

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001167.D
 Acq On : 03 Dec 2019 21:08
 Operator : JU
 Sample : PB125109BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125109BL

Quant Time: Dec 04 05:01:51 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	8.31	152	114890	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	403115	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	221350	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	433334	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	343331	20.00	ng	-0.02
87) Perylene-d12	21.02	264	356820	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	638312	92.18	ng	0.00
7) Phenol-d6	7.76	99	871876	94.51	ng	-0.01
23) Nitrobenzene-d5	9.19	82	837484	90.14	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	205773	96.99	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1371015	90.65	ng	-0.02
79) Terphenyl-d14	17.90	244	1617636	87.17	ng	-0.02

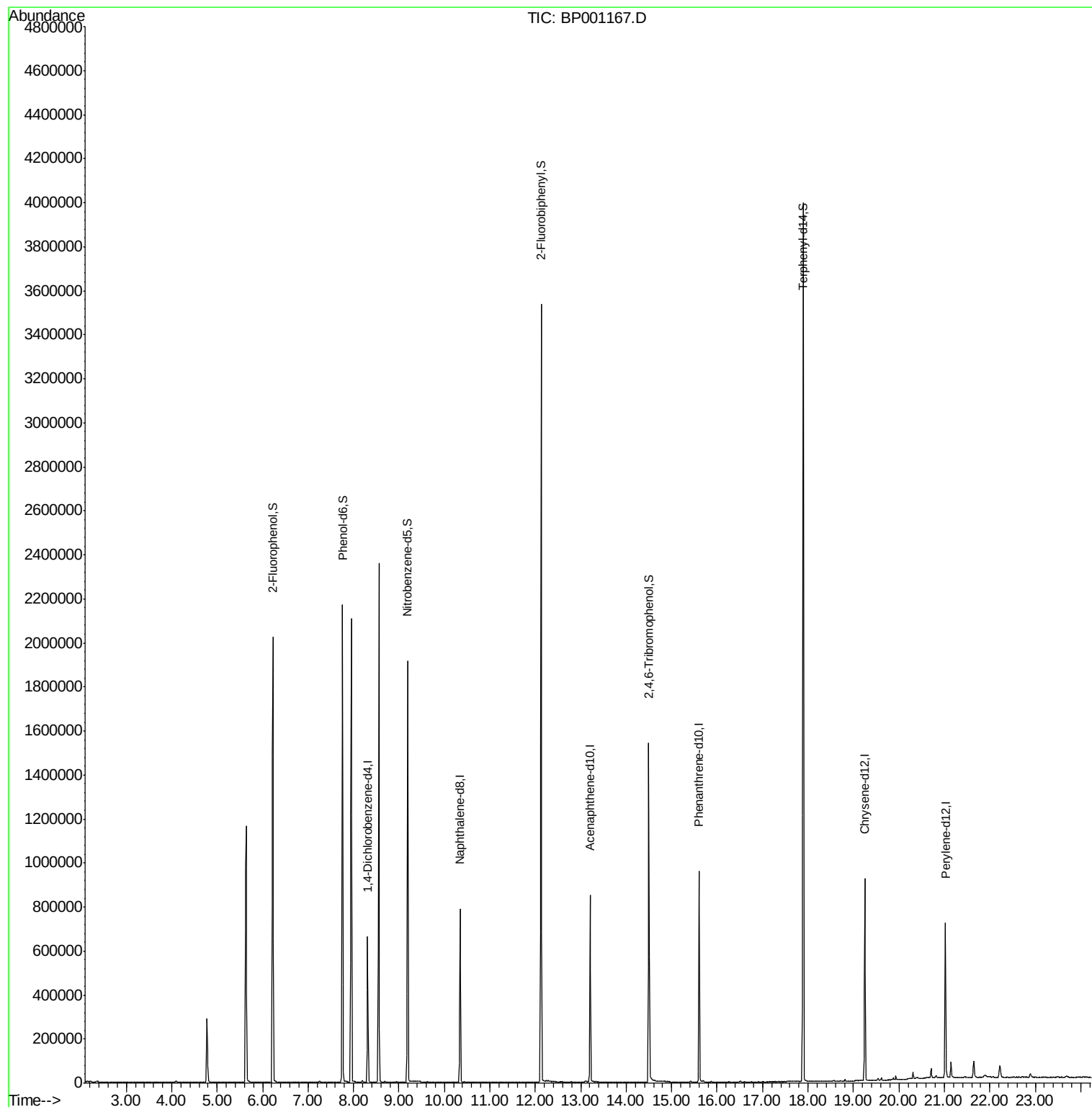
Target Compounds Qvalue

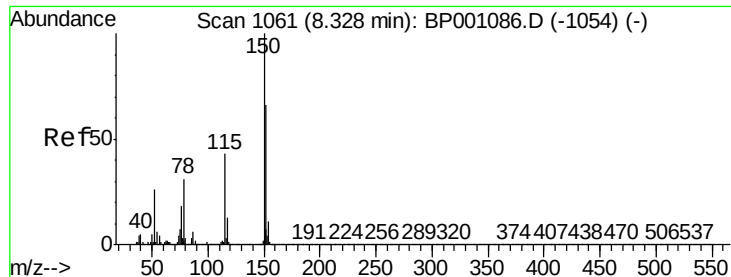
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 17:38:46 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

PB125109BL

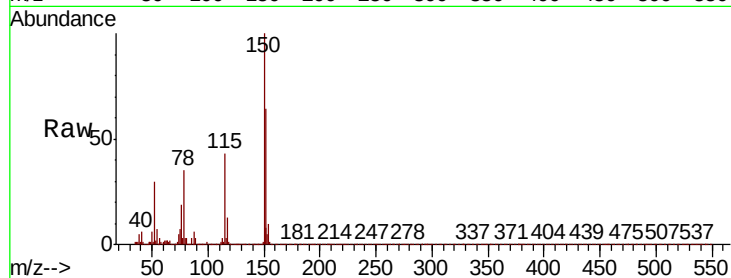
Tot Ion:152 Resp: 114890

Ion Ratio Lower Upper

152 100

150 156.9 120.6 181.0

115 67.6 51.6 77.4

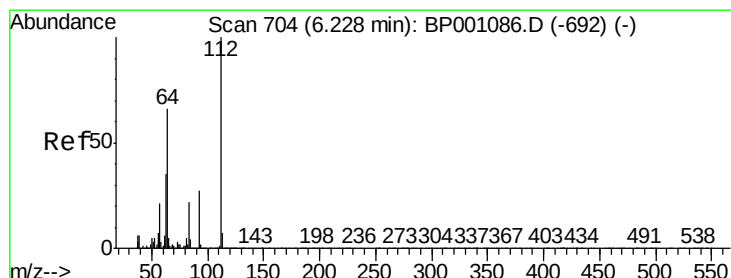
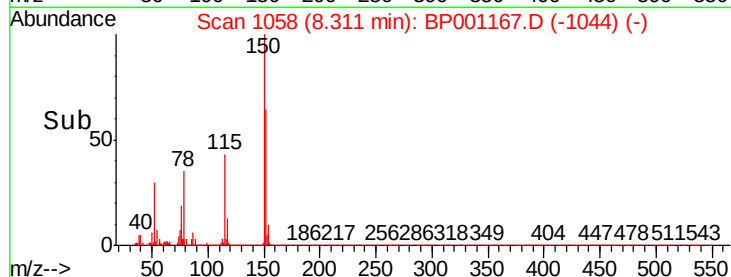
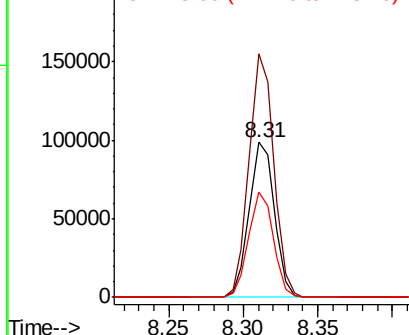


Abundance

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: 92.176 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

