

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003178.D
 Acq On : 01 Sep 2020 21:32
 Operator : CG/JU
 Sample : L3853-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11934

Quant Time: Sep 02 00:51:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

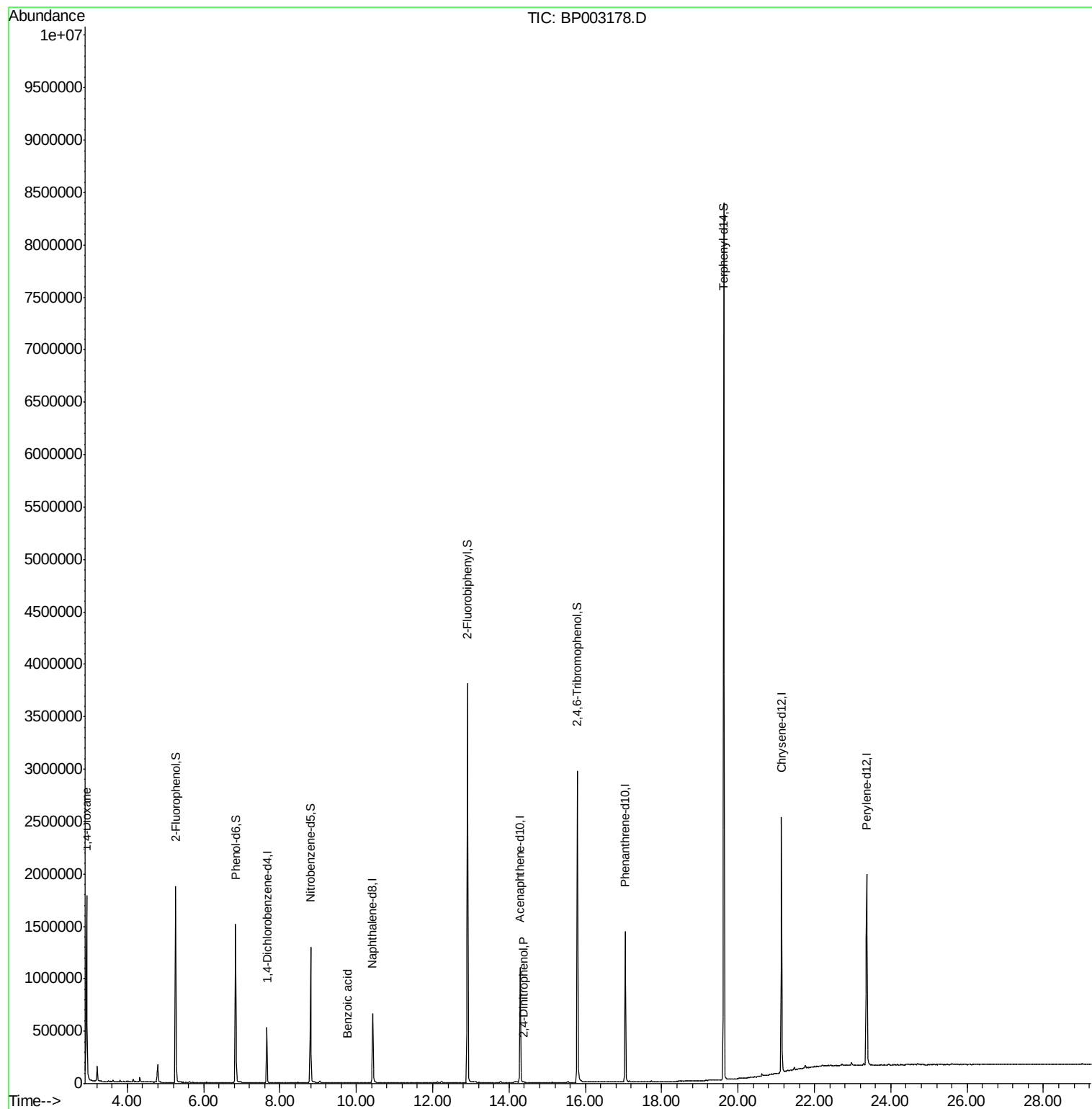
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	161372	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	637342	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	394430	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	886618	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1140243	20.00	ng	0.00
86) Perylene-d12	23.37	264	1374900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	990337	108.50	ng	0.00
7) Phenol-d6	6.83	99	1052637	92.00	ng	0.00
23) Nitrobenzene-d5	8.80	82	754953	85.39	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	677277	126.96	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2170502	80.59	ng	0.00
79) Terphenyl-d14	19.62	244	3707981	71.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.93	88	17032	4.881	ng	# 1
32) Benzoic acid	9.76	122	12	8.999	ng	# 1
54) 2,4-Dinitrophenol	14.39	184	24	7.761	ng	# 48

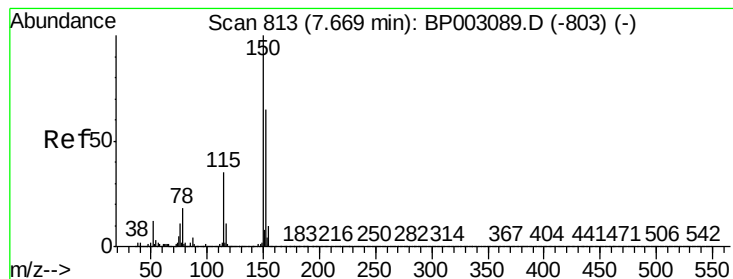
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.65 min Scan# 810

