

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001291.D
 Acq On : 10 Dec 2019 01:42
 Operator : JU
 Sample : K6196-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-1

Quant Time: Dec 10 06:11:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	75265	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	277668	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	158265	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	297273	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	235984	20.00	ng	-0.02
87) Perylene-d12	21.01	264	251144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	193215	42.59	ng	0.00
7) Phenol-d6	7.75	99	235528	38.97	ng	-0.02
23) Nitrobenzene-d5	9.18	82	242315	37.86	ng	-0.02
42) 2,4,6-Tribromophenol	14.49	330	98291	64.79	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	419285	38.77	ng	-0.02
79) Terphenyl-d14	17.88	244	539829	42.32	ng	-0.01

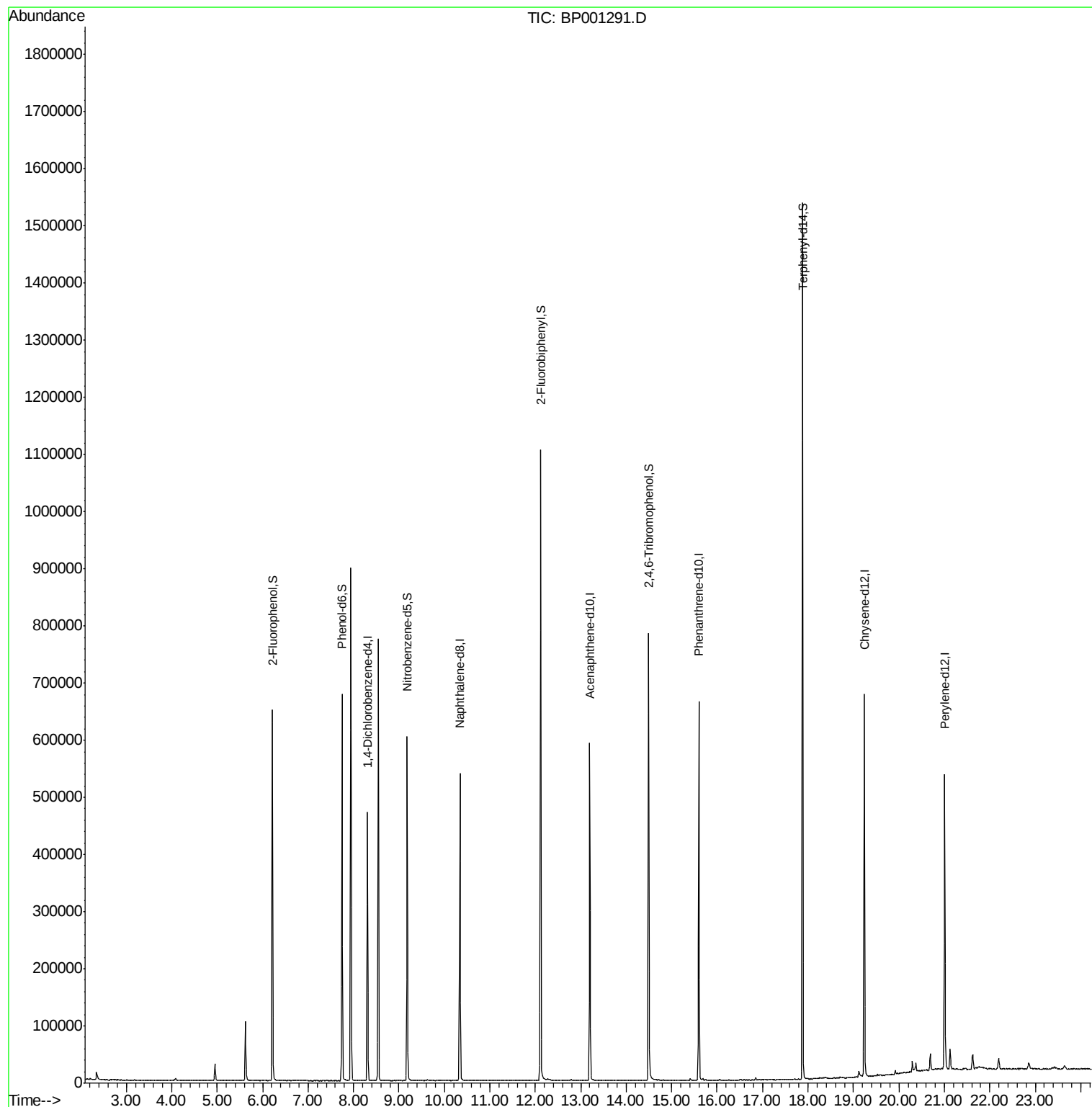
Target Compounds Qvalue

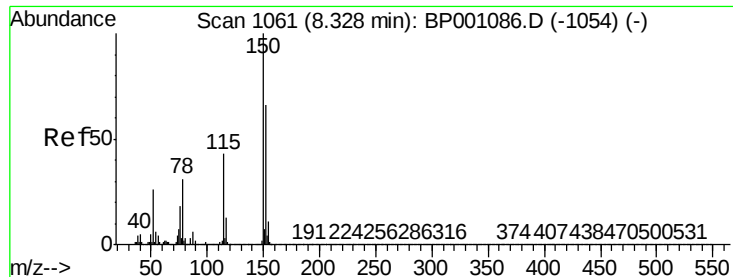
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001291.D

Acq: 10 Dec 2019 01:42

Instrument :

BNA_P

ClientSampled :

TW-1

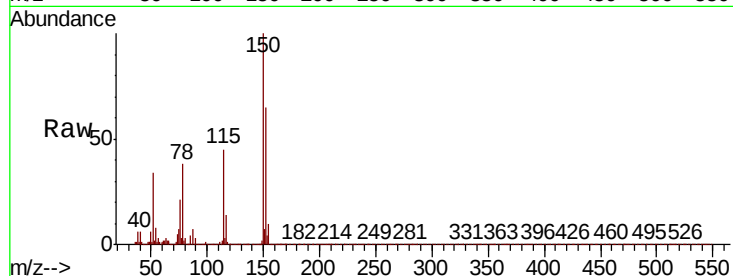
Tot Ion:152 Resp: 75265

Ion Ratio Lower Upper

152 100

150 154.9 127.3 190.9

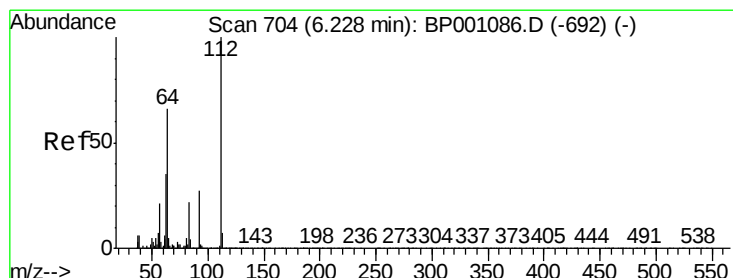
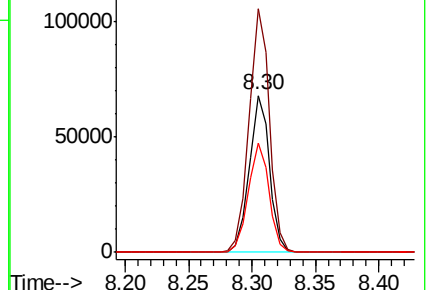
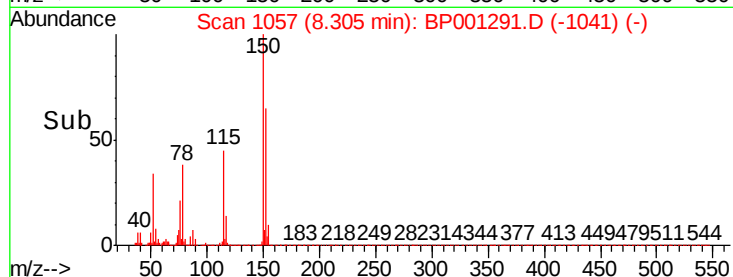
115 69.2 56.0 84.0



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: 42.591 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001291.D