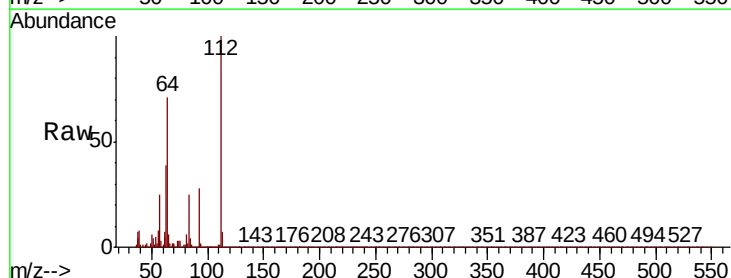
Tgt Ion:112 Resp: 638312

Ion Ratio Lower Upper

112 100

64 70.9 52.8 79.2

63 39.4 28.2 42.2

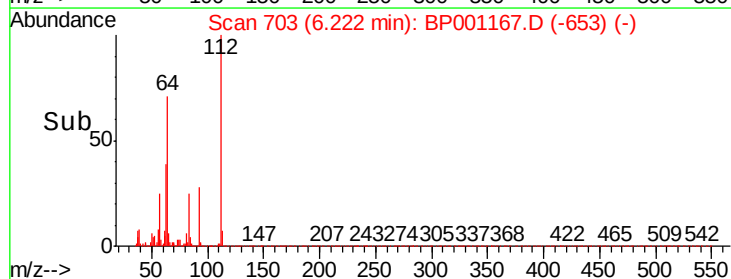
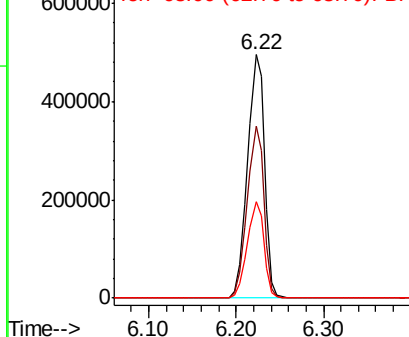


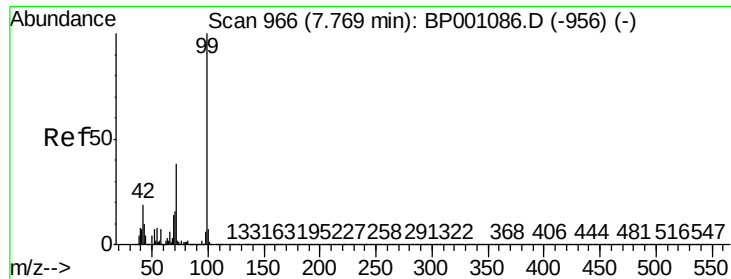
Abundance

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: 94.505 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

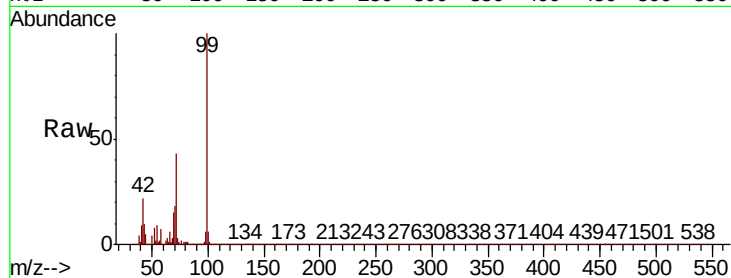
BNA_P

ClientSampleId :

PB125109BL

Tot Ion: 99 Resp: 871876

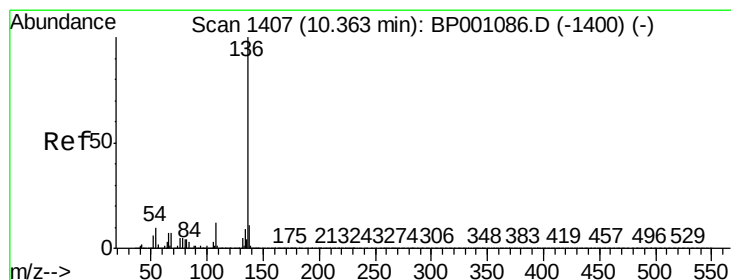
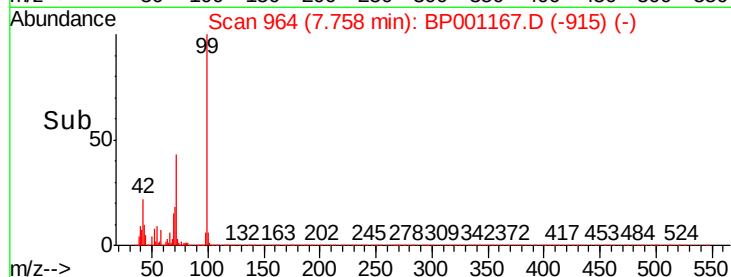
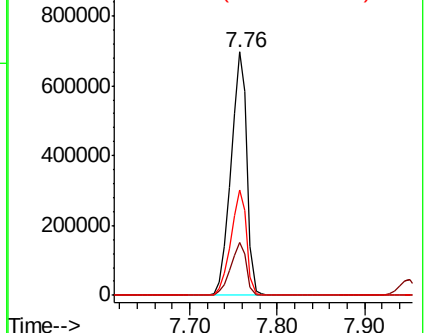
Ion	Ratio	Lower	Upper
99	100		
42	21.6	15.4	23.0
71	43.1	30.8	46.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

