

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001212.D
 Acq On : 05 Dec 2019 15:29
 Operator : JU
 Sample : PB125231BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125231BL

Quant Time: Dec 06 07:17:25 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	8.31	152	84546	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	306774	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	173658	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	352784	20.00	ng	0.00
76) Chrysene-d12	19.25	240	290797	20.00	ng	-0.01
87) Perylene-d12	21.02	264	307015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	682255	133.88	ng	0.01
7) Phenol-d6	7.76	99	918341	135.27	ng	0.00
23) Nitrobenzene-d5	9.19	82	623165	88.13	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	240698	144.61	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1048578	88.37	ng	0.00
79) Terphenyl-d14	17.89	244	1405332	89.41	ng	0.00

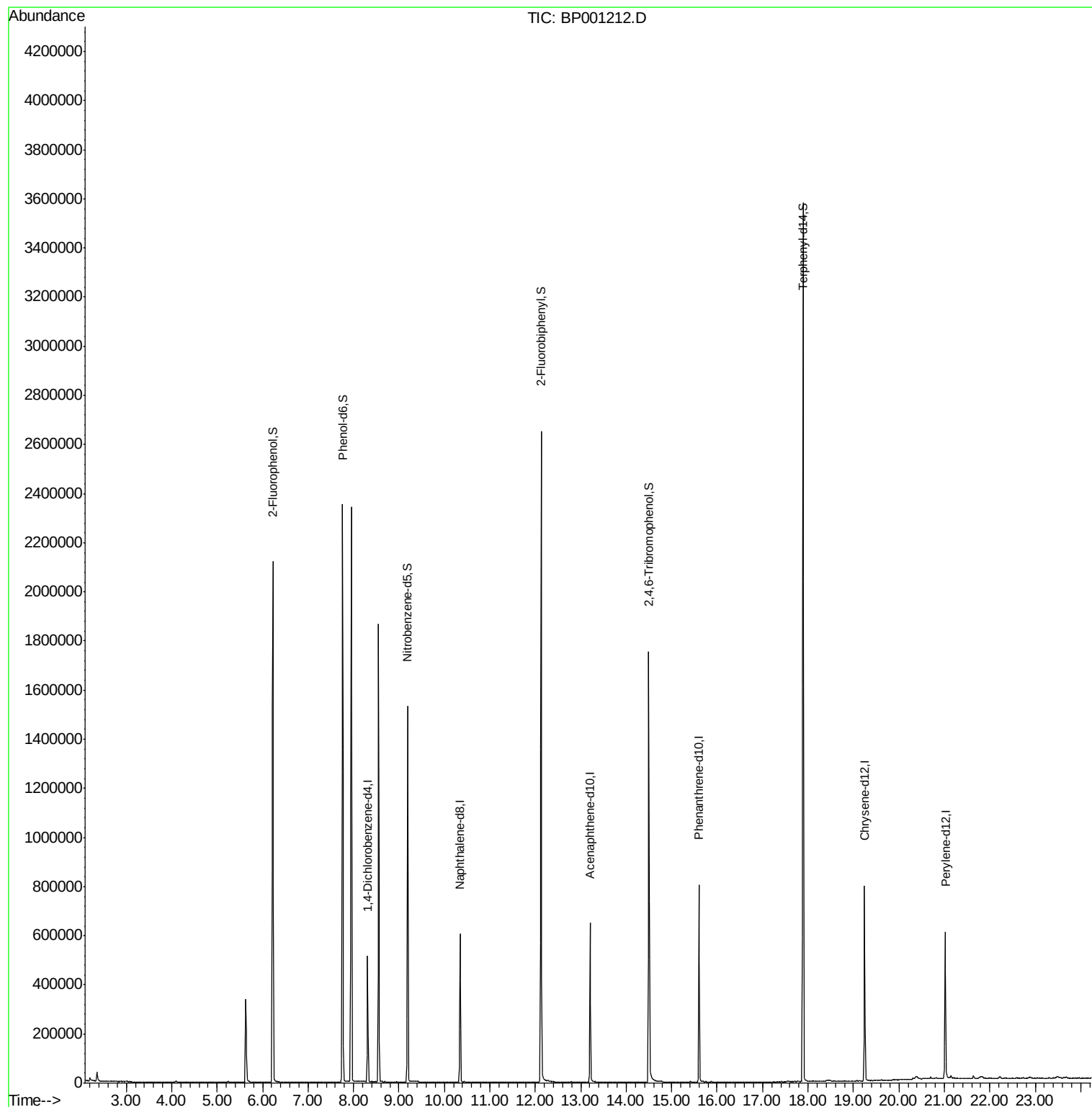
Target Compounds Qvalue

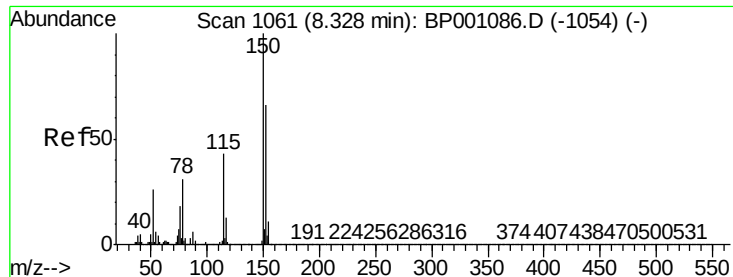
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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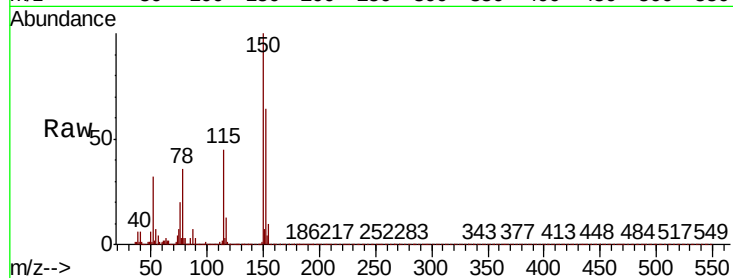




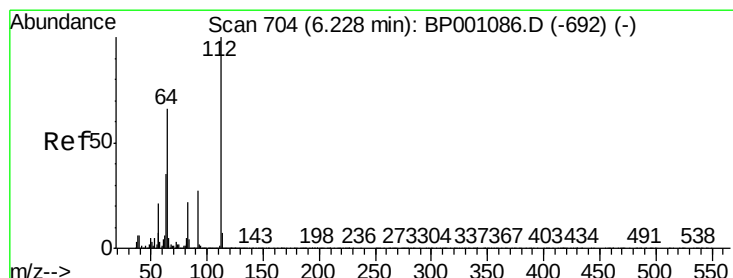
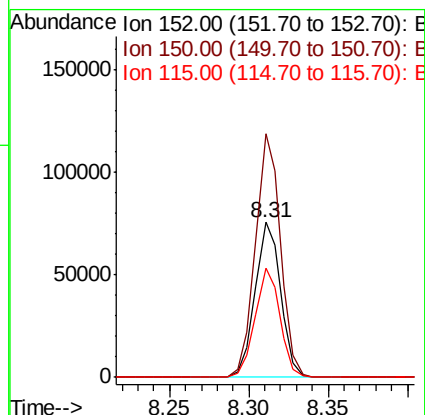
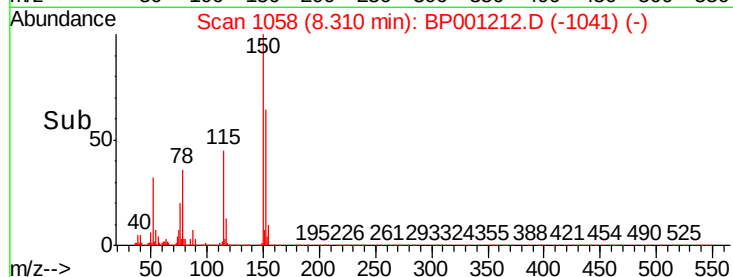
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BP001212.D
 Acq: 05 Dec 2019 15:29

Instrument :
 BNA_P
 ClientSampleId :
 PB125231BL

Tot Ion:152 Resp: 84546
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.3 190.9
 115 70.4 56.0 84.0

