

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002987.D
 Acq On : 14 Aug 2020 16:29
 Operator : CG/JU
 Sample : L3648-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-9

Quant Time: Aug 17 04:46:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	375940	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1319136	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	744502	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1511008	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1626087	20.00	ng	0.00
86) Perylene-d12	23.42	264	1823079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1125432	45.82	ng	0.00
7) Phenol-d6	6.86	99	908771	26.65	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1671558	68.63	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1123914	121.46	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4252681	78.04	ng	-0.01
79) Terphenyl-d14	19.66	244	5465786	67.29	ng	-0.01

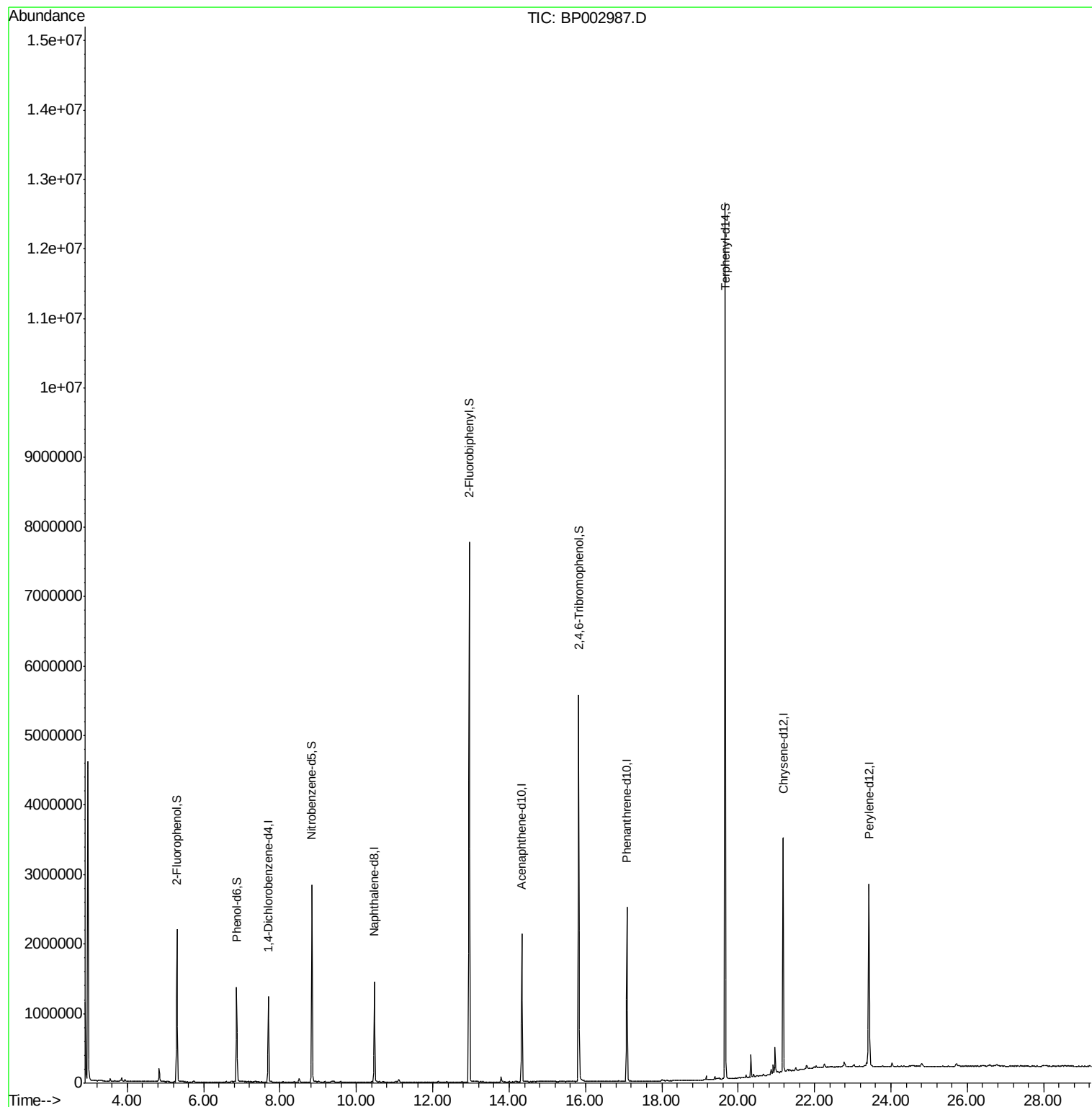
Target Compounds Qvalue

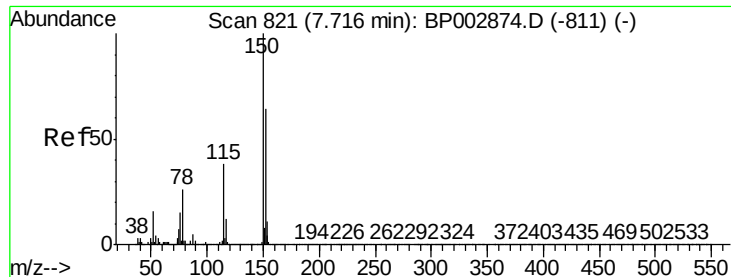
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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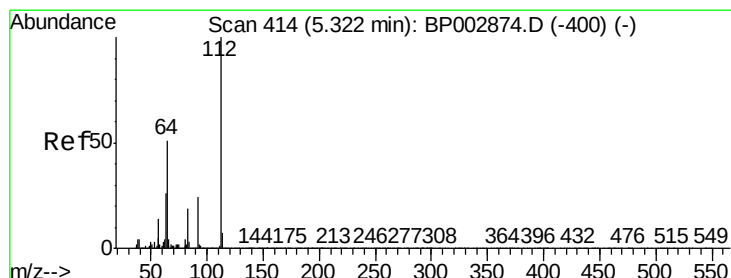
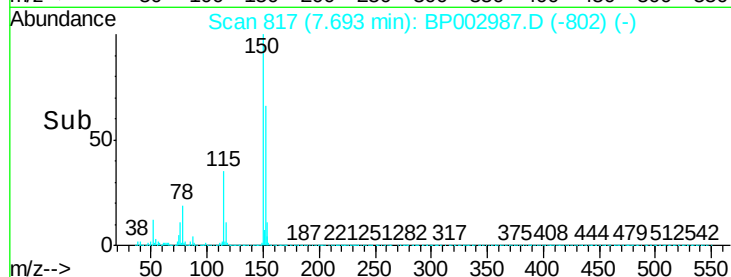
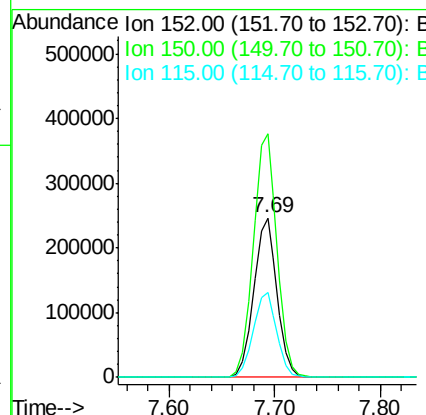
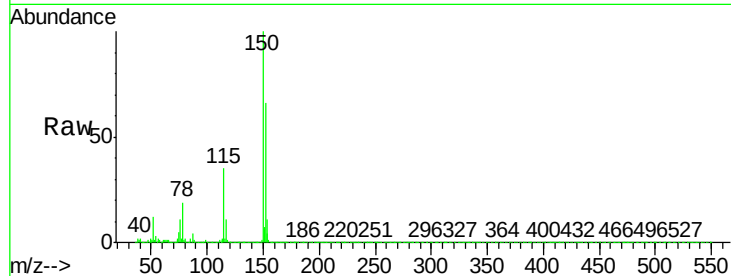


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BP002987.D
 Acq: 14 Aug 2020 16:29

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-9

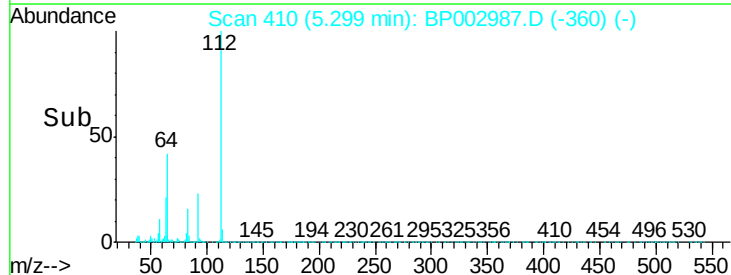
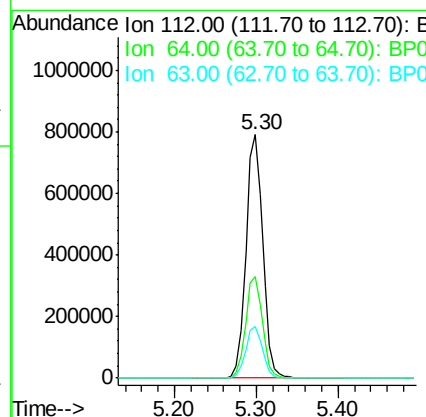
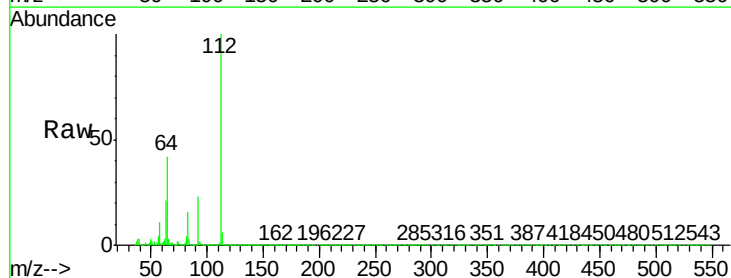
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.2	186.4
115	52.9	42.1	63.1