Delta R.T. -0.00 min

Lab File: BP003178.D

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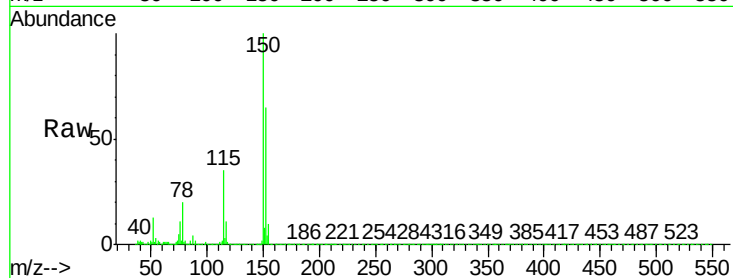
Tot Ion:152 Resp: 161372

Ion Ratio Lower Upper

152 100

150 154.1 123.8 185.6

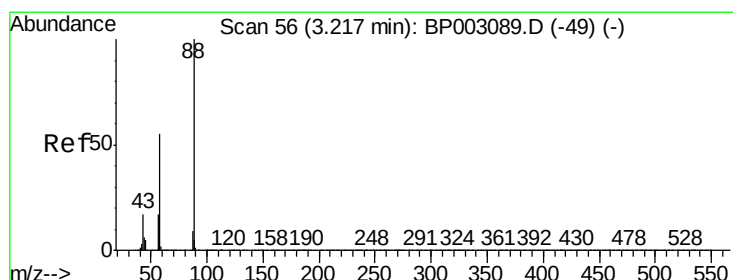
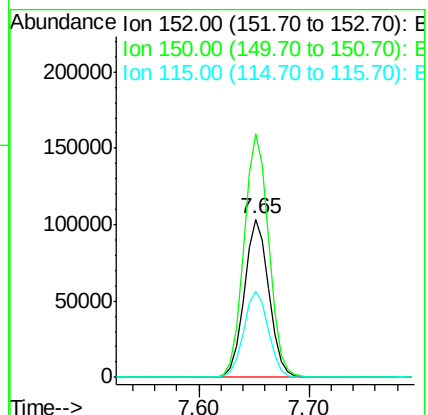
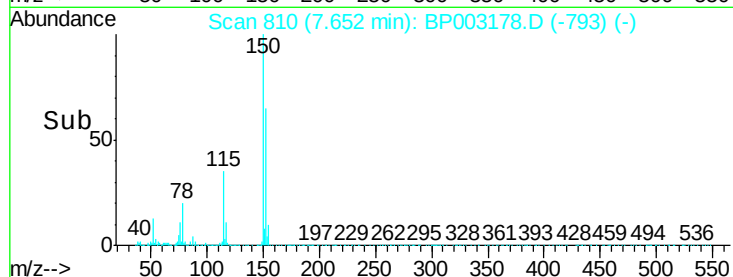
115 54.5 43.8 65.6



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: 4.881 ng

RT: 2.93 min Scan# 8

Delta R.T. -0.26 min

Lab File: BP003178.D

Acq: 01 Sep 2020 21:32

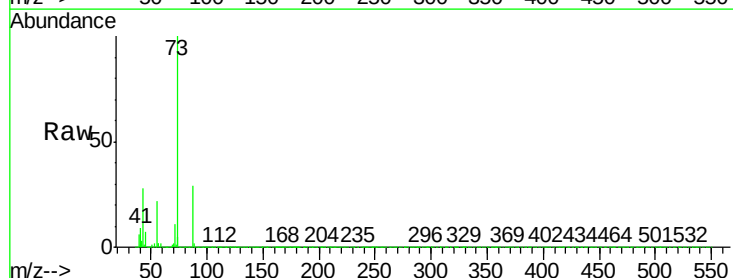
Tgt Ion: 88 Resp: 17032

Ion Ratio Lower Upper

88 100

58 21.2 44.2 66.4#

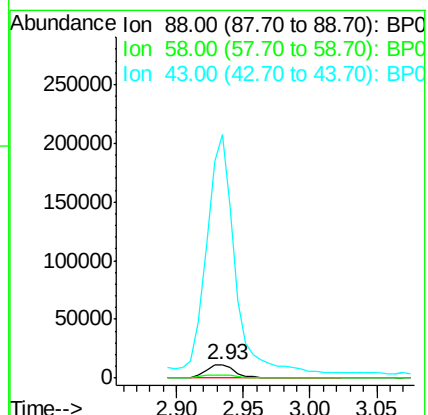
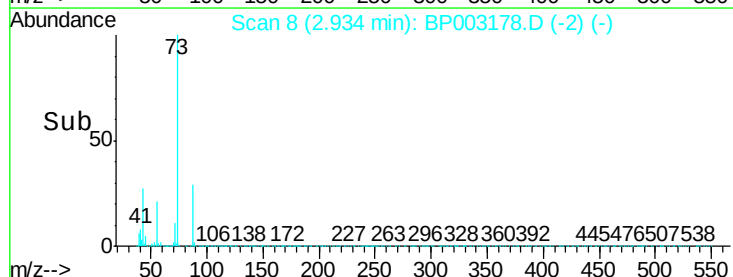
43 1705.4 15.2 22.8#

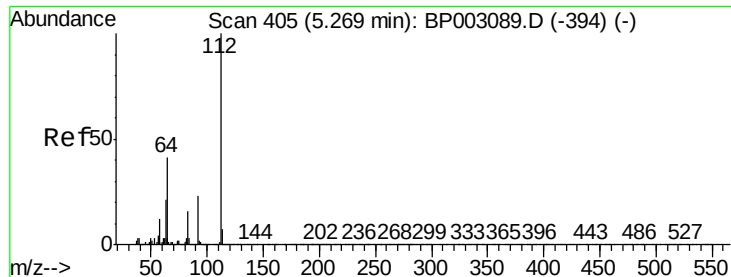


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 108.503 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003178.D

