

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003175.D
 Acq On : 01 Sep 2020 19:49
 Operator : CG/JU
 Sample : L3851-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-78

Quant Time: Sep 02 00:50:37 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

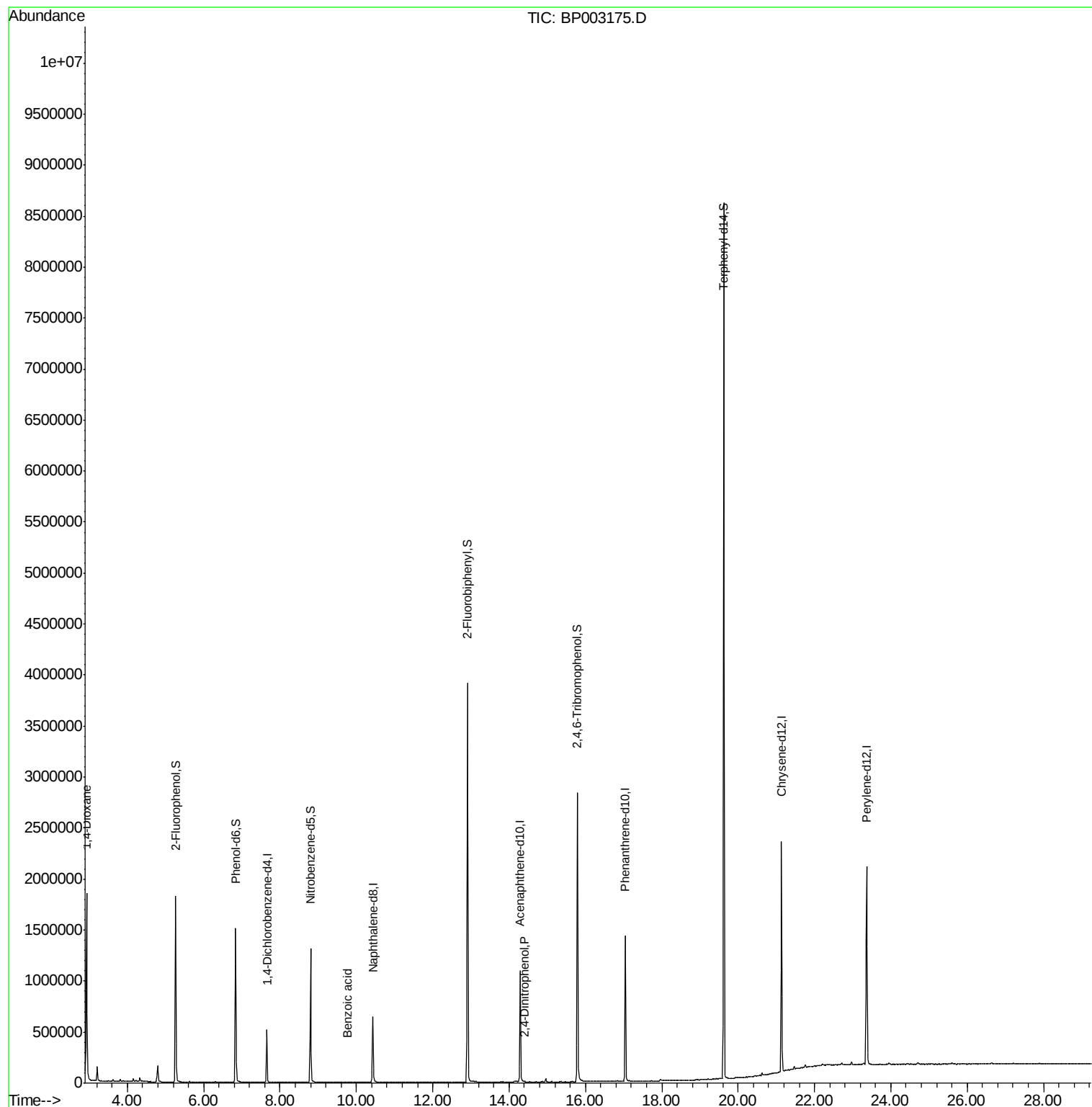
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	158145	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	622557	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	387926	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	891758	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1118385	20.00	ng	0.00
86) Perylene-d12	23.37	264	1377818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	955214	106.79	ng	0.00
7) Phenol-d6	6.83	99	1044393	93.14	ng	0.00
23) Nitrobenzene-d5	8.80	82	773628	89.58	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	672568	128.19	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2231614	84.25	ng	0.00
79) Terphenyl-d14	19.62	244	3866403	76.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.93	88	17878	5.228	ng	Qvalue # 1
32) Benzoic acid	9.76	122	22	9.000	ng	81
54) 2,4-Dinitrophenol	14.40	184	13	7.759	ng	# 14

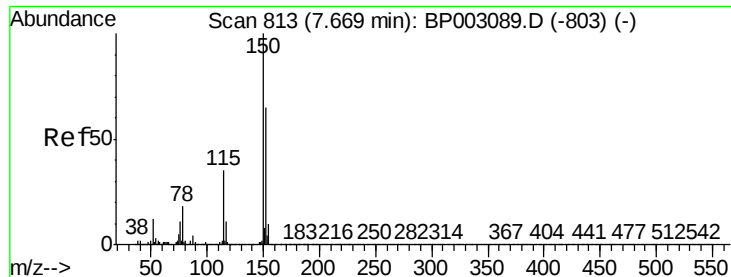
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP003175.D

Acq: 01 Sep 2020 19:49

Instrument :

BNA_P

ClientSampleId :

