

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001301.D
 Acq On : 10 Dec 2019 18:24
 Operator : JU
 Sample : K6186-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S32-GAC-IDW01

Quant Time: Dec 11 04:50:05 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

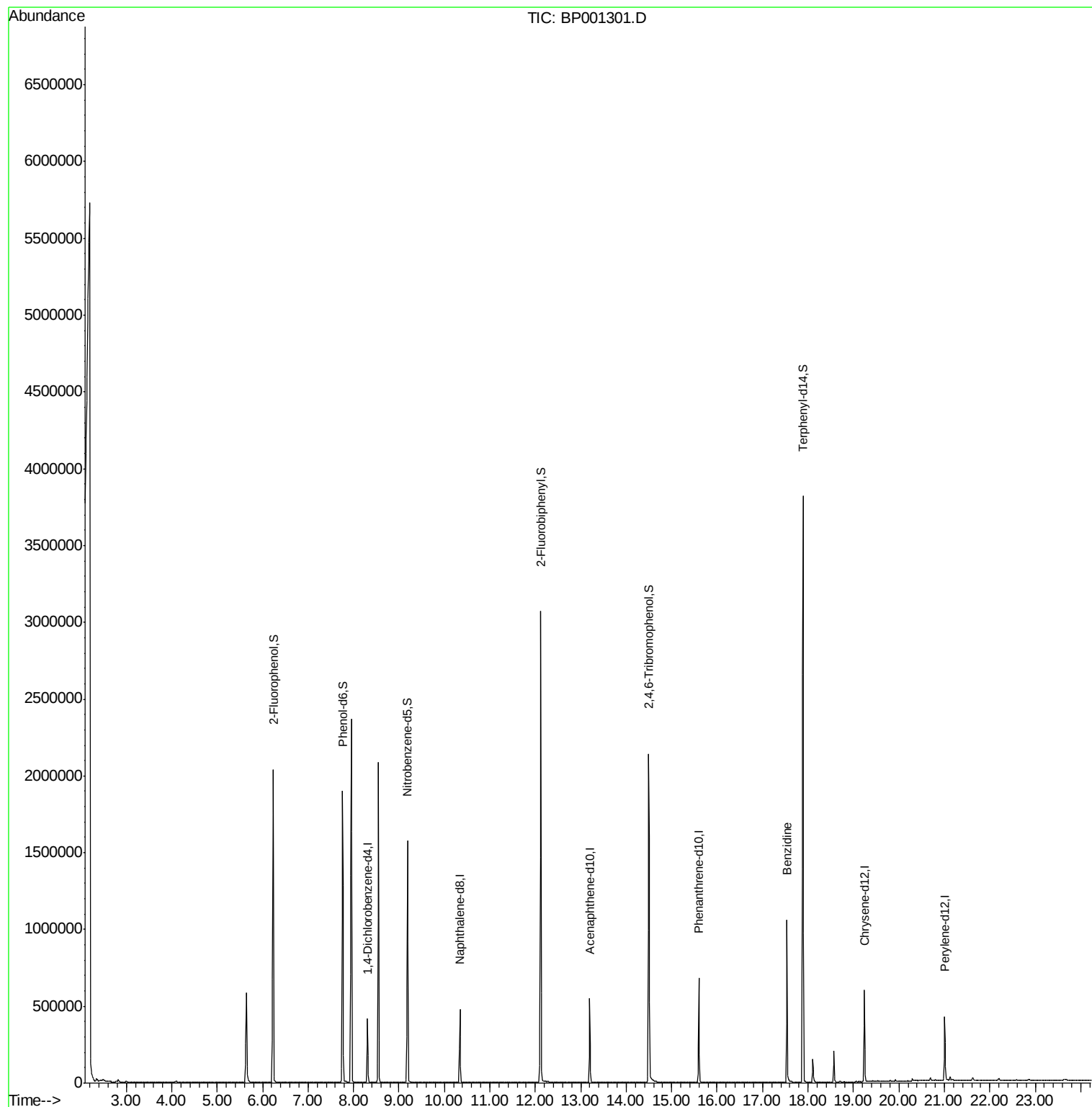
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	68470	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	248727	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	150090	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	298938	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	223737	20.00	ng	-0.02
87) Perylene-d12	21.02	264	220625	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	623579	151.10	ng	0.02
7) Phenol-d6	7.76	99	751449	136.67	ng	0.00
23) Nitrobenzene-d5	9.19	82	703156	122.65	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	305298	212.22	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1240802	120.99	ng	-0.01
79) Terphenyl-d14	17.89	244	1600659	132.36	ng	0.00
Target Compounds						
77) Benzidine	17.54	184	433409	75.027	ng	Qvalue 99

