

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001362.D
 Acq On : 23 Dec 2019 12:40
 Operator : JU
 Sample : PB125644BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125644BL

Quant Time: Dec 23 14:14:28 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	57861	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	208014	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	122729	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	240459	20.00	ng	0.00
76) Chrysene-d12	19.25	240	197191	20.00	ng	0.00
87) Perylene-d12	21.03	264	209950	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	475912	132.93	ng	0.02
7) Phenol-d6	7.76	99	637953	136.56	ng	0.01
23) Nitrobenzene-d5	9.19	82	453711	83.76	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	199864	130.26	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	805214	82.96	ng	0.00
79) Terphenyl-d14	17.89	244	1070145	92.95	ng	0.00

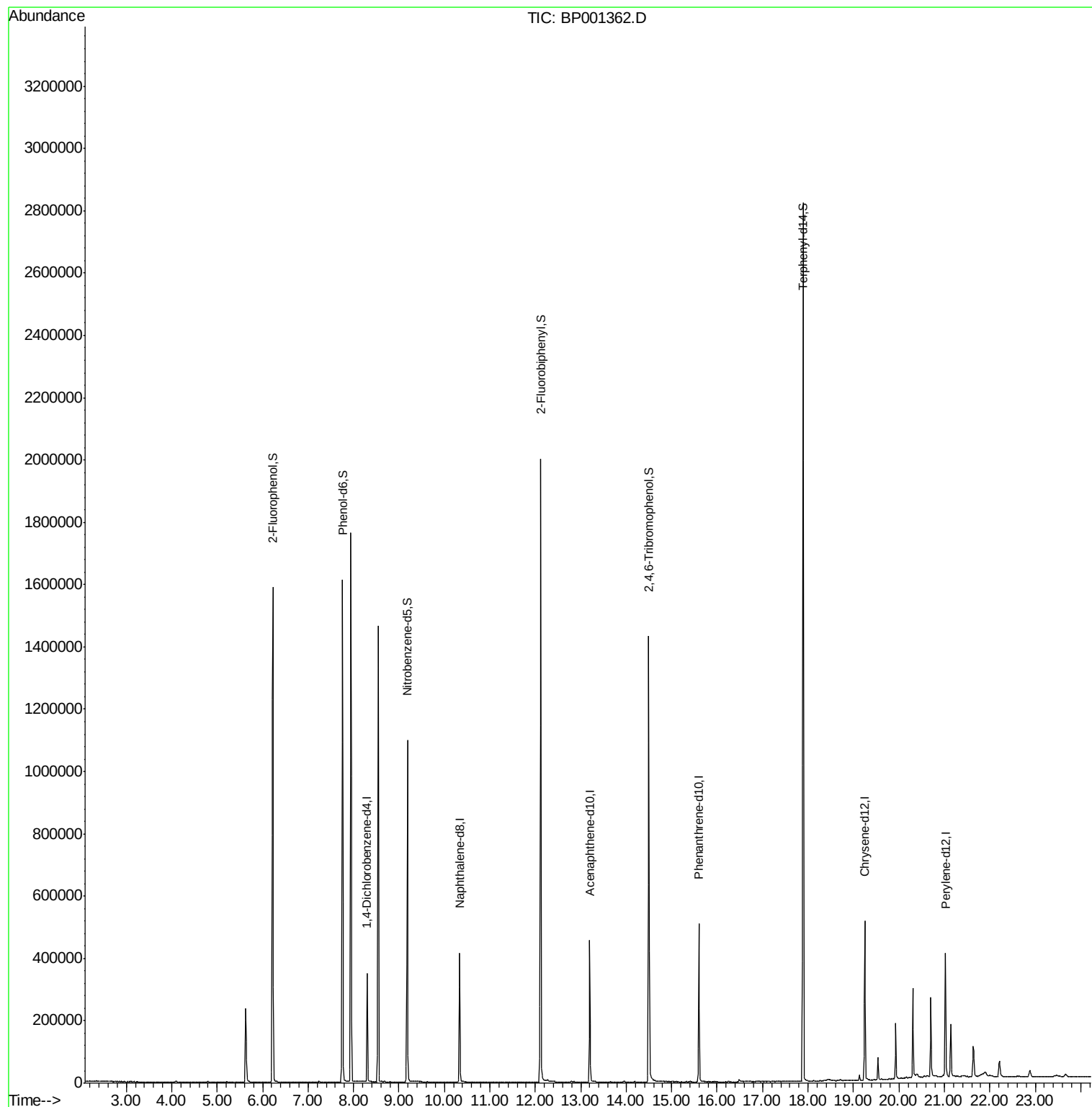
Target Compounds Qvalue

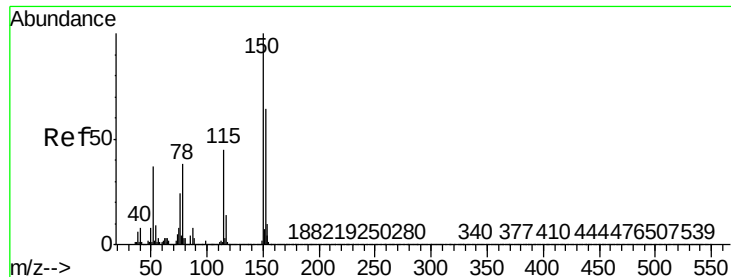
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001362.D
Acq On : 23 Dec 2019 12:40
Operator : JU
Sample : PB125644BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125644BL

Quant Time: Dec 23 14:14:28 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BP001362.D

Acq: 23 Dec 2019 12:40

Instrument :

BNA_P

ClientSampleId :

PB125644BL

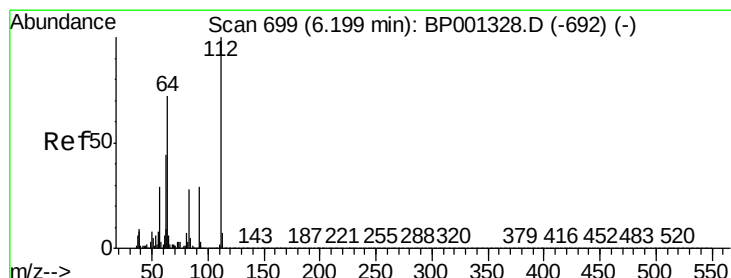
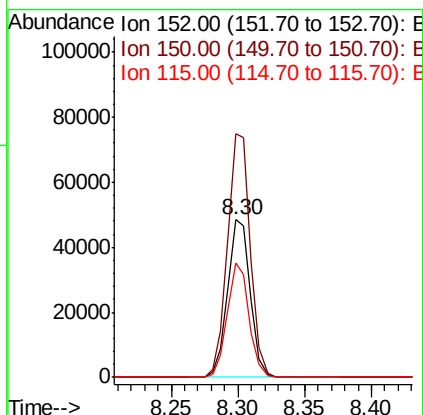
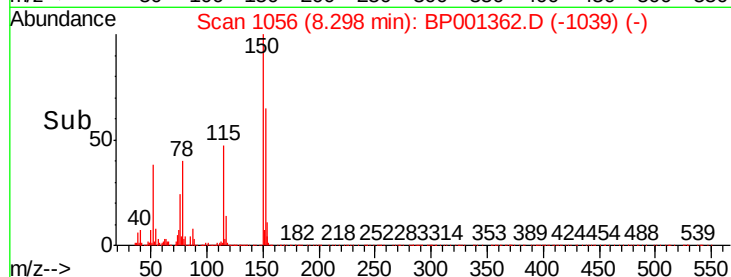
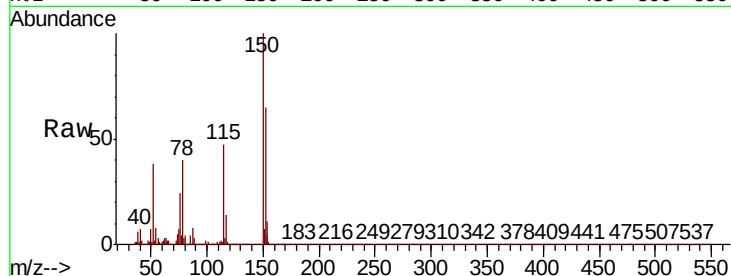
Tot Ion:152 Resp: 57861

