

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001249.D
 Acq On : 07 Dec 2019 12:39
 Operator : JU
 Sample : PB125292BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125292BL

Quant Time: Dec 09 01:15:06 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	8.31	152	95205	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	341684	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	190019	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	356870	20.00	ng	0.00
76) Chrysene-d12	19.25	240	274967	20.00	ng	-0.01
87) Perylene-d12	21.02	264	280247	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	785029	136.80	ng	0.02
7) Phenol-d6	7.77	99	1047432	137.01	ng	0.00
23) Nitrobenzene-d5	9.19	82	731559	92.89	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	260848	143.22	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1208607	93.09	ng	0.00
79) Terphenyl-d14	17.89	244	1418466	95.44	ng	0.00

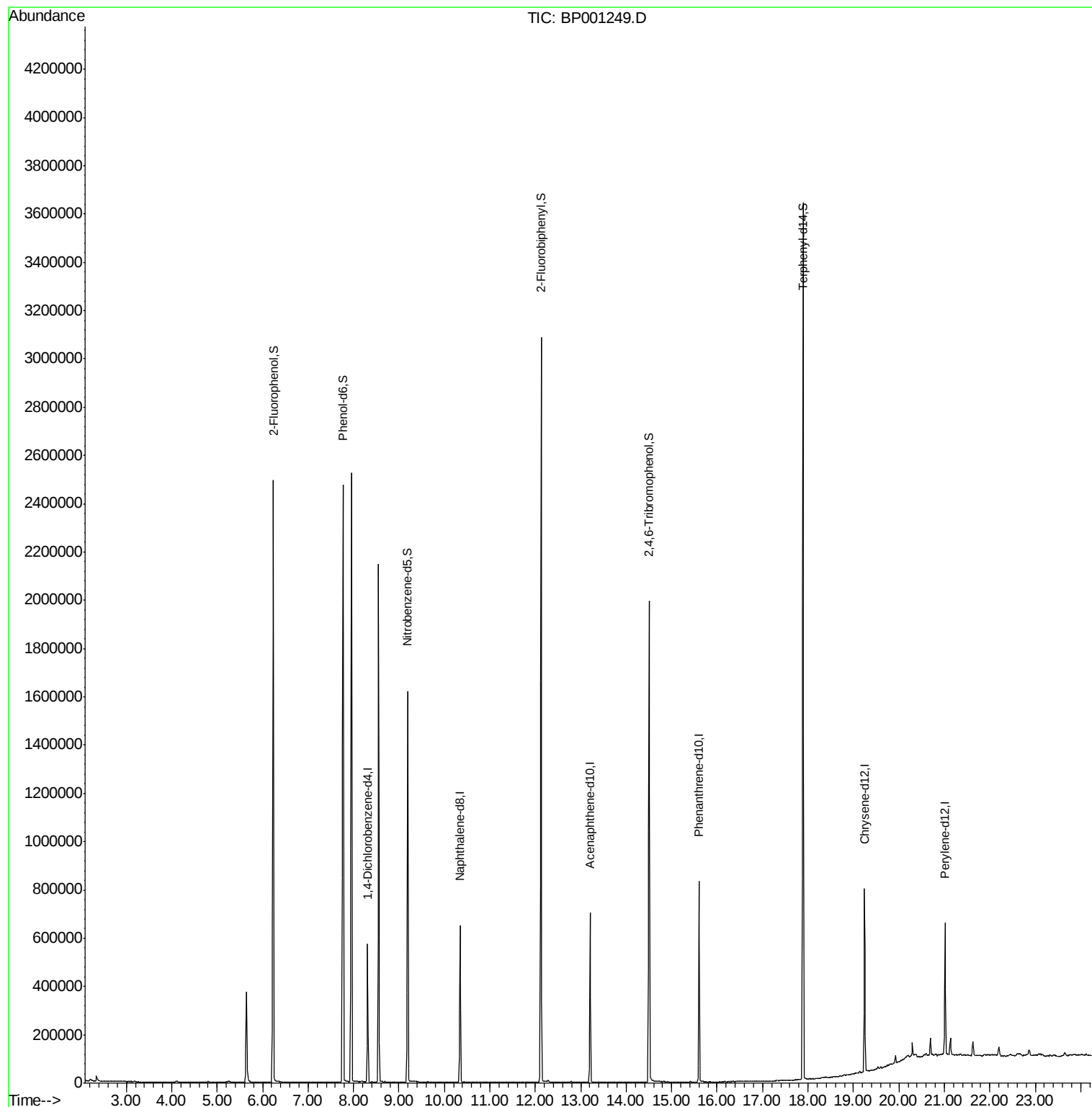
Target Compounds Qvalue

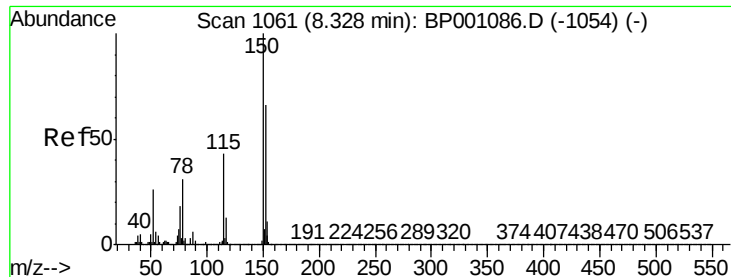
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001249.D

Acq: 07 Dec 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB125292BL

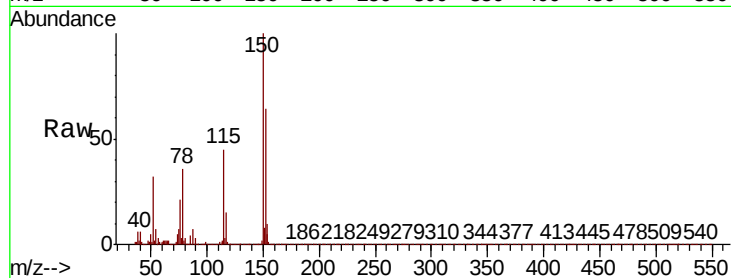
Tot Ion:152 Resp: 95205

Ion Ratio Lower Upper

152 100

150 156.4 127.3 190.9

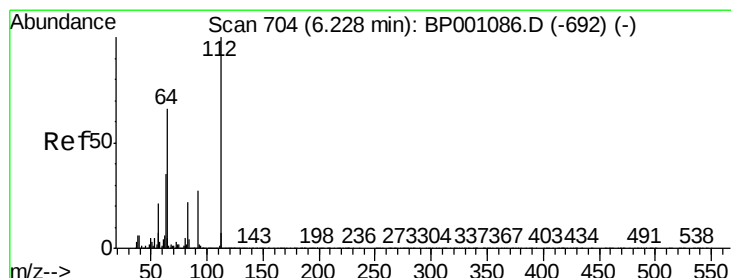
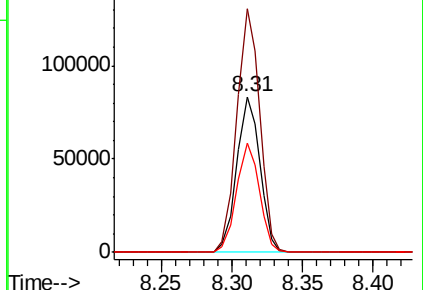
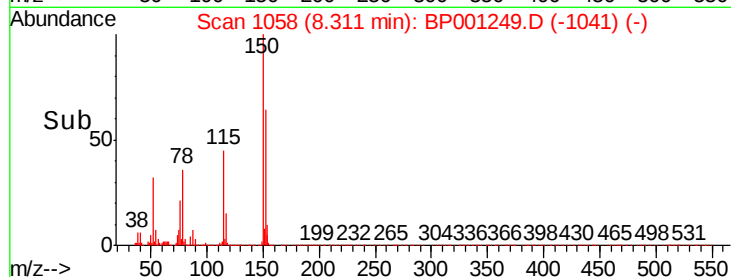
115 70.5 56.0 84.0



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: 136.802 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001249.D