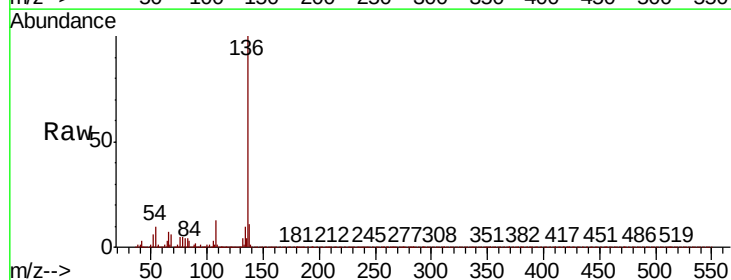
Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion: 136 Resp: 403115

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.1	7.9	11.9
68	6.0	5.6	8.4

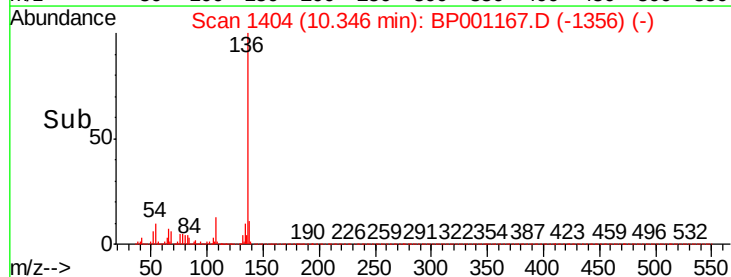
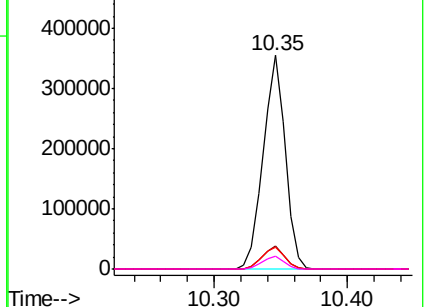


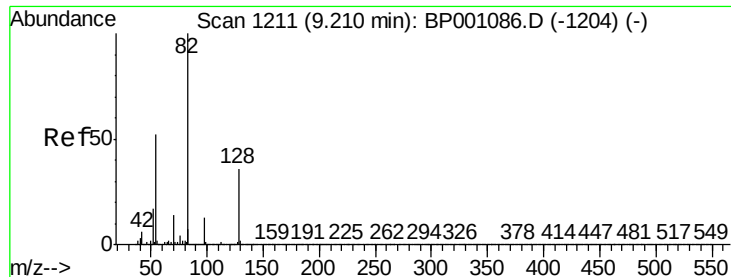
Abundance Ion 136.00 (135.70 to 136.70): E

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

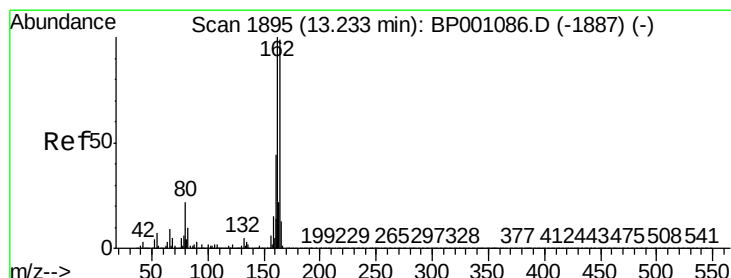
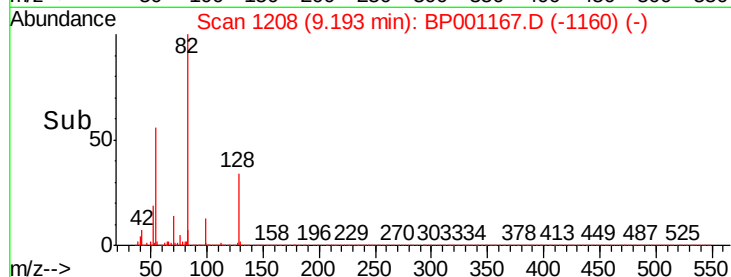
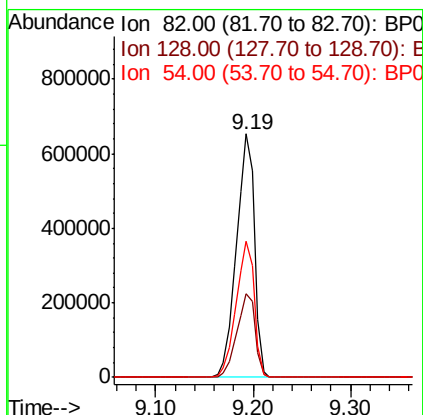
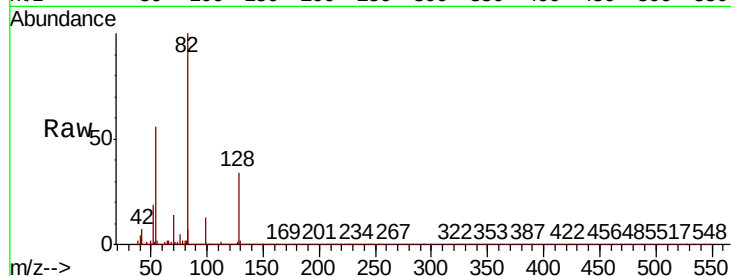