Ion Ratio Lower Upper

152 100

150 154.3 124.0 186.0

115 72.1 59.3 88.9



#5

2-Fluorophenol

Concen: 132.933 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BP001362.D

Acq: 23 Dec 2019 12:40

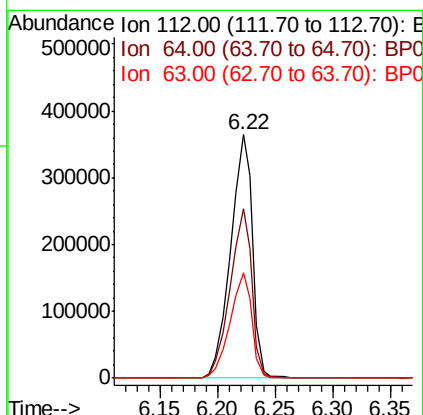
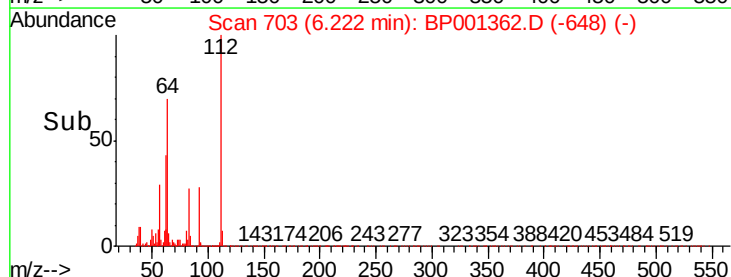
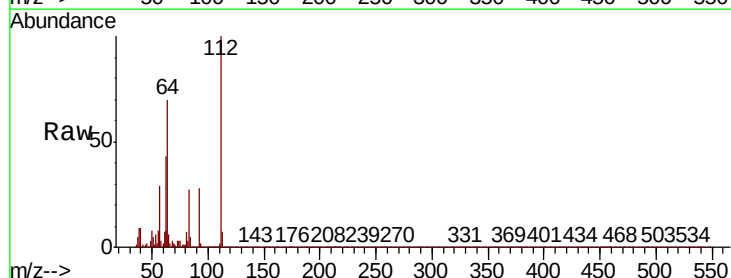
Tgt Ion:112 Resp: 475912

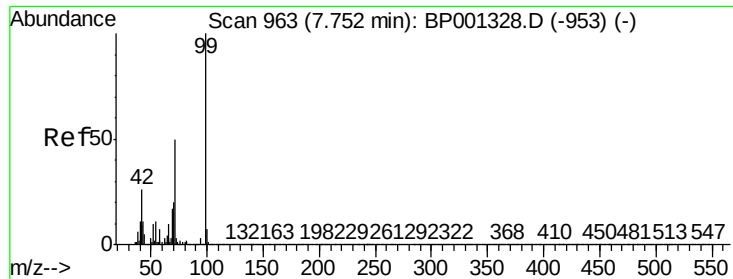
Ion Ratio Lower Upper

112 100

64 69.7 57.6 86.4

63 43.3 35.1 52.7





#7

Phenol-d6

Concen: 136.561 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001362.D

Acq: 23 Dec 2019 12:40

Instrument :

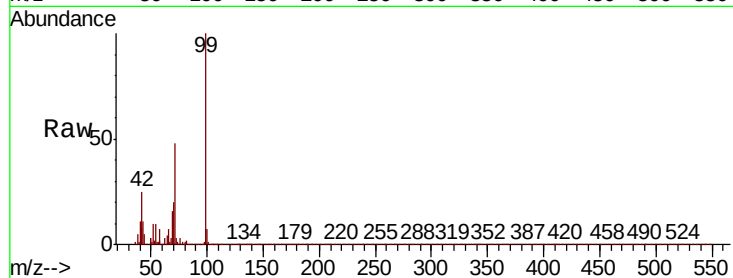
BNA_P

ClientSampleId :

PB125644BL

Tot Ion: 99 Resp: 637953

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.9	31.3
71	47.9	40.0	60.0

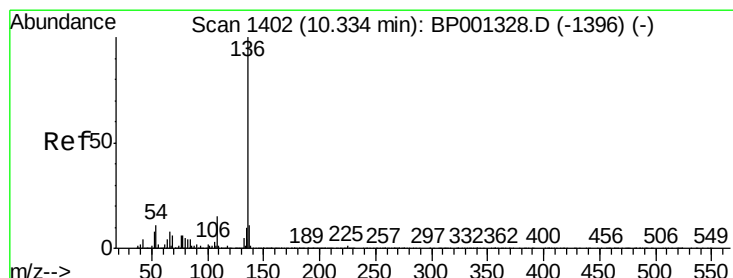
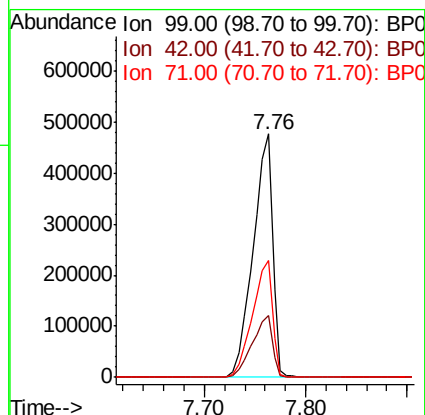
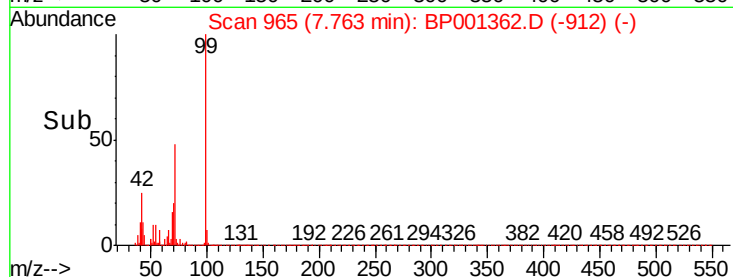