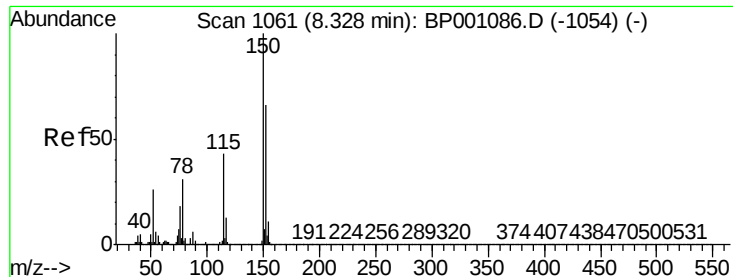
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001301.D
Acq On : 10 Dec 2019 18:24
Operator : JU
Sample : K6186-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S32-GAC-IDW01

Quant Time: Dec 11 04:50:05 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

S32-GAC-IDW01

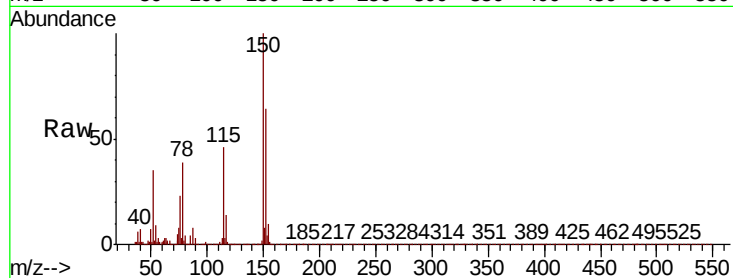
Tot Ion:152 Resp: 68470

Ion Ratio Lower Upper

152 100

150 155.7 127.3 190.9

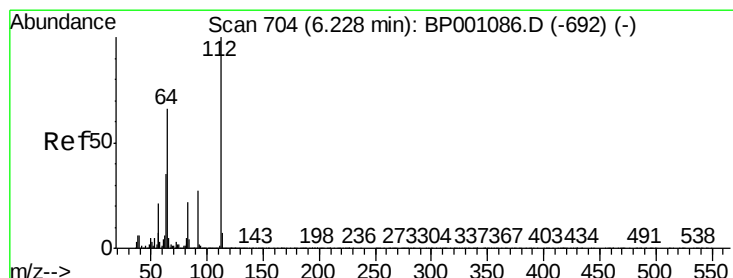
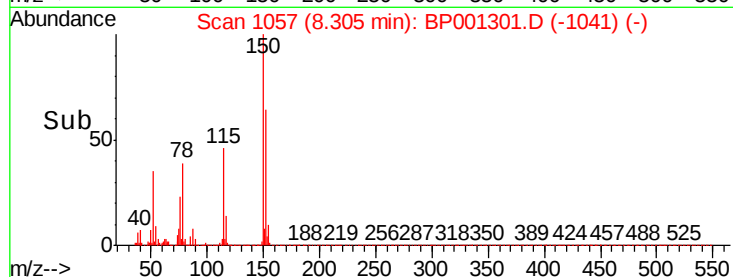
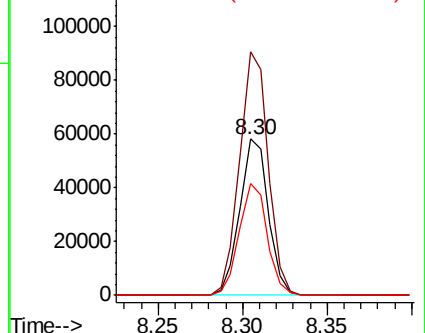
115 71.6 56.0 84.0



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: 151.098 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:24

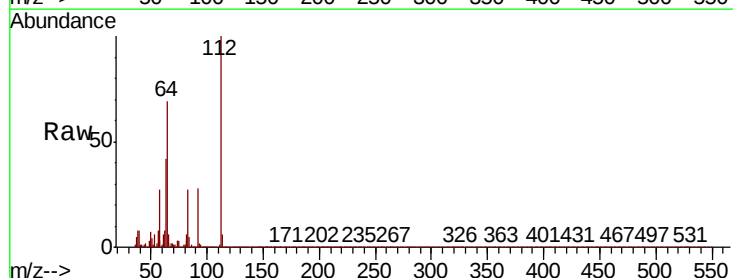
Tgt Ion:112 Resp: 623579

Ion Ratio Lower Upper

112 100

64 68.9 56.8 85.2

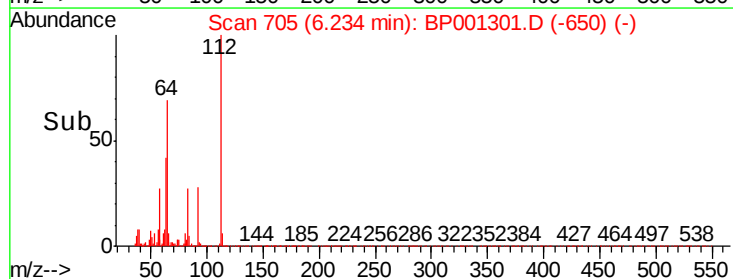
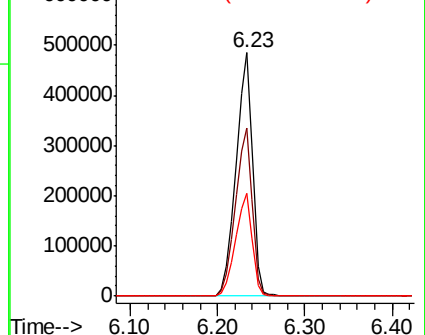
63 42.1 32.2 48.2



