

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001482.D
 Acq On : 28 Dec 2019 18:32
 Operator : JU
 Sample : PB125772TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125772TB

Quant Time: Dec 29 08:21:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	19479	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	68222	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	41879	20.00	ng	-0.01
64) Phenanthrene-d10	15.57	188	86181	20.00	ng	-0.01
76) Chrysene-d12	19.21	240	77111	20.00	ng	-0.02
87) Perylene-d12	20.97	264	84889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	134835	111.87	ng	0.00
7) Phenol-d6	7.74	99	179983	114.44	ng	-0.01
23) Nitrobenzene-d5	9.16	82	120551	67.86	ng	-0.02
42) 2,4,6-Tribromophenol	14.47	330	60251	115.07	ng	-0.01
45) 2-Fluorobiphenyl	12.09	172	250861	75.74	ng	-0.01
79) Terphenyl-d14	17.85	244	371891	82.60	ng	-0.02

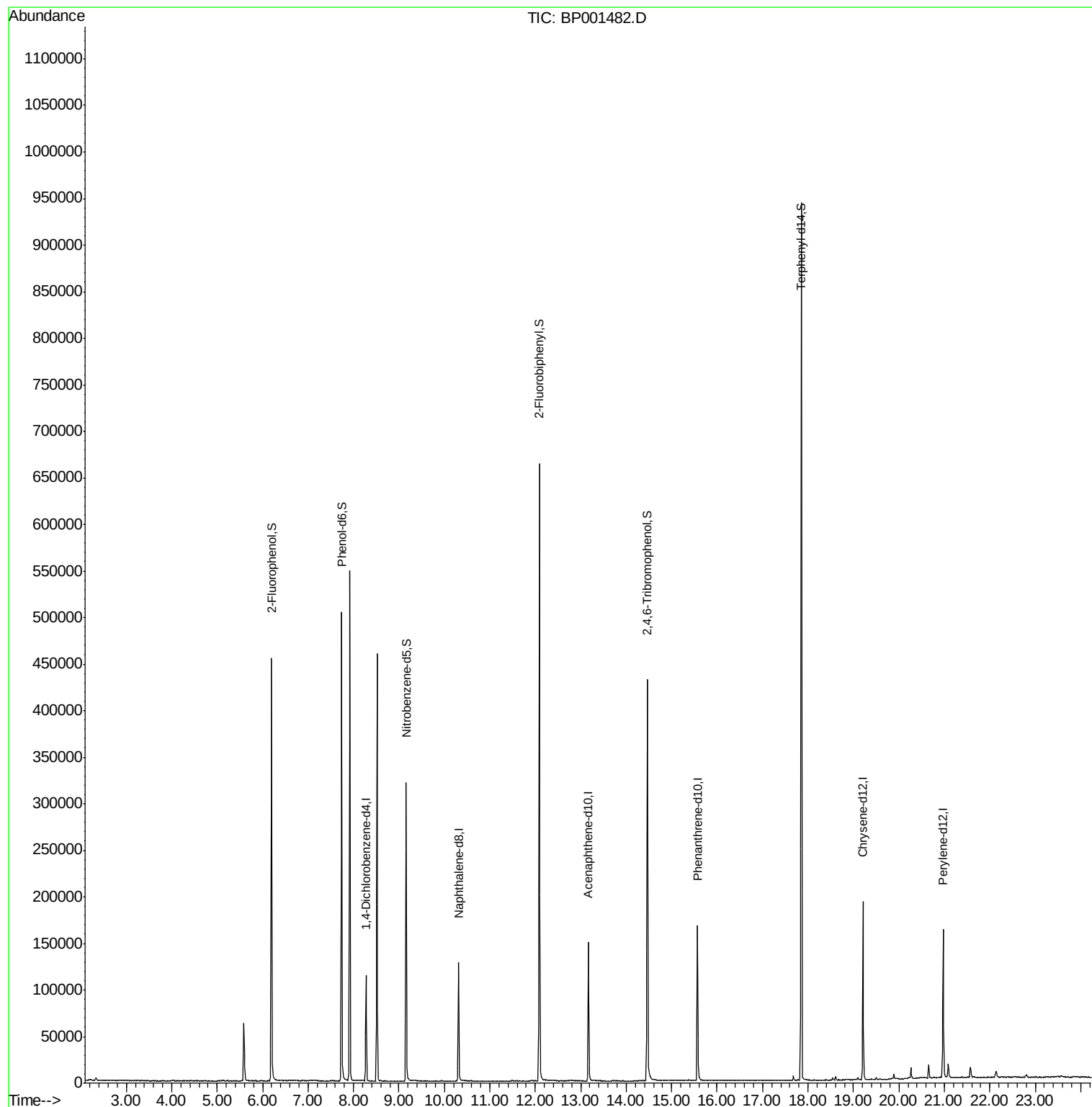
Target Compounds Qvalue

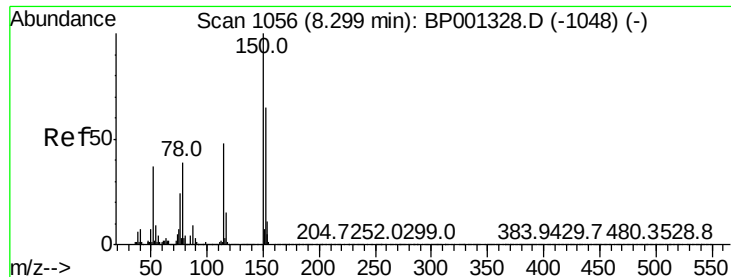
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BP001482.D

Acq: 28 Dec 2019 18:32

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PB125772TB

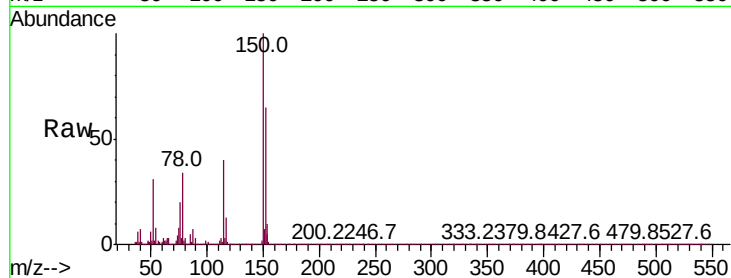
Tot Ion:152 Resp: 19479

Ion Ratio Lower Upper

152 100

150 154.6 127.0 190.6

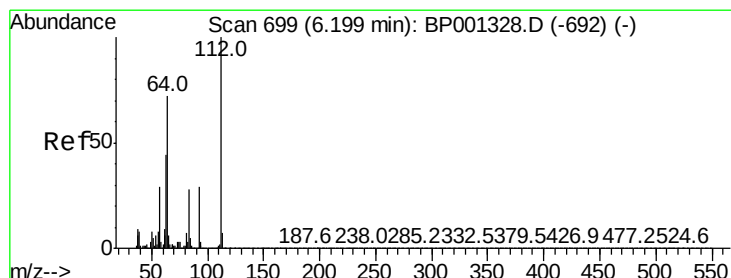
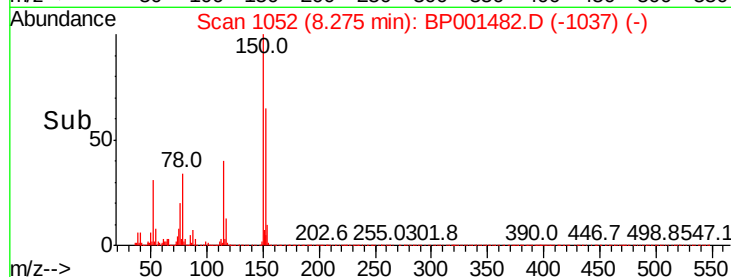
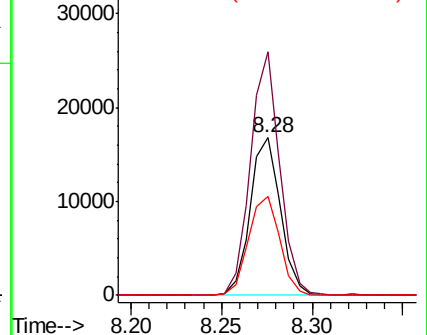
115 62.6 56.1 84.1



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: 111.874 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BP001482.D

