

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001123.D
 Acq On : 02 Dec 2019 13:45
 Operator : JU
 Sample : PB125188BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125188BL

Quant Time: Dec 02 14:24:41 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	140597	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	529247	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	293784	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	532536	20.00	ng	0.00
76) Chrysene-d12	19.26	240	397784	20.00	ng	-0.01
87) Perylene-d12	21.04	264	426863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	1167986	137.83	ng	0.01
7) Phenol-d6	7.78	99	1595364	141.31	ng	0.00
23) Nitrobenzene-d5	9.21	82	1051087	86.16	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	352630	125.23	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1773519	88.35	ng	0.00
79) Terphenyl-d14	17.91	244	1933217	89.91	ng	0.00

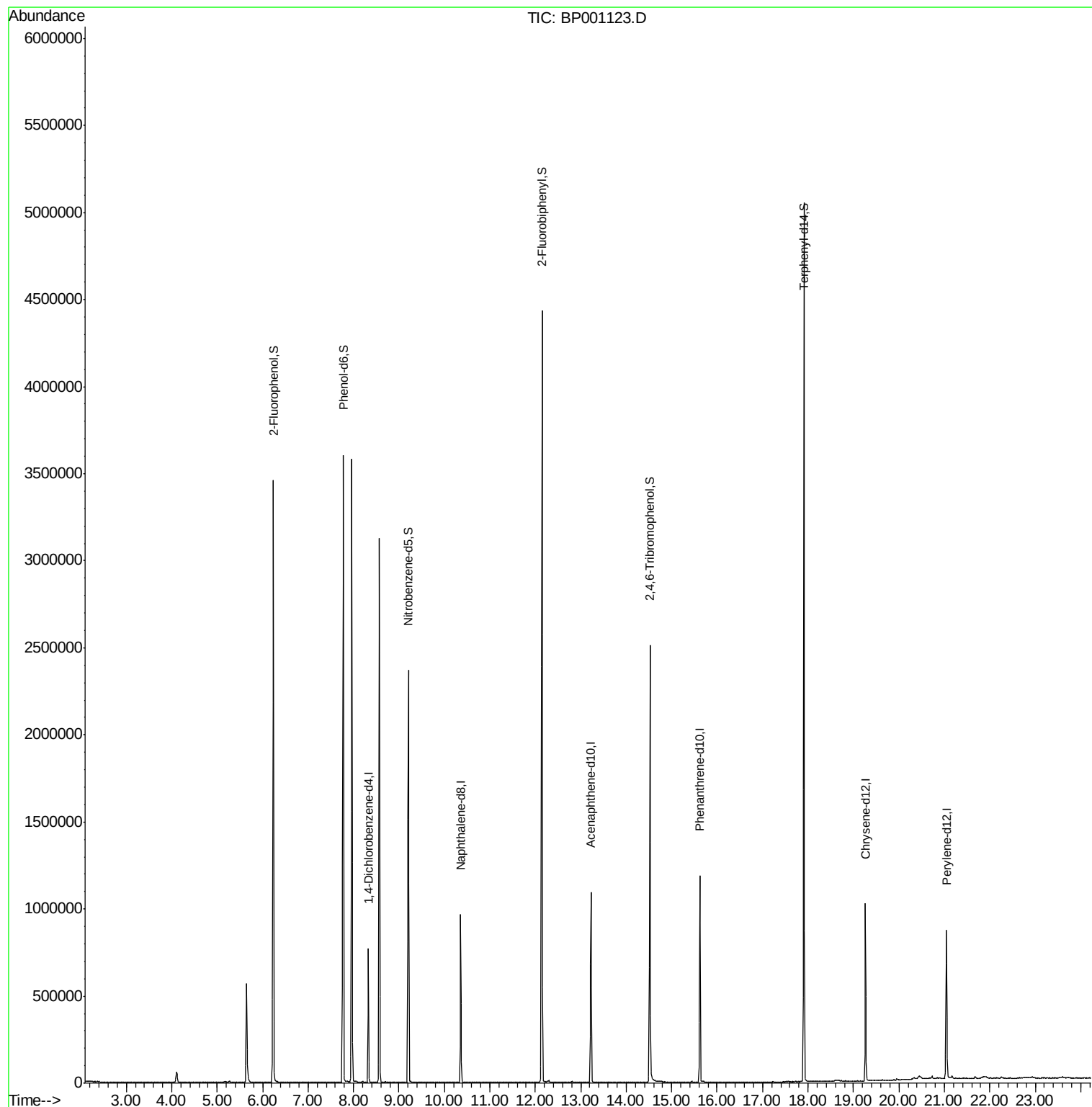
Target Compounds Qvalue

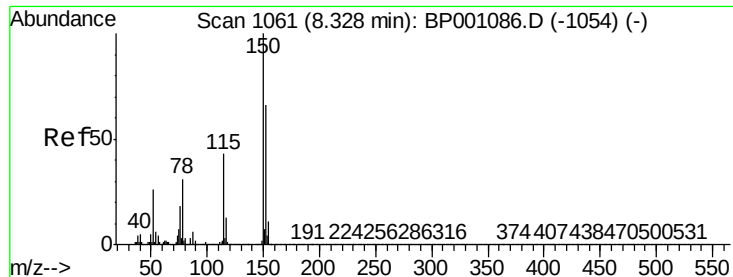
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001123.D

Acq: 02 Dec 2019 13:45

Instrument :

BNA_P

ClientSampleId :

PB125188BL

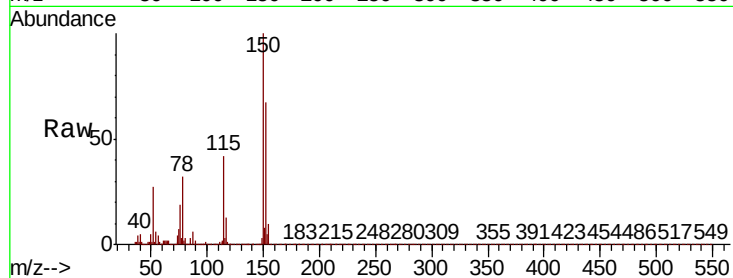
Tot Ion:152 Resp: 140597

Ion Ratio Lower Upper

152 100

150 150.2 120.6 181.0

115 63.1 51.6 77.4

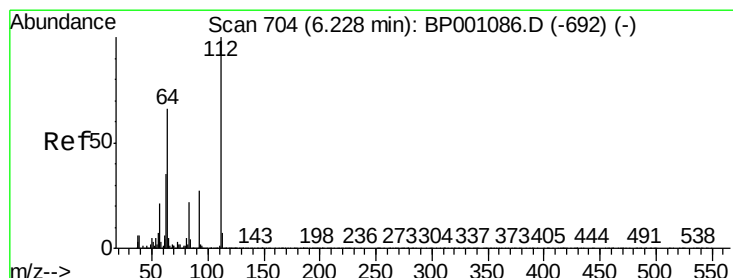
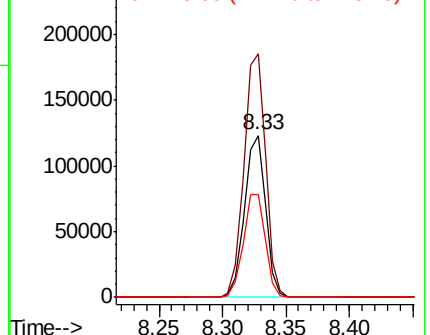
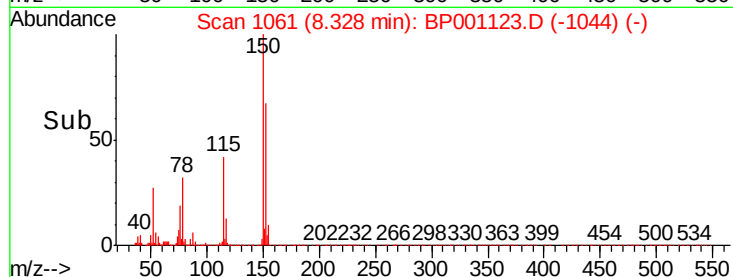


Abundance

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: 137.825 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001123.D

