

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 04:35:54 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

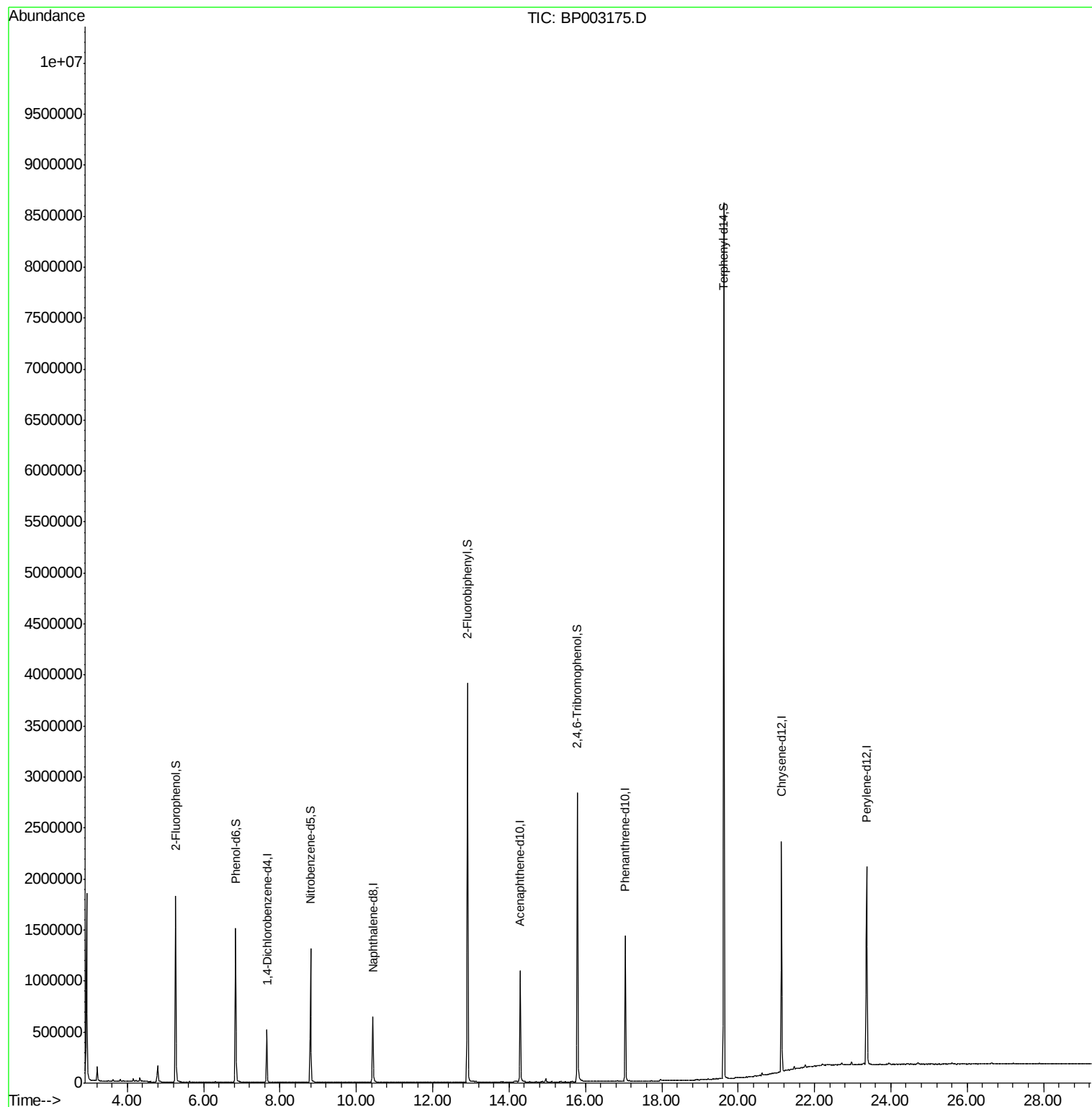
Target Compounds Qvalue

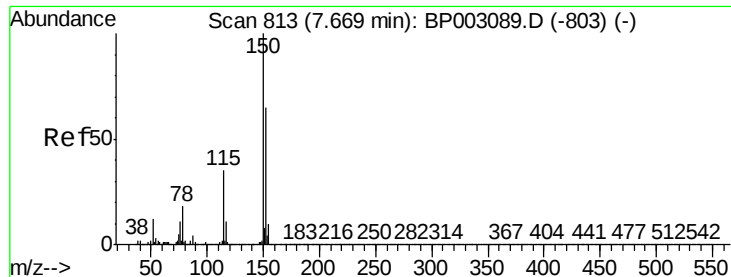
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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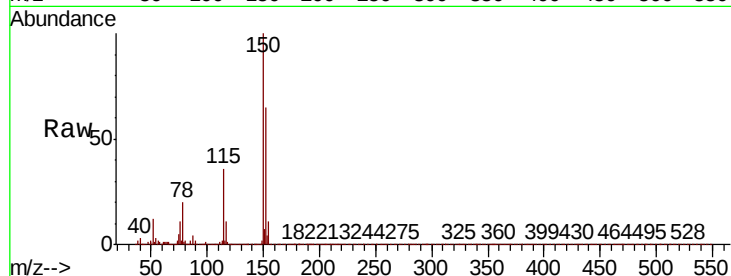


#1

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	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	55.7	43.8	65.6

