

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001420.D
 Acq On : 26 Dec 2019 14:26
 Operator : JU
 Sample : PB125664TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125664TB

Quant Time: Dec 27 07:44:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36735	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	131206	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	78895	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	150038	20.00	ng	0.00
76) Chrysene-d12	19.22	240	114116	20.00	ng	0.00
87) Perylene-d12	20.99	264	113406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	287696	126.57	ng	0.02
7) Phenol-d6	7.76	99	464064	156.47	ng	0.00
23) Nitrobenzene-d5	9.17	82	323391	94.65	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	230572	233.76	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	778782	124.82	ng	0.00
79) Terphenyl-d14	17.87	244	1216328	182.56	ng	0.00

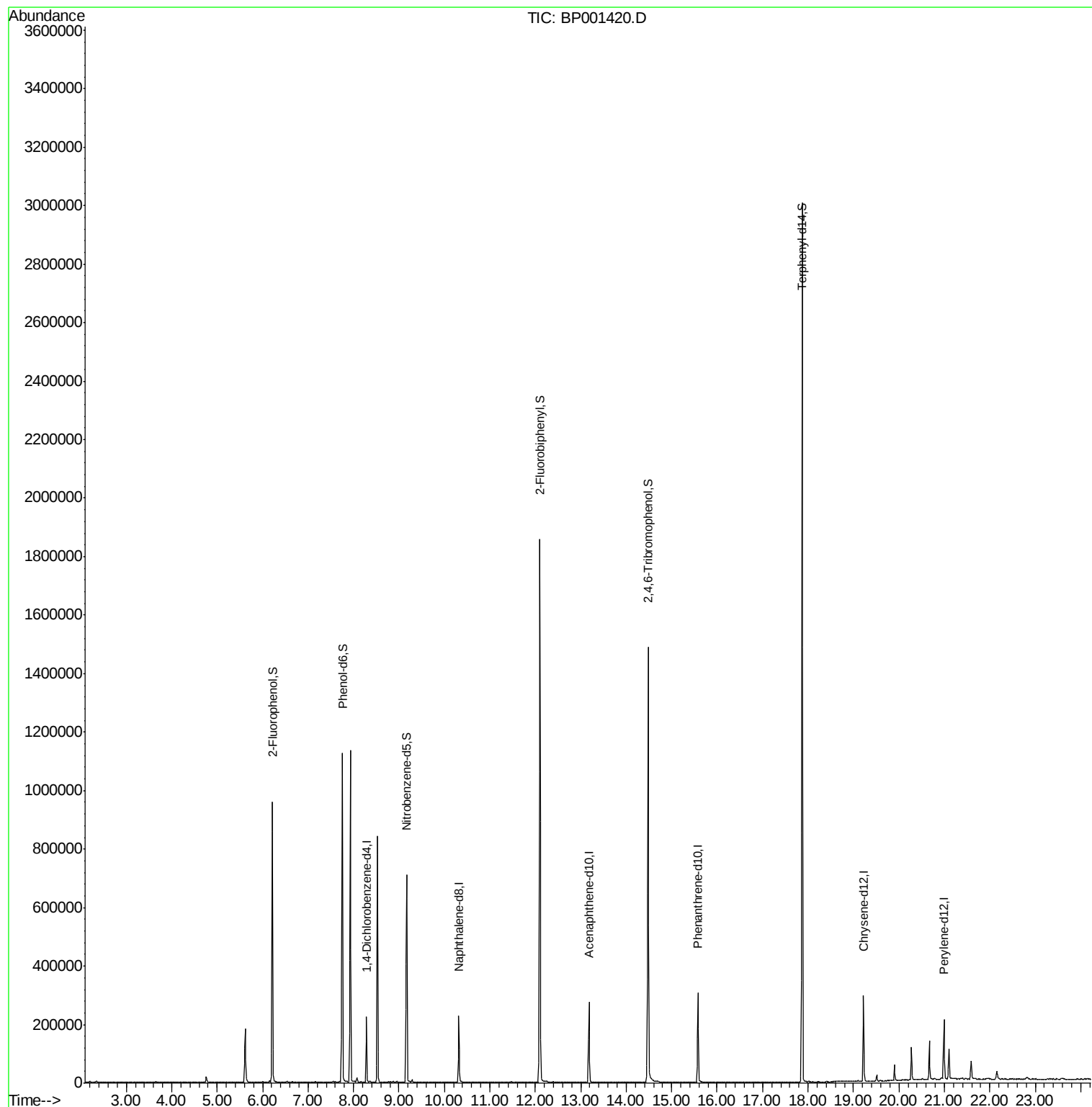
Target Compounds Qvalue

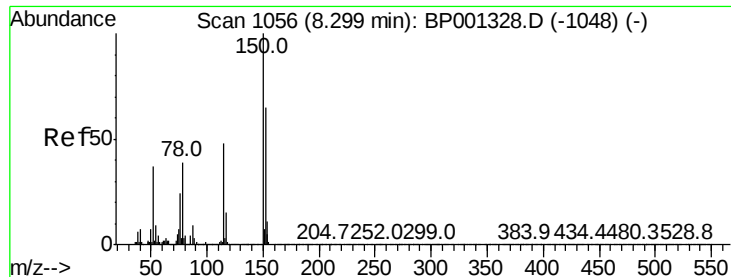
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

PB125664TB

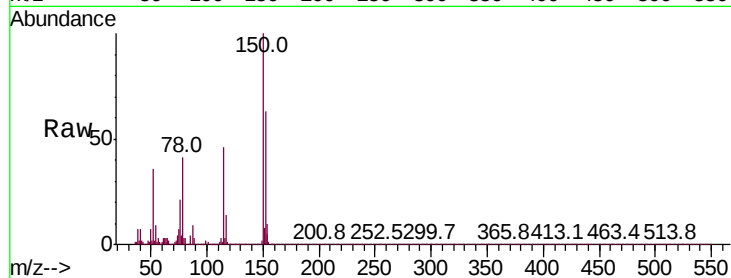
Tot Ion:152 Resp: 36735

Ion Ratio Lower Upper

152 100

150 158.2 127.0 190.6

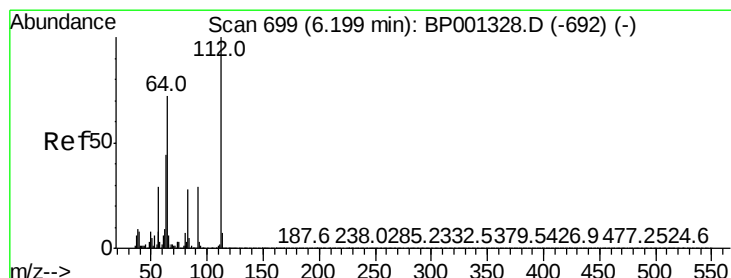
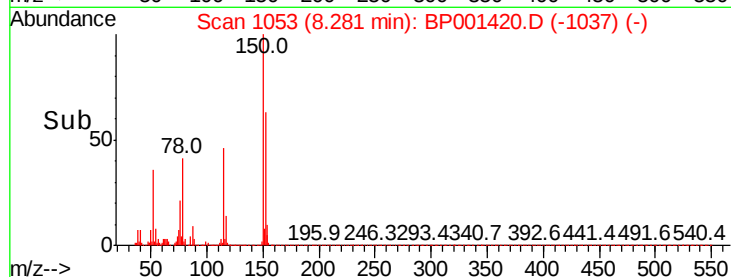
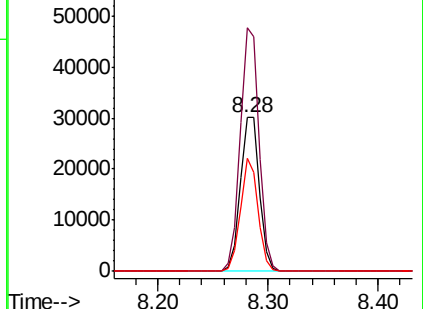
115 73.4 56.1 84.1



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: 126.575 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