Acq: 28 Dec 2019 18:32

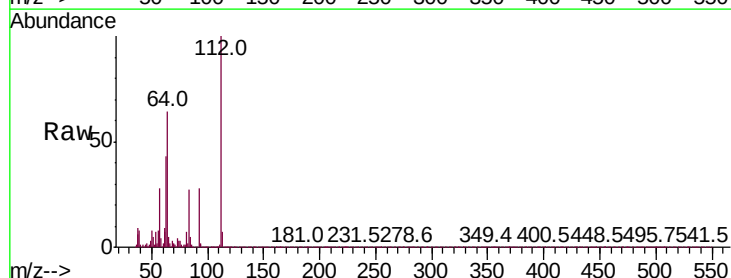
Tgt Ion:112 Resp: 134835

Ion Ratio Lower Upper

112 100

64 63.5 53.9 80.9

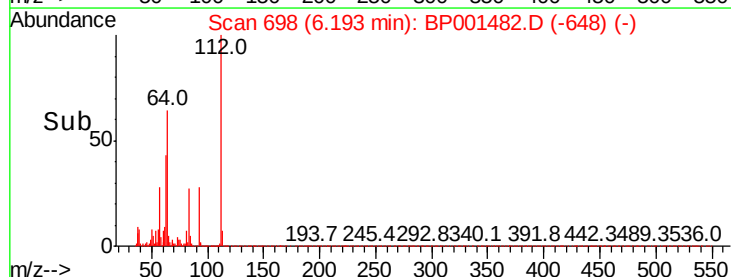
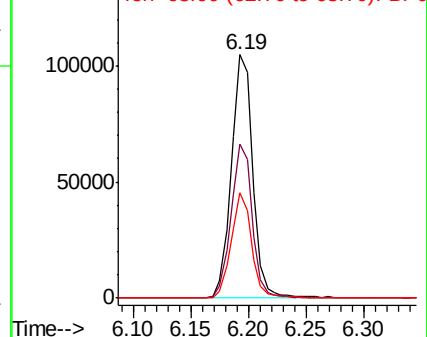
63 43.3 33.4 50.0

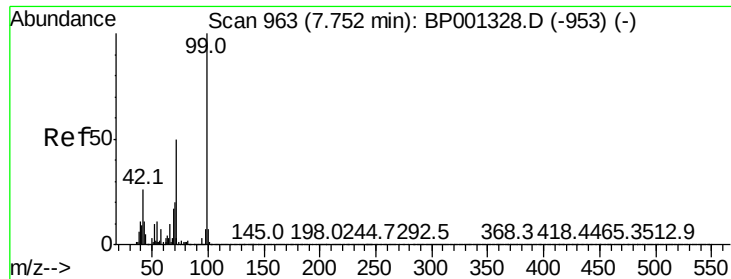


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 114.443 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001482.D

Acq: 28 Dec 2019 18:32

Instrument :

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ClientSampleId :

PB125772TB

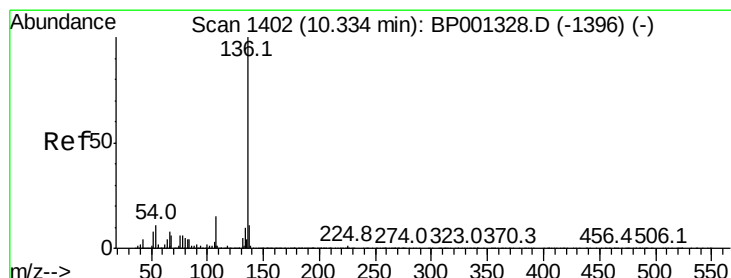
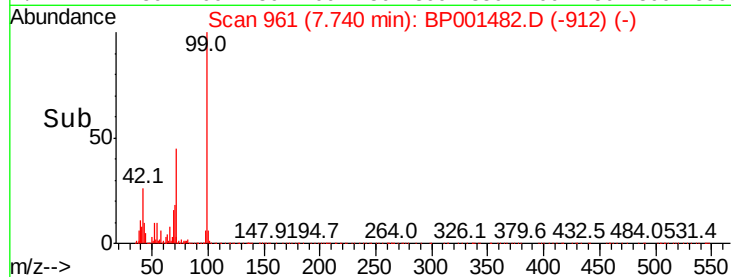
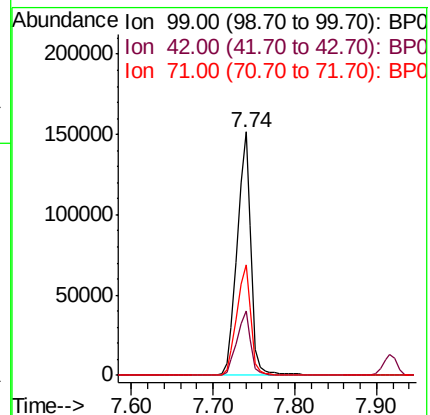
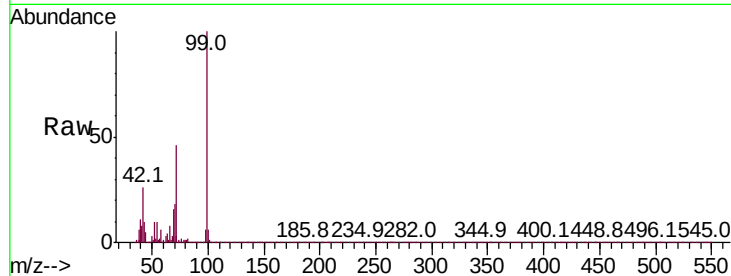
Tot Ion: 99 Resp: 179983

