

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001289.D
 Acq On : 10 Dec 2019 00:43
 Operator : JU
 Sample : K6187-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RPC-WG

Quant Time: Dec 10 06:06:45 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	74529	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	270225	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	153850	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	296128	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	246605	20.00	ng	-0.02
87) Perylene-d12	21.02	264	268134	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	262537	58.44	ng	0.00
7) Phenol-d6	7.75	99	213571	35.69	ng	-0.01
23) Nitrobenzene-d5	9.19	82	620918	99.69	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	240342	162.98	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1017213	96.77	ng	-0.01
79) Terphenyl-d14	17.89	244	1190441	89.31	ng	0.00

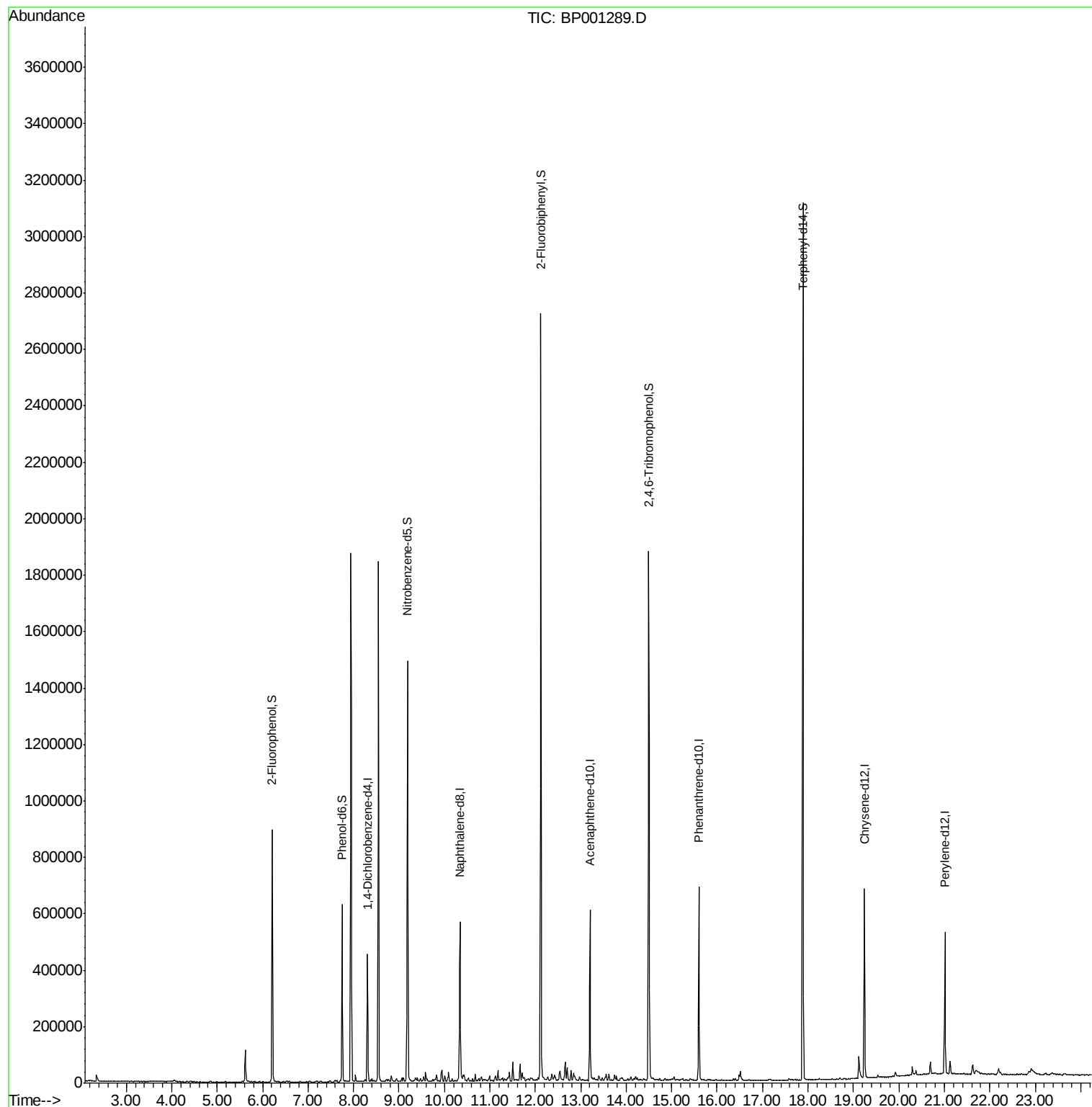
Target Compounds Qvalue

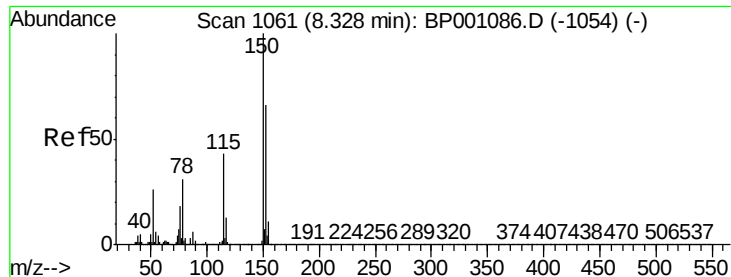
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001289.D

Acq: 10 Dec 2019 00:43

Instrument :

BNA_P

ClientSampleId :

RPC-WG

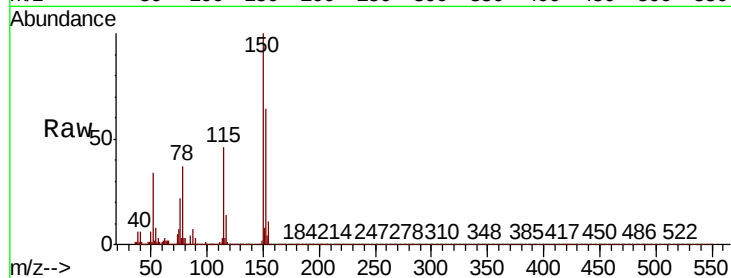
Tot Ion:152 Resp: 74529

Ion Ratio Lower Upper

152 100

150 155.5 127.3 190.9

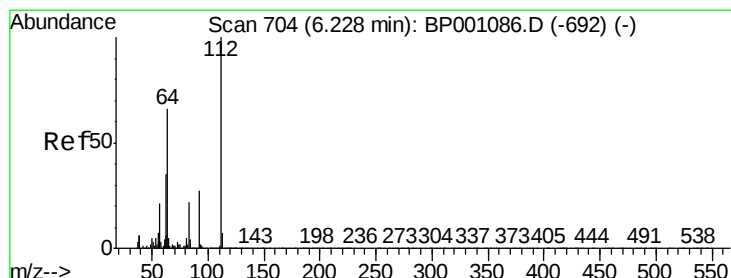
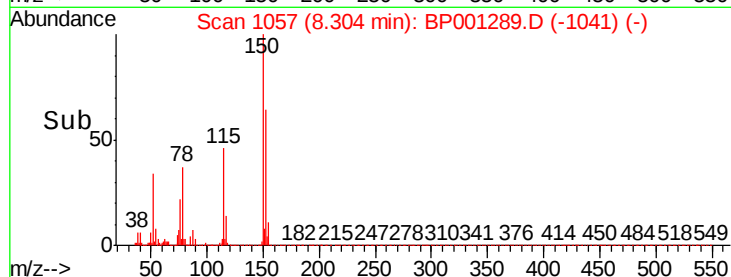
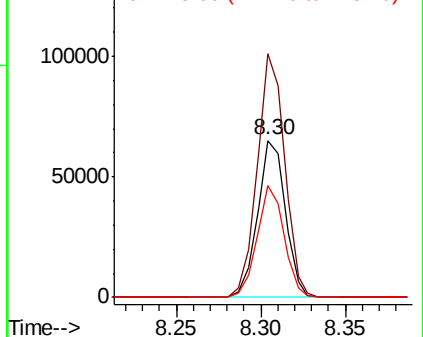
115 71.0 56.0 84.0



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: 58.443 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001289.D