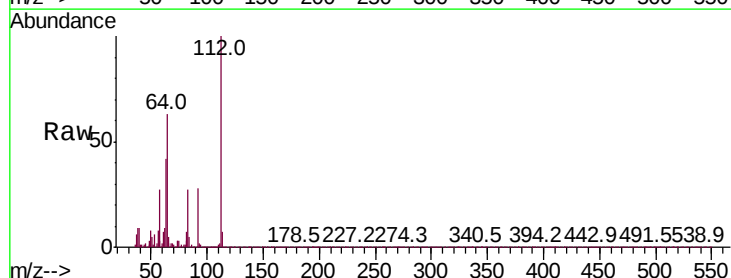
Tgt Ion:112 Resp: 287696

Ion Ratio Lower Upper

112 100

64 63.3 53.9 80.9

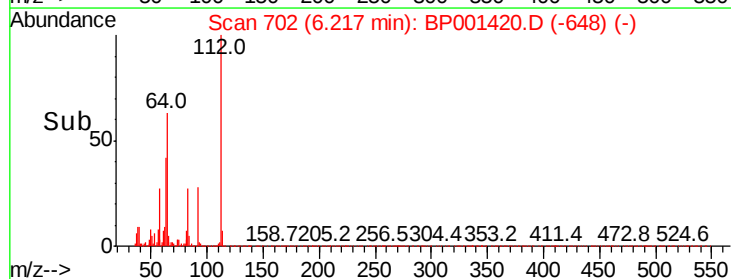
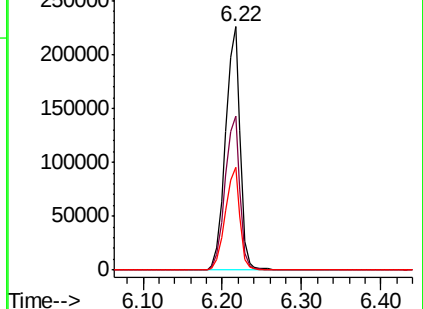
63 42.3 33.4 50.0

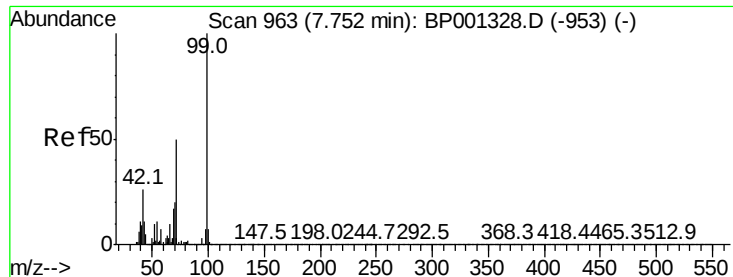


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 156.467 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

PB125664TB

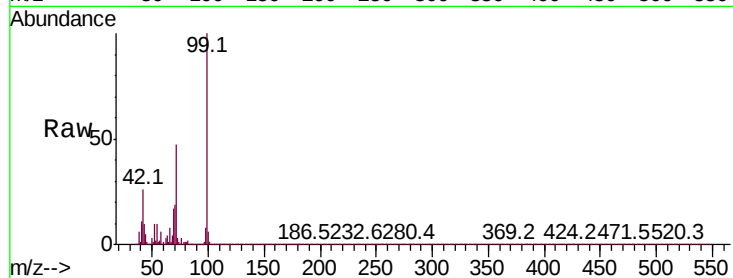
Tot Ion: 99 Resp: 464064

Ion Ratio Lower Upper

99 100

42 26.4 20.8 31.2

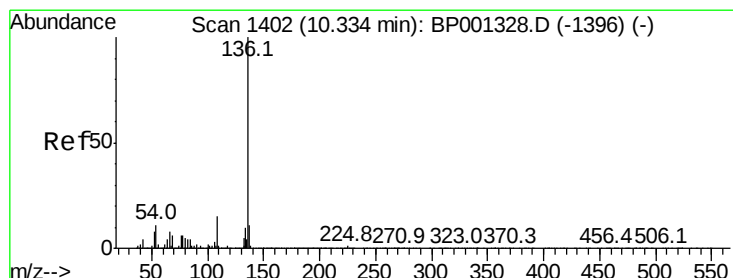
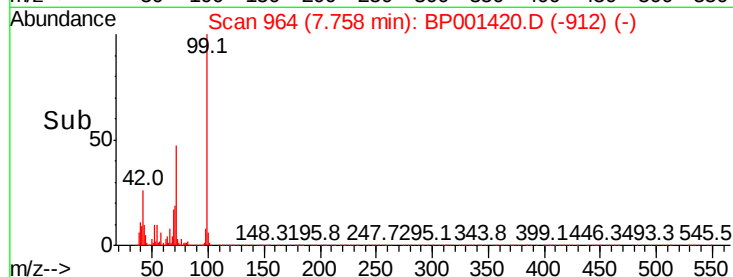
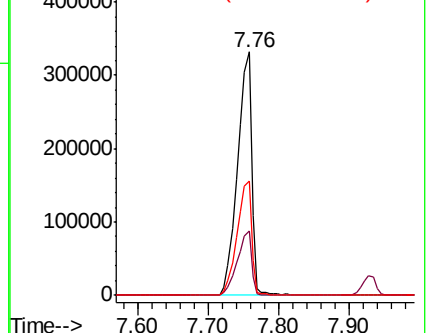
71 46.7 38.2 57.4