#23
 Nitrobenzene-d5
 Concen: 90.135 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

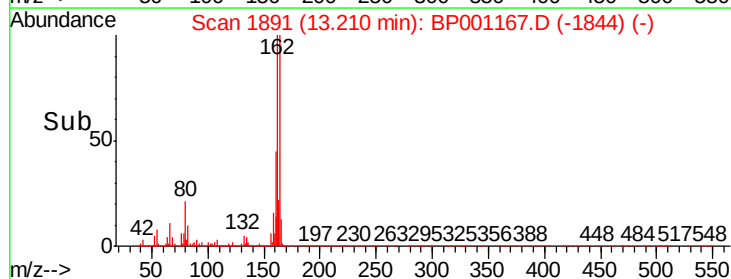
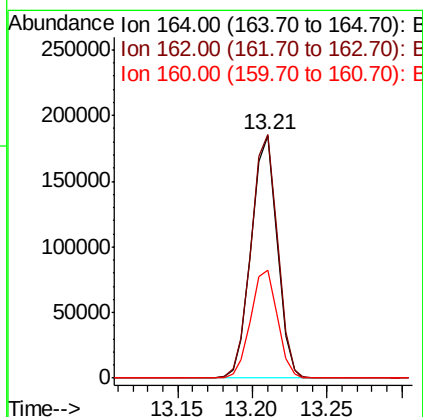
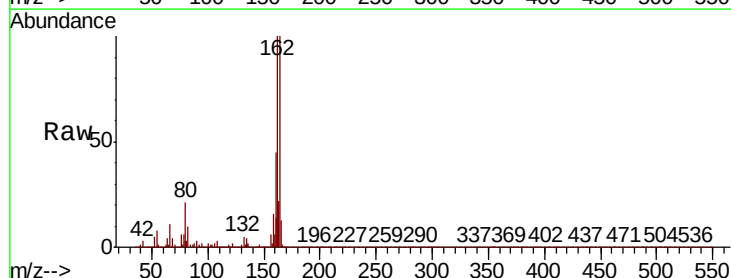
Instrument :
 BNA_P
 ClientSampleId :
 PB125109BL

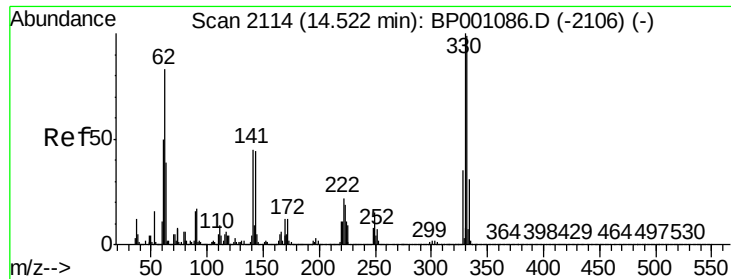
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	28.9	43.3
54	56.1	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.02 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.7	35.4	53.2

