

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001112.D
 Acq On : 28 Nov 2019 07:18
 Operator : JU
 Sample : PB125122TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125122TB

Quant Time: Nov 28 07:49:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

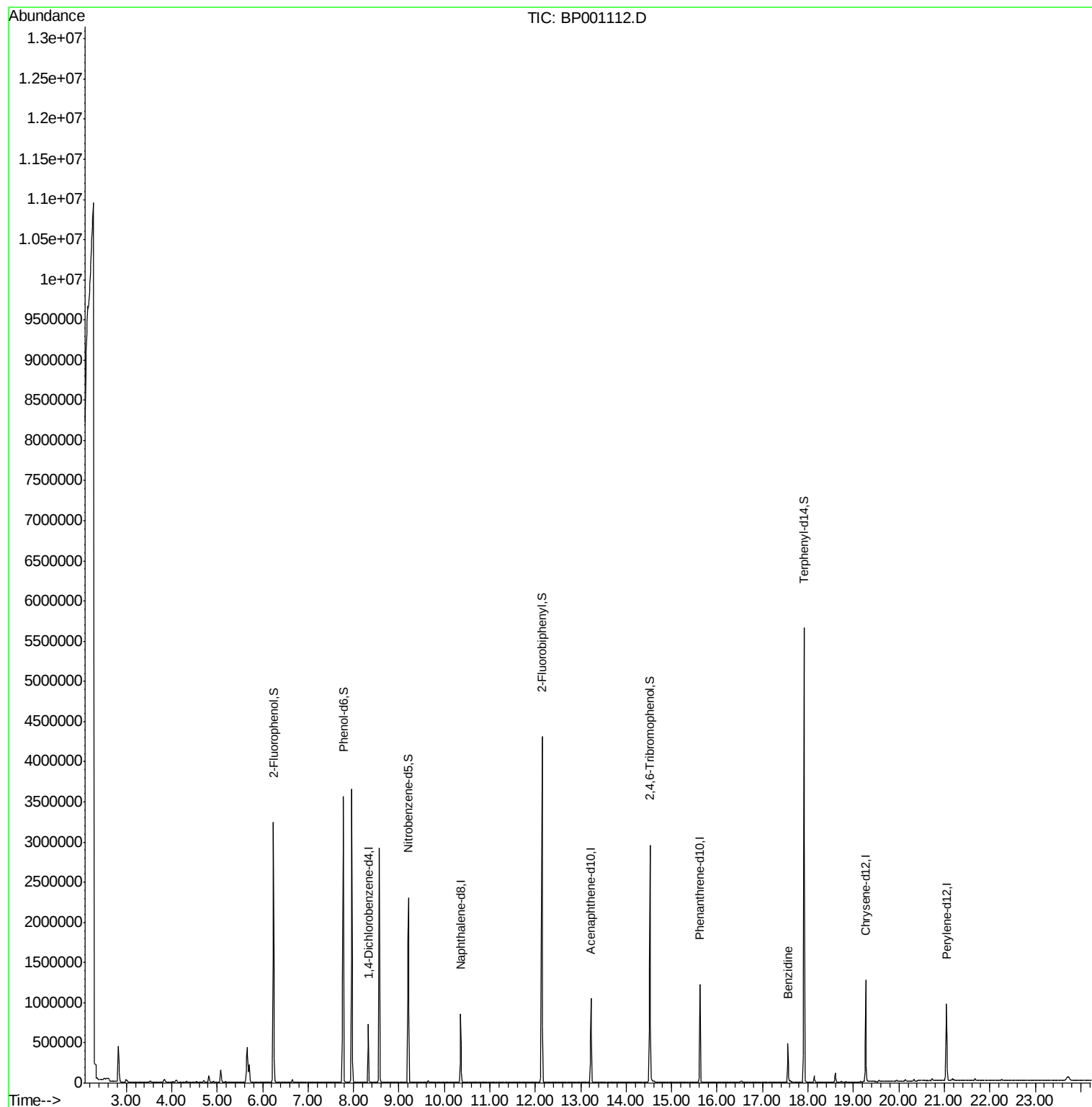
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	137819	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	514161	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	293740	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	571545	20.00	ng	0.00
76) Chrysene-d12	19.27	240	456721	20.00	ng	0.00
87) Perylene-d12	21.04	264	487992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	1209846	145.64	ng	0.01
7) Phenol-d6	7.78	99	1566292	141.53	ng	0.00
23) Nitrobenzene-d5	9.20	82	1106592	93.38	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	414373	147.18	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1842123	91.78	ng	0.00
79) Terphenyl-d14	17.92	244	2318786	93.93	ng	0.00
Target Compounds						
77) Benzidine	17.56	184	219613	18.624	ng	Qvalue 98