Abundance

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

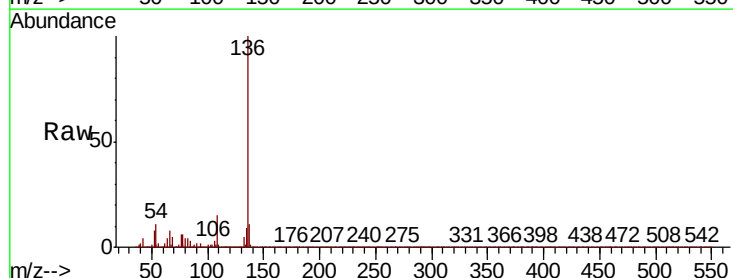
Delta R.T. -0.00 min

Lab File: BP001362.D

Acq: 23 Dec 2019 12:40

Tgt Ion: 136 Resp: 208014

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.5	8.8	13.2
68	5.5	4.6	6.8



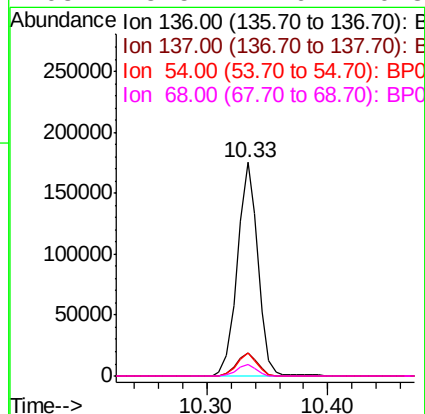
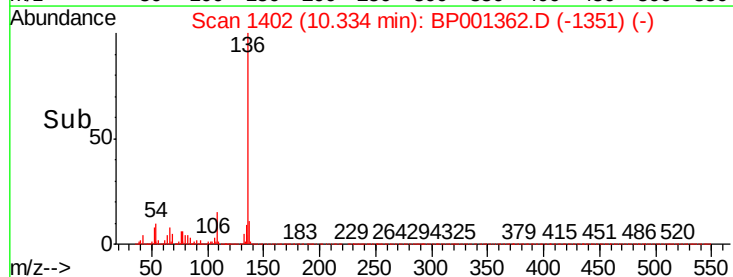
Abundance

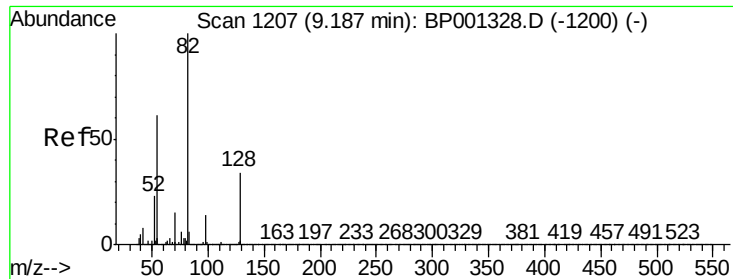
Ion 136.00 (135.70 to 136.70): E

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

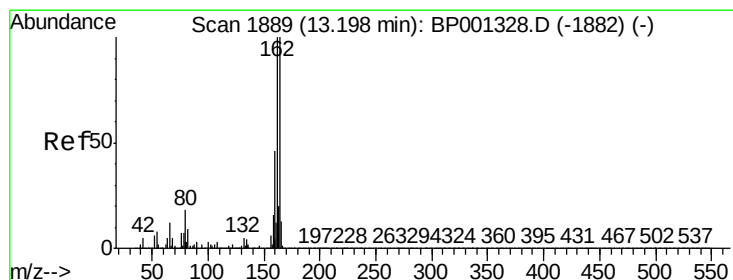
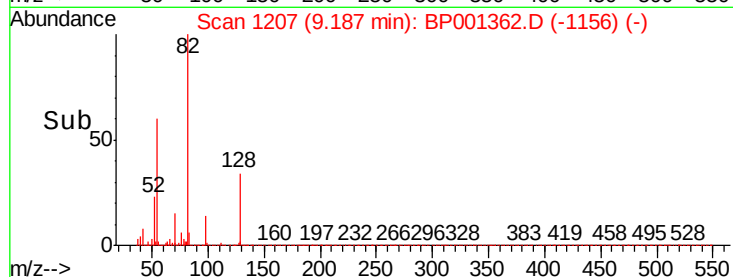
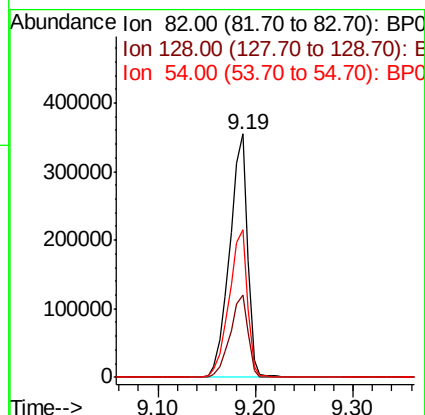
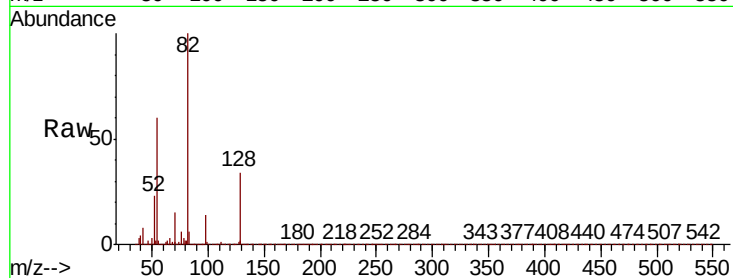