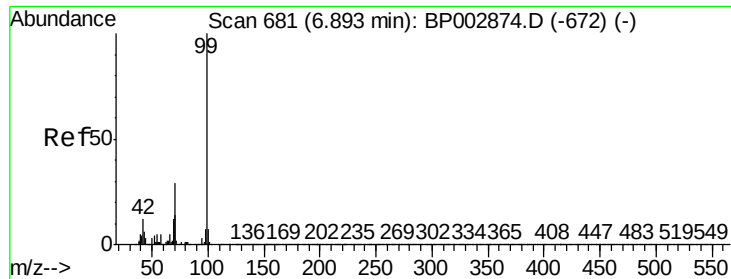


#5

2-Fluorophenol
 Concen: 45.818 ng
 RT: 5.30 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BP002987.D
 Acq: 14 Aug 2020 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.7	33.8	50.8
63	21.2	17.2	25.8





#7

Phenol-d6

Concen: 26.648 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002987.D

Acq: 14 Aug 2020 16:29

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

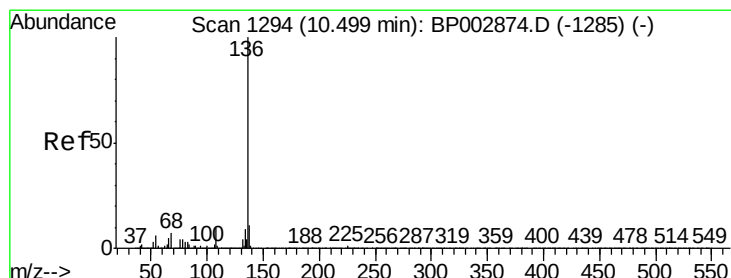
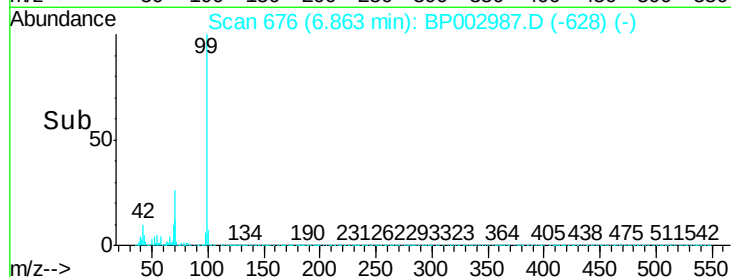
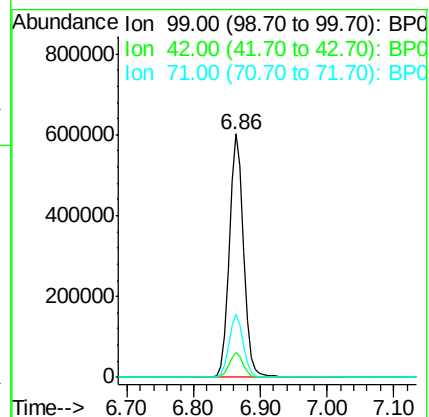
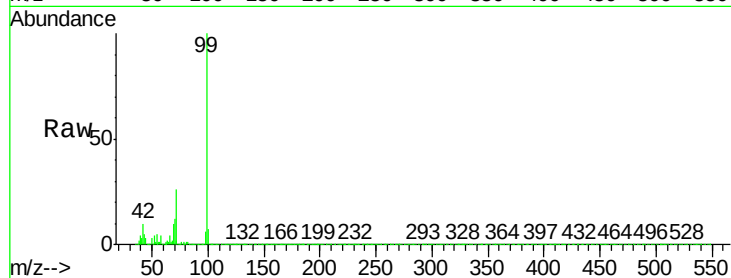
Tot Ion: 99 Resp: 908771

