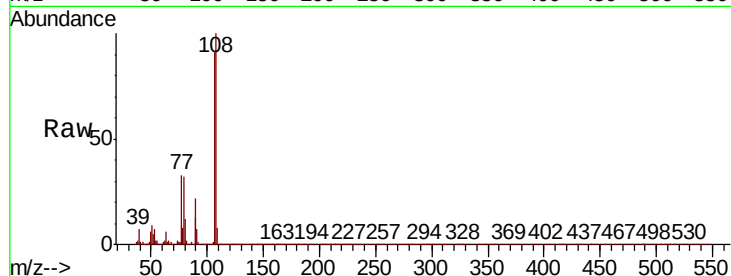
Ion Ratio Lower Upper

107 100

108 110.4 90.0 135.0

77 36.1 29.3 43.9

79 35.9 29.3 43.9

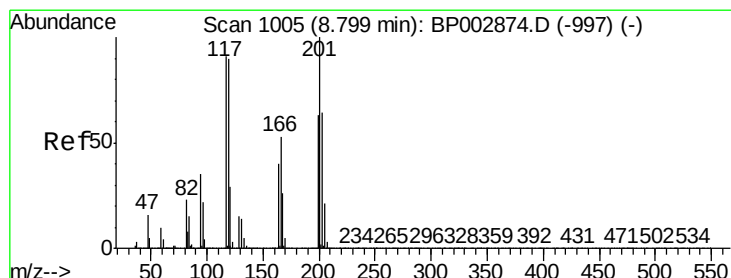
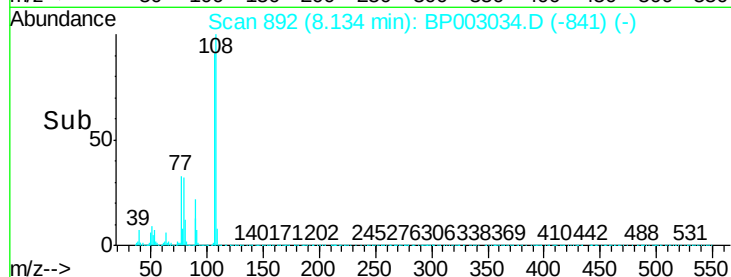
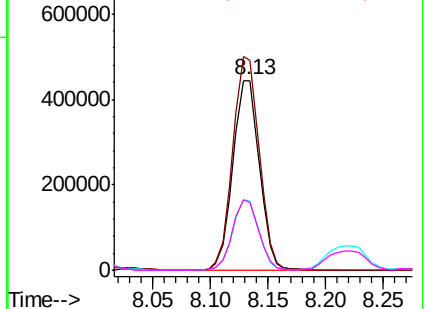


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 40.238 ng

RT: 8.76 min Scan# 999

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

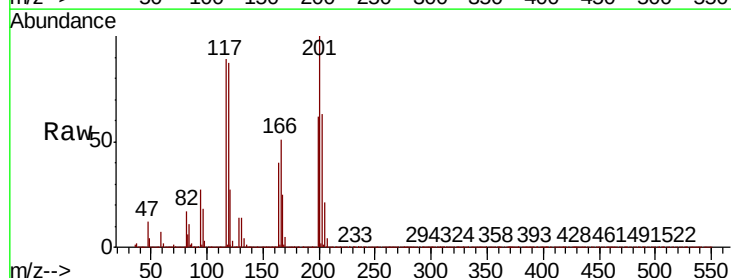
Tgt Ion:117 Resp: 358102

Ion Ratio Lower Upper

117 100

119 97.8 77.1 115.7

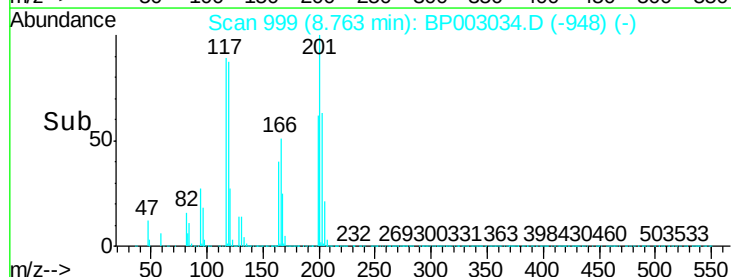
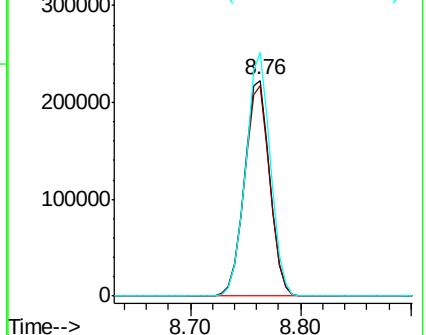
201 112.9 84.3 126.5

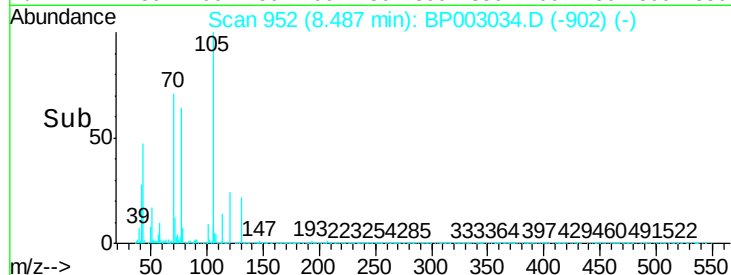
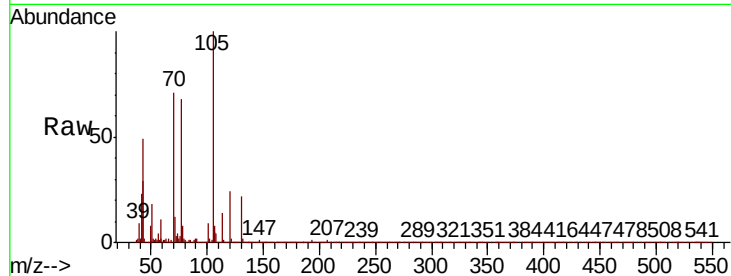
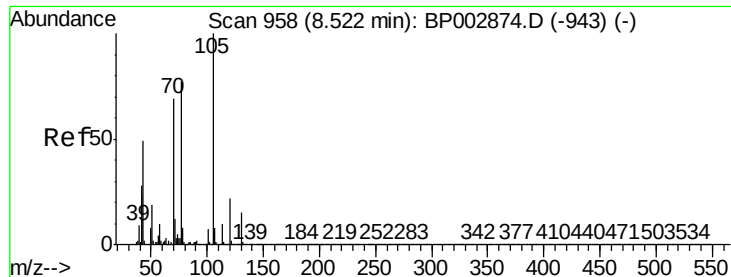


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

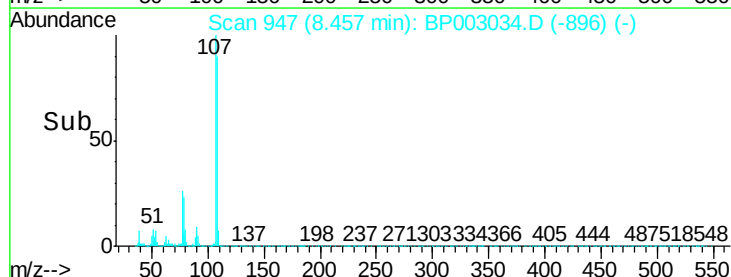
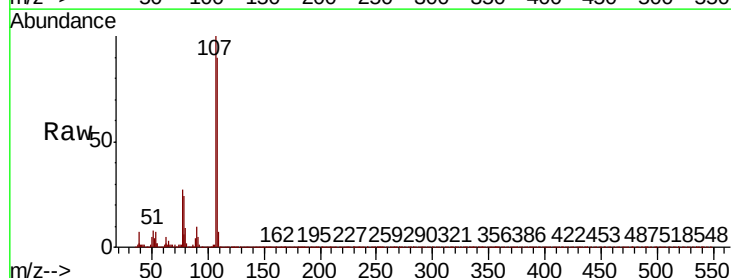
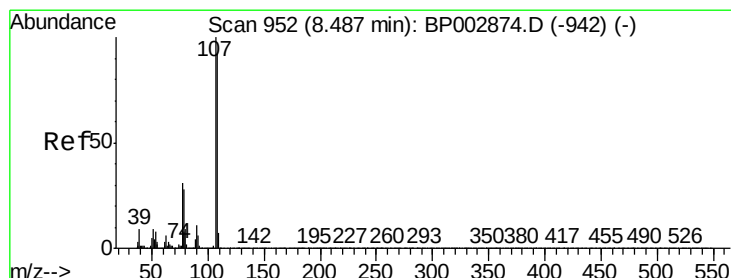
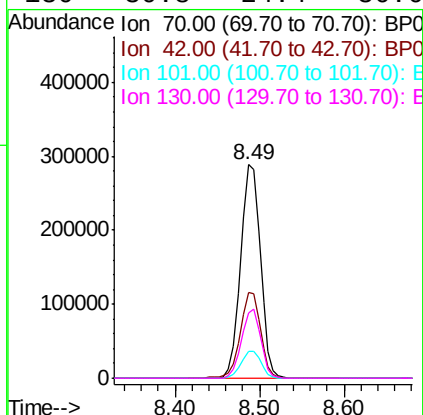




#19
n-Nitroso-di-n-propylamine
Concen: 27.670 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

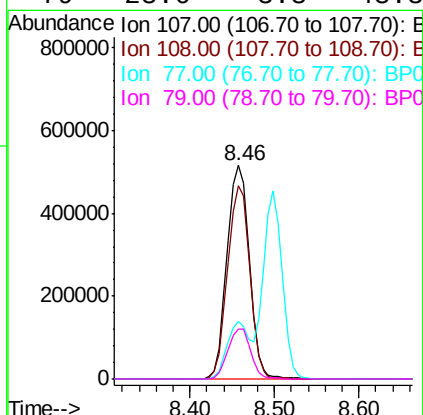
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

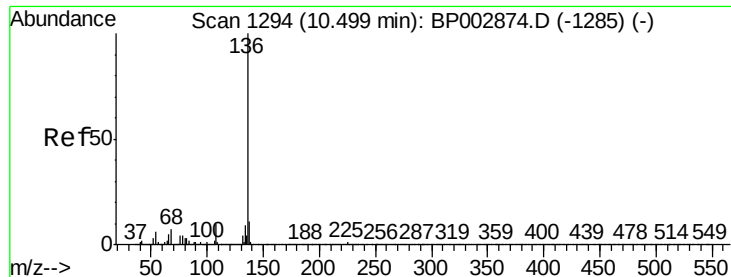
Tot Ion:	70	Resp:	464305
Ion	Ratio	Lower	Upper
70	100		
42	40.3	31.8	47.8
101	12.5	9.8	14.8
130	30.8	24.4	36.6



#20
3+4-Methylphenols
Concen: 37.169 ng
RT: 8.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:	107	Resp:	938871
Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.1	109.1
77	26.8	7.2	47.2
79	23.6	3.3	43.3

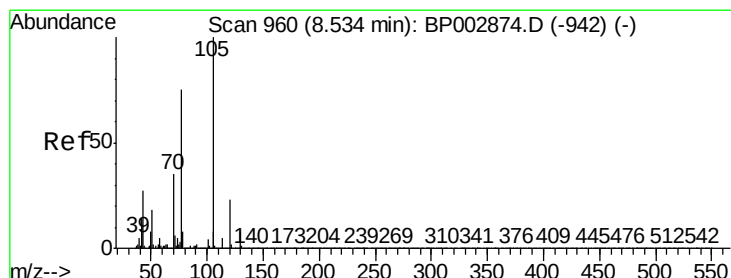
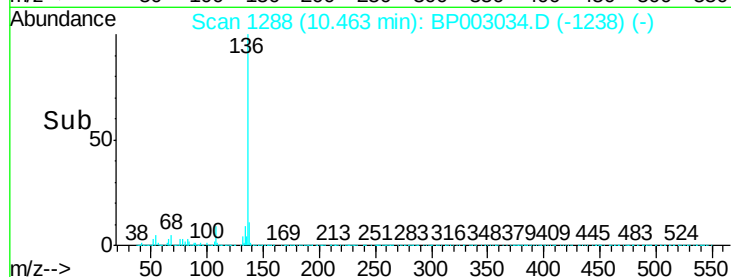
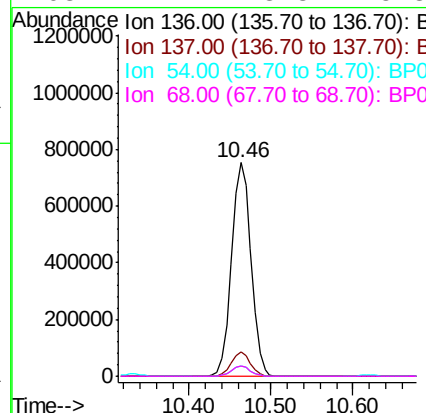
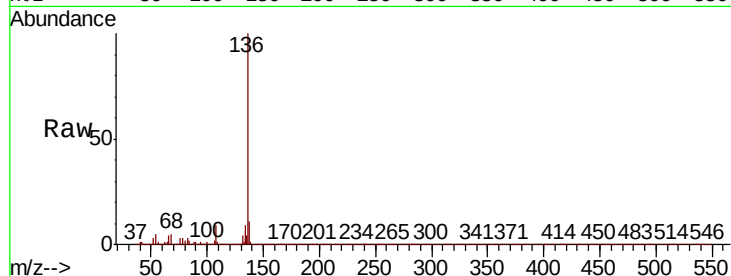




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

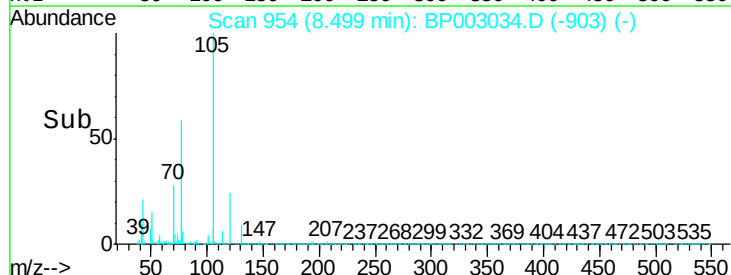
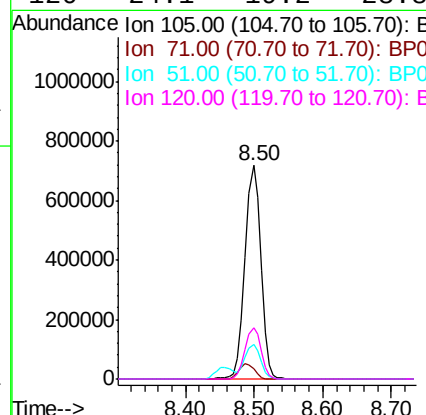
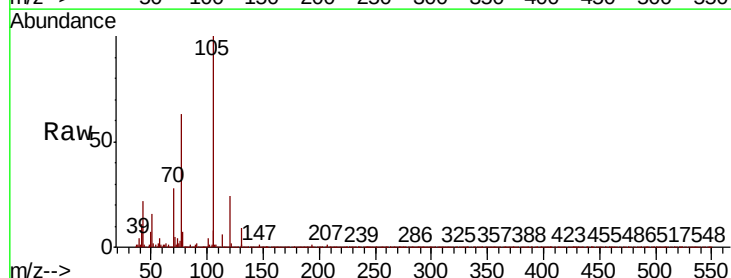
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

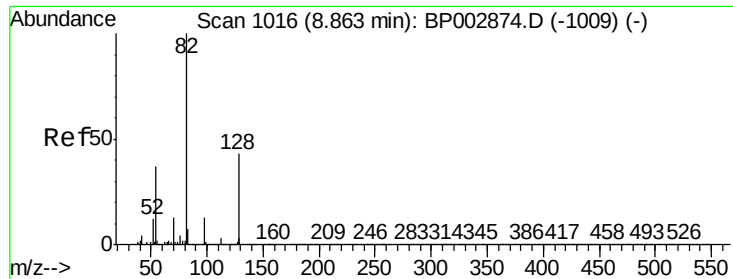
Tot Ion:136	Resp: 1243253
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 4.7	3.8 5.8
68 4.7	3.8 5.8



#22
Acetophenone
Concen: 32.870 ng
RT: 8.50 min Scan# 954
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt	Ion:105	Resp:	1153006
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.4	8.0#
51	16.0	13.5	20.3
120	24.1	19.2	28.8

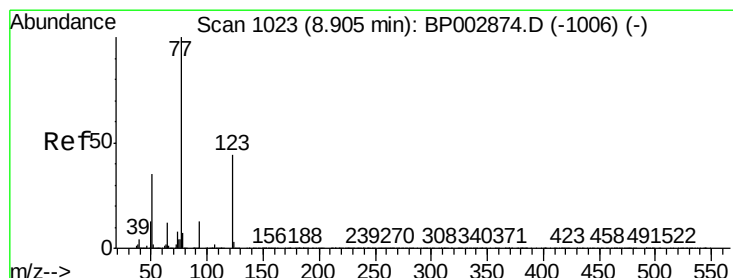
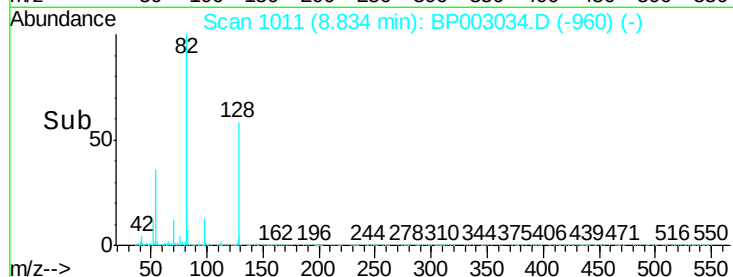
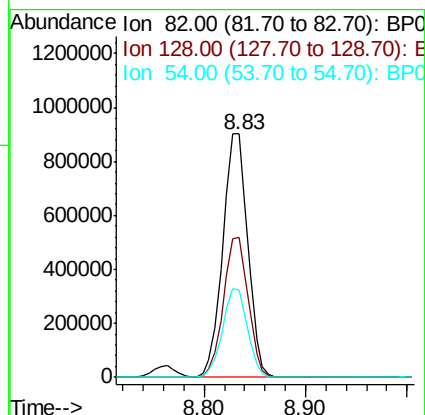
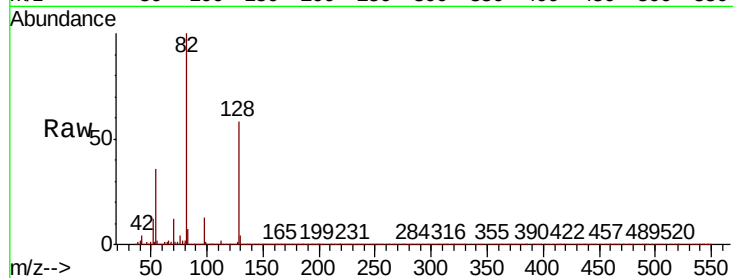




#23
 Nitrobenzene-d5
 Concen: 67.300 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

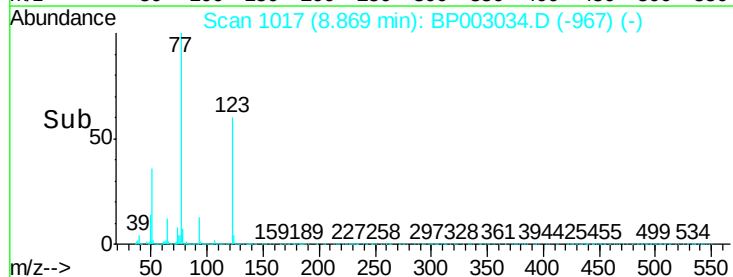
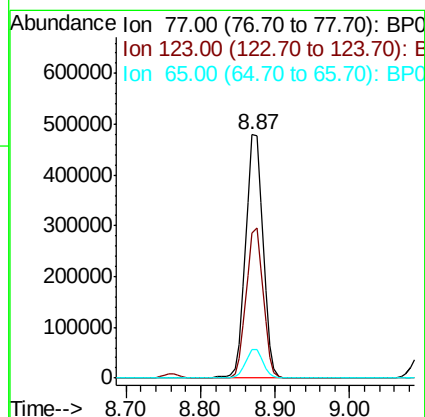
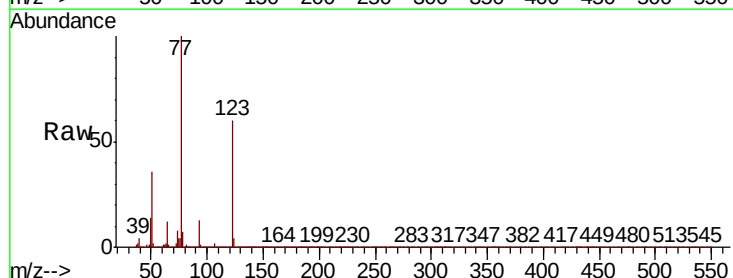
Instrument :
 BNA_P
 ClientSampleId :
 PB131046BSD

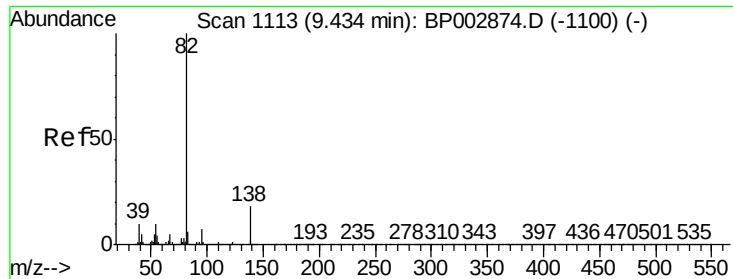
Tot Ion: 82 Resp: 1544818
 Ion Ratio Lower Upper
 82 100
 128 57.6 45.1 67.7
 54 35.8 28.8 43.2



#24
 Nitrobenzene
 Concen: 31.050 ng
 RT: 8.87 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

Tgt Ion: 77 Resp: 773784
 Ion Ratio Lower Upper
 77 100
 123 59.5 47.5 71.3
 65 11.6 9.2 13.8

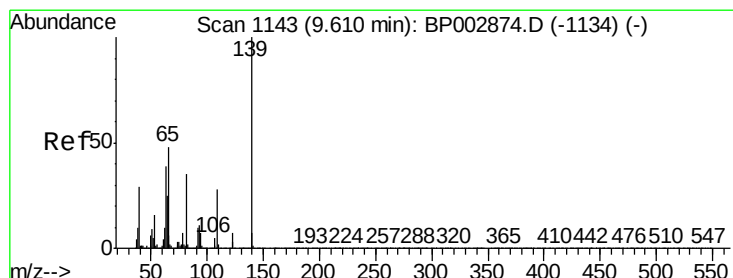
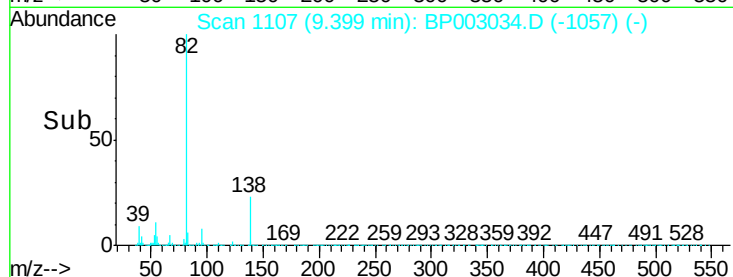
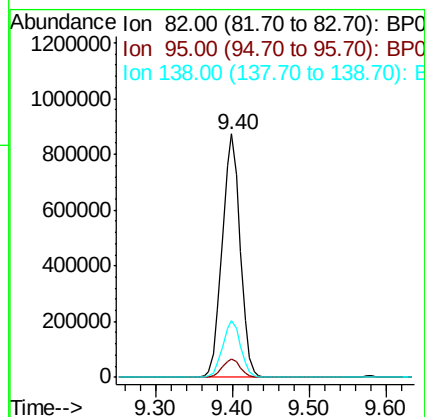
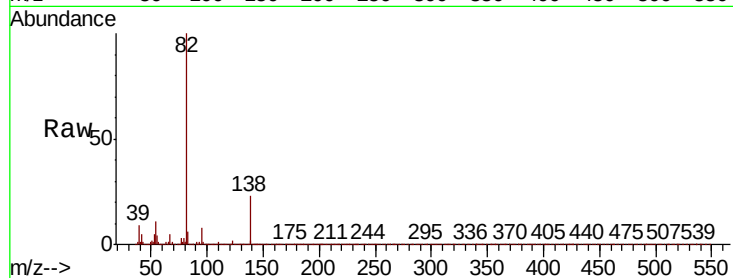




#25
Isophorone
Concen: 28.530 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