Acq: 07 Dec 2019 12:39

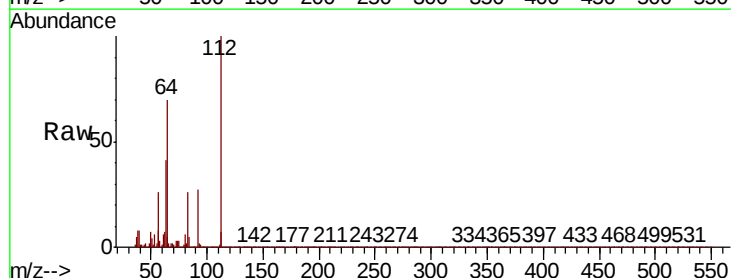
Tgt Ion:112 Resp: 785029

Ion Ratio Lower Upper

112 100

64 70.1 56.8 85.2

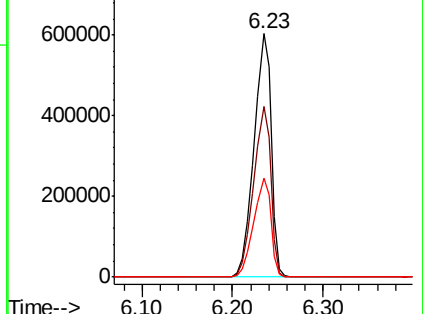
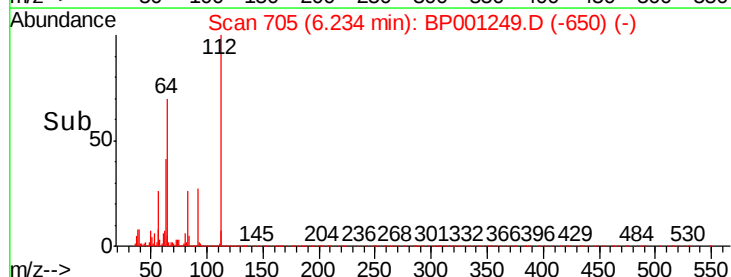
63 40.6 32.2 48.2



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: 137.009 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001249.D

Acq: 07 Dec 2019 12:39

Instrument :

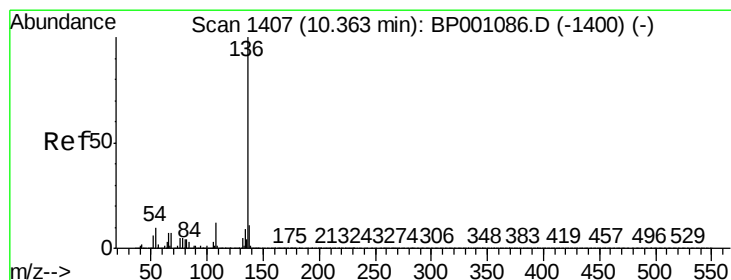
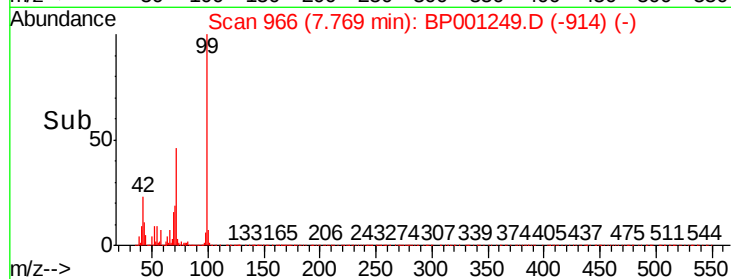
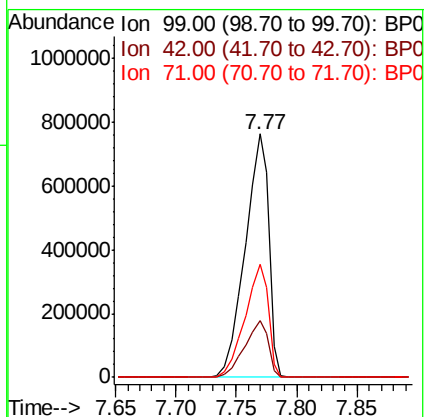
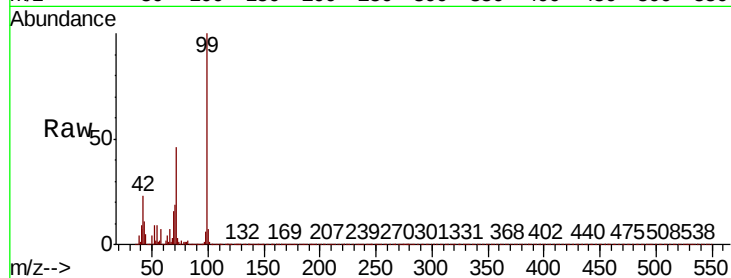
BNA_P

ClientSampleId :

PB125292BL

Tot Ion: 99 Resp: 1047432

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.6	26.4
71	46.5	33.8	50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