Ion Ratio Lower Upper

99 100

42 10.3 8.1 12.1

71 25.9 21.0 31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP002987.D

Acq: 14 Aug 2020 16:29

Tgt Ion: 136 Resp: 1319136

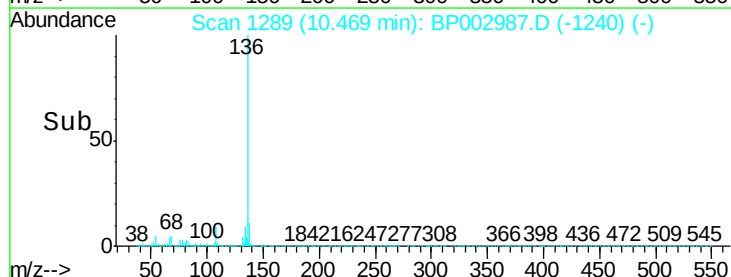
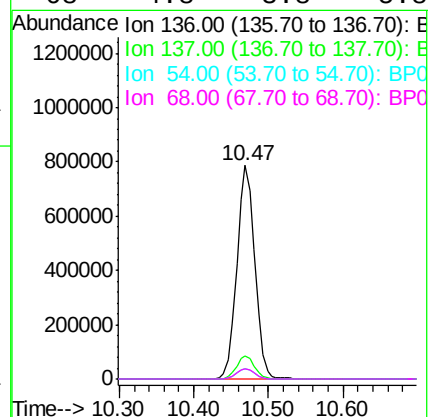
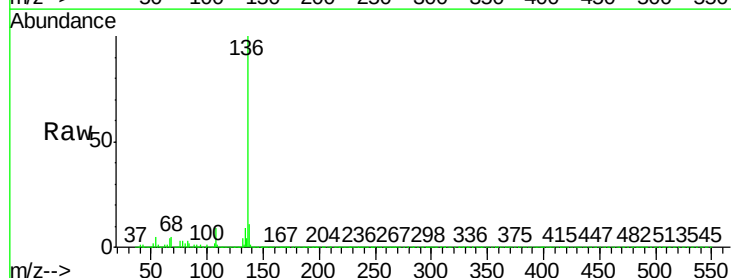
Ion Ratio Lower Upper

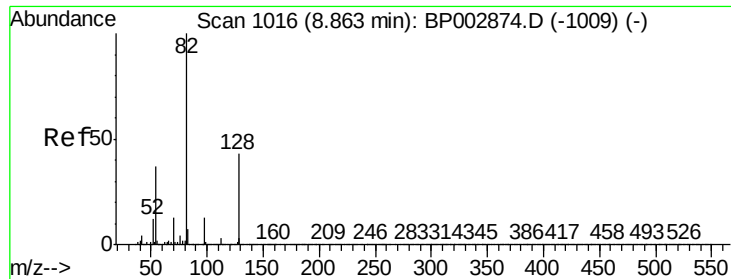
136 100

137 10.8 9.0 13.4

54 4.8 3.9 5.9

68 4.8 3.8 5.8

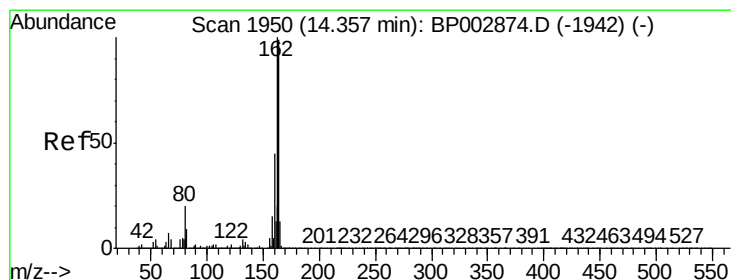
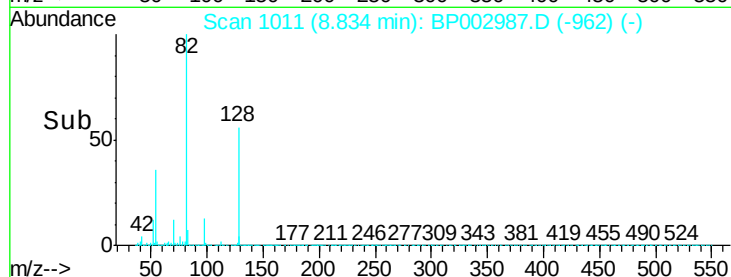
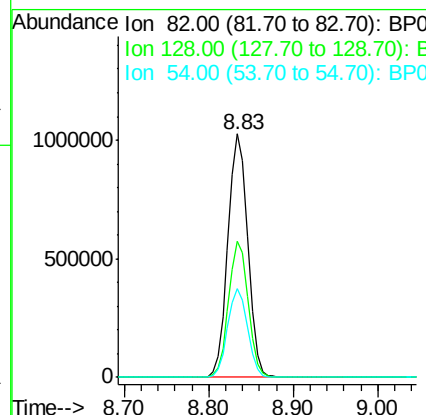
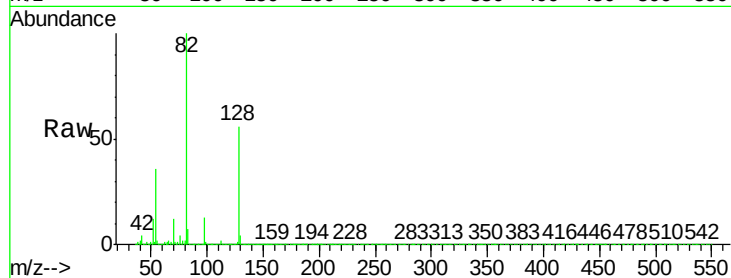




