

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003048.D
 Acq On : 20 Aug 2020 00:01
 Operator : CG/JU
 Sample : L3682-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20200513-2801-A

Quant Time: Aug 20 01:18:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	282836	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1159630	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	728405	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1611418	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1437668	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1500773	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1444814	78.18	ng	0.00
7) Phenol-d6	6.86	99	1603449	62.50	ng	0.00
23) Nitrobenzene-d5	8.83	82	1279920	59.78	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	975917	107.80	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3567559	66.92	ng	-0.01
79) Terphenyl-d14	19.64	244	4830046	67.26	ng	-0.01

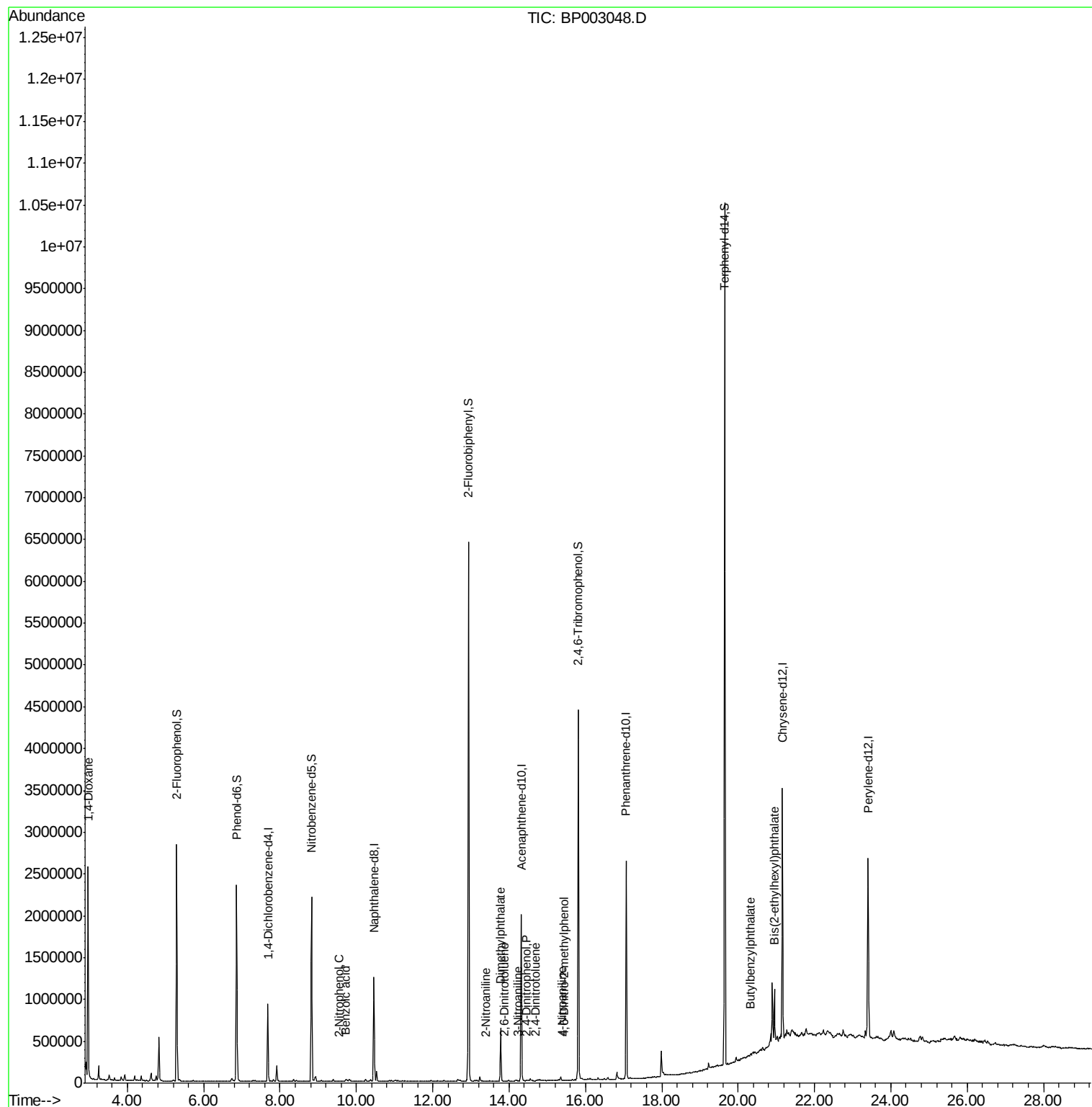
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.97	88	22072	2.782	ng	# 1
26) 2-Nitrophenol	9.55	139	74	4.527	ng	# 10
32) Benzoic acid	9.73	122	17248	9.031	ng	97
48) 2-Nitroaniline	13.40	65	205	3.988	ng	# 25
50) Dimethylphthalate	13.77	163	472526	8.294	ng	99
51) 2,6-Dinitrotoluene	13.88	165	334	2.924	ng	# 75
53) 3-Nitroaniline	14.23	138	349	3.298	ng	# 61
54) 2,4-Dinitrophenol	14.44	184	49	8.065	ng	# 28
57) 2,4-Dinitrotoluene	14.68	165	116	3.812	ng	# 1
62) 4-Nitroaniline	15.40	138	76	2.421	ng	# 47
65) 4,6-Dinitro-2-methylphenol	15.43	198	40	6.904	ng	# 1
80) Butylbenzylphthalate	20.33	149	2823	3.123	ng	# 80
84) Bis(2-ethylhexyl)phthalate	20.95	149	271246	4.877	ng	# 53

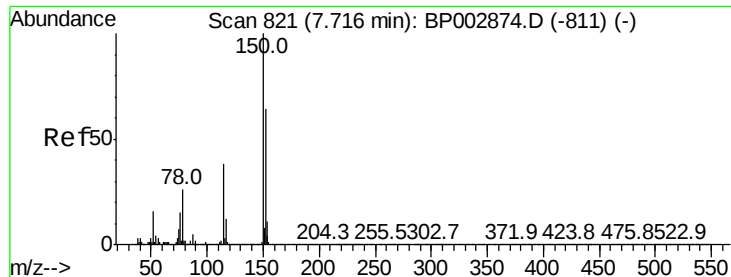
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003048.D
Acq On : 20 Aug 2020 00:01
Operator : CG/JU
Sample : L3682-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20200513-2801-A

Quant Time: Aug 20 01:18:30 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.68 min Scan# 815

Delta R.T. -0.01 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

Instrument :

BNA_P

ClientSampleId :

20200513-2801-A

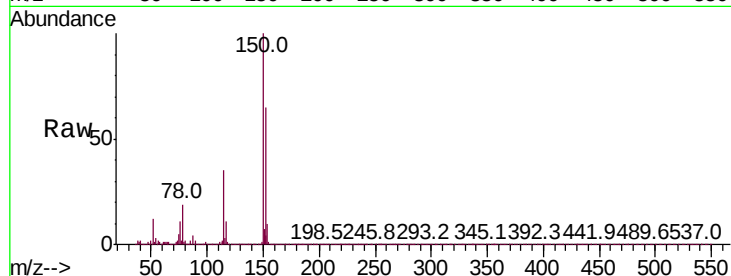
Tot Ion:152 Resp: 282836

Ion Ratio Lower Upper

152 100

150 152.9 126.1 189.1

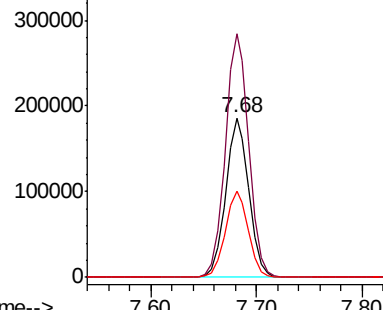
115 54.1 43.4 65.2



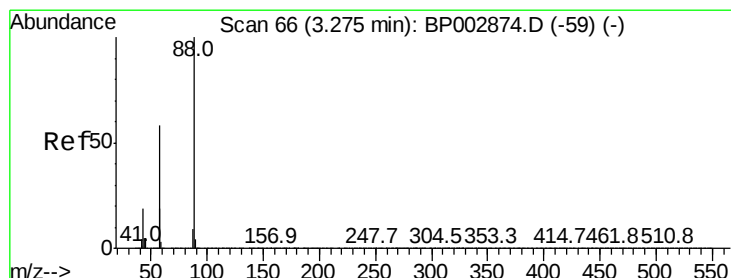
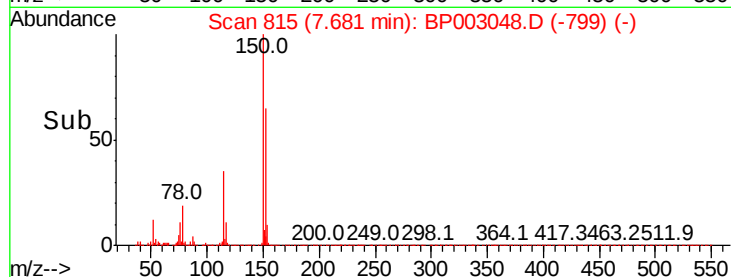
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 2.782 ng