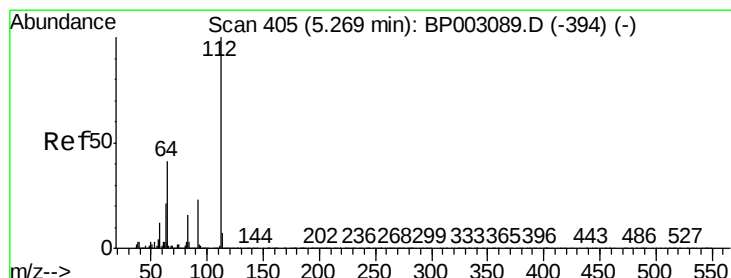
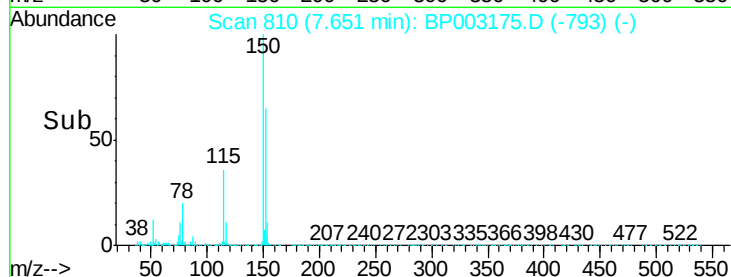
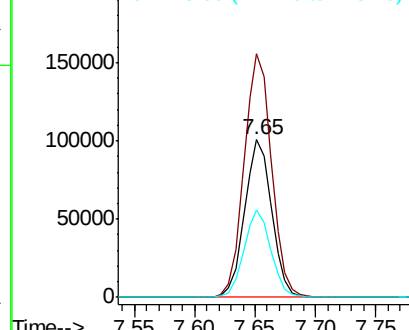


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

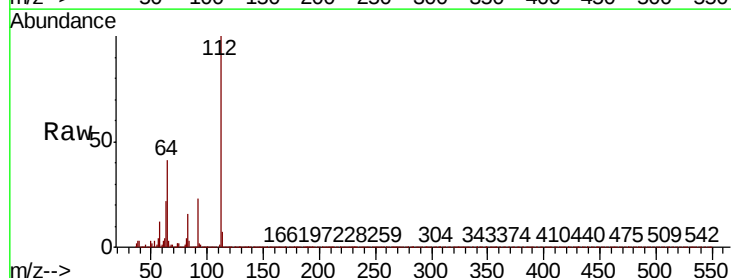
Ion 115.00 (114.70 to 115.70): E



#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

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.1	32.8	49.2
63	21.9	17.0	25.4