Ion Ratio Lower Upper

99 100

42 26.4 20.8 31.2

71 45.5 38.2 57.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BP001482.D

Acq: 28 Dec 2019 18:32

Tgt Ion: 136 Resp: 68222

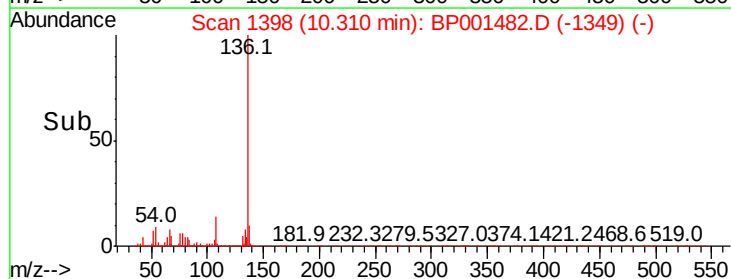
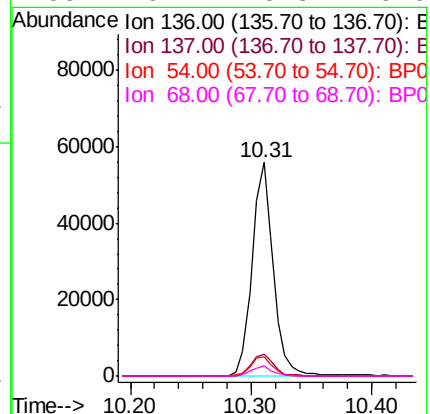
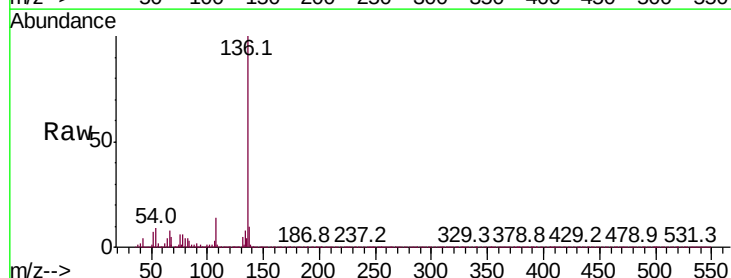
Ion Ratio Lower Upper

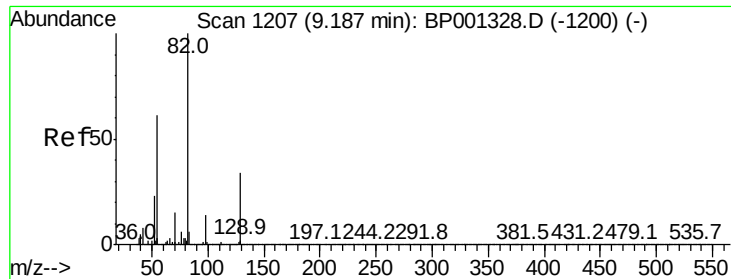
136 100

137 10.1 9.0 13.4

54 8.7 7.3 10.9

68 5.1 3.8 5.6

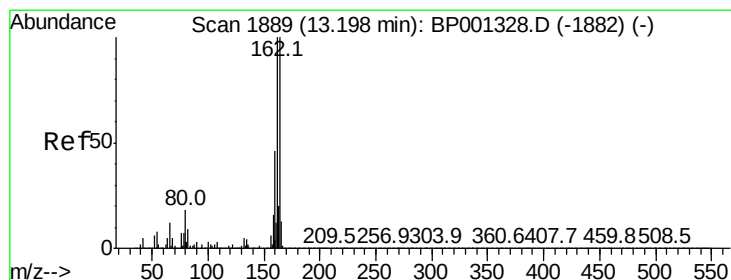
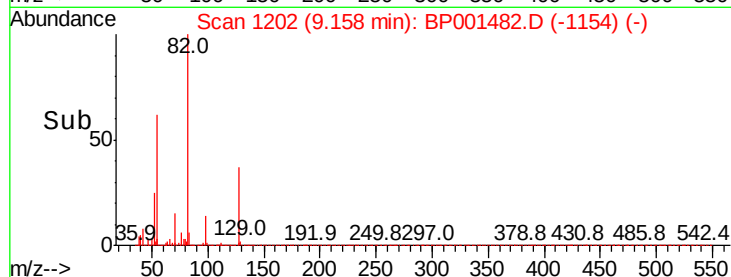
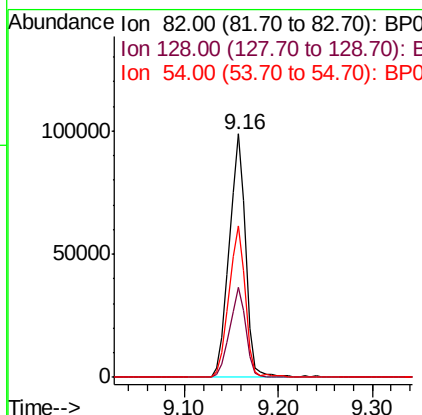
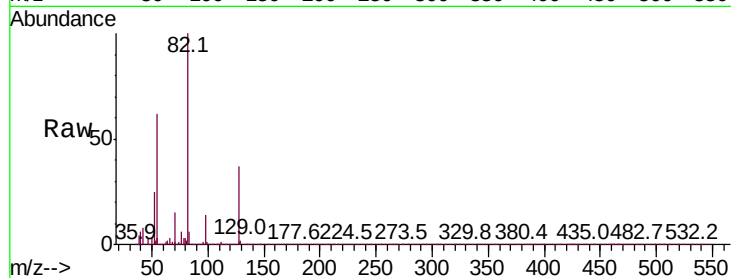