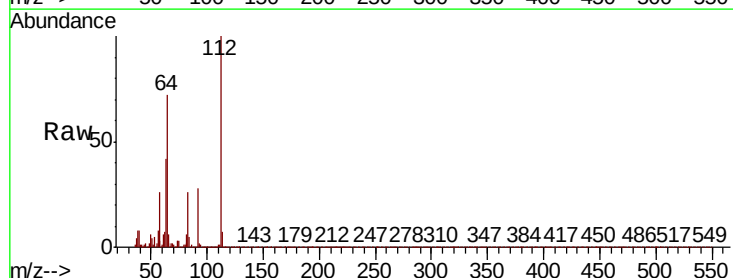


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

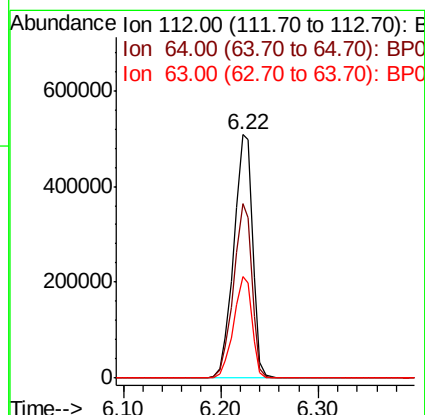
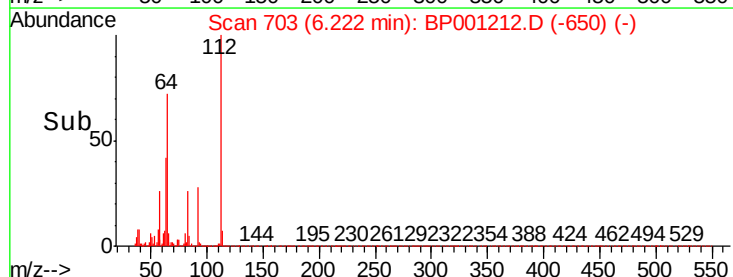


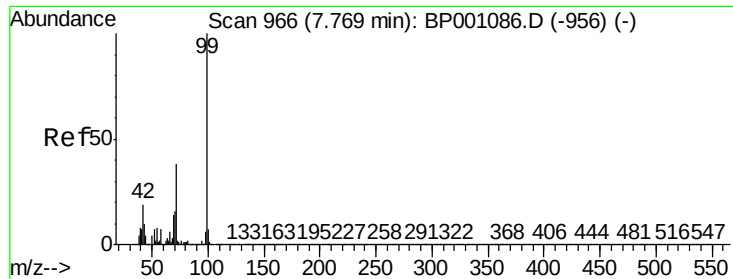
#5
 2-Fluorophenol
 Concen: 133.882 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001212.D
 Acq: 05 Dec 2019 15:29

Tgt Ion:112 Resp: 682255
 Ion Ratio Lower Upper
 112 100
 64 71.6 56.8 85.2
 63 41.8 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: 135.268 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001212.D

Acq: 05 Dec 2019 15:29

Instrument :

BNA_P

ClientSampleId :

PB125231BL

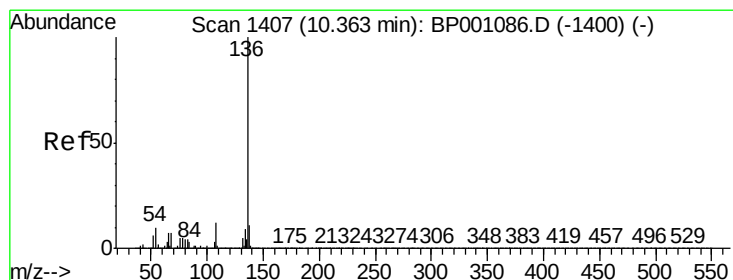
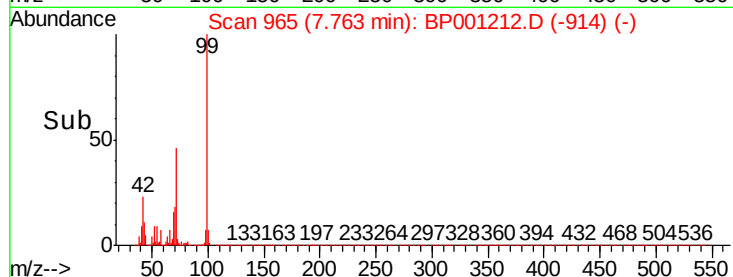
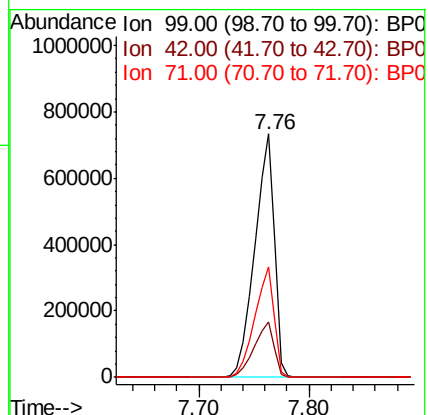
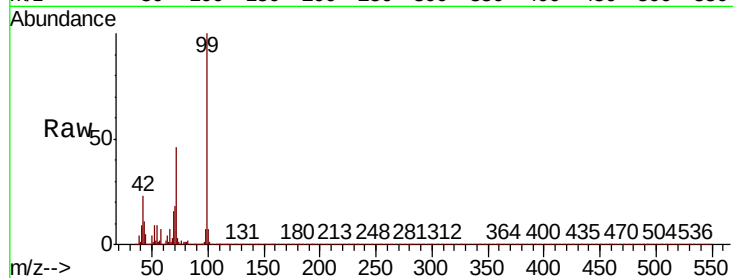
Tot Ion: 99 Resp: 918341