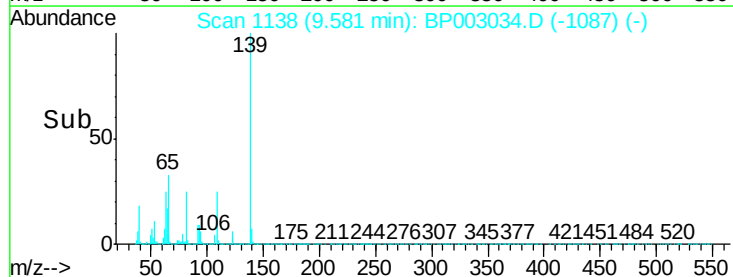
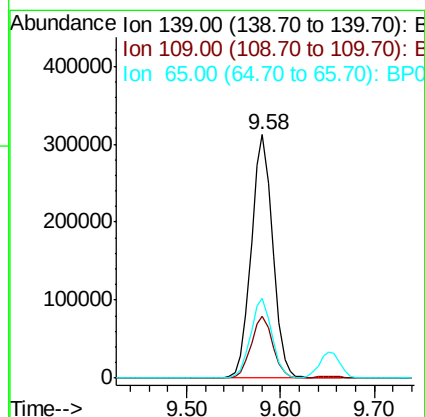
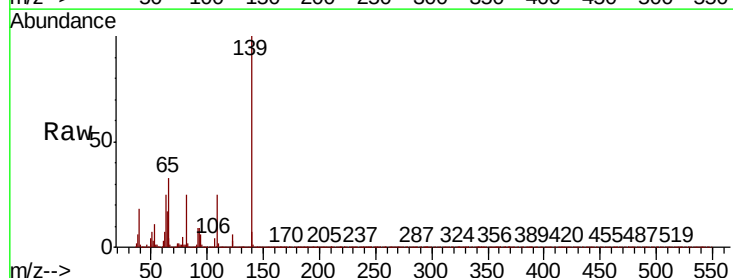
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

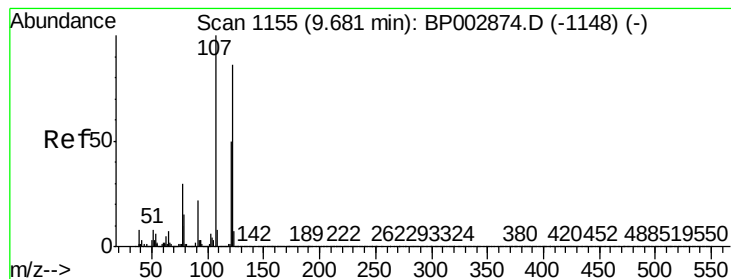
Tot Ion: 82 Resp: 1406890
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 23.0 18.8 28.2



#26
2-Nitrophenol
Concen: 47.437 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion: 139 Resp: 492828
Ion Ratio Lower Upper
139 100
109 25.2 21.0 31.6
65 32.6 27.2 40.8





#27

2,4-Dimethylphenol

Concen: 38.826 ng

RT: 9.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

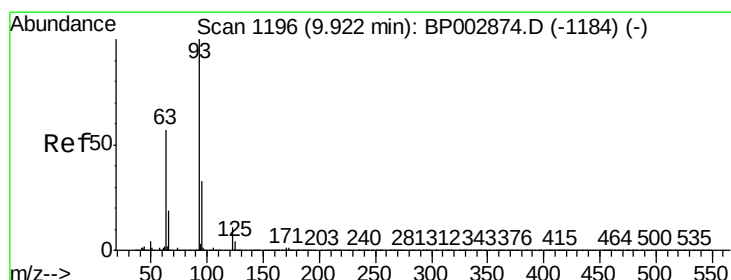
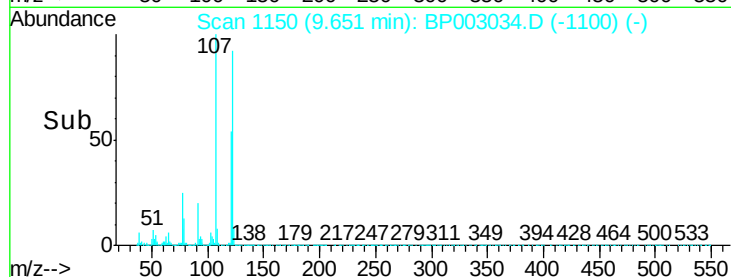
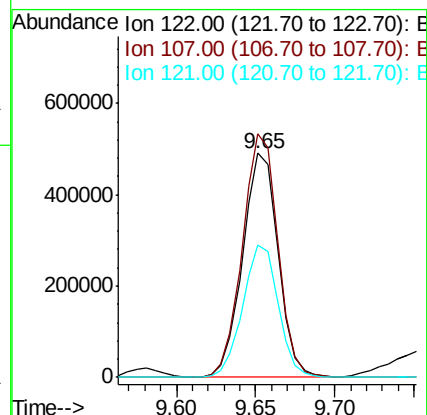
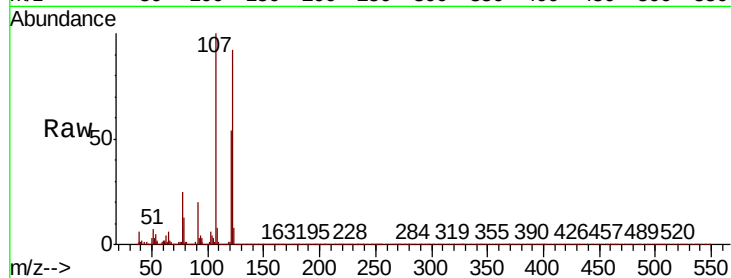
Tot Ion:122 Resp: 762478

Ion Ratio Lower Upper

122 100

107 108.5 85.4 128.0

121 59.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 35.391 ng

RT: 9.89 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

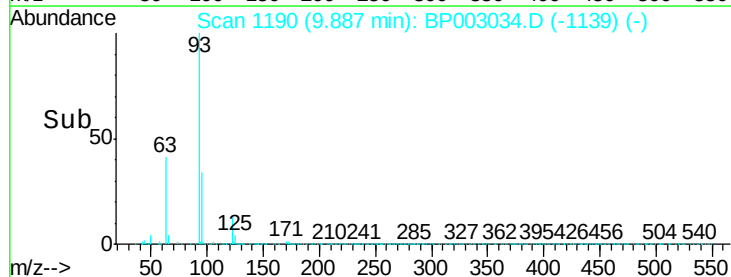
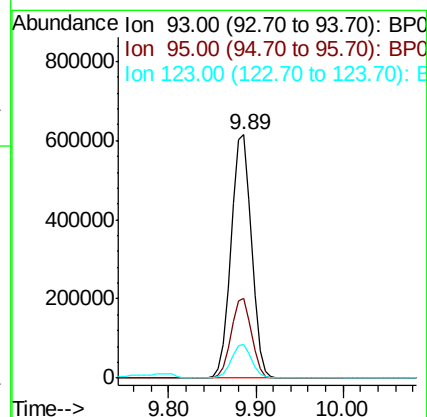
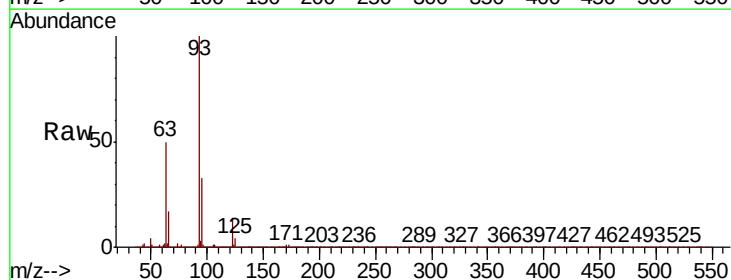
Tgt Ion: 93 Resp: 973671

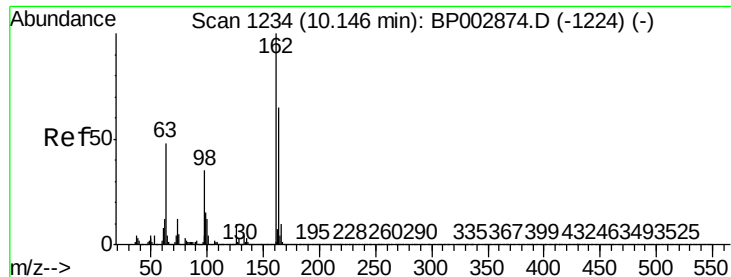
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 13.7 10.5 15.7

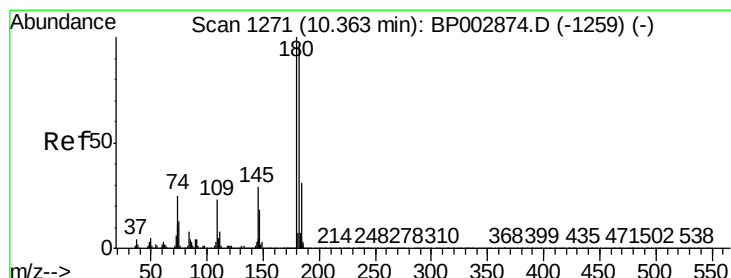
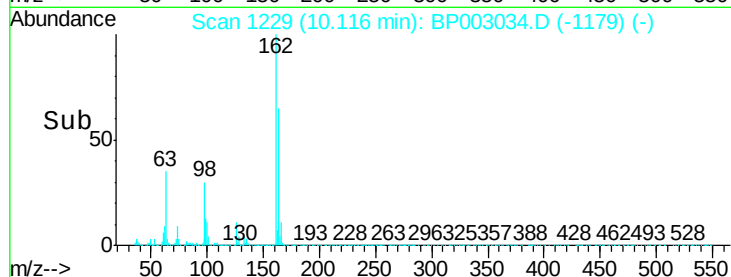
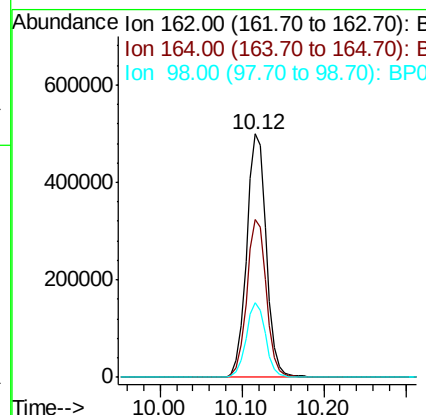
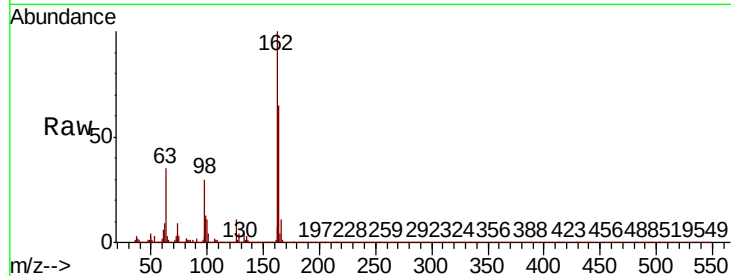




#29
 2,4-Dichlorophenol
 Concen: 40.205 ng
 RT: 10.12 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

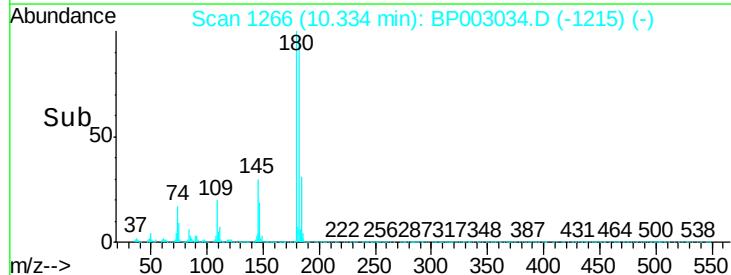
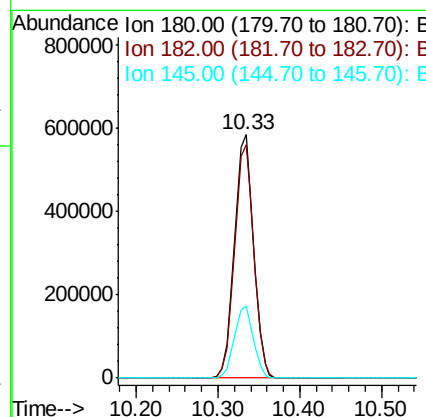
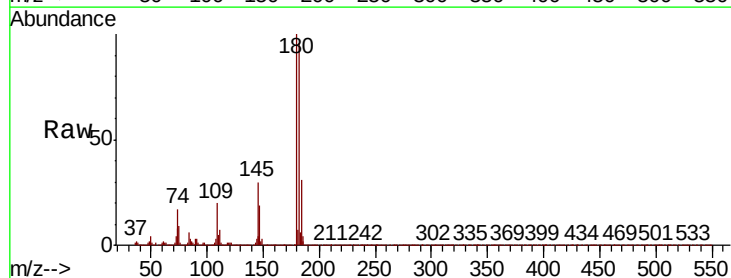
Instrument :
 BNA_P
 ClientSampleId :
 PB131046BSD

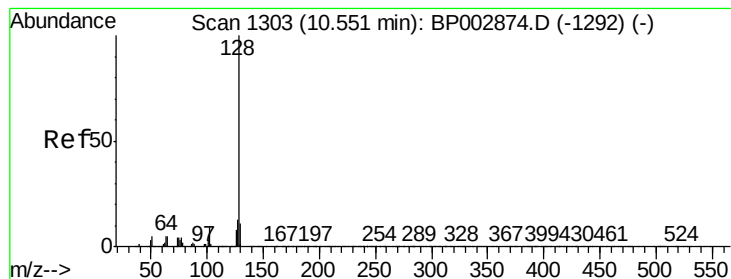
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.9	83.9
98	30.5	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.395 ng
 RT: 10.33 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.3	114.5
145	29.7	24.4	36.6





#31

Naphthalene

Concen: 39.192 ng

RT: 10.52 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

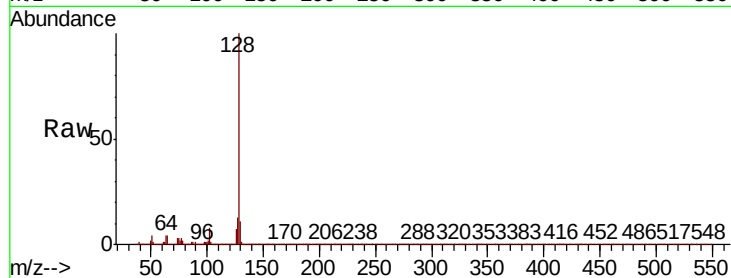
Tot Ion:128 Resp: 2789254

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.1	10.6	16.0

128 100

129 11.0 9.1 13.7

127 13.1 10.6 16.0

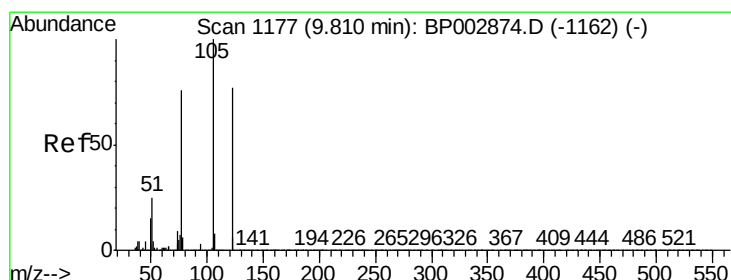
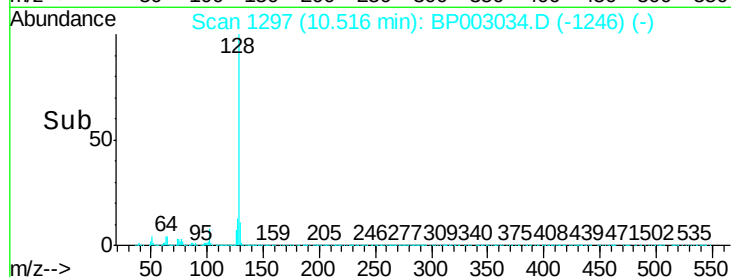
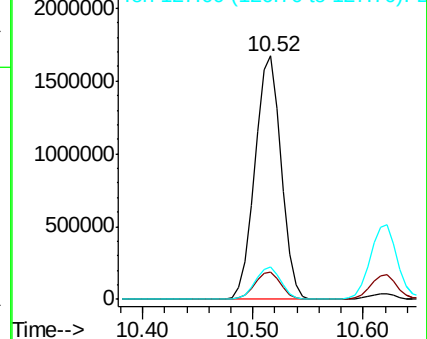


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.499 ng

RT: 9.80 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

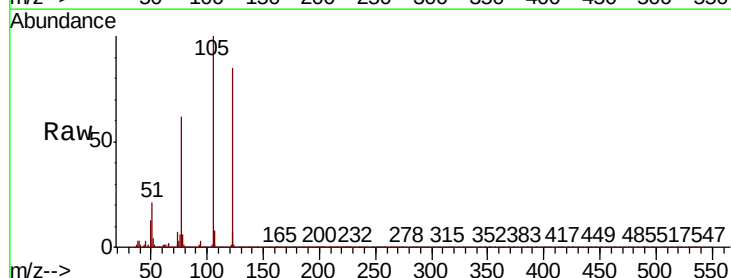
Tgt Ion:122 Resp: 478731

Ion	Ratio	Lower	Upper
122	100		
105	118.0	96.2	136.2
77	72.9	55.6	95.6

122 100

105 118.0 96.2 136.2

77 72.9 55.6 95.6

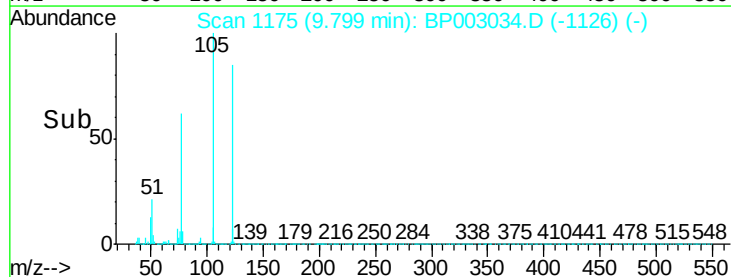
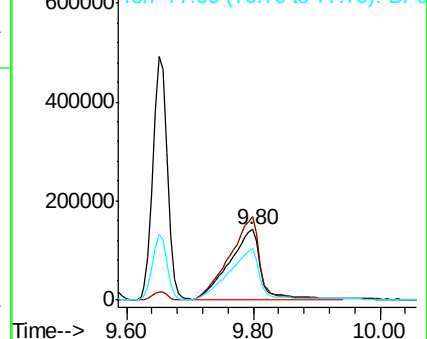


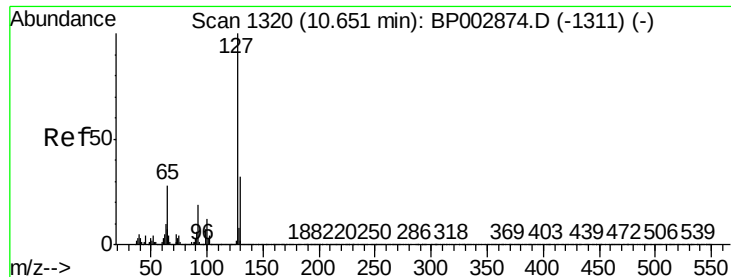
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

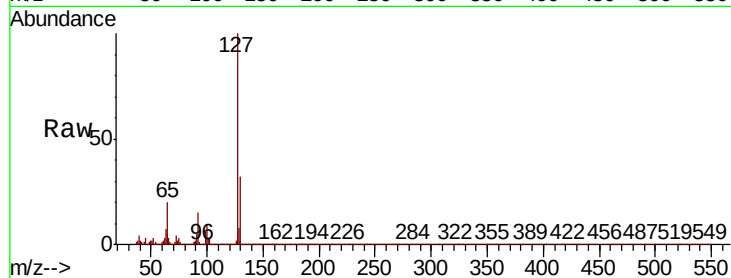




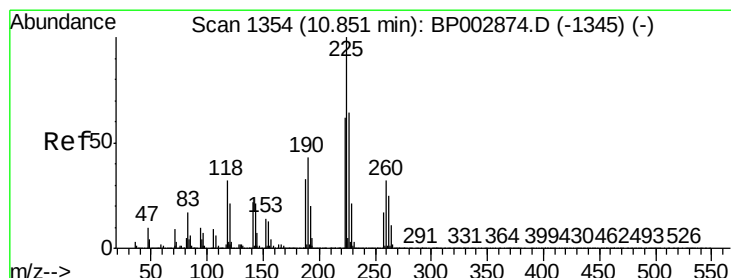
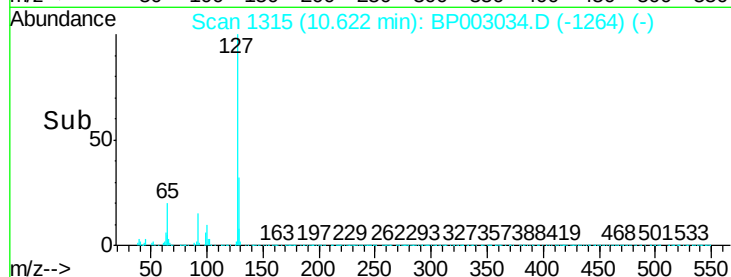
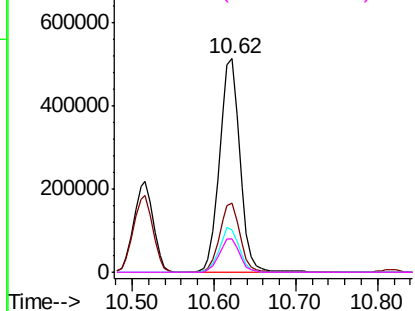
#33
4-Chloroaniline
Concen: 30.215 ng
RT: 10.62 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Instrument :
BNA_P
ClientSampleId :
PB131046BSD

Tot Ion:	127	Resp:	891157
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	19.8	16.7	25.1
92	15.5	12.8	19.2

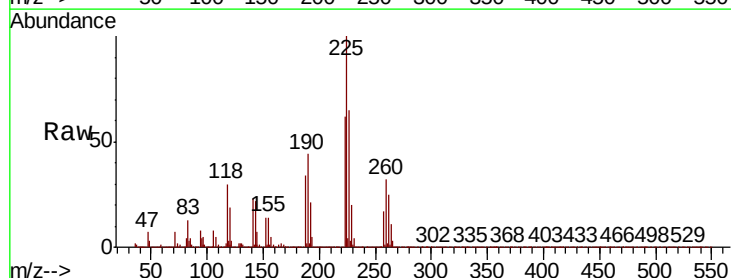


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

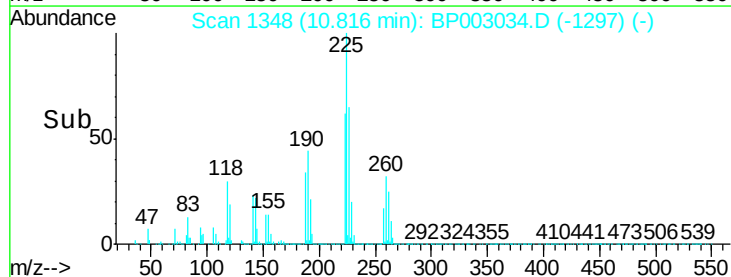
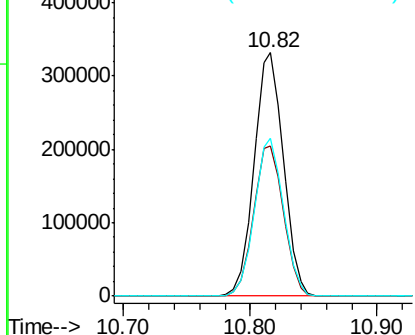


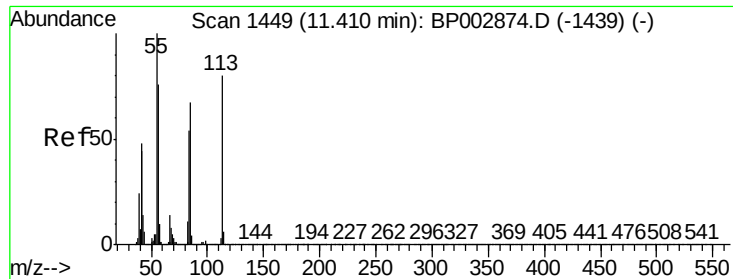
#34
Hexachlorobutadiene
Concen: 36.234 ng
RT: 10.82 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:	225	Resp:	535740
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	65.0	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
400000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

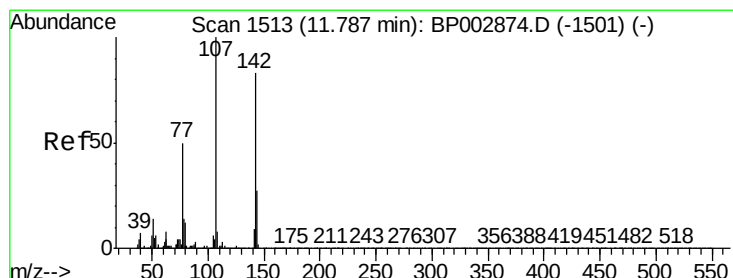
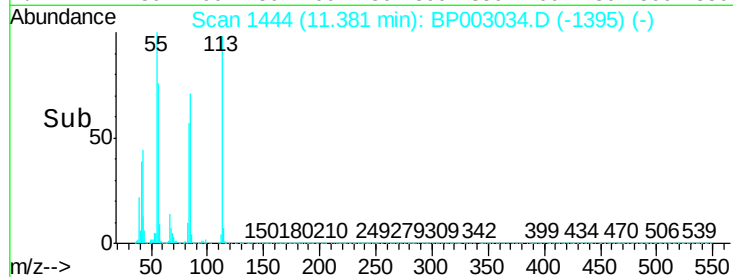
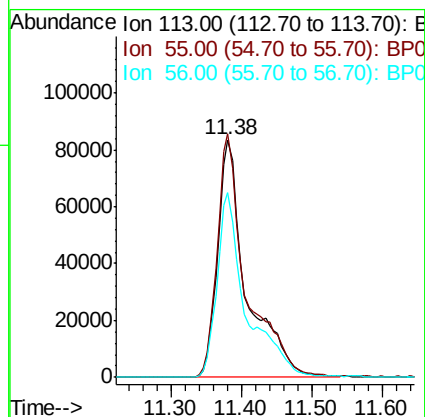
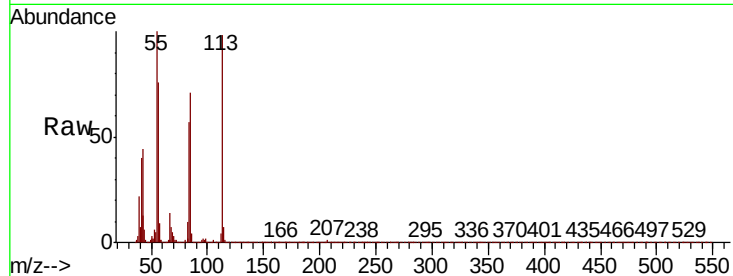