Acq: 01 Sep 2020 21:32

Instrument :

BNA_P

ClientSampleId :

11934

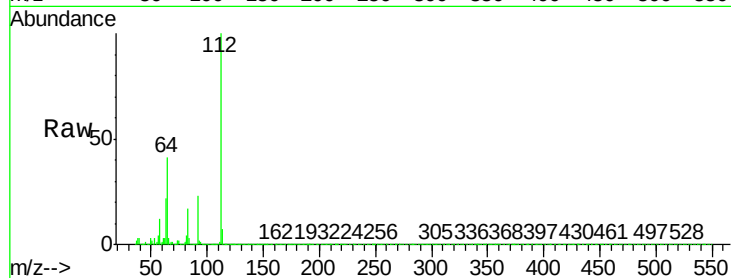
Tot Ion: 112 Resp: 990337

Ion Ratio Lower Upper

112 100

64 40.7 32.8 49.2

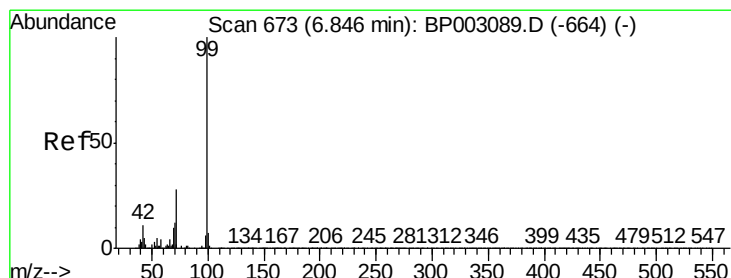
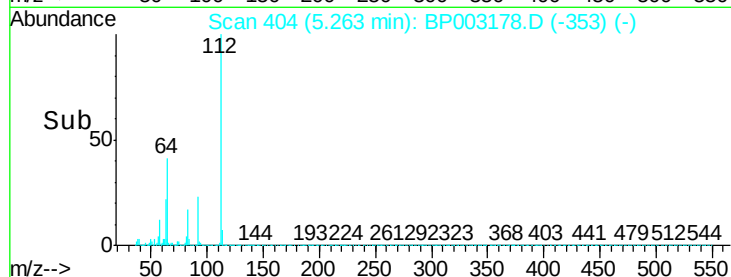
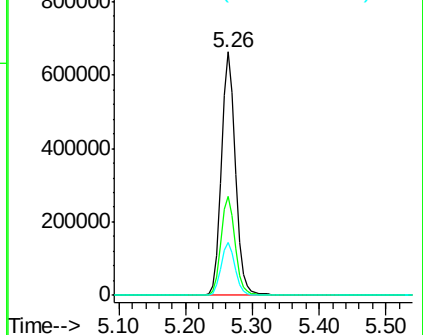
63 21.6 17.0 25.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 92.001 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003178.D

Acq: 01 Sep 2020 21:32

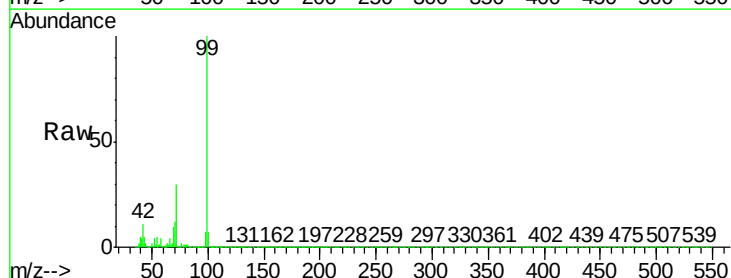
Tgt Ion: 99 Resp: 1052637

Ion Ratio Lower Upper

99 100

42 11.0 8.6 13.0

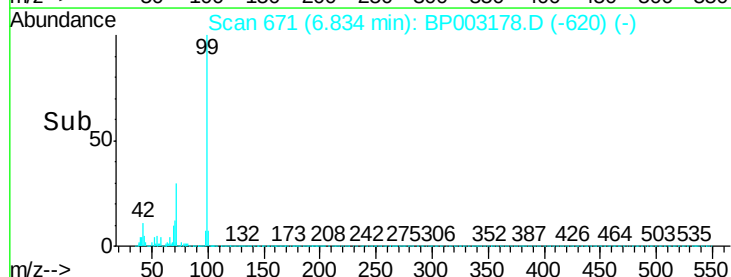
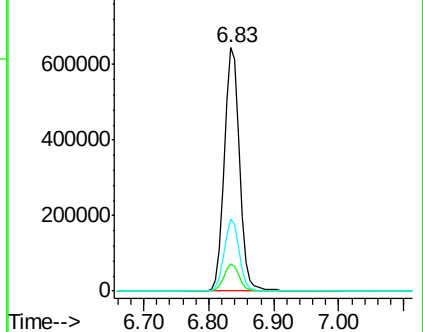
71 29.7 23.4 35.2