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: 136.673 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

S32-GAC-IDW01

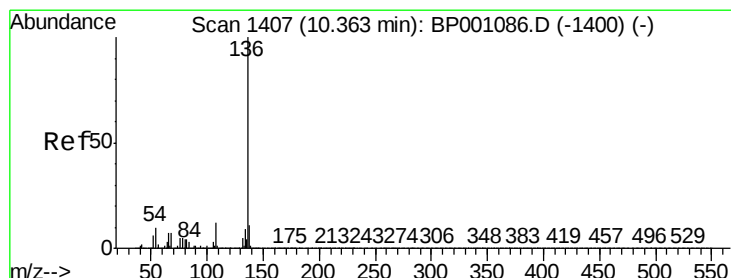
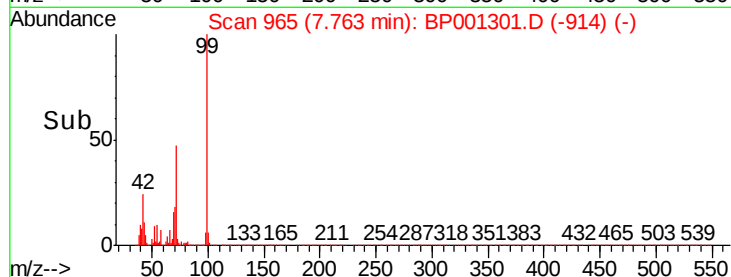
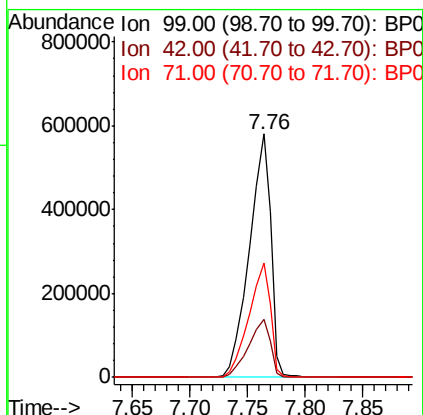
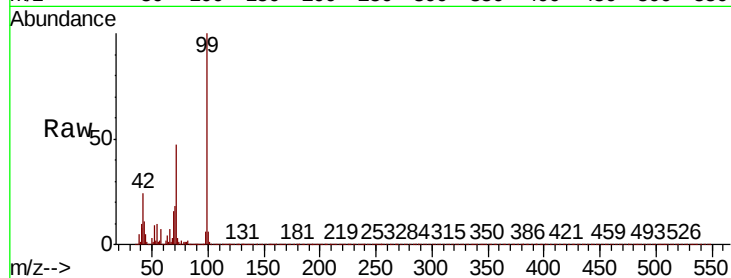
Tot Ion: 99 Resp: 751449

Ion Ratio Lower Upper

99 100

42 23.9 17.6 26.4

71 47.0 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: BP001301.D

Acq: 10 Dec 2019 18:24

Tgt Ion: 136 Resp: 248727

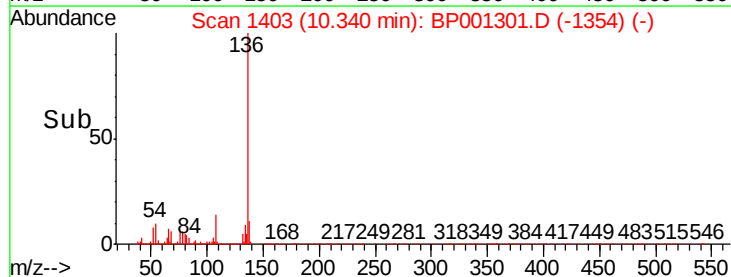
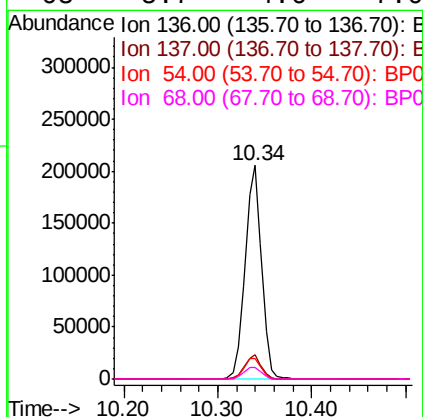
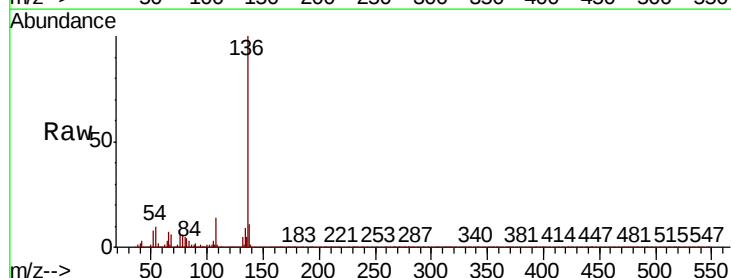
Ion Ratio Lower Upper