RBR-78

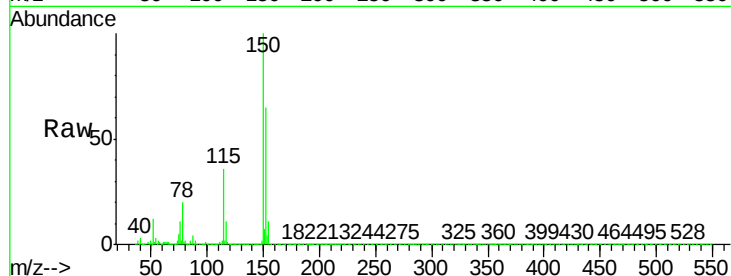
Tot Ion:152 Resp: 158145

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

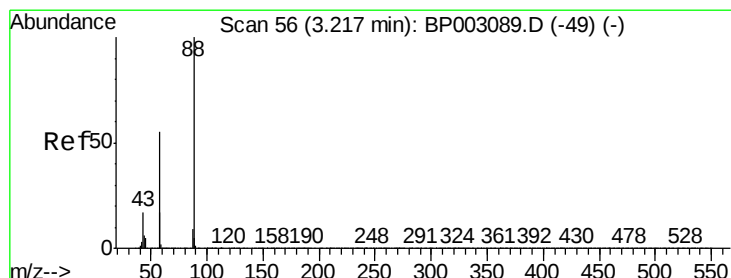
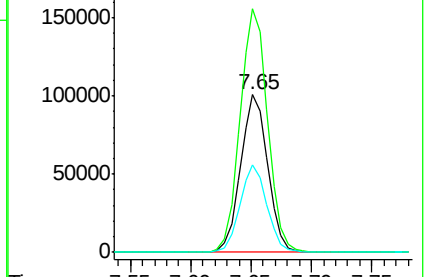
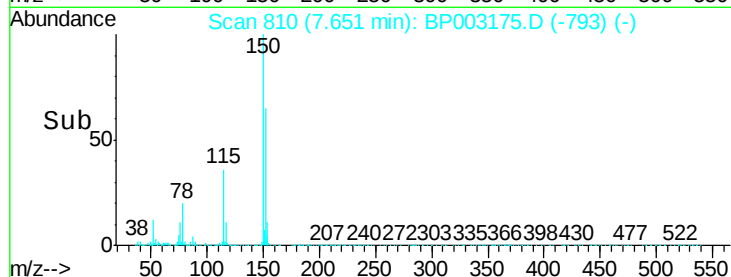
115 55.7 43.8 65.6



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: 5.228 ng

RT: 2.93 min Scan# 8

Delta R.T. -0.27 min

Lab File: BP003175.D

Acq: 01 Sep 2020 19:49

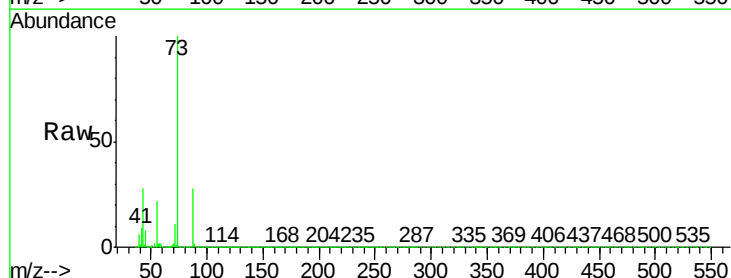
Tgt Ion: 88 Resp: 17878

Ion Ratio Lower Upper

88 100

58 22.2 44.2 66.4#

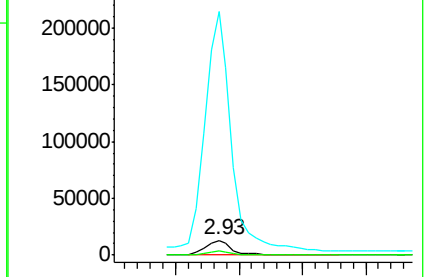
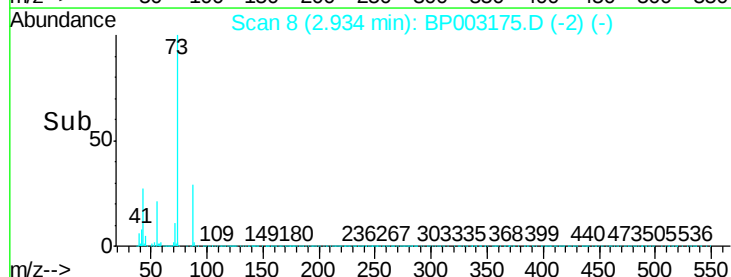
43 1685.6 15.2 22.8#

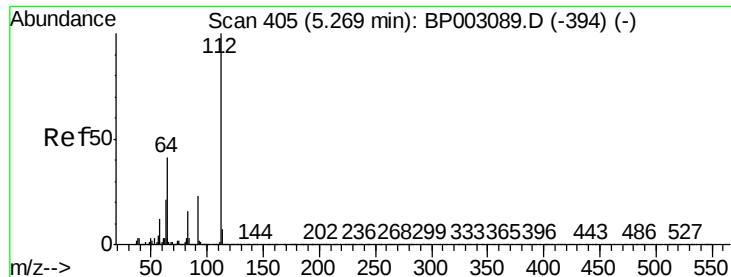


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 106.791 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003175.D

Acq: 01 Sep 2020 19:49

Instrument :

BNA_P

ClientSampleId :