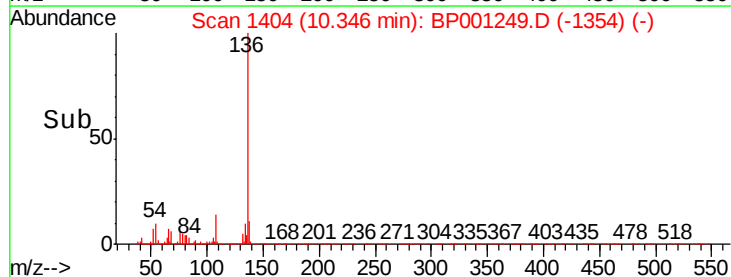
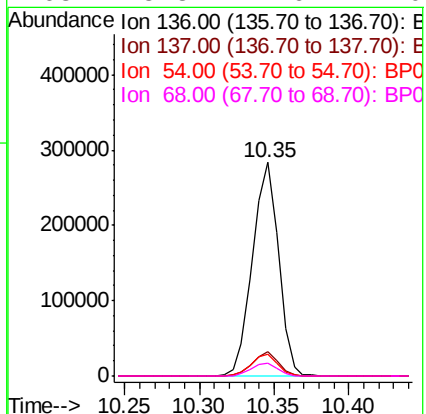
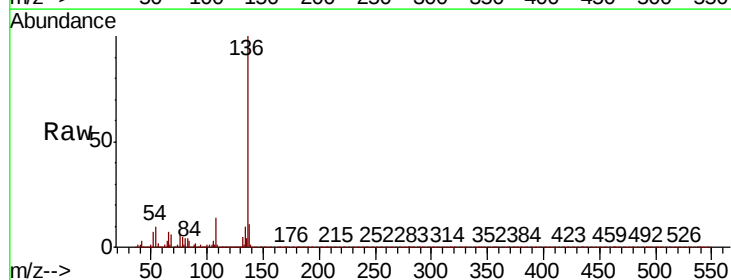
Delta R.T. -0.01 min

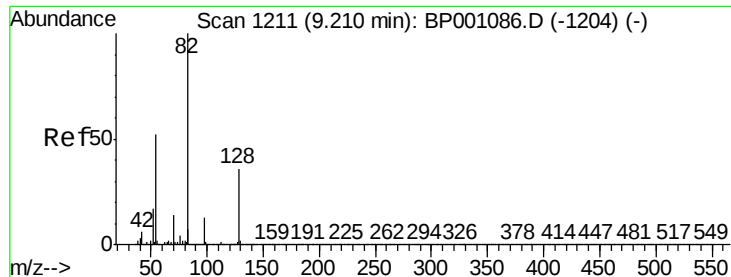
Lab File: BP001249.D

Acq: 07 Dec 2019 12:39

Tgt Ion: 136 Resp: 341684

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.2	7.4	11.0
68	5.8	4.6	7.0

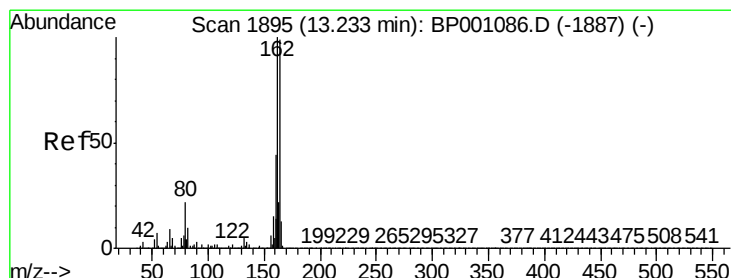
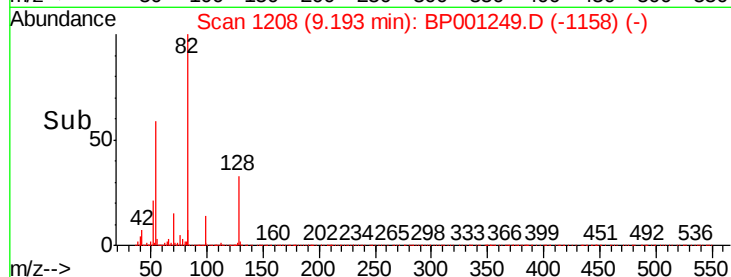
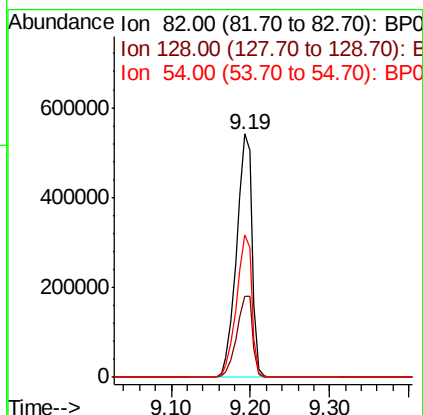
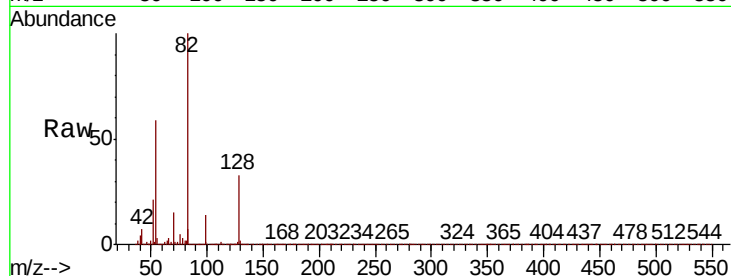




