

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002974.D
 Acq On : 13 Aug 2020 19:46
 Operator : CG/JU
 Sample : L3648-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-8

Quant Time: Aug 14 02:48:39 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	338697	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1412706	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	885255	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1889386	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1912342	20.00	ng	0.00
86) Perylene-d12	23.43	264	1979995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1047669	47.34	ng	0.00
7) Phenol-d6	6.86	99	802110	26.11	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1612144	61.81	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1182805	107.50	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4638416	71.59	ng	-0.01
79) Terphenyl-d14	19.66	244	6429643	67.31	ng	0.00

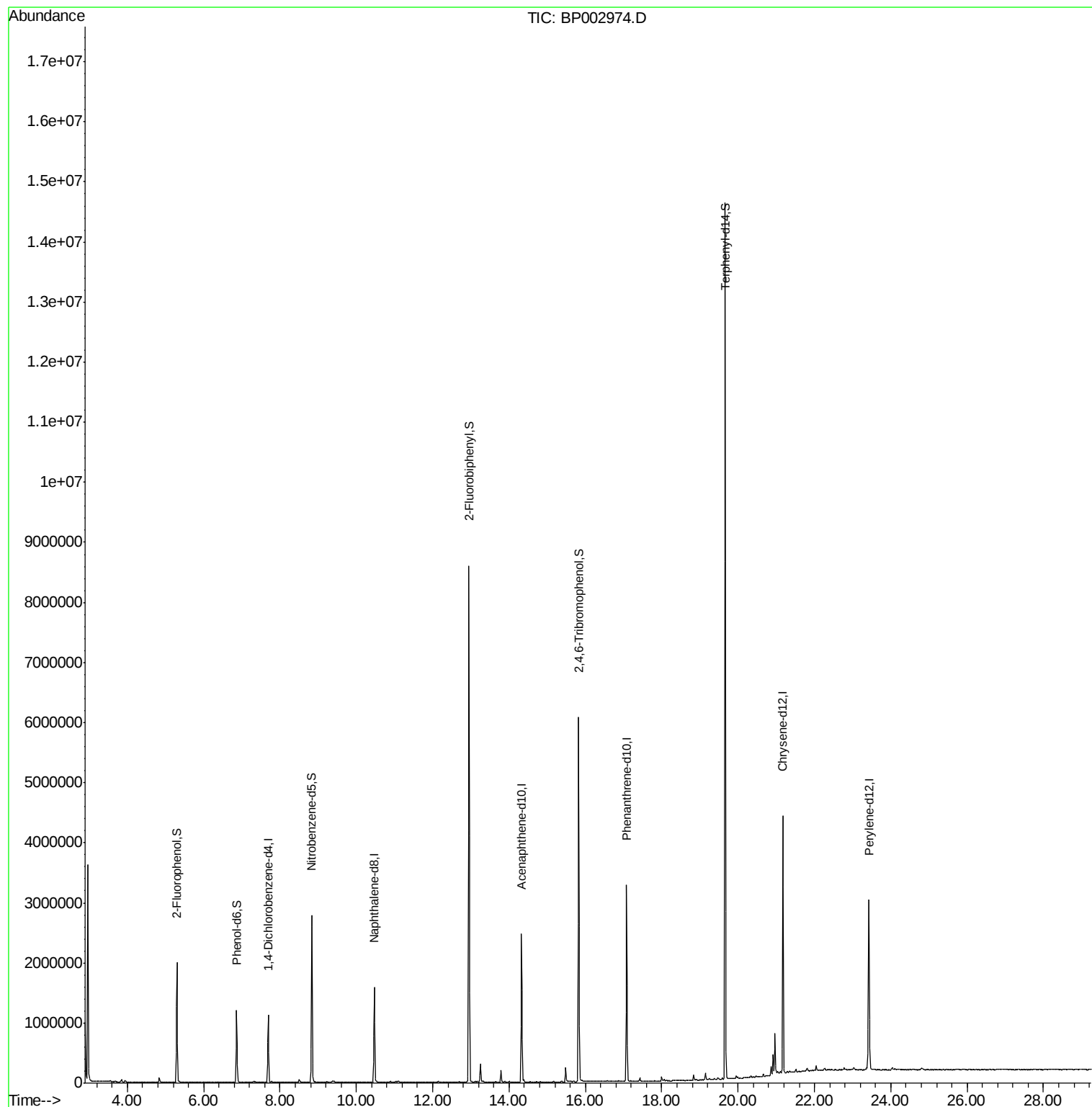
Target Compounds Qvalue

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

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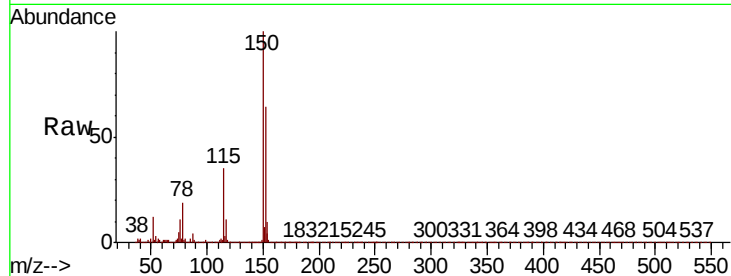