RBR-78

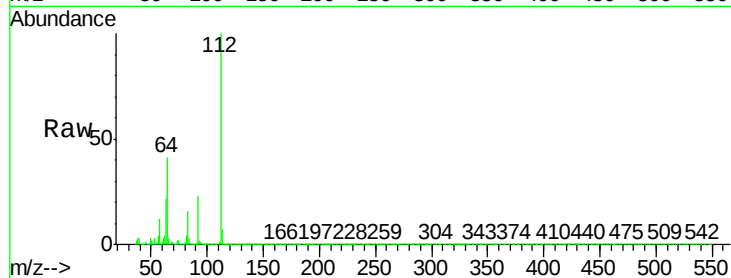
Tot Ion: 112 Resp: 955214

Ion Ratio Lower Upper

112 100

64 41.1 32.8 49.2

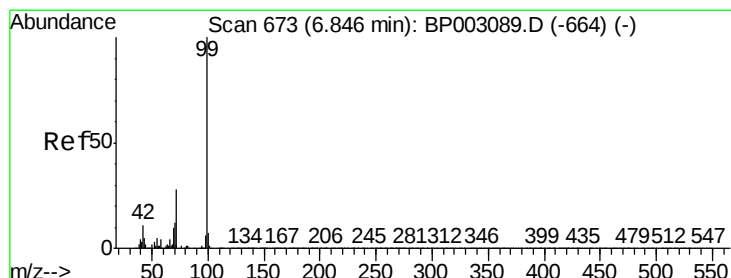
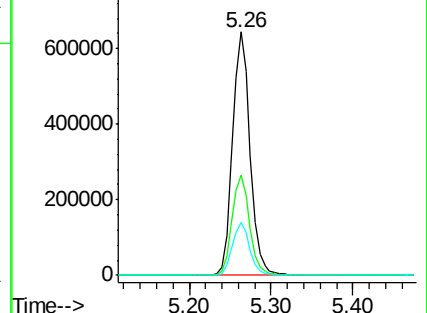
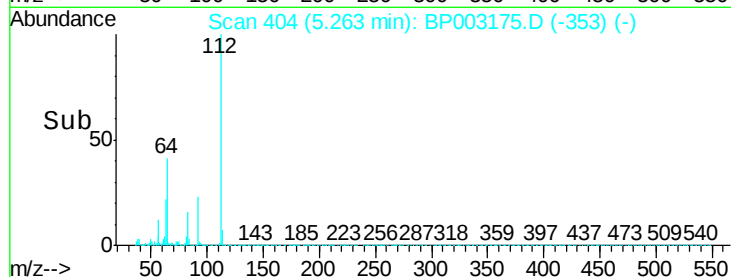
63 21.9 17.0 25.4



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: 93.143 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003175.D

Acq: 01 Sep 2020 19:49

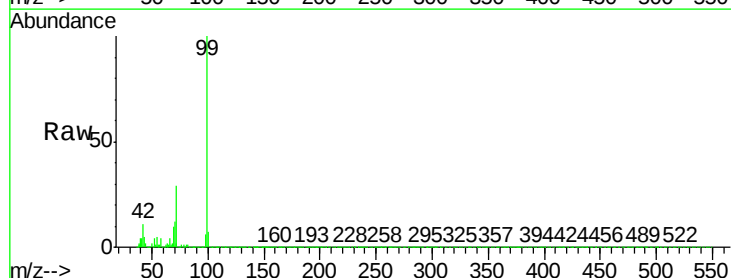
Tgt Ion: 99 Resp: 1044393

Ion Ratio Lower Upper

99 100

42 11.1 8.6 13.0

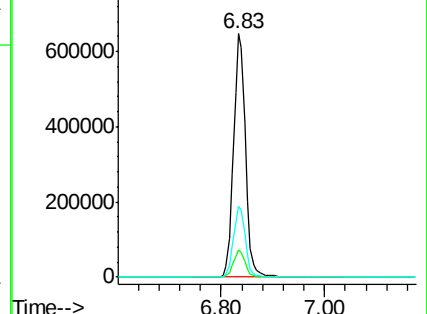
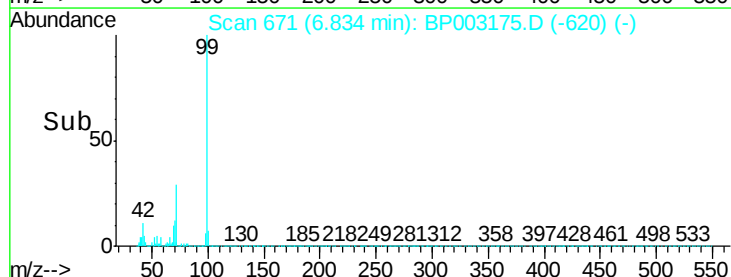
71 29.2 23.4 35.2