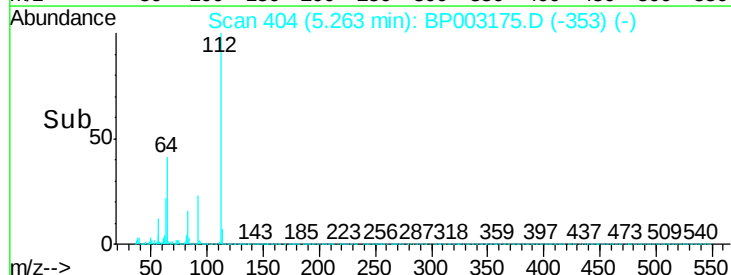
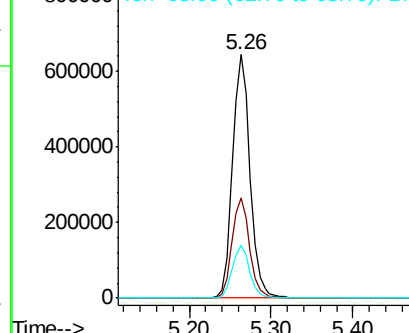


Abundance

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

Instrument :

BNA_P

ClientSampleId :

RBR-78

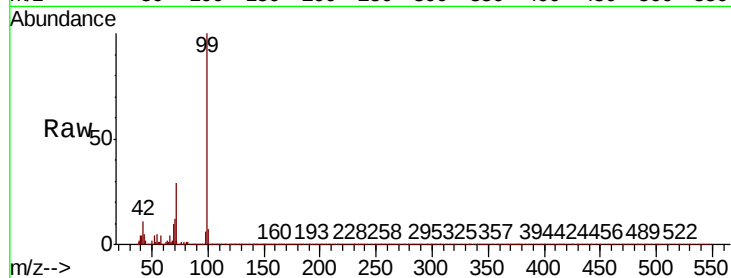
Tot Ion: 99 Resp: 1044393

Ion Ratio Lower Upper

99 100

42 11.1 8.6 13.0

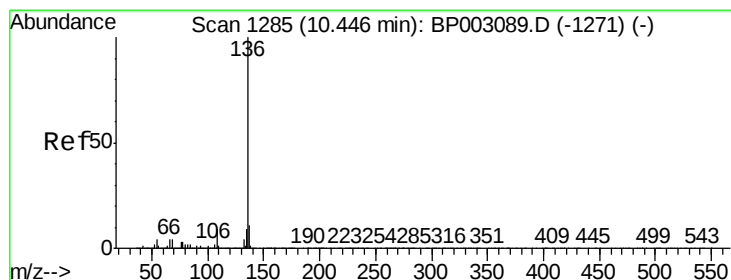
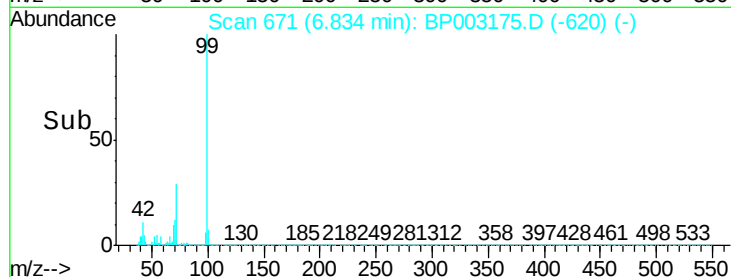
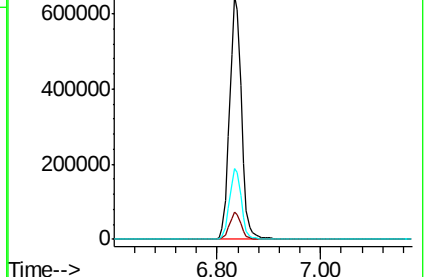
71 29.2 23.4 35.2



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

Tgt Ion: 136 Resp: 622557

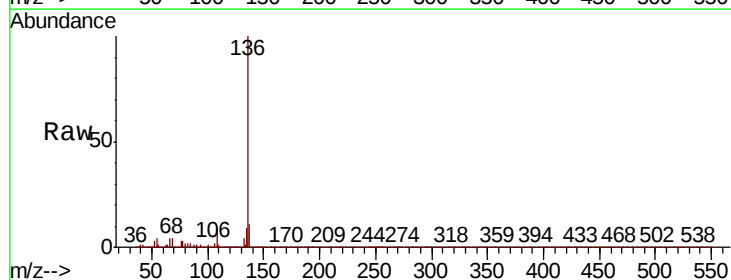
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 4.3 3.6 5.4