Acq: 10 Dec 2019 00:43

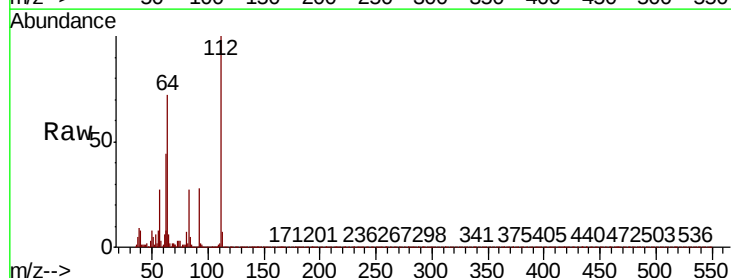
Tgt Ion:112 Resp: 262537

Ion Ratio Lower Upper

112 100

64 72.1 56.8 85.2

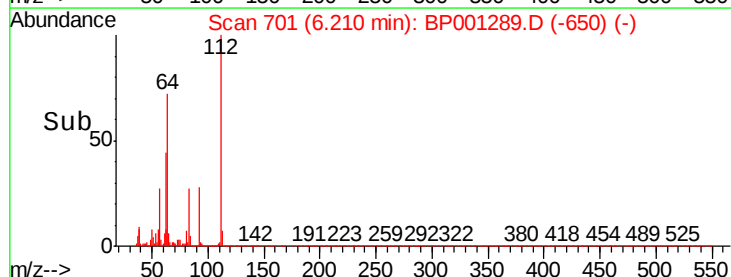
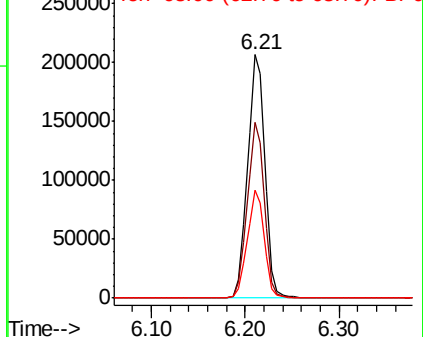
63 44.5 32.2 48.2



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: 35.686 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001289.D

Acq: 10 Dec 2019 00:43

Instrument :

BNA_P

ClientSampleId :

RPC-WG

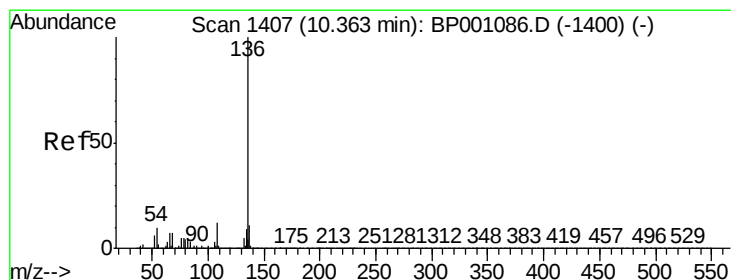
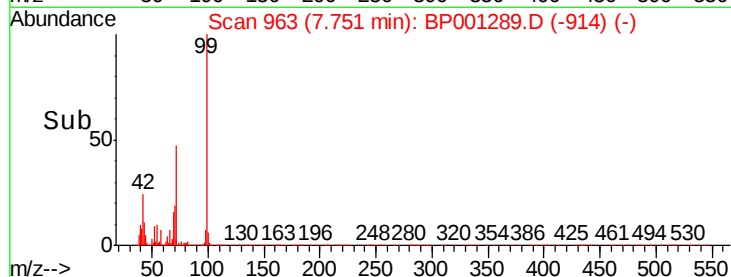
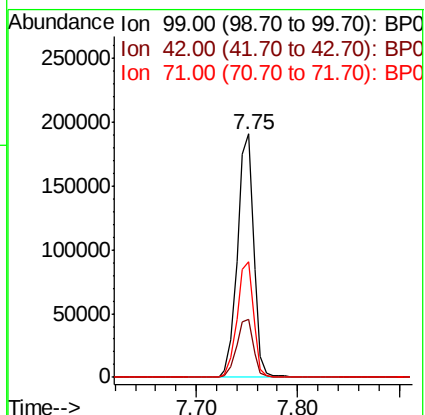
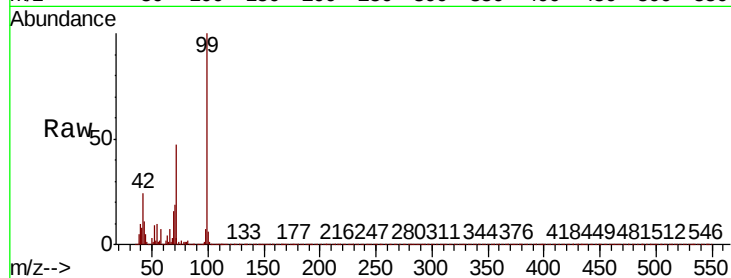
Tot Ion: 99 Resp: 213571