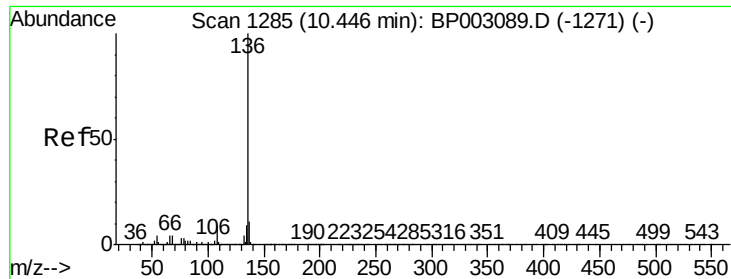


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

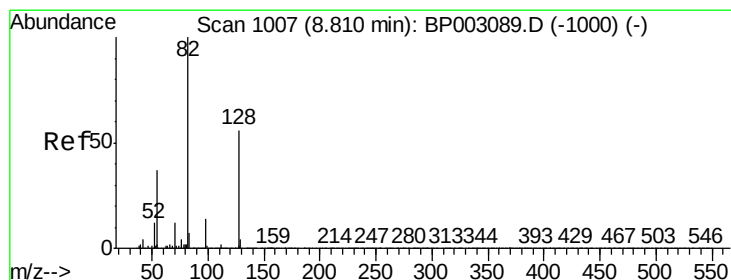
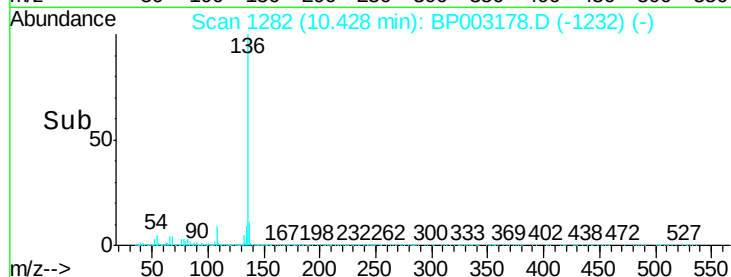
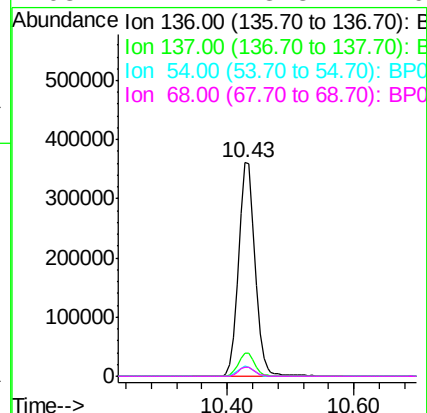
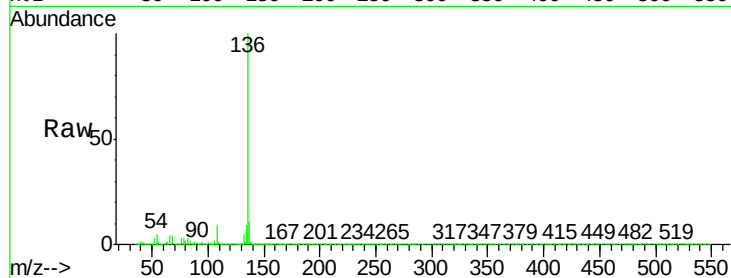




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

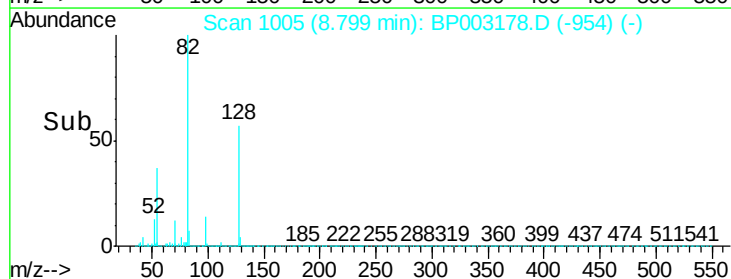
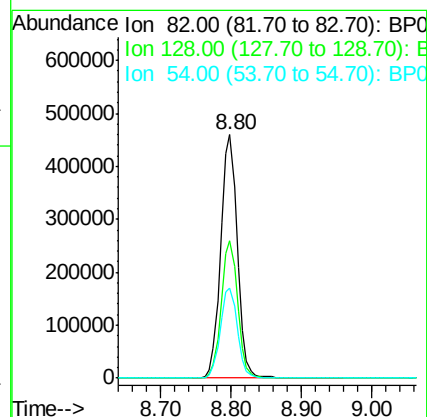
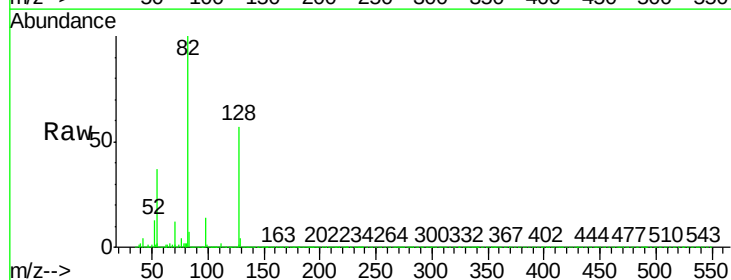
Instrument :
BNA_P
ClientSampleId :
11934

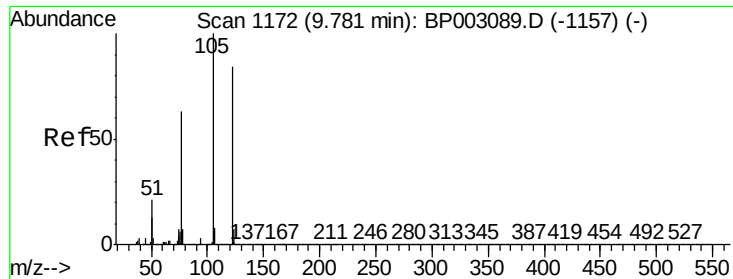
Tot Ion:136	Resp: 637342
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 4.7	3.6 5.4
68 4.2	3.3 4.9



