

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001350.D
 Acq On : 20 Dec 2019 18:45
 Operator : JU
 Sample : PB125625BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125625BL

Quant Time: Dec 21 00:02:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	50049	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	174791	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	99660	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	195360	20.00	ng	0.00
76) Chrysene-d12	19.25	240	150379	20.00	ng	0.00
87) Perylene-d12	21.02	264	157228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	234691	75.79	ng	0.01
7) Phenol-d6	7.75	99	320720	79.37	ng	0.00
23) Nitrobenzene-d5	9.18	82	322827	70.92	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	85509	68.63	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	573284	72.74	ng	0.00
79) Terphenyl-d14	17.89	244	664579	75.69	ng	0.00

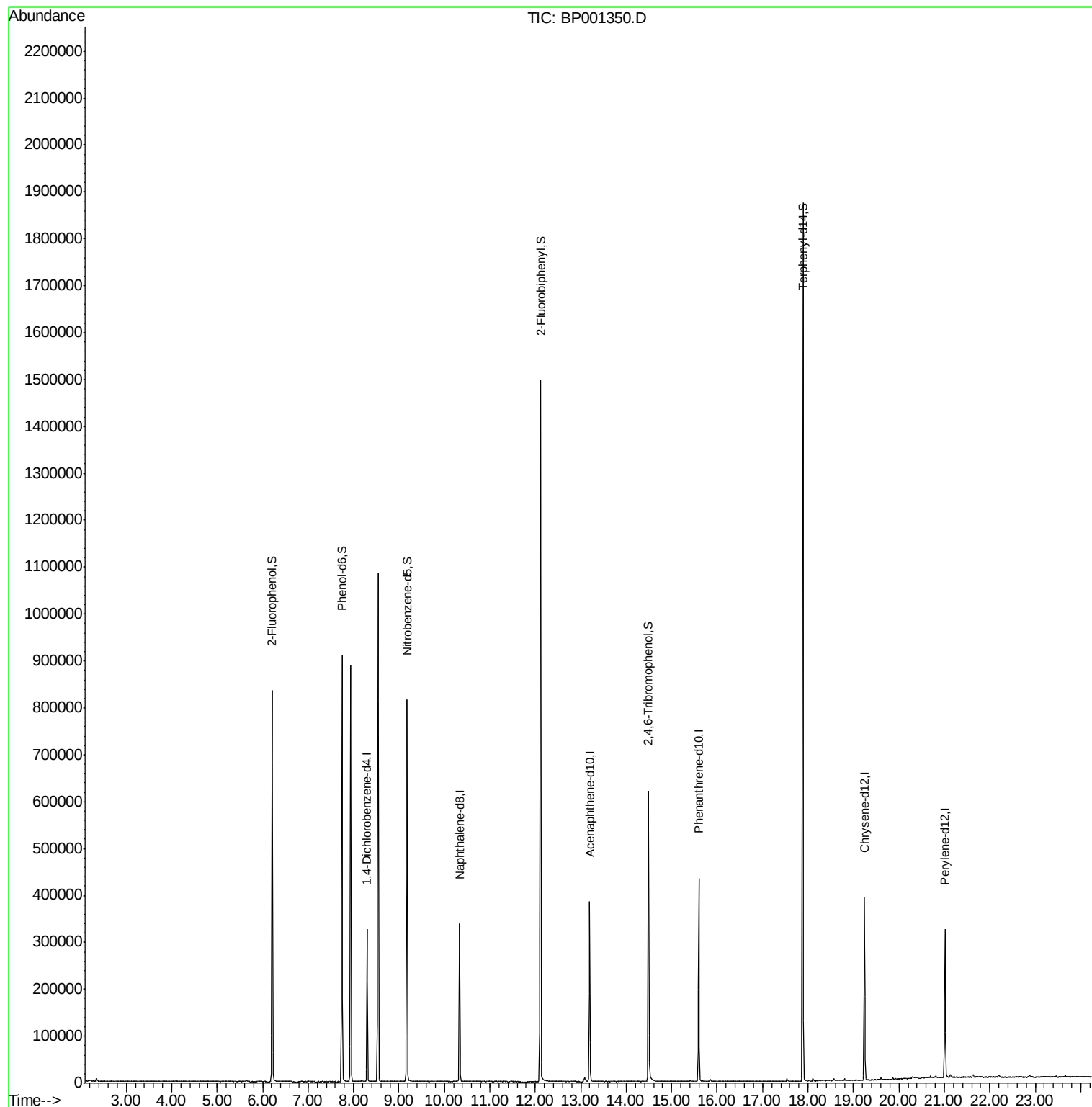
Target Compounds Qvalue

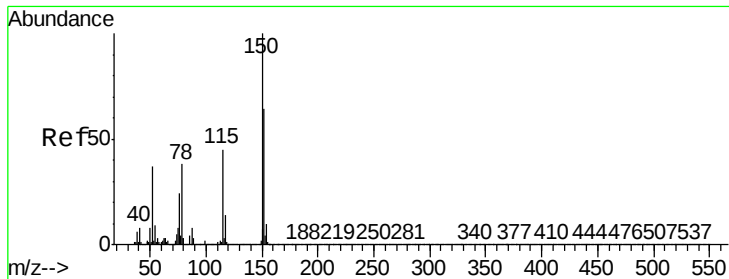
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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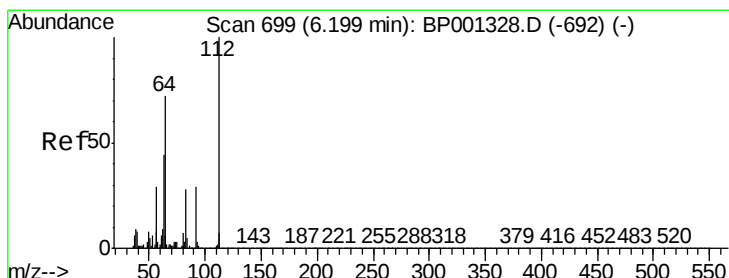
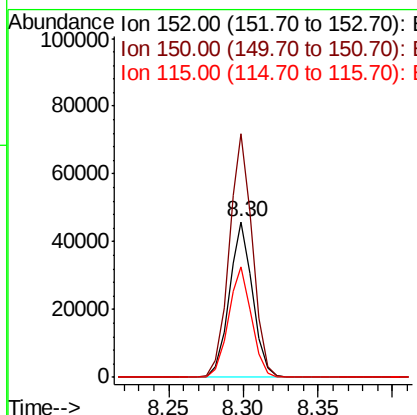
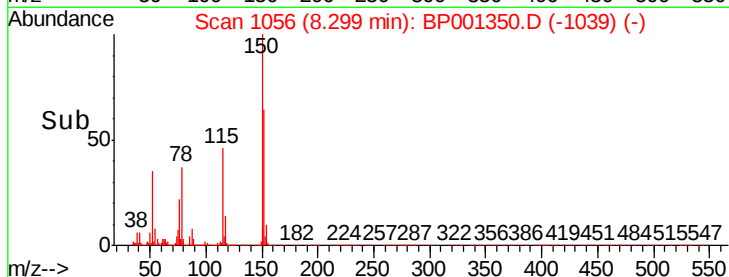
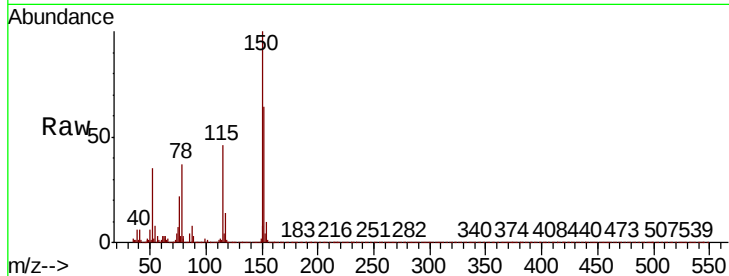




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BP001350.D
 Acq: 20 Dec 2019 18:45

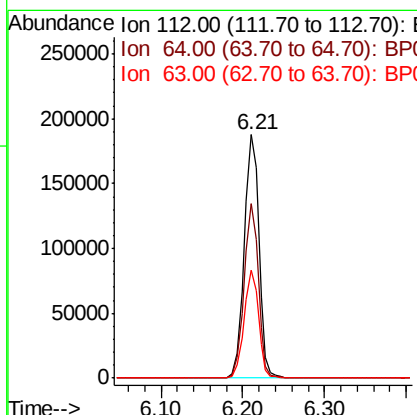
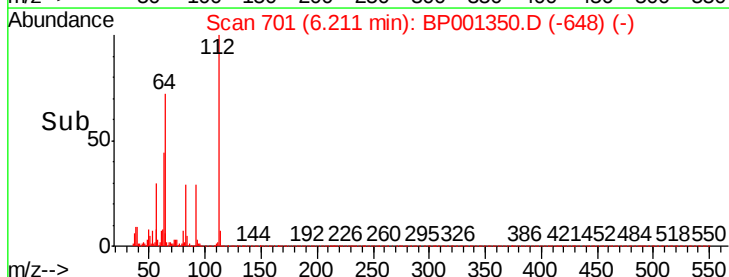
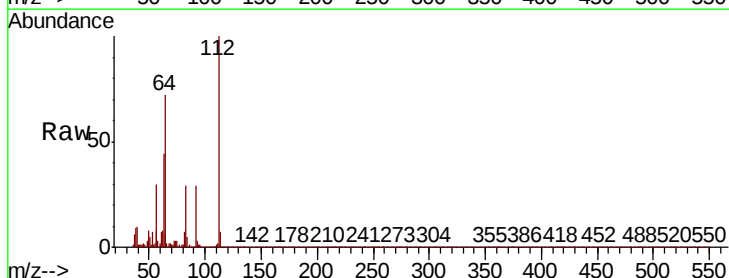
Instrument :
 BNA_P
 ClientSampleId :
 PB125625BL