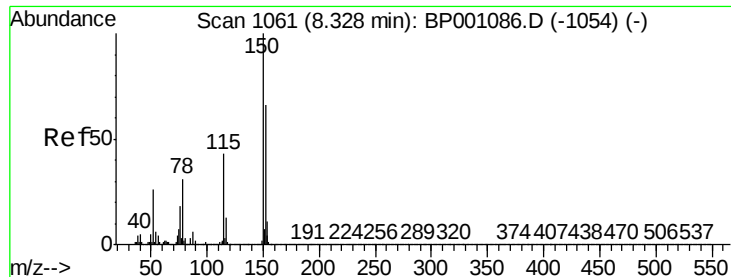
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001112.D

Acq: 28 Nov 2019 07:18

Instrument :

BNA_P

ClientSampleId :

PB125122TB

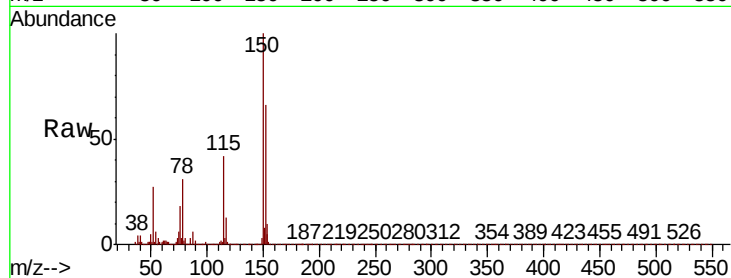
Tot Ion:152 Resp: 137819

Ion Ratio Lower Upper

152 100

150 152.4 120.6 181.0

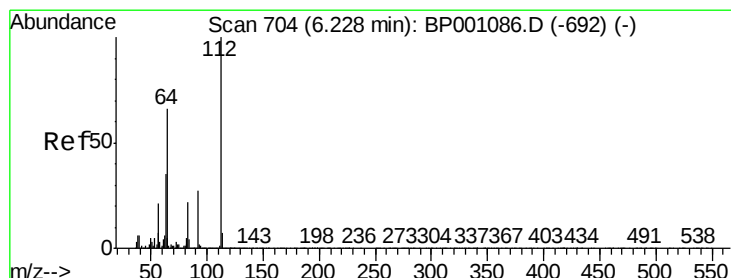
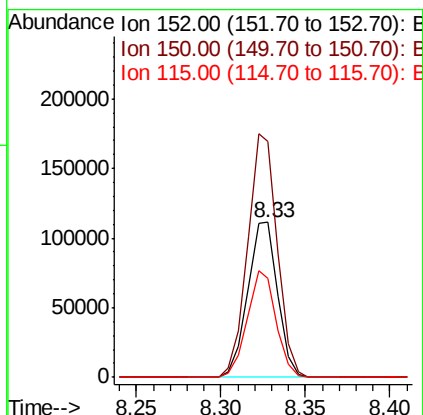
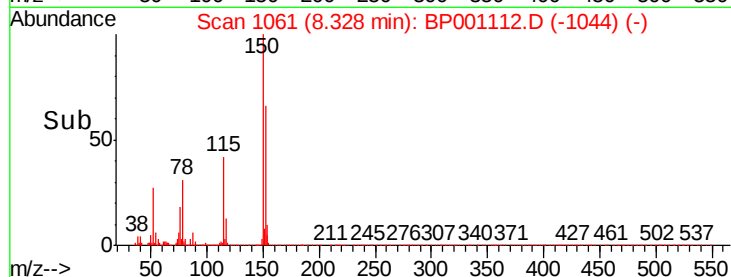
115 64.2 51.6 77.4



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: 145.643 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001112.D