#23
 Nitrobenzene-d5
 Concen: 68.632 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002987.D
 Acq: 14 Aug 2020 16:29

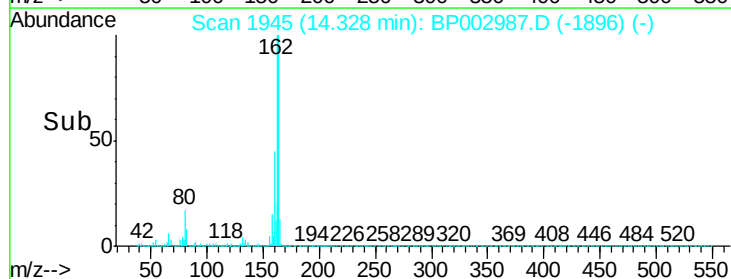
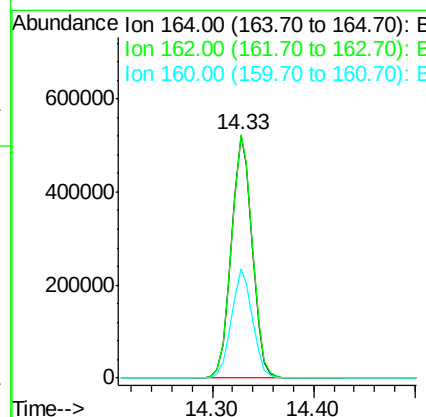
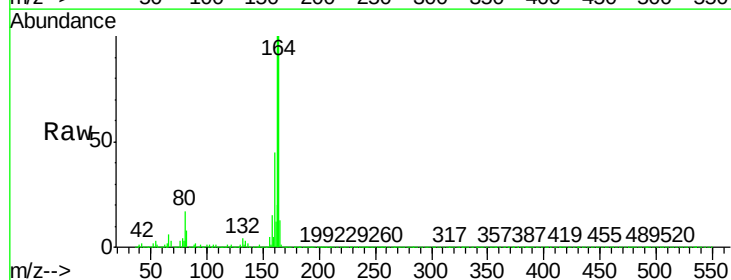
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-9

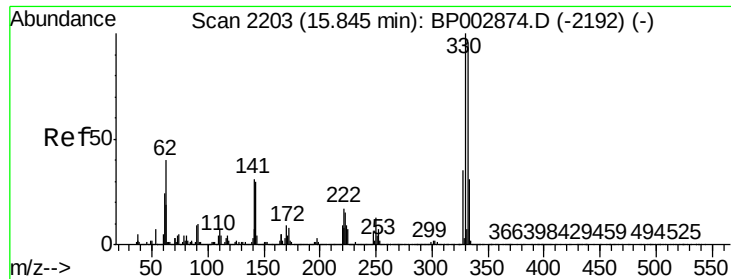
Tot Ion: 82 Resp: 1671558
 Ion Ratio Lower Upper
 82 100
 128 55.7 44.6 66.8
 54 36.4 29.2 43.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BP002987.D
 Acq: 14 Aug 2020 16:29

Tgt Ion:164 Resp: 744502
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.0 121.4
 160 45.1 36.2 54.4