Acq: 02 Dec 2019 13:45

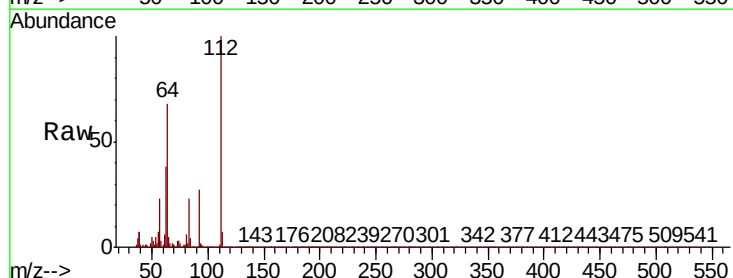
Tgt Ion:112 Resp: 1167986

Ion Ratio Lower Upper

112 100

64 67.8 52.8 79.2

63 37.8 28.2 42.2

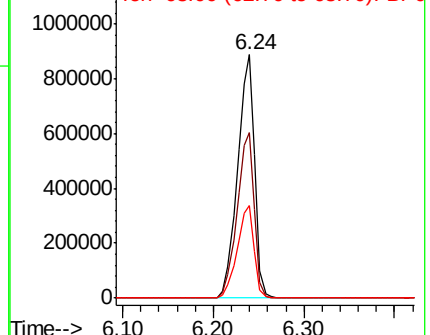
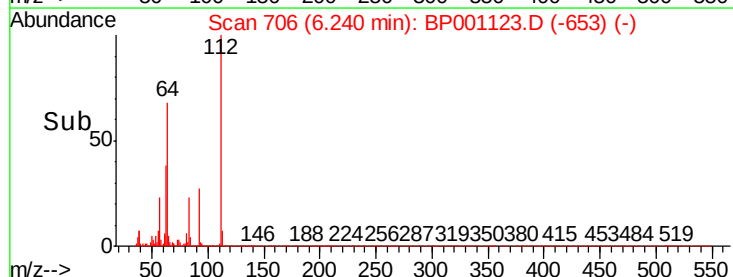


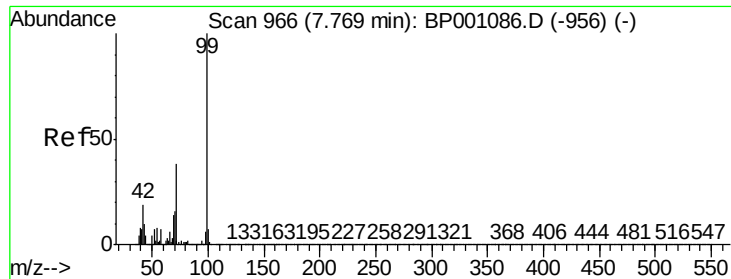
Abundance

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: 141.308 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001123.D

Acq: 02 Dec 2019 13:45

Instrument :

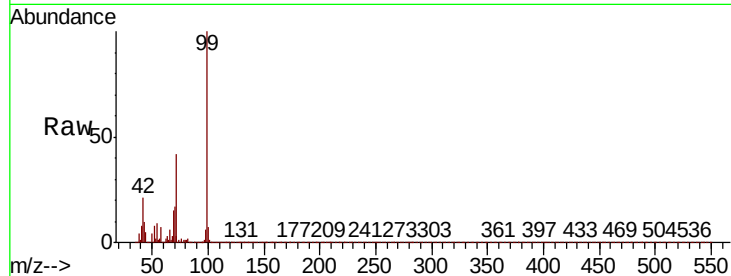
BNA_P

ClientSampleId :

PB125188BL

Tot Ion: 99 Resp: 1595364

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.4	23.0
71	41.7	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

1500000

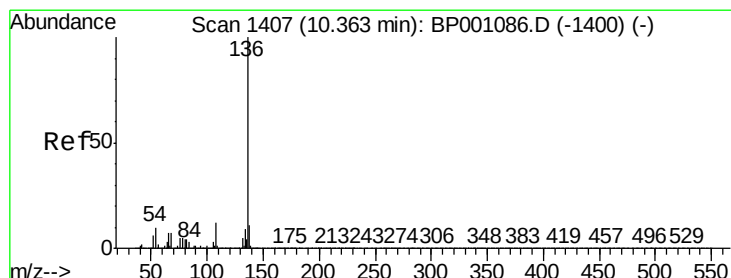
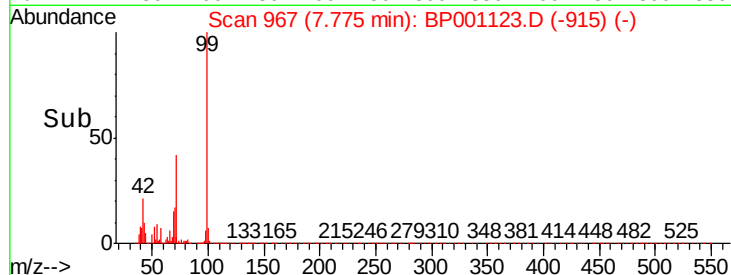
1000000

500000

0

7.78

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1406

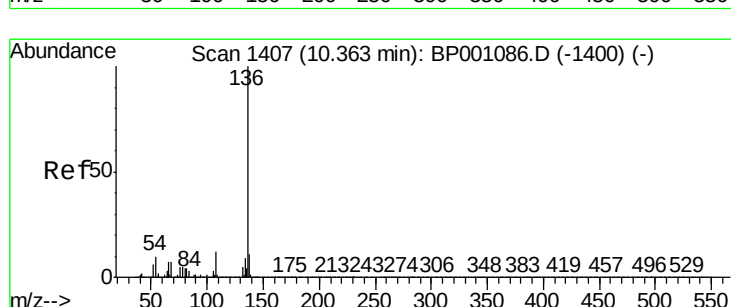
Delta R.T. -0.01 min

Lab File: BP001123.D

Acq: 02 Dec 2019 13:45

Tgt Ion: 136 Resp: 529247

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.2	7.9	11.9
68	6.8	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