#23
 Nitrobenzene-d5
 Concen: 67.857 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BP001482.D
 Acq: 28 Dec 2019 18:32

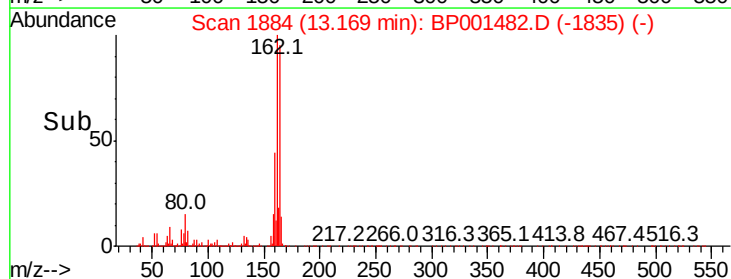
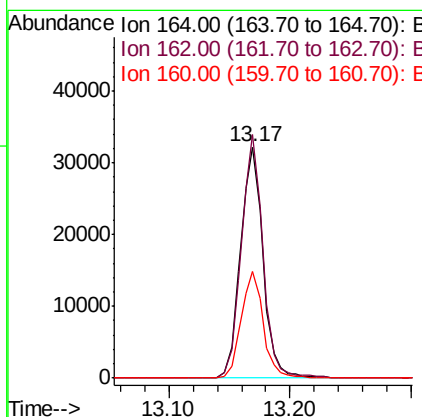
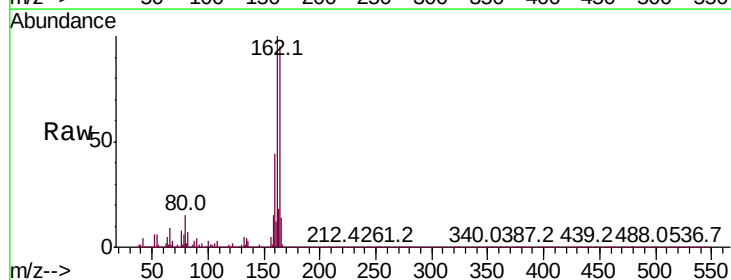
Instrument :
 BNA_P
 ClientSampleId :
 PB125772TB

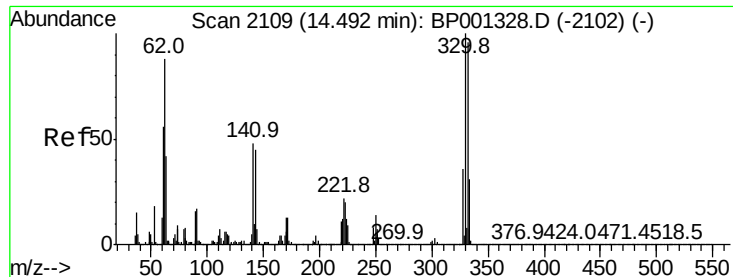
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	27.4	41.0
54	62.2	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.17 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BP001482.D
 Acq: 28 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.2	117.4
160	45.9	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 115.074 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BP001482.D

Acq: 28 Dec 2019 18:32

Instrument :

BNA_P

ClientSampleId :