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: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Tgt Ion: 136 Resp: 131206

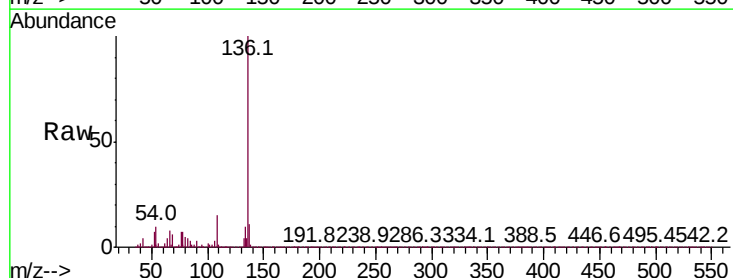
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.7 7.3 10.9

68 5.5 3.8 5.6

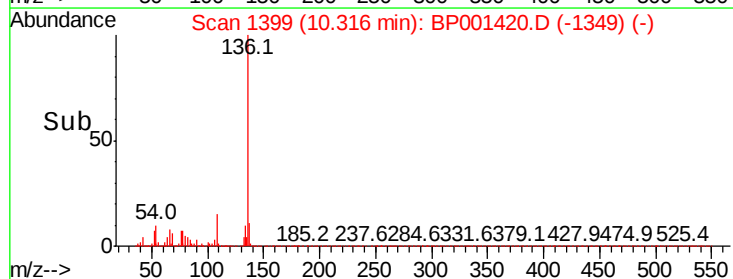
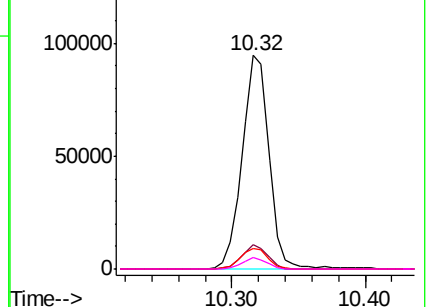


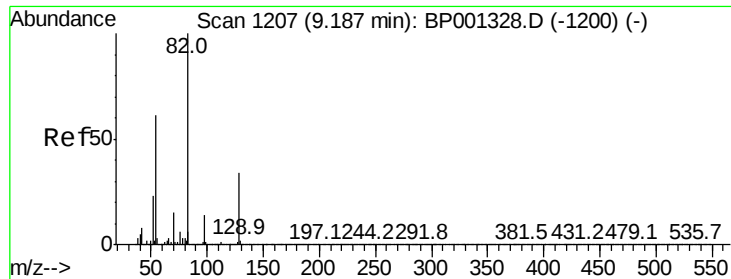
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.650 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

PB125664TB

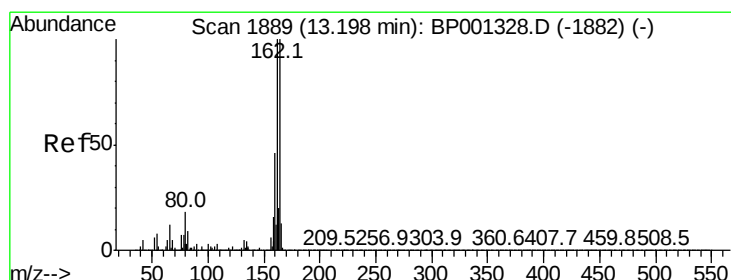
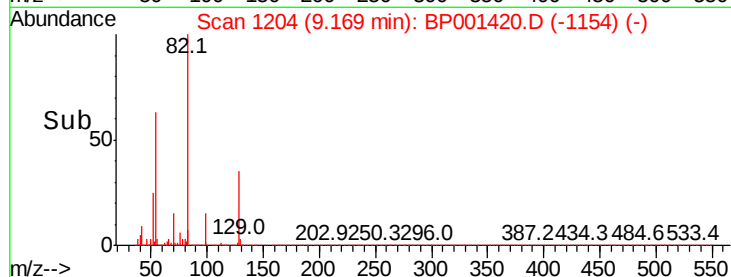
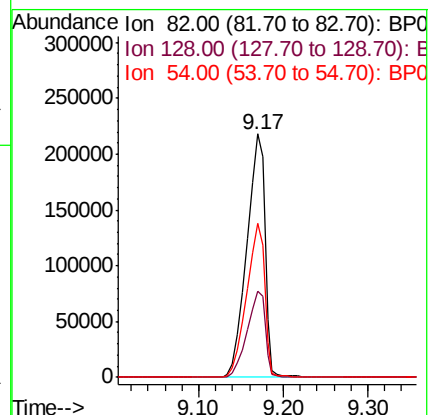
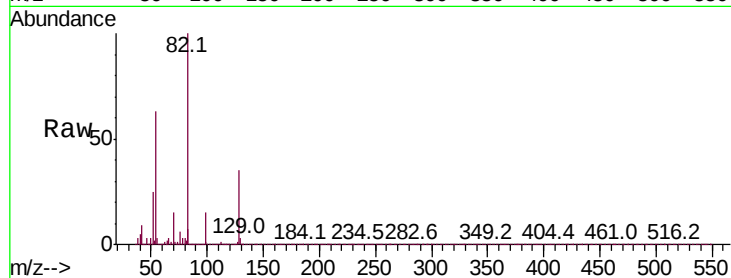
Tot Ion: 82 Resp: 323391