#23
Nitrobenzene-d5
Concen: 85.394 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

Tgt Ion: 82	Resp: 754953
Ion Ratio	Lower Upper
82 100	
128 56.6	45.6 68.4
54 37.0	30.1 45.1

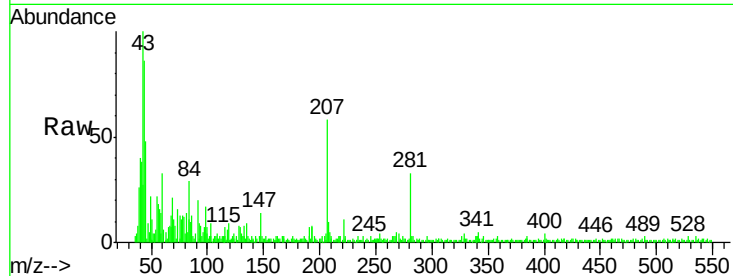




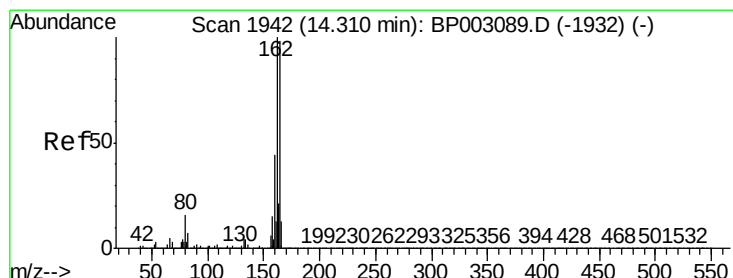
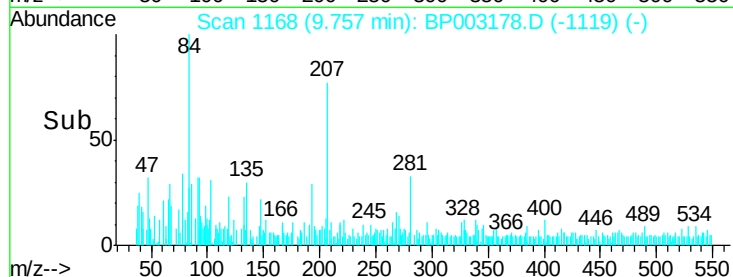
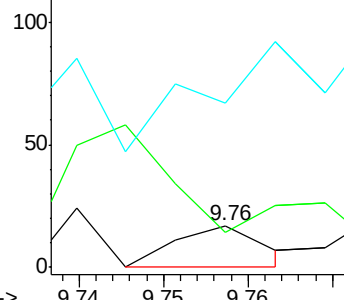
#32
Benzoic acid
Concen: 8.999 ng
RT: 9.76 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

Instrument :
BNA_P
ClientSampled :
11934

Tot Ion:122 Resp: 12
Ion Ratio Lower Upper
122 100
105 82.4 94.1 134.1#
77 394.1 50.1 90.1#

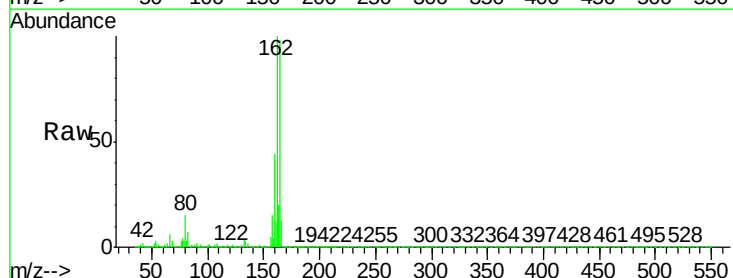


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

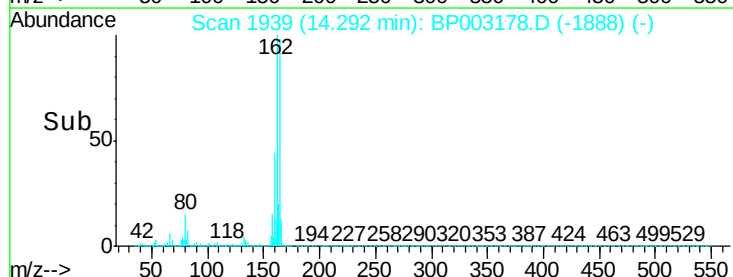
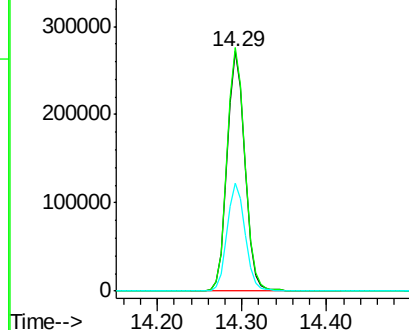


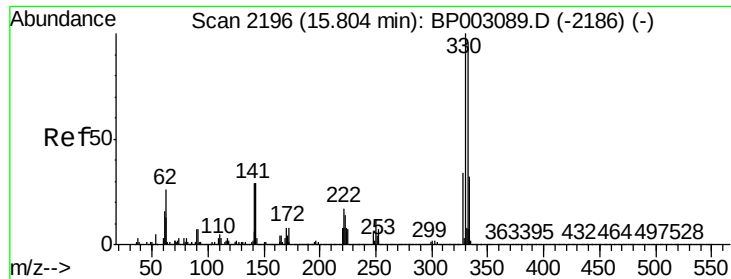
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

Tgt Ion:164 Resp: 394430
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 44.9 36.1 54.1