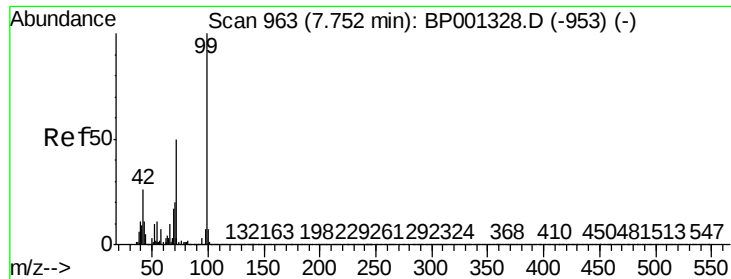
Tot Ion:	152	Resp:	50049
Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.0	186.0
115	71.5	59.3	88.9



#5
 2-Fluorophenol
 Concen: 75.787 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BP001350.D
 Acq: 20 Dec 2019 18:45

Tgt Ion:	112	Resp:	234691
Ion	Ratio	Lower	Upper
112	100		
64	71.7	57.6	86.4
63	44.4	35.1	52.7





#7

Phenol-d6

Concen: 79.370 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Instrument :

BNA_P

ClientSampleId :

PB125625BL

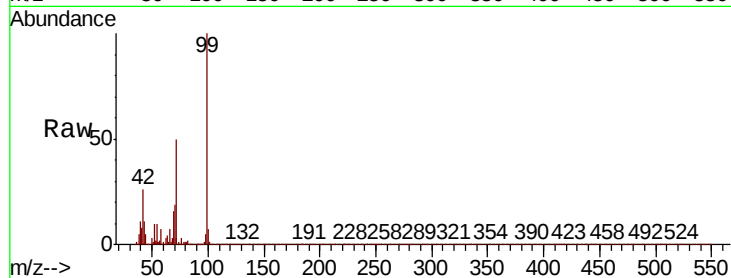
Tot Ion: 99 Resp: 320720

Ion Ratio Lower Upper

99 100

42 25.9 20.9 31.3

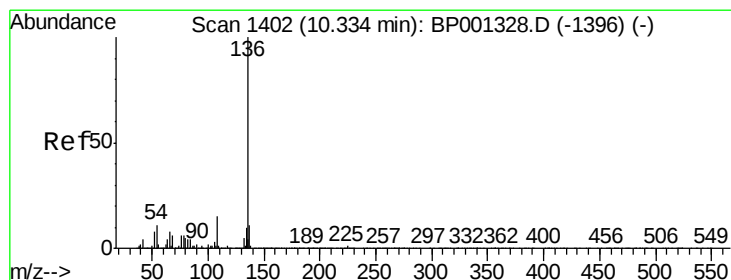
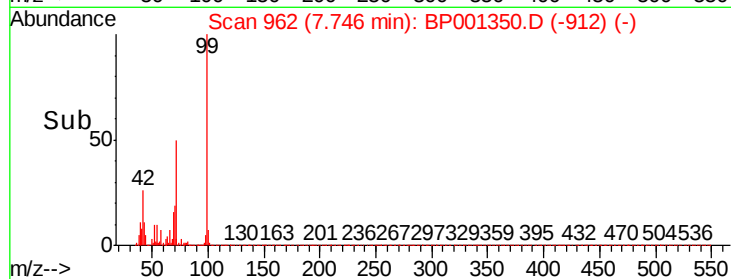
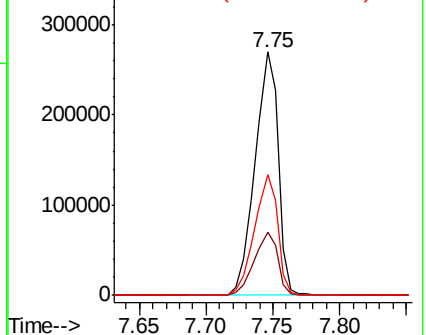
71 49.7 40.0 60.0