Ion Ratio Lower Upper

99 100

42 22.8 17.6 26.4

71 45.5 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BP001212.D

Acq: 05 Dec 2019 15:29

Tgt Ion: 136 Resp: 306774

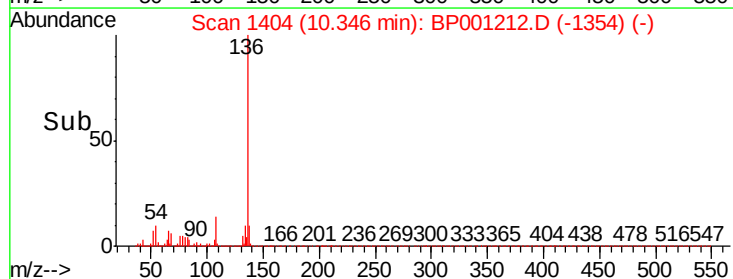
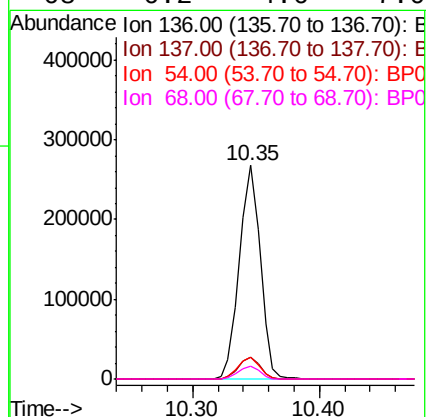
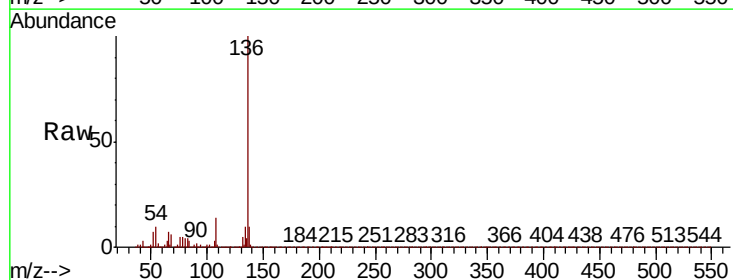
Ion Ratio Lower Upper