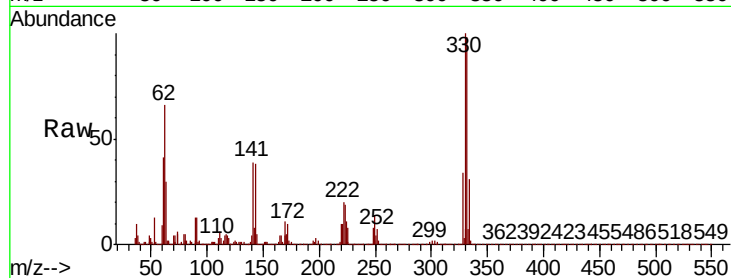




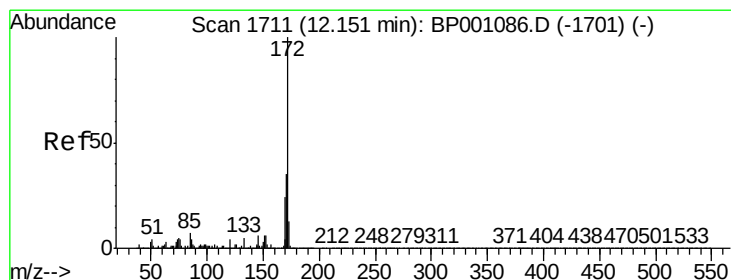
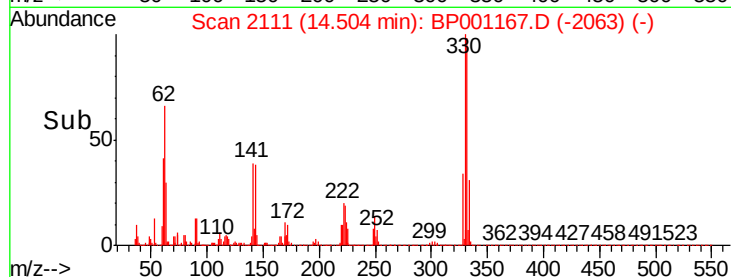
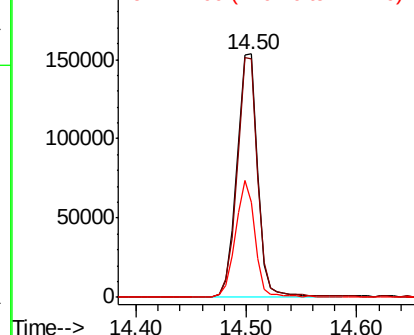
#42
2,4,6-Tribromophenol
Concen: 96.988 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Instrument :
BNA_P
ClientSampleId :
PB125109BL

Tot Ion:330 Resp: 205773
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 45.2 34.2 51.2

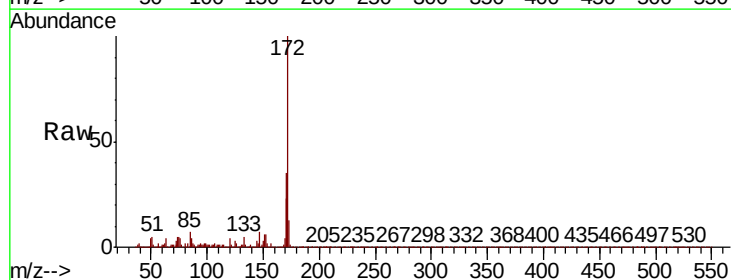


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

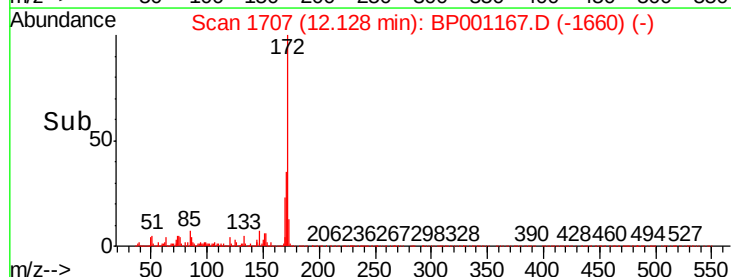
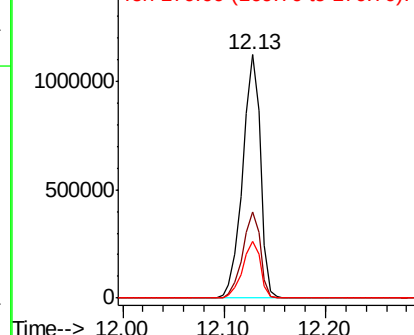


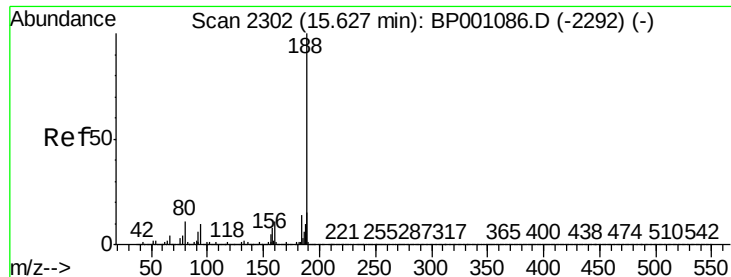
#45
2-Fluorobiphenyl
Concen: 90.652 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:172 Resp: 1371015
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.3 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