600000

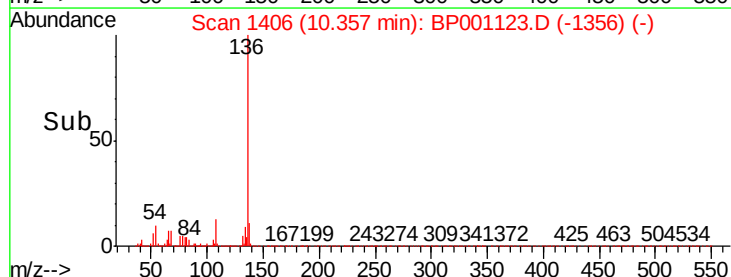
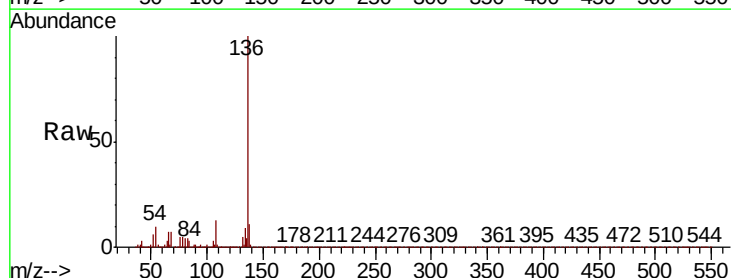
400000

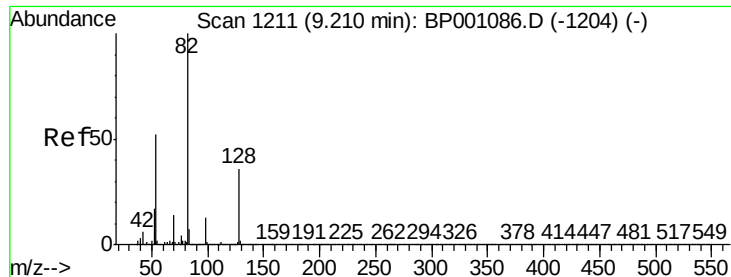
200000

0

10.36

Time-->

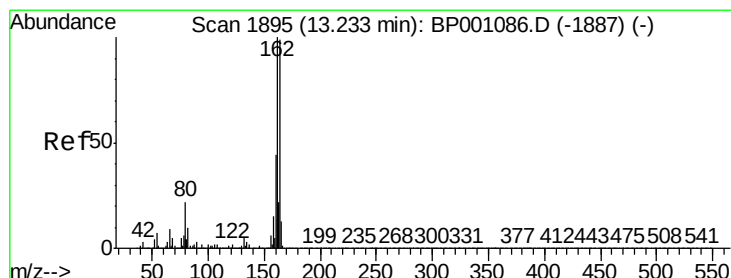
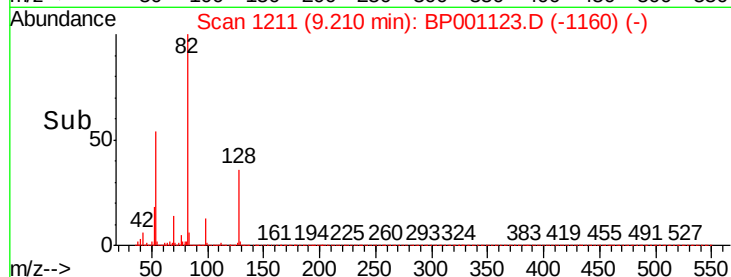
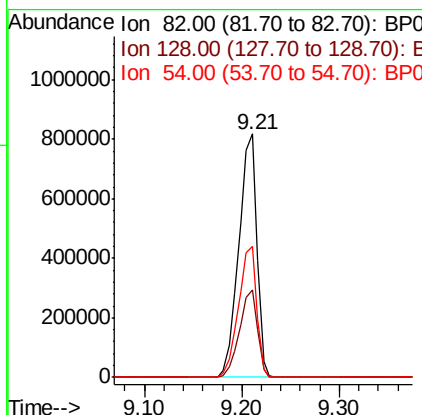
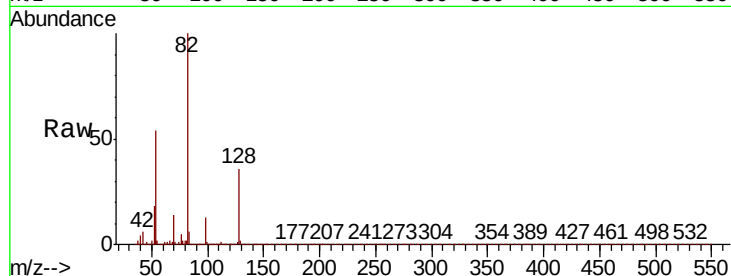