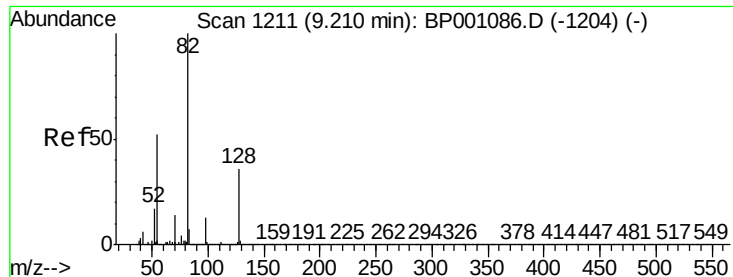
136 100

137 10.4 8.4 12.6

54 10.2 7.4 11.0

68 6.2 4.6 7.0

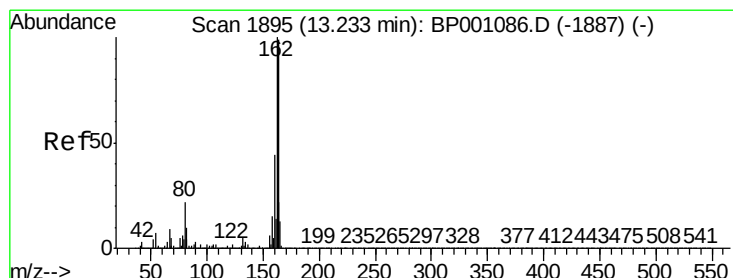
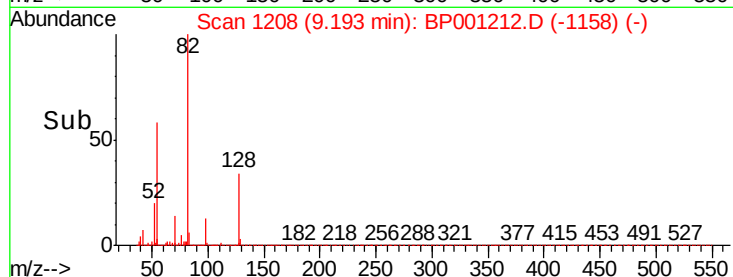
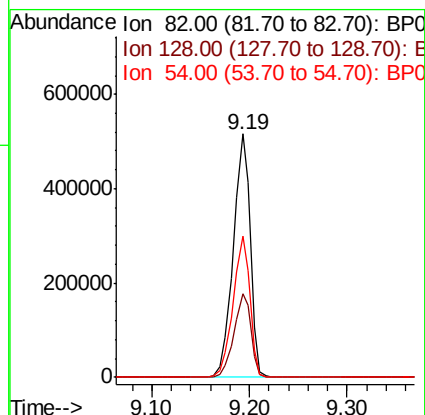
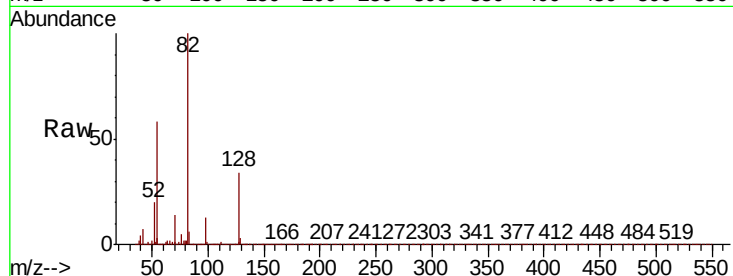




#23
Nitrobenzene-d5
Concen: 88.132 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001212.D
Acq: 05 Dec 2019 15:29

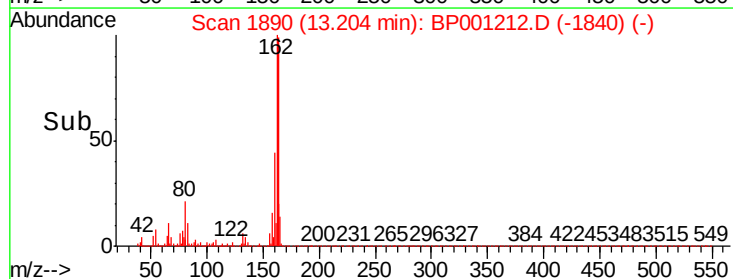
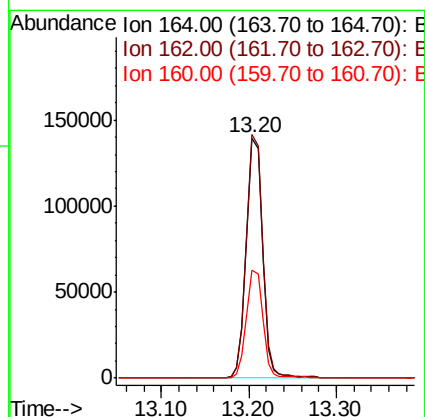
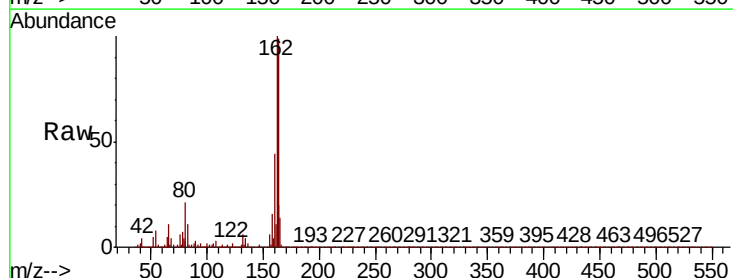
Instrument :
BNA_P
ClientSampleId :
PB125231BL

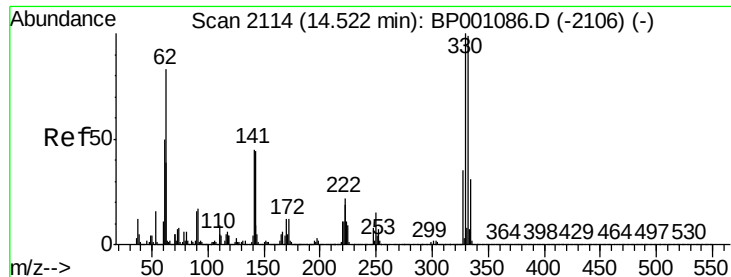
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.5	41.3
54	57.7	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001212.D
Acq: 05 Dec 2019 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	44.7	36.3	54.5