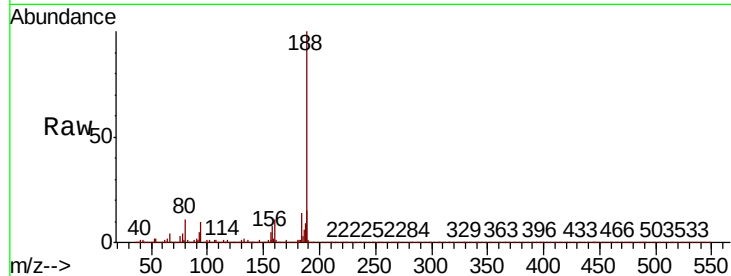




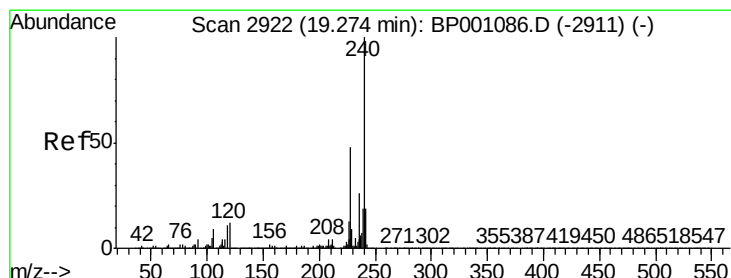
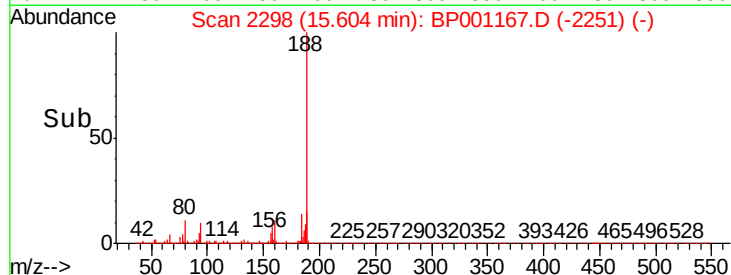
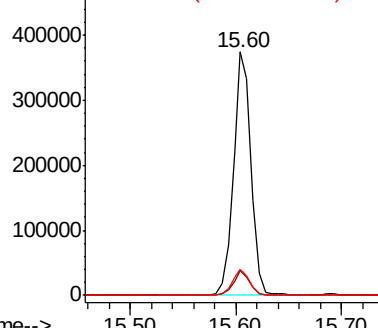
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Instrument :
BNA_P
ClientSampleId :
PB125109BL

Tot Ion:188 Resp: 433334
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.7 8.8 13.2

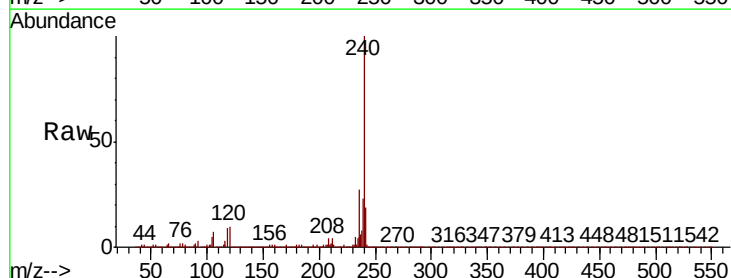


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

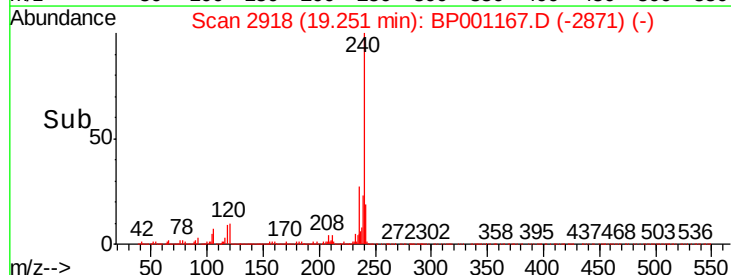
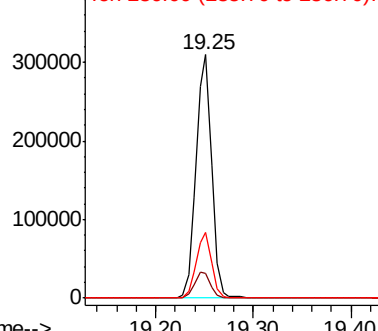