#23
Nitrobenzene-d5
Concen: 83.759 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BP001362.D
Acq: 23 Dec 2019 12:40

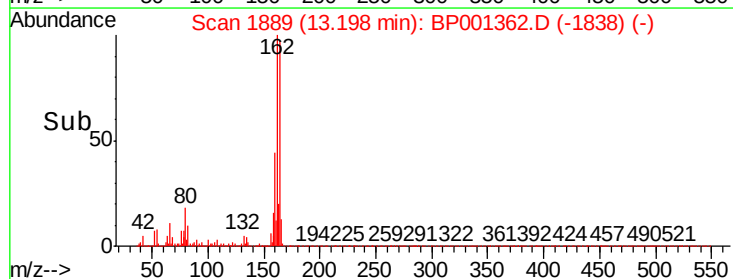
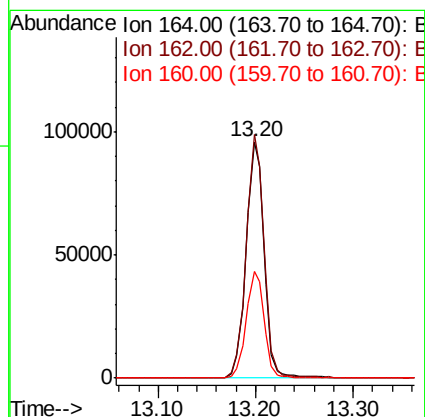
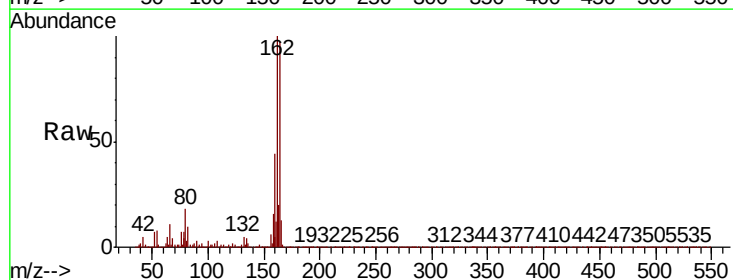
Instrument :
BNA_P
ClientSampleId :
PB125644BL

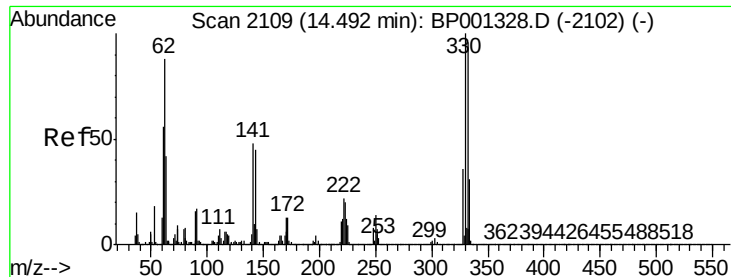
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.0	27.0	40.4
54	60.5	49.0	73.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BP001362.D
Acq: 23 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.3	120.5
160	45.0	36.6	54.8

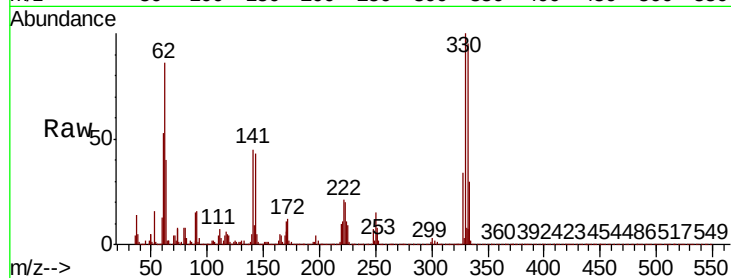




#42
2,4,6-Tribromophenol
Concen: 130.256 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001362.D
Acq: 23 Dec 2019 12:40