Acq: 10 Dec 2019 01:42

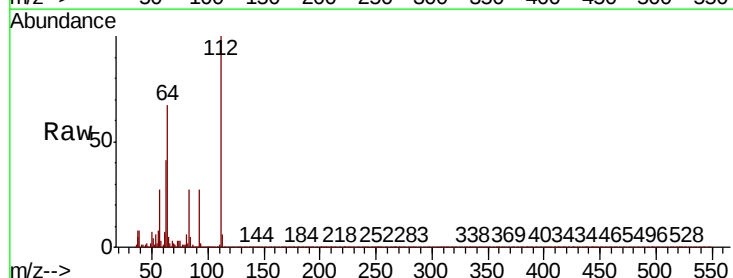
Tgt Ion:112 Resp: 193215

Ion Ratio Lower Upper

112 100

64 67.4 56.8 85.2

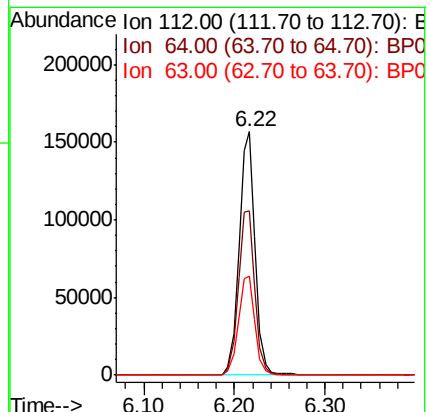
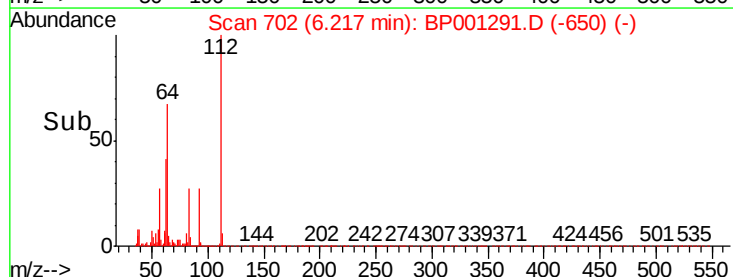
63 40.7 32.2 48.2



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: 38.970 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001291.D

Acq: 10 Dec 2019 01:42

Instrument :

BNA_P

ClientSampled :

TW-1

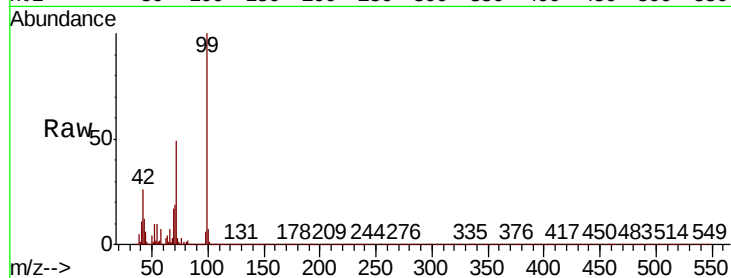
Tot Ion: 99 Resp: 235528

Ion Ratio Lower Upper

99 100

42 26.1 17.6 26.4

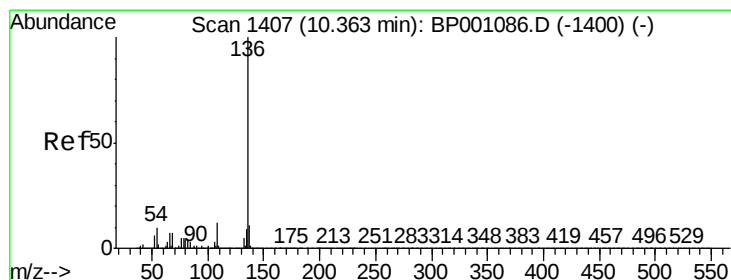
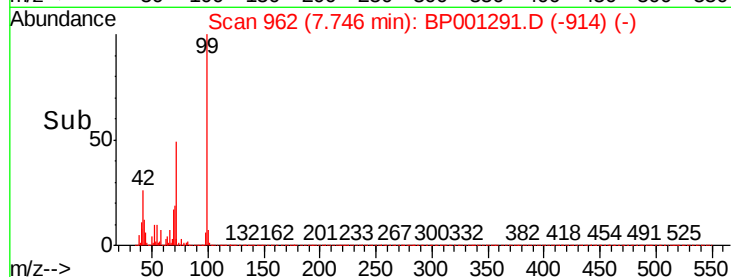
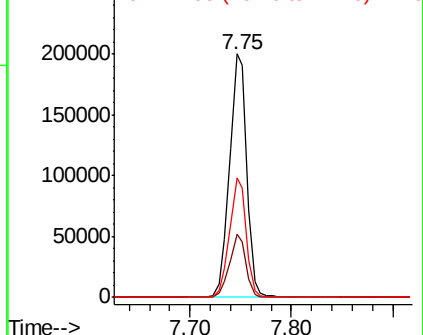
71 49.0 33.8 50.8



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: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001291.D