PB125772TB

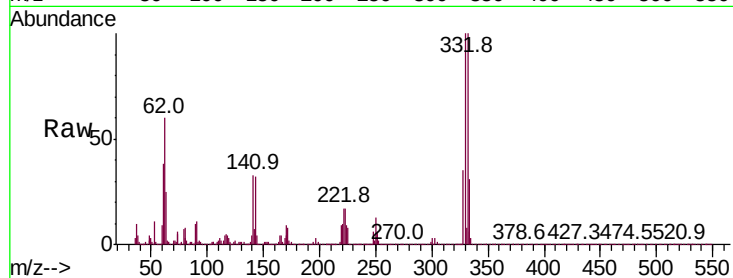
Tot Ion:330 Resp: 60251

Ion Ratio Lower Upper

330 100

332 100.8 78.3 117.5

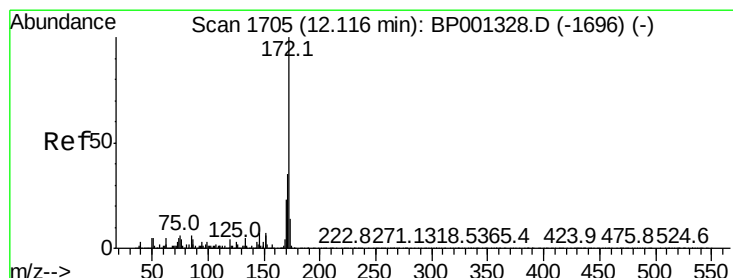
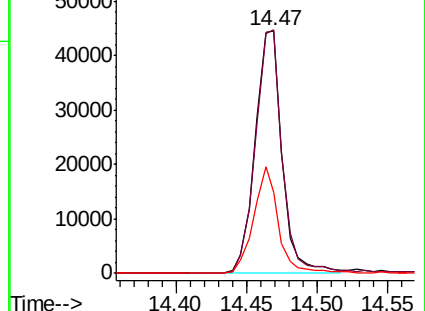
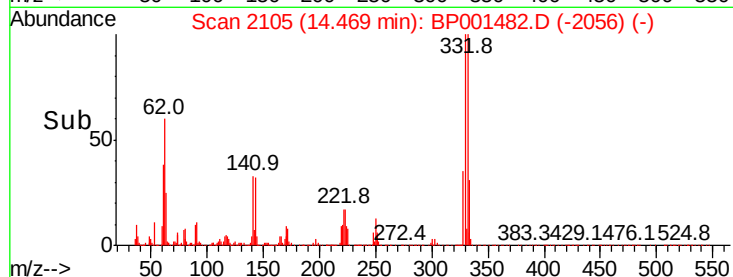
141 40.1 26.8 40.2



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: 75.745 ng

RT: 12.09 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BP001482.D

Acq: 28 Dec 2019 18:32

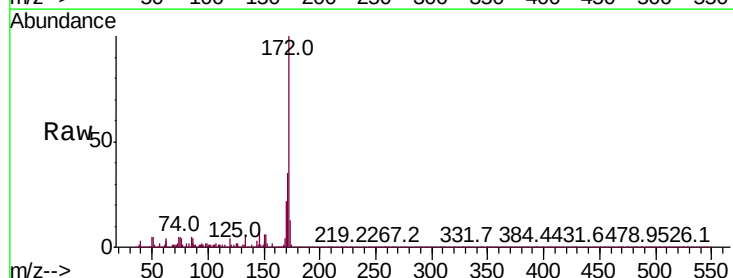
Tgt Ion:172 Resp: 250861

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

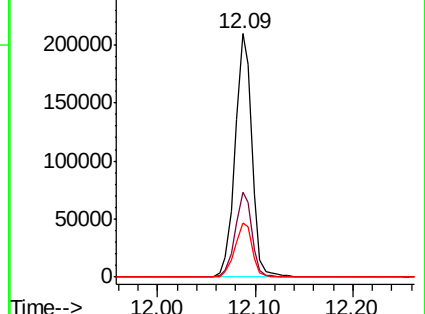
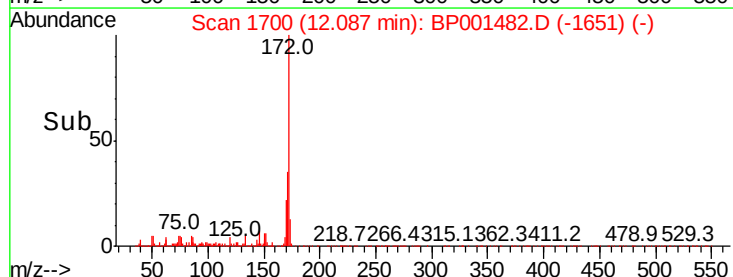
170 22.4 18.2 27.4