Ion Ratio Lower Upper

82 100

128 35.4 27.4 41.0

54 63.3 47.5 71.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

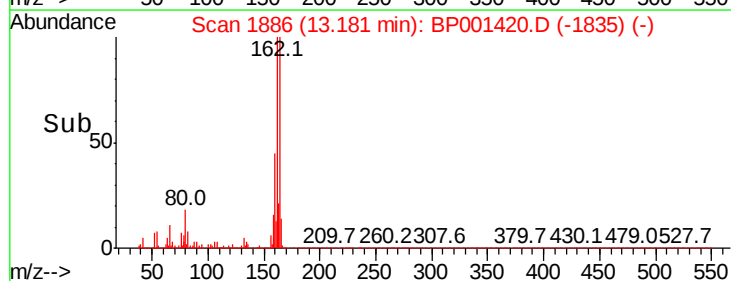
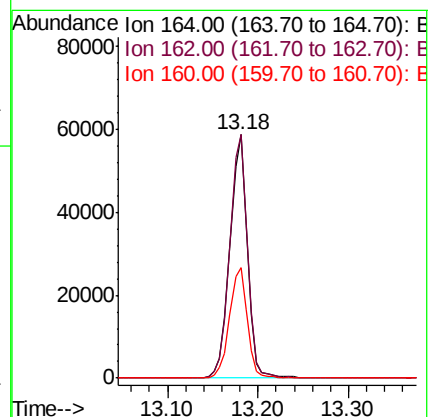
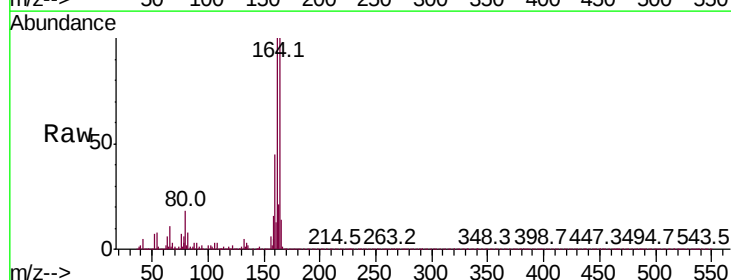
Tgt Ion: 164 Resp: 78895