68 4.1 3.3 4.9

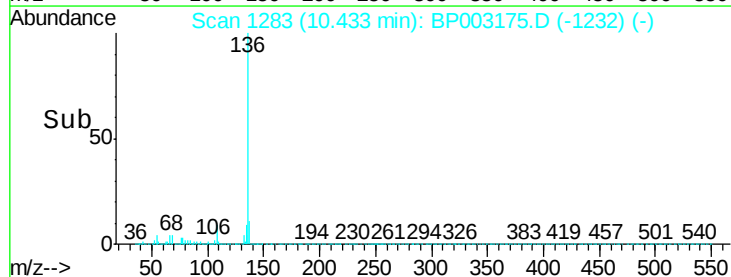
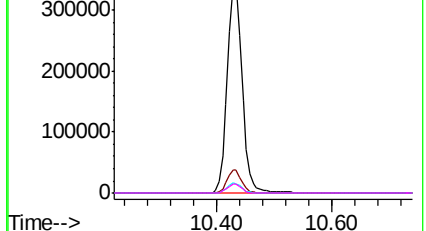


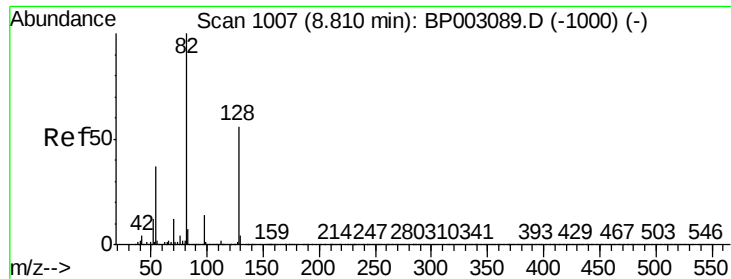
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

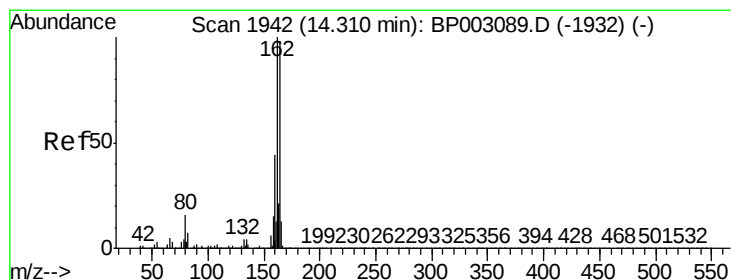
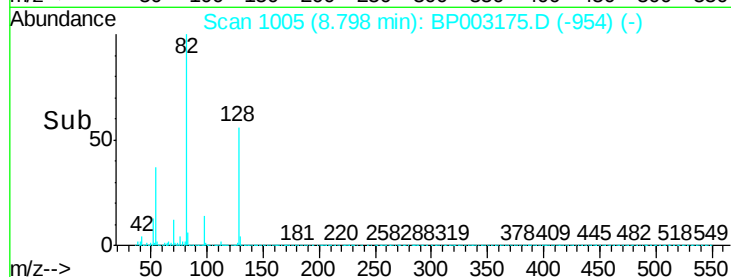
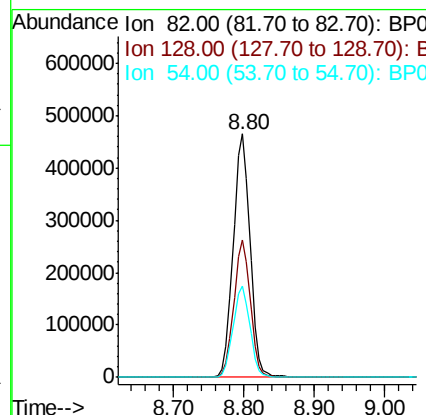
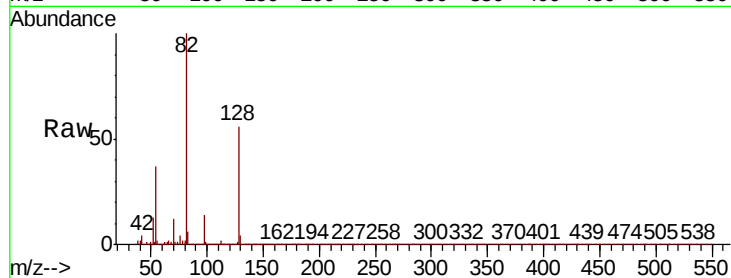