Acq: 10 Dec 2019 01:42

Tgt Ion: 136 Resp: 277668

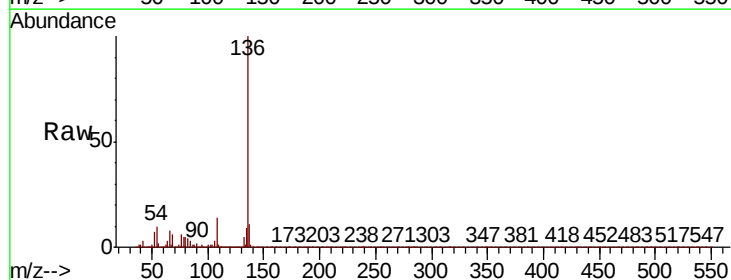
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.3 7.4 11.0

68 5.5 4.6 7.0

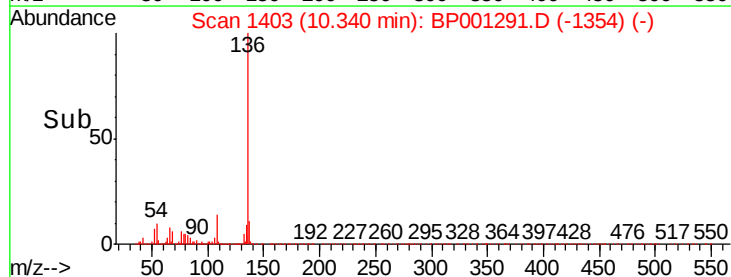
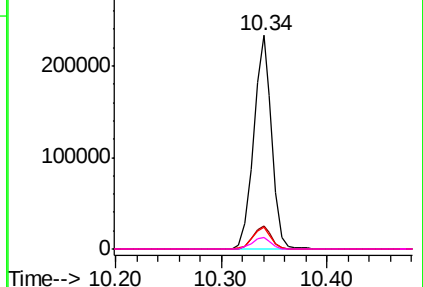


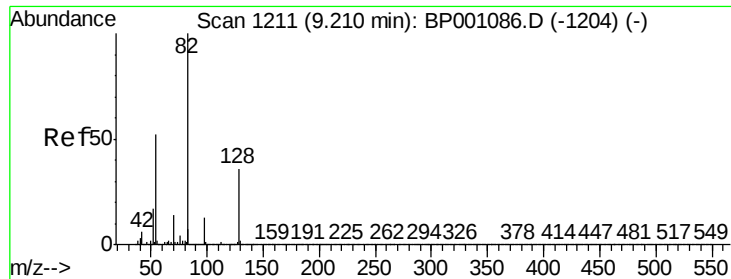
Abundance Ion 136.00 (135.70 to 136.70): E

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

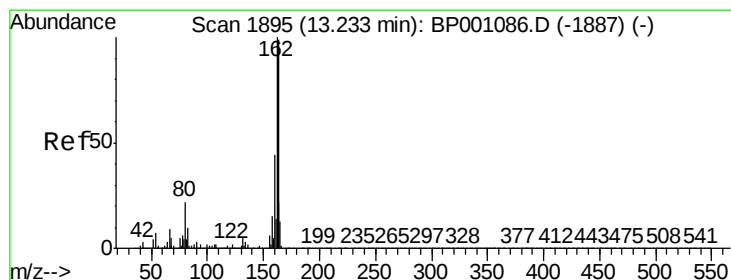
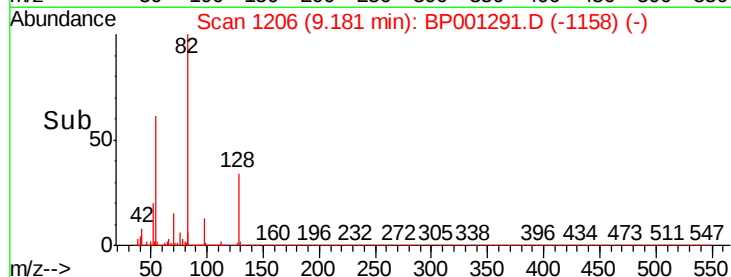
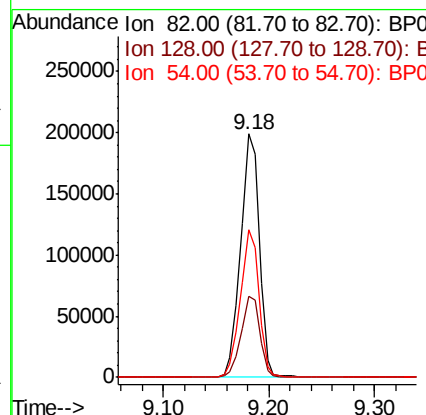
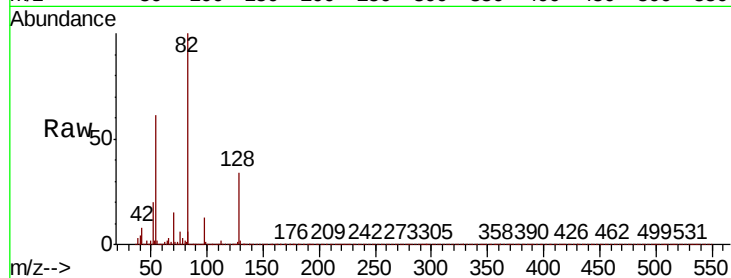