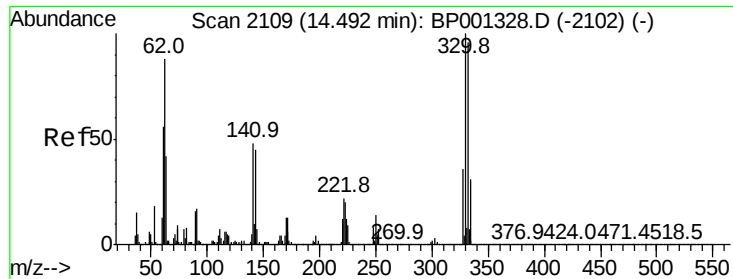
Ion Ratio Lower Upper

164 100

162 100.0 78.2 117.4

160 45.2 35.1 52.7

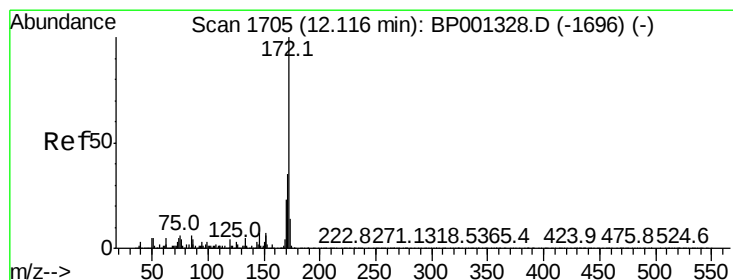
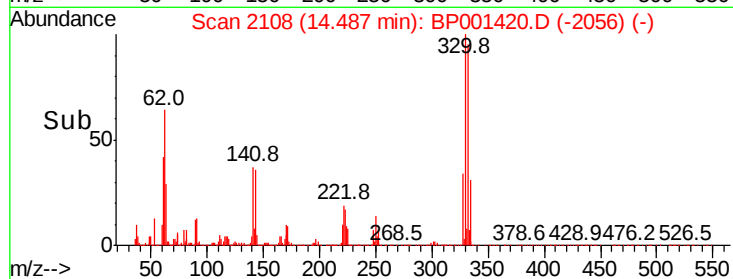
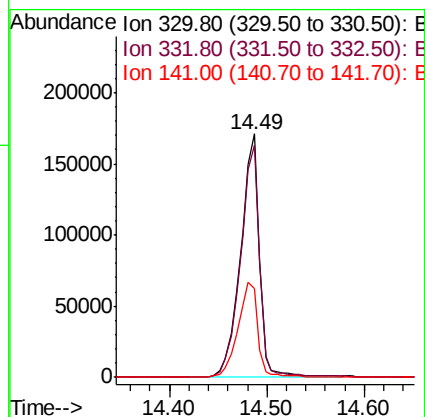
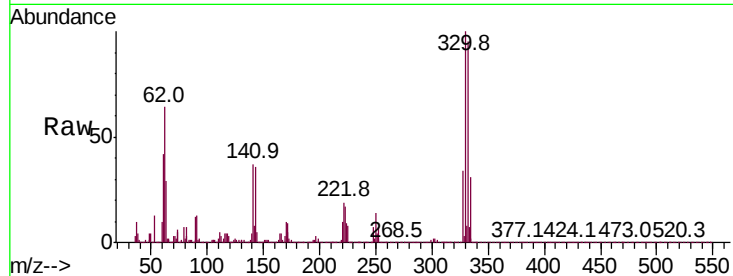




#42
 2,4,6-Tribromophenol
 Concen: 233.759 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: BP001420.D
 Acq: 26 Dec 2019 14:26

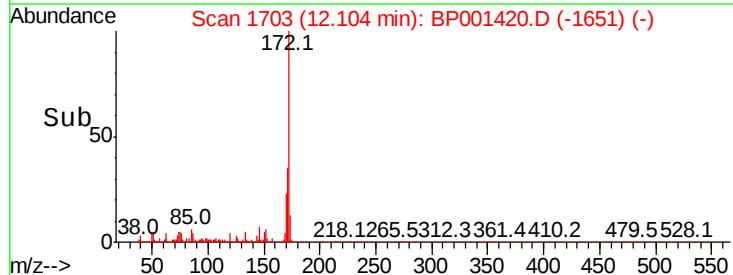
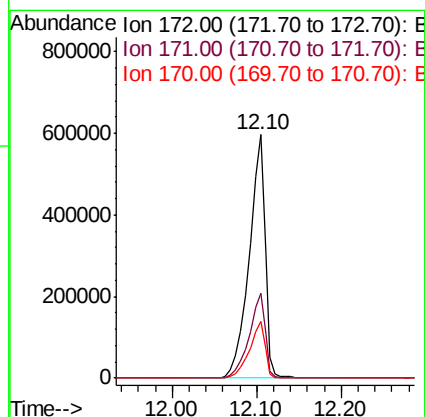
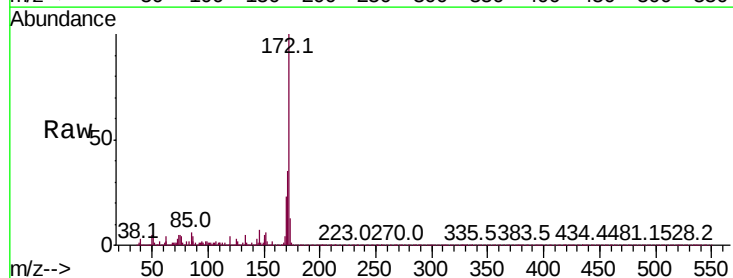
Instrument :
 BNA_P
 ClientSampleId :
 PB125664TB