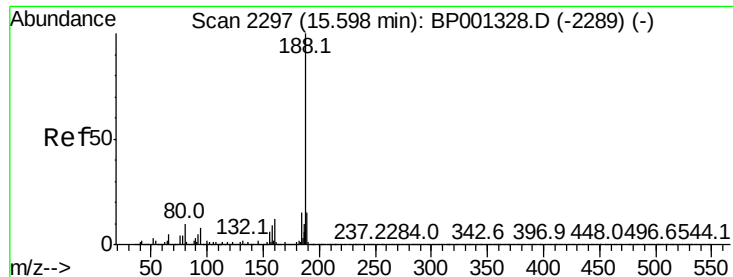


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

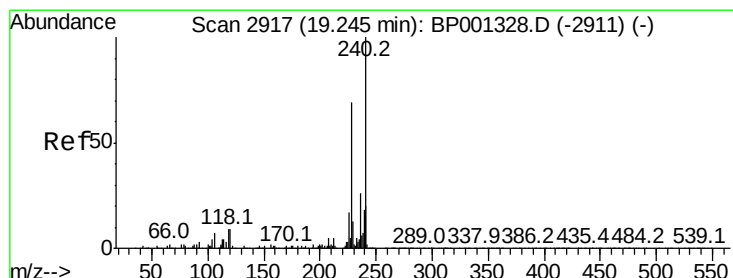
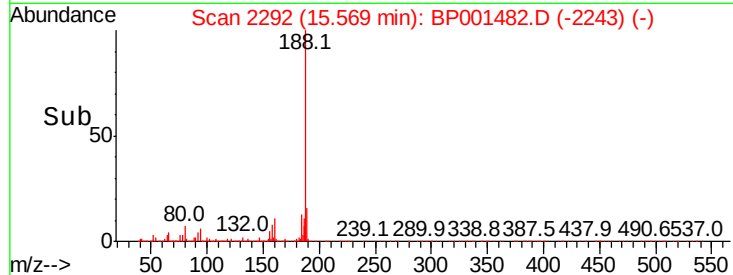
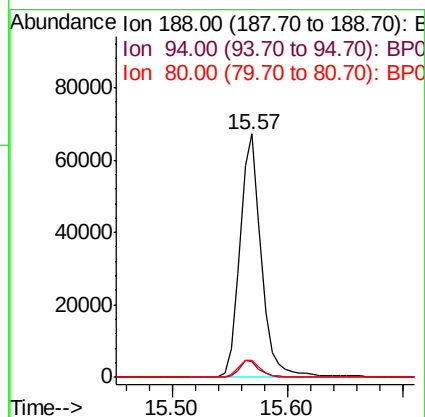
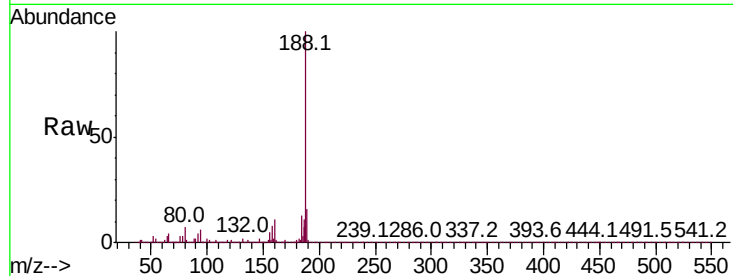




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BP001482.D
Acq: 28 Dec 2019 18:32

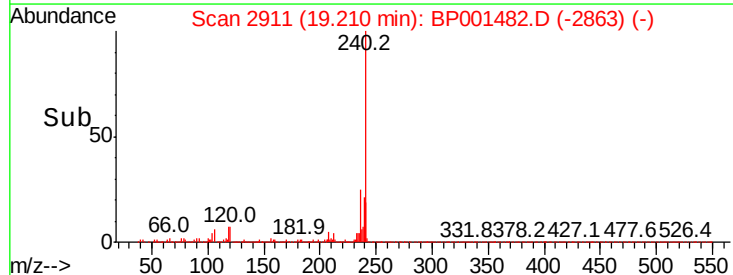
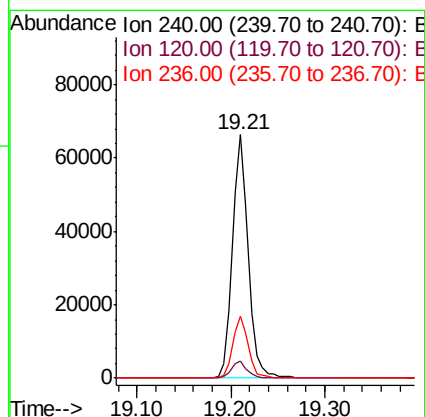
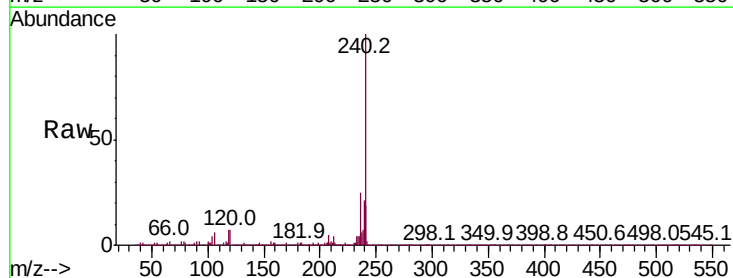
Instrument :
BNA_P
ClientSampleId :
PB125772TB