Ion Ratio Lower Upper

99 100

42 23.6 17.6 26.4

71 47.3 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001289.D

Acq: 10 Dec 2019 00:43

Tgt Ion: 136 Resp: 270225

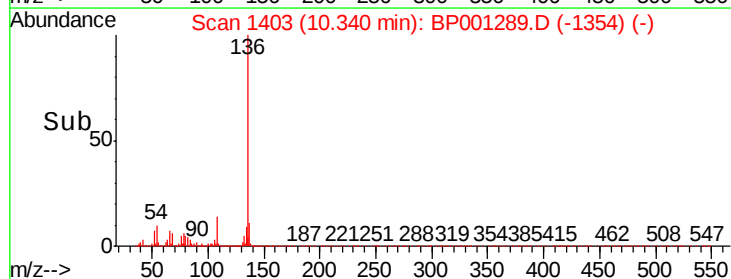
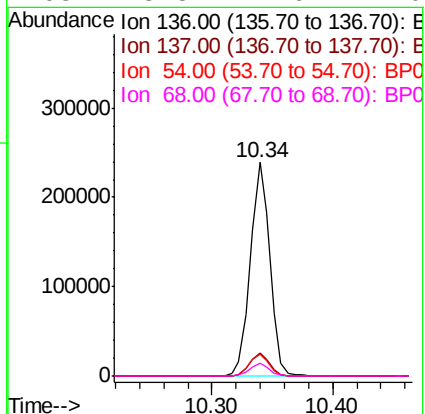
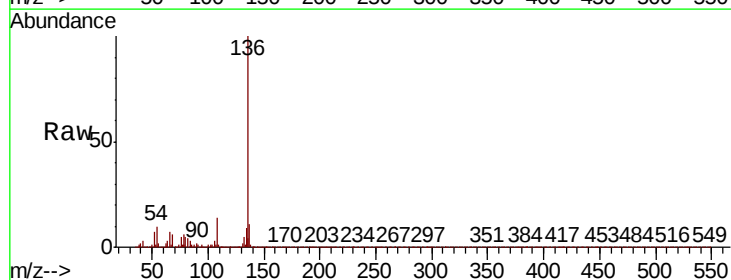
Ion Ratio Lower Upper

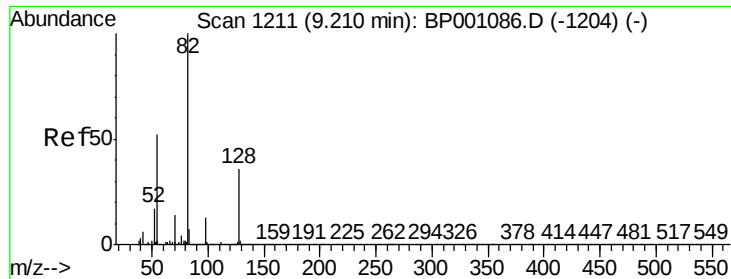
136 100

137 10.9 8.4 12.6

54 10.1 7.4 11.0

68 5.8 4.6 7.0

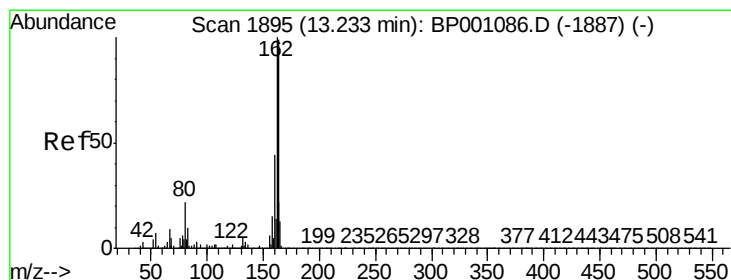
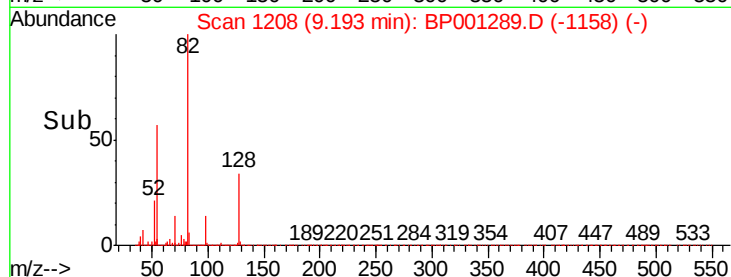
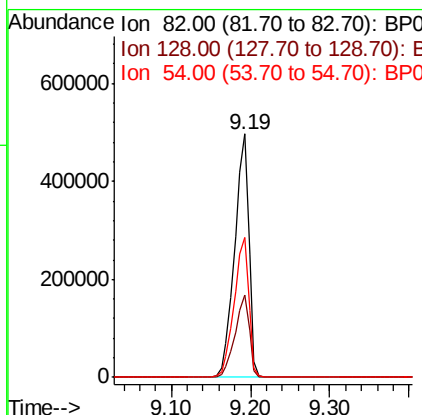
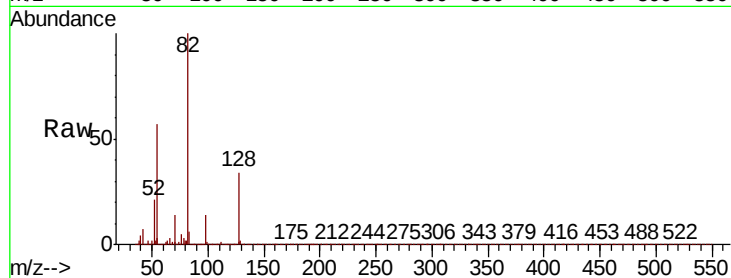