#23
 Nitrobenzene-d5
 Concen: 89.584 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003175.D
 Acq: 01 Sep 2020 19:49

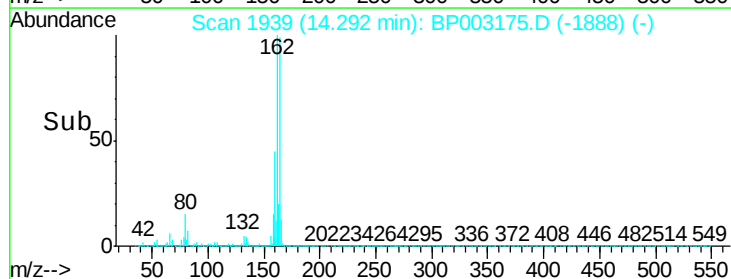
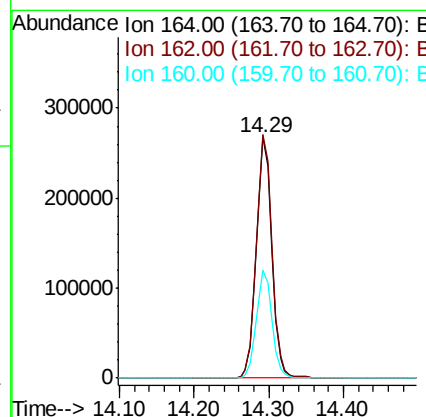
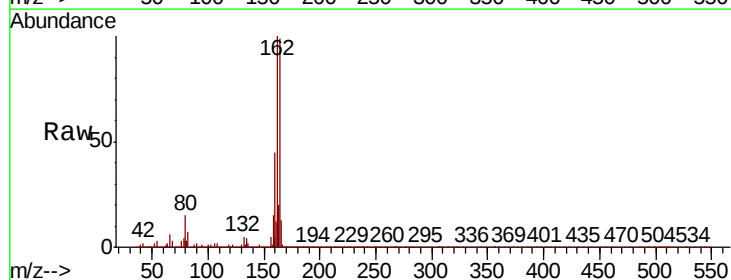
Instrument :
 BNA_P
 ClientSampleId :
 RBR-78

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



#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

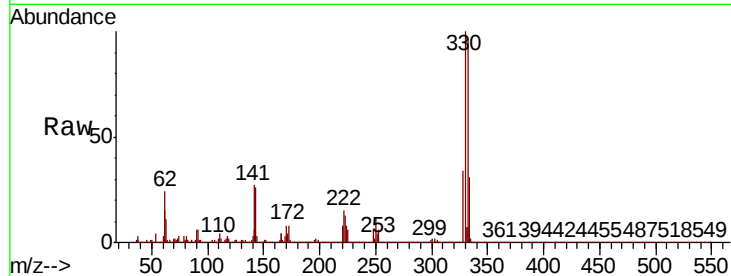




#42
2,4,6-Tribromophenol
Concen: 128.191 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003175.D
Acq: 01 Sep 2020 19:49