#23
 Nitrobenzene-d5
 Concen: 37.862 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

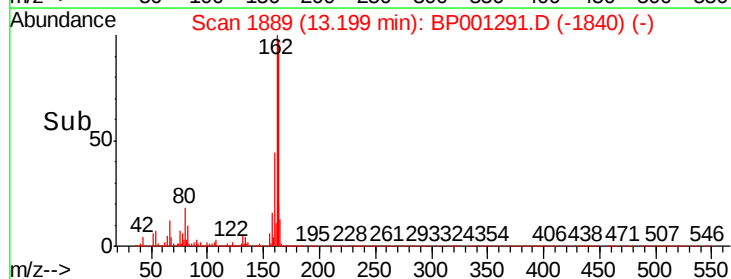
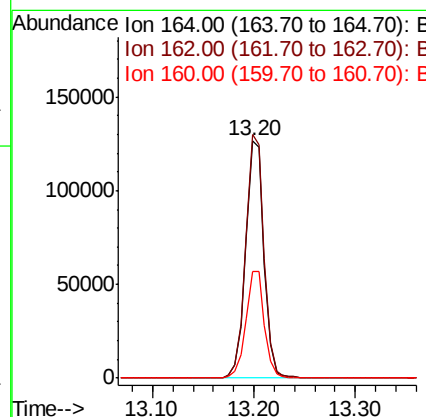
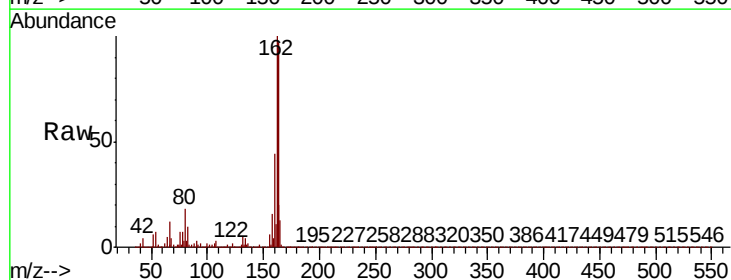
Instrument :
 BNA_P
 ClientSampleId :
 TW-1

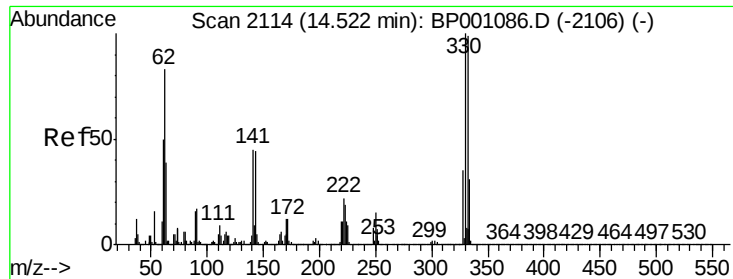
Tot Ion	82	Resp	242315
Ion Ratio	Lower	Upper	
82	100		
128	33.5	27.5	41.3
54	60.5	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Tgt Ion	164	Resp	158265
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.7	121.1
160	44.9	36.3	54.5