RT: 2.97 min Scan# 14

Delta R.T. -0.27 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

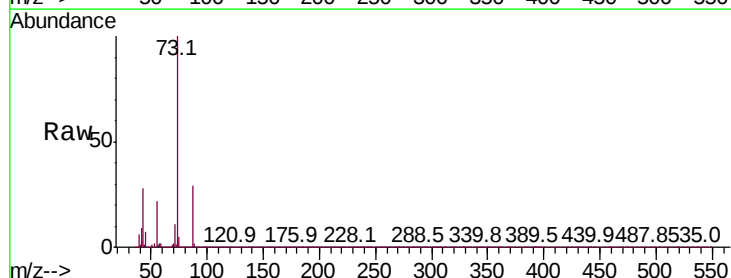
Tgt Ion: 88 Resp: 22072

Ion Ratio Lower Upper

88 100

58 25.5 44.5 66.7#

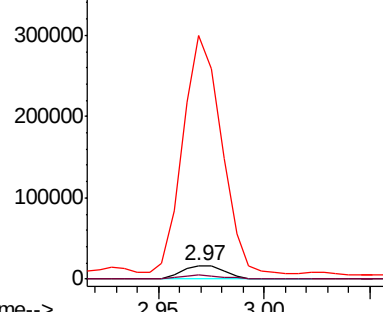
43 1658.6 14.5 21.7#



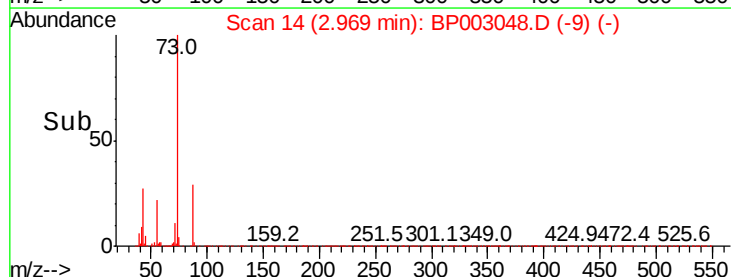
Abundance Ion 88.00 (87.70 to 88.70): BP0

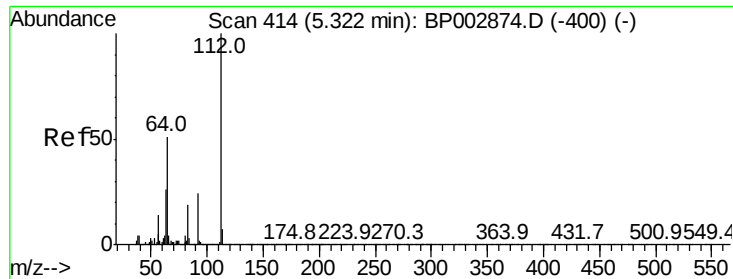
Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0



Time-->





#5

2-Fluorophenol

Concen: 78.183 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

Instrument :

BNA_P

ClientSampleId :

20200513-2801-A

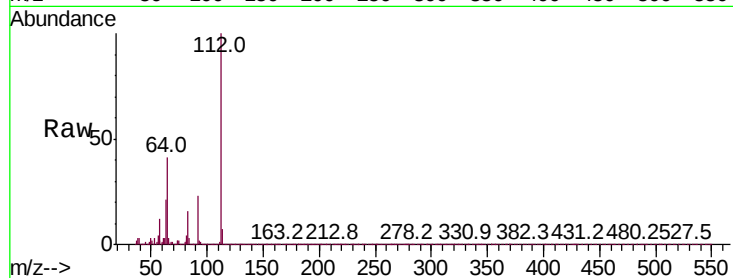
Tot Ion:112 Resp: 1444814

Ion Ratio Lower Upper

112 100

64 40.6 33.4 50.2

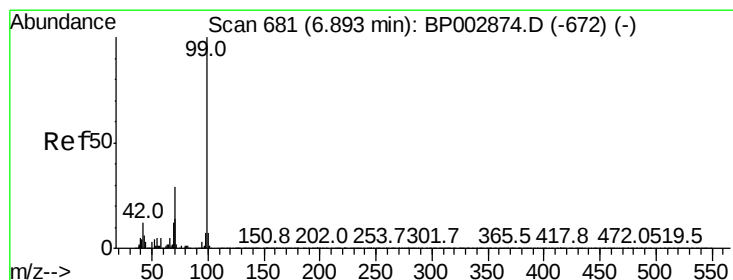
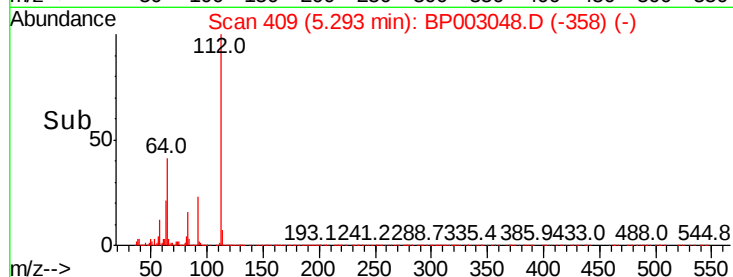
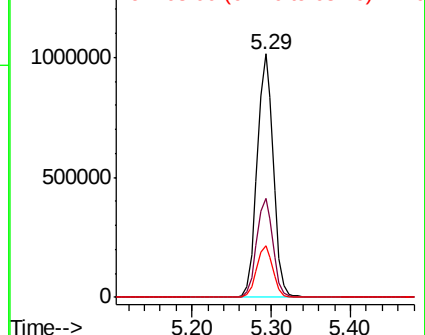
63 21.3 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 62.495 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

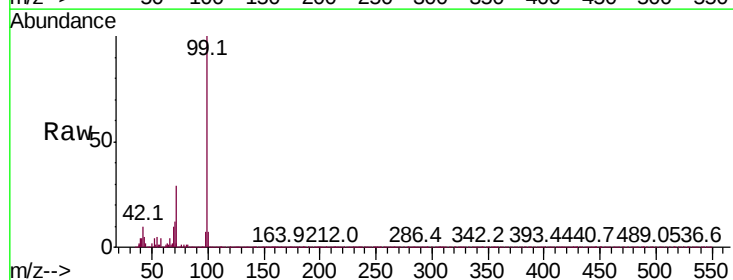
Tgt Ion: 99 Resp: 1603449

Ion Ratio Lower Upper

99 100

42 10.4 8.0 12.0

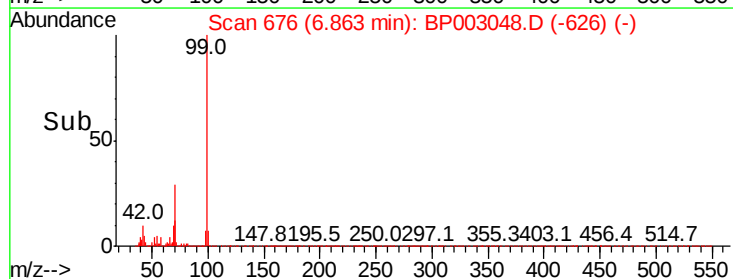
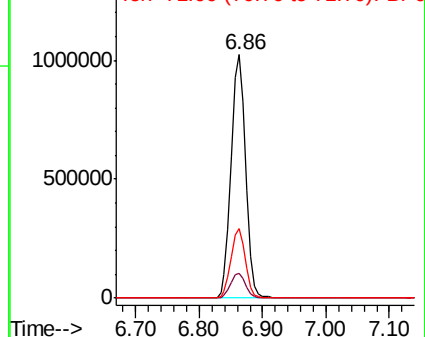
71 28.6 21.3 31.9