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: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Tgt Ion: 136 Resp: 174791

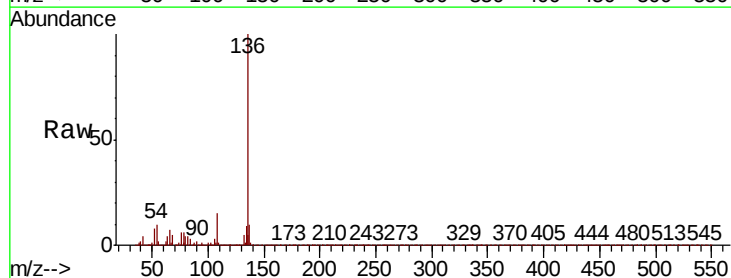
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 9.9 8.8 13.2

68 5.4 4.6 6.8

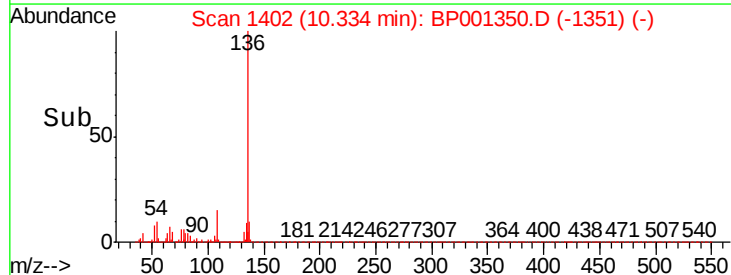
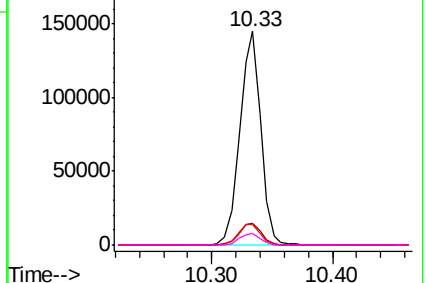


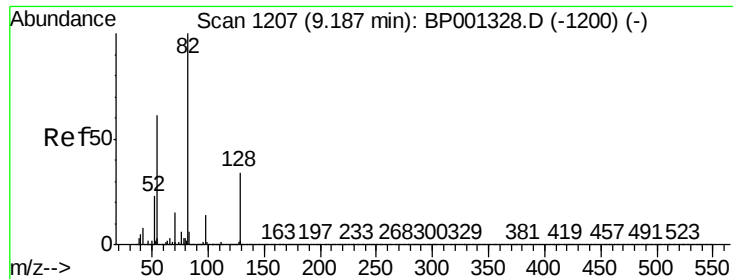
Abundance Ion 136.00 (135.70 to 136.70): E

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

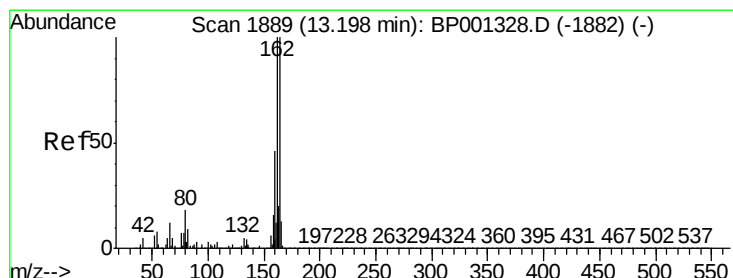
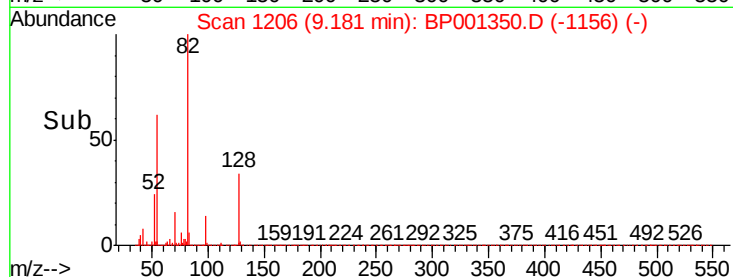
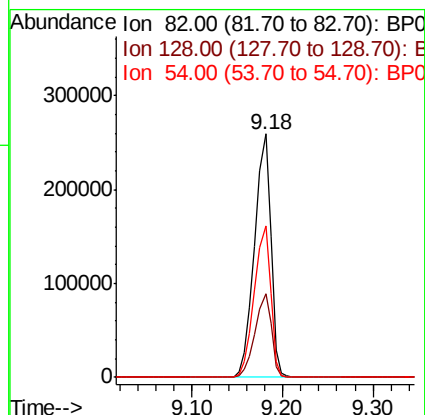
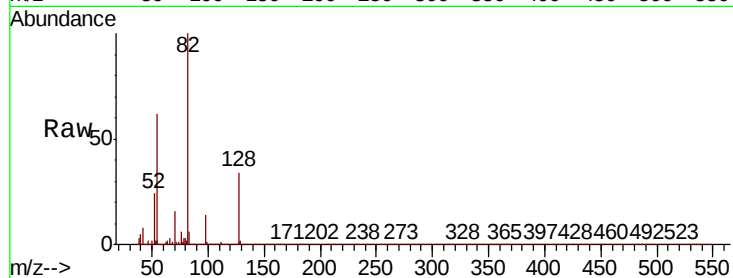