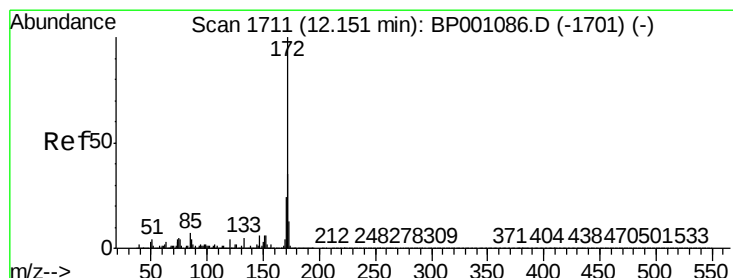
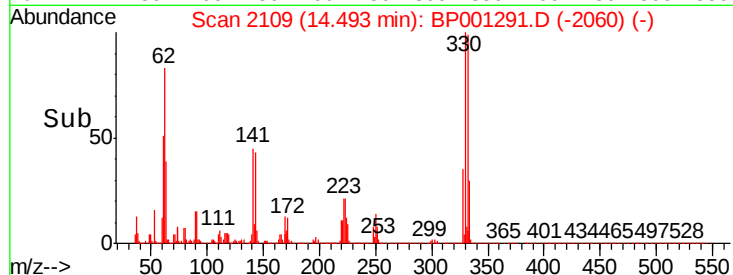
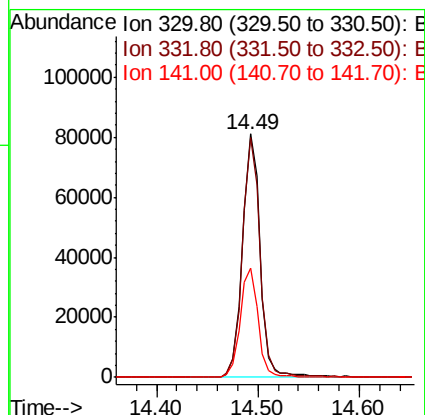
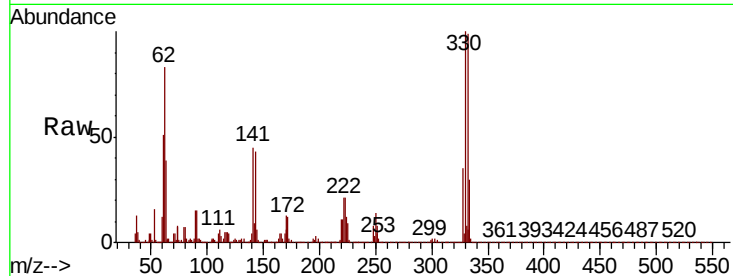




#42
2,4,6-Tribromophenol
Concen: 64.794 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001291.D
Acq: 10 Dec 2019 01:42

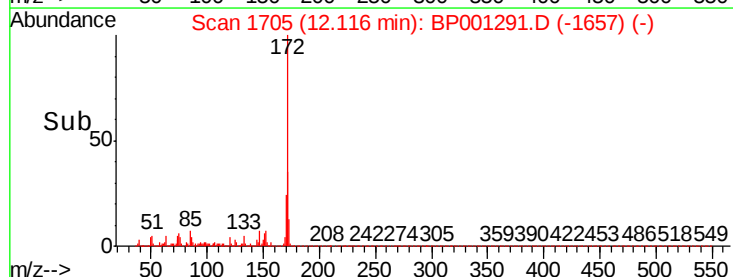
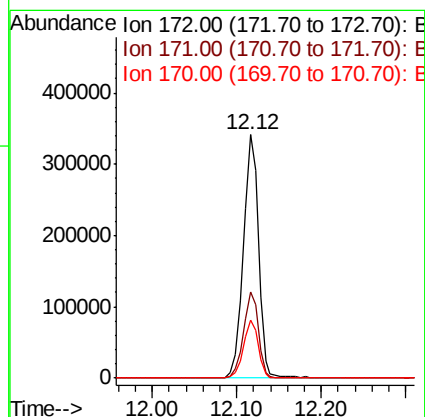
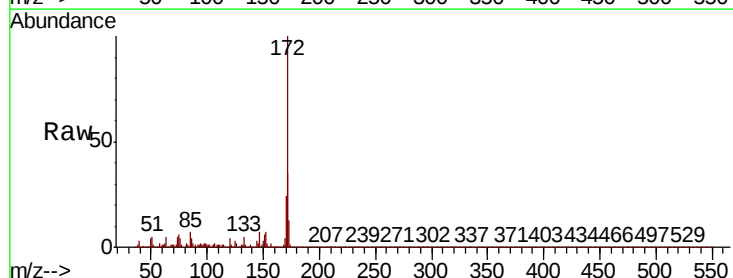
Instrument :
BNA_P
ClientSampleId :
TW-1

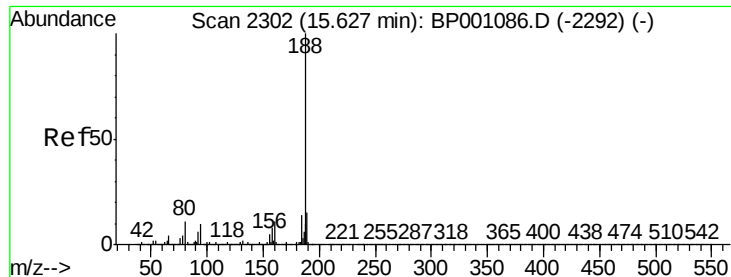
Tot Ion:330 Resp: 98291
Ion Ratio Lower Upper
330 100
332 98.9 79.1 118.7
141 45.7 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 38.774 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001291.D
Acq: 10 Dec 2019 01:42