Instrument :
BNA_P
ClientSampleId :
RBR-78

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

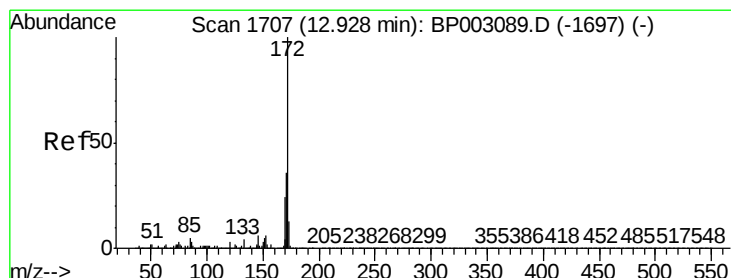
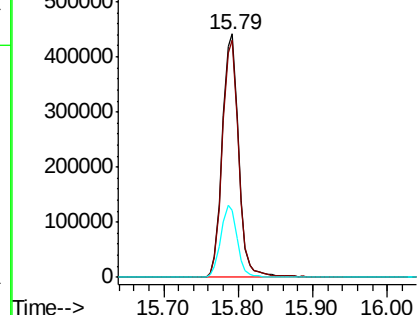
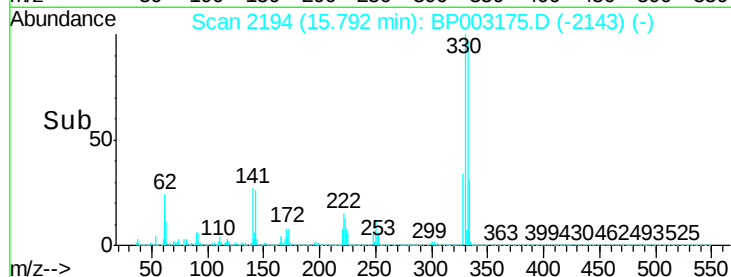


Abundance

Ion 329.80 (329.50 to 330.50): E

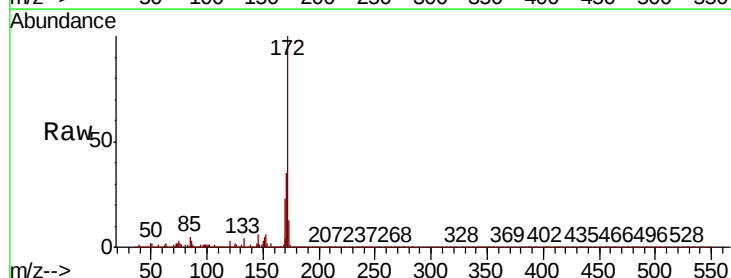
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	19.2	28.8

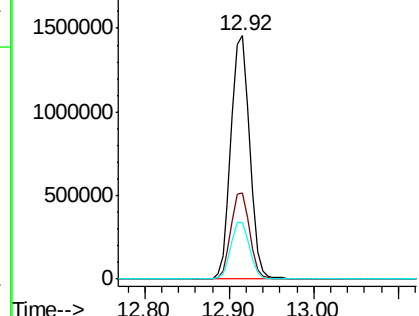
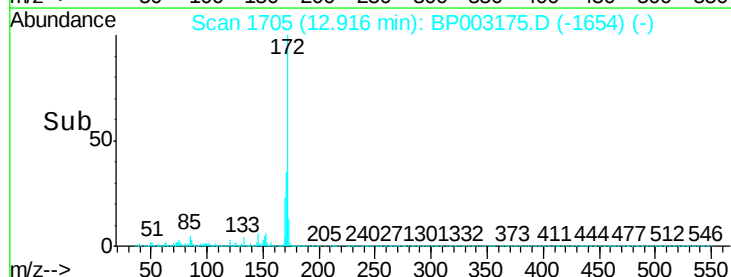


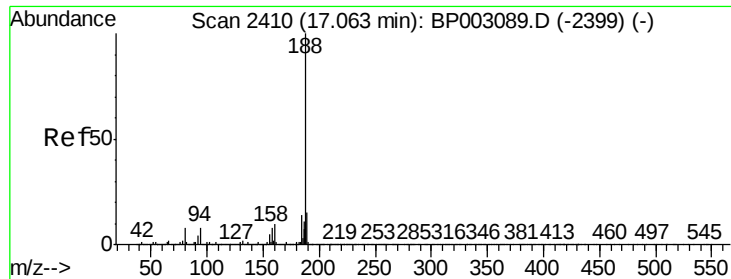
Abundance

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





#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

Instrument :

BNA_P

ClientSampleId :