#23
 Nitrobenzene-d5
 Concen: 70.925 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BP001350.D
 Acq: 20 Dec 2019 18:45

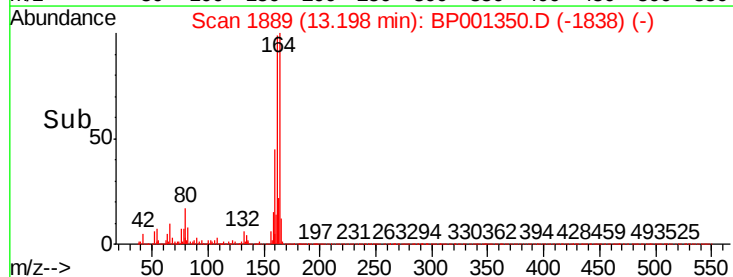
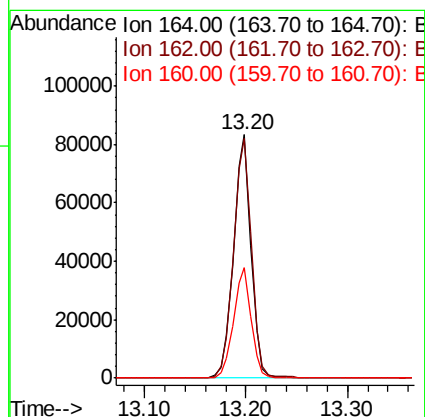
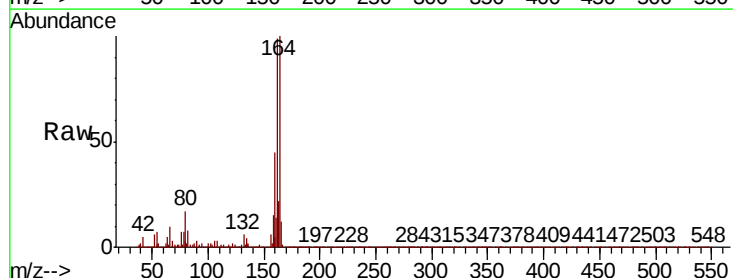
Instrument :
 BNA_P
 ClientSampleId :
 PB125625BL

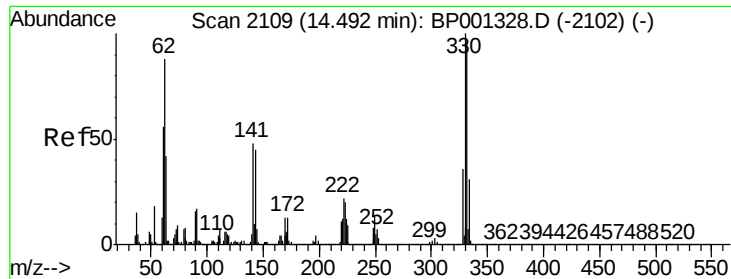
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.0	40.4
54	62.0	49.0	73.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: BP001350.D
 Acq: 20 Dec 2019 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.3	120.5
160	45.2	36.6	54.8