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

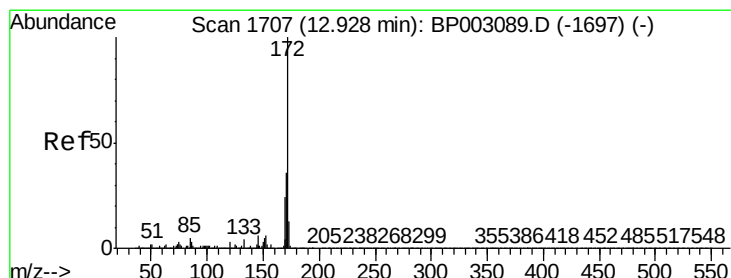
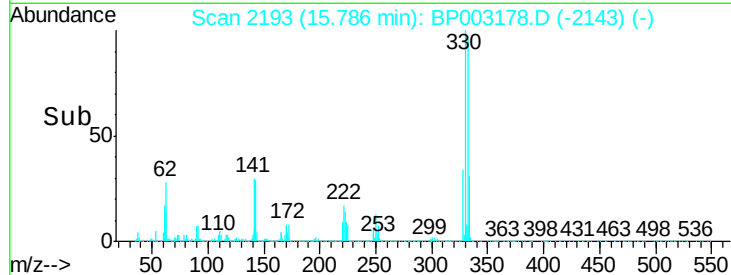
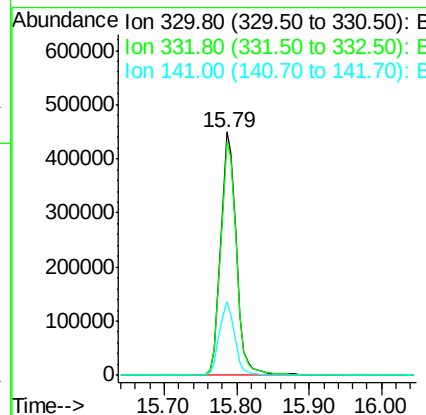
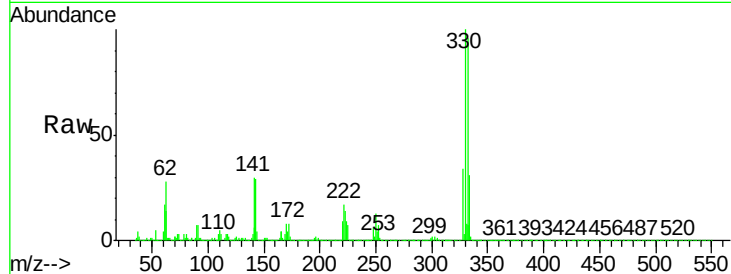




#42
2,4,6-Tribromophenol
Concen: 126.960 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

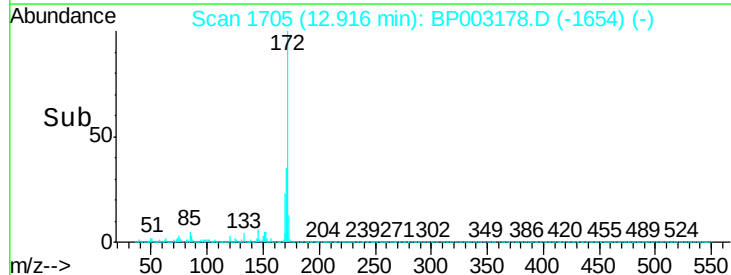
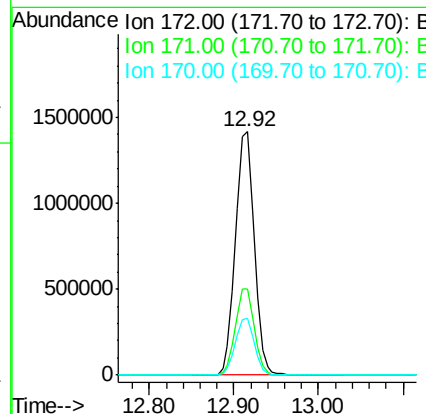
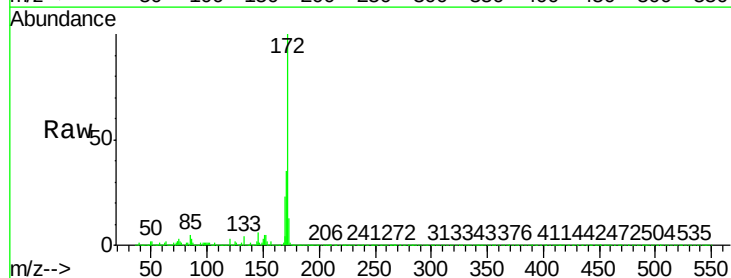
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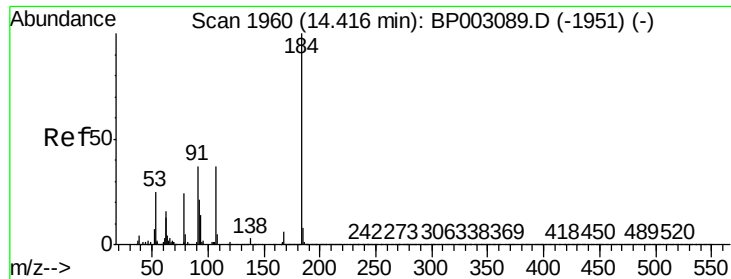
Tot Ion:330 Resp: 677277
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 80.587 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

Tgt Ion:172 Resp: 2170502
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 19.2 28.8