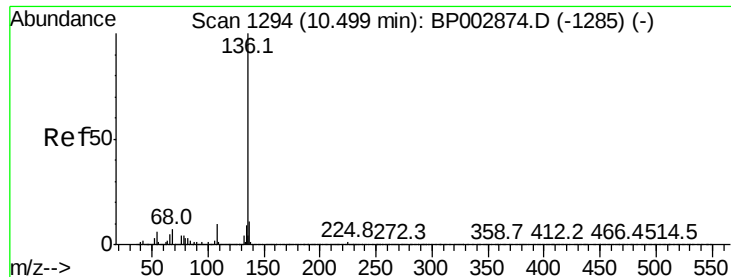


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

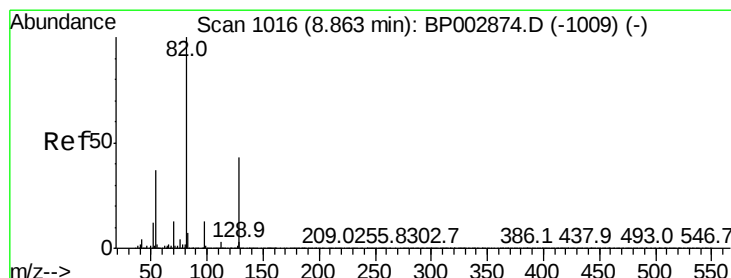
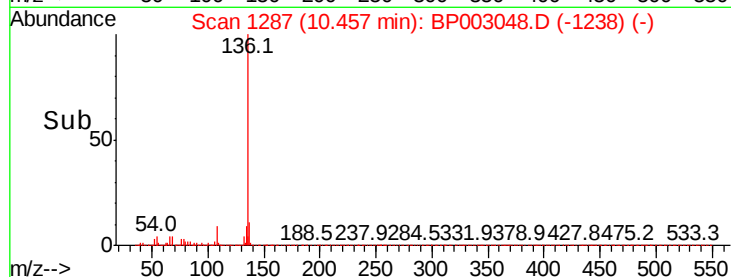
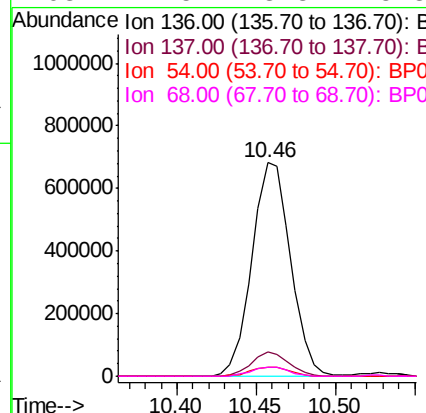
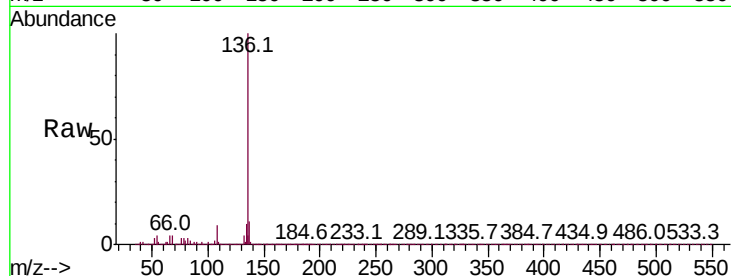




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

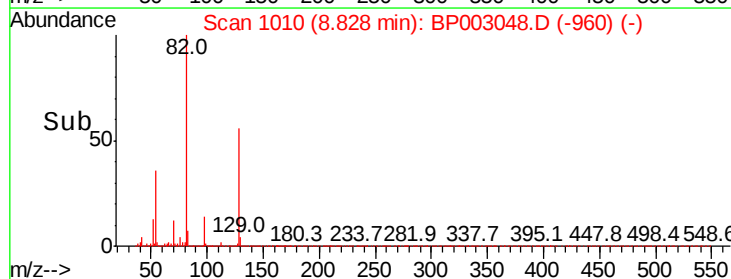
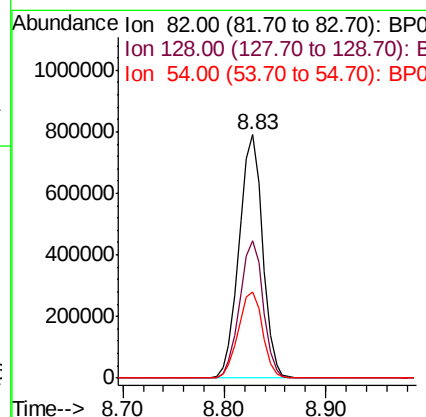
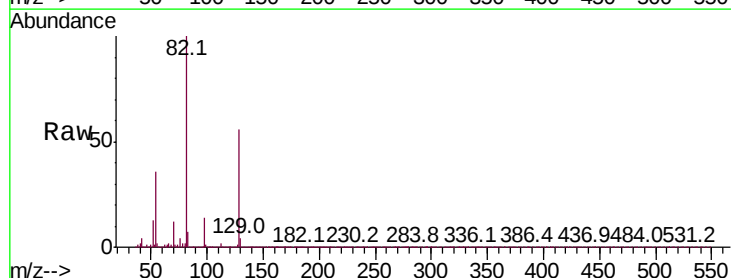
Instrument :
BNA_P
ClientSampleId :
20200513-2801-A

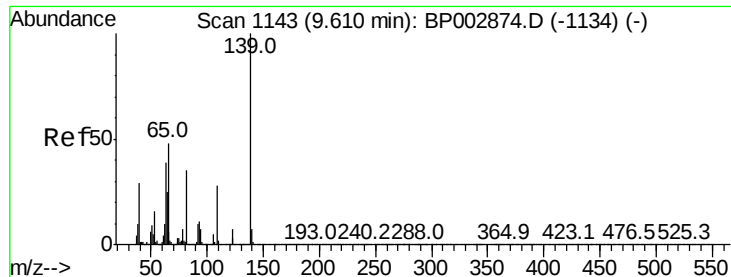
Tot Ion:136	Resp: 1159630
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 4.4	3.8 5.8
68 4.5	3.8 5.8



#23
Nitrobenzene-d5
Concen: 59.781 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

Tgt Ion: 82	Resp: 1279920
Ion Ratio	Lower Upper
82 100	
128 56.2	45.1 67.7
54 35.7	28.8 43.2





#26

2-Nitrophenol

Concen: 4.527 ng

RT: 9.55 min Scan# 1132

Delta R.T. -0.04 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

Instrument :

BNA_P

ClientSampleId :

20200513-2801-A

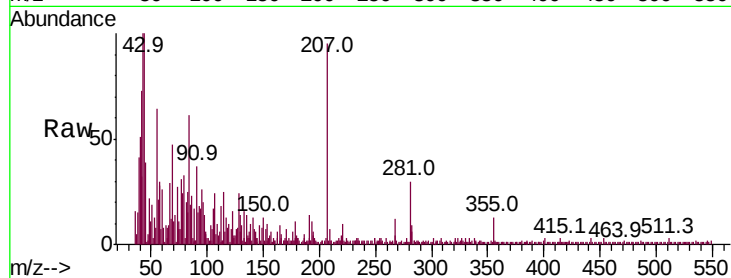
Tot Ion:139 Resp: 74

Ion Ratio Lower Upper

139 100

109 90.0 21.0 31.6#

65 70.0 27.2 40.8#

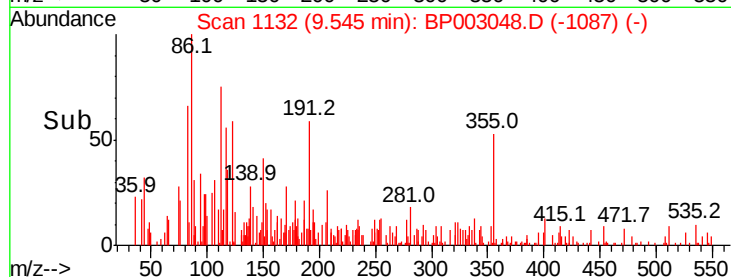


Abundance Ion 139.00 (138.70 to 139.70): E

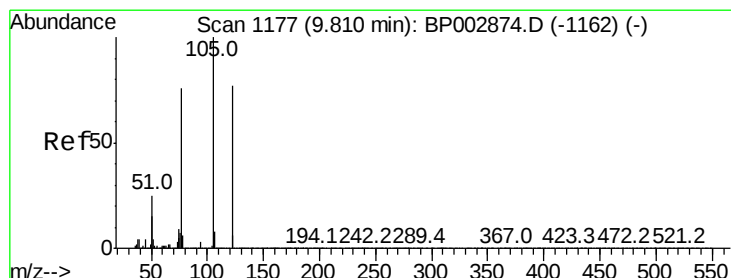
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

Time-->



Time-->



#32

Benzoic acid

Concen: 9.031 ng

RT: 9.73 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

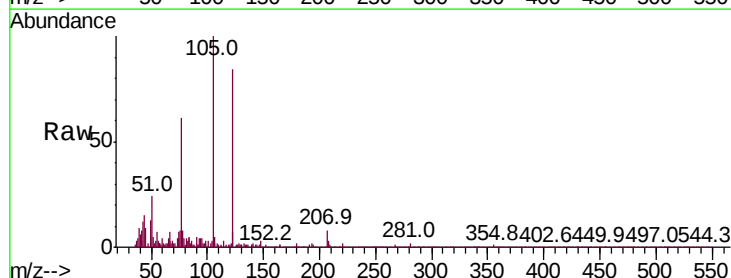
Tgt Ion:122 Resp: 17248

Ion Ratio Lower Upper

122 100

105 119.3 96.2 136.2

77 72.7 55.6 95.6

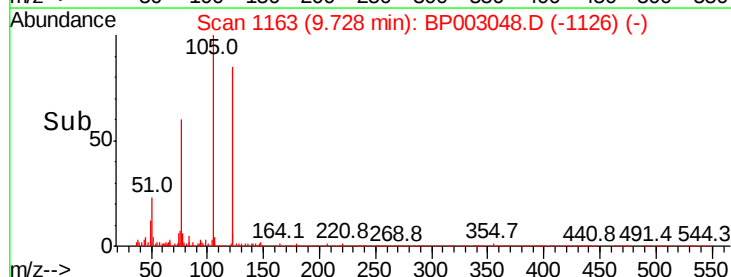


Abundance Ion 122.00 (121.70 to 122.70): E

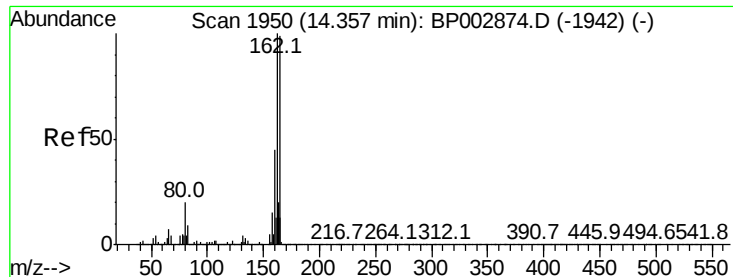
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