Acq: 28 Nov 2019 07:18

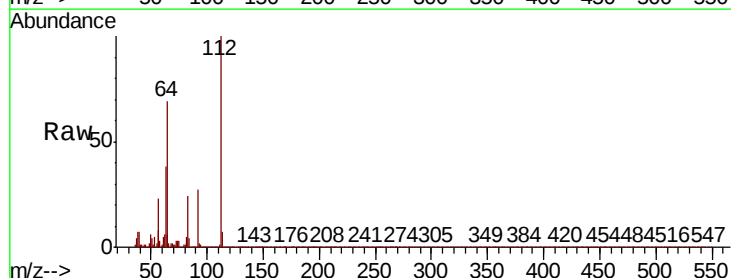
Tgt Ion:112 Resp: 1209846

Ion Ratio Lower Upper

112 100

64 69.1 52.8 79.2

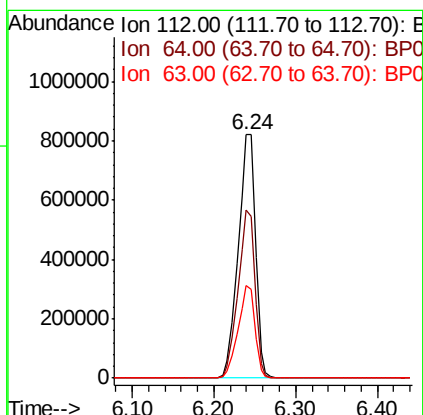
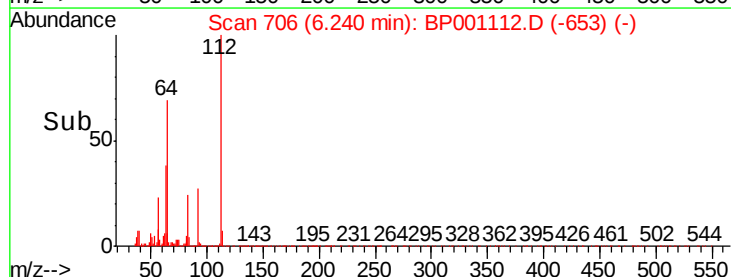
63 38.2 28.2 42.2



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: 141.529 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001112.D

Acq: 28 Nov 2019 07:18

Instrument :

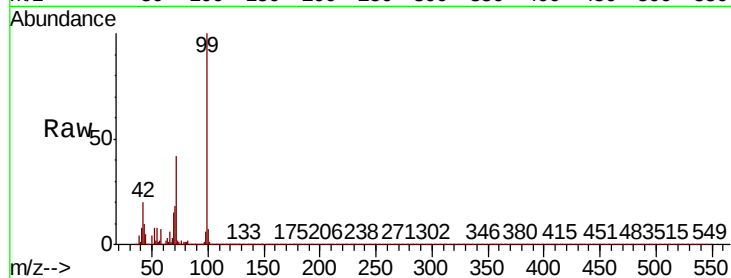
BNA_P

ClientSampleId :

PB125122TB

Tot Ion: 99 Resp: 1566292

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.4	23.0
71	41.5	30.8	46.2



Abundance

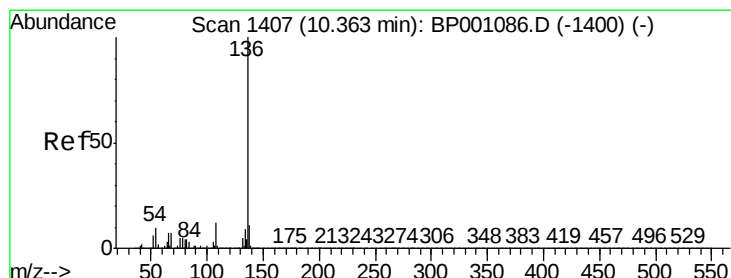
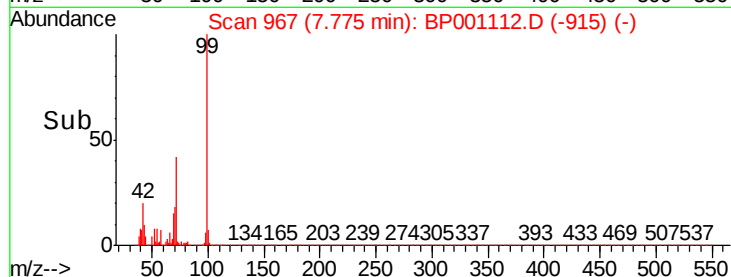
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