#35
 Caprolactam
 Concen: 37.324 ng
 RT: 11.38 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

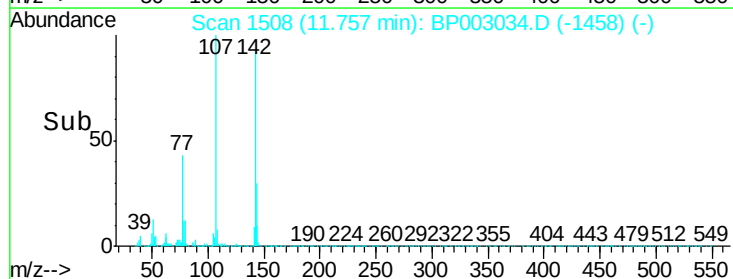
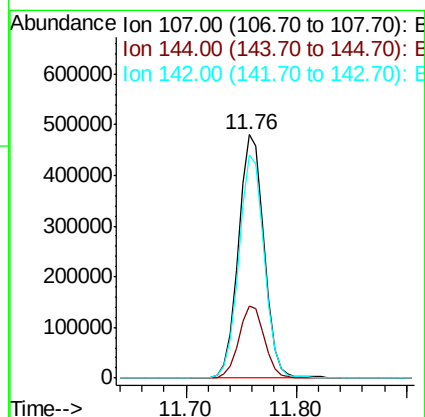
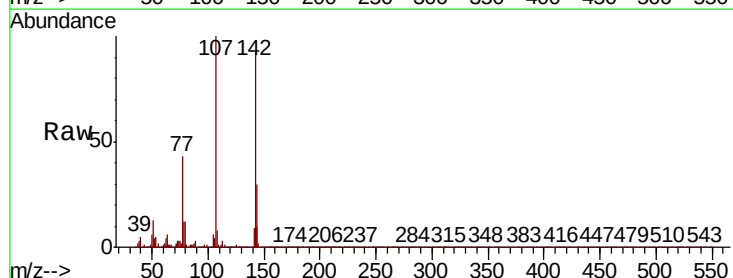
Instrument :
 BNA_P
 ClientSampleId :
 PB131046BSD

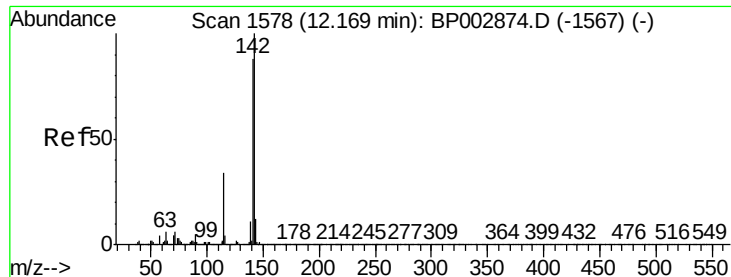
Tot Ion:113 Resp: 238693
 Ion Ratio Lower Upper
 113 100
 55 102.6 87.1 127.1
 56 77.8 61.0 101.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.487 ng
 RT: 11.76 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

Tgt Ion:107 Resp: 783919
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.8 35.6
 142 91.9 74.2 111.4

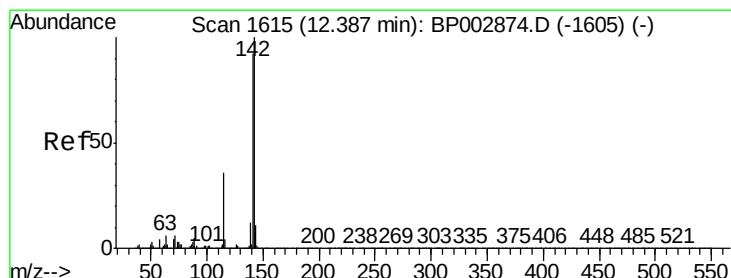
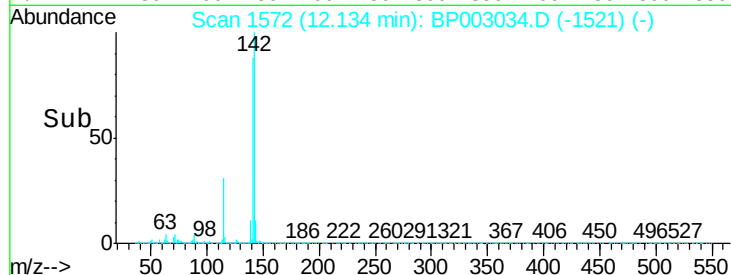
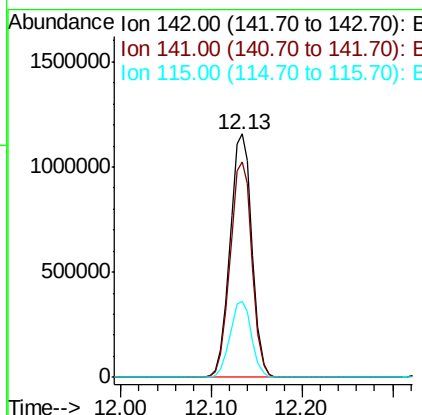
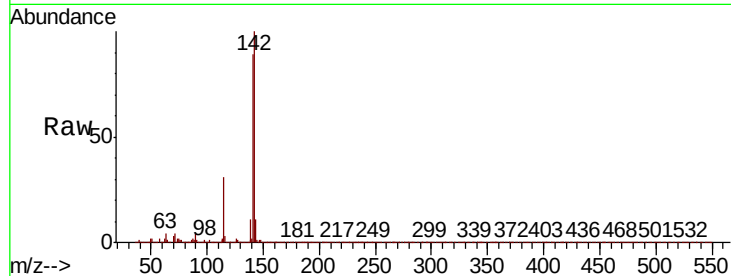




#37
2-Methylnaphthalene
Concen: 38.272 ng
RT: 12.13 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

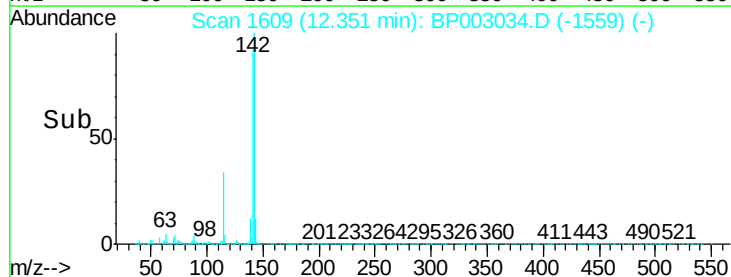
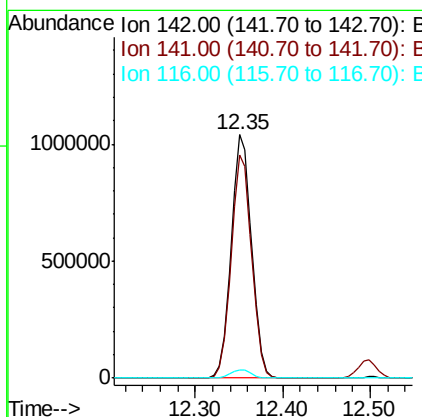
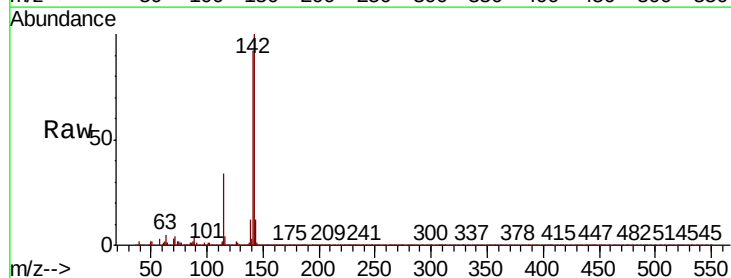
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

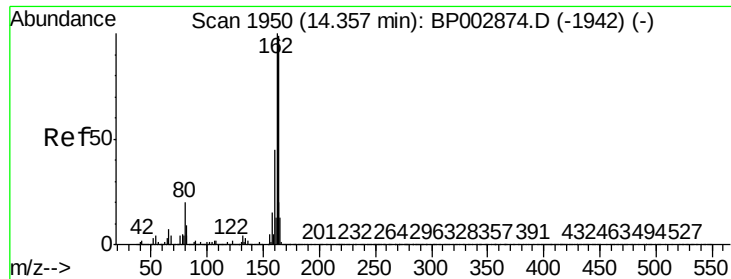
Tot Ion:142 Resp: 1937526
Ion Ratio Lower Upper
142 100
141 88.5 70.5 105.7
115 31.2 25.0 37.4



#38
1-Methylnaphthalene
Concen: 34.258 ng
RT: 12.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:142 Resp: 1632548
Ion Ratio Lower Upper
142 100
141 91.8 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: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

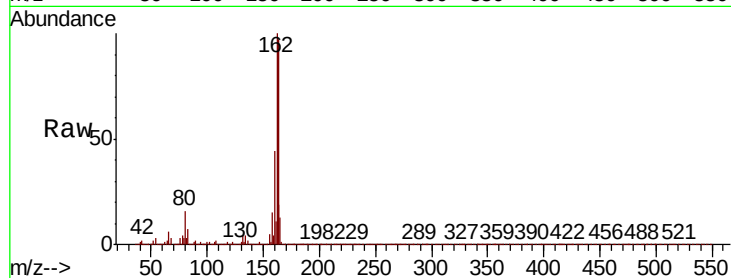
Tot Ion:164 Resp: 608716

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

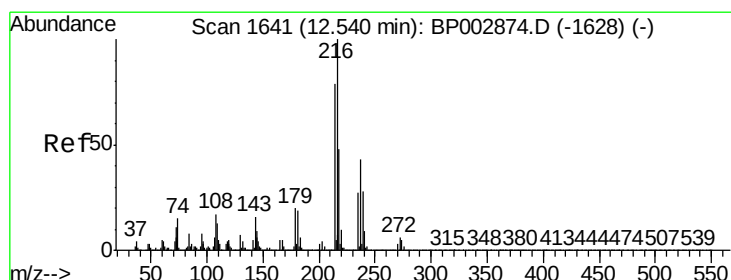
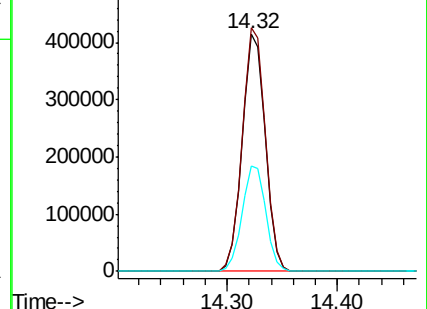
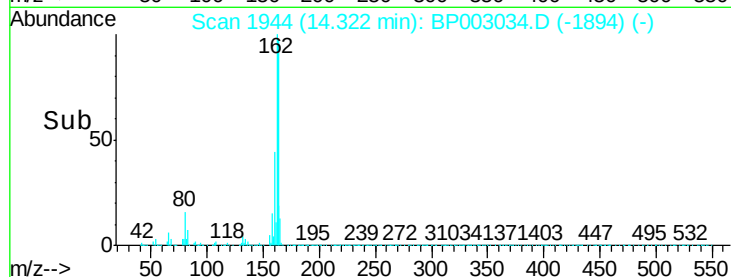
160 44.7 35.5 53.3



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: 36.490 ng

RT: 12.51 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Tgt Ion:216 Resp: 798596

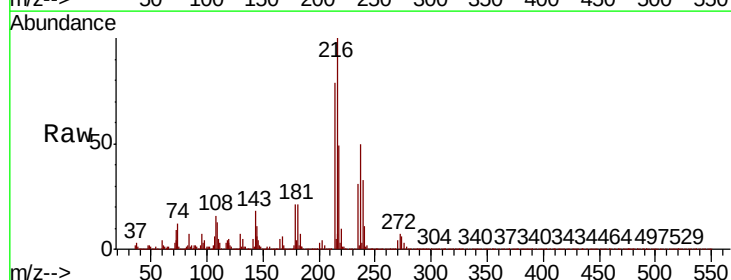
Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 21.5 17.3 25.9

108 18.4 13.6 20.4

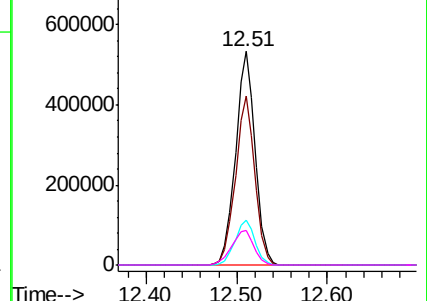
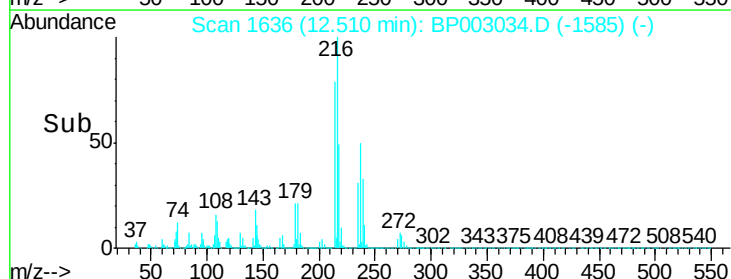


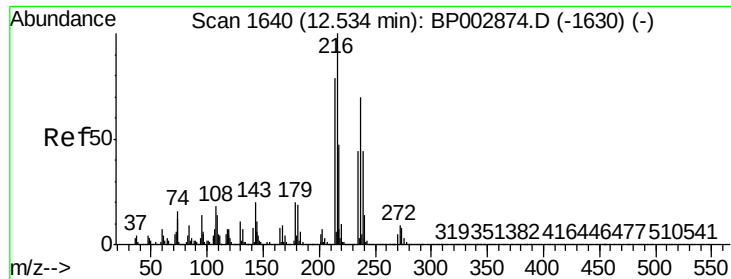
Abundance Ion 216.00 (215.70 to 216.70): E

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

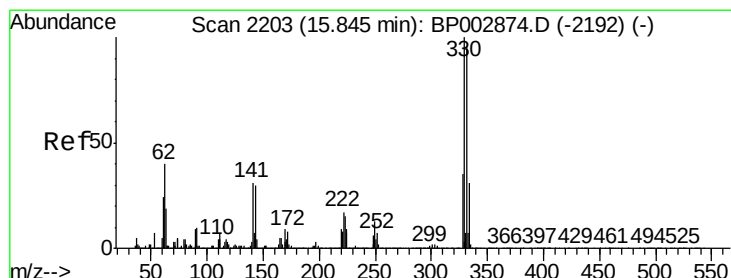
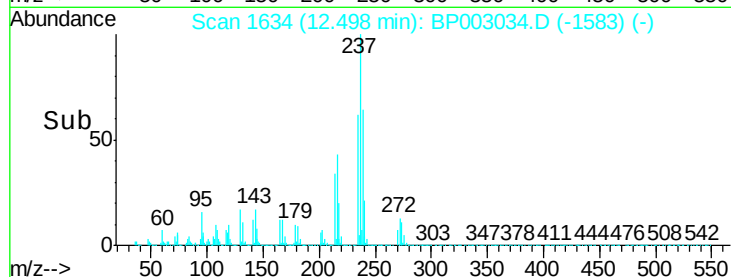
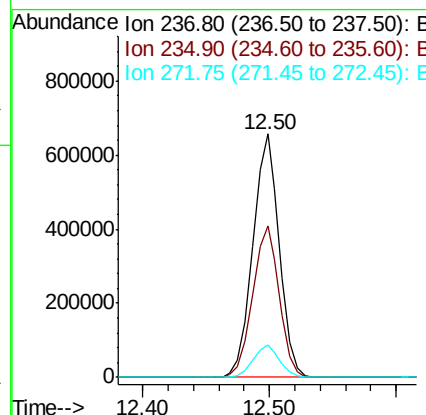
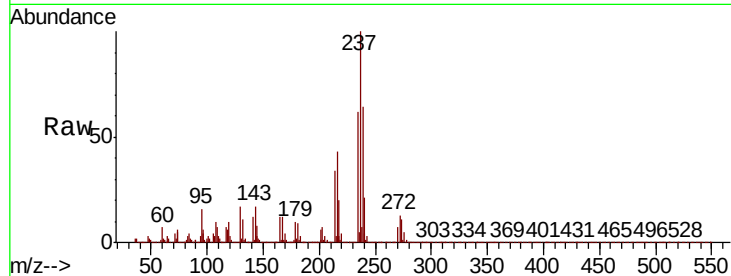




#41
Hexachlorocyclopentadiene
Concen: 83.442 ng
RT: 12.50 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

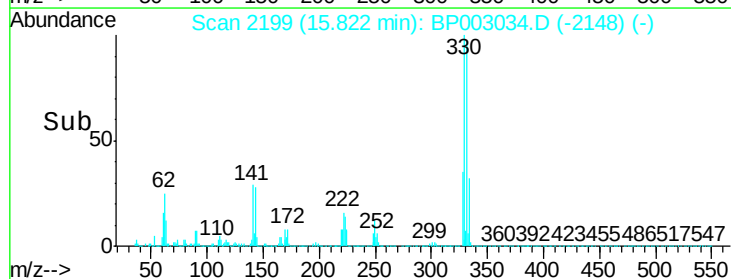
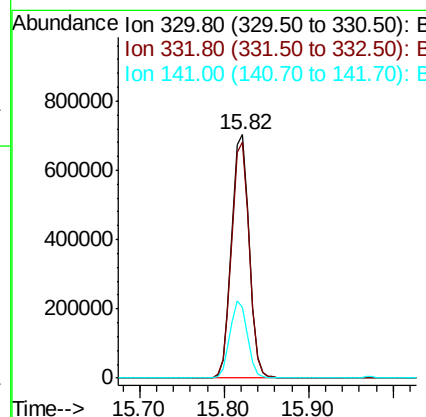
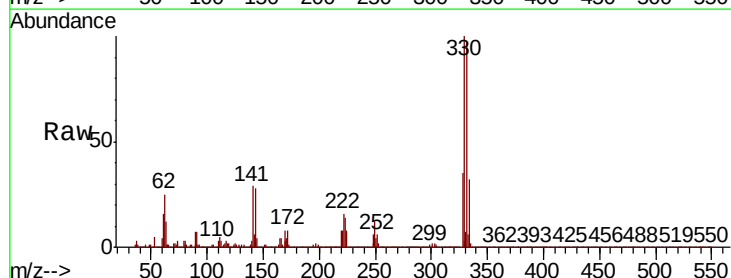
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

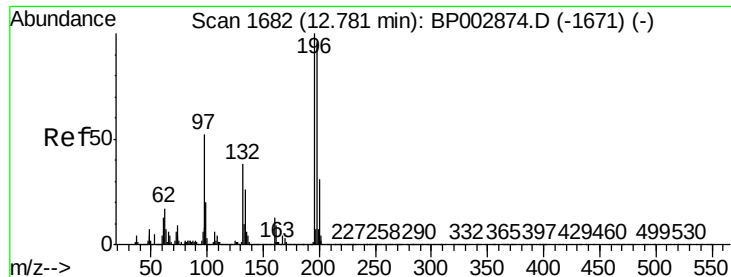
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.8	83.8
272	13.4	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 133.021 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	31.5	26.7	40.1

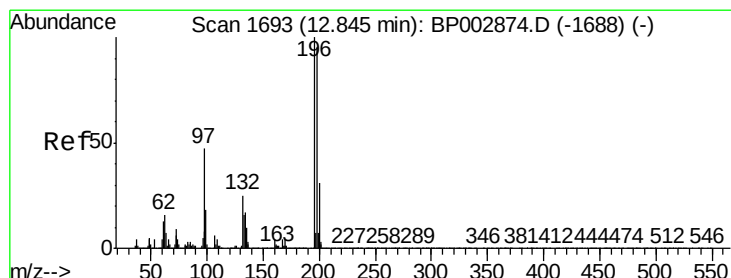
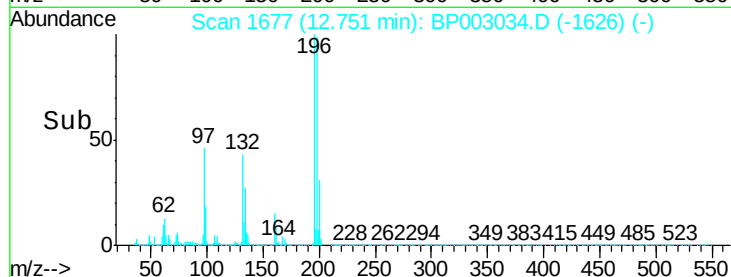
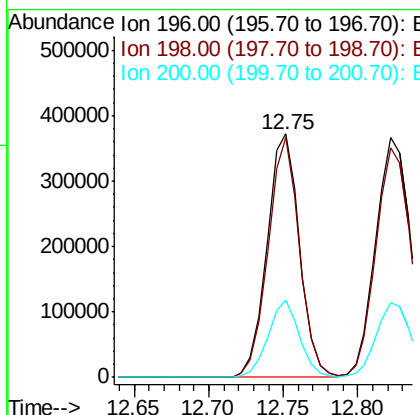
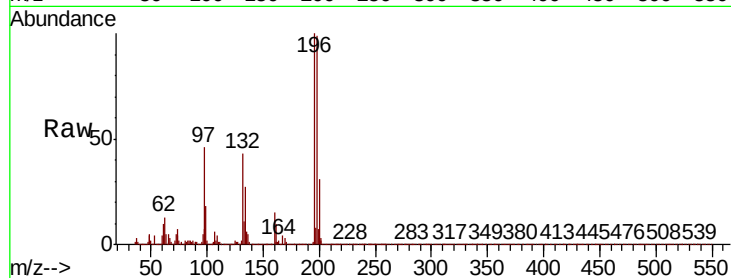




#43
2,4,6-Trichlorophenol
Concen: 44.174 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

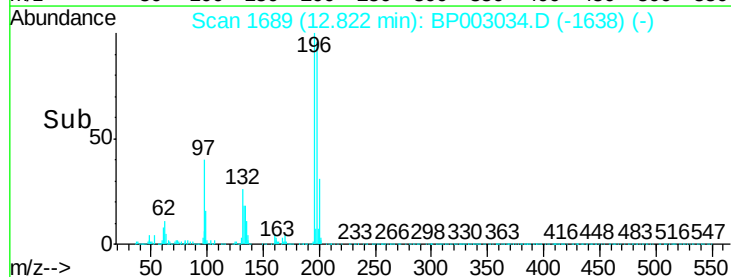
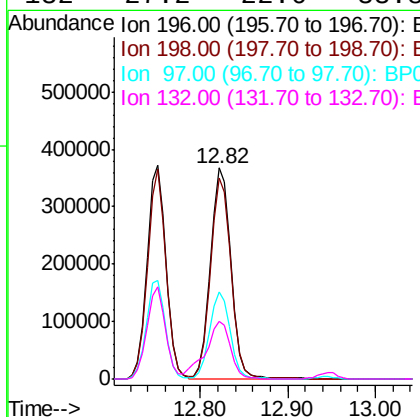
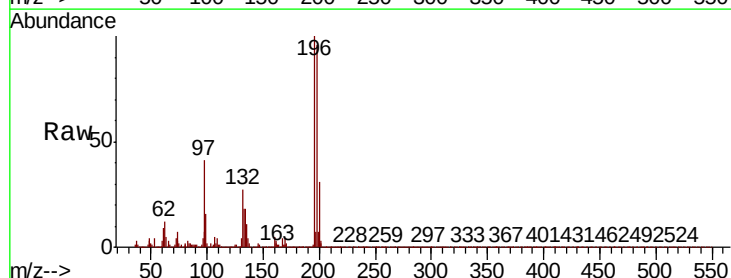
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

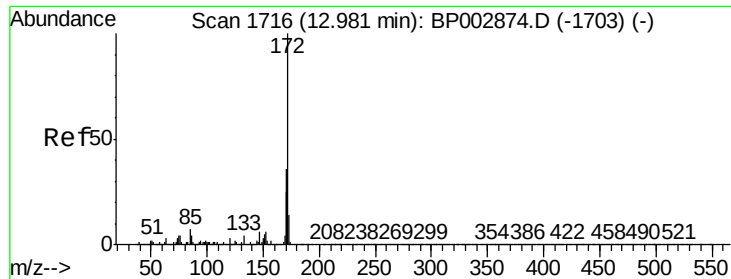
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.2	114.2
200	31.5	24.6	37.0