#23
 Nitrobenzene-d5
 Concen: 86.164 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001123.D
 Acq: 02 Dec 2019 13:45

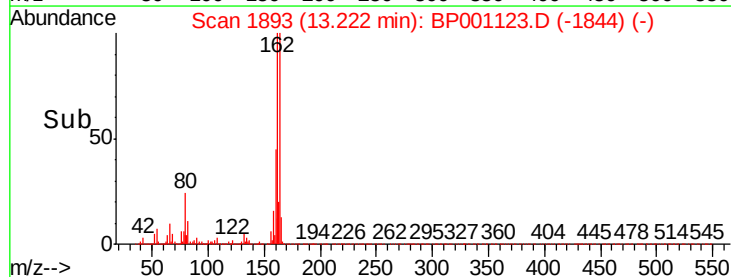
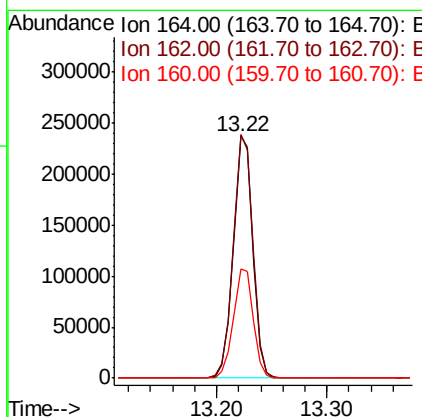
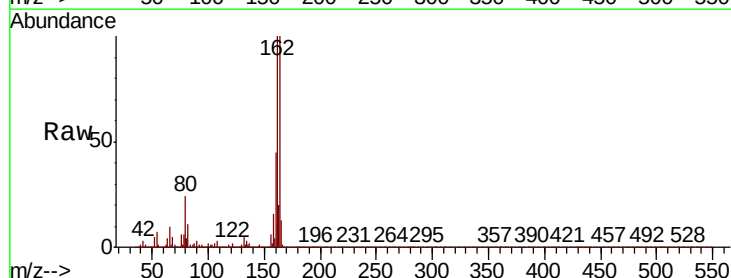
Instrument :
 BNA_P
 ClientSampleId :
 PB125188BL

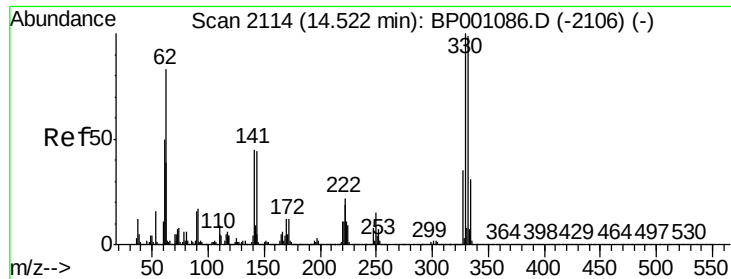
Tot Ion: 82 Resp: 1051087
 Ion Ratio Lower Upper
 82 100
 128 36.0 28.9 43.3
 54 53.7 41.9 62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BP001123.D
 Acq: 02 Dec 2019 13:45

Tgt Ion: 164 Resp: 293784
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.6 120.8
 160 44.9 35.4 53.2