Instrument :
BNA_P
ClientSampleId :
PB125644BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.7	118.1
141	44.0	36.2	54.4

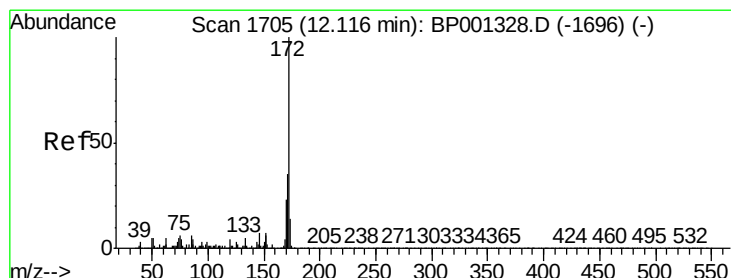
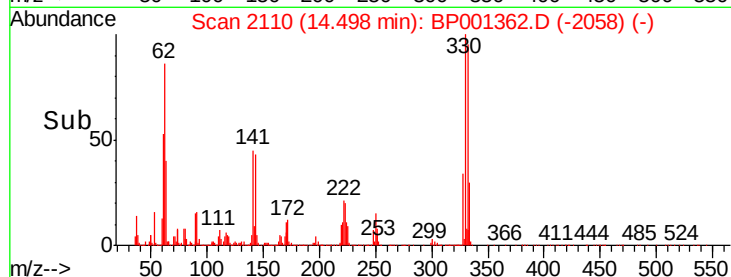
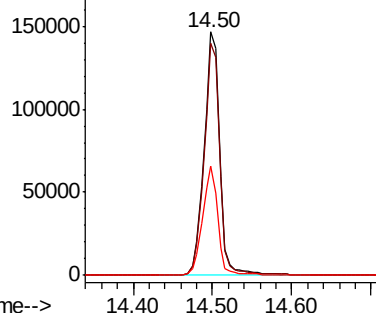


Abundance

Ion 329.80 (329.50 to 330.50): E

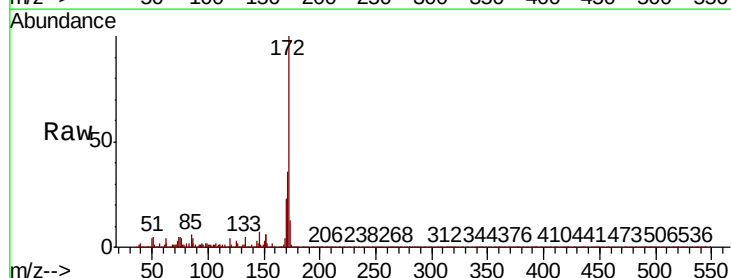
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 82.962 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001362.D
Acq: 23 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.7	41.5
170	23.1	18.6	28.0

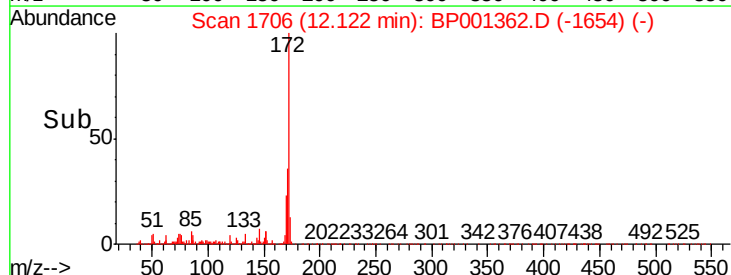
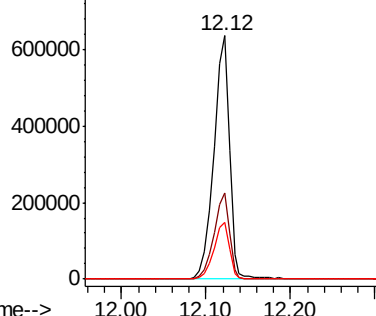


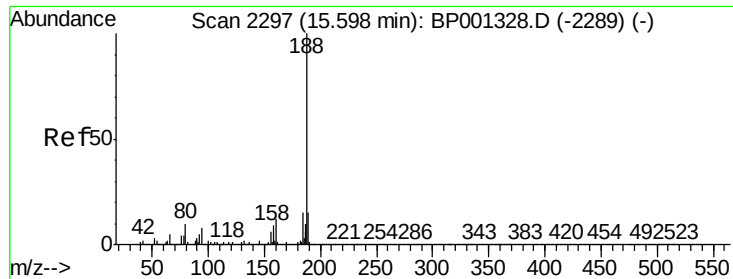
Abundance

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: BP001362.D

Acq: 23 Dec 2019 12:40

Instrument :