#1

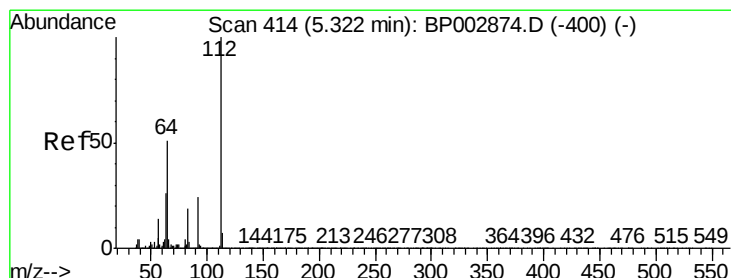
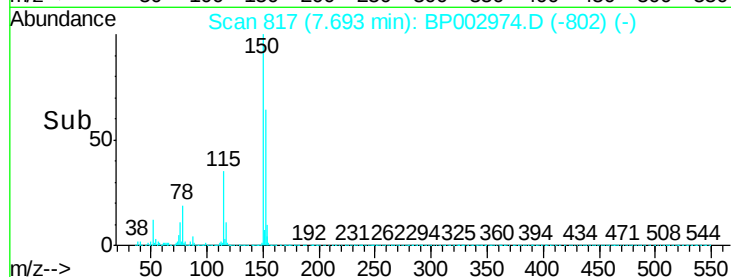
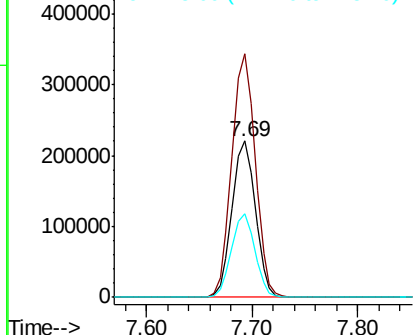
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.4
115	53.9	42.1	63.1



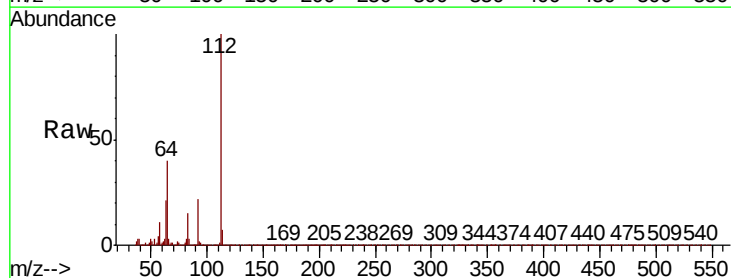
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



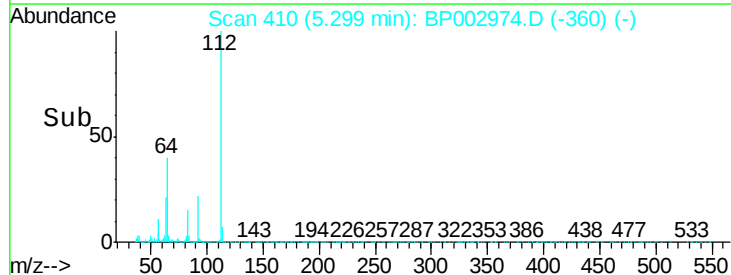
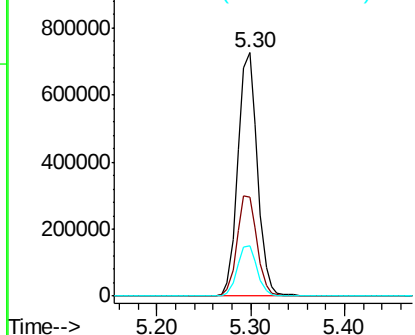
#5

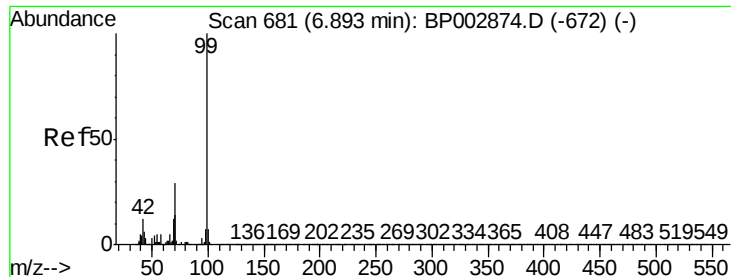
2-Fluorophenol
Concen: 47.342 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.4	33.8	50.8
63	20.9	17.2	25.8



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: 26.107 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

Instrument :

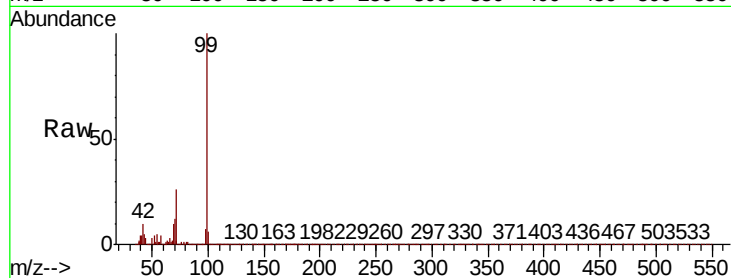
BNA_P

ClientSampleId :