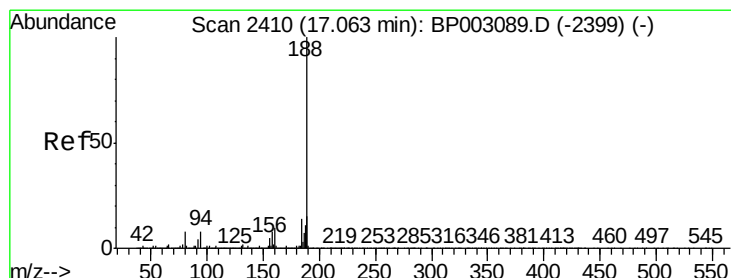
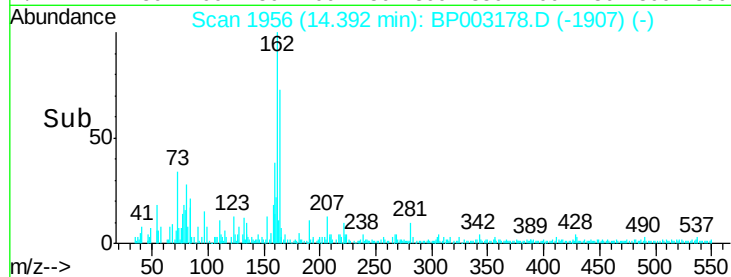
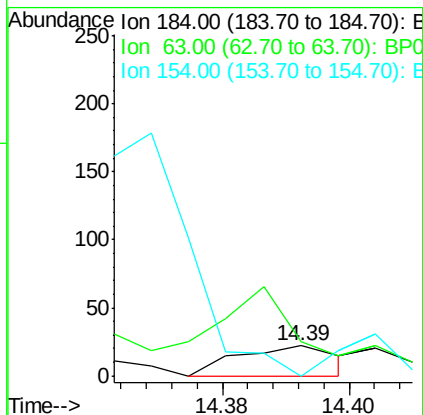
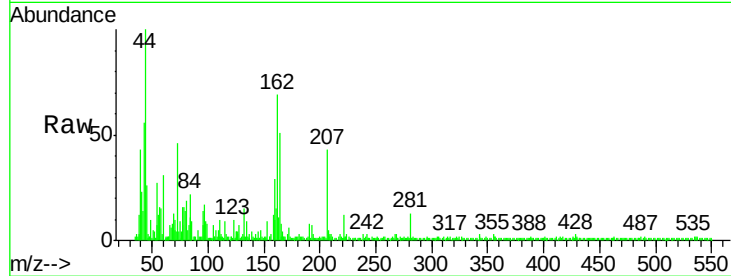




#54
2,4-Dinitrophenol
Concen: 7.761 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

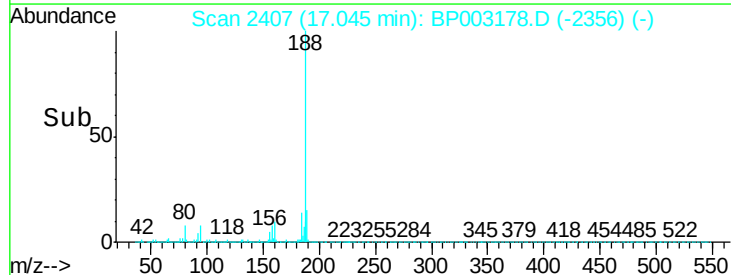
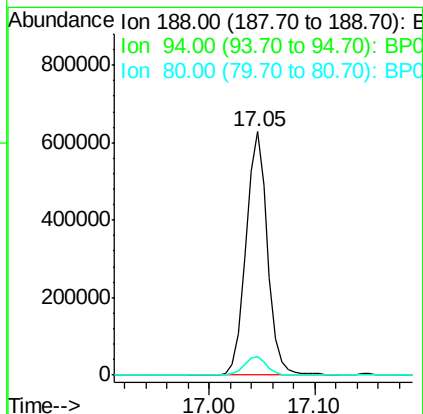
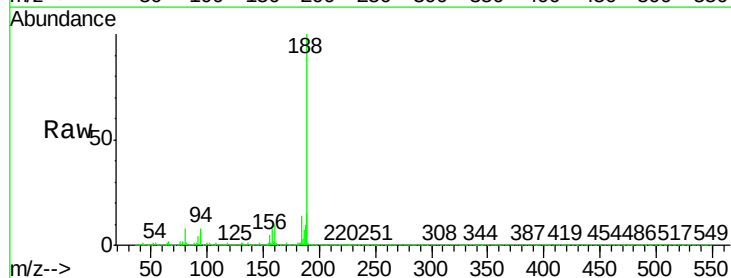
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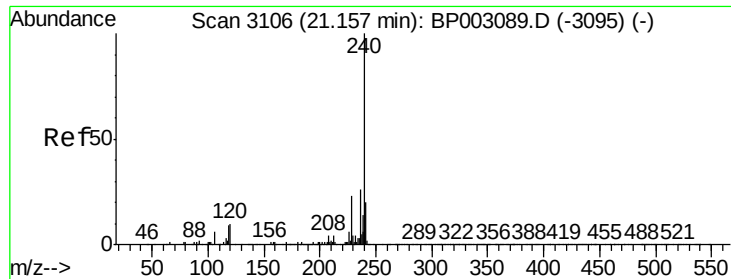
Tot Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 113.6 32.3 48.5#
154 68.2 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

Tgt Ion:188 Resp: 886618
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 7.7 6.2 9.2