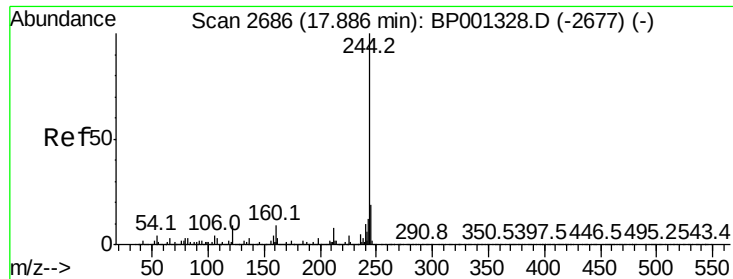
Tot Ion:188 Resp: 86181
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.0 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.21 min Scan# 2911
Delta R.T. -0.02 min
Lab File: BP001482.D
Acq: 28 Dec 2019 18:32

Tgt Ion:240 Resp: 77111
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.2
236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 82.603 ng

RT: 17.85 min Scan# 2680

Delta R.T. -0.02 min

Lab File: BP001482.D

Acq: 28 Dec 2019 18:32

Instrument :

BNA_P

ClientSampleId :

PB125772TB

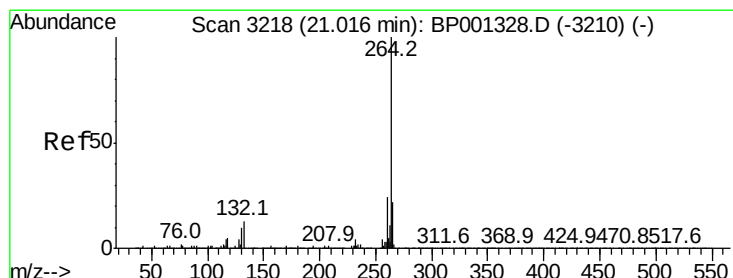
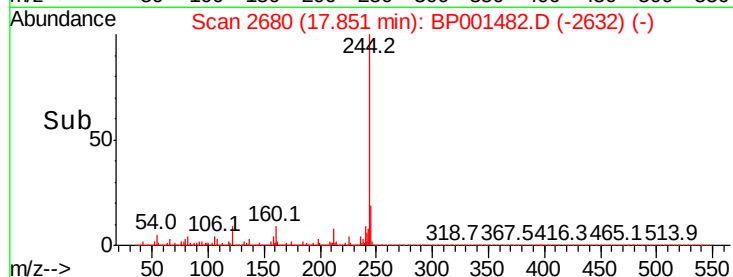
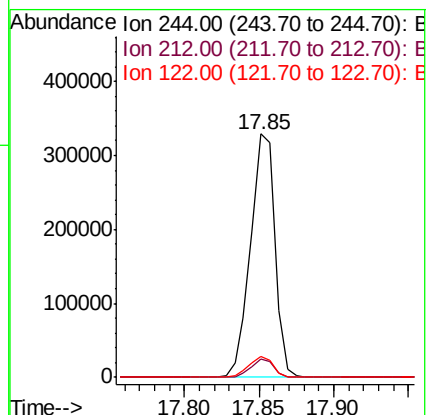
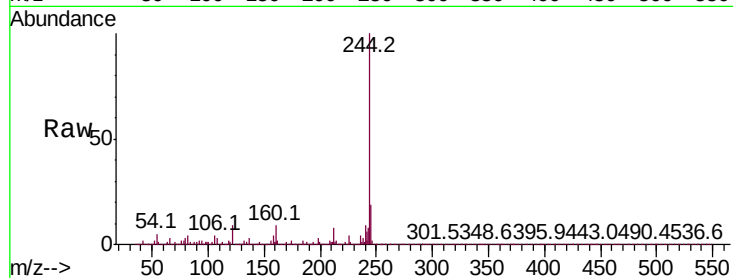
Tot Ion:244 Resp: 371891

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 8.7 6.4 9.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.97 min Scan# 3211

Delta R.T. -0.02 min

Lab File: BP001482.D

Acq: 28 Dec 2019 18:32

Tgt Ion:264 Resp: 84889

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 20.9 17.0 25.4