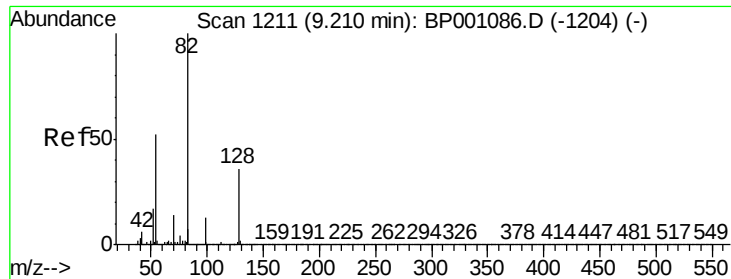
136 100

137 11.2 8.4 12.6

54 9.8 7.4 11.0

68 5.7 4.6 7.0

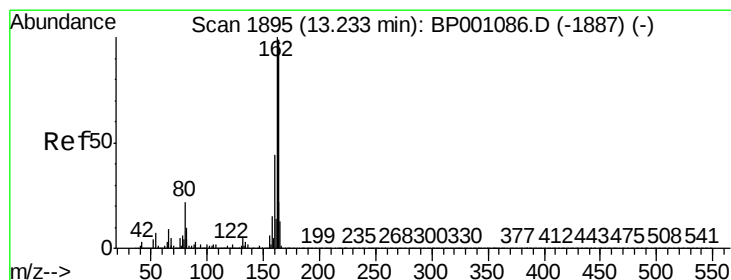
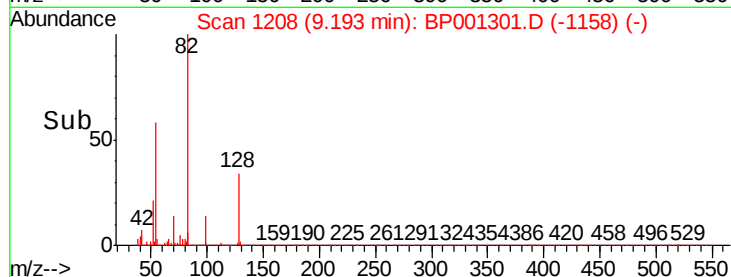
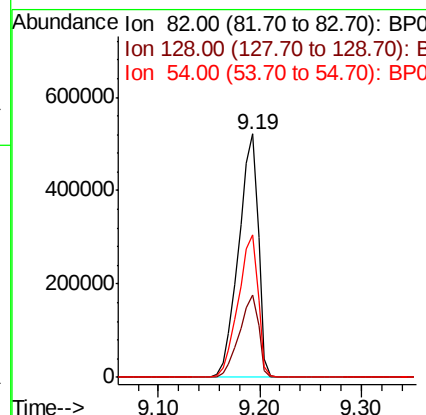
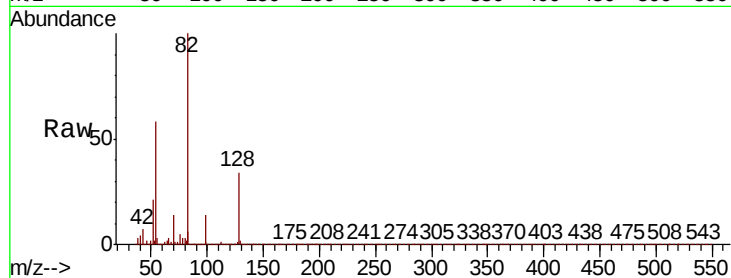




#23
Nitrobenzene-d5
Concen: 122.653 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:24