Time-->



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

Instrument :

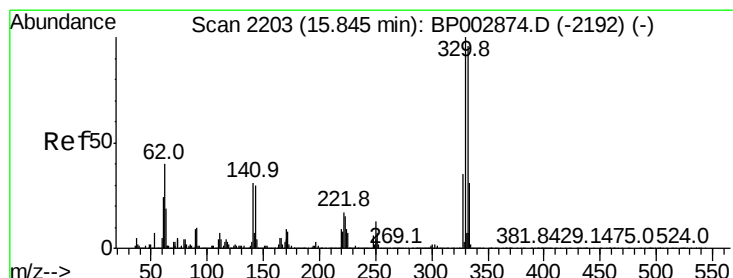
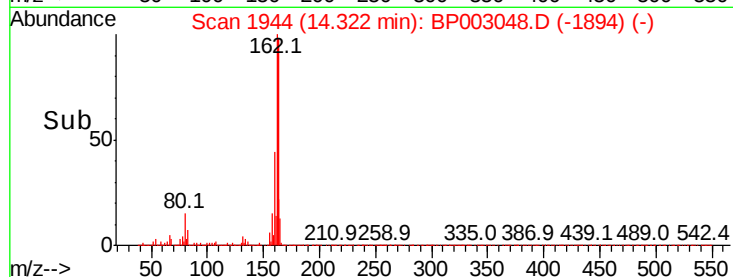
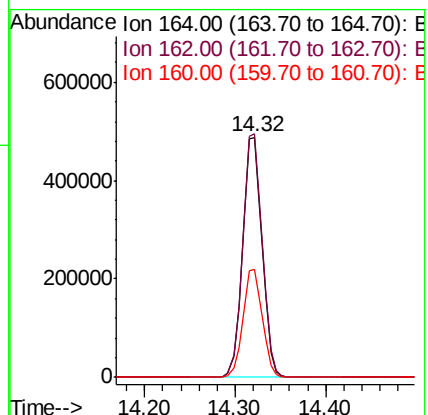
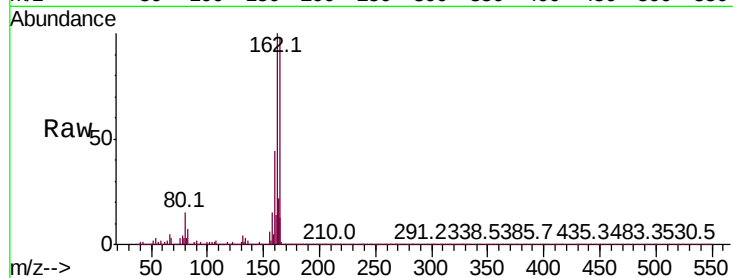
BNA_P

ClientSampleId :

20200513-2801-A

Tot Ion:164 Resp: 728405

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.9	35.5	53.3



#42

2,4,6-Tribromophenol

Concen: 107.798 ng

RT: 15.81 min Scan# 2197

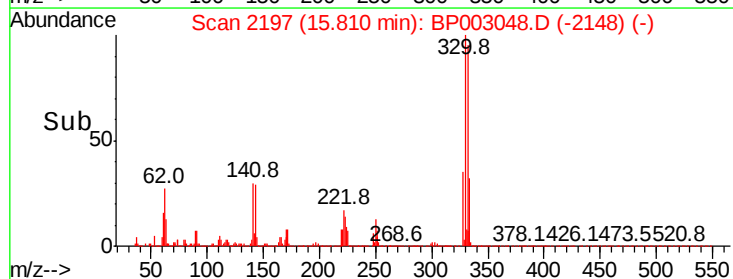
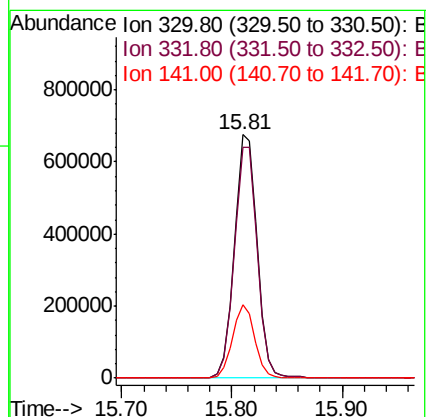
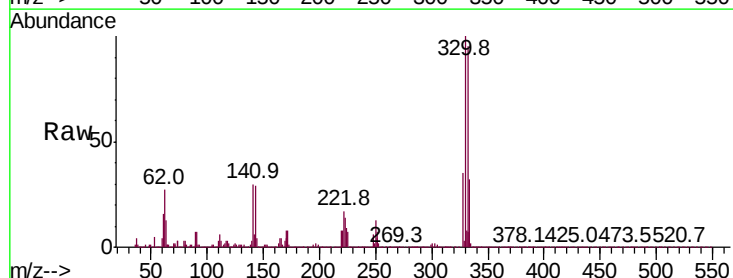
Delta R.T. -0.01 min

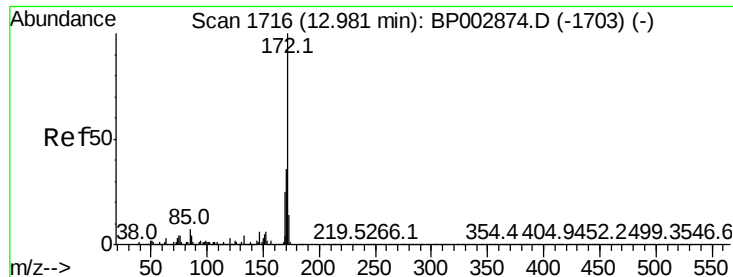
Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

Tgt Ion:330 Resp: 975917

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.4	26.7	40.1

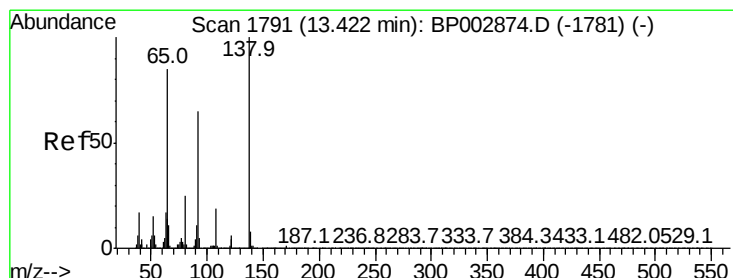
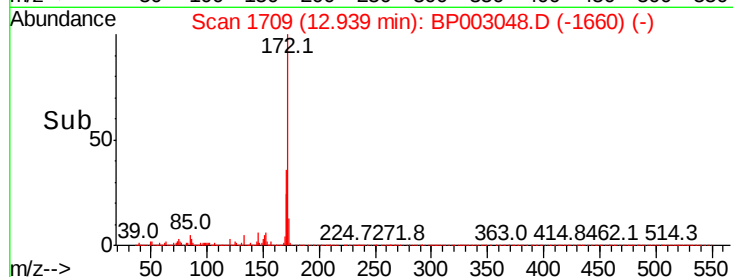
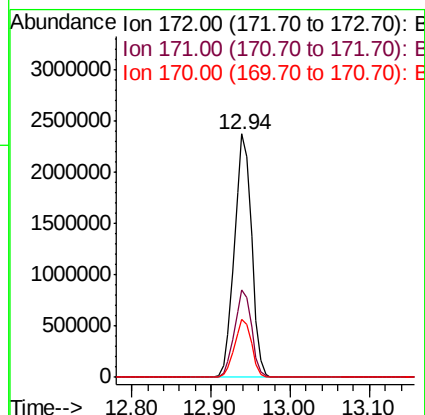
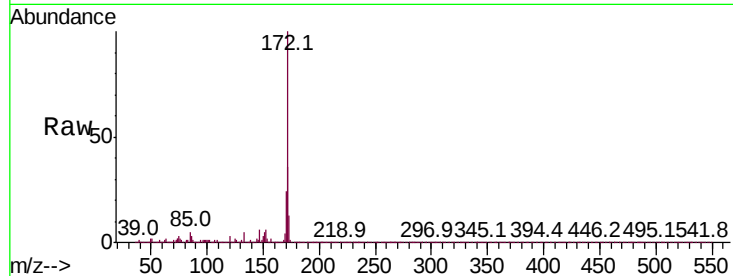




#45
2-Fluorobiphenyl
Concen: 66.918 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