#44
2,4,5-Trichlorophenol
Concen: 43.165 ng
RT: 12.82 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.8	115.2
97	41.2	33.6	50.4
132	27.2	22.6	33.8

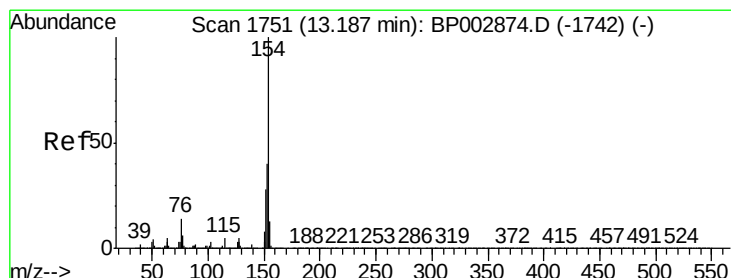
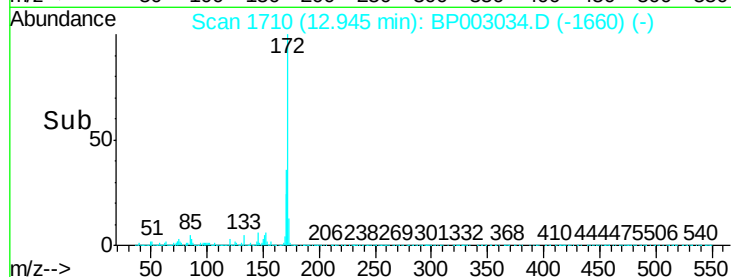
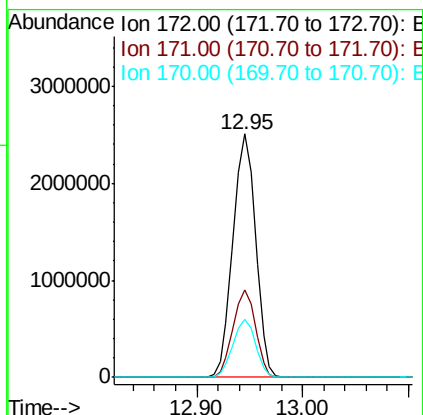
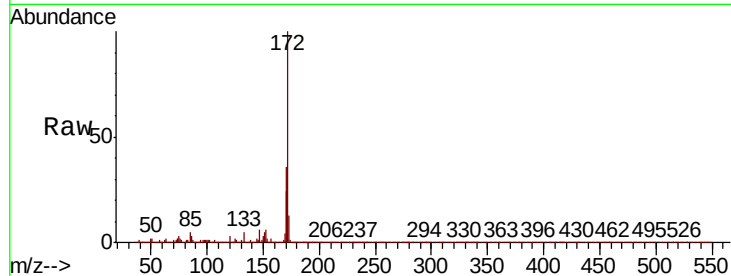




#45
2-Fluorobiphenyl
Concen: 83.523 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

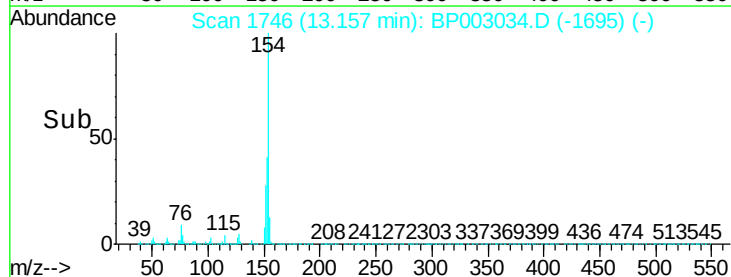
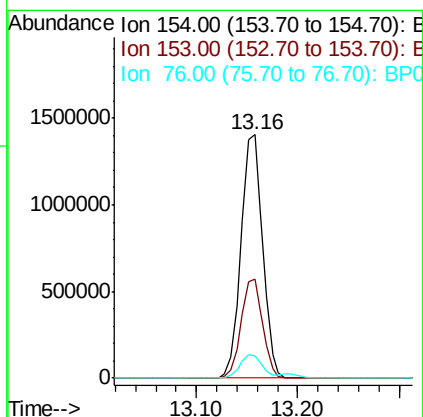
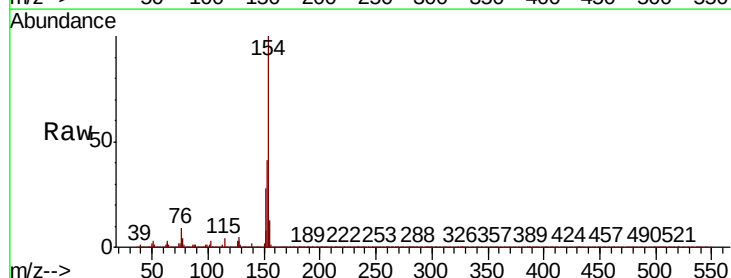
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

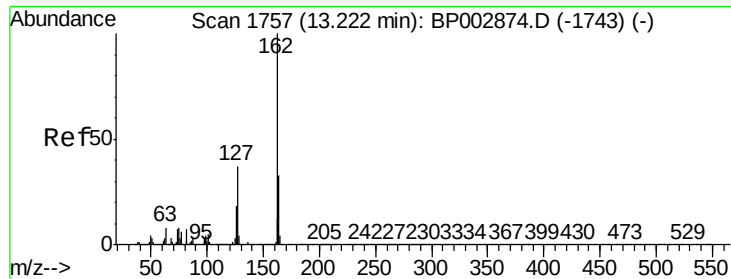
Tot Ion:172 Resp: 3721153
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.243 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:154 Resp: 2075425
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 9.3 0.0 30.1

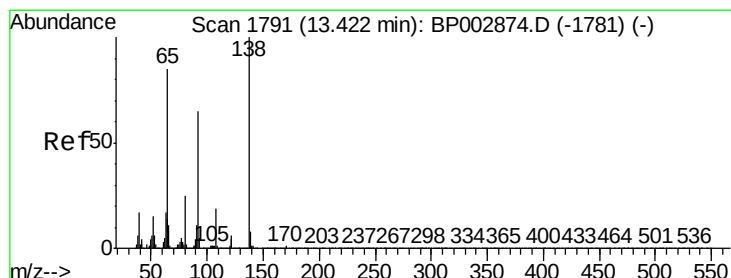
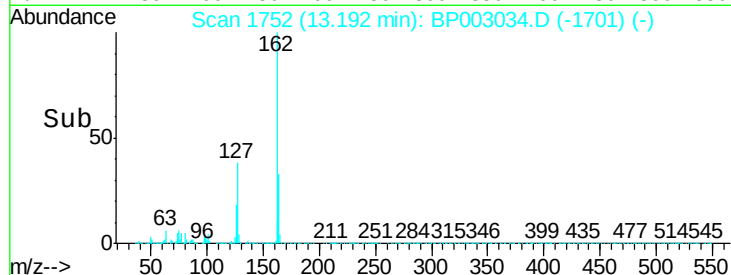
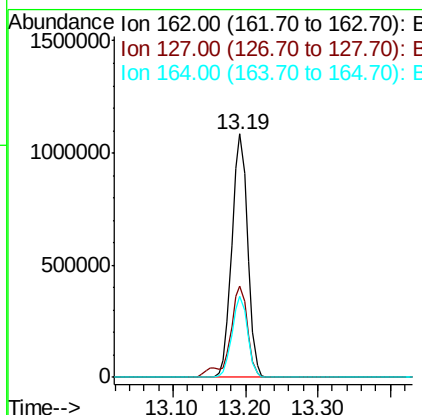
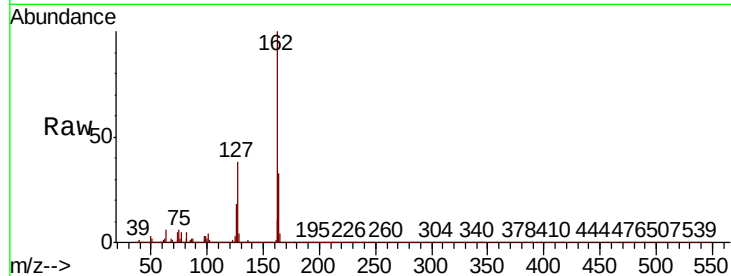




#47
2-Chloronaphthalene
Concen: 41.595 ng
RT: 13.19 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

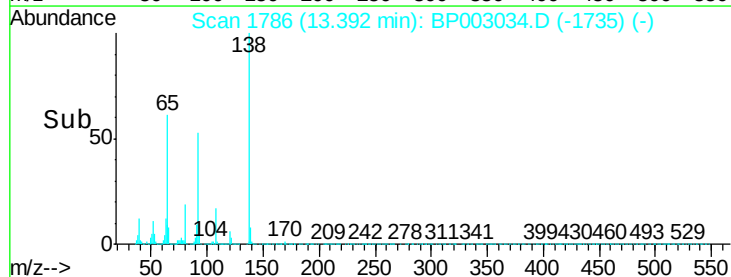
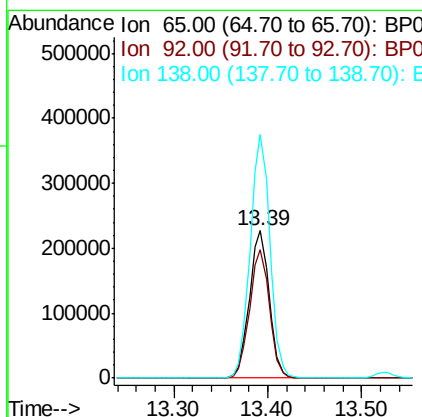
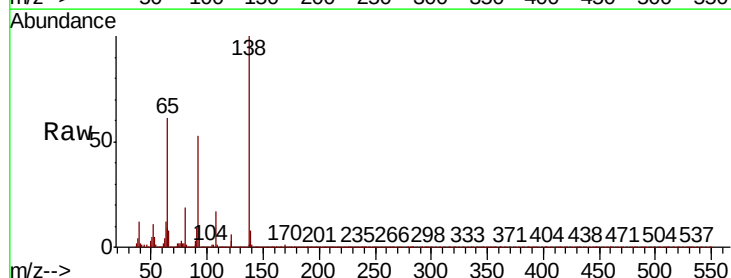
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

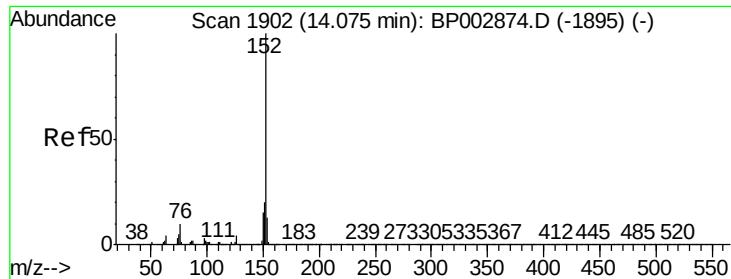
Tot Ion:162 Resp: 1639065
Ion Ratio Lower Upper
162 100
127 37.7 30.6 46.0
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 34.954 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion: 65 Resp: 331991
Ion Ratio Lower Upper
65 100
92 86.9 70.1 105.1
138 165.2 129.7 194.5





#49

Acenaphthylene

Concen: 41.376 ng

RT: 14.04 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

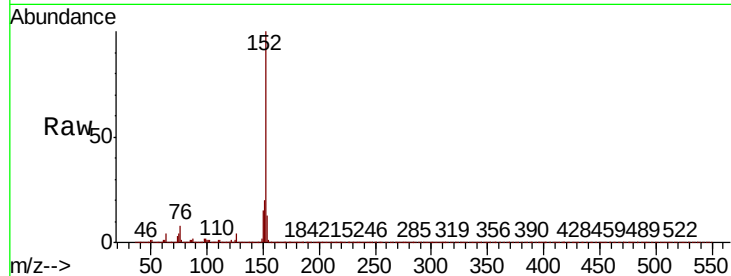
BNA_P

ClientSampleId :

PB131046BSD

Tot Ion:152 Resp: 2556985

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.3	10.7	16.1

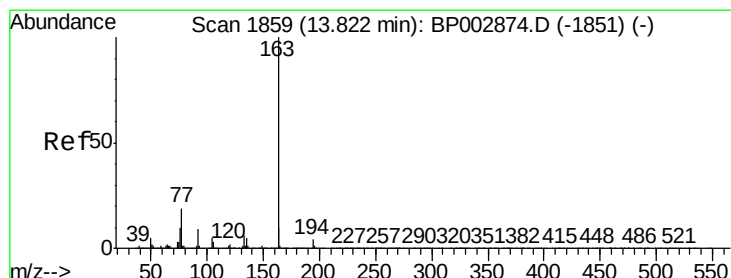
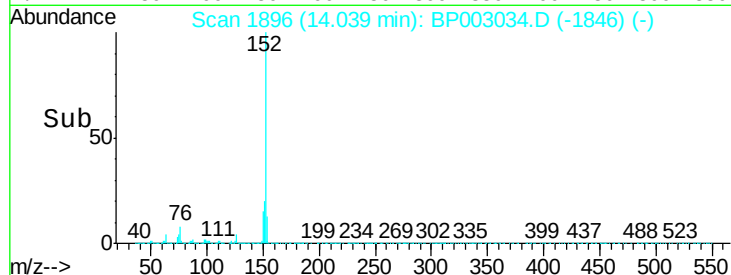
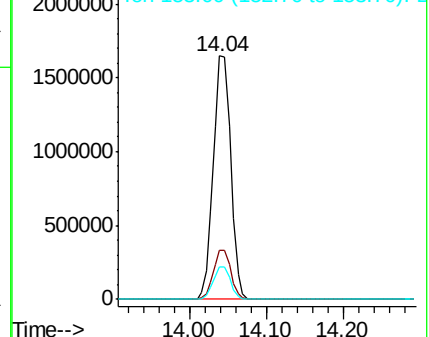


Abundance

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: 42.264 ng

RT: 13.79 min Scan# 1853

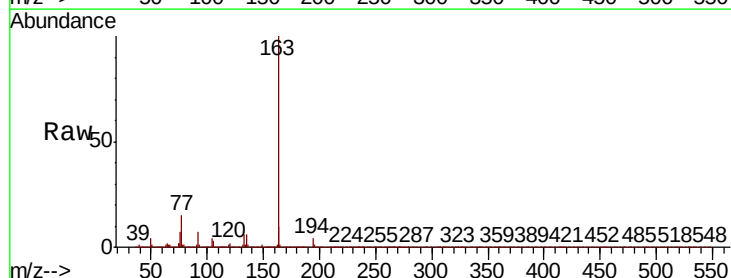
Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Tgt Ion:163 Resp: 2012150

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.1	12.1

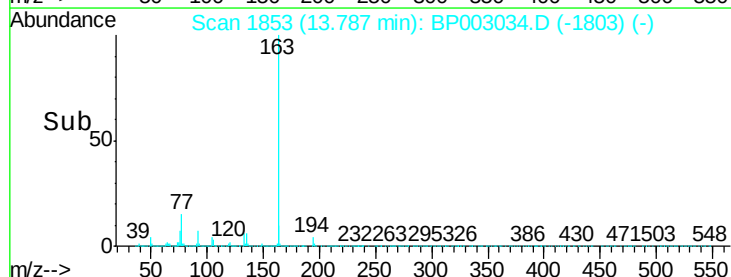
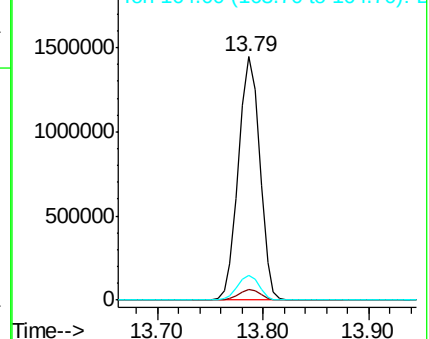


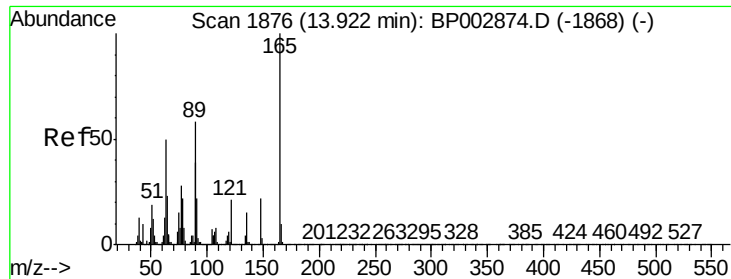
Abundance

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

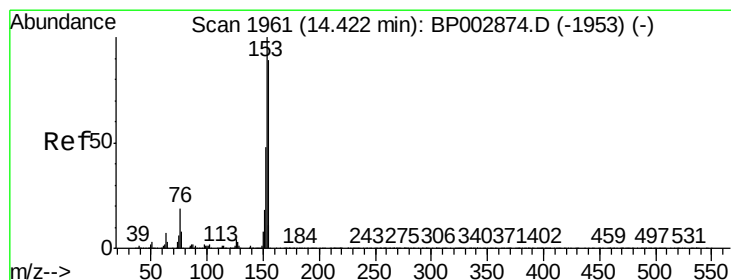
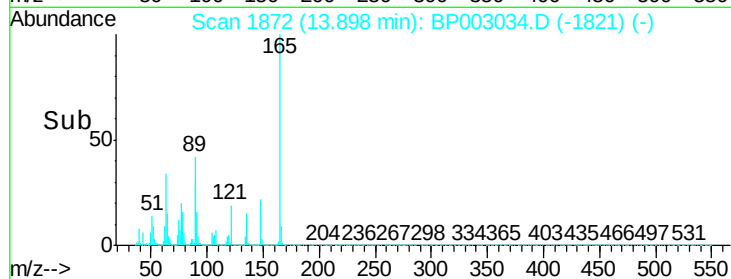
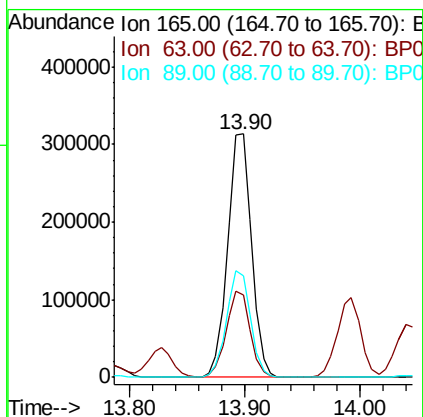
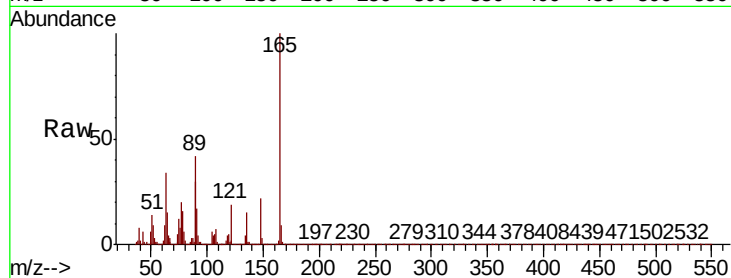




#51
 2,6-Dinitrotoluene
 Concen: 42.180 ng
 RT: 13.90 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

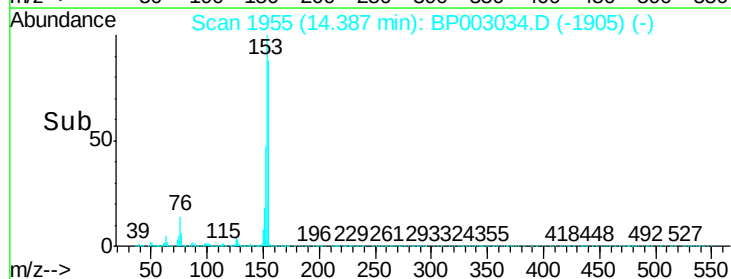
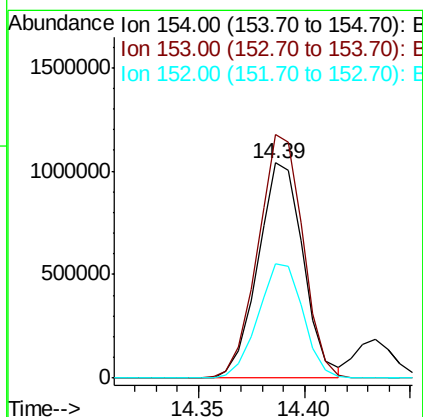
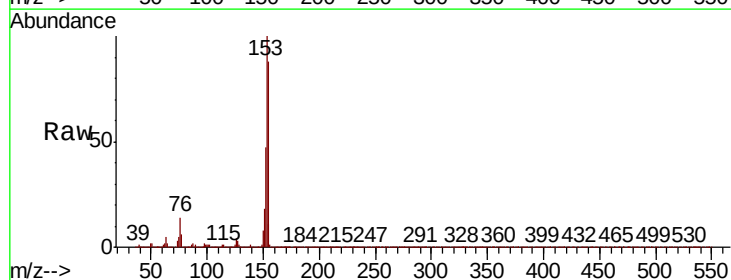
Instrument :
 BNA_P
 ClientSampleId :
 PB131046BSD

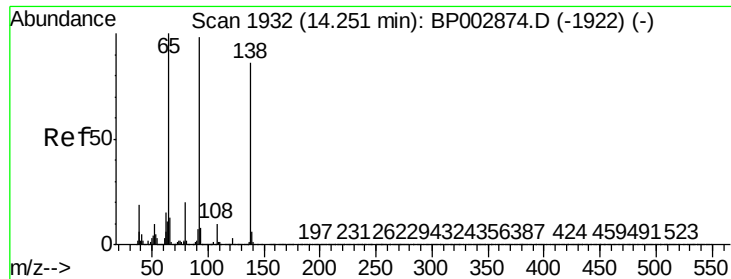
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.8	28.1	42.1
89	41.5	34.5	51.7



#52
 Acenaphthene
 Concen: 39.110 ng
 RT: 14.39 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.5	134.3
152	53.4	42.7	64.1

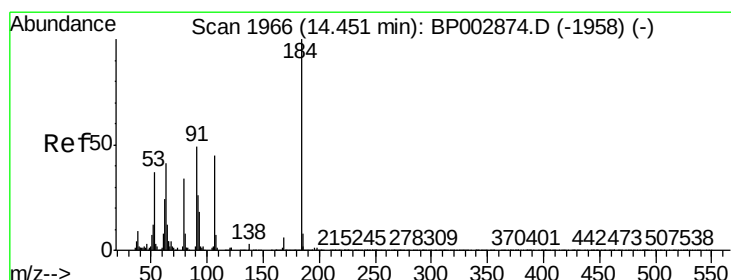
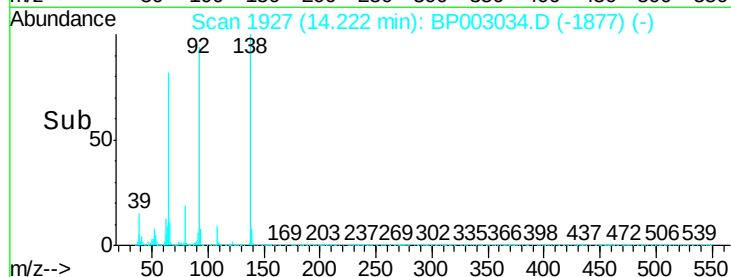
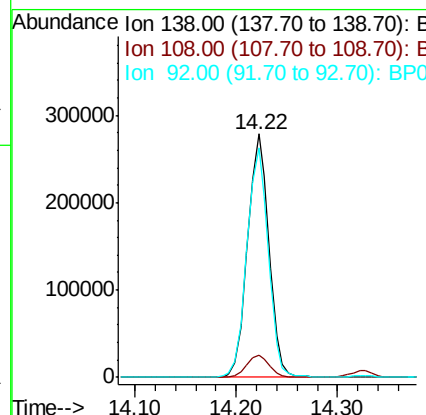
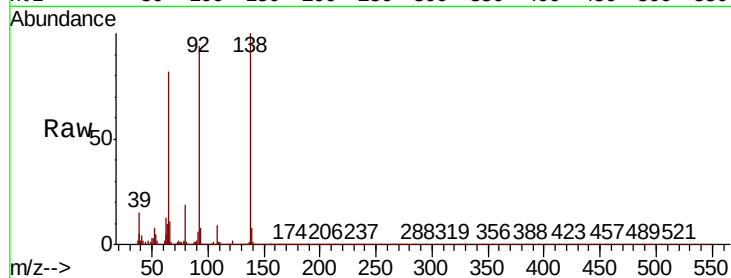




#53
3-Nitroaniline
Concen: 37.004 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