7.78

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1406

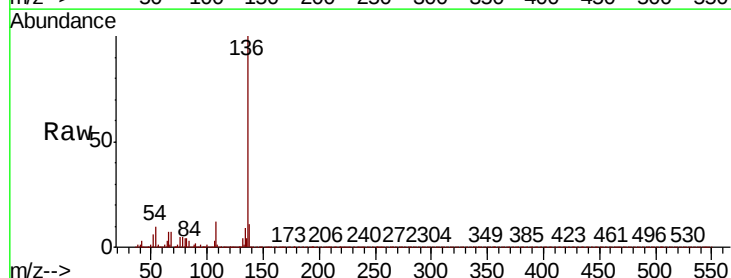
Delta R.T. -0.01 min

Lab File: BP001112.D

Acq: 28 Nov 2019 07:18

Tgt Ion: 136 Resp: 514161

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.2	7.9	11.9
68	7.0	5.6	8.4



Abundance

Ion 136.00 (135.70 to 136.70): E

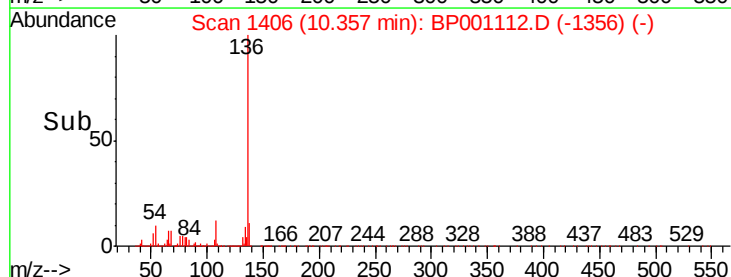
Ion 137.00 (136.70 to 137.70): E

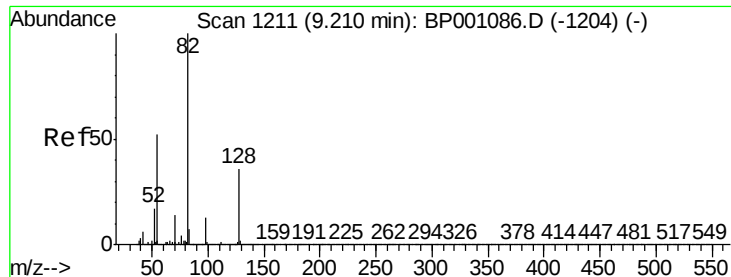
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

10.36

Time-->

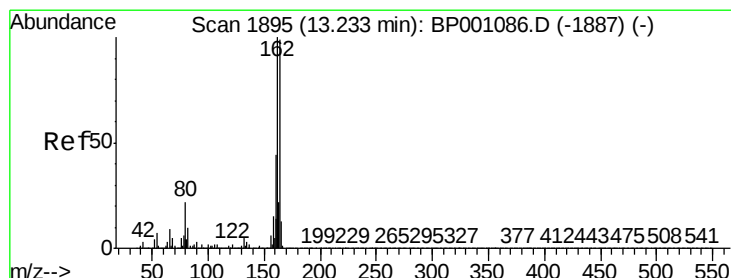
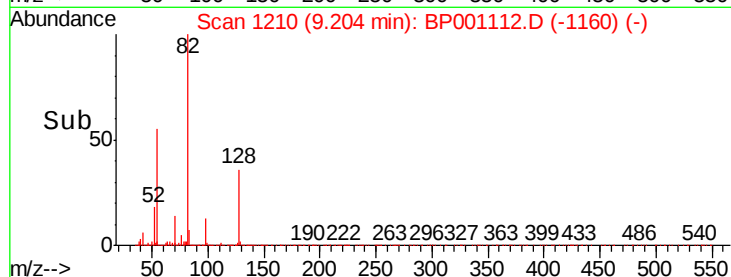
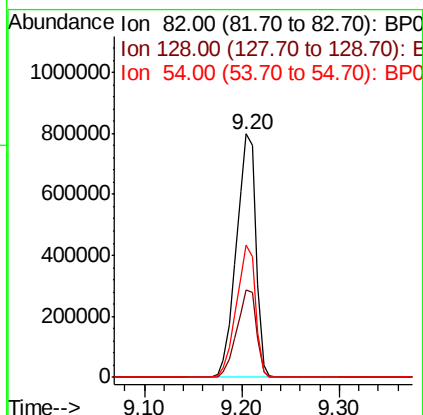
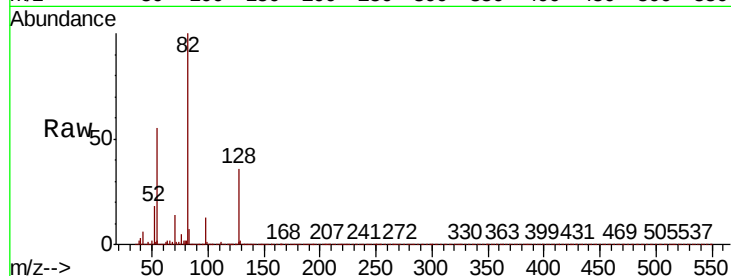




#23
Nitrobenzene-d5
Concen: 93.376 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001112.D
Acq: 28 Nov 2019 07:18