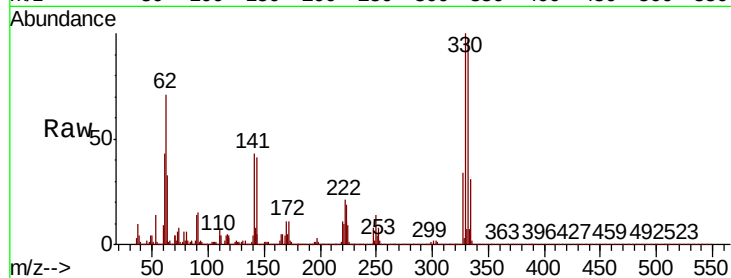




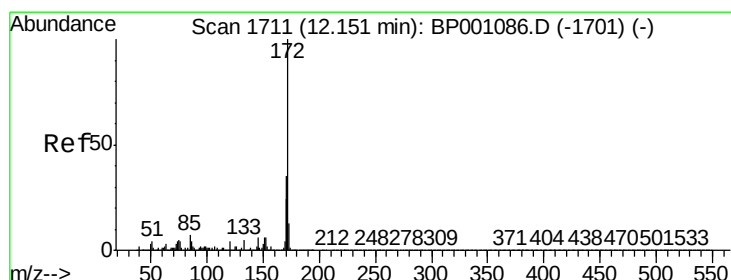
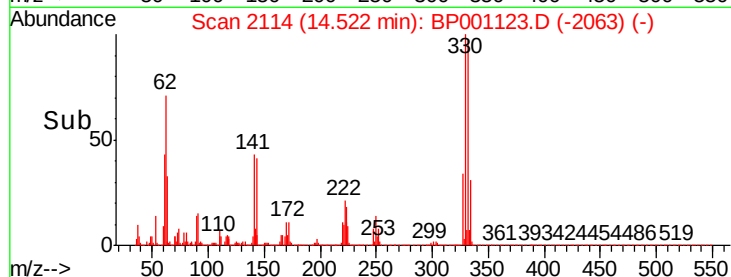
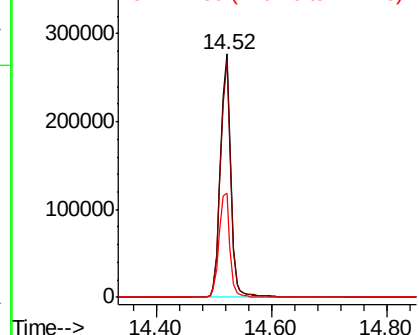
#42
2,4,6-Tribromophenol
Concen: 125.227 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001123.D
Acq: 02 Dec 2019 13:45

Instrument :
BNA_P
ClientSampleId :
PB125188BL

Tot Ion:330 Resp: 352630
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 44.5 34.2 51.2

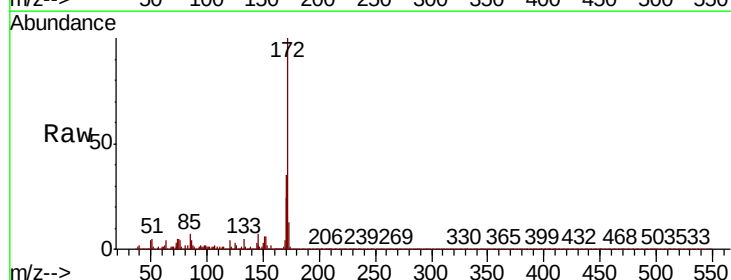


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

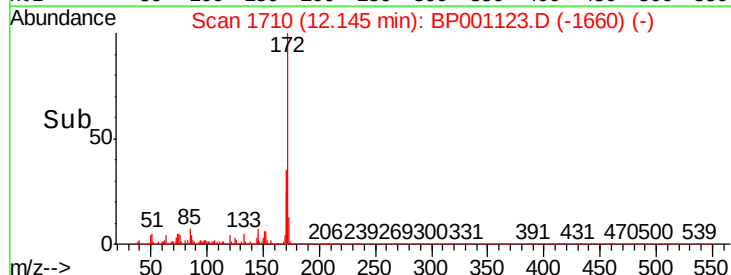
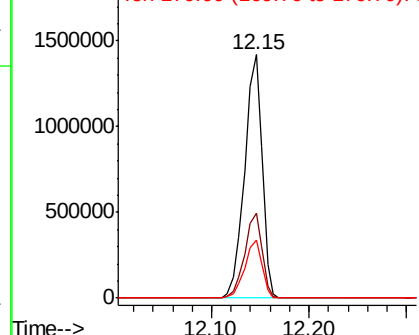


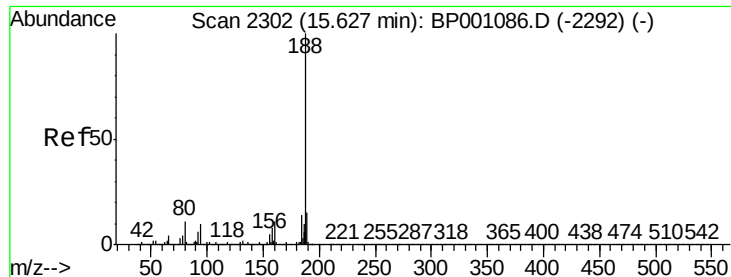
#45
2-Fluorobiphenyl
Concen: 88.353 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001123.D
Acq: 02 Dec 2019 13:45