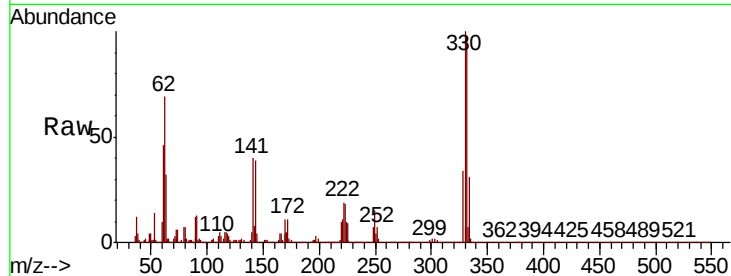




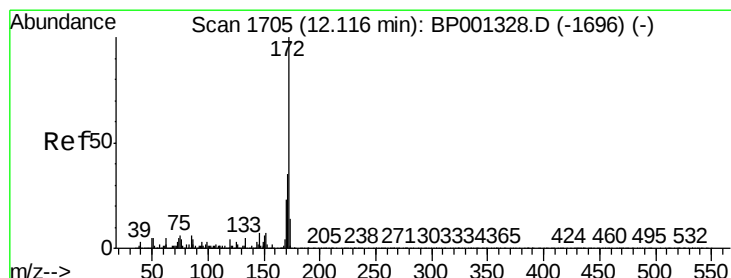
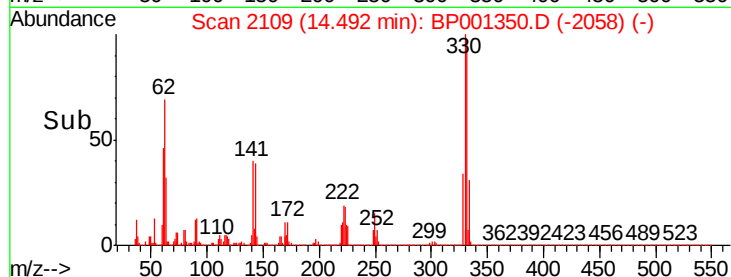
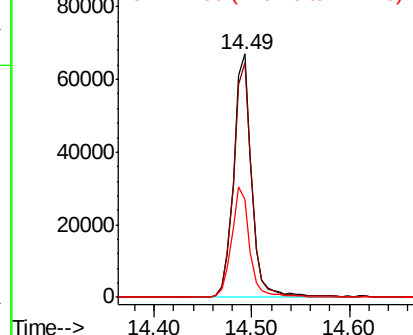
#42
2,4,6-Tribromophenol
Concen: 68.628 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BP001350.D
Acq: 20 Dec 2019 18:45

Instrument :
BNA_P
ClientSampleId :
PB125625BL

Tot Ion:330 Resp: 85509
Ion Ratio Lower Upper
330 100
332 97.8 78.7 118.1
141 45.6 36.2 54.4

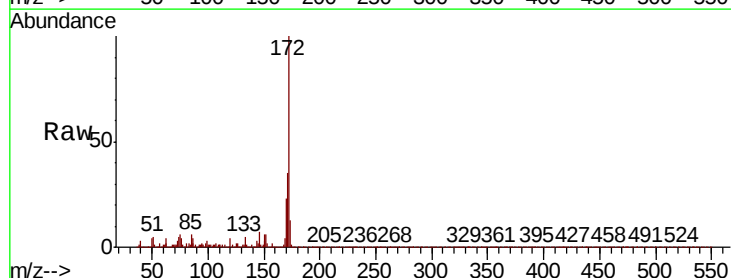


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

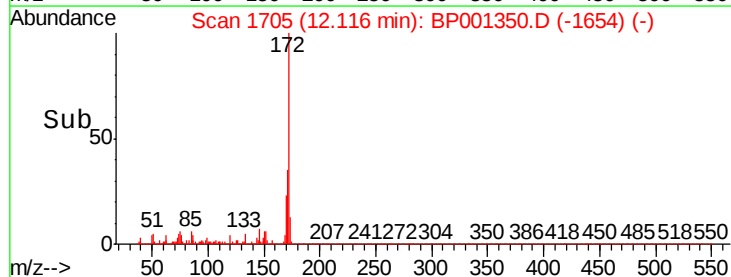
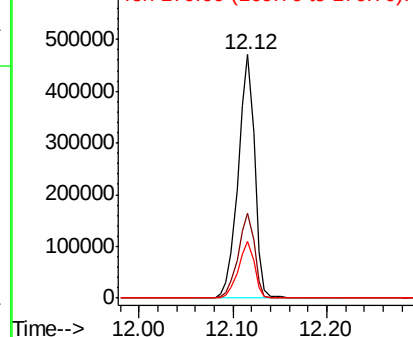


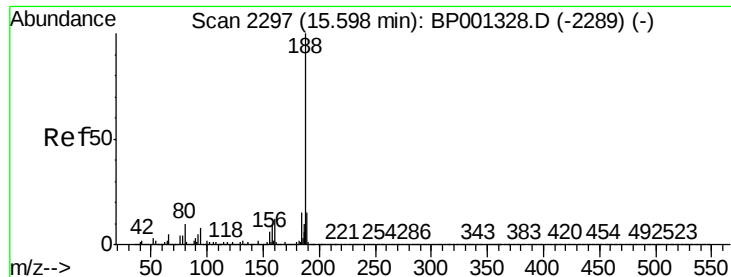
#45
2-Fluorobiphenyl
Concen: 72.738 ng
RT: 12.12 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BP001350.D
Acq: 20 Dec 2019 18:45