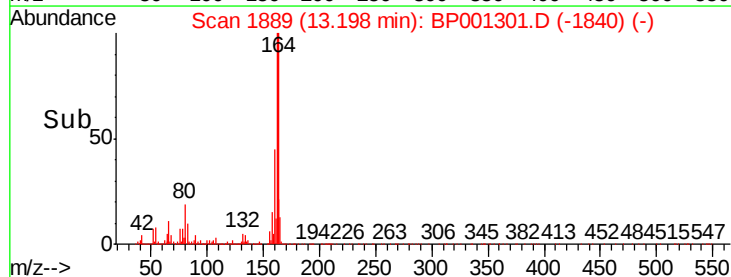
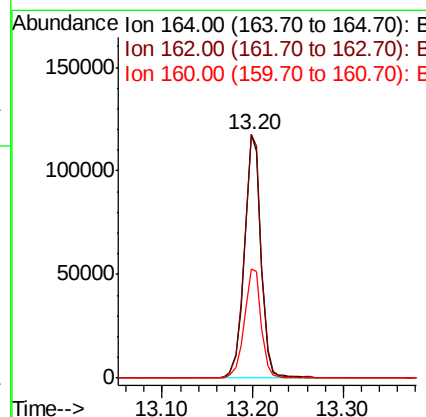
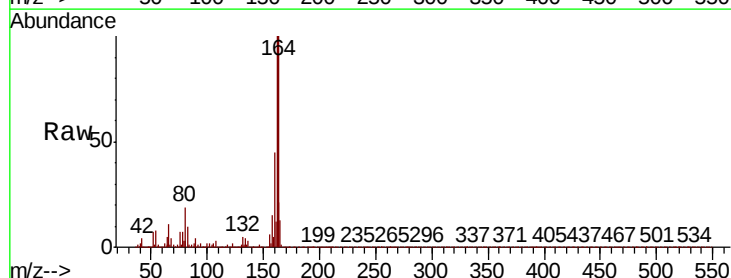
Instrument :
BNA_P
ClientSampleId :
S32-GAC-IDW01

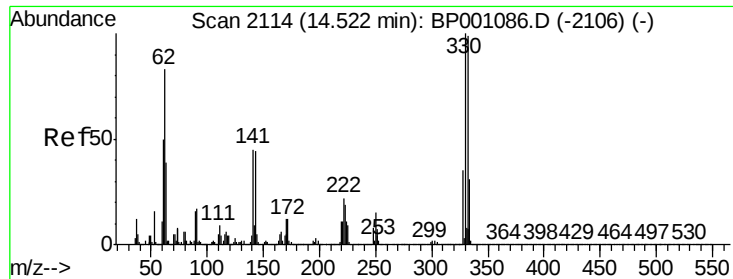
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.5	41.3
54	58.5	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.7	121.1
160	44.7	36.3	54.5

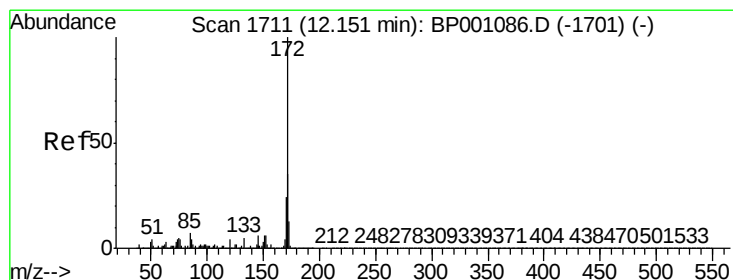
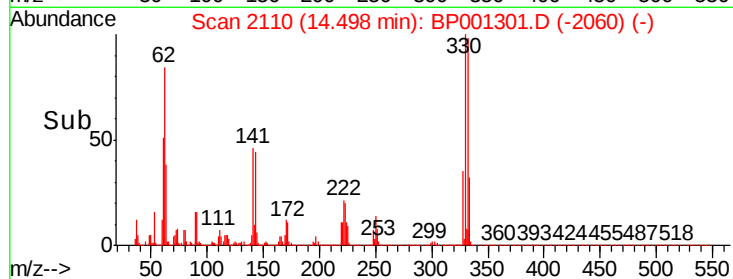
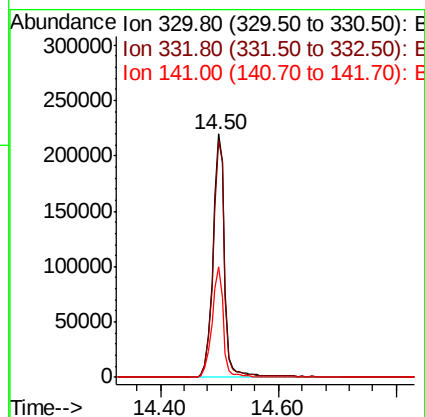
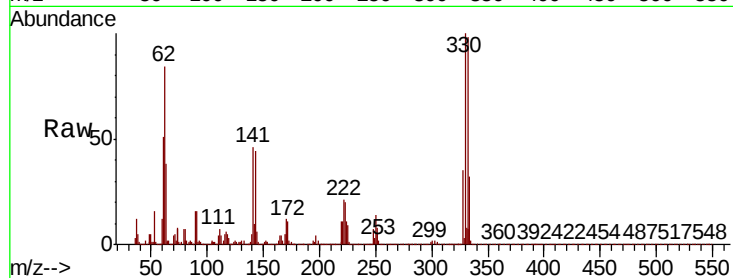