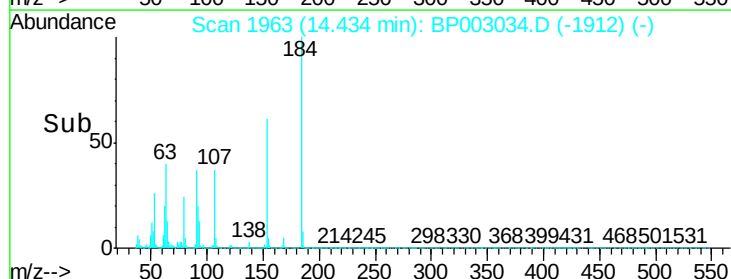
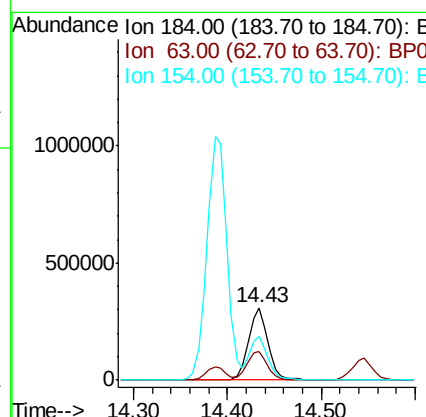
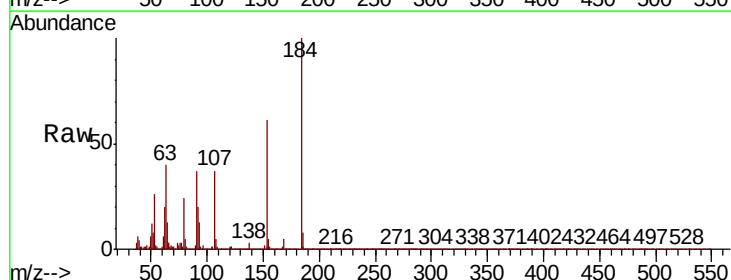
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

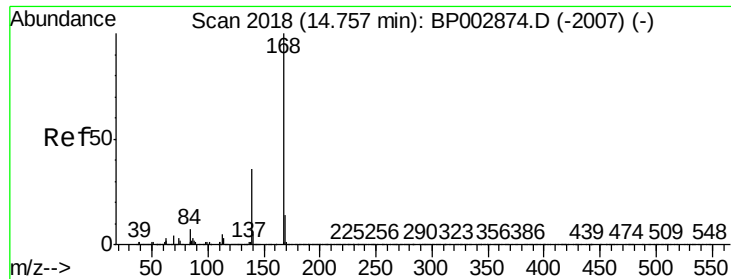
Tot Ion:138 Resp: 407928
Ion Ratio Lower Upper
138 100
108 9.2 7.7 11.5
92 94.0 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 95.957 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:184 Resp: 441932
Ion Ratio Lower Upper
184 100
63 40.1 33.0 49.6
154 60.9 46.8 70.2





#55

Dibenzofuran

Concen: 39.335 ng

RT: 14.73 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

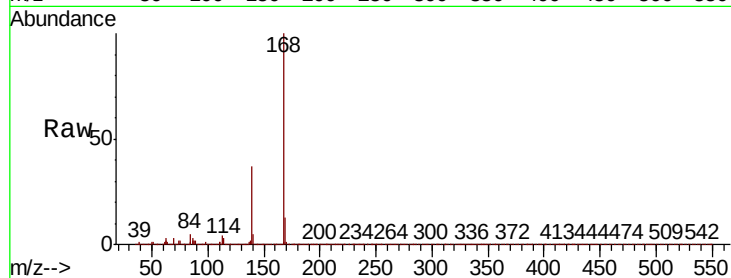
BNA_P

ClientSampleId :

PB131046BSD

Tot Ion:168 Resp: 2396492

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.4	45.6
169	13.4	11.0	16.4

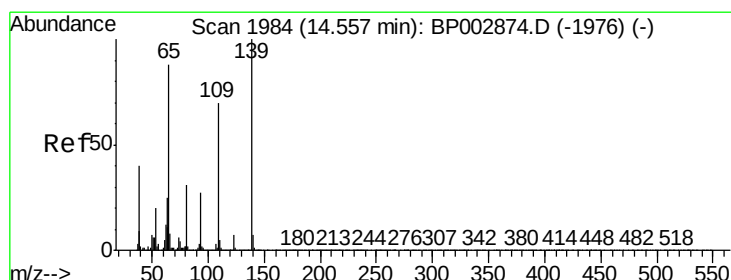
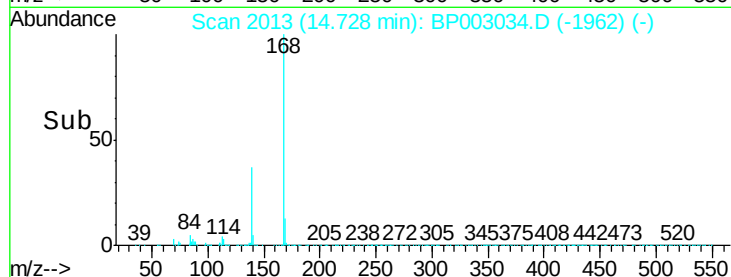
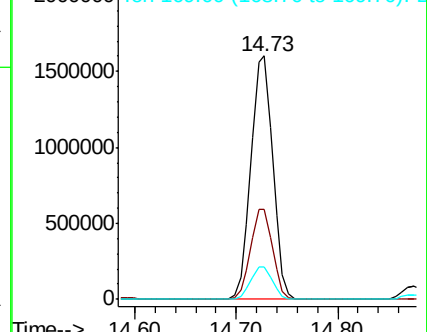


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 93.252 ng

RT: 14.55 min Scan# 1982

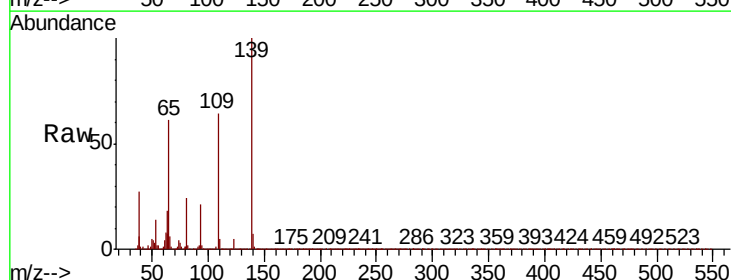
Delta R.T. 0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Tgt Ion:139 Resp: 787267

Ion	Ratio	Lower	Upper
139	100		
109	63.8	41.1	81.1
65	61.4	44.4	84.4

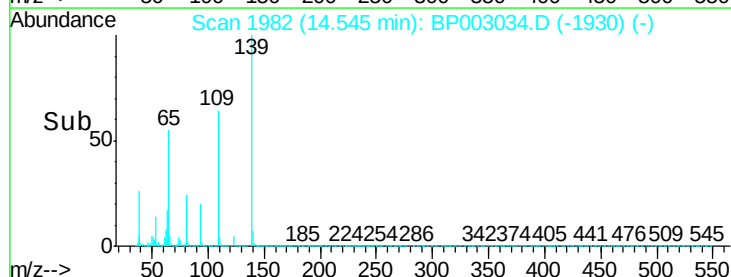
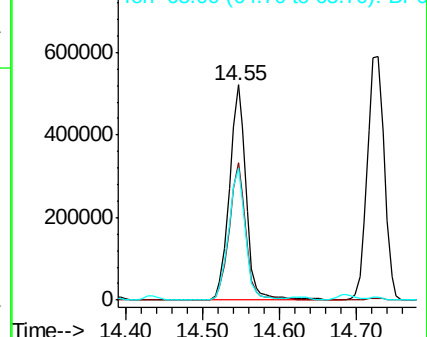


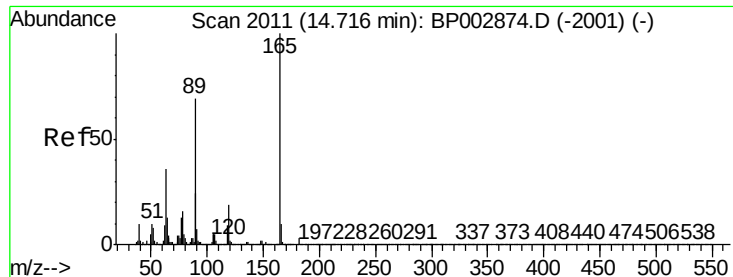
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

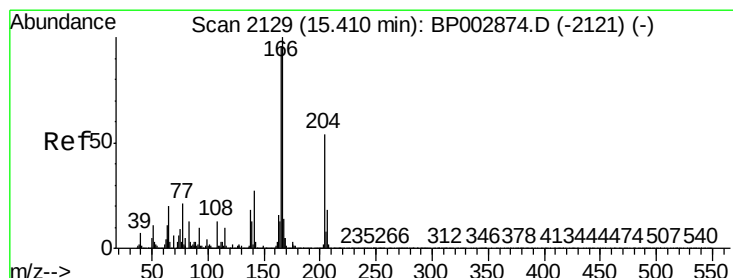
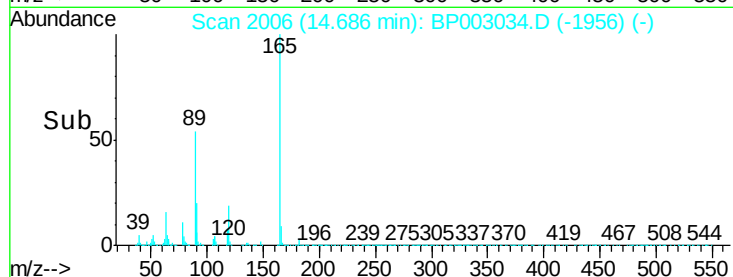
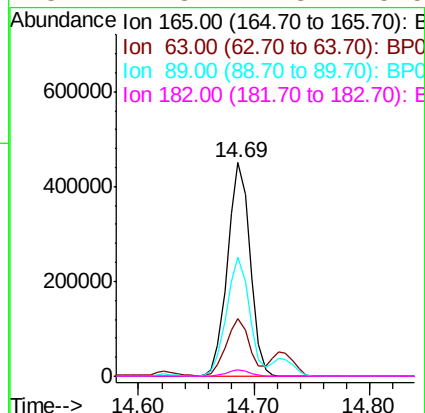
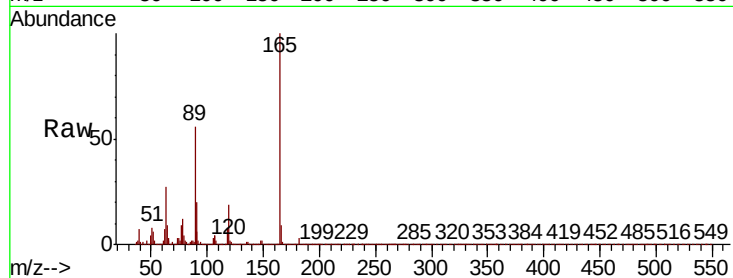




#57
2,4-Dinitrotoluene
Concen: 43.421 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

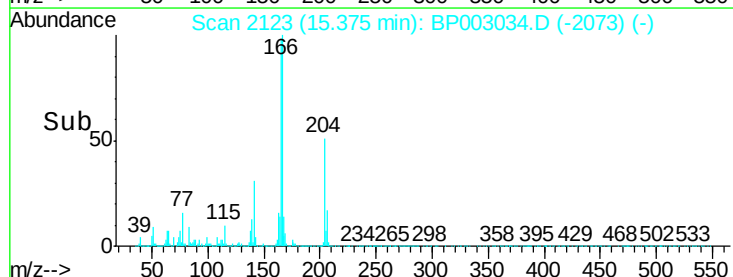
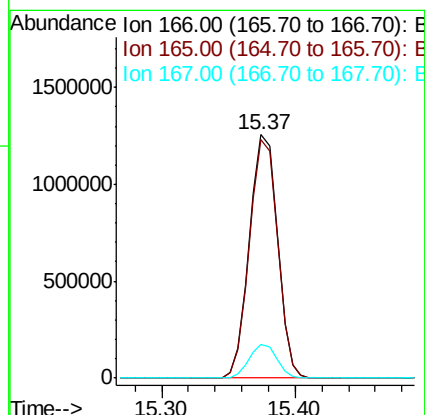
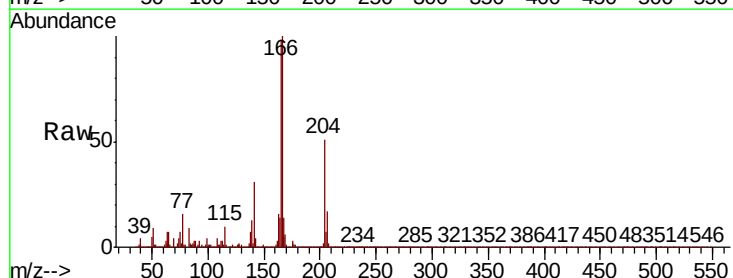
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

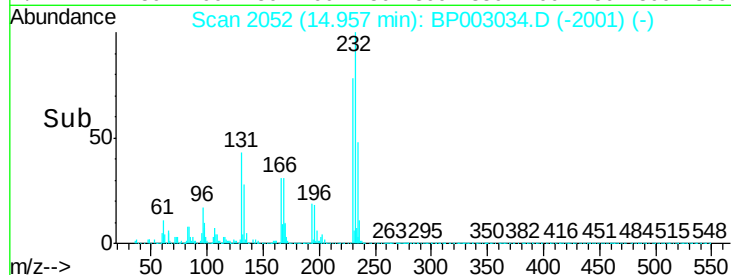
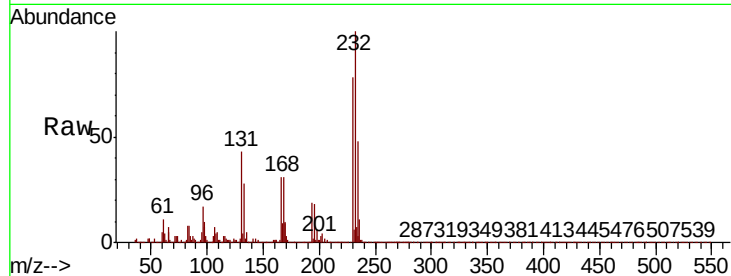
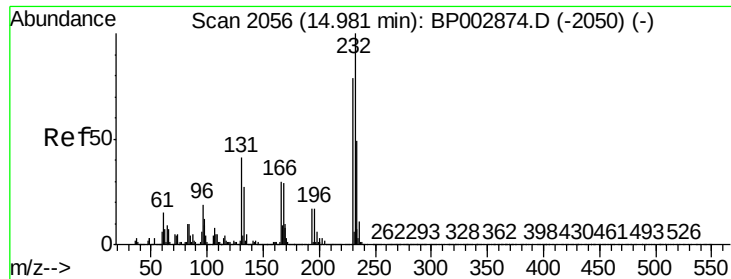
Tot Ion:165	Resp:	608566
Ion Ratio	Lower	Upper
165	100	
63	27.2	20.6 31.0
89	55.6	43.4 65.0
182	2.8	2.3 3.5



#58
Fluorene
Concen: 38.412 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:166	Resp:	1832292
Ion Ratio	Lower	Upper
166	100	
165	97.7	78.1 117.1
167	13.7	10.9 16.3

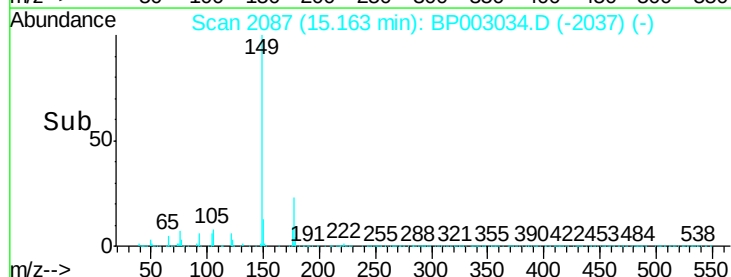
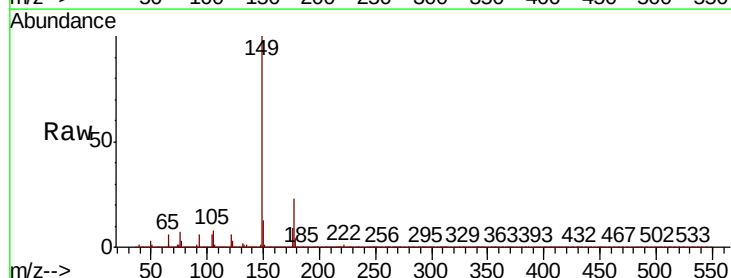
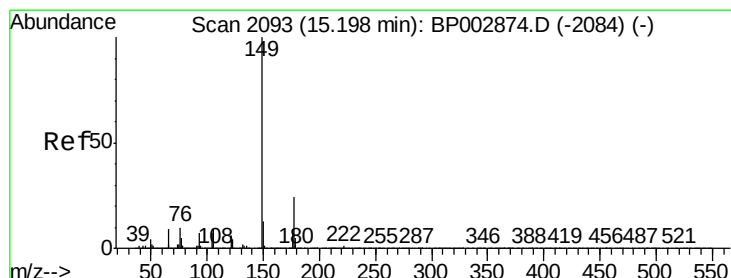
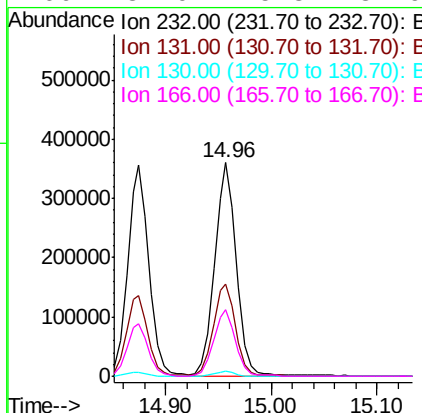




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.485 ng
RT: 14.96 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

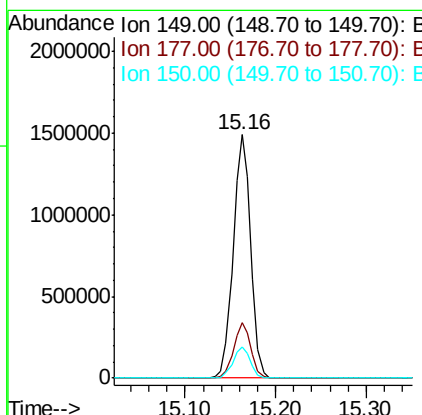
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

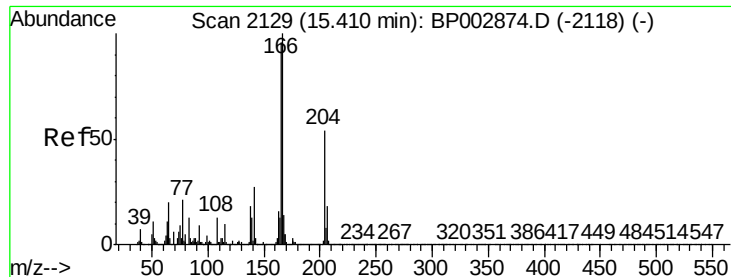
Tot Ion:	232	Resp:	516485
Ion Ratio	Lower	Upper	
232	100		
131	44.7	35.4	53.2
130	2.3	1.8	2.6
166	31.0	25.3	37.9



#60
Diethylphthalate
Concen: 42.981 ng
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:	149	Resp:	1999564
Ion Ratio	Lower	Upper	
149	100		
177	22.6	18.6	27.8
150	12.6	10.2	15.4

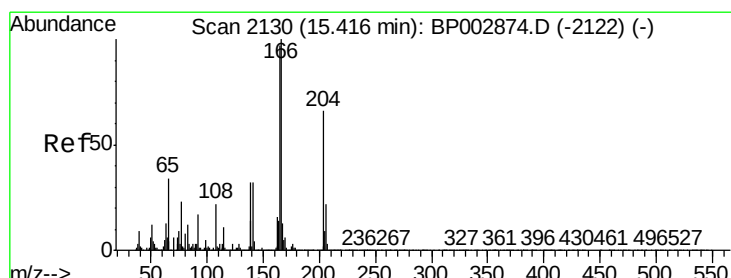
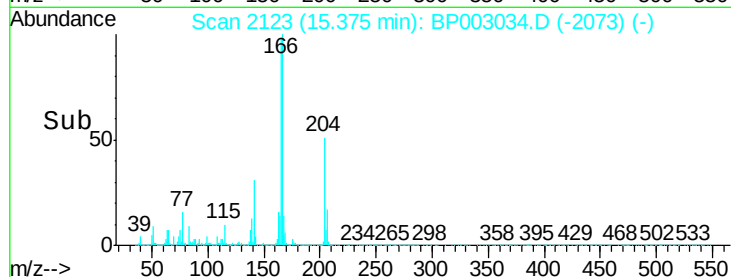
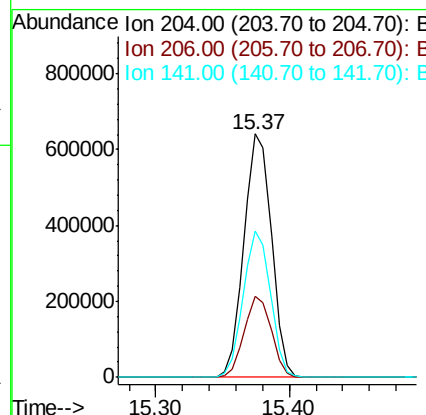
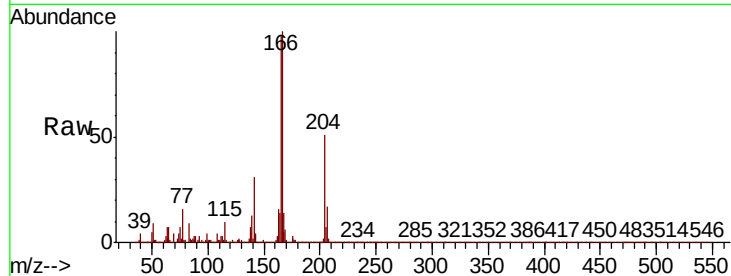




#61
4-Chlorophenyl-phenylether
Concen: 37.177 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

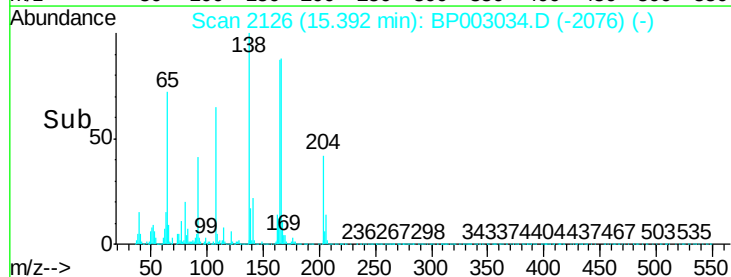
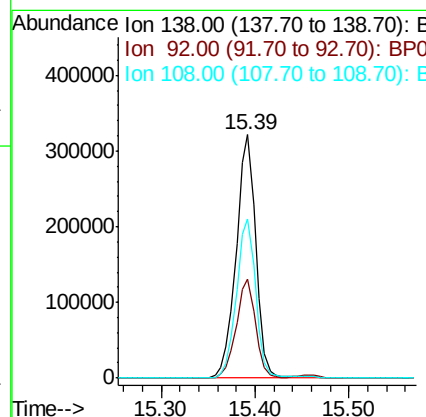
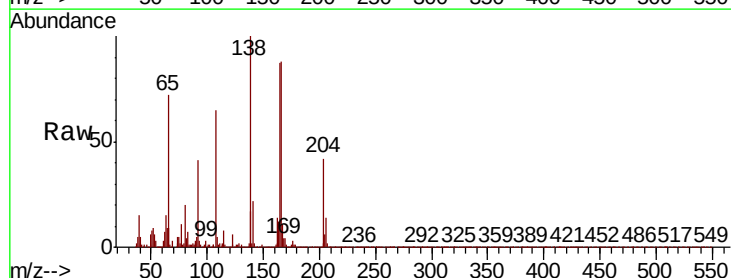
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

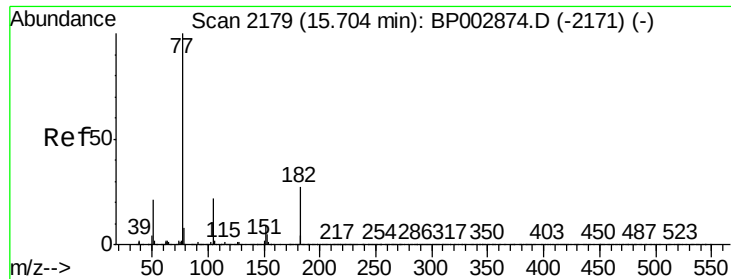
Tot Ion:204 Resp: 912710
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 60.2 45.9 68.9



#62
4-Nitroaniline
Concen: 42.722 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:138 Resp: 468896
Ion Ratio Lower Upper
138 100
92 40.8 21.4 61.4
108 65.3 40.8 80.8