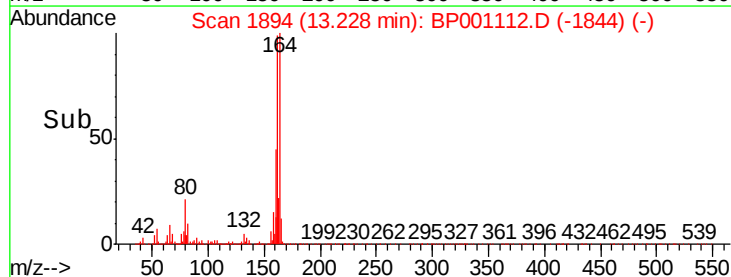
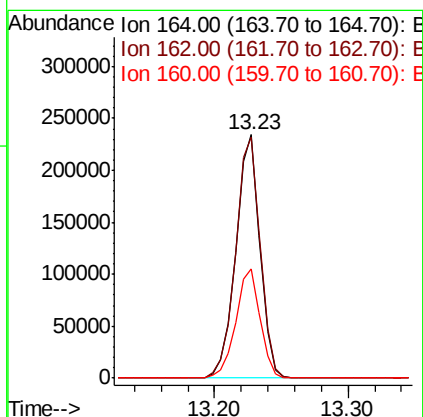
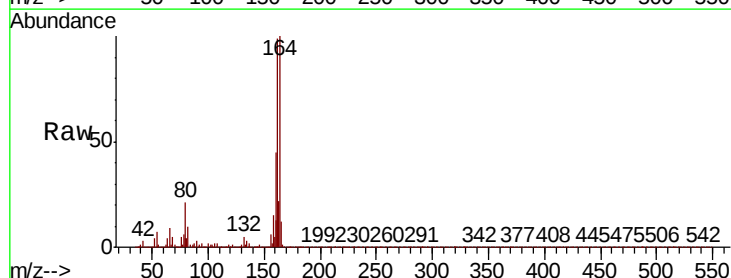
Instrument :
BNA_P
ClientSampleId :
PB125122TB

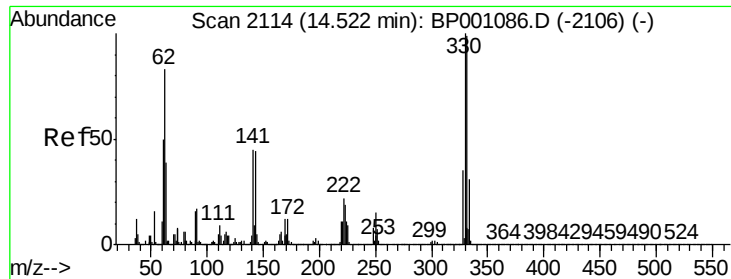
Tot Ion: 82 Resp: 1106592
Ion Ratio Lower Upper
82 100
128 35.7 28.9 43.3
54 54.5 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001112.D
Acq: 28 Nov 2019 07:18

Tgt Ion:164 Resp: 293740
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 44.6 35.4 53.2

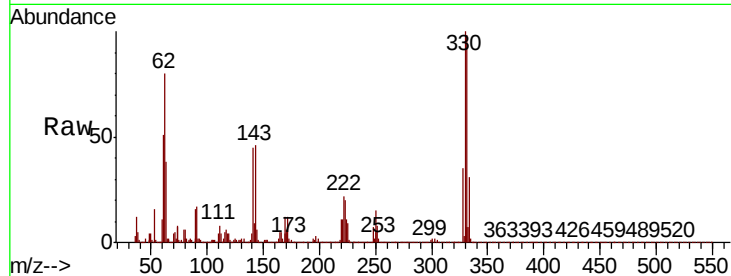




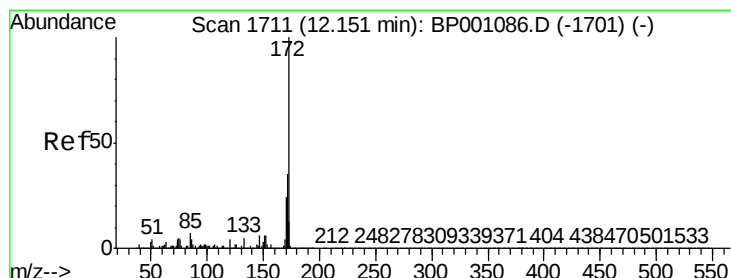
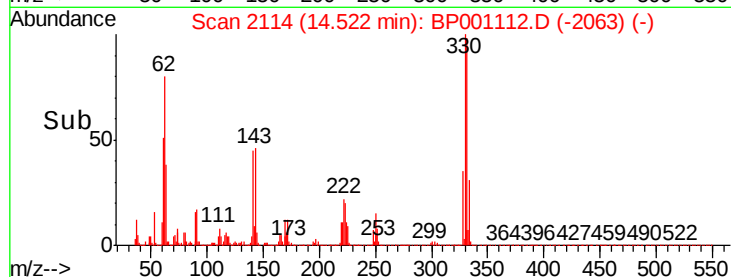
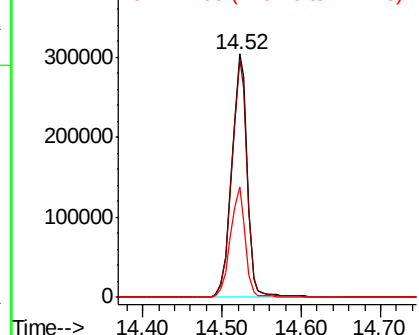
#42
2,4,6-Tribromophenol
Concen: 147.176 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001112.D
Acq: 28 Nov 2019 07:18