#23
Nitrobenzene-d5
Concen: 92.891 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001249.D
Acq: 07 Dec 2019 12:39

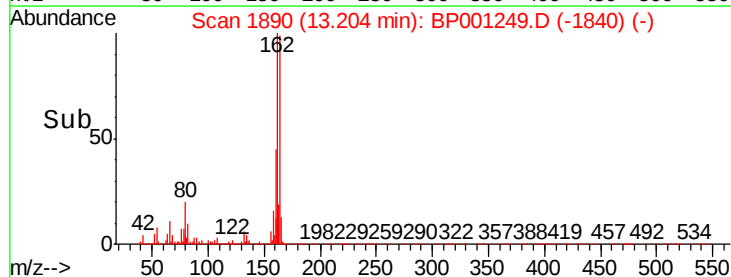
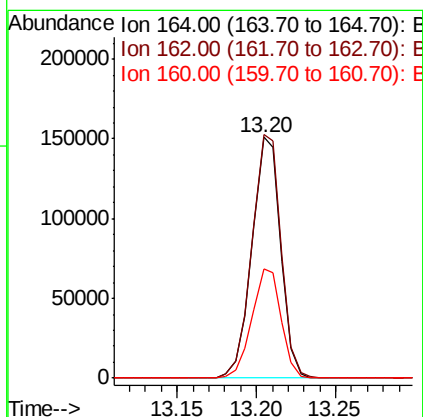
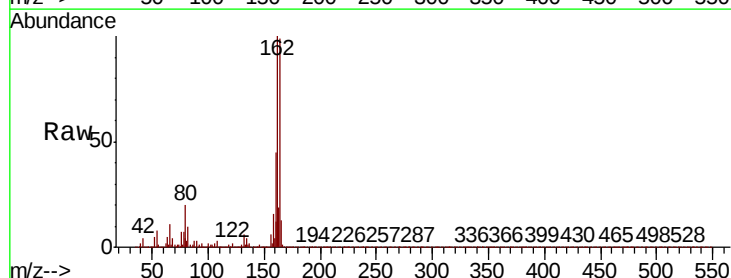
Instrument :
BNA_P
ClientSampleId :
PB125292BL

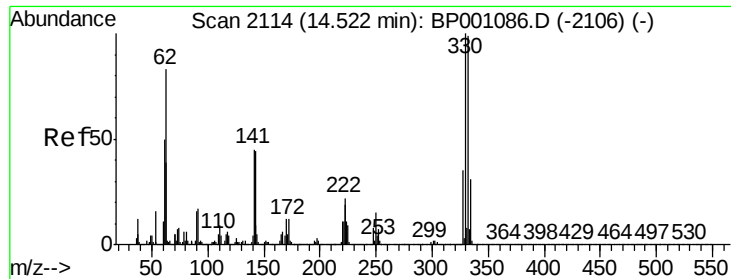
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.4	27.5	41.3
54	58.7	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001249.D
Acq: 07 Dec 2019 12:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.7	121.1
160	45.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 143.218 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BP001249.D