Tgt Ion:172 Resp: 1773519
Ion Ratio Lower Upper
172 100
171 35.1 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: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001123.D

Acq: 02 Dec 2019 13:45

Instrument :

BNA_P

ClientSampleId :

PB125188BL

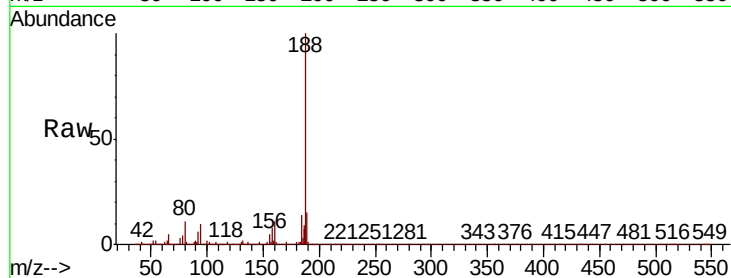
Tot Ion:188 Resp: 532536

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

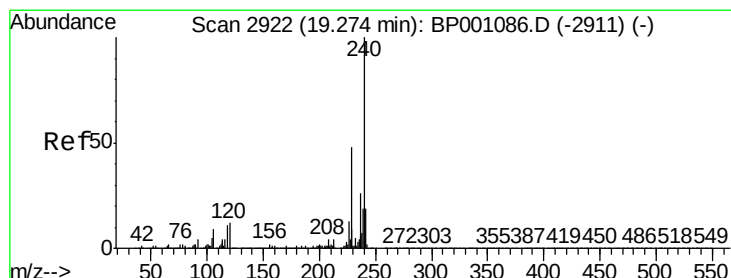
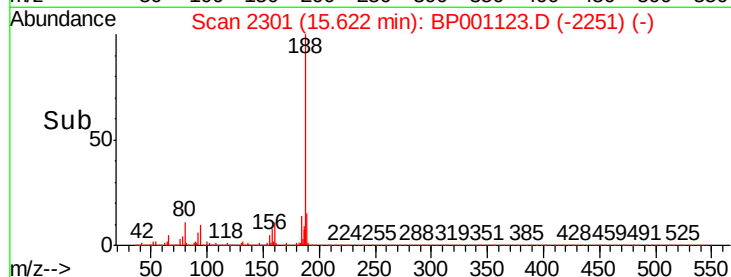
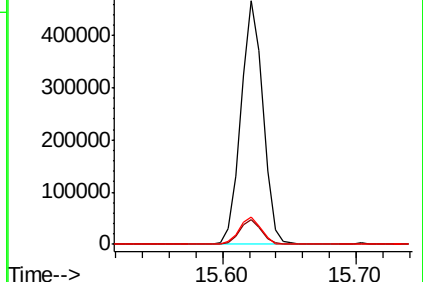
80 11.3 8.8 13.2



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: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001123.D

Acq: 02 Dec 2019 13:45

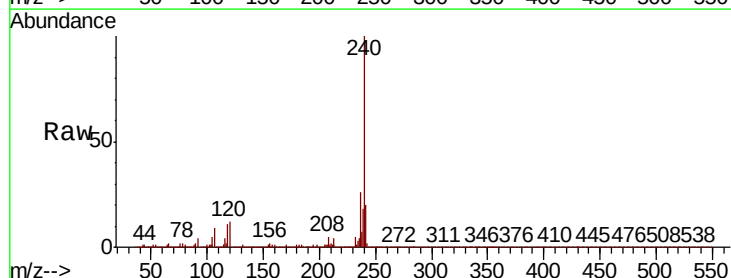
Tgt Ion:240 Resp: 397784

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

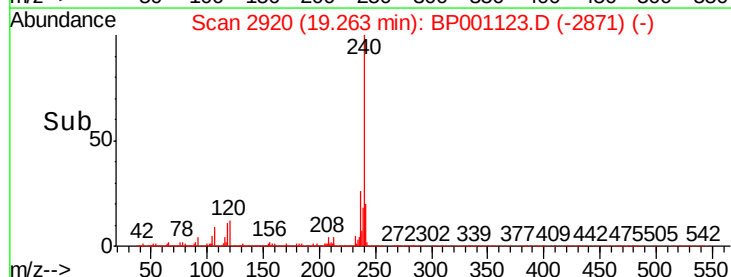
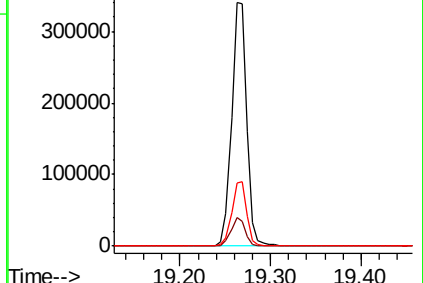
236 26.1 20.4 30.6