#23
Nitrobenzene-d5
Concen: 99.691 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001289.D
Acq: 10 Dec 2019 00:43

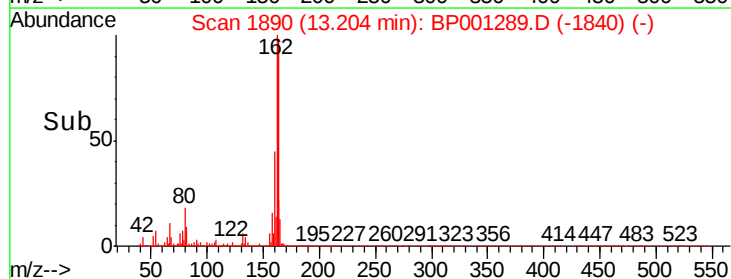
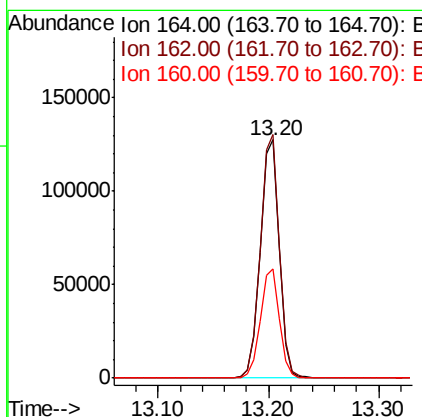
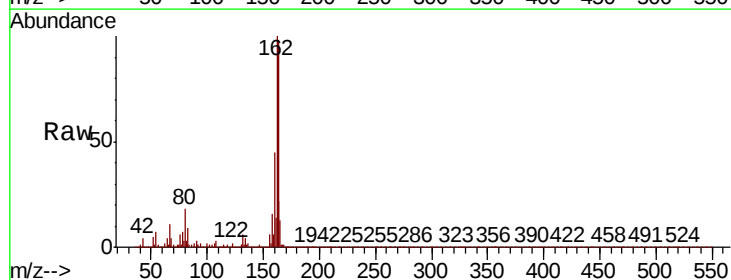
Instrument :
BNA_P
ClientSampleId :
RPC-WG

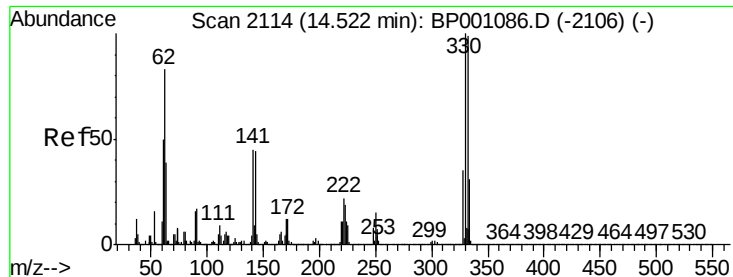
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	27.5	41.3
54	57.4	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001289.D
Acq: 10 Dec 2019 00:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	45.9	36.3	54.5