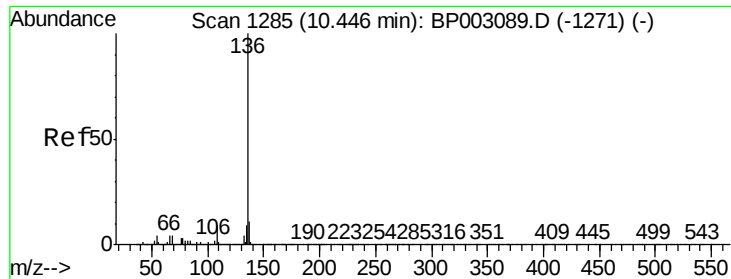


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

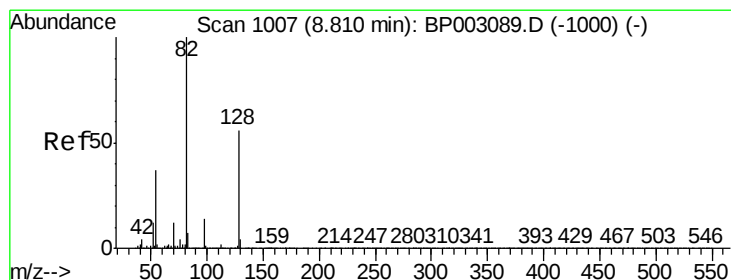
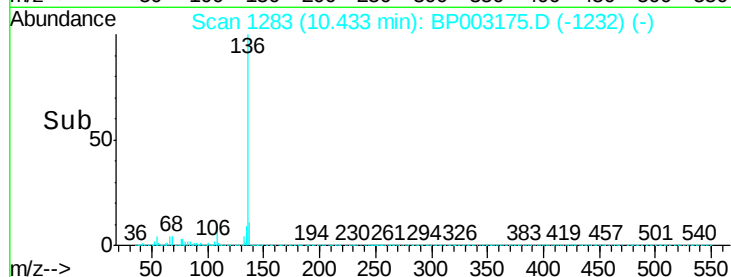
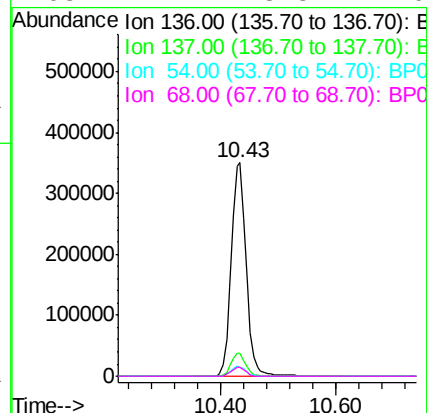
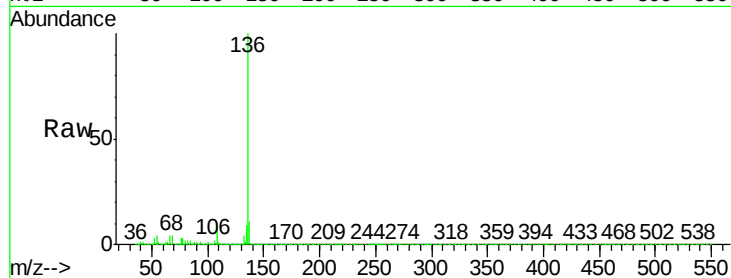




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

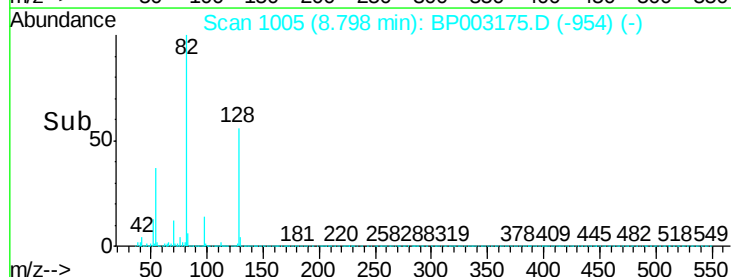
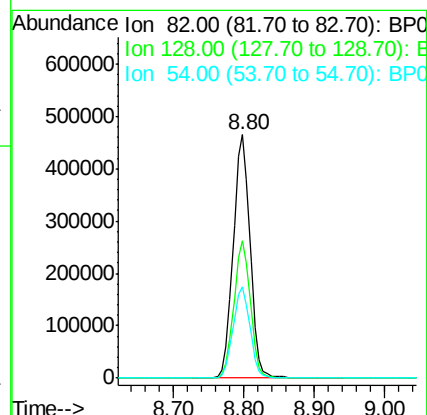
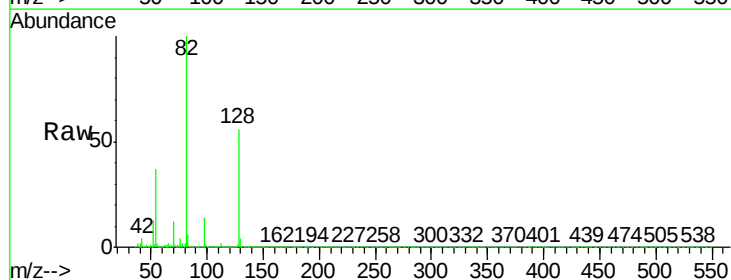
Instrument :
BNA_P
ClientSampleId :
RBR-78

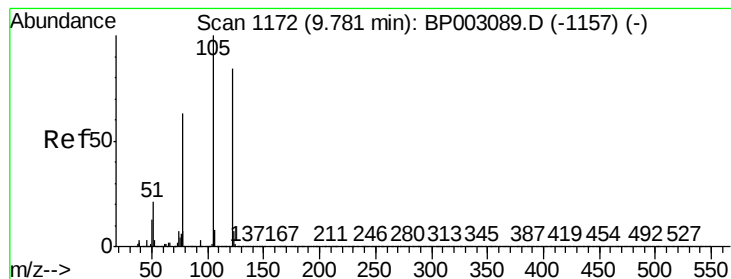
Tot Ion:136	Resp:	622557	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.6	13.0	
54 4.3	3.6	5.4	
68 4.1	3.3	4.9	



#23
Nitrobenzene-d5
Concen: 89.584 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

Tgt Ion: 82	Resp: 773628
Ion Ratio	Lower Upper
82 100	
128 56.3	45.6 68.4
54 37.4	30.1 45.1





#32

Benzoic acid

Concen: 9.000 ng

RT: 9.76 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BP003175.D

Acq: 01 Sep 2020 19:49

Instrument :

BNA_P

ClientSampled :