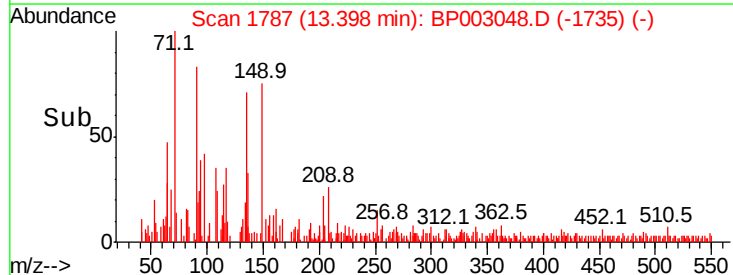
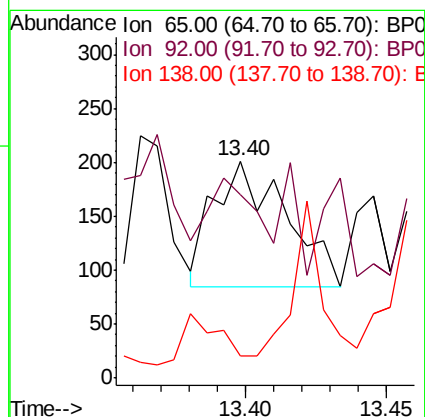
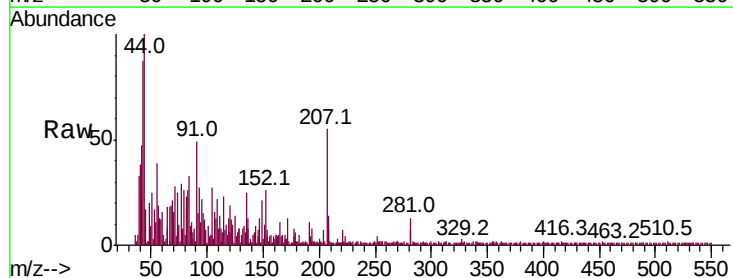
Instrument :
BNA_P
ClientSampleId :
20200513-2801-A

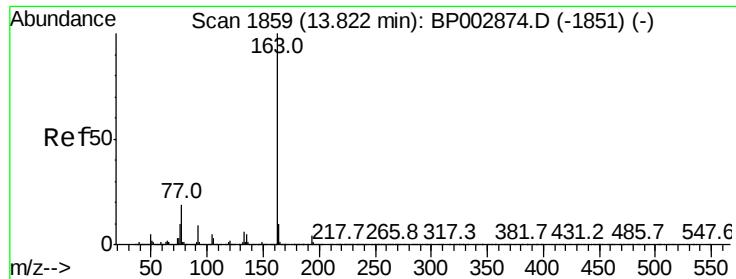
Tot Ion:172 Resp: 3567559
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.0 19.1 28.7



#48
2-Nitroaniline
Concen: 3.988 ng
RT: 13.40 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

Tgt Ion: 65 Resp: 205
Ion Ratio Lower Upper
65 100
92 84.6 70.1 105.1
138 10.0 129.7 194.5#

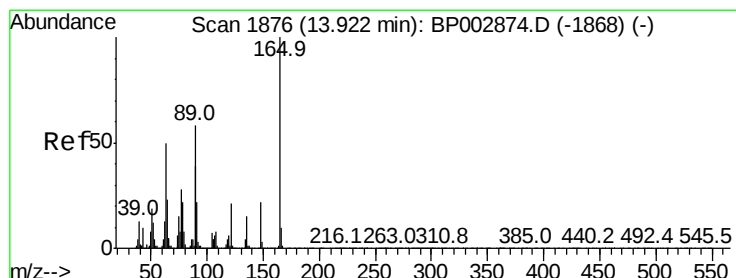
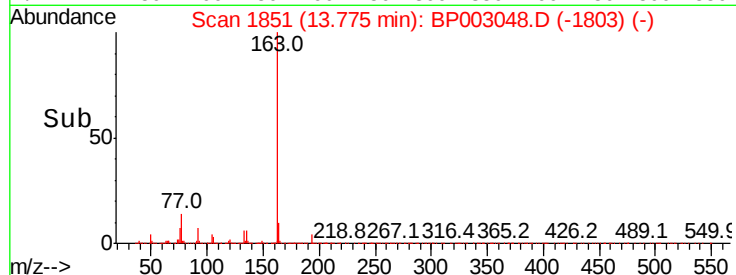
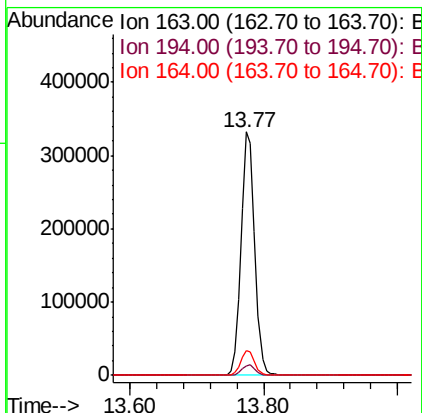
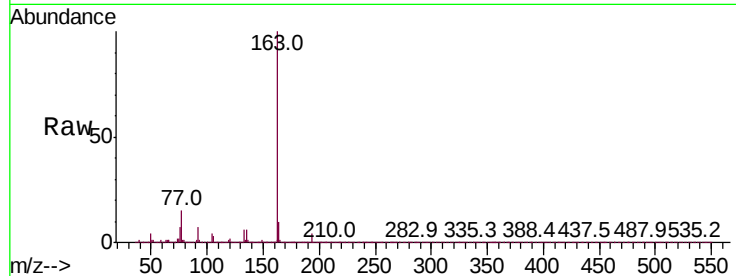




#50
Dimethylphthalate
Concen: 8.294 ng
RT: 13.77 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

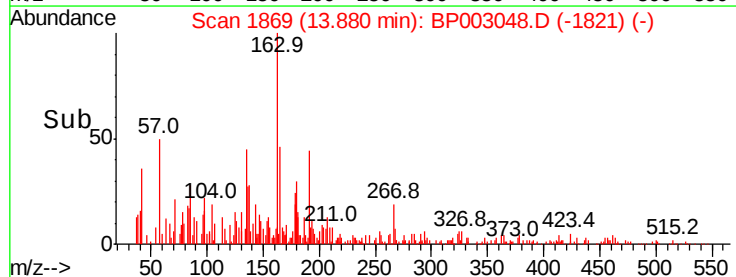
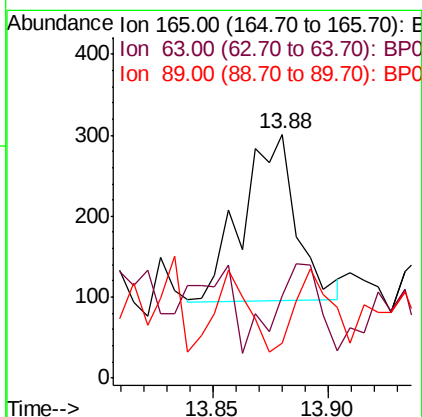
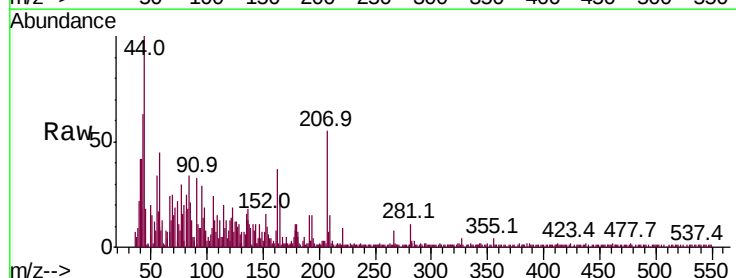
Instrument :
BNA_P
ClientSampleId :
20200513-2801-A

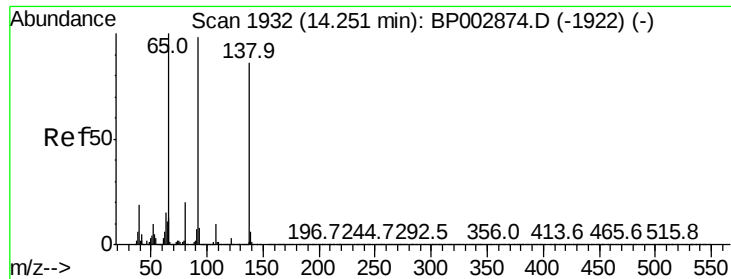
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	8.1	12.1



#51
2,6-Dinitrotoluene
Concen: 2.924 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.9	28.1	42.1
89	14.6	34.5	51.7#