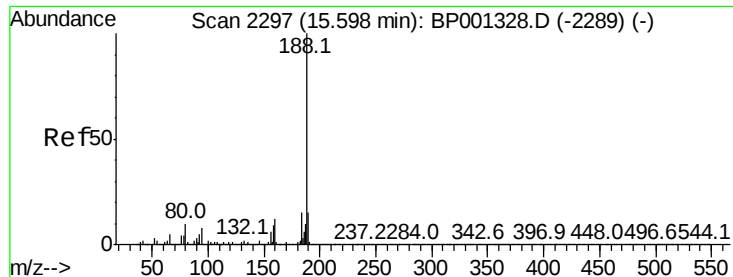
Tot Ion:330 Resp: 230572
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.3 117.5
 141 41.4 26.8 40.2#



#45
 2-Fluorobiphenyl
 Concen: 124.819 ng
 RT: 12.10 min Scan# 1703
 Delta R.T. 0.01 min
 Lab File: BP001420.D
 Acq: 26 Dec 2019 14:26

Tgt Ion:172 Resp: 778782
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.4 41.0
 170 23.1 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

PB125664TB

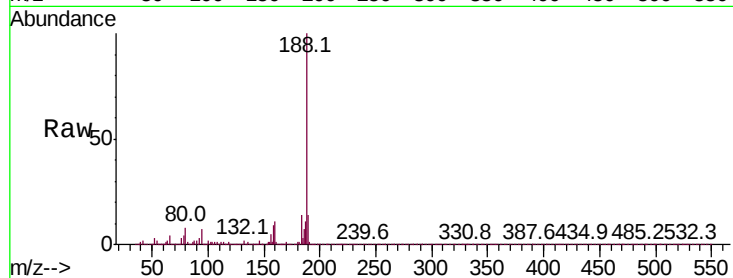
Tot Ion:188 Resp: 150038

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

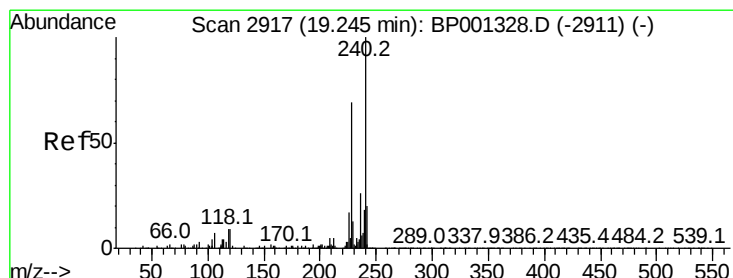
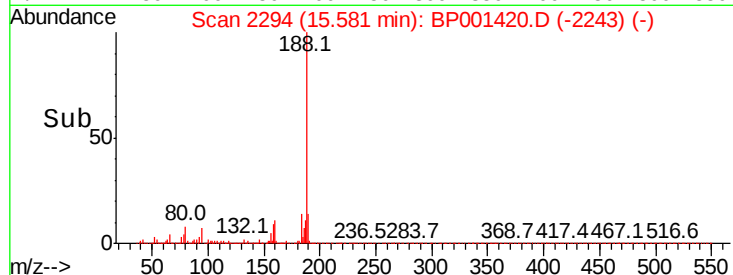
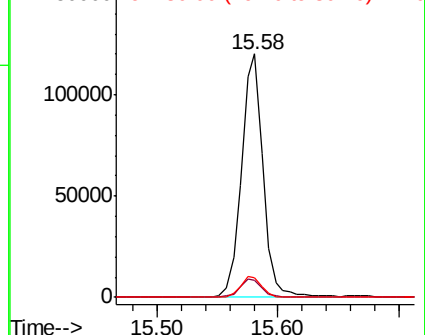
80 8.1 5.7 8.5



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: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