#42
2,4,6-Tribromophenol
Concen: 212.217 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:24

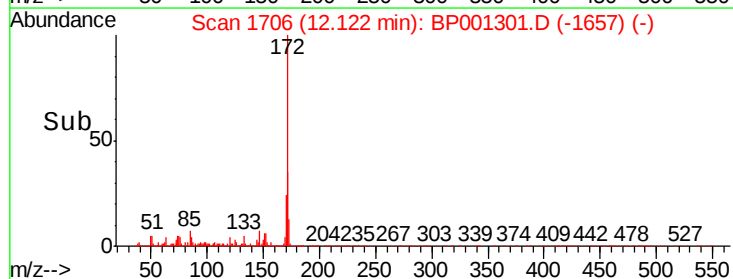
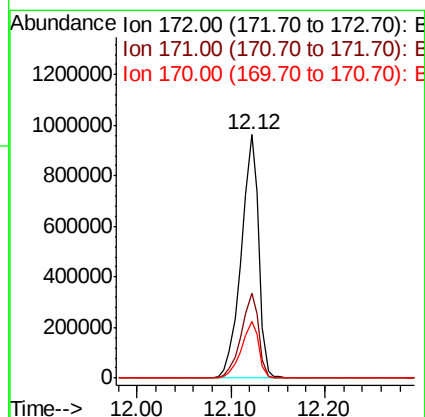
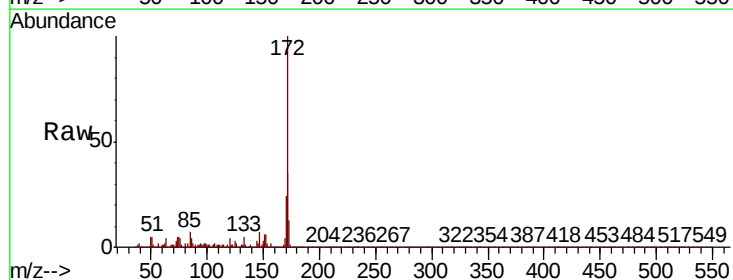
Instrument :
BNA_P
ClientSampleId :
S32-GAC-IDW01

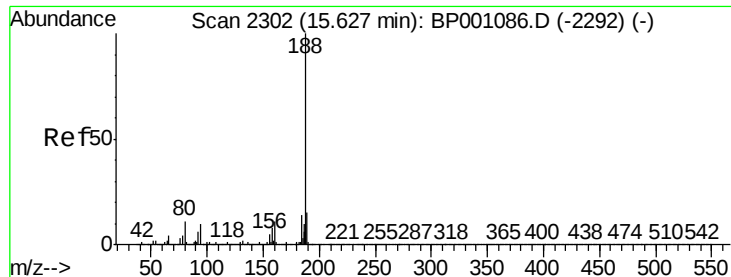
Tot Ion:330 Resp: 305298
Ion Ratio Lower Upper
330 100
332 94.7 79.1 118.7
141 43.4 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 120.994 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:24

Tgt Ion:172 Resp: 1240802
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.5 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: BP001301.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