BNA_P

ClientSampleId :

PB125644BL

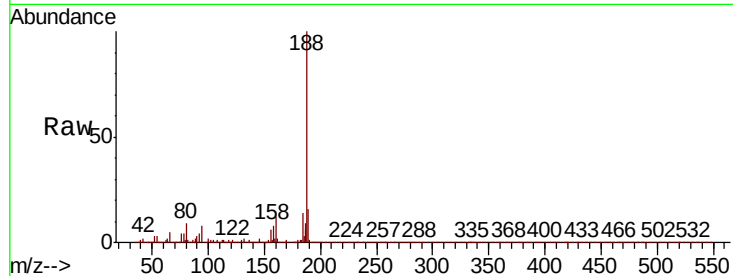
Tot Ion:188 Resp: 240459

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

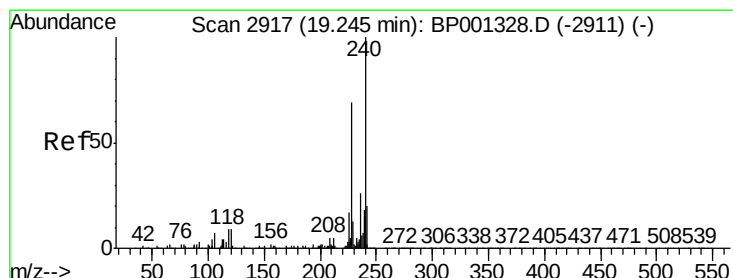
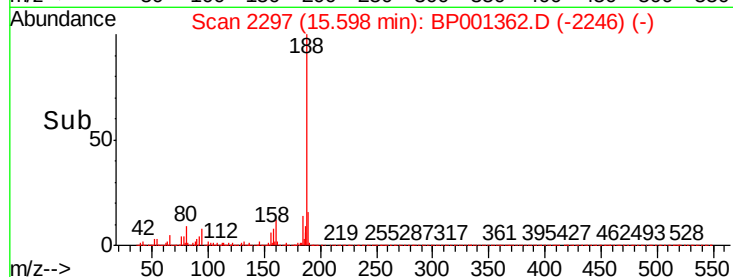
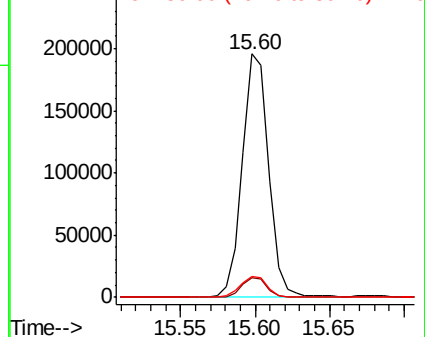
80 8.8 7.8 11.6



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# 2918

Delta R.T. 0.01 min

Lab File: BP001362.D

Acq: 23 Dec 2019 12:40

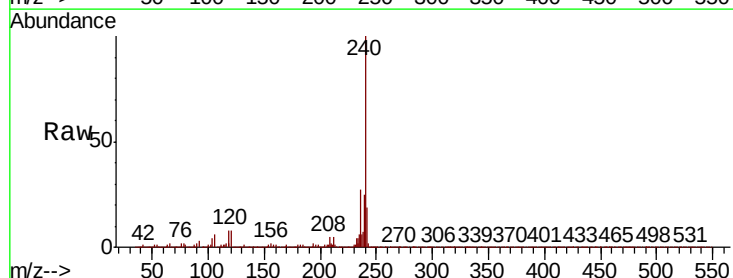
Tgt Ion:240 Resp: 197191

Ion Ratio Lower Upper

240 100

120 7.9 7.6 11.4

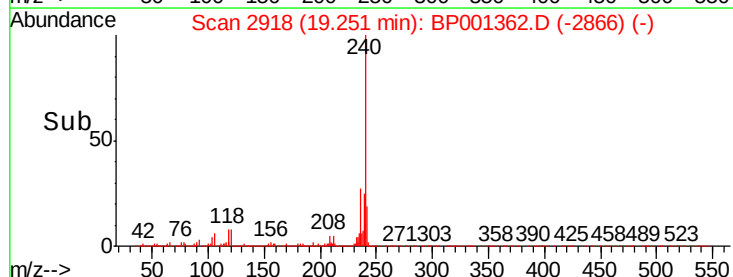
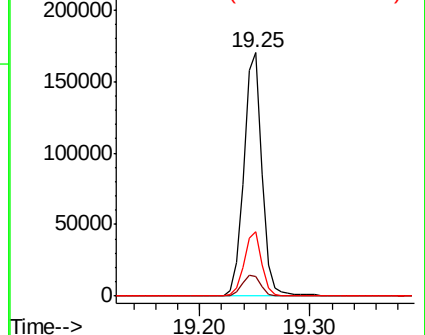
236 26.7 21.0 31.4