Tgt Ion:172 Resp: 419285
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.7 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001291.D

Acq: 10 Dec 2019 01:42

Instrument :

BNA_P

ClientSampleId :

TW-1

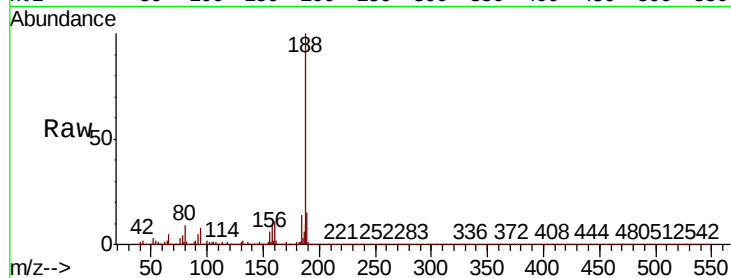
Tot Ion:188 Resp: 297273

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

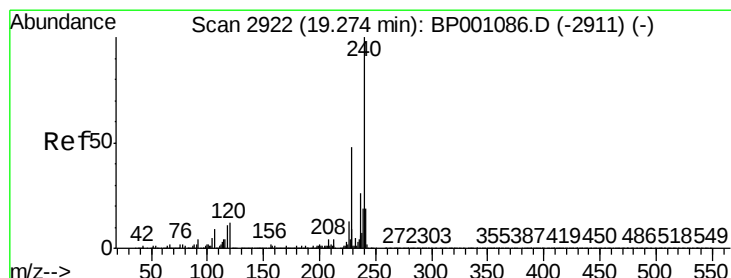
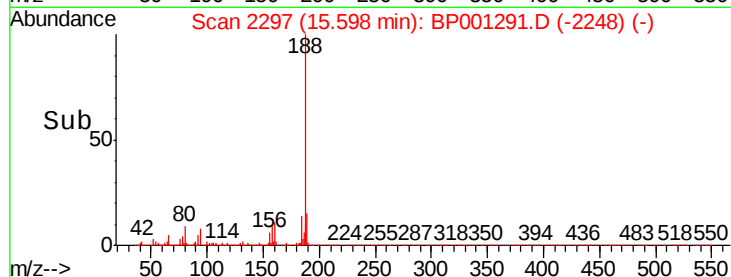
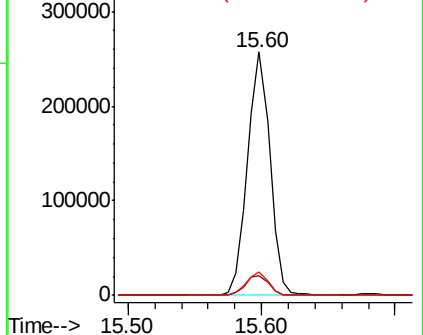
80 9.5 7.8 11.6



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: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001291.D

Acq: 10 Dec 2019 01:42

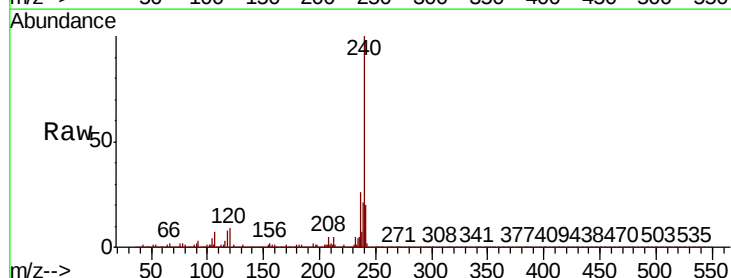
Tgt Ion:240 Resp: 235984

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

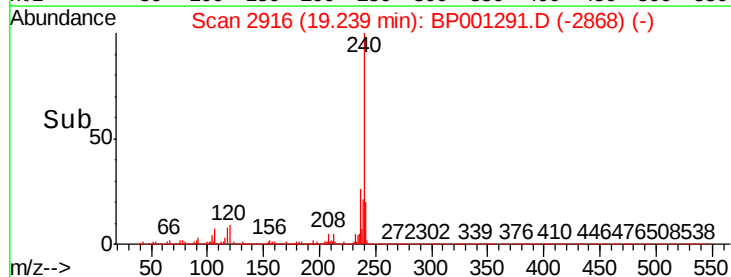
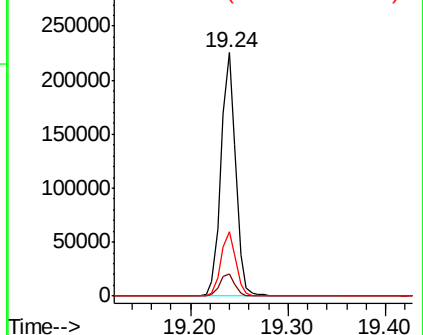
236 26.3 21.7 32.5