Acq: 07 Dec 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB125292BL

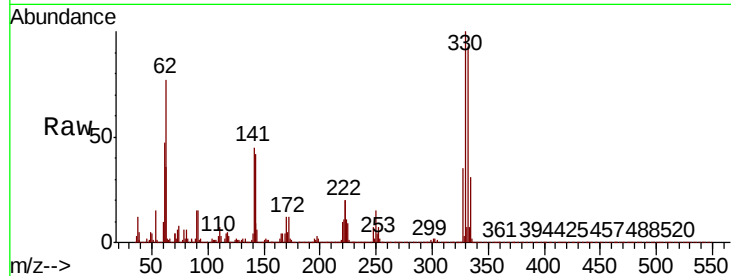
Tot Ion:330 Resp: 260848

Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

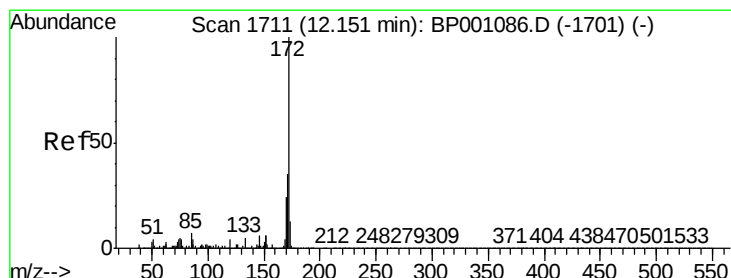
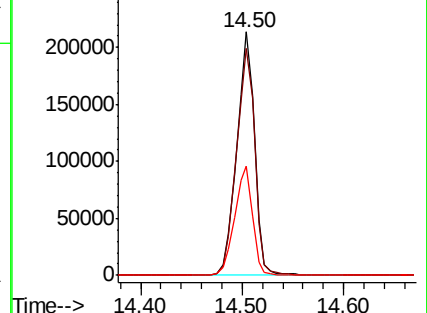
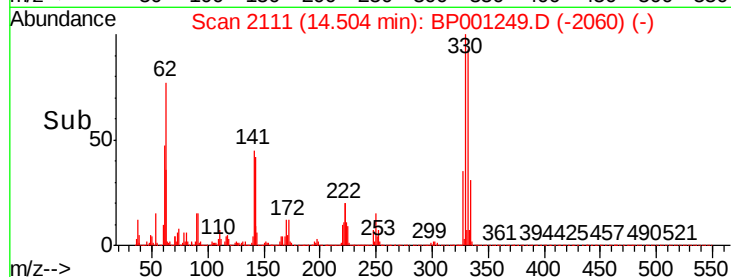
141 45.1 35.9 53.9



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: 93.090 ng

RT: 12.13 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BP001249.D

Acq: 07 Dec 2019 12:39

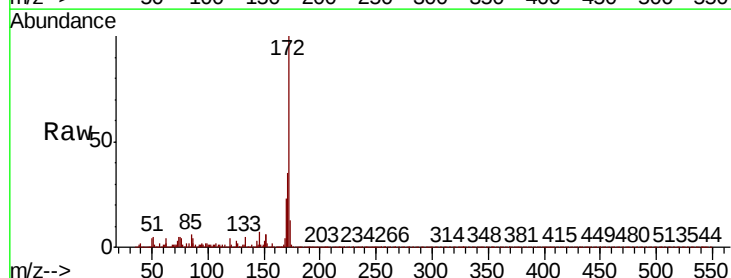
Tgt Ion:172 Resp: 1208607

Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

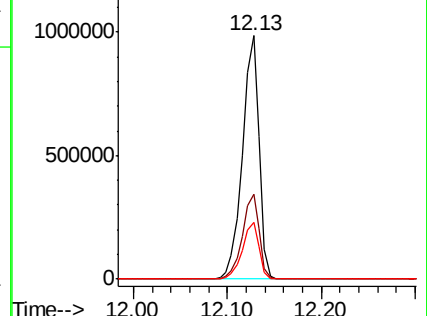
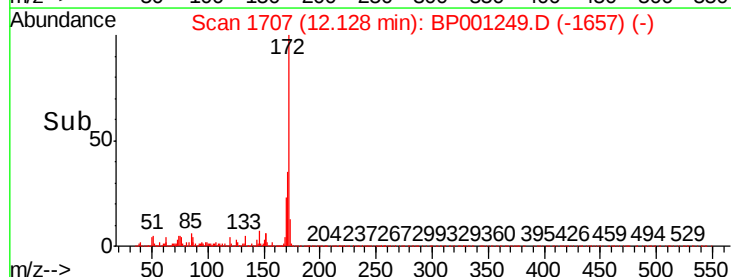
170 23.3 19.2 28.8