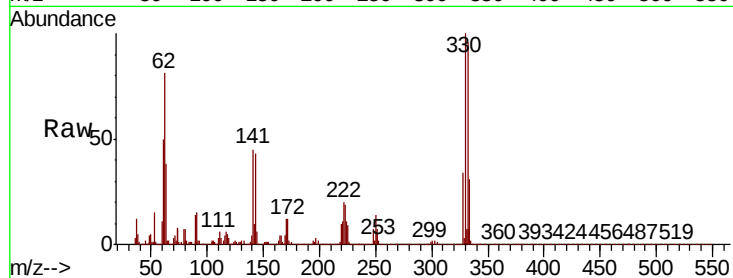




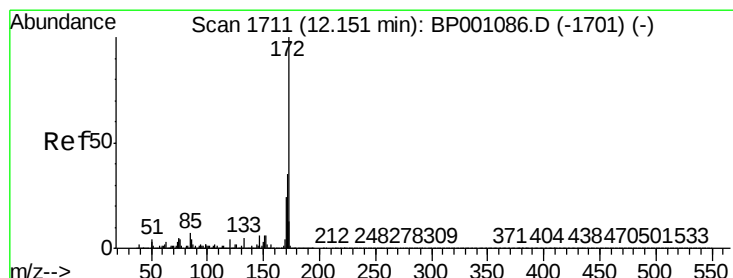
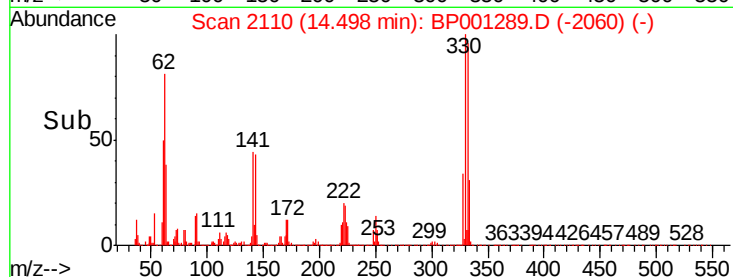
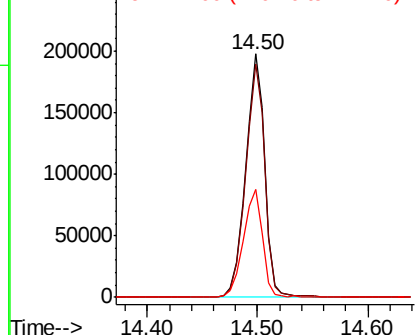
#42
2,4,6-Tribromophenol
Concen: 162.982 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001289.D
Acq: 10 Dec 2019 00:43

Instrument :
BNA_P
ClientSampleId :
RPC-WG

Tot Ion:330 Resp: 240342
Ion Ratio Lower Upper
330 100
332 96.4 79.1 118.7
141 44.9 35.9 53.9

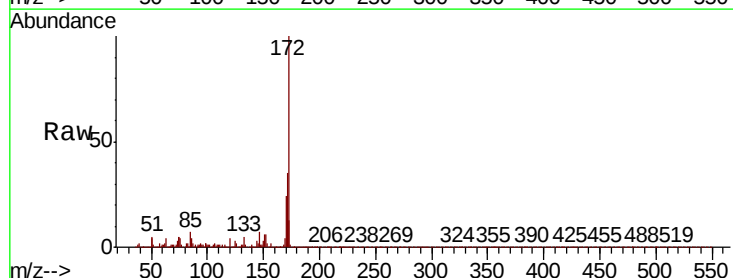


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

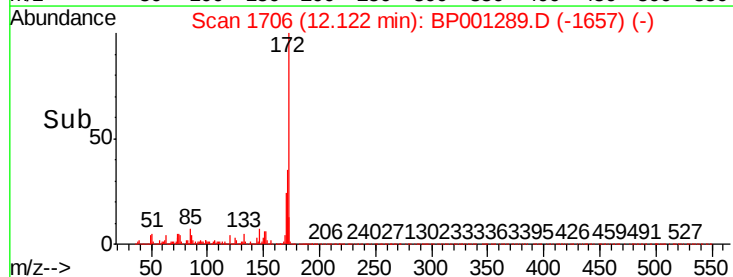
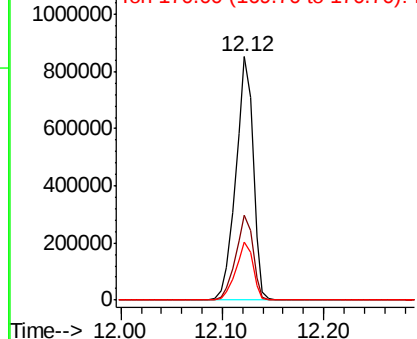


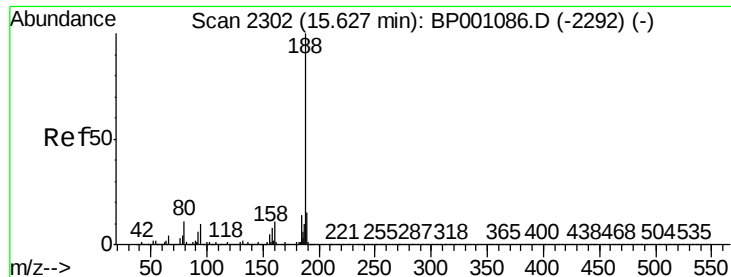
#45
2-Fluorobiphenyl
Concen: 96.767 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001289.D
Acq: 10 Dec 2019 00:43