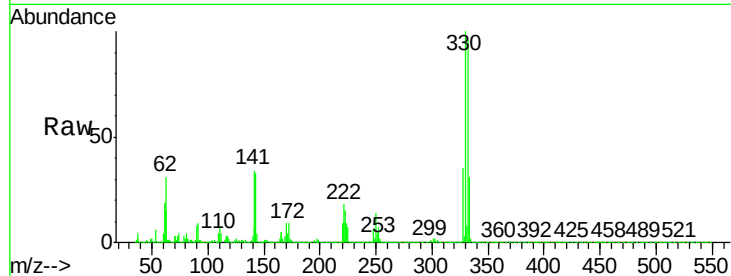




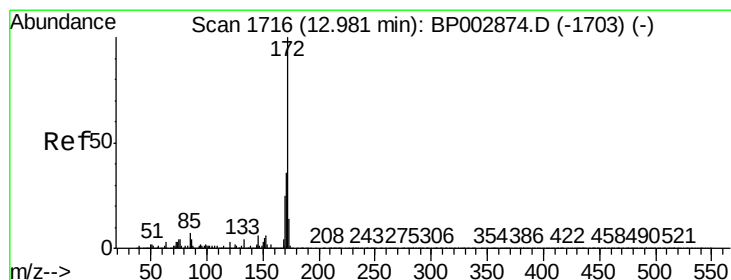
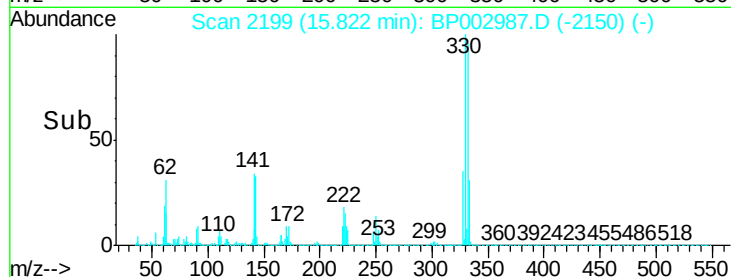
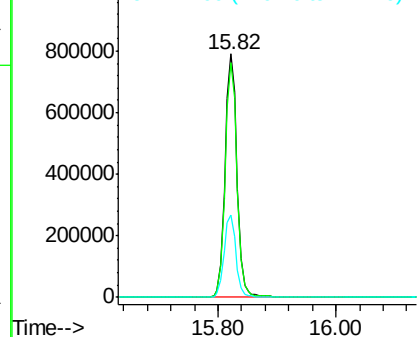
#42
2,4,6-Tribromophenol
Concen: 121.461 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP002987.D
Acq: 14 Aug 2020 16:29

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-9

Tot Ion:330 Resp: 1123914
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.4
141 34.1 28.6 43.0

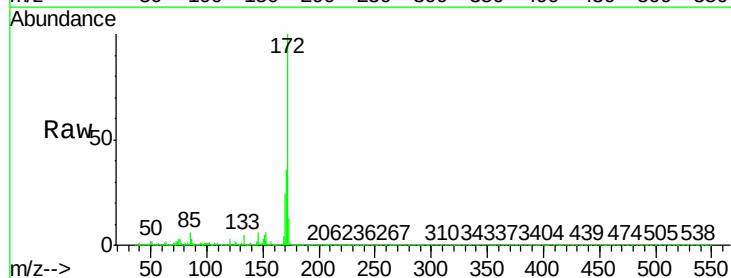


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

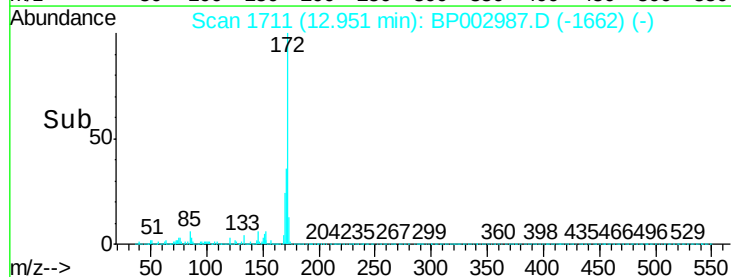
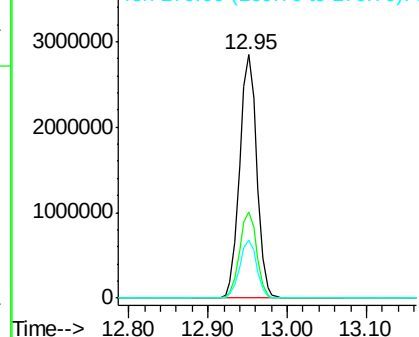


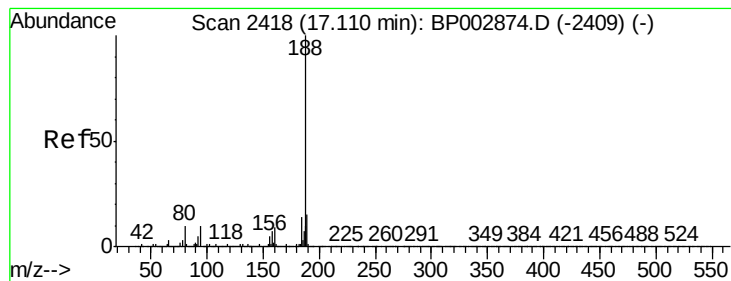
#45
2-Fluorobiphenyl
Concen: 78.044 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BP002987.D
Acq: 14 Aug 2020 16:29