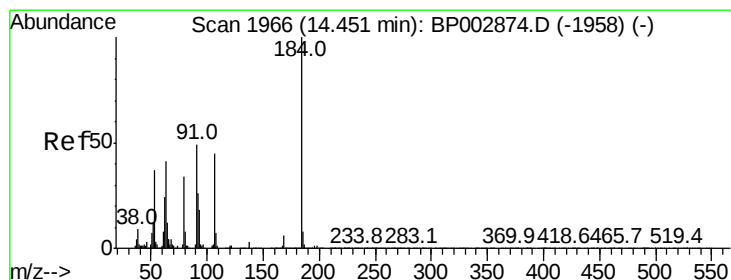
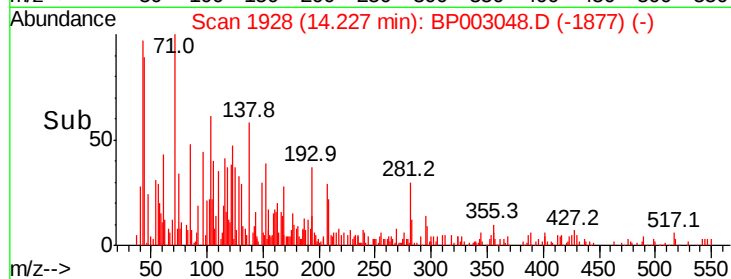
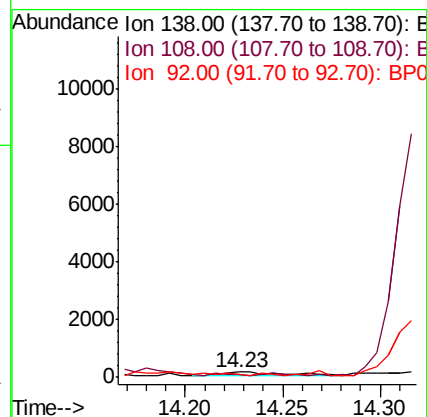
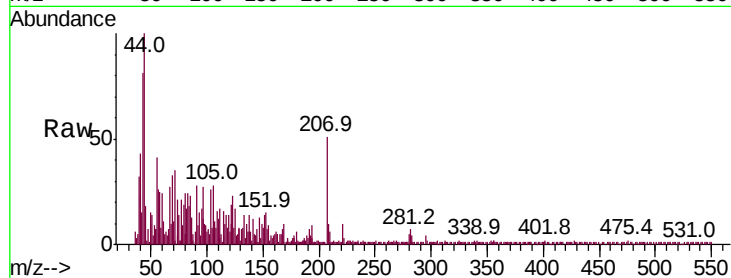




#53
3-Nitroaniline
Concen: 3.298 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

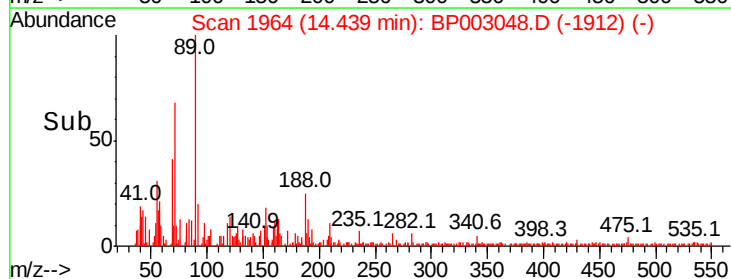
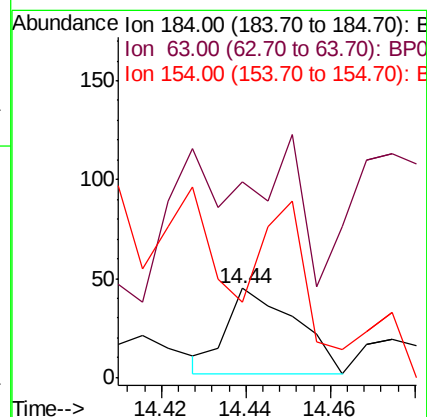
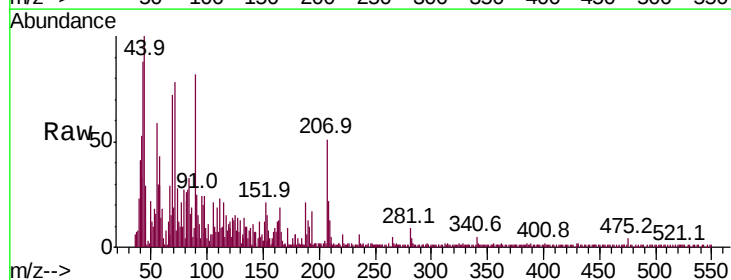
Instrument :
BNA_P
ClientSampleId :
20200513-2801-A

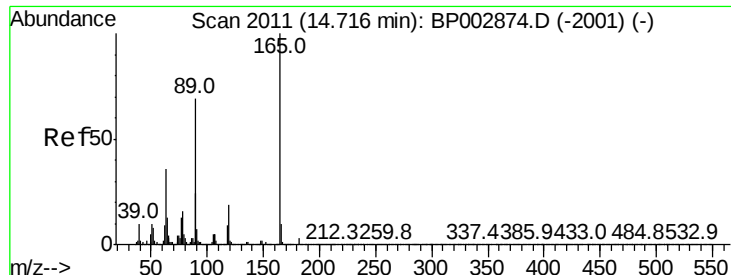
Tot Ion:138 Resp: 349
Ion Ratio Lower Upper
138 100
108 52.4 7.7 11.5#
92 64.6 75.6 113.4#



#54
2,4-Dinitrophenol
Concen: 8.065 ng
RT: 14.44 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

Tgt Ion:184 Resp: 49
Ion Ratio Lower Upper
184 100
63 150.0 33.0 49.6#
154 57.6 46.8 70.2

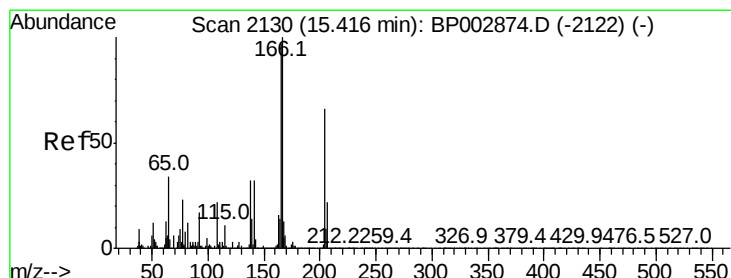
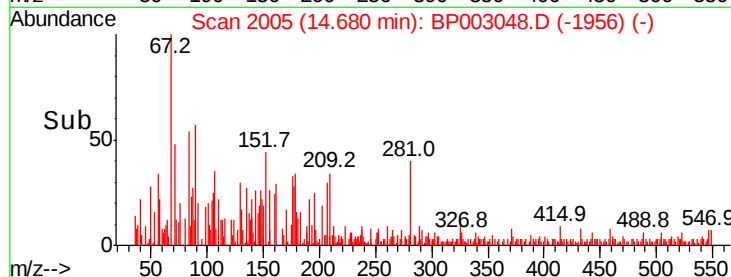
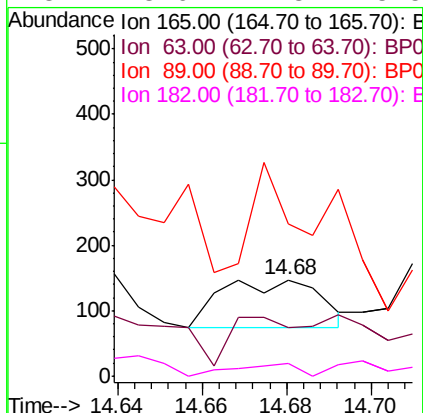
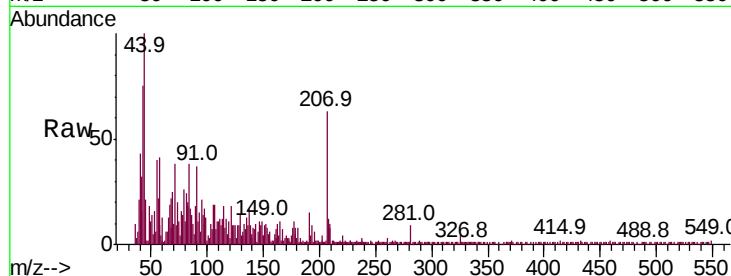




#57
2,4-Dinitrotoluene
Concen: 3.812 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

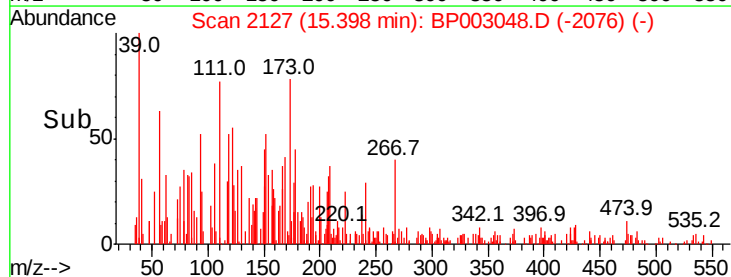
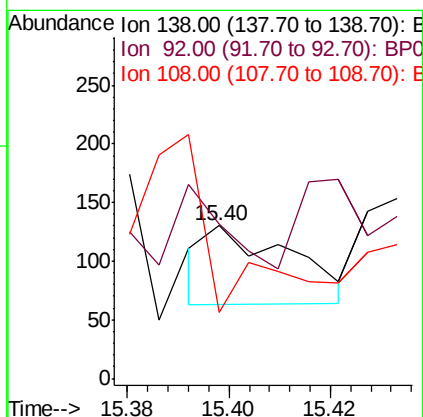
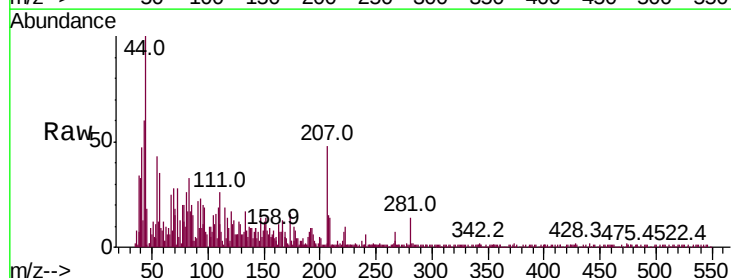
Instrument :
BNA_P
ClientSampleId :
20200513-2801-A