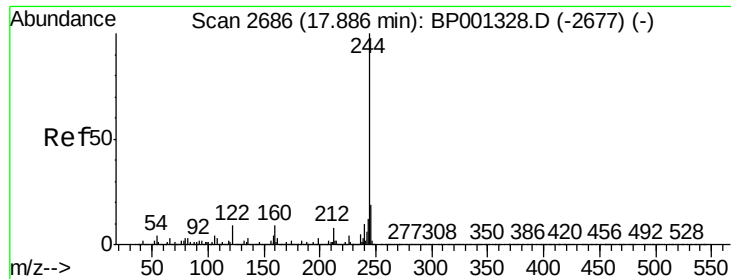


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.951 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BP001362.D

Acq: 23 Dec 2019 12:40

Instrument :

BNA_P

ClientSampleId :

PB125644BL

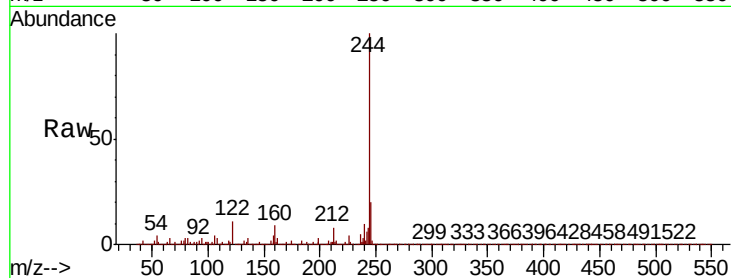
Tot Ion:244 Resp: 1070145

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

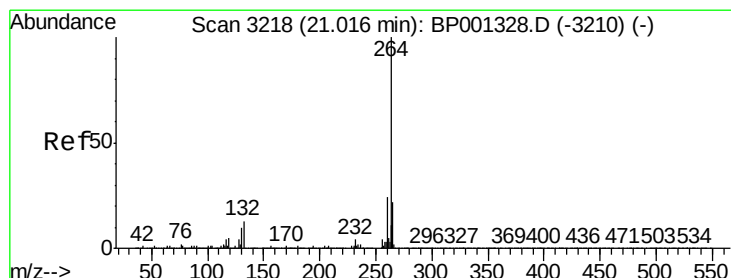
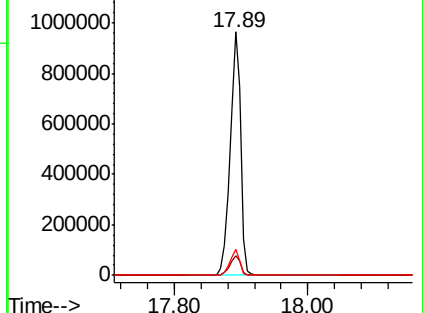
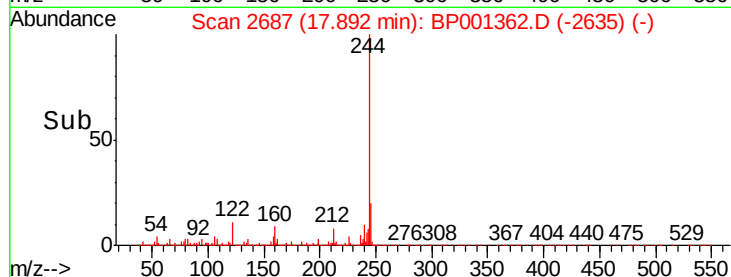
122 10.6 7.6 11.4



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: 21.03 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BP001362.D

Acq: 23 Dec 2019 12:40

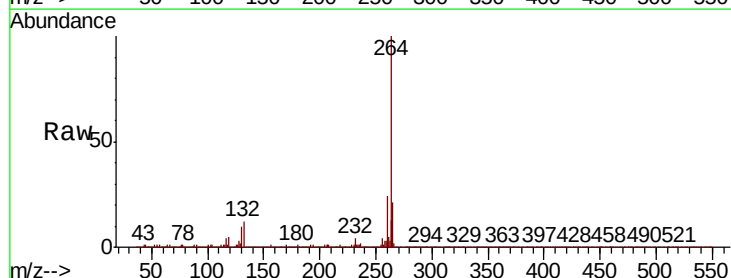
Tgt Ion:264 Resp: 209950

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.0 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