Tgt Ion:172 Resp: 4252681
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.8 19.6 29.4



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: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002987.D

Acq: 14 Aug 2020 16:29

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

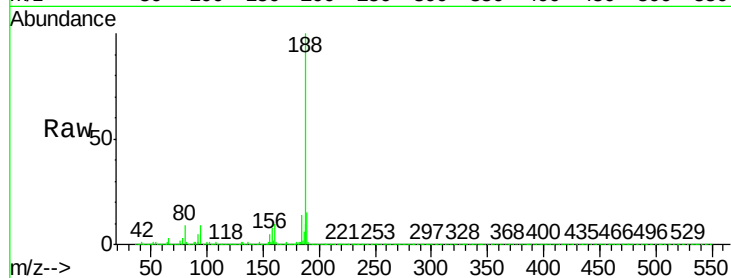
Tot Ion:188 Resp: 1511008

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

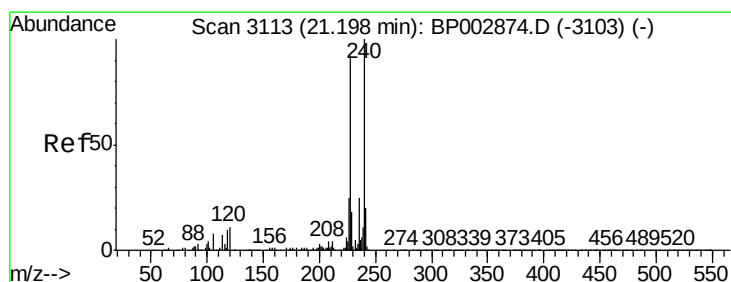
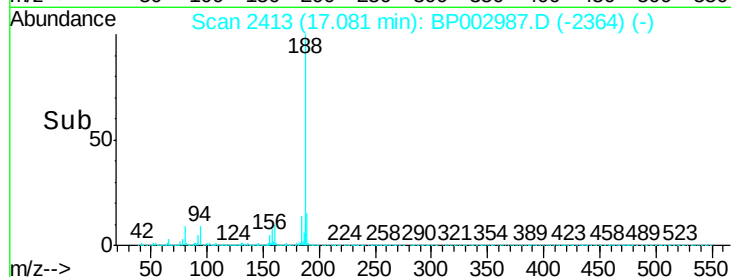
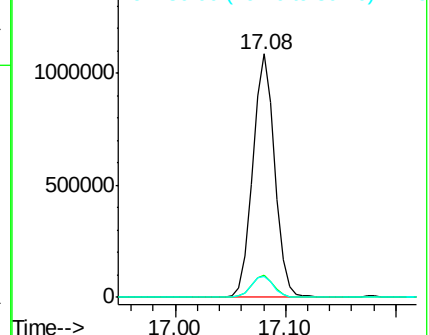
80 8.8 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002987.D

Acq: 14 Aug 2020 16:29

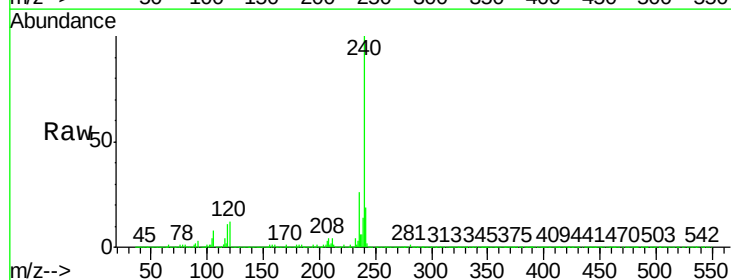
Tgt Ion:240 Resp: 1626087

Ion Ratio Lower Upper

240 100

120 11.6 10.6 16.0

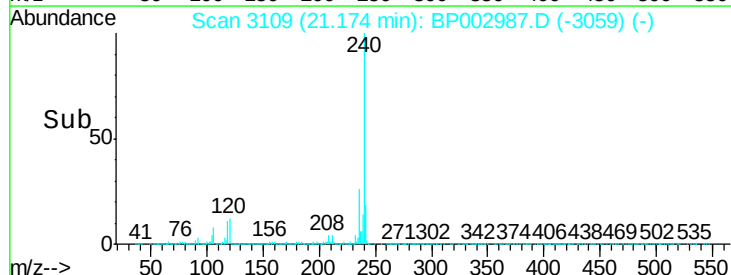
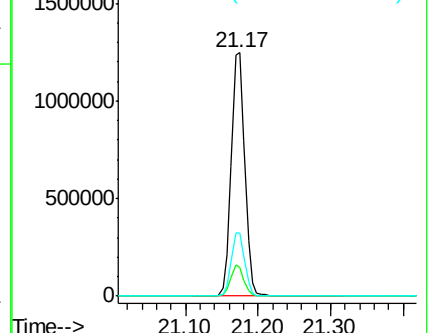
236 25.9 20.7 31.1