RBR-78

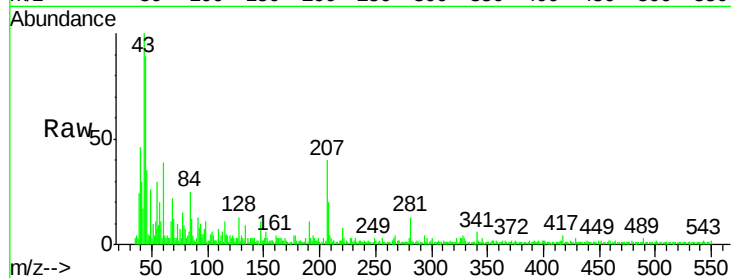
Tot Ion:122 Resp: 22

Ion Ratio Lower Upper

122 100

105 97.4 94.1 134.1

77 89.5 50.1 90.1

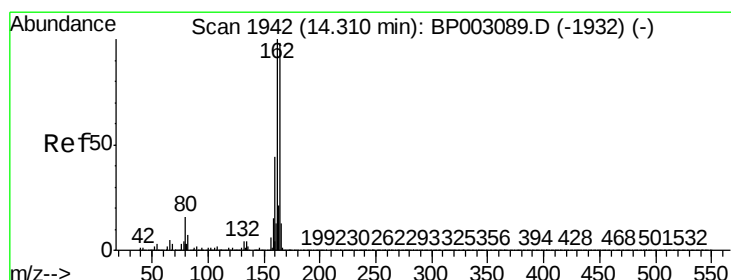
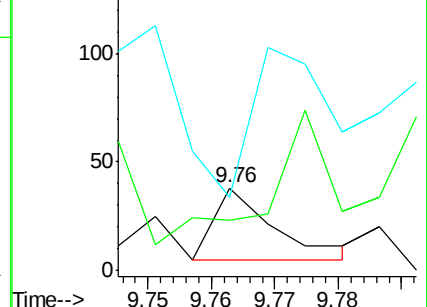
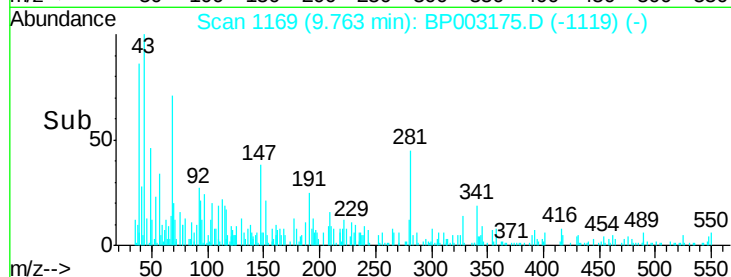


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003175.D

Acq: 01 Sep 2020 19:49

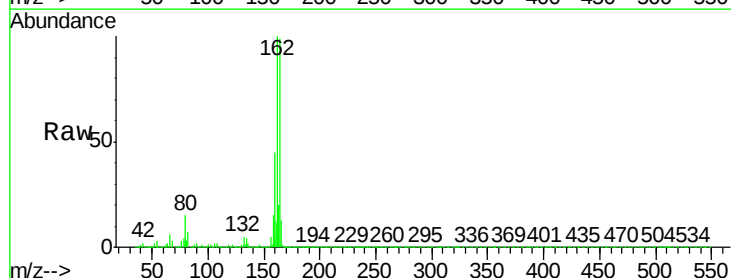
Tgt Ion:164 Resp: 387926

Ion Ratio Lower Upper

164 100

162 101.1 79.4 119.2

160 45.0 36.1 54.1

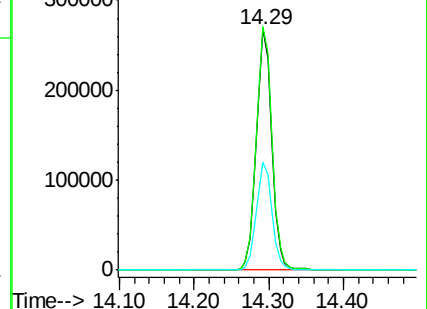
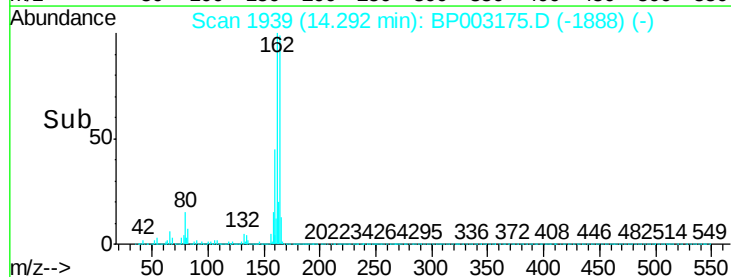


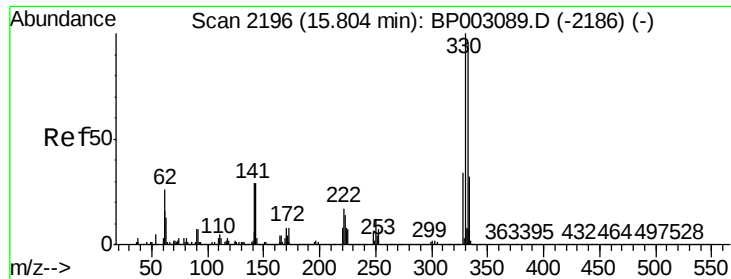
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