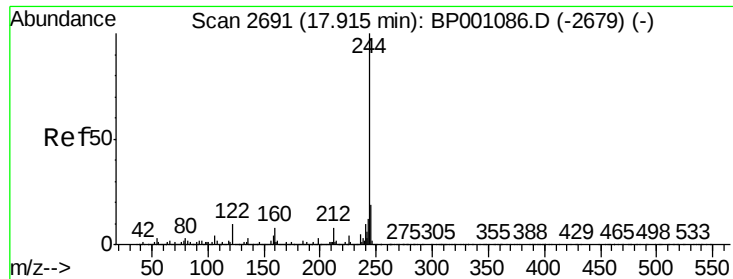


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

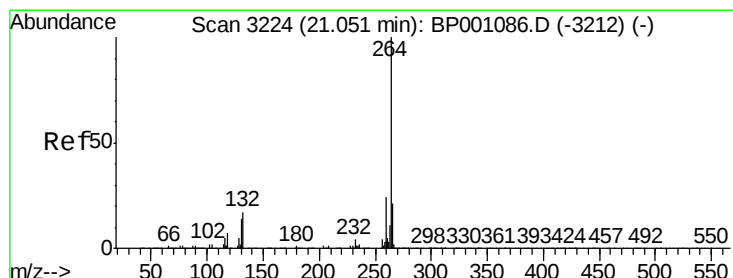
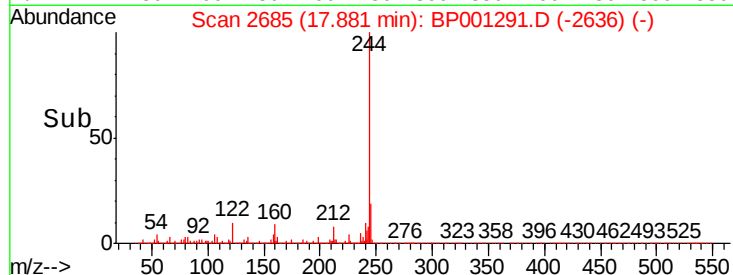
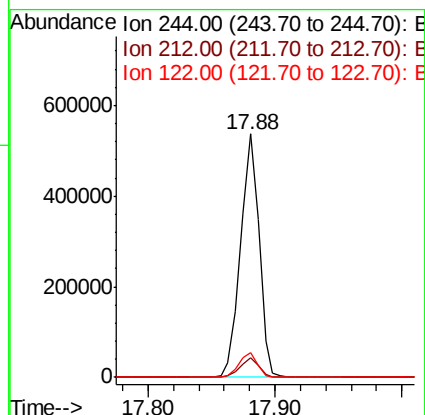
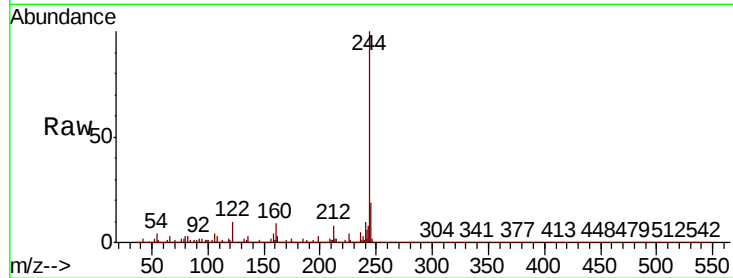




#79
 Terphenyl-d14
 Concen: 42.322 ng
 RT: 17.88 min Scan# 2685
 Delta R.T. -0.01 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Instrument :
 BNA_P
 ClientSampleId :
 TW-1

Tot Ion:244	Resp:	539829
Ion Ratio	Lower	Upper
244	100	
212	8.3	6.6 9.8
122	10.0	9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.01 min Scan# 3217
 Delta R.T. -0.02 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Tgt Ion:264	Resp:	251144
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.4 29.0
265	21.9	17.1 25.7