Tgt Ion:172 Resp: 1017213
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 23.8 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: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001289.D

Acq: 10 Dec 2019 00:43

Instrument :

BNA_P

ClientSampleId :

RPC-WG

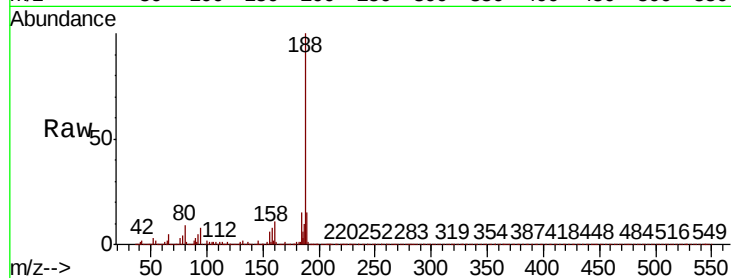
Tot Ion:188 Resp: 296128

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

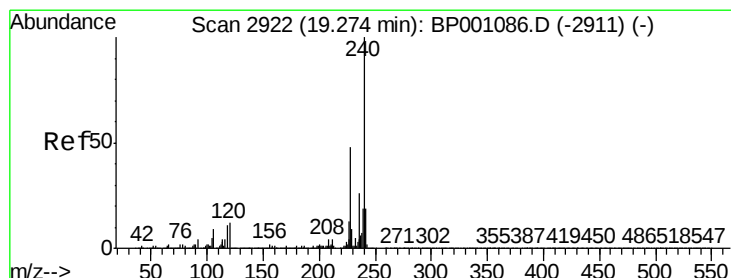
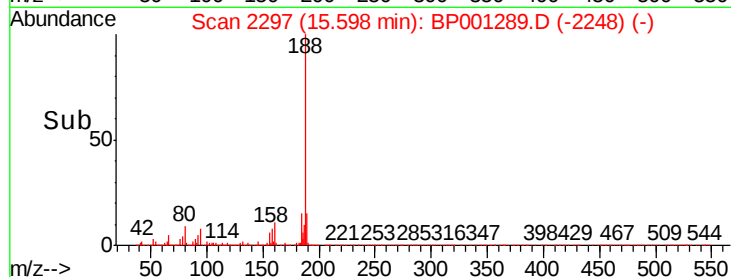
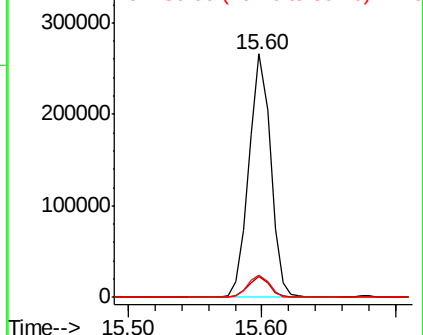
80 9.2 7.8 11.6



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: BP001289.D

Acq: 10 Dec 2019 00:43

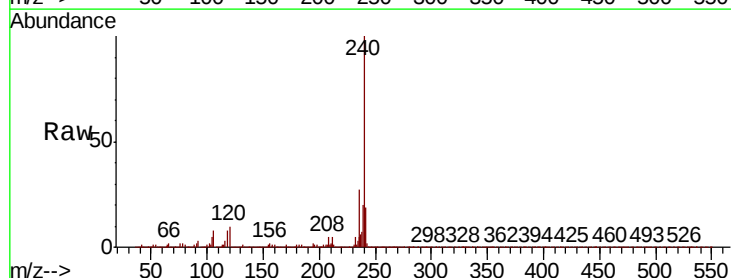
Tgt Ion:240 Resp: 246605

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

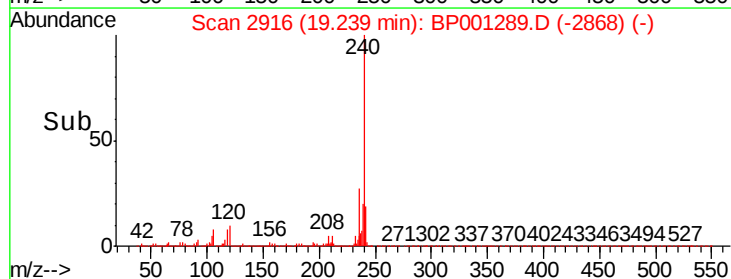
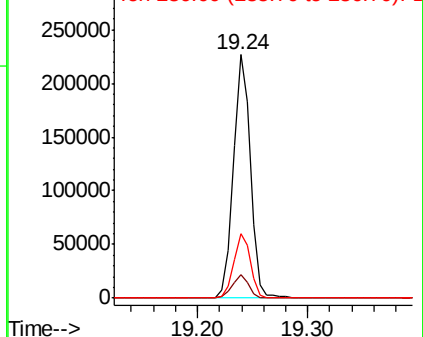
236 26.6 21.7 32.5