Instrument :
BNA_P
ClientSampleId :
PB125122TB

Tot Ion:330 Resp: 414373
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 43.9 34.2 51.2

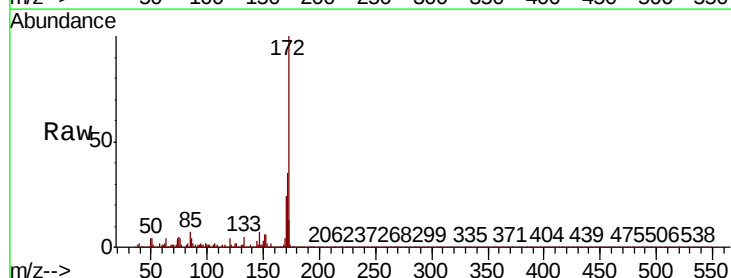


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

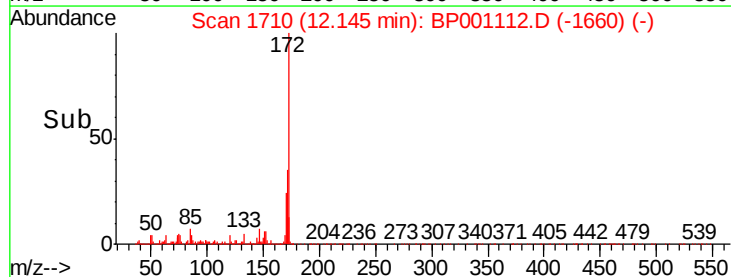
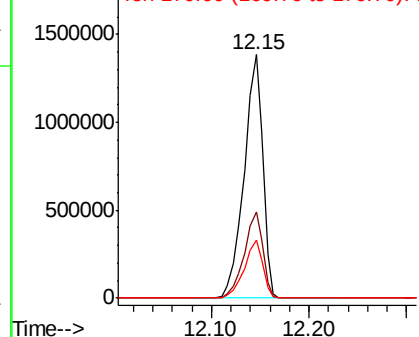


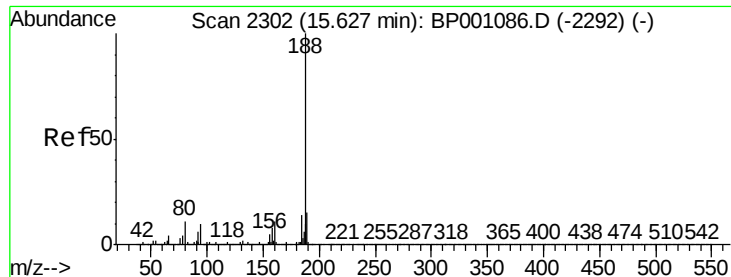
#45
2-Fluorobiphenyl
Concen: 91.785 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001112.D
Acq: 28 Nov 2019 07:18

Tgt Ion:172 Resp: 1842123
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.8 19.0 28.4



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: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BP001112.D

Acq: 28 Nov 2019 07:18

Instrument :

BNA_P

ClientSampleId :