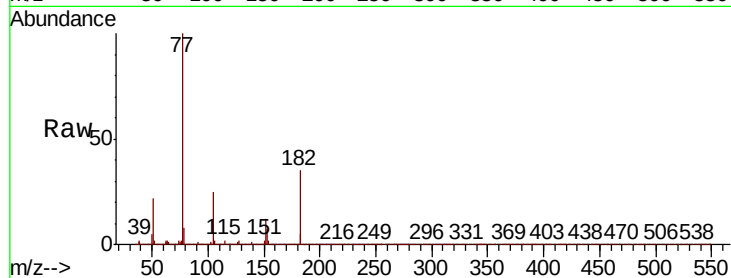




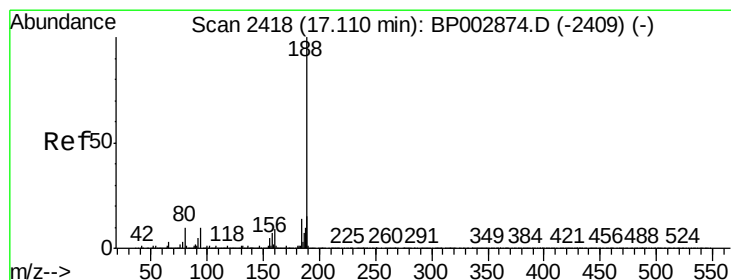
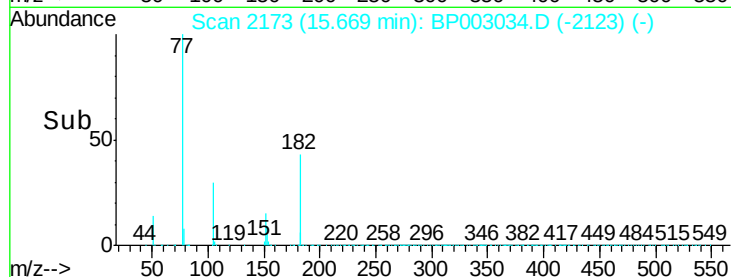
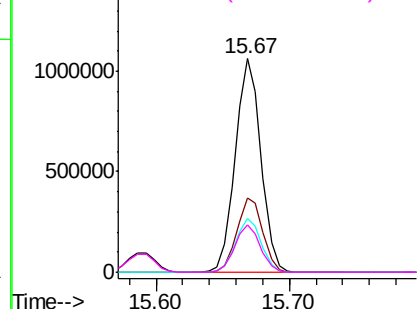
#63
Azobenzene
Concen: 30.341 ng
RT: 15.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Instrument :
BNA_P
ClientSampleId :
PB131046BSD

Tot Ion:	77	Resp:	1421006
Ion	Ratio	Lower	Upper
77	100		
182	34.8	15.4	55.4
105	25.0	5.8	45.8
51	22.1	1.0	41.0

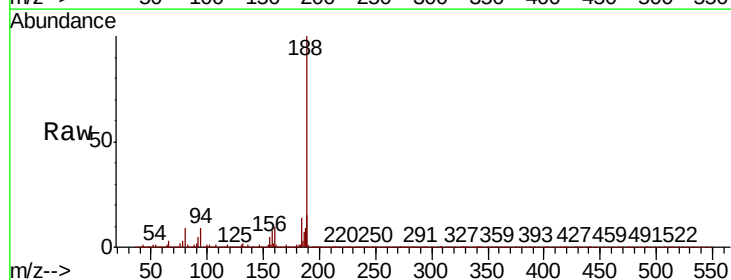


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

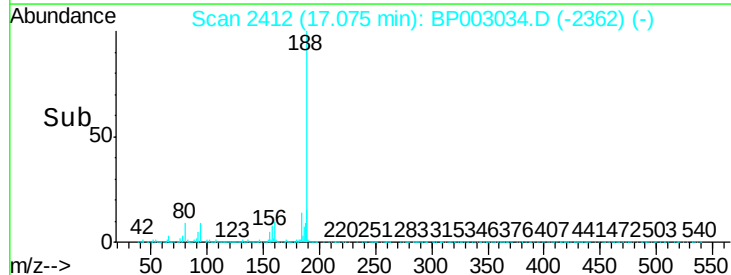
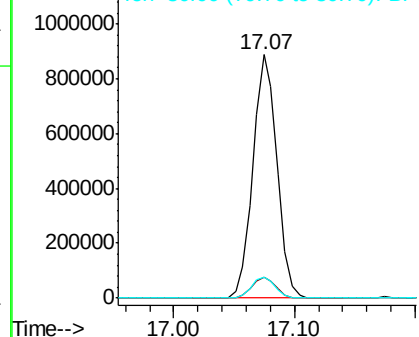


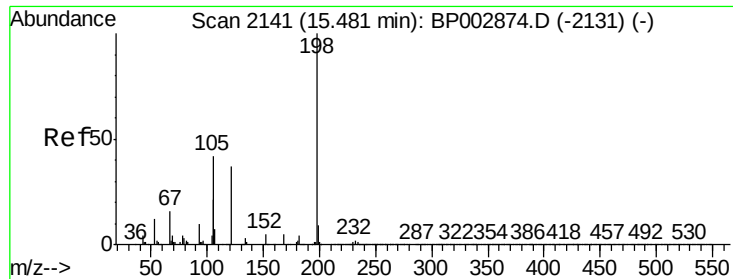
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:	188	Resp:	1230373
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	8.6	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: 49.373 ng

RT: 15.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

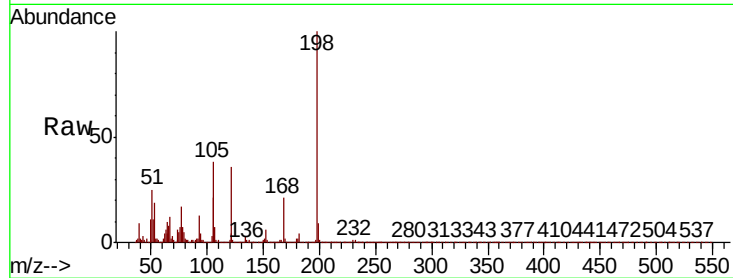
Tot Ion:198 Resp: 317990

Ion Ratio Lower Upper

198 100

51 24.6 6.2 46.2

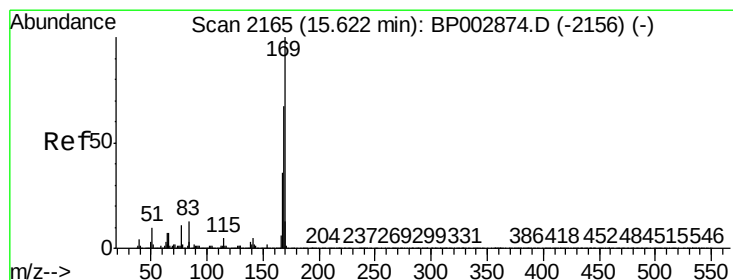
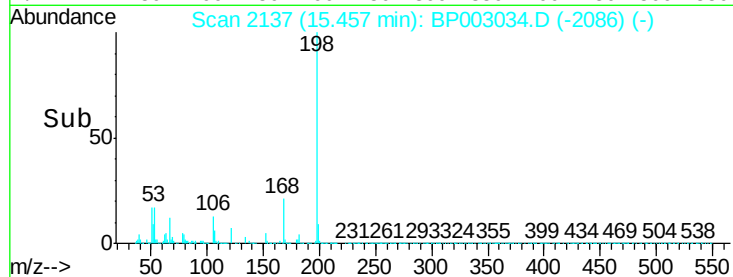
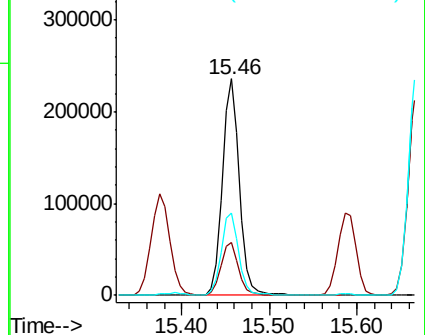
105 37.8 19.9 59.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.061 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

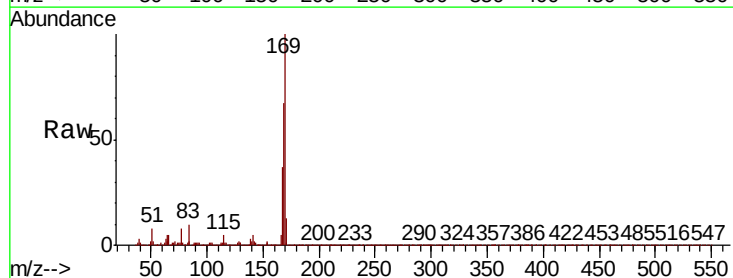
Tgt Ion:169 Resp: 1673181

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.2

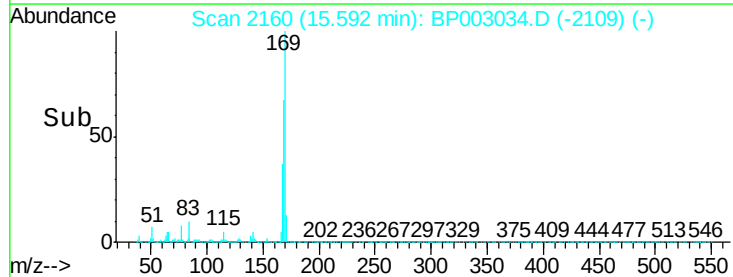
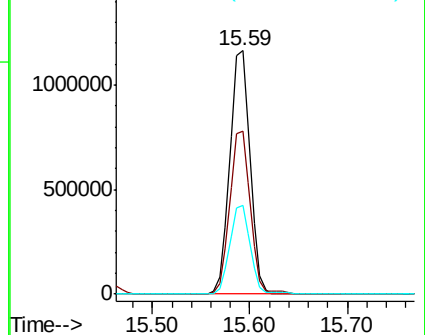
167 36.5 28.8 43.2

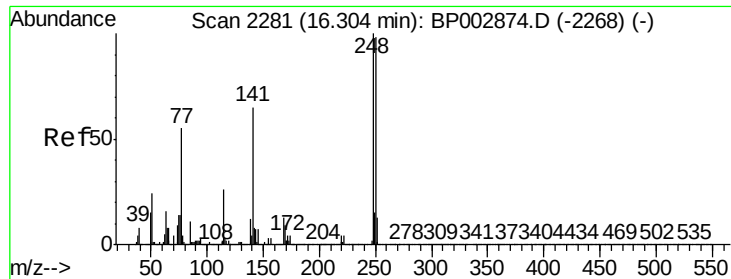


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

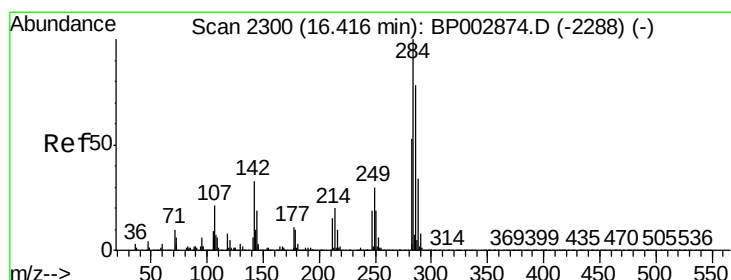
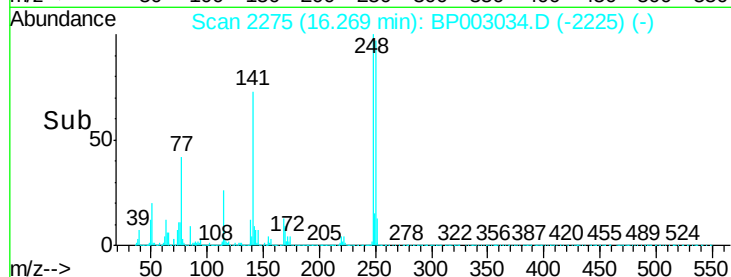
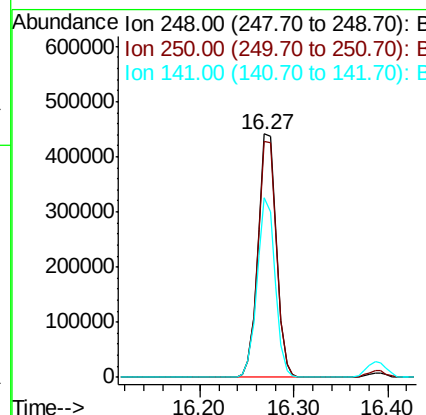
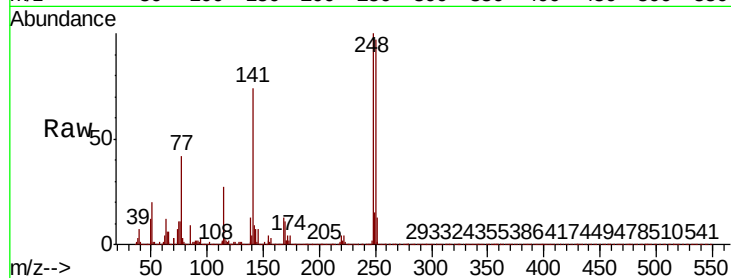




#67
4-Bromophenyl-phenylether
Concen: 39.910 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

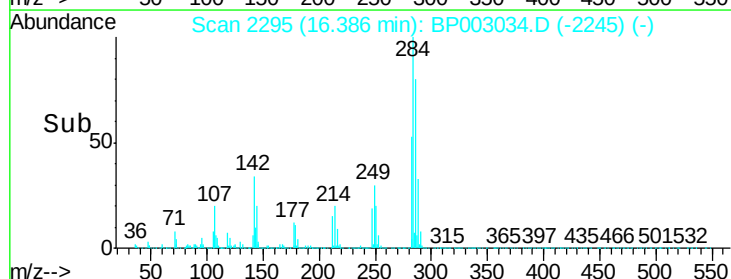
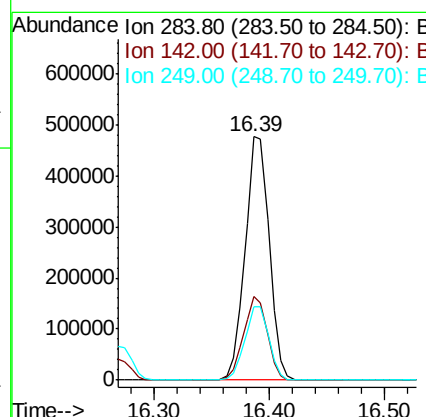
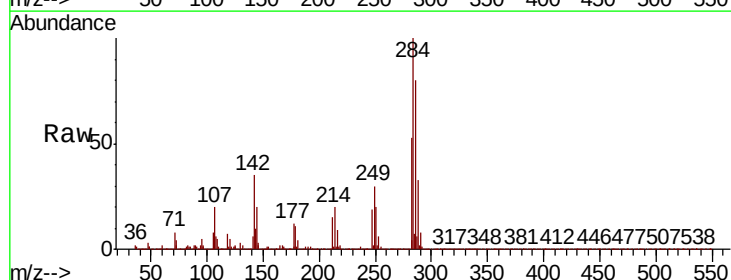
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

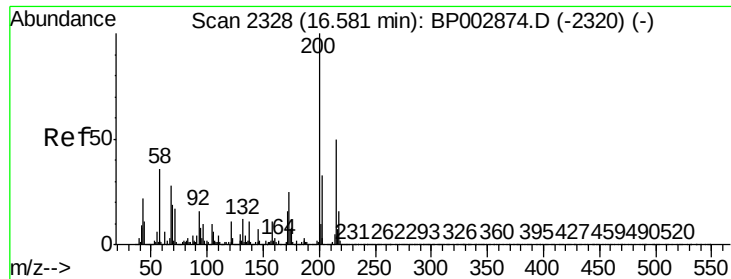
Tot Ion:248 Resp: 597400
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 73.8 57.8 86.6



#68
Hexachlorobenzene
Concen: 39.692 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:284 Resp: 687204
Ion Ratio Lower Upper
284 100
142 34.5 27.6 41.4
249 30.3 24.6 37.0

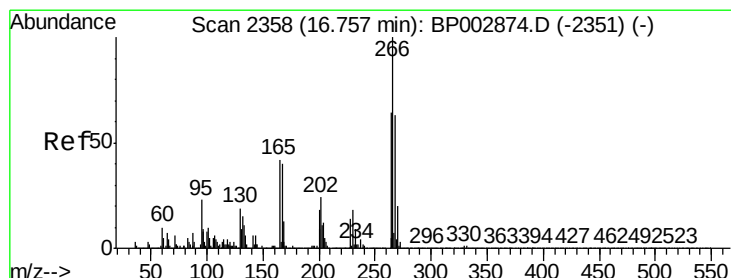
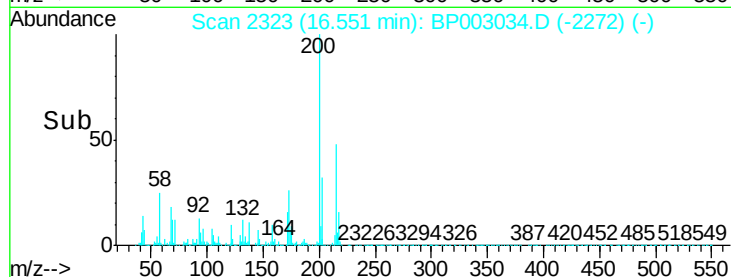
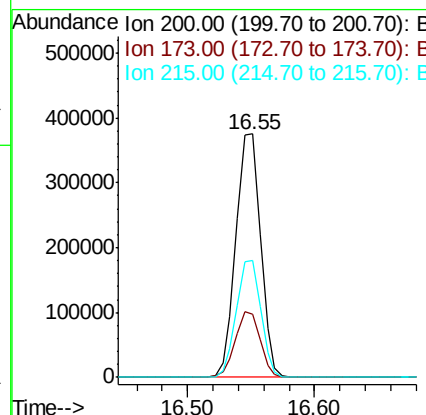
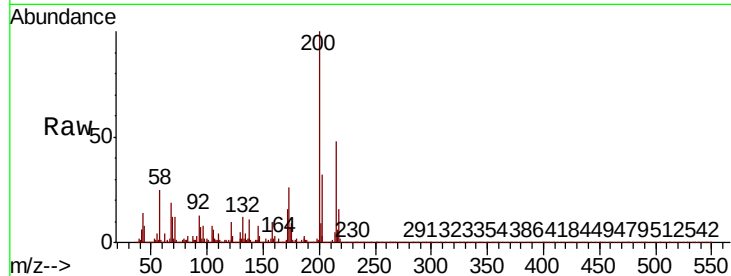




#69
Atrazine
Concen: 36.562 ng
RT: 16.55 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

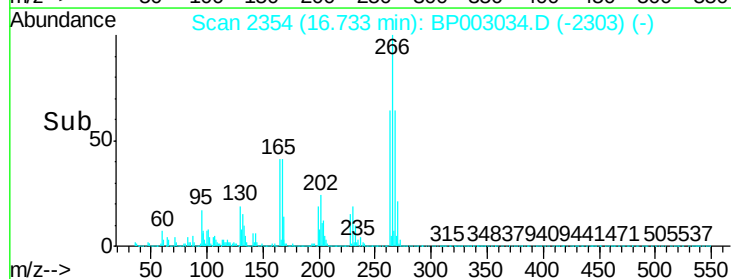
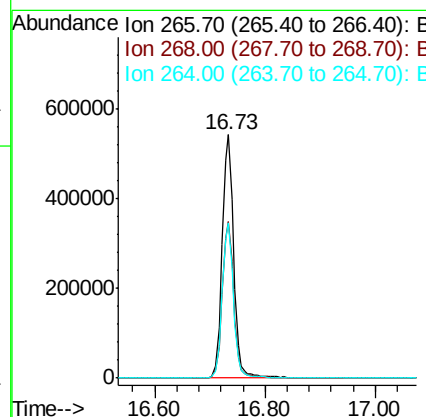
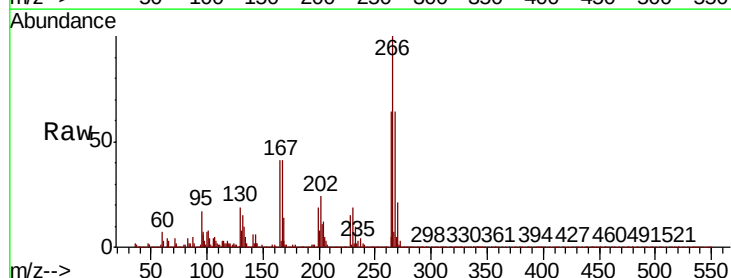
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

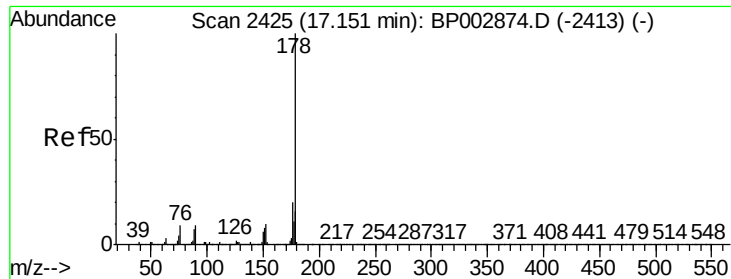
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	7.5	47.5
215	48.2	27.6	67.6



#70
Pentachlorophenol
Concen: 88.870 ng
RT: 16.73 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.9	76.3
264	63.8	50.4	75.6

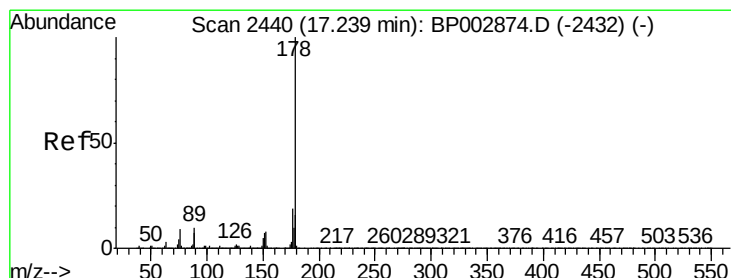
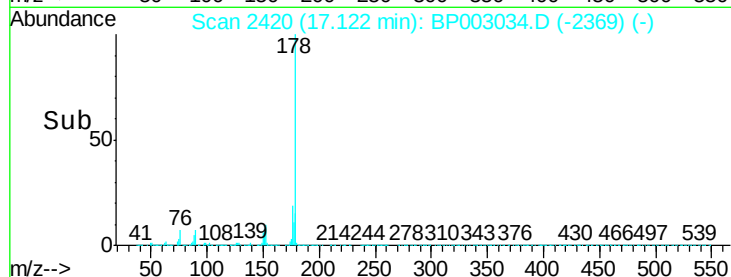
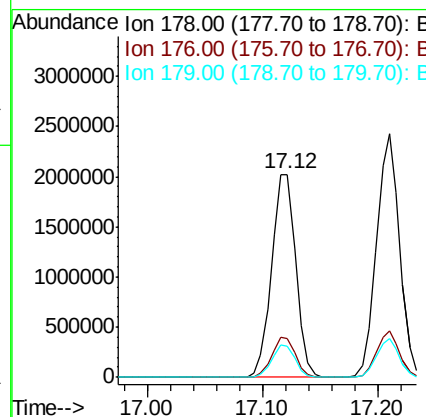
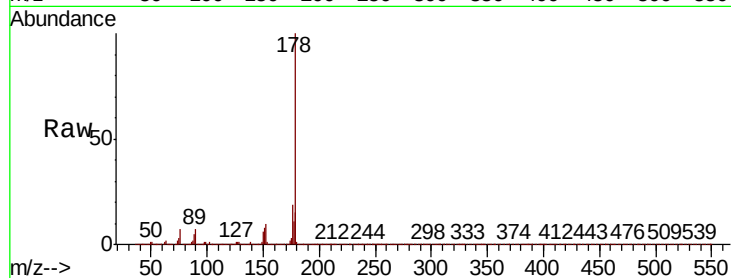




#71
Phenanthrene
Concen: 41.001 ng
RT: 17.12 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

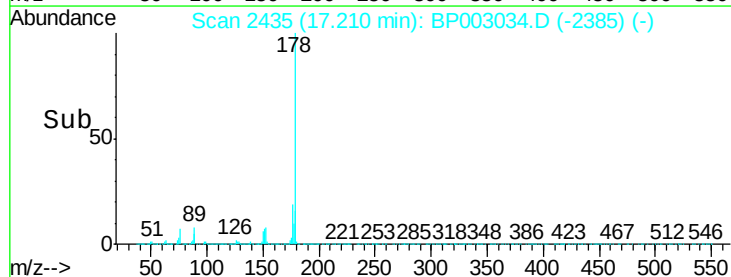
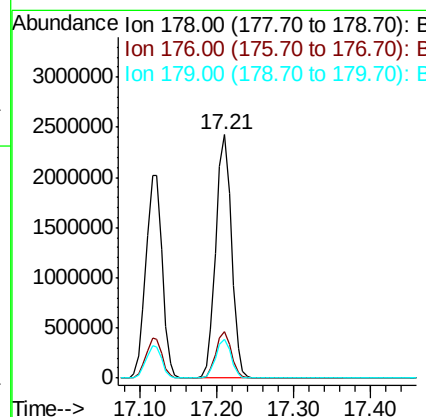
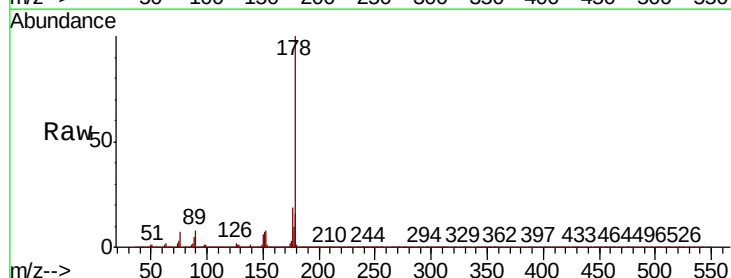
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

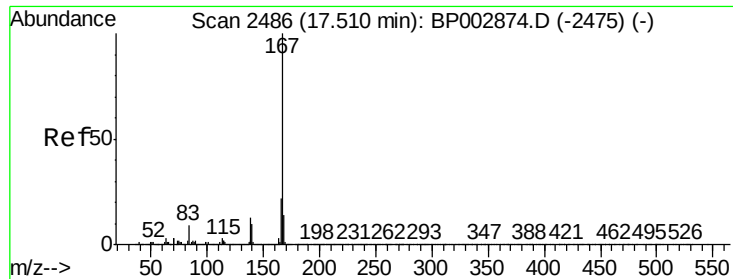
Tot Ion:178 Resp: 2958190
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.3 12.9 19.3