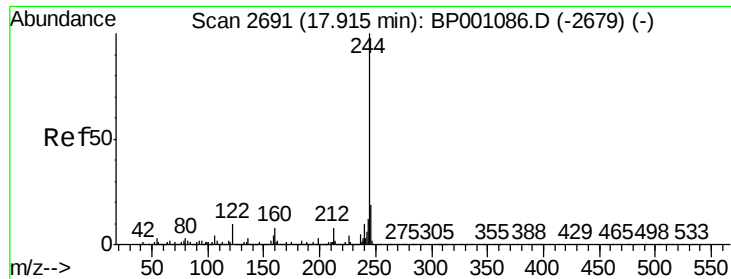


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.310 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001289.D

Acq: 10 Dec 2019 00:43

Instrument :

BNA_P

ClientSampled :

RPC-WG

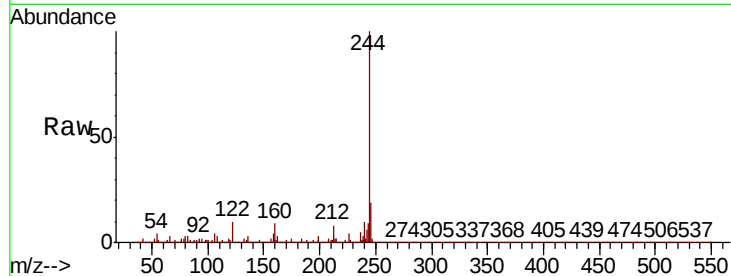
Tot Ion:244 Resp: 1190441

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

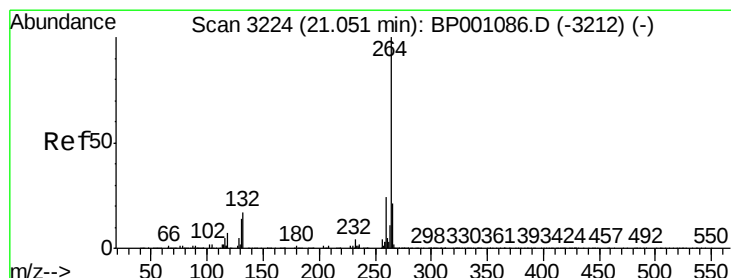
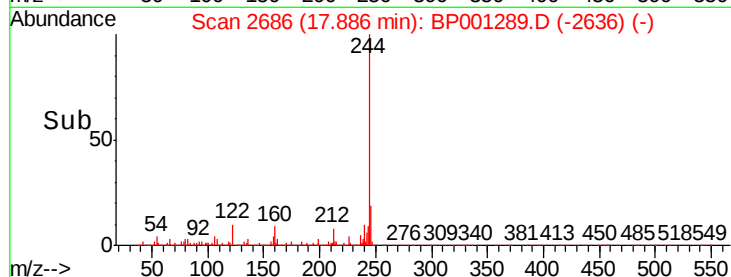
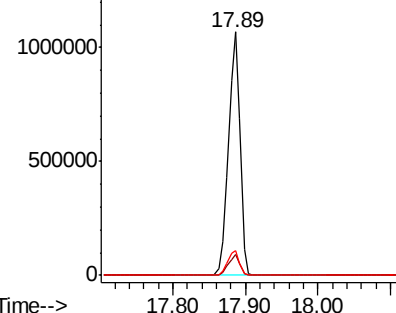
122 10.3 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001289.D

Acq: 10 Dec 2019 00:43

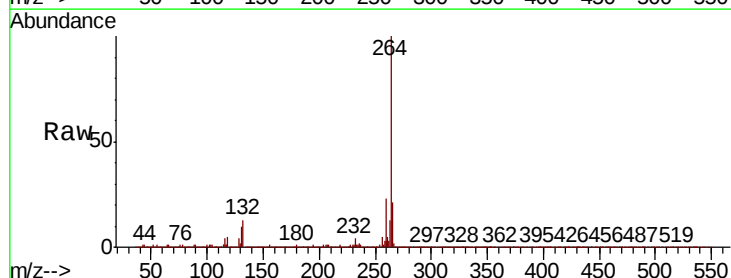
Tgt Ion:264 Resp: 268134

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 21.2 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