RBR-78

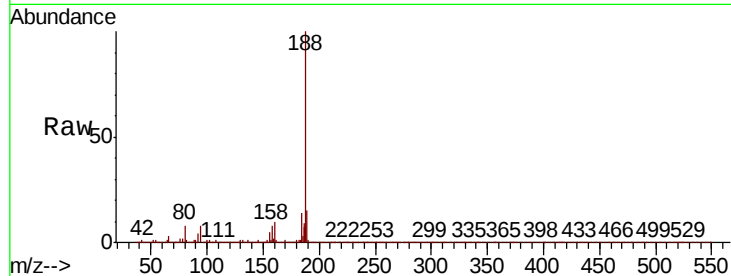
Tot Ion:188 Resp: 891758

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

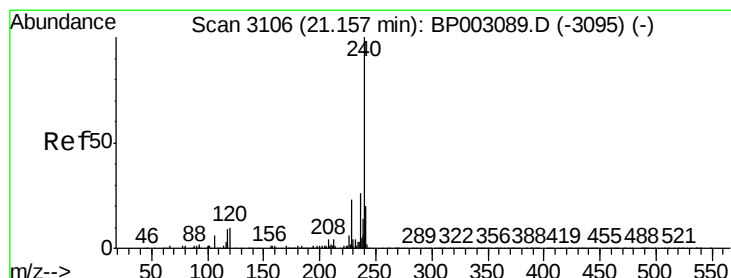
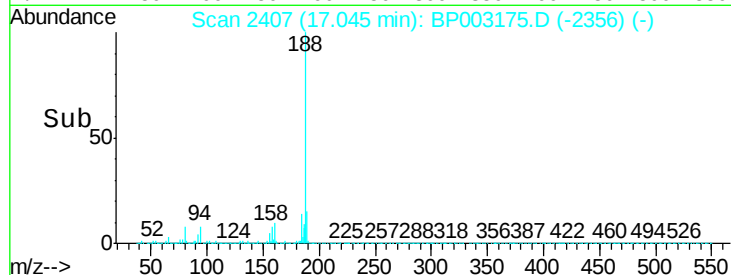
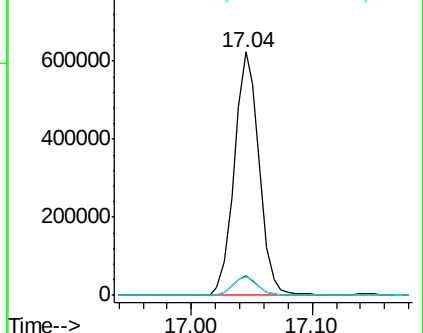
80 7.7 6.2 9.2



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



#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

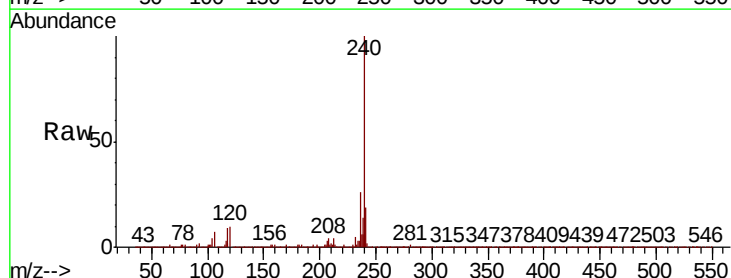
Tgt Ion:240 Resp: 1118385

Ion Ratio Lower Upper

240 100

120 10.1 7.8 11.6

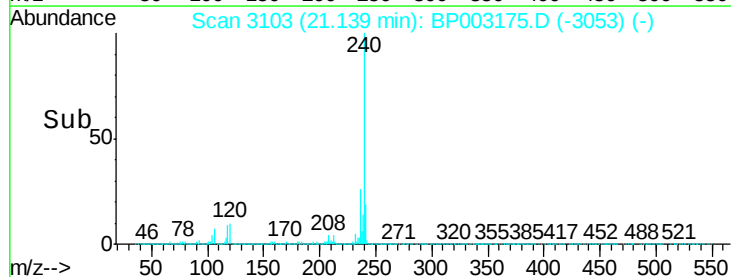
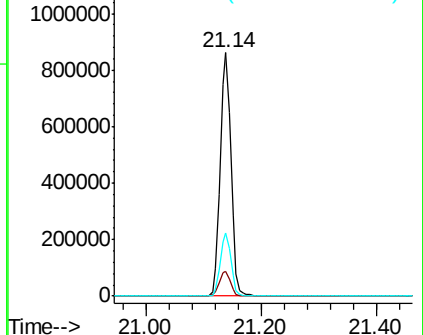
236 25.8 20.8 31.2