#72
Anthracene
Concen: 47.939 ng
RT: 17.21 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:178 Resp: 3380454
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.9 12.7 19.1





#73

Carbazole

Concen: 46.159 ng

RT: 17.48 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

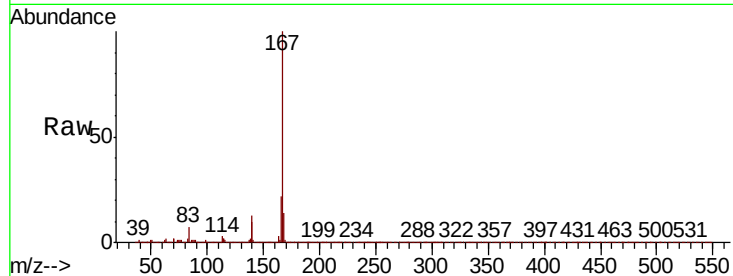
BNA_P

ClientSampleId :

PB131046BSD

Tot Ion:167 Resp: 3178719

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.8	10.6	16.0

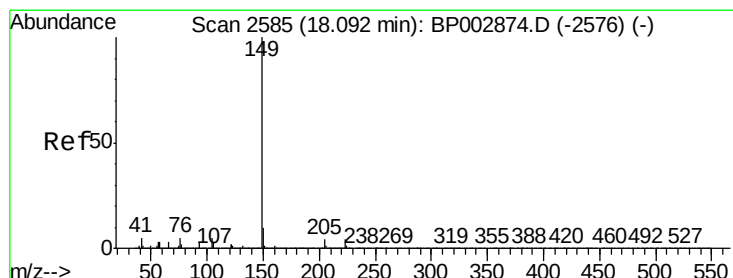
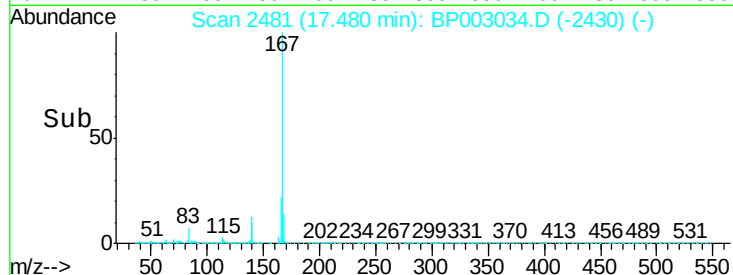
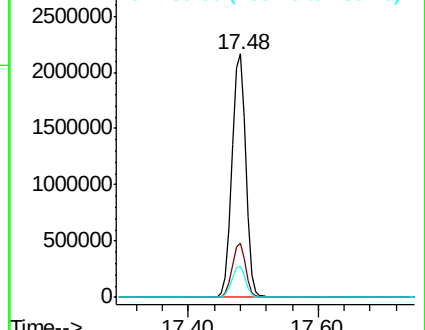


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 52.444 ng

RT: 18.05 min Scan# 2578

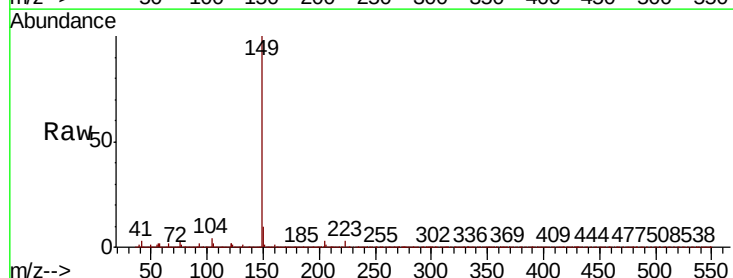
Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Tgt Ion:149 Resp: 3799152

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.3	3.5	5.3

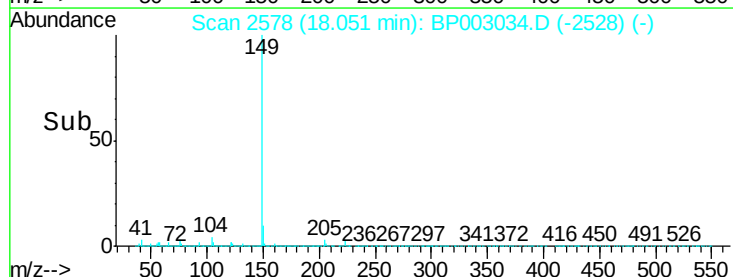
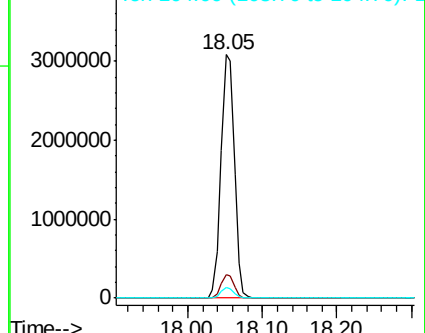


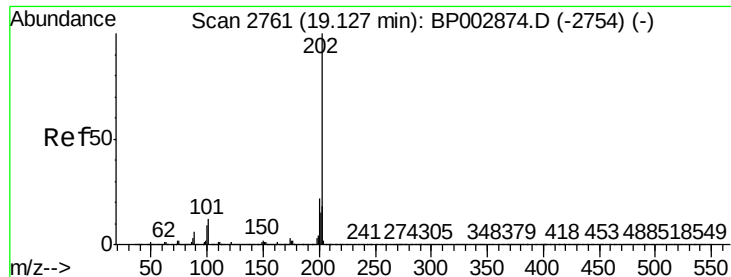
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.048 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

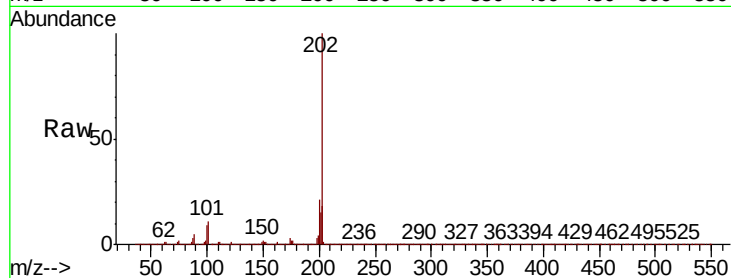
BNA_P

ClientSampleId :

PB131046BSD

Tot Ion:202 Resp: 3827750

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.2
203	18.1	0.0	38.4

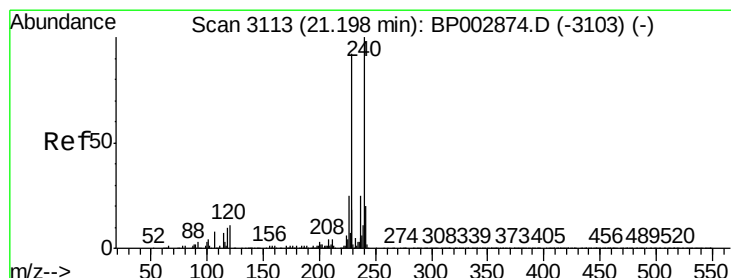
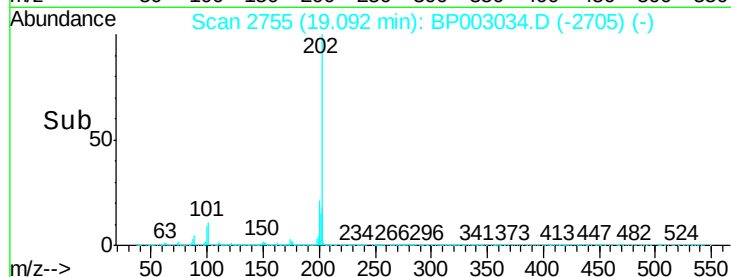
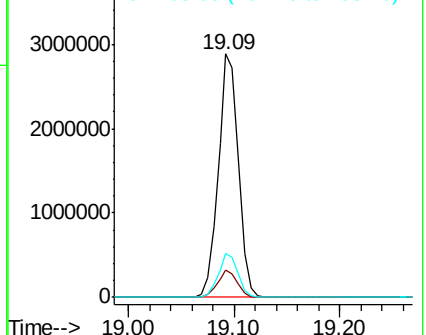


Abundance

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

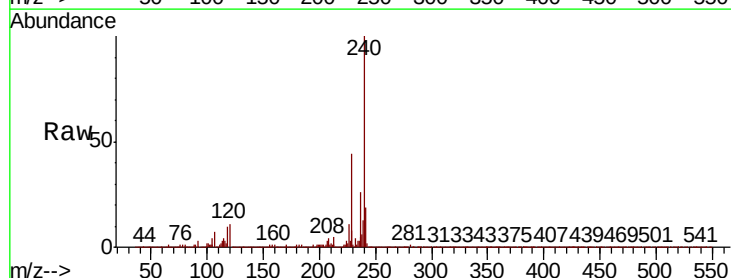
Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Tgt Ion:240 Resp: 1295617

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.9	20.8	31.2

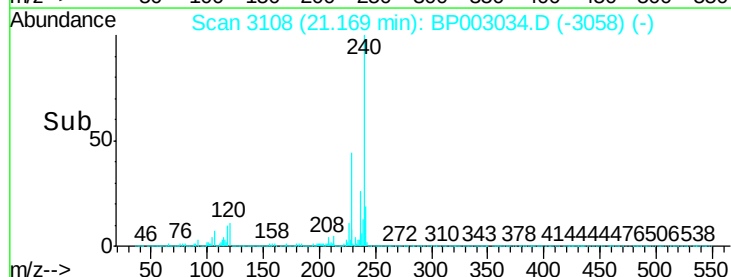
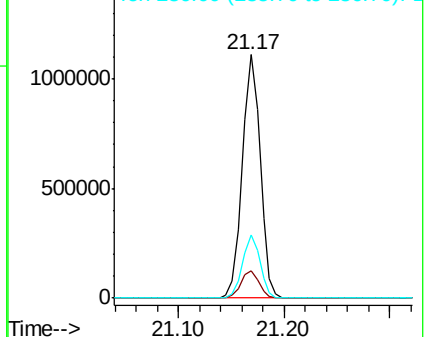


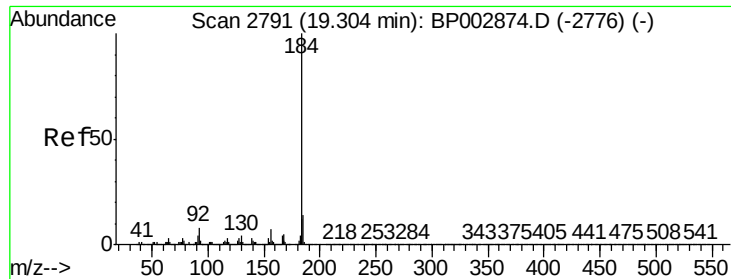
Abundance

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

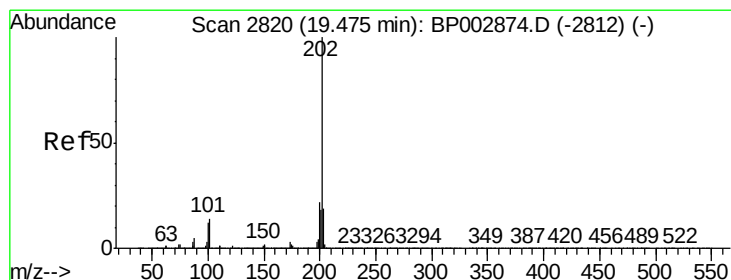
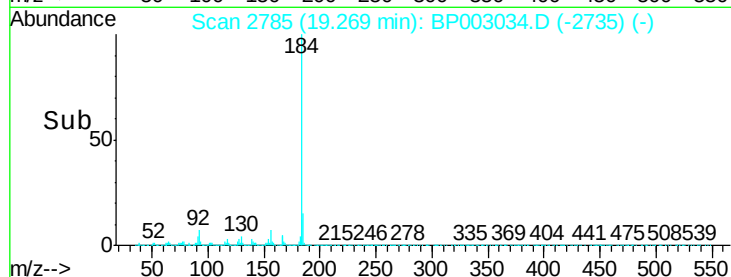
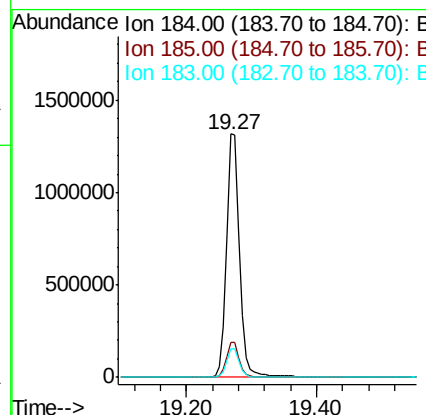
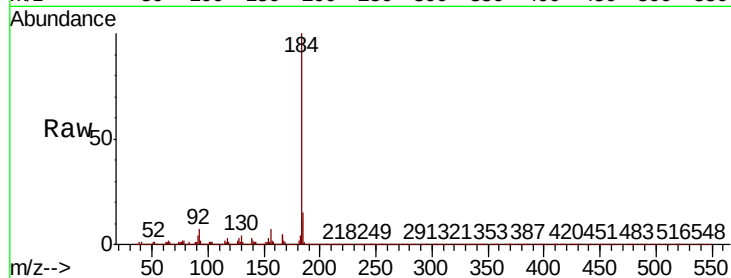




#77
Benzidine
Concen: 46.379 ng
RT: 19.27 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

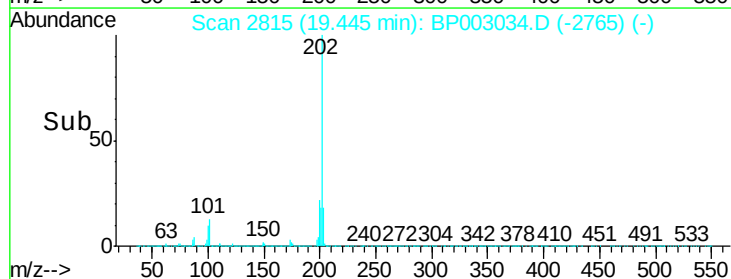
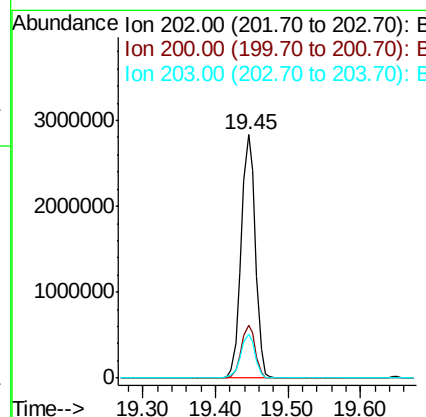
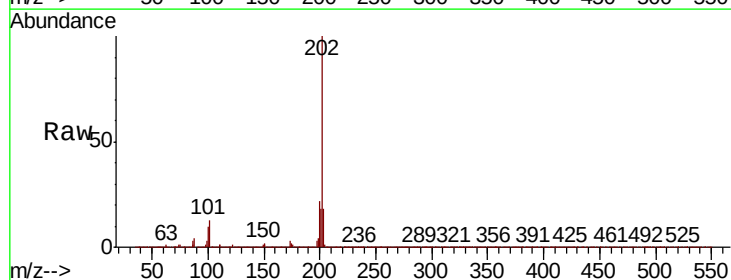
Instrument :
BNA_P
ClientSampleId :
PB131046BSD

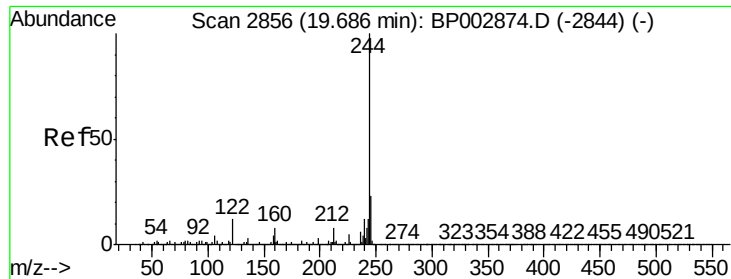
Tot Ion:184 Resp: 1832349
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.6 9.4 14.0



#78
Pyrene
Concen: 42.525 ng
RT: 19.45 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:202 Resp: 3851573
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 85.196 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

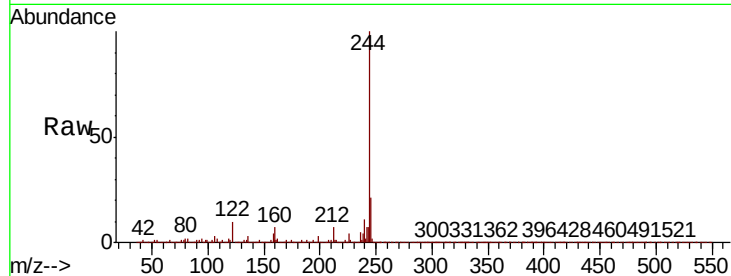
Tot Ion:244 Resp: 5513688

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

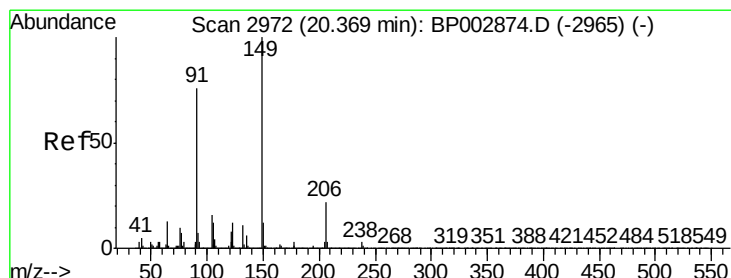
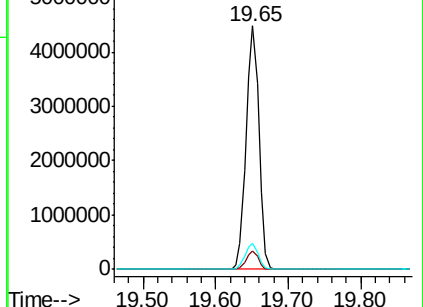
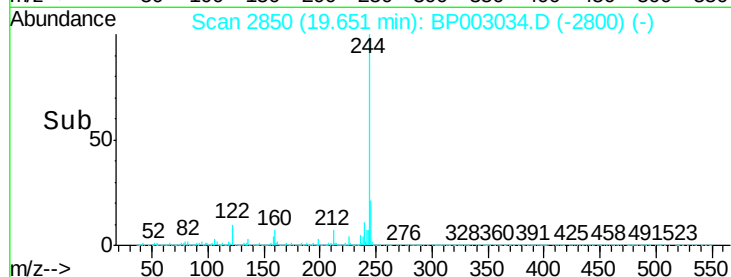
122 10.4 8.7 13.1



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: 46.342 ng

RT: 20.33 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

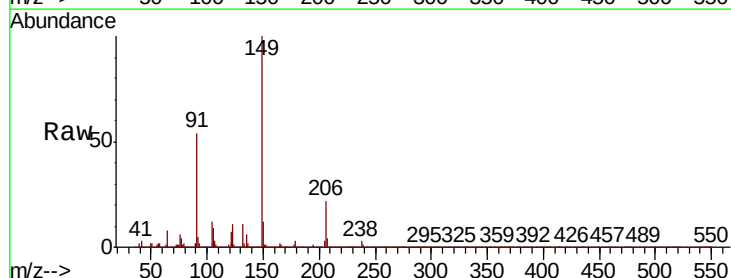
Tgt Ion:149 Resp: 1700885

Ion Ratio Lower Upper

149 100

91 54.4 45.3 67.9

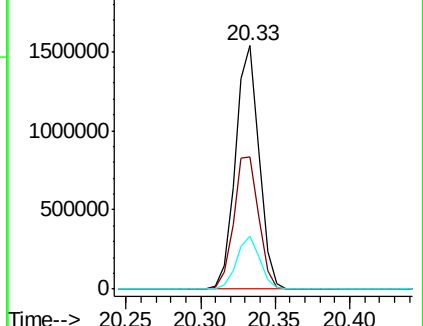
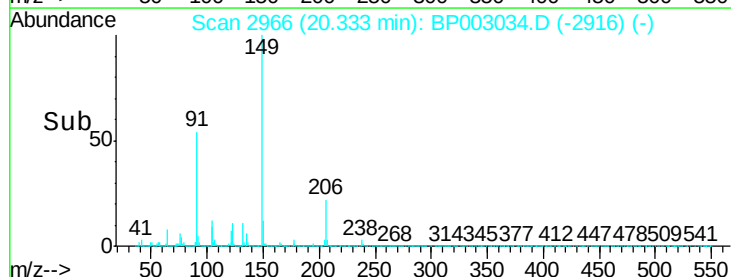
206 21.6 17.5 26.3

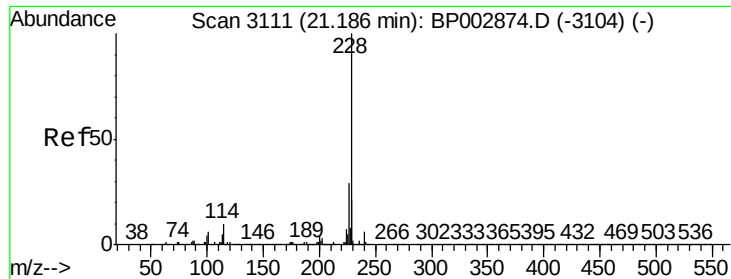


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.638 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

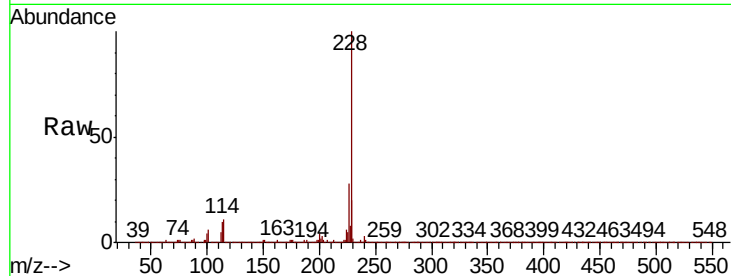
BNA_P

ClientSampleId :

PB131046BSD

Tot Ion:228 Resp: 3586376

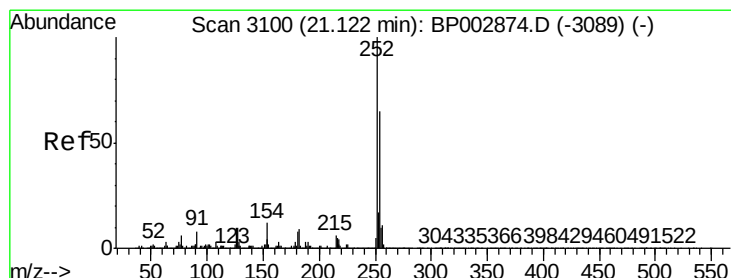
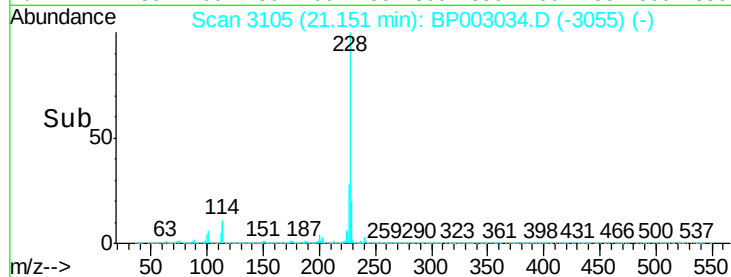
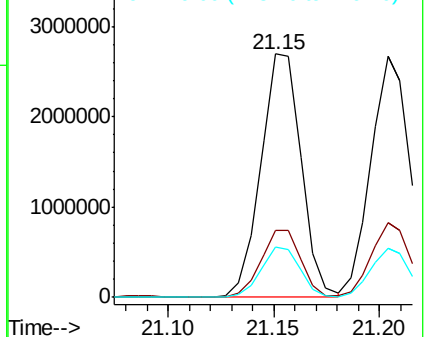
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.5	16.5	24.7



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: 39.088 ng

RT: 21.09 min Scan# 3094

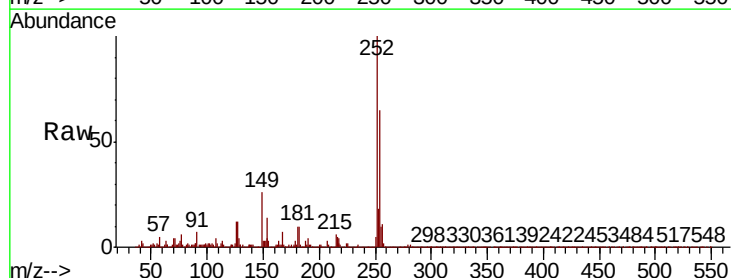
Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Tgt Ion:252 Resp: 1365356