Tgt Ion:172 Resp: 573284
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.1 18.6 28.0



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. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Instrument :

BNA_P

ClientSampleId :

PB125625BL

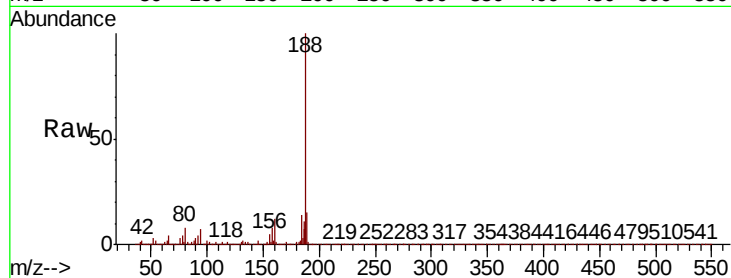
Tot Ion:188 Resp: 195360

Ion Ratio Lower Upper

188 100

94 7.4 6.6 10.0

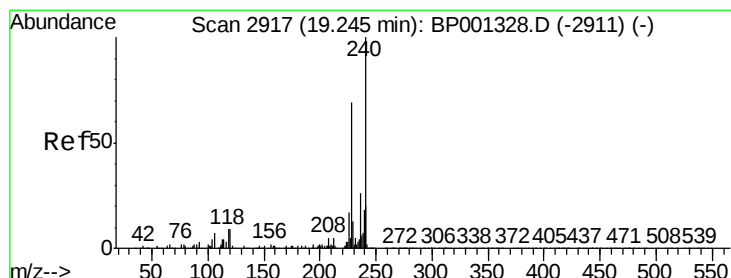
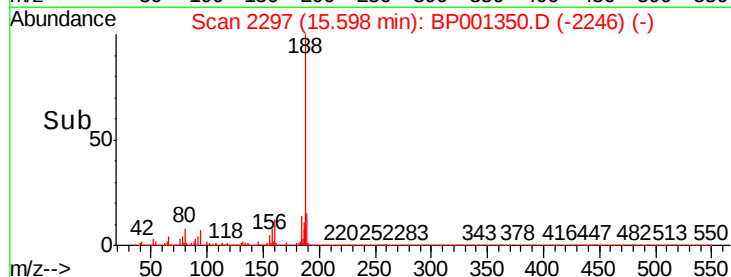
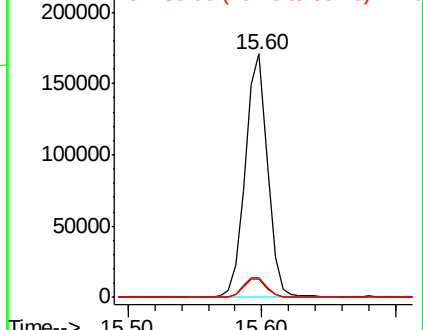
80 8.0 7.8 11.6



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: 19.25 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

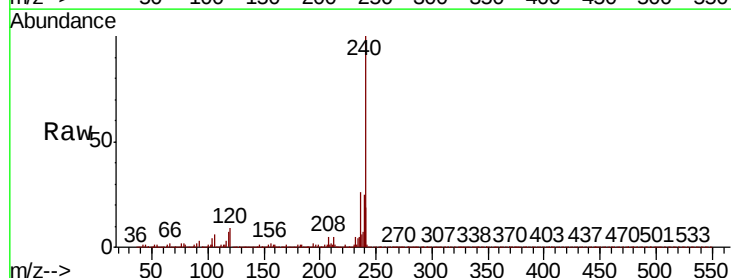
Tgt Ion:240 Resp: 150379

Ion Ratio Lower Upper

240 100

120 9.1 7.6 11.4

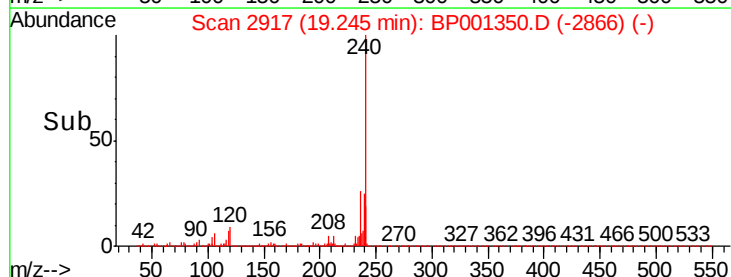
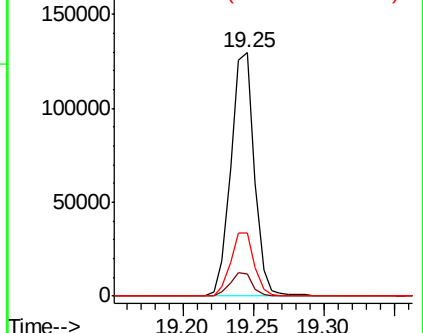
236 26.0 21.0 31.4