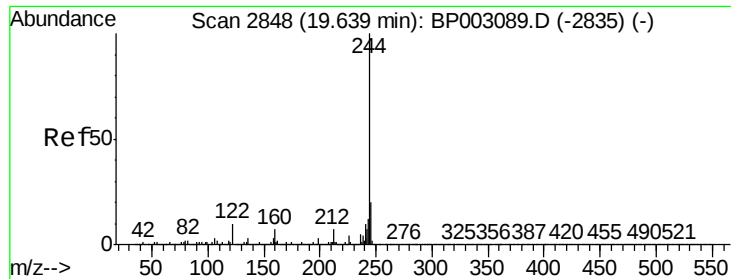


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

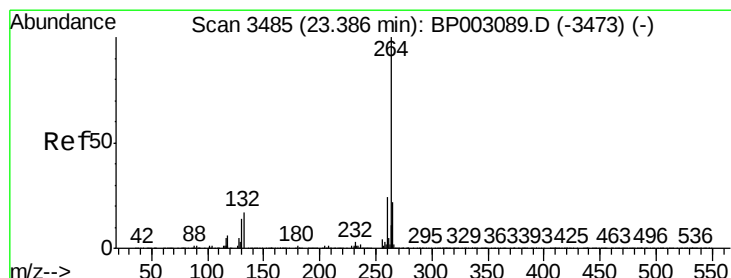
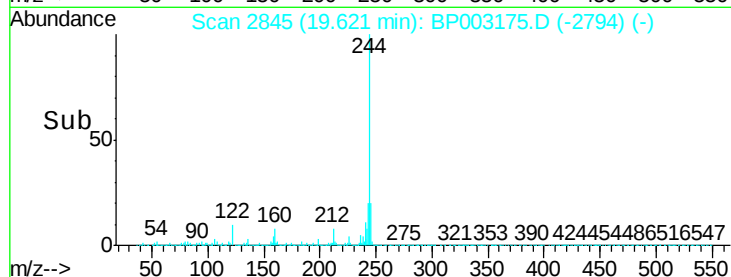
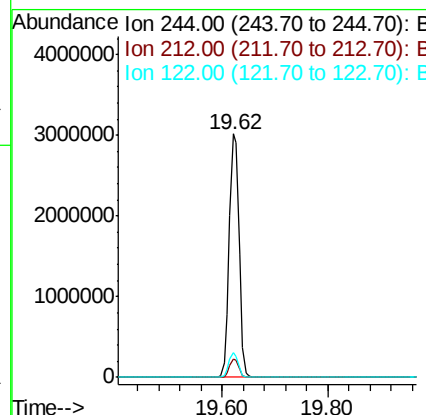
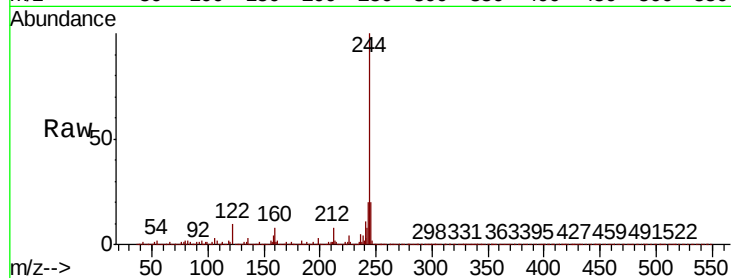




#79
 Terphenyl-d14
 Concen: 76.072 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003175.D
 Acq: 01 Sep 2020 19:49

Instrument :
 BNA_P
 ClientSampleId :
 RBR-78

Tot 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
 Perylene-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

Tgt Ion:264 Resp: 1377818
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.9 17.4 26.2