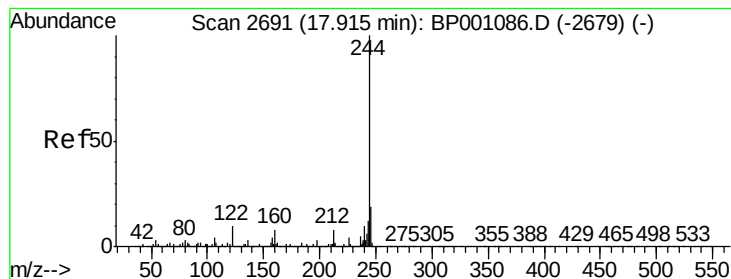


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.914 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001123.D

Acq: 02 Dec 2019 13:45

Instrument :

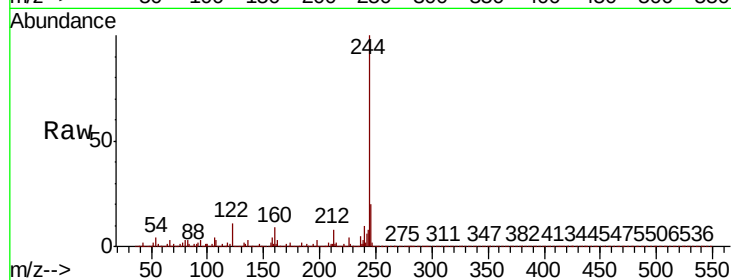
BNA_P

ClientSampleId :

PB125188BL

Tot Ion:244 Resp: 1933217

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	11.5	8.2	12.2

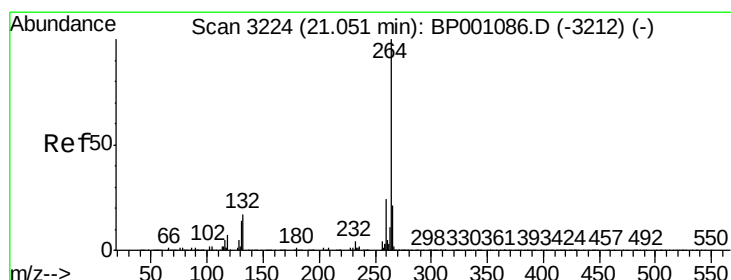
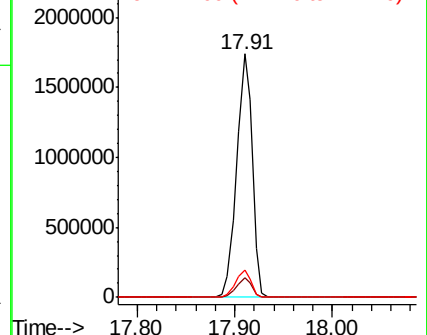
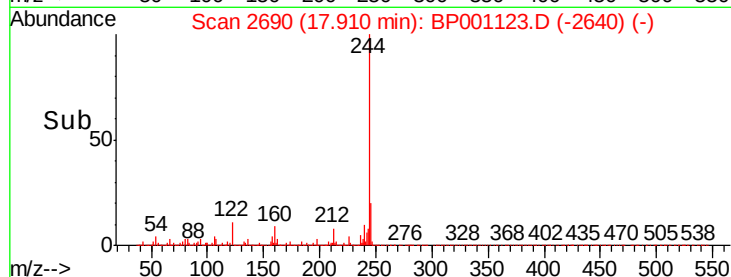


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3223

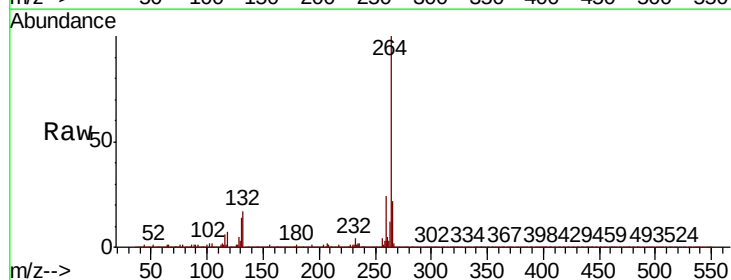
Delta R.T. -0.01 min

Lab File: BP001123.D

Acq: 02 Dec 2019 13:45

Tgt Ion:264 Resp: 426863

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.8	16.9	25.3



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