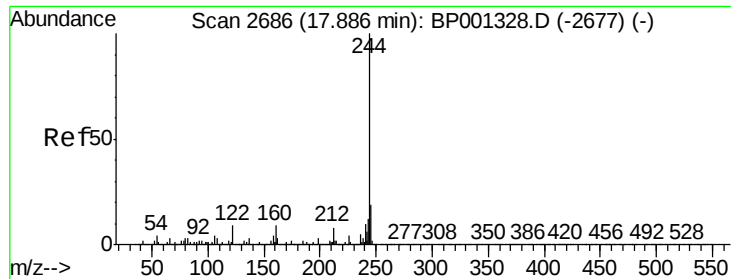


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.693 ng

RT: 17.89 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

Instrument :

BNA_P

ClientSampleId :

PB125625BL

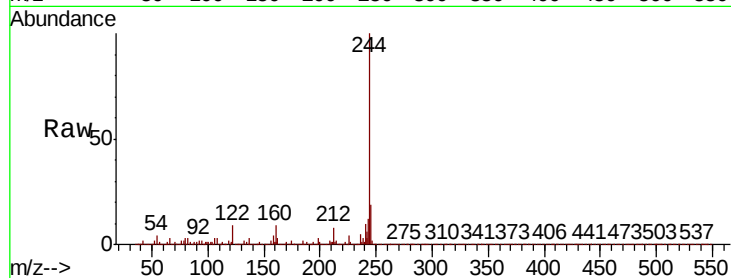
Tot Ion:244 Resp: 664579

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

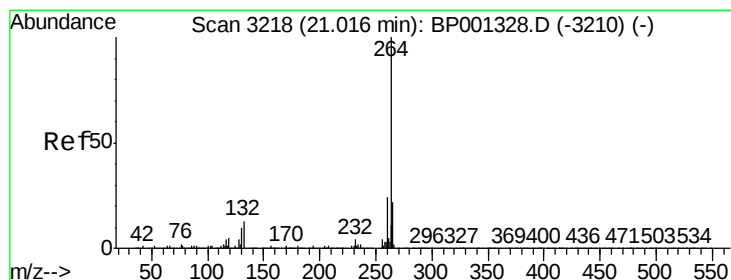
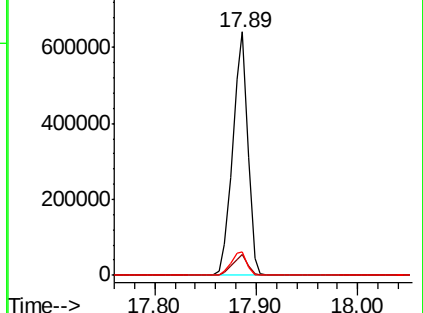
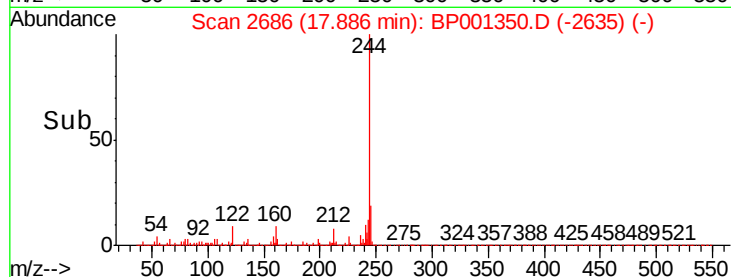
122 9.4 7.6 11.4



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. 0.00 min

Lab File: BP001350.D

Acq: 20 Dec 2019 18:45

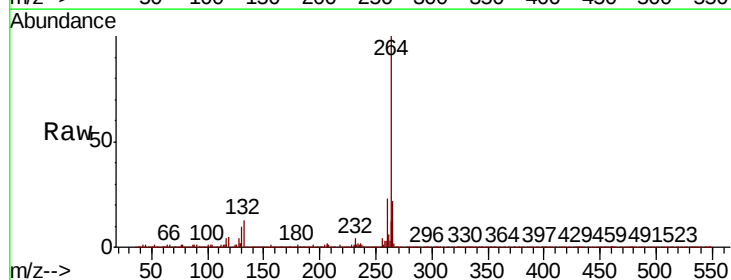
Tgt Ion:264 Resp: 157228

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.8 17.4 26.2



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