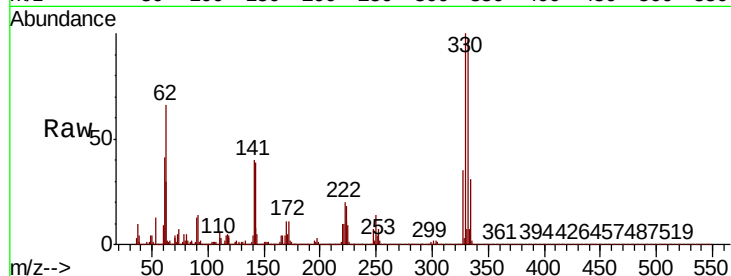




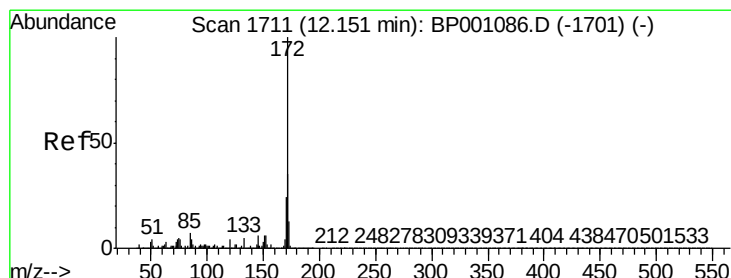
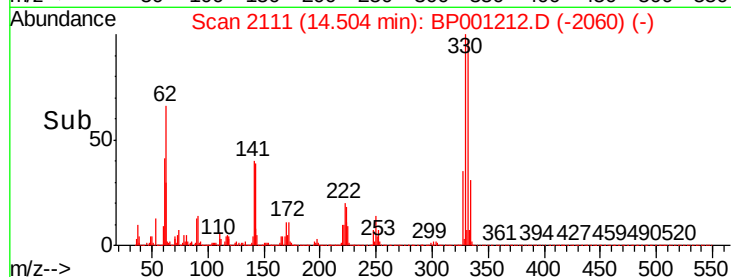
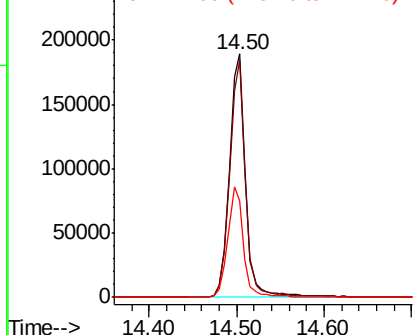
#42
2,4,6-Tribromophenol
Concen: 144.606 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP001212.D
Acq: 05 Dec 2019 15:29

Instrument :
BNA_P
ClientSampleId :
PB125231BL

Tot Ion:330 Resp: 240698
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 44.4 35.9 53.9

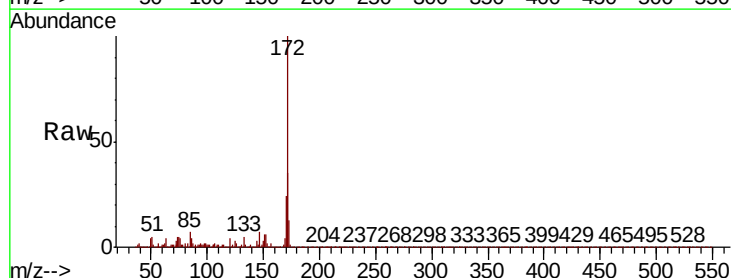


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

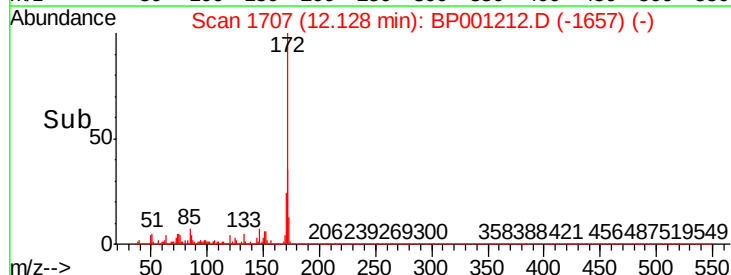
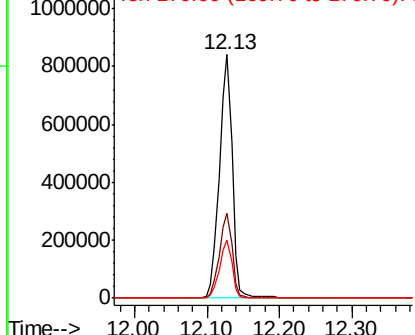