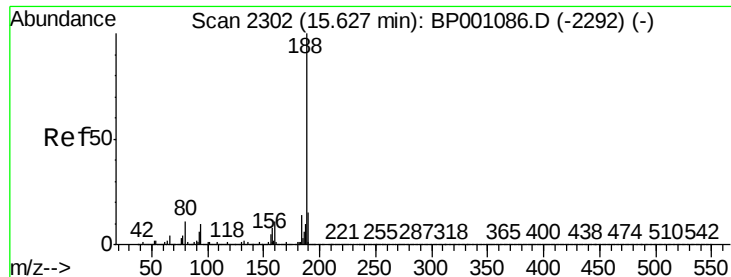


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.01 min

Lab File: BP001249.D

Acq: 07 Dec 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB125292BL

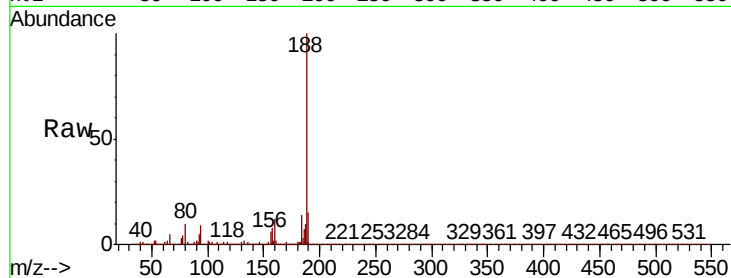
Tot Ion:188 Resp: 356870

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

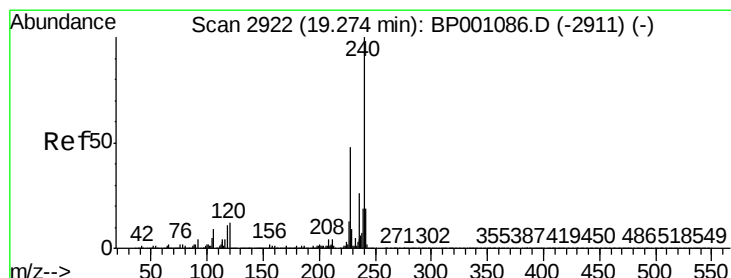
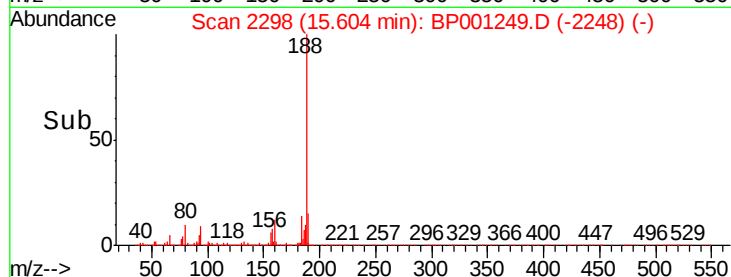
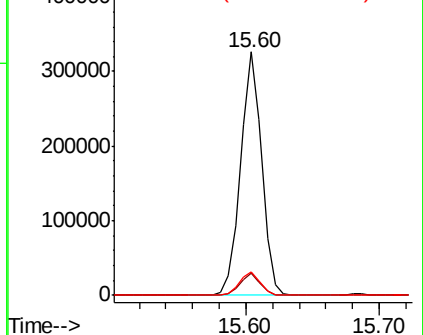
80 9.9 7.8 11.6