PB125122TB

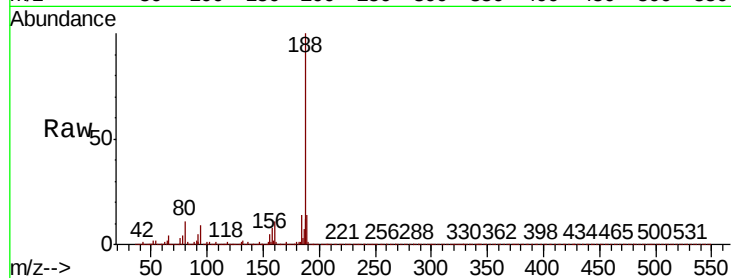
Tot Ion:188 Resp: 571545

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

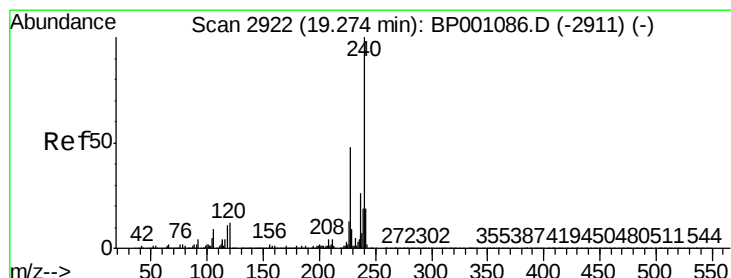
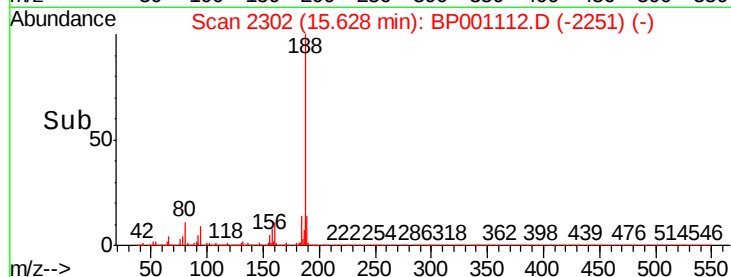
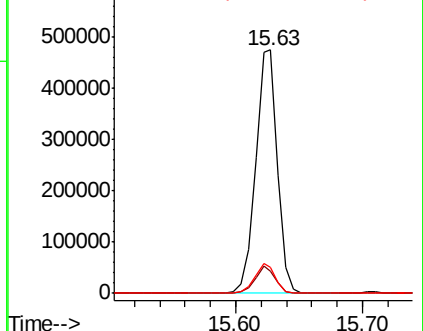
80 10.6 8.8 13.2



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: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001112.D

Acq: 28 Nov 2019 07:18

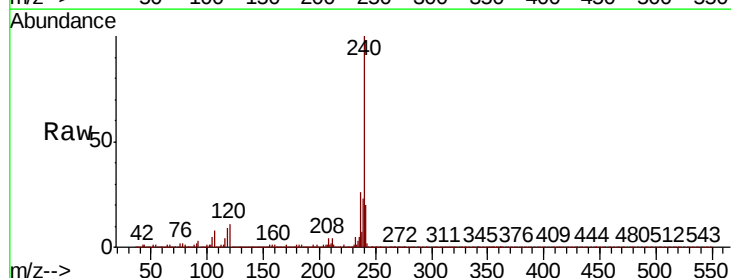
Tgt Ion:240 Resp: 456721

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

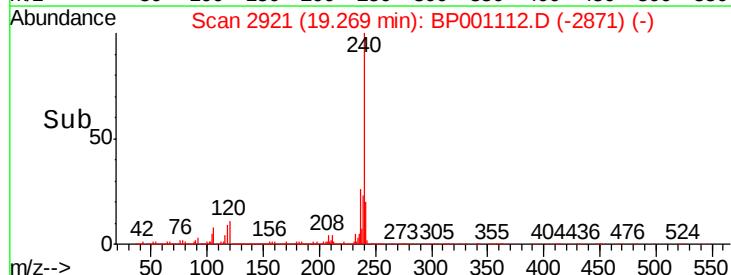
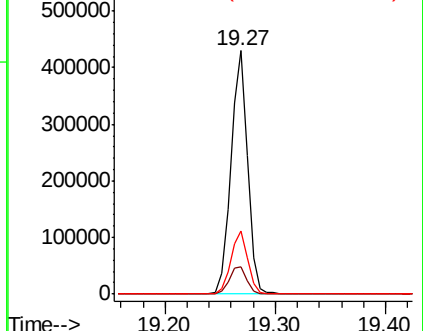
236 25.7 20.4 30.6

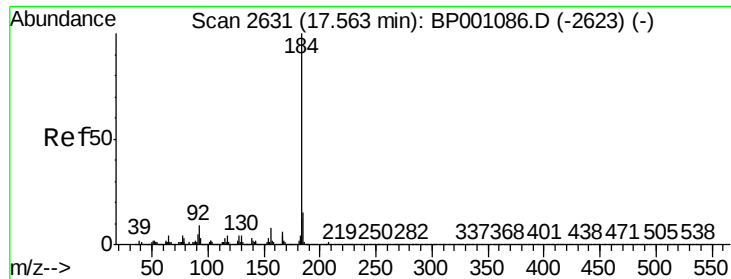


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.624 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BP001112.D

Acq: 28 Nov 2019 07:18

Instrument :

BNA_P

ClientSampleId :