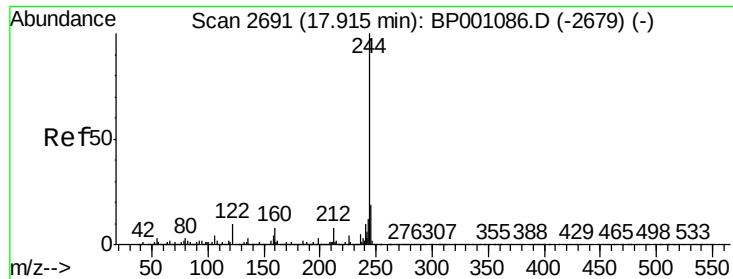
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:240 Resp: 343331
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.8 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: 87.169 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

PB125109BL

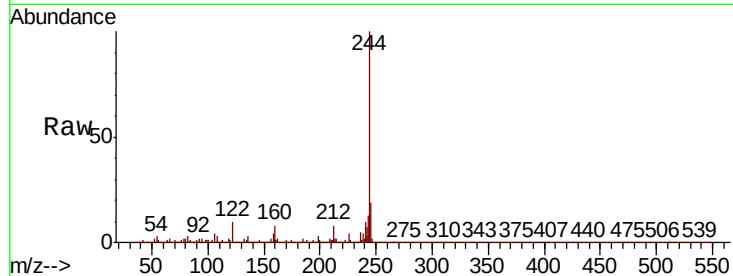
Tot Ion:244 Resp: 1617636

Ion Ratio Lower Upper

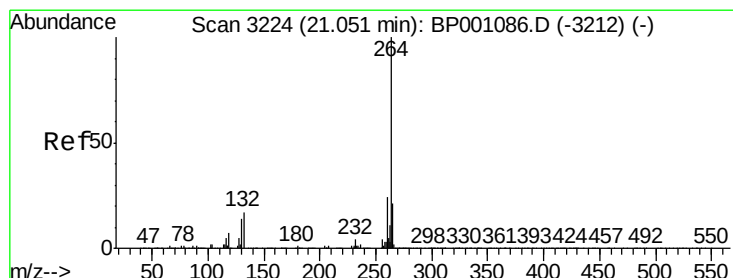
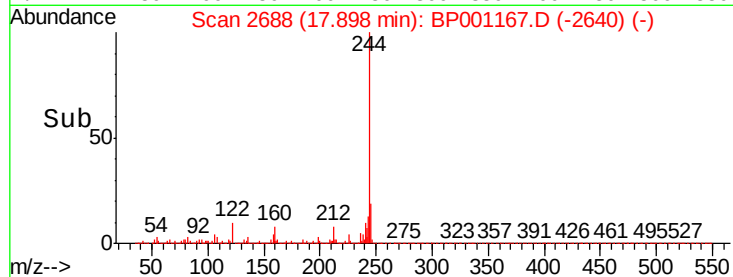
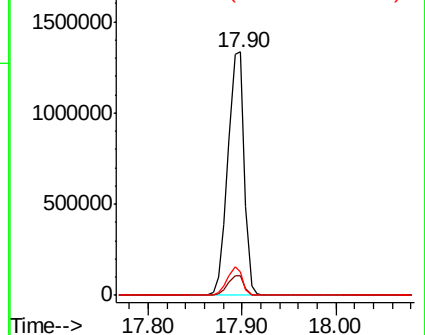
244 100

212 8.0 6.2 9.2

122 9.6 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: 21.02 min Scan# 3219

Delta R.T. -0.03 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

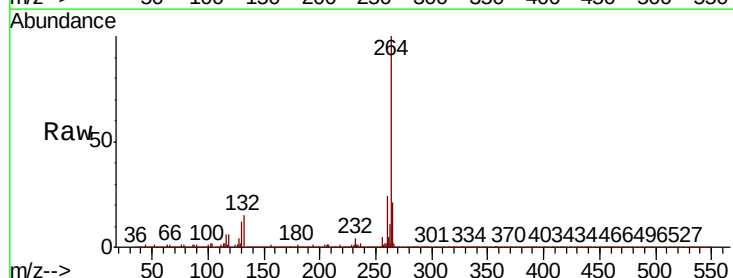
Tgt Ion:264 Resp: 356820

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.4 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