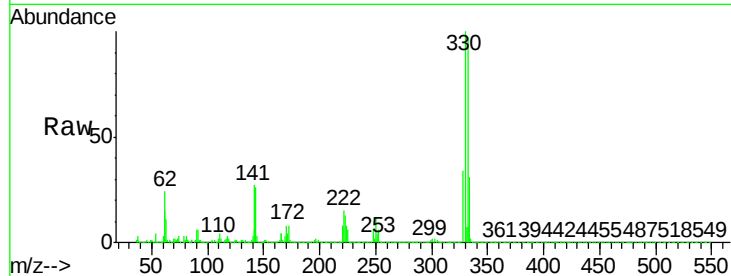




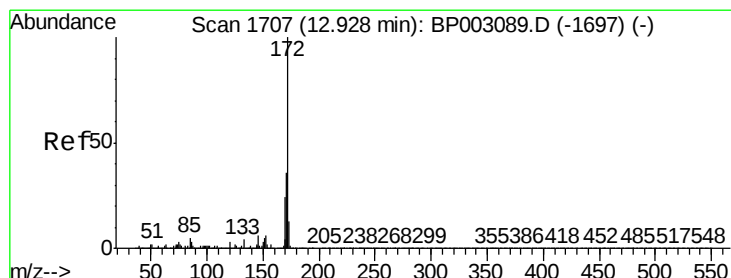
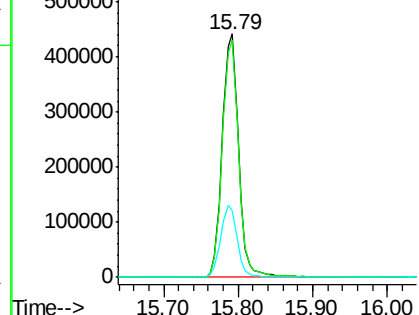
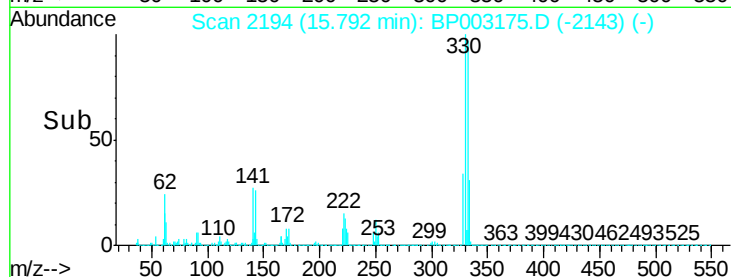
#42
2,4,6-Tribromophenol
Concen: 128.191 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

Instrument :
BNA_P
ClientSampleId :
RBR-78

Tot Ion:330 Resp: 672568
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.8 23.4 35.2

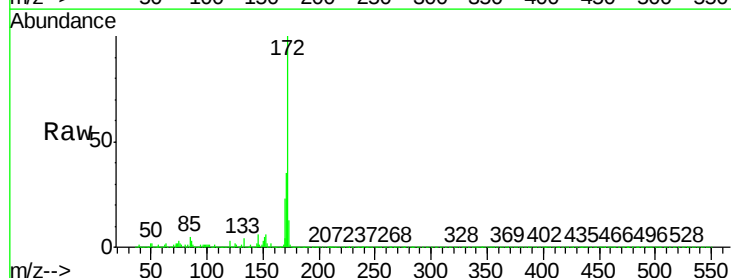


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

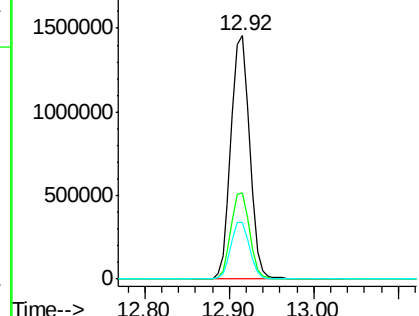
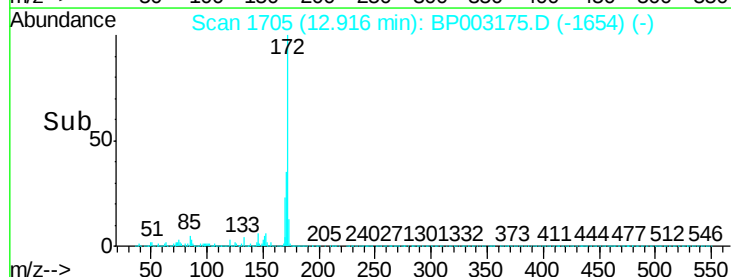


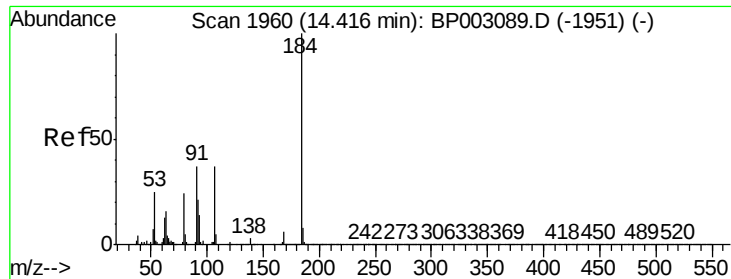
#45
2-Fluorobiphenyl
Concen: 84.245 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