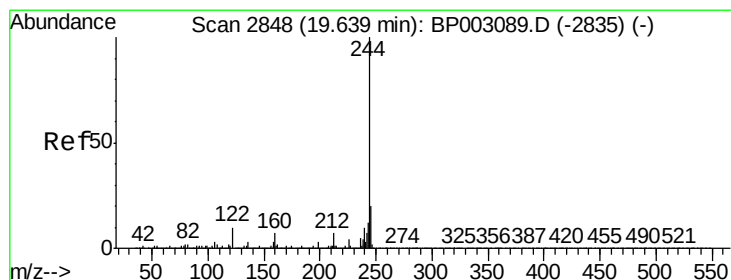
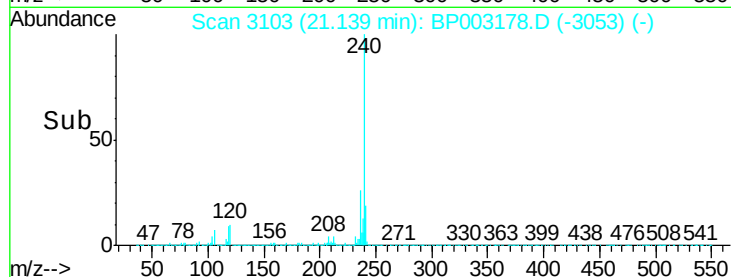
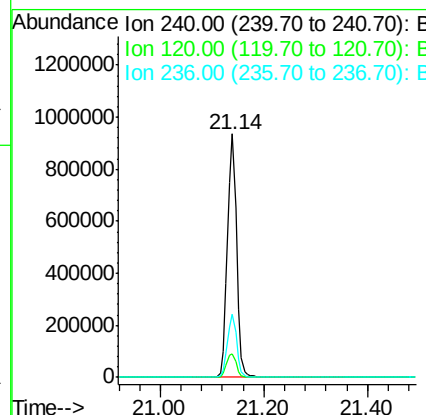
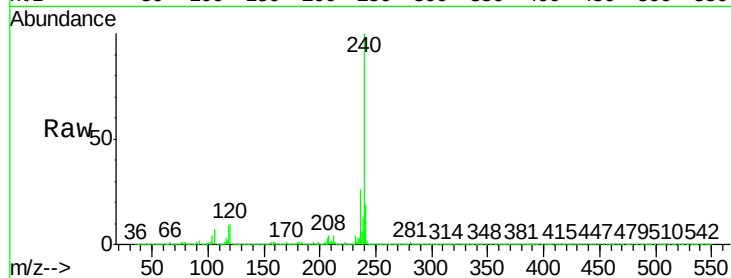




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BP003178.D
 Acq: 01 Sep 2020 21:32

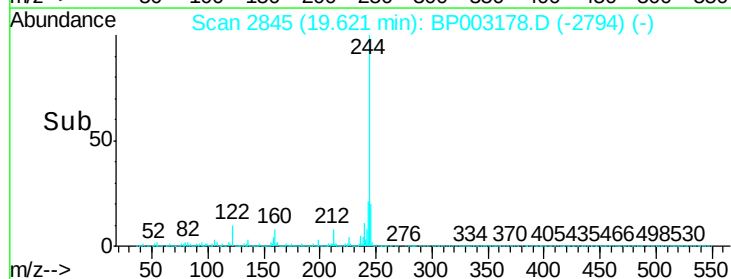
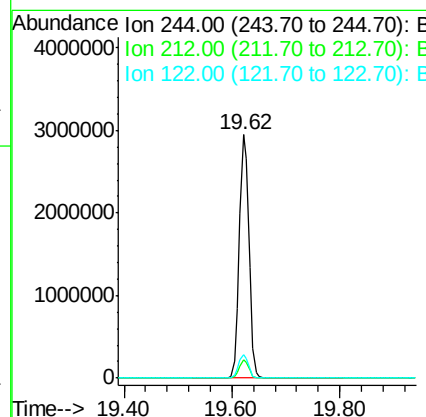
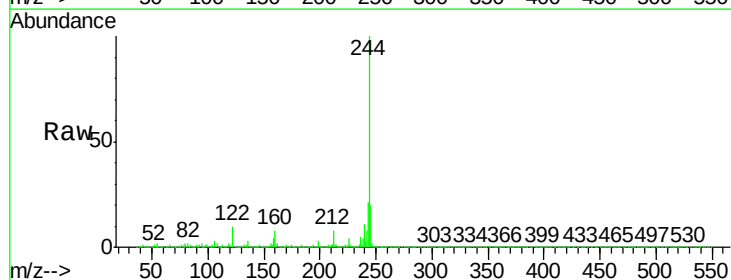
Instrument :
 BNA_P
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 11934

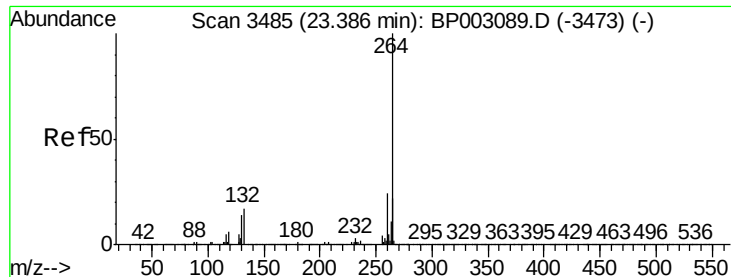
Tot Ion:240 Resp: 1140243
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.8 11.6
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 71.556 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003178.D
 Acq: 01 Sep 2020 21:32

Tgt Ion:244 Resp: 3707981
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 9.8 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003178.D
Acq: 01 Sep 2020 21:32

Instrument :
BNA_P
ClientSampleId :
11934

Tot Ion:264 Resp: 1374900

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.4	26.2