S32-GAC-IDW01

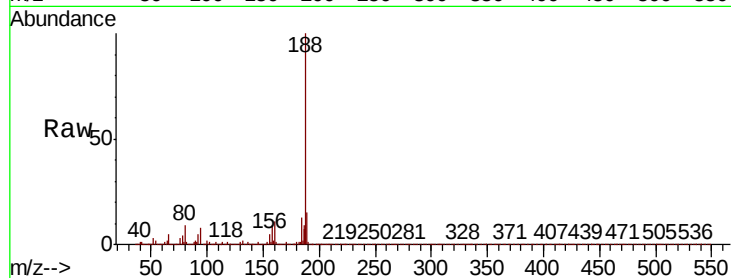
Tot Ion:188 Resp: 298938

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

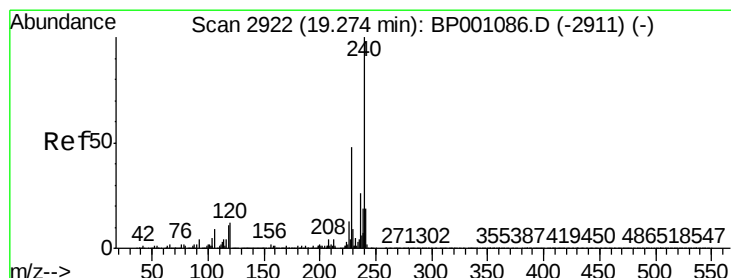
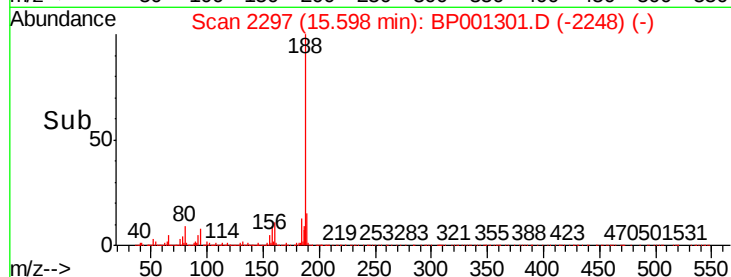
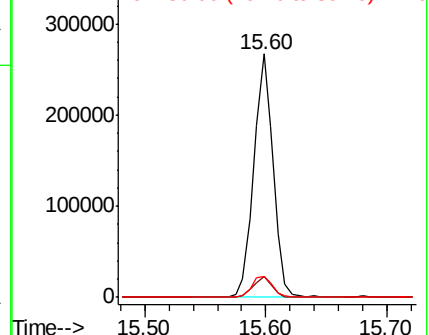
80 8.7 7.8 11.6



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: BP001301.D

Acq: 10 Dec 2019 18:24

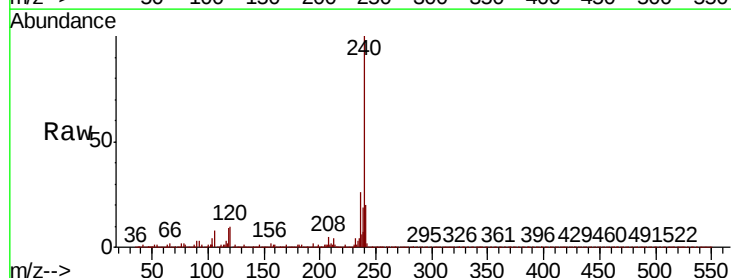
Tgt Ion:240 Resp: 223737

Ion Ratio Lower Upper

240 100

120 9.9 7.0 10.6

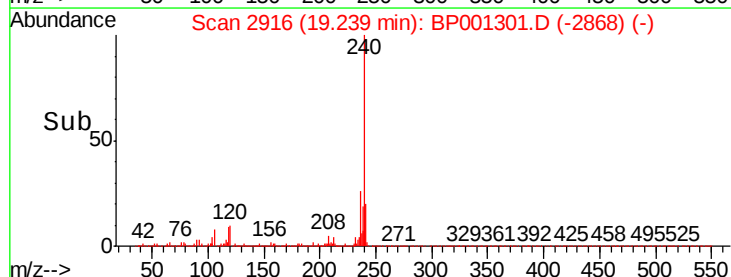
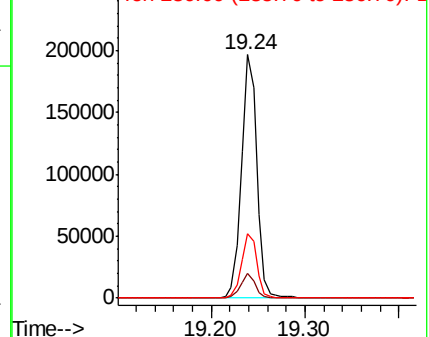
236 26.3 21.7 32.5

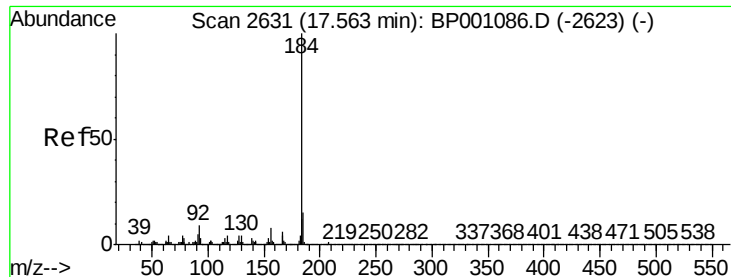


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 75.027 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