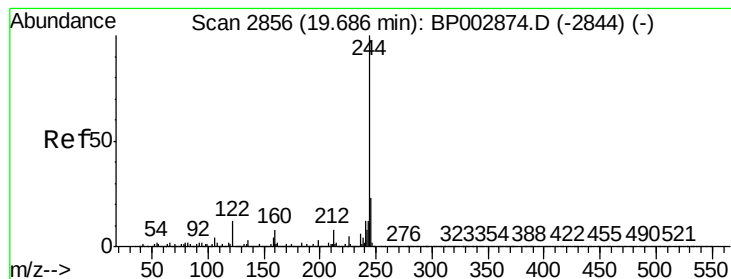


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.292 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002987.D

Acq: 14 Aug 2020 16:29

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

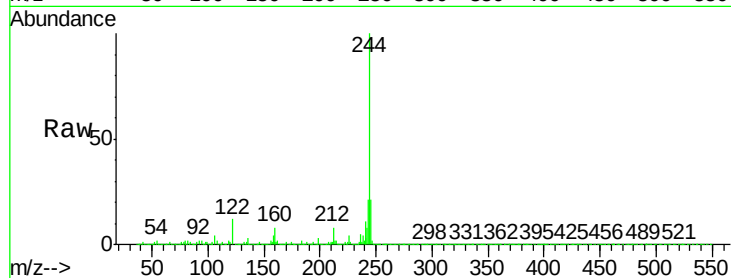
Tot Ion:244 Resp: 5465786

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

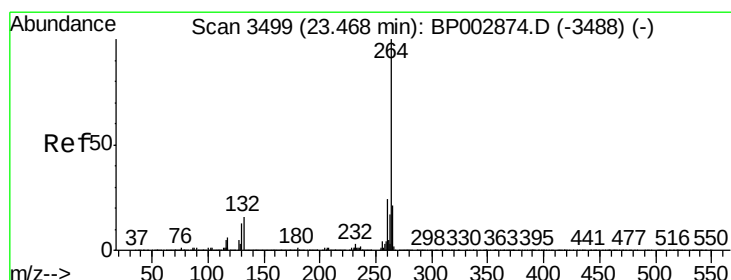
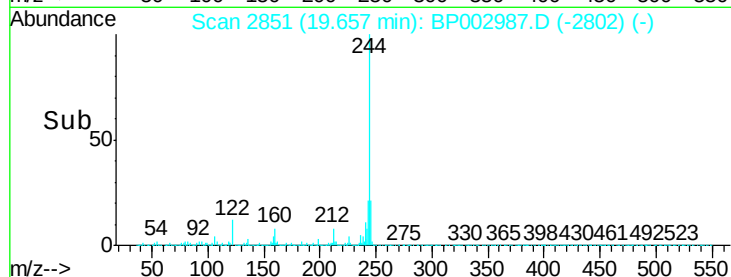
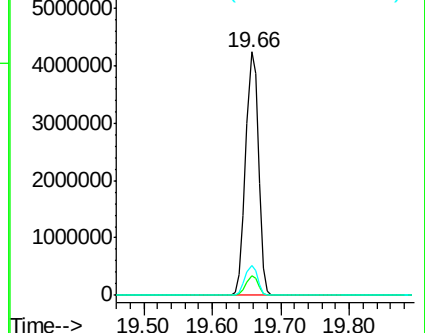
122 12.3 9.9 14.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BP002987.D

Acq: 14 Aug 2020 16:29

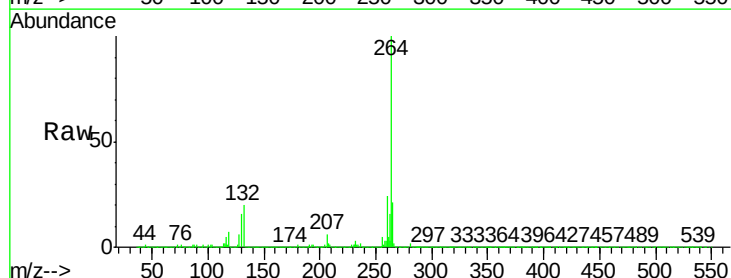
Tgt Ion:264 Resp: 1823079

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.4 17.6 26.4



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