Tgt Ion:172 Resp: 2231614
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

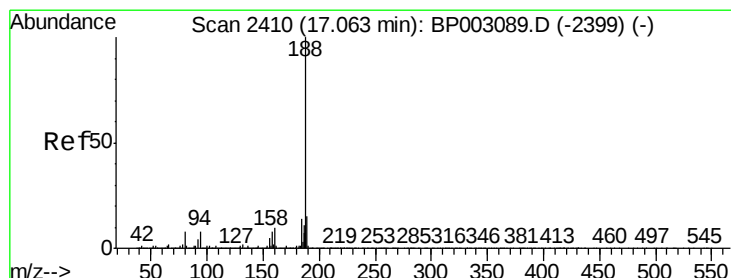
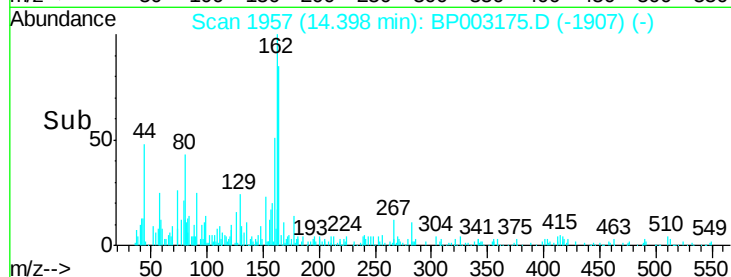
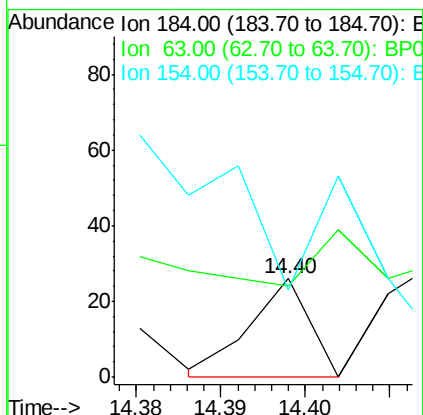
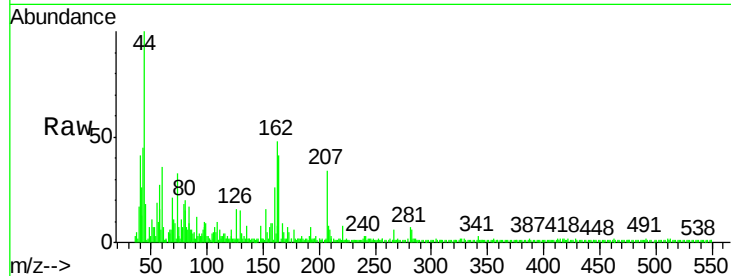




#54
2,4-Dinitrophenol
Concen: 7.759 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

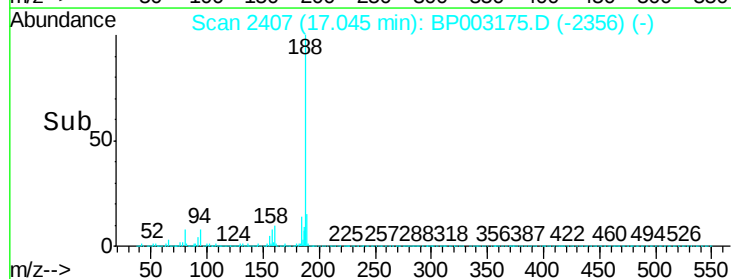
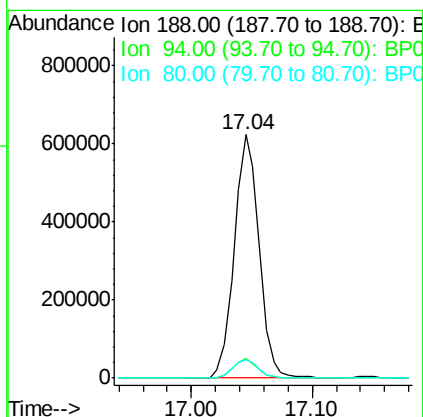
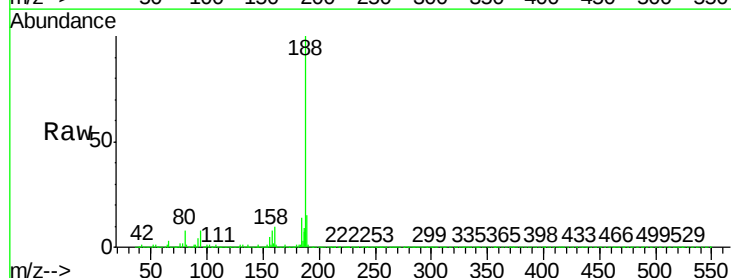
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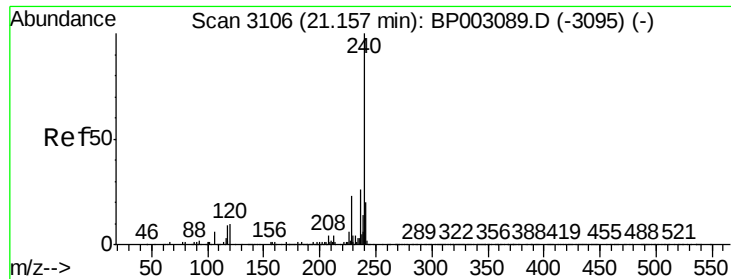
Tot Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 142.3 32.3 48.5#
154 88.5 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

Tgt Ion:188 Resp: 891758
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 7.7 6.2 9.2

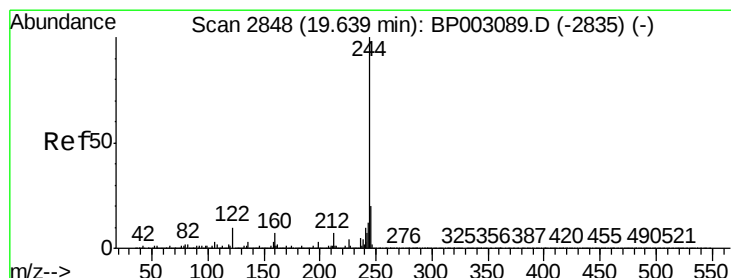
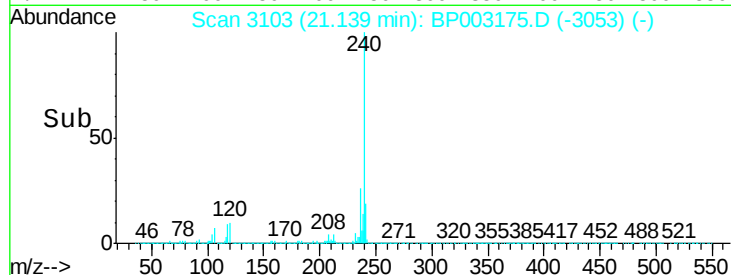
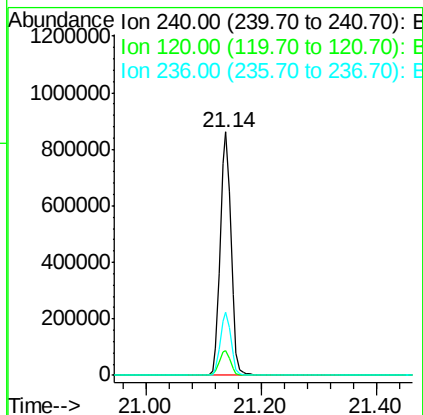
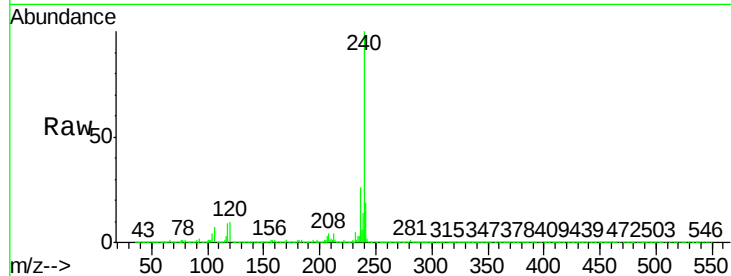