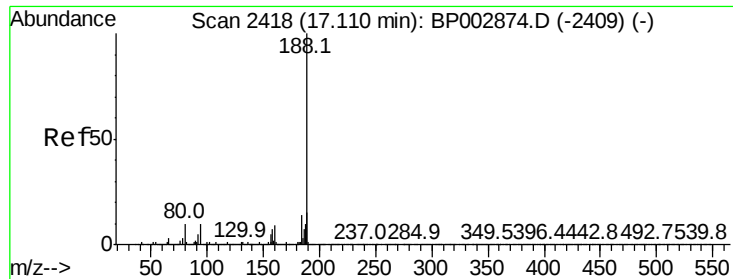
Tot Ion:	165	Resp:	116
Ion	Ratio	Lower	Upper
165	100		
63	50.3	20.6	31.0#
89	158.5	43.4	65.0#
182	13.6	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.421 ng
RT: 15.40 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

Tgt Ion:	138	Resp:	76
Ion	Ratio	Lower	Upper
138	100		
92	101.5	21.4	61.4#
108	43.1	40.8	80.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

Instrument :

BNA_P

ClientSampleId :

20200513-2801-A

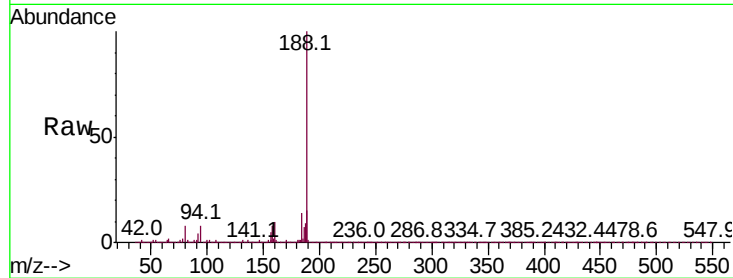
Tot Ion:188 Resp: 1611418

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

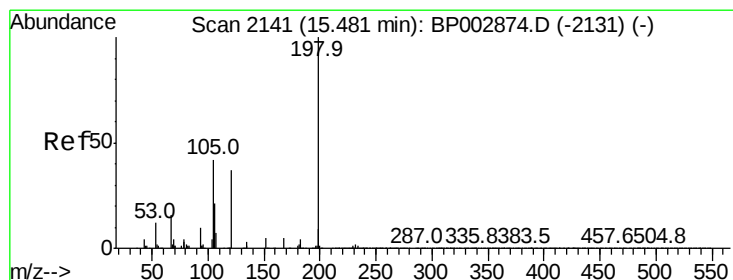
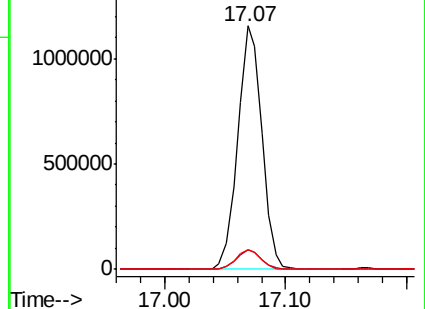
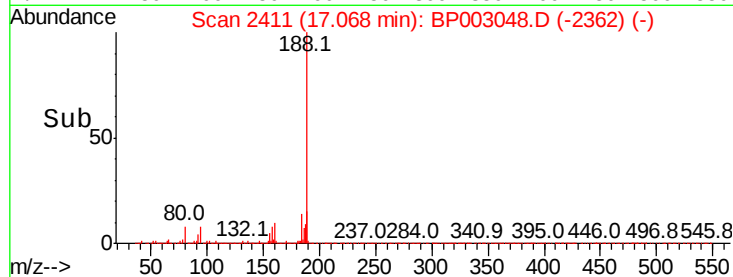
80 8.0 6.7 10.1



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: 6.904 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BP003048.D

Acq: 20 Aug 2020 00:01

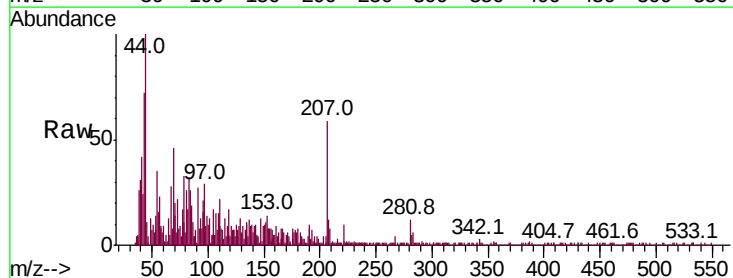
Tgt Ion:198 Resp: 40

Ion Ratio Lower Upper

198 100

51 278.7 6.2 46.2#

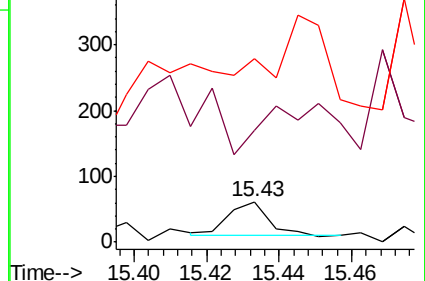
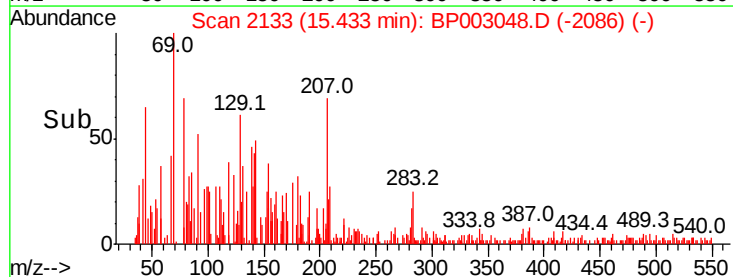
105 455.7 19.9 59.9#

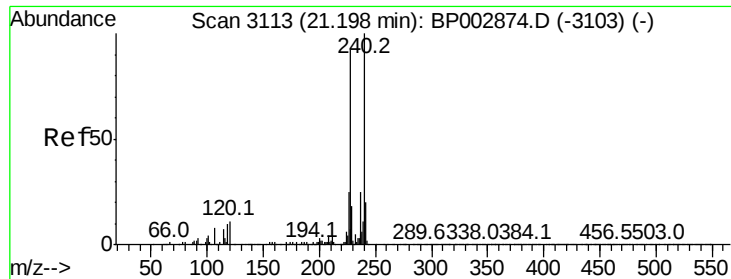


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

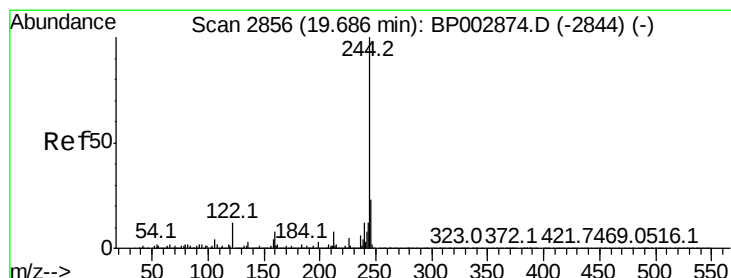
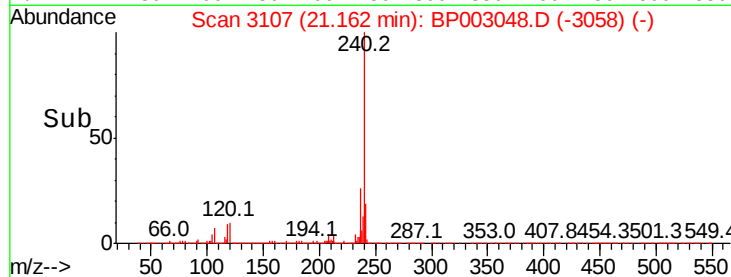
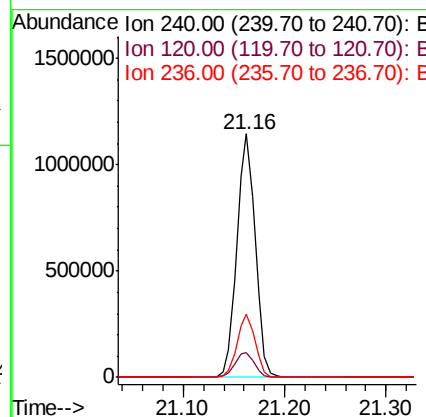
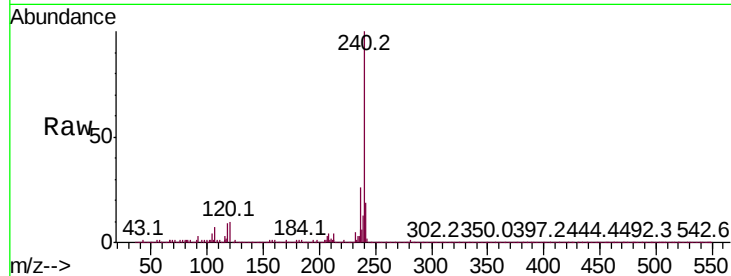