PB125122TB

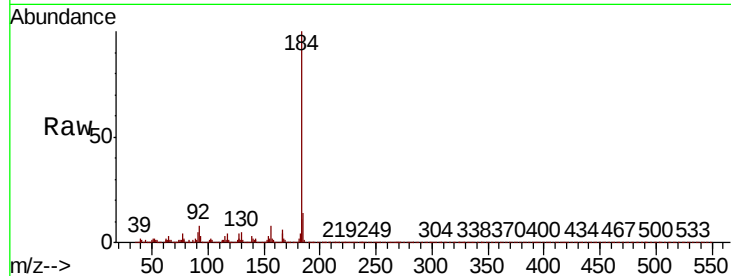
Tot Ion:184 Resp: 219613

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

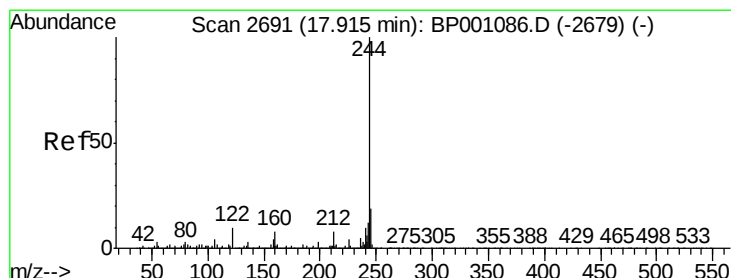
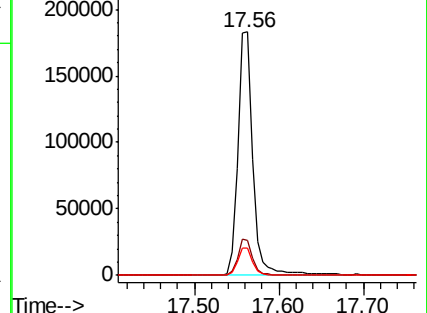
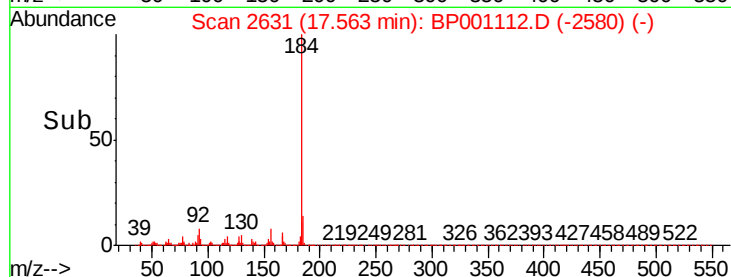
183 11.0 9.3 13.9



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: 93.930 ng

RT: 17.92 min Scan# 2691

Delta R.T. 0.00 min

Lab File: BP001112.D

Acq: 28 Nov 2019 07:18

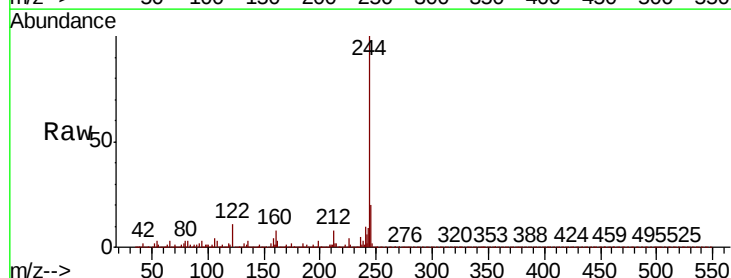
Tgt Ion:244 Resp: 2318786

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

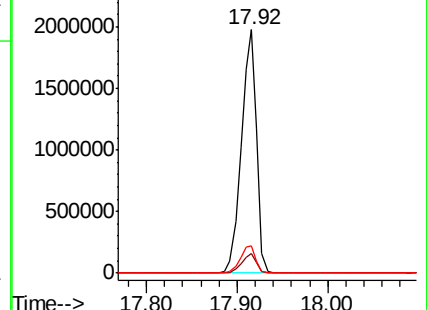
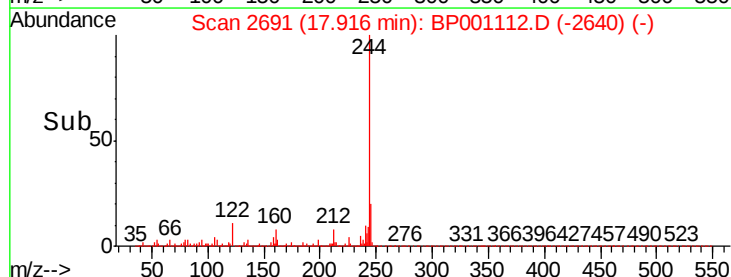
122 11.1 8.2 12.2

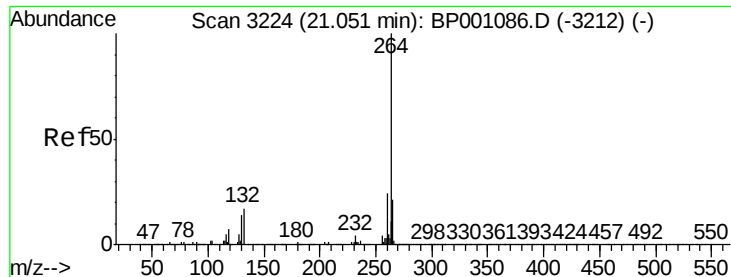


Abundance Ion 244.00 (243.70 to 244.70): E

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: 21.04 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BP001112.D
Acq: 28 Nov 2019 07:18

Instrument :
BNA_P
ClientSampleId :
PB125122TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.4	16.9	25.3