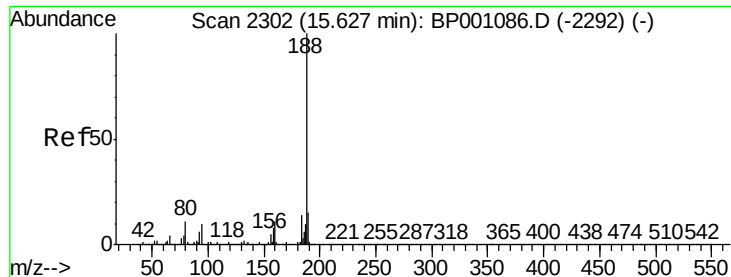
#45
2-Fluorobiphenyl
Concen: 88.373 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001212.D
Acq: 05 Dec 2019 15:29

Tgt Ion:172 Resp: 1048578
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 23.9 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# 2298

Delta R.T. -0.01 min

Lab File: BP001212.D

Acq: 05 Dec 2019 15:29

Instrument :

BNA_P

ClientSampleId :

PB125231BL

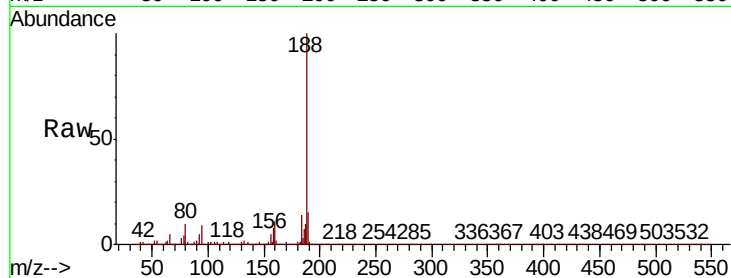
Tot Ion:188 Resp: 352784

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

80 9.6 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

15.60

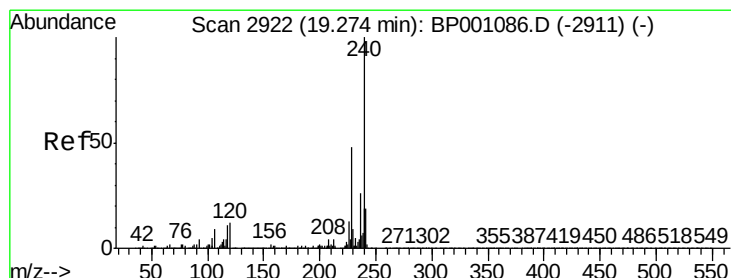
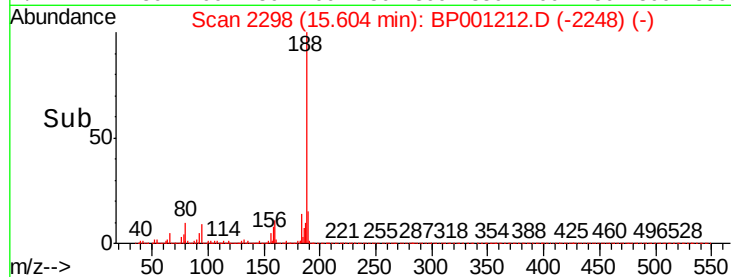
300000