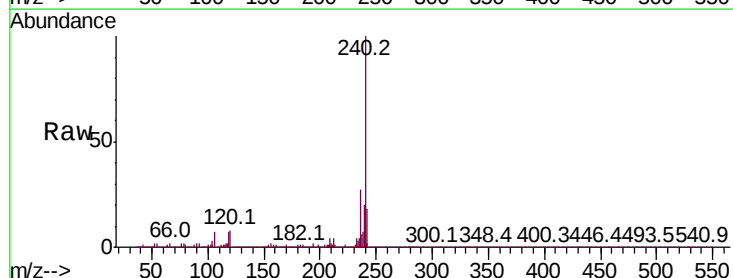
Tgt Ion:240 Resp: 114116

Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.2

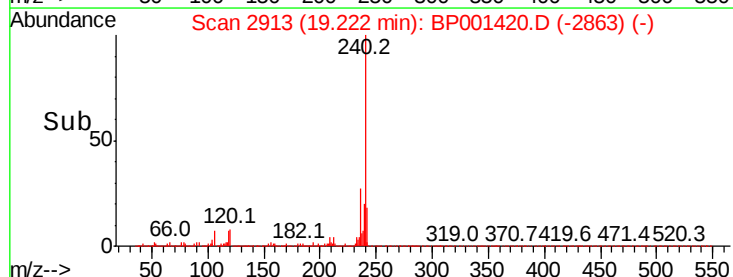
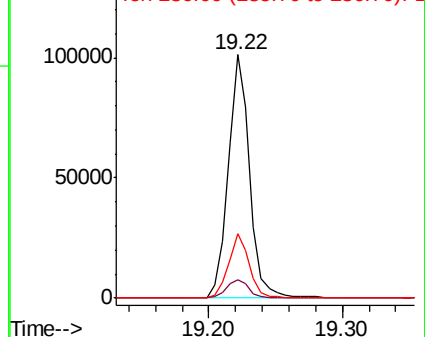
236 26.6 20.2 30.2

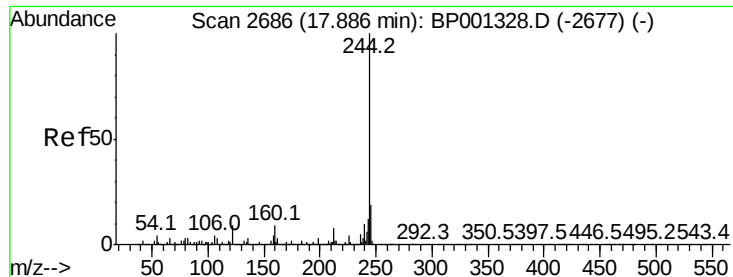


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 182.558 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

PB125664TB

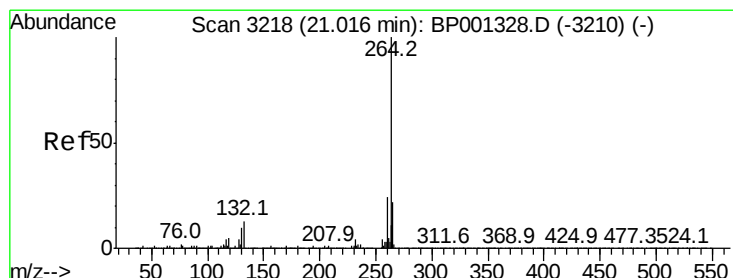
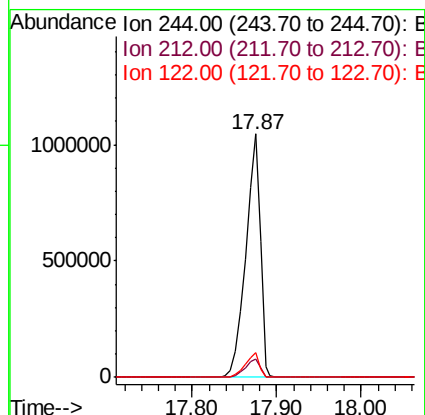
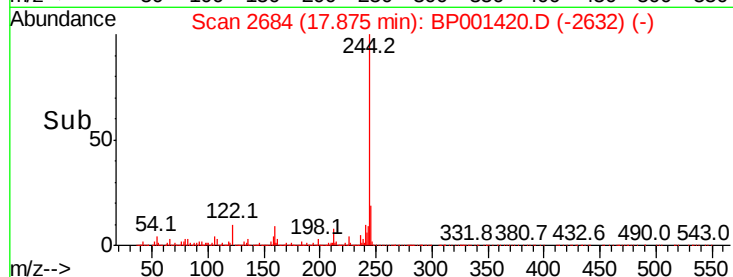
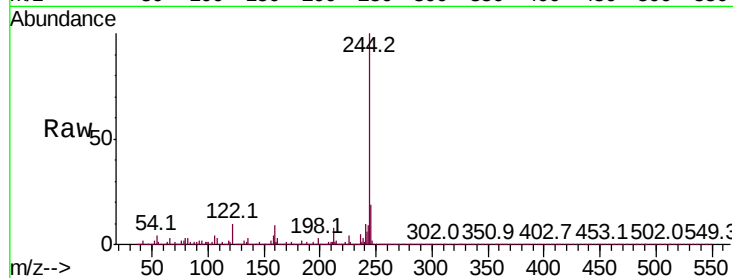
Tot Ion:244 Resp: 1216328

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 10.3 6.4 9.6#



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Tgt Ion:264 Resp: 113406

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.5 17.0 25.4