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# 2917

Delta R.T. -0.01 min

Lab File: BP001249.D

Acq: 07 Dec 2019 12:39

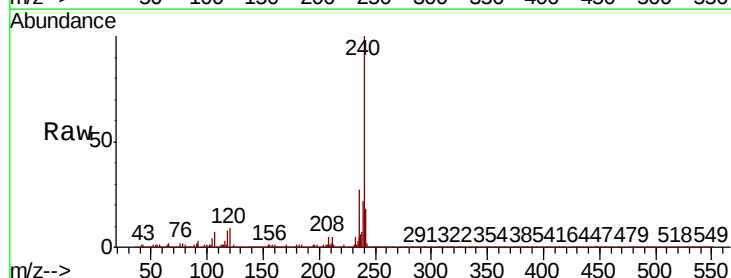
Tgt Ion:240 Resp: 274967

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

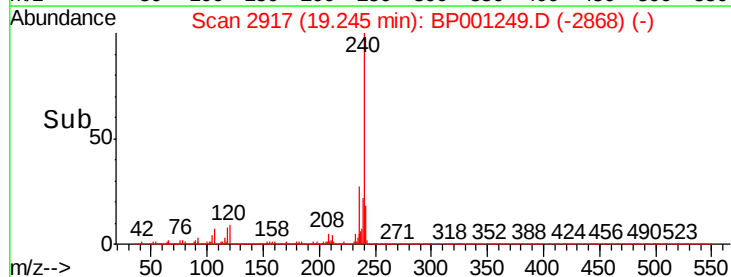
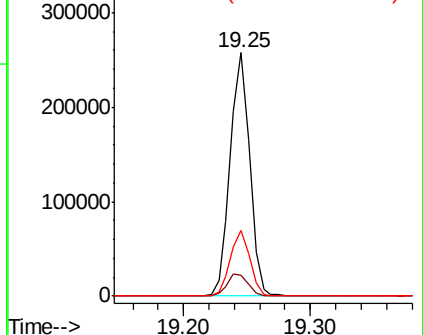
236 27.2 21.7 32.5

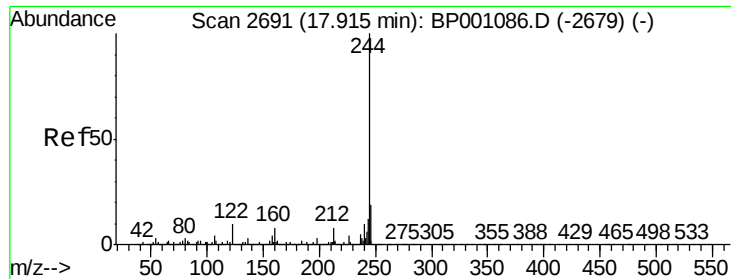


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

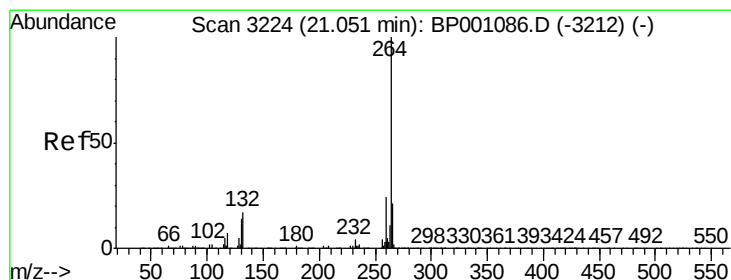
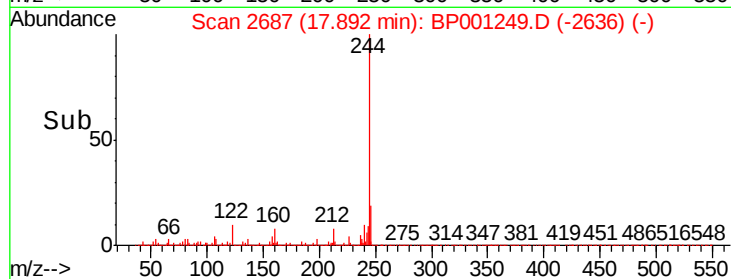
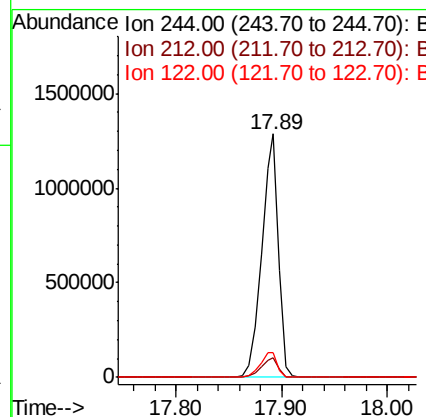
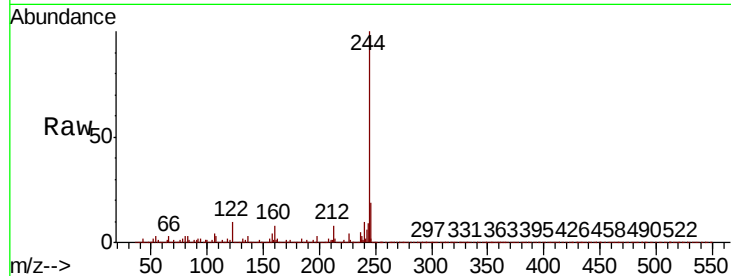




#79
 Terphenyl-d14
 Concen: 95.440 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. 0.00 min
 Lab File: BP001249.D
 Acq: 07 Dec 2019 12:39

Instrument :
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 ClientSampleId :
 PB125292BL

Tot Ion:244 Resp: 1418466
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 10.2 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001249.D
 Acq: 07 Dec 2019 12:39

Tgt Ion:264 Resp: 280247
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 22.0 17.1 25.7