S32-GAC-IDW01

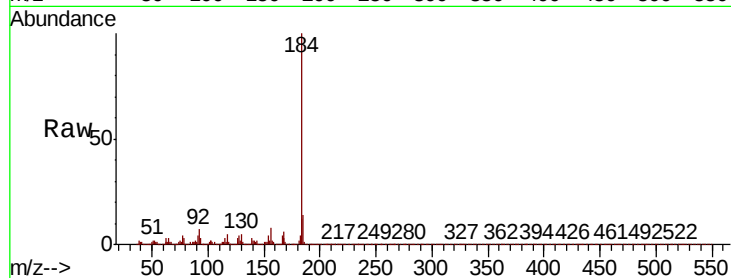
Tot Ion:184 Resp: 433409

Ion Ratio Lower Upper

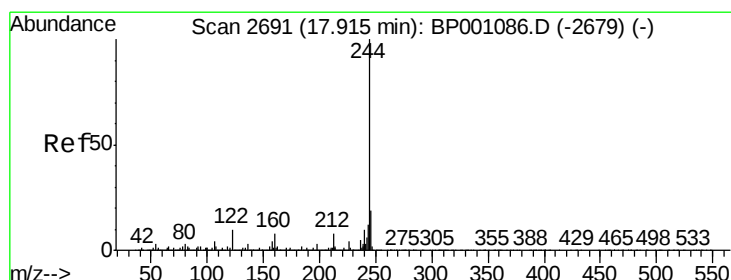
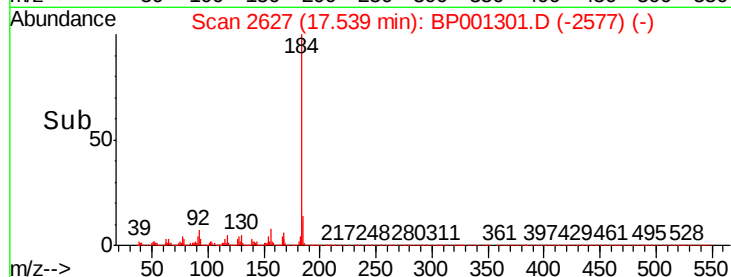
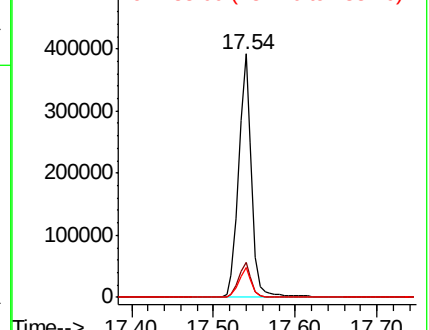
184 100

185 14.3 11.4 17.0

183 12.3 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 132.359 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:24

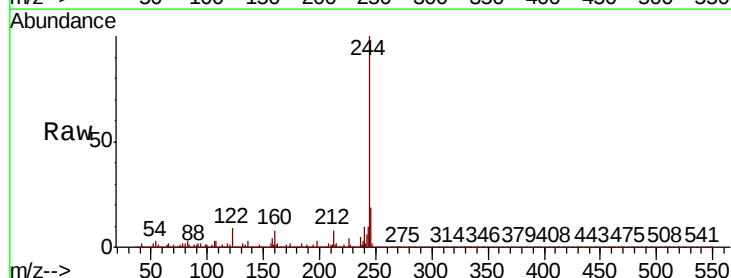
Tgt Ion:244 Resp: 1600659

Ion Ratio Lower Upper

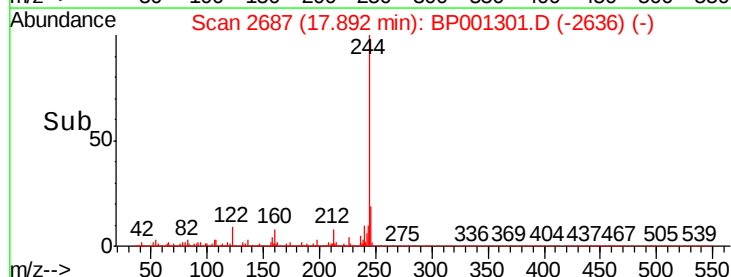
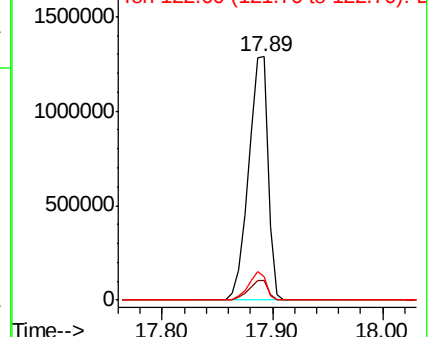
244 100

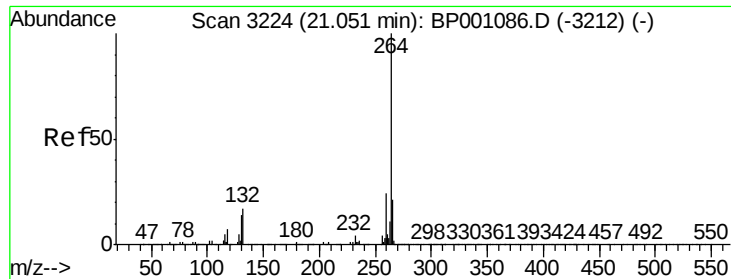
212 8.0 6.6 9.8

122 9.4 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
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:24

Instrument :
BNA_P
ClientSampleId :
S32-GAC-IDW01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.0	17.1	25.7