200000

100000

0

Time--> 15.50 15.60 15.70



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001212.D

Acq: 05 Dec 2019 15:29

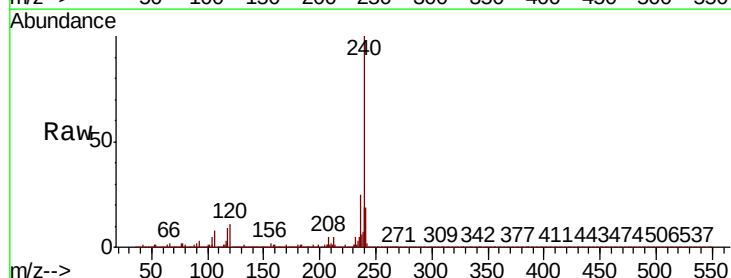
Tgt Ion:240 Resp: 290797

Ion Ratio Lower Upper

240 100

120 10.7 7.0 10.6#

236 25.5 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

19.25

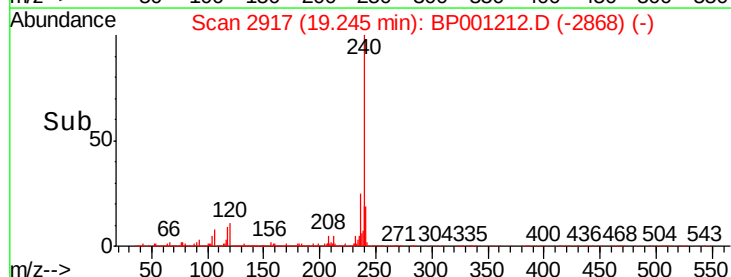
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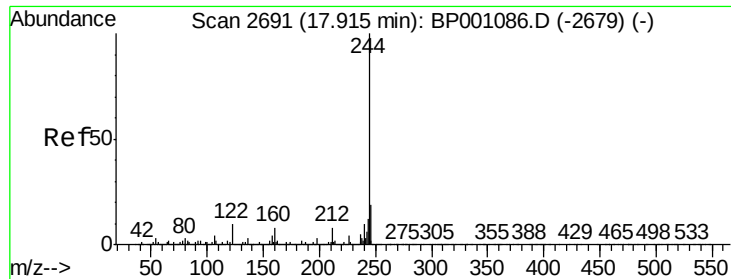
200000

100000

0

Time--> 19.20 19.30

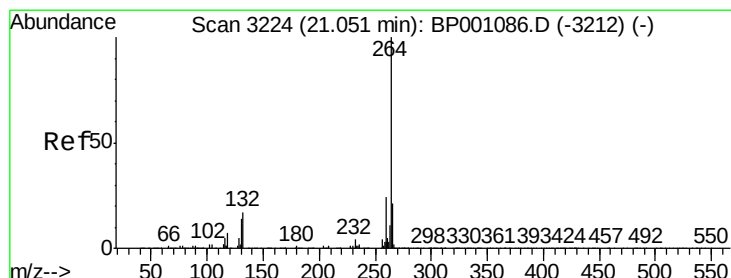
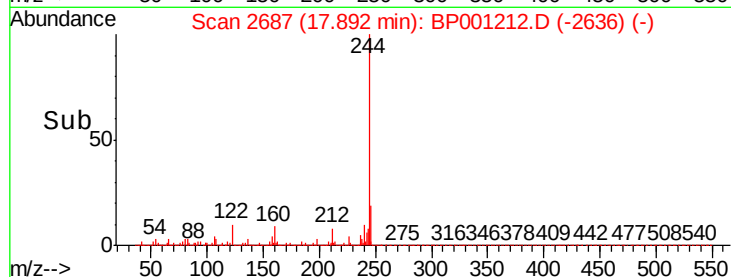
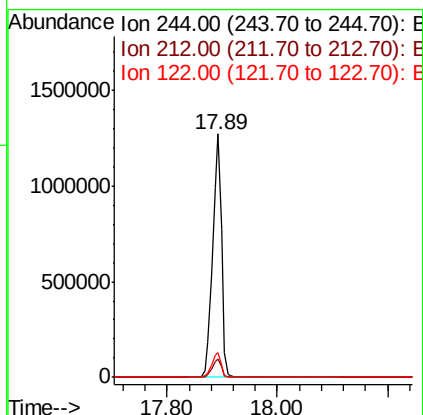
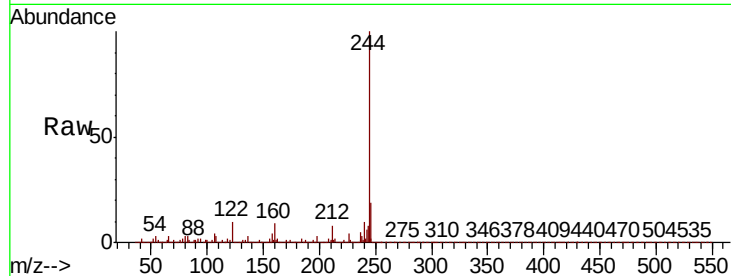




#79
 Terphenyl-d14
 Concen: 89.409 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. -0.00 min
 Lab File: BP001212.D
 Acq: 05 Dec 2019 15:29

Instrument :
 BNA_P
 ClientSampleId :
 PB125231BL

Tot Ion:244 Resp: 1405332
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 9.9 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3219
 Delta R.T. -0.01 min
 Lab File: BP001212.D
 Acq: 05 Dec 2019 15:29

Tgt Ion:264 Resp: 307015
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 22.1 17.1 25.7