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

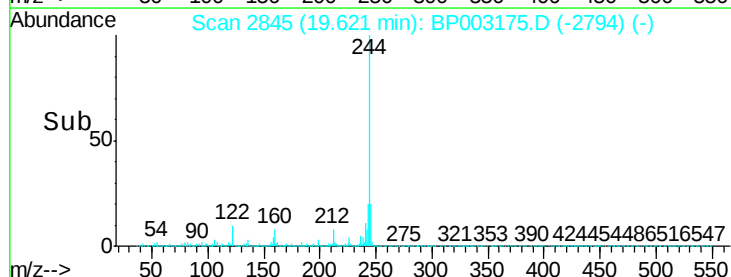
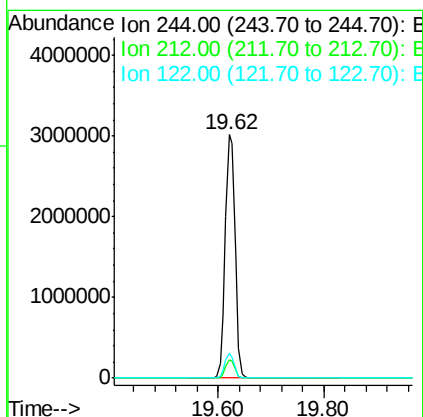
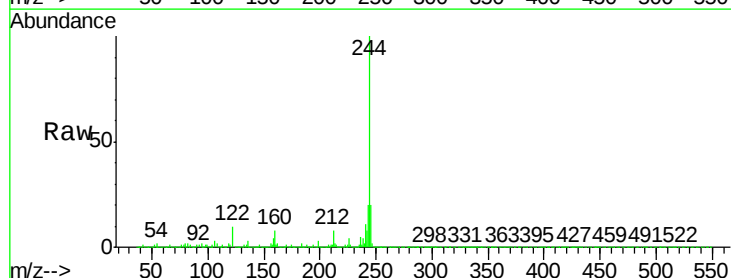
Instrument :
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RBR-78

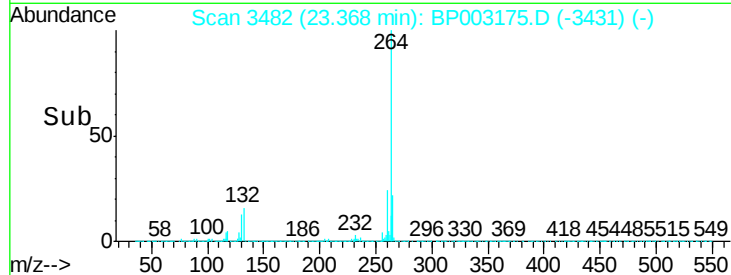
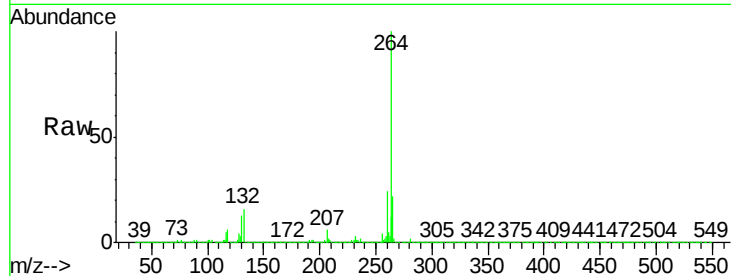
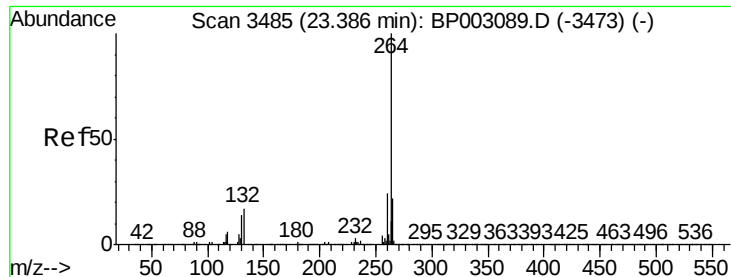
Tot Ion:240 Resp: 1118385
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 76.072 ng
RT: 19.62 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

Tgt Ion:244 Resp: 3866403
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.2 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: BP003175.D
Acq: 01 Sep 2020 19:49

Instrument :
BNA_P
ClientSampleId :
RBR-78

Tot Ion:264 Resp: 1377818

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.9	17.4	26.2