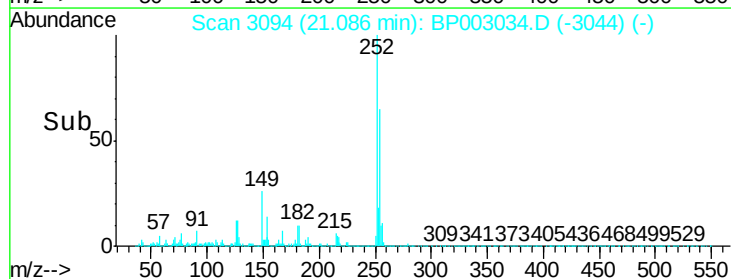
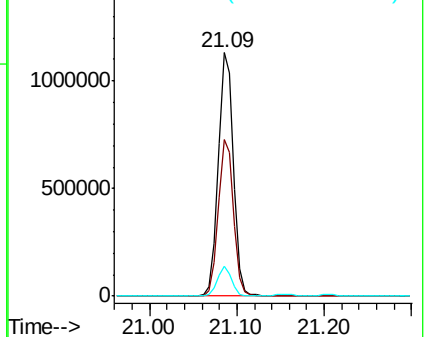
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	12.0	9.4	14.0

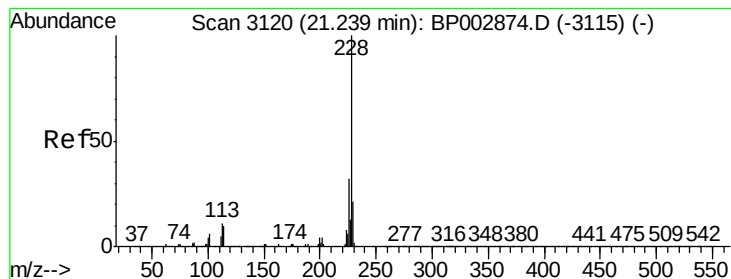


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.050 ng

RT: 21.20 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

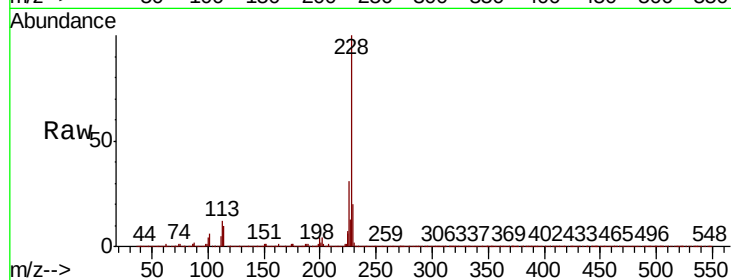
BNA_P

ClientSampleId :

PB131046BSD

Tot Ion:228 Resp: 3417310

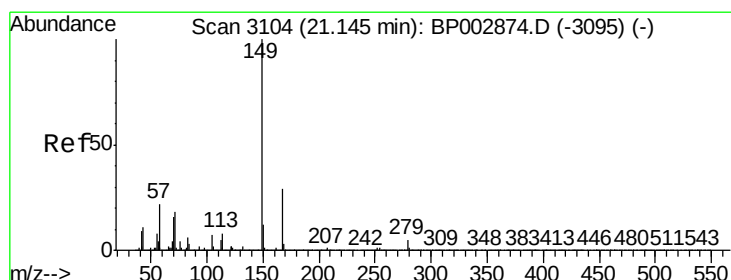
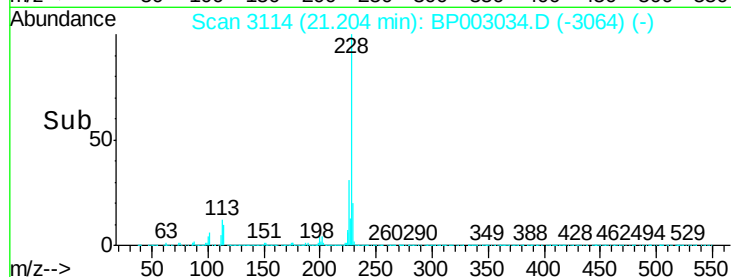
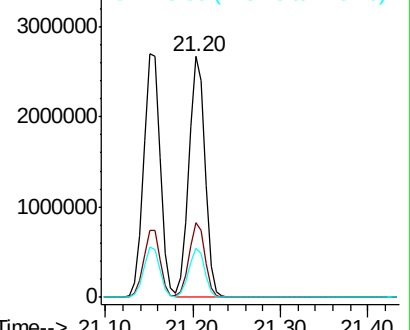
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.4	16.3	24.5



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: 49.767 ng

RT: 21.10 min Scan# 3096

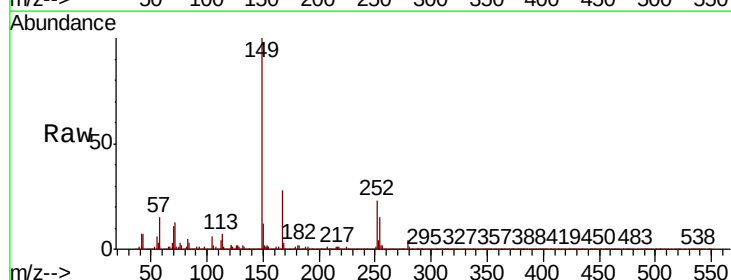
Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Tgt Ion:149 Resp: 2494643

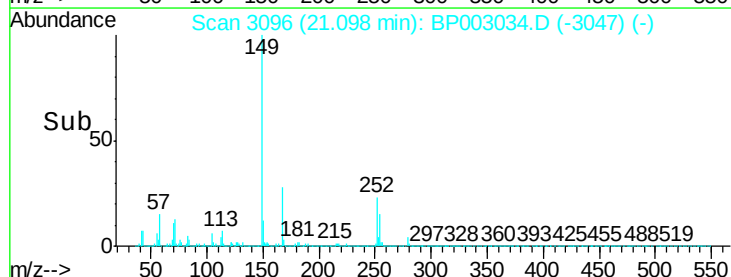
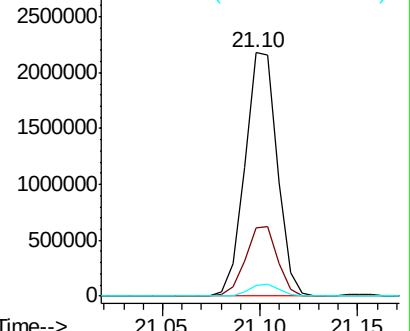
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.4	3.8	5.8

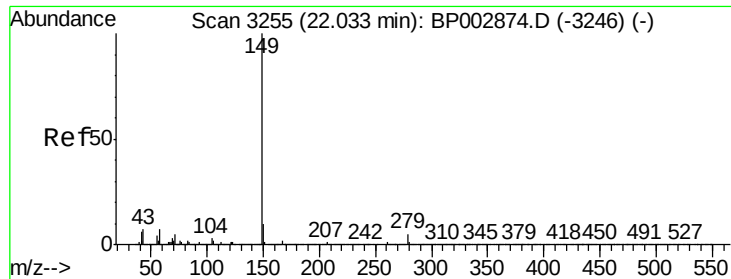


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.374 ng

RT: 21.97 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

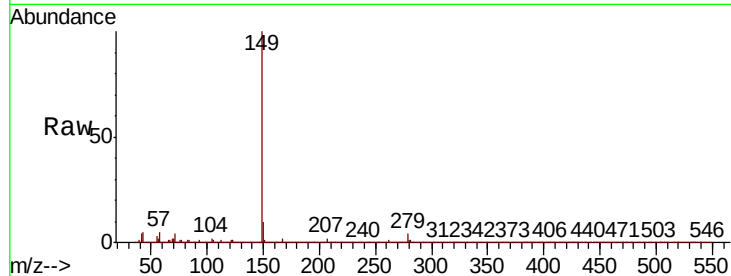
Tot Ion:149 Resp: 3901072

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

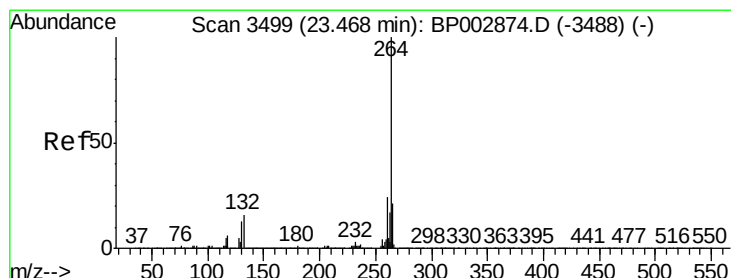
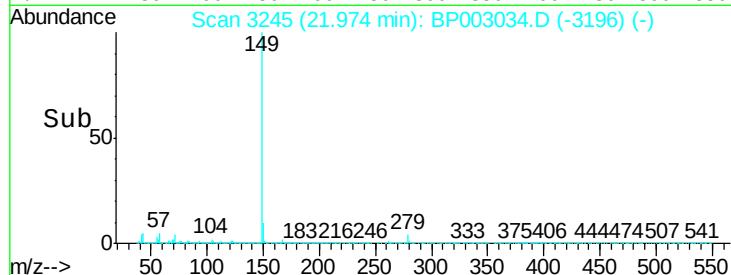
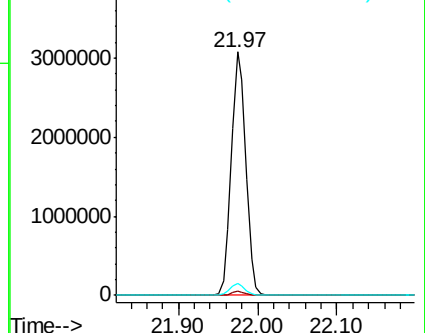
43 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

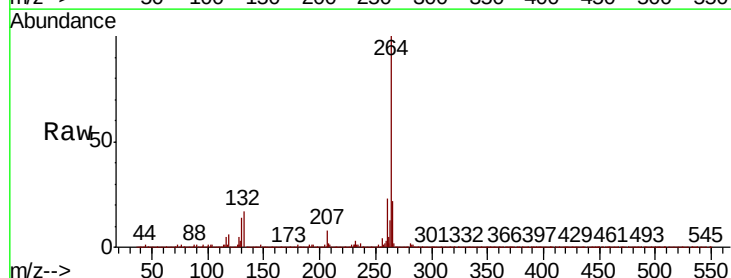
Tgt Ion:264 Resp: 1283203

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

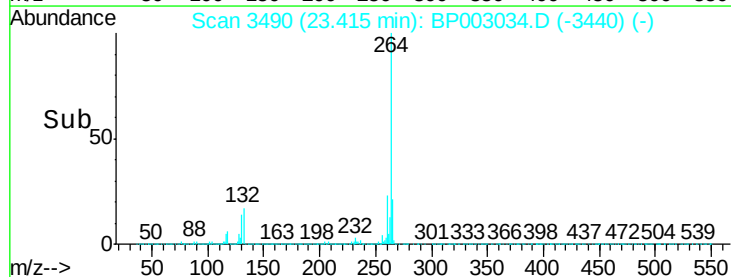
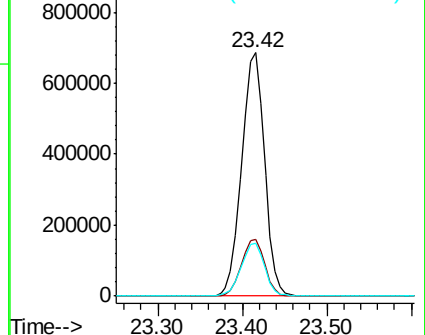
265 21.7 17.3 25.9

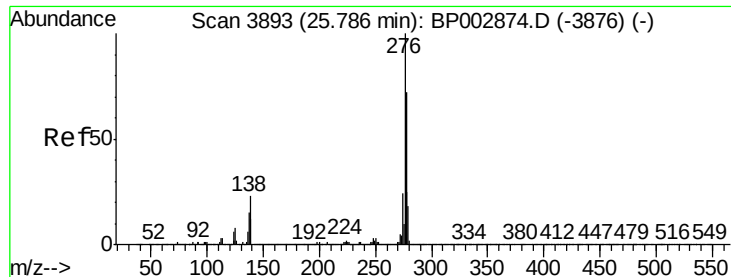


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



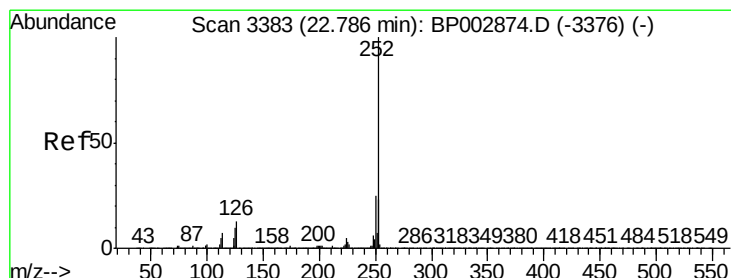
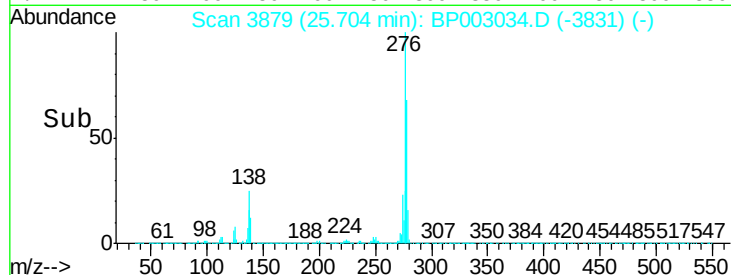
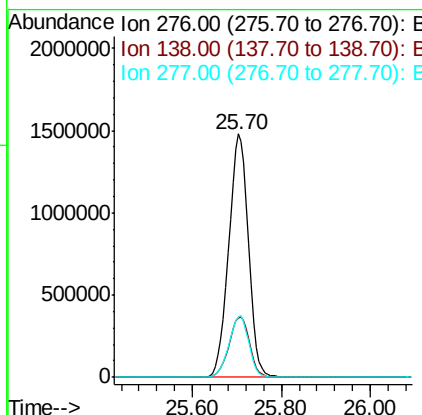
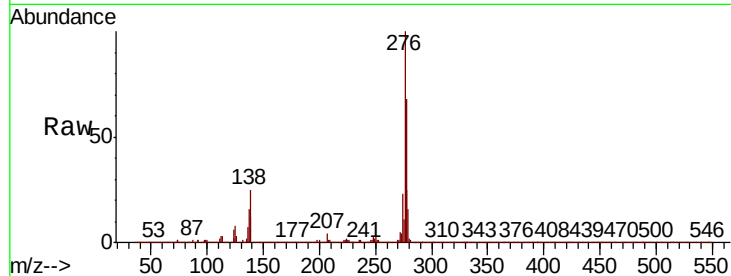


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.026 ng
 RT: 25.70 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

Instrument :
 BNA_P
 ClientSampleId :
 PB131046BSD

Tot Ion:276 Resp: 4627238

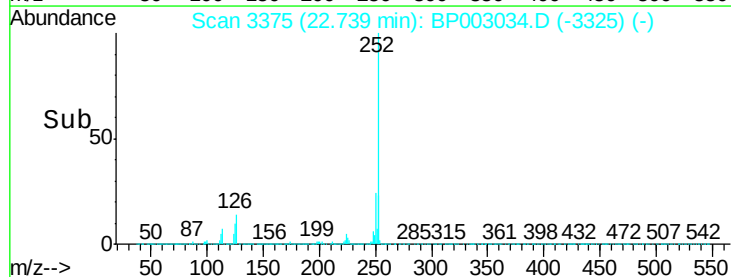
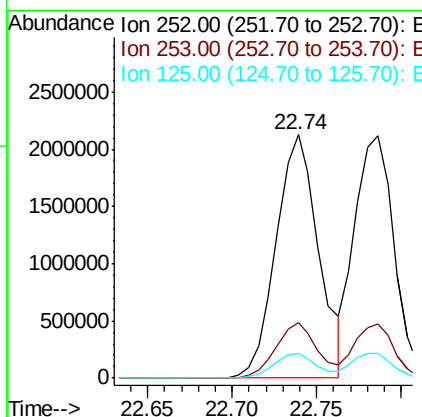
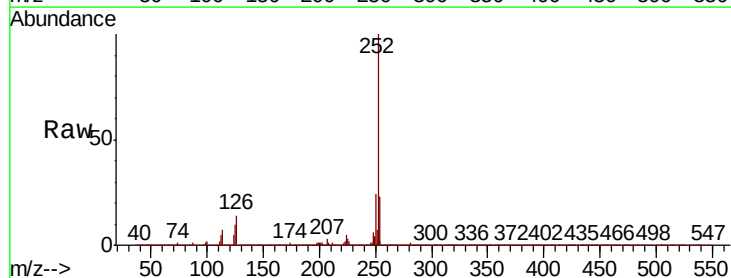
Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.2	33.2
277	25.5	20.4	30.6

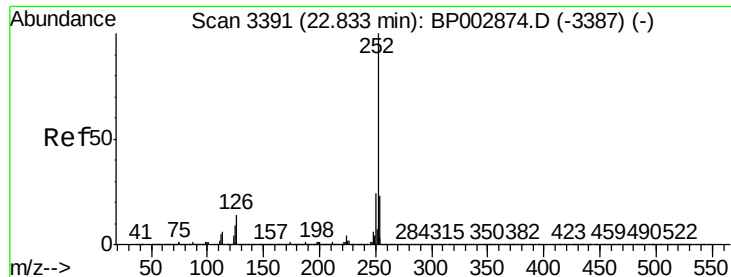


#88
 Benzo(b)fluoranthene
 Concen: 41.089 ng
 RT: 22.74 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BP003034.D
 Acq: 19 Aug 2020 12:36

Tgt Ion:252 Resp: 3720765

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.3	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 40.085 ng

RT: 22.79 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

Instrument :

BNA_P

ClientSampleId :

PB131046BSD

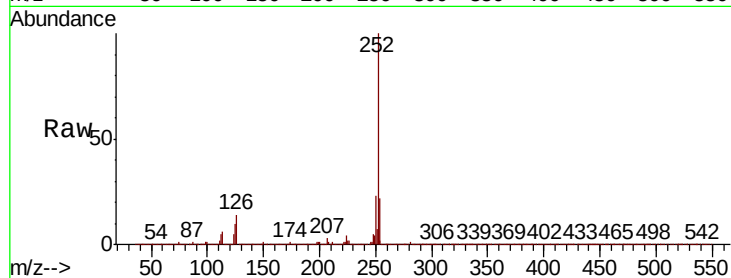
Tot Ion:252 Resp: 3430790

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

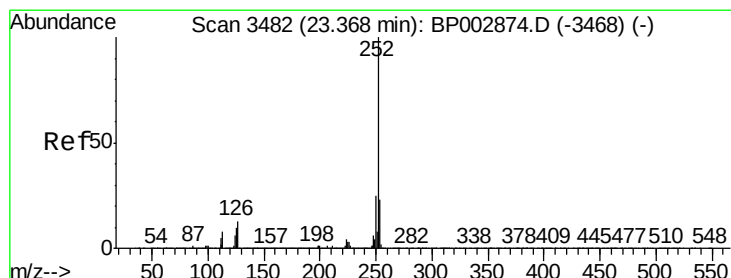
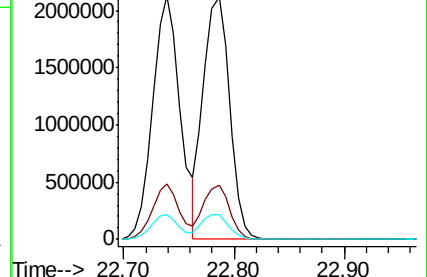
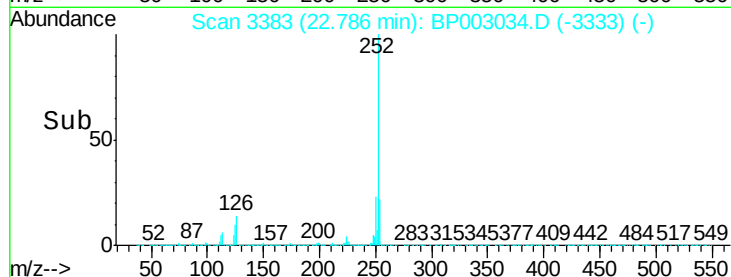
125 10.0 9.3 13.9



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: 41.293 ng

RT: 23.32 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BP003034.D

Acq: 19 Aug 2020 12:36

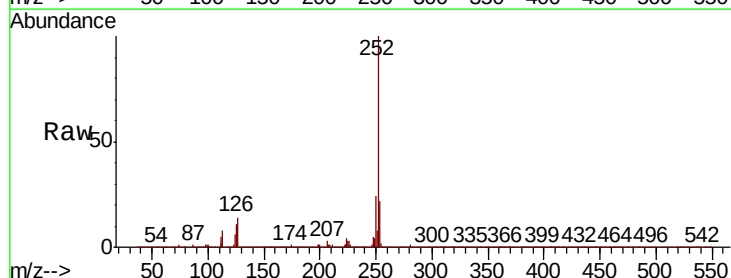
Tgt Ion:252 Resp: 3378649

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

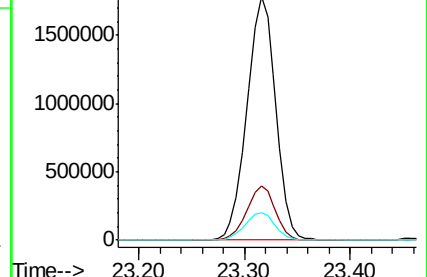
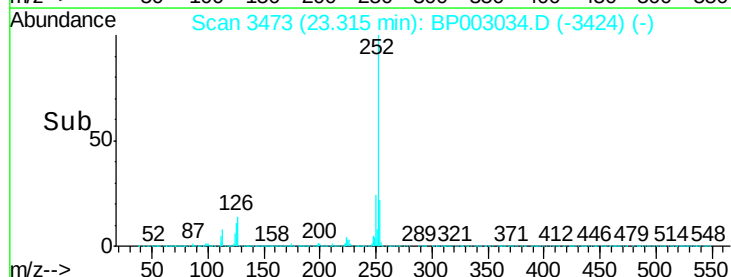
125 11.3 9.9 14.9

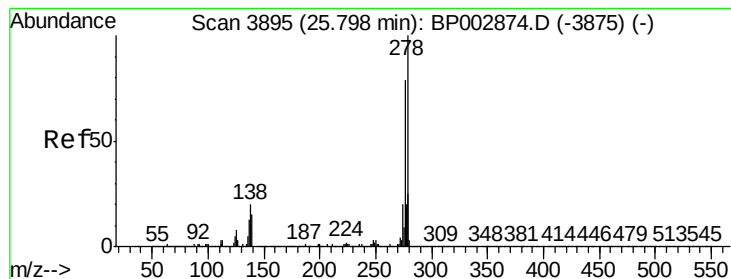


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



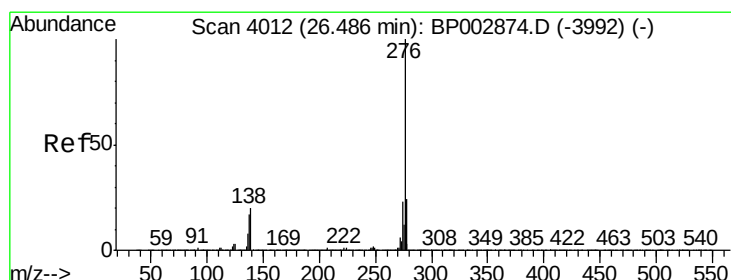
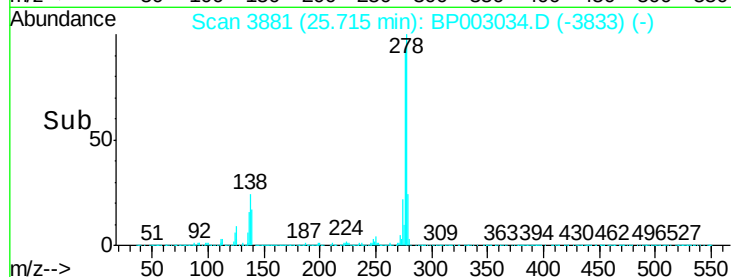
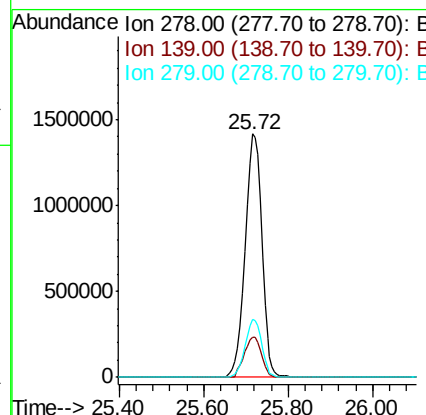
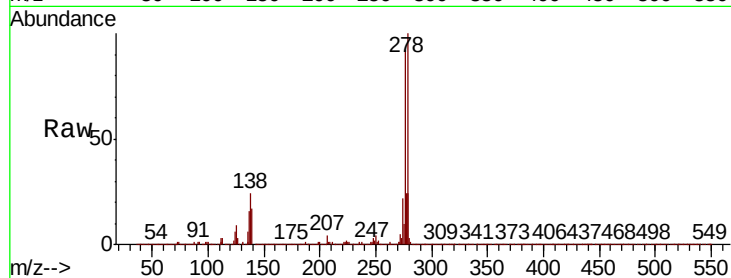


#91
Dibenzo(a,h)anthracene
Concen: 44.061 ng
RT: 25.72 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Instrument :
BNA_P
ClientSampleId :
PB131046BSD

Tot Ion:278 Resp: 3853795

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.2	21.4
279	24.0	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 46.315 ng
RT: 26.40 min Scan# 3998
Delta R.T. -0.02 min
Lab File: BP003034.D
Acq: 19 Aug 2020 12:36

Tgt Ion:276 Resp: 3917309

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	22.8	19.3	28.9