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BP003048.D
 Acq: 20 Aug 2020 00:01

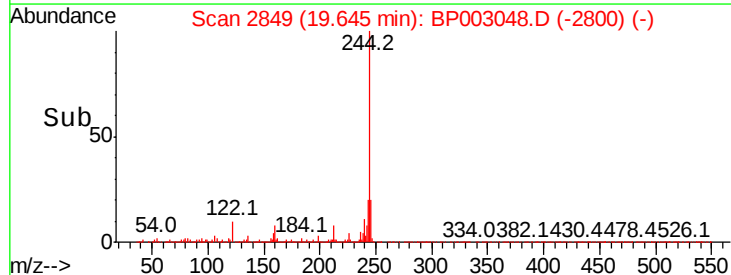
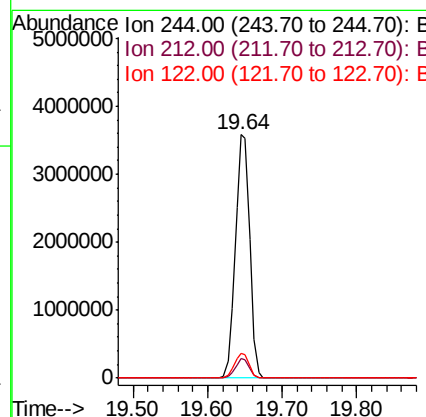
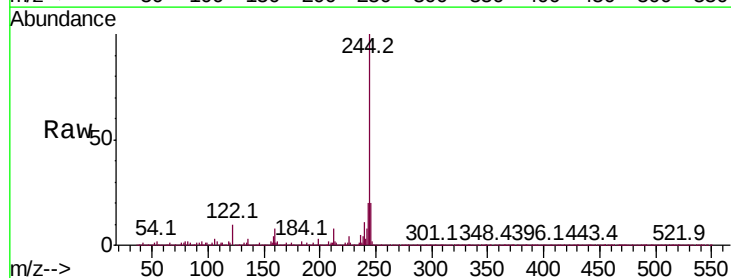
Instrument :
 BNA_P
 ClientSampleId :
 20200513-2801-A

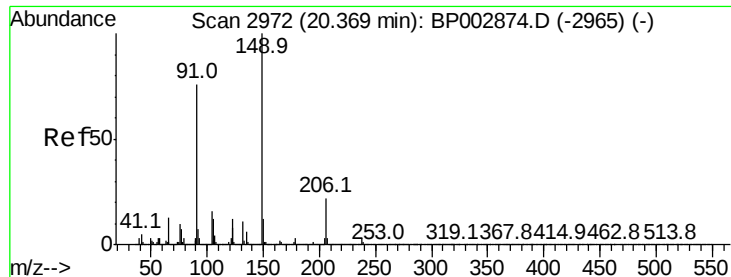
Tot Ion:240 Resp: 1437668
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.5 14.3
 236 25.7 20.8 31.2



#79
 Terphenyl-d14
 Concen: 67.259 ng
 RT: 19.64 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BP003048.D
 Acq: 20 Aug 2020 00:01

Tgt Ion:244 Resp: 4830046
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 10.2 8.7 13.1

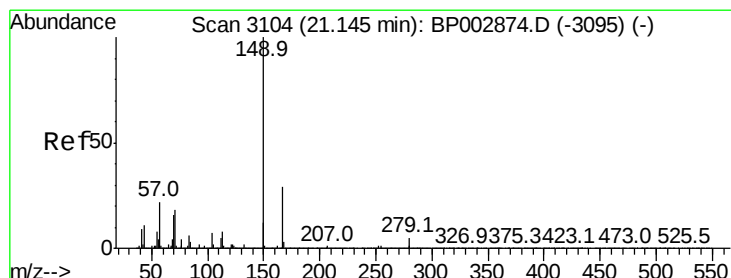
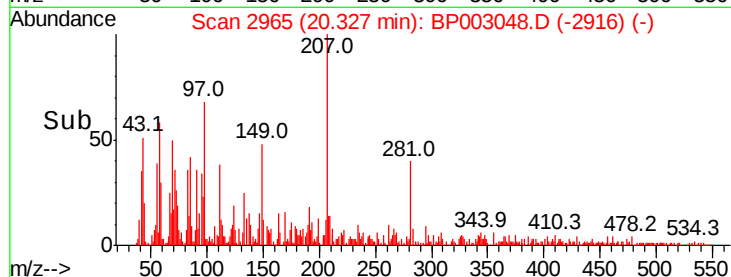
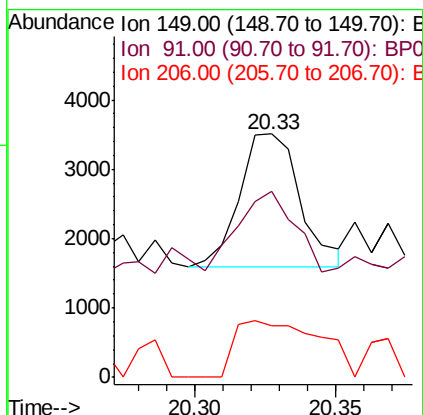
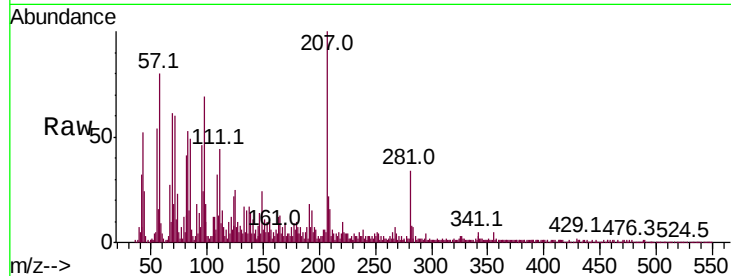




#80
Butylbenzylphthalate
Concen: 3.123 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

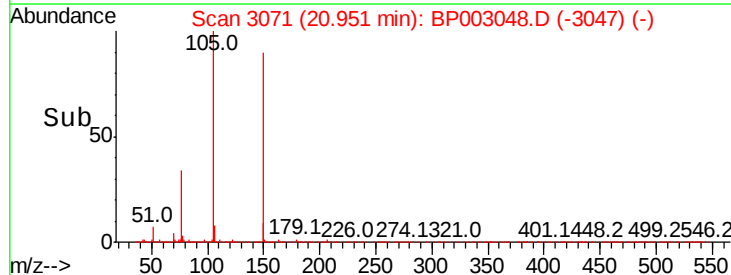
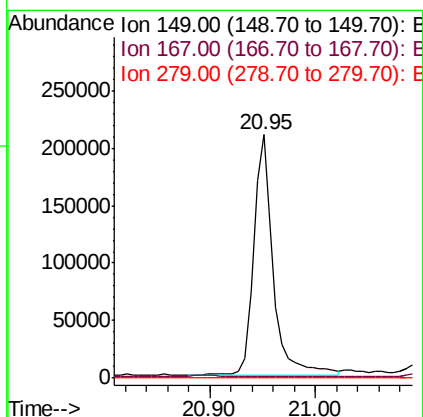
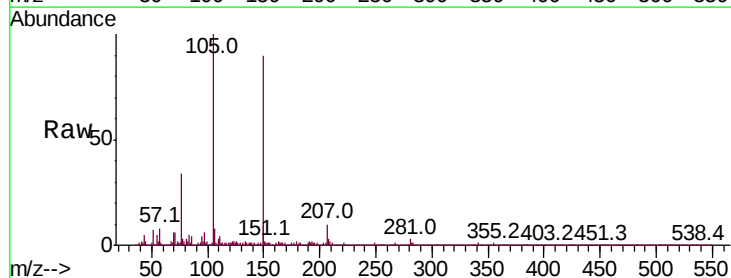
Instrument :
BNA_P
ClientSampleId :
20200513-2801-A

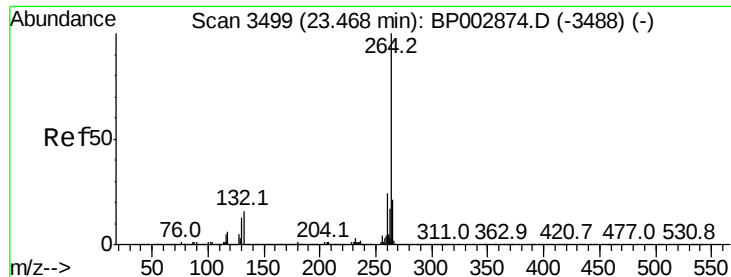
Tot Ion:149 Resp: 2823
Ion Ratio Lower Upper
149 100
91 76.2 45.3 67.9#
206 21.3 17.5 26.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.877 ng
RT: 20.95 min Scan# 3071
Delta R.T. -0.16 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

Tgt Ion:149 Resp: 271246
Ion Ratio Lower Upper
149 100
167 0.8 22.9 34.3#
279 0.2 3.8 5.8#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3488
Delta R.T. -0.02 min
Lab File: BP003048.D
Acq: 20 Aug 2020 00:01

Instrument :
BNA_P
ClientSampleId :
20200513-2801-A

Tot Ion:264 Resp: 1500773

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.3	25.9