BS-STOCK-8

Tot Ion: 99 Resp: 802110

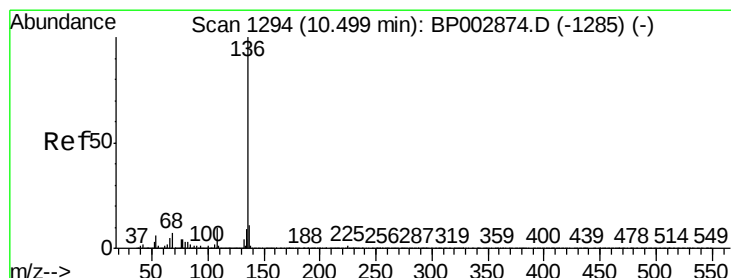
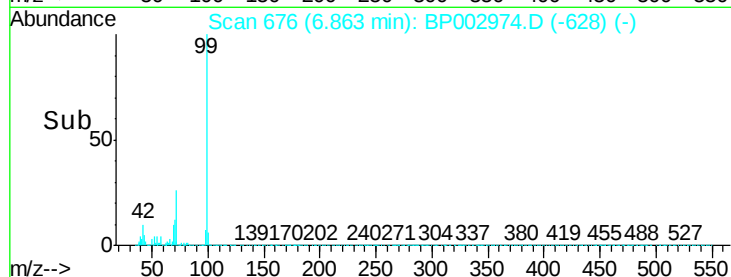
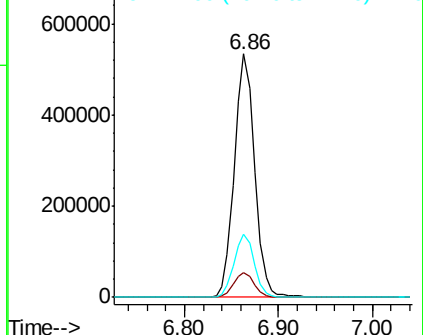
Ion	Ratio	Lower	Upper
99	100		
42	10.3	8.1	12.1
71	25.9	21.0	31.4



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: 10.47 min Scan# 1289

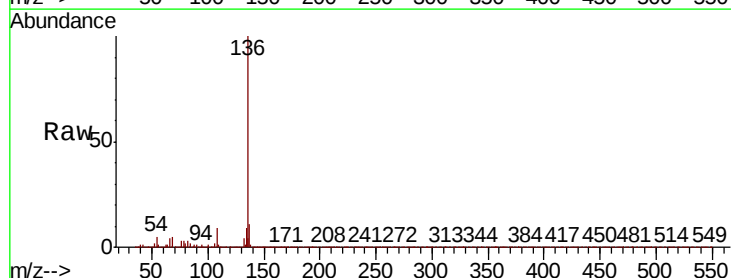
Delta R.T. -0.01 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

Tgt Ion: 136 Resp: 1412706

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	4.9	3.9	5.9
68	4.9	3.8	5.8

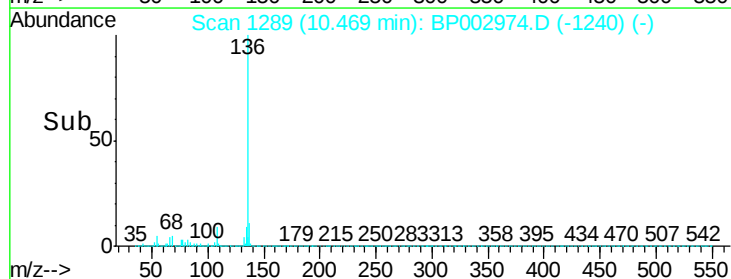
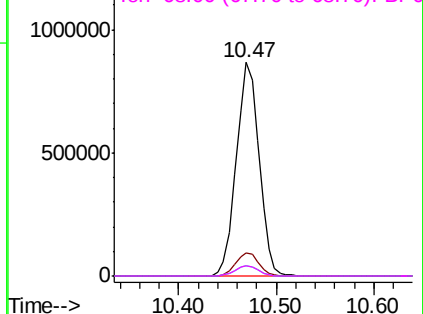


Abundance Ion 136.00 (135.70 to 136.70): E

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

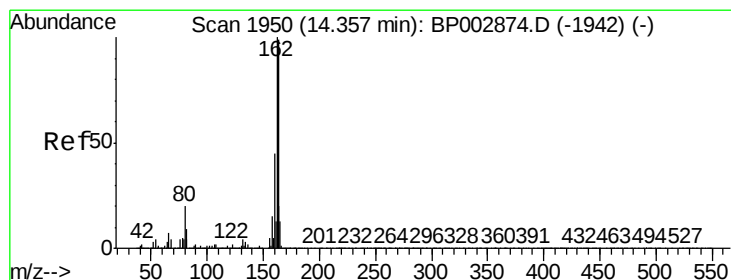
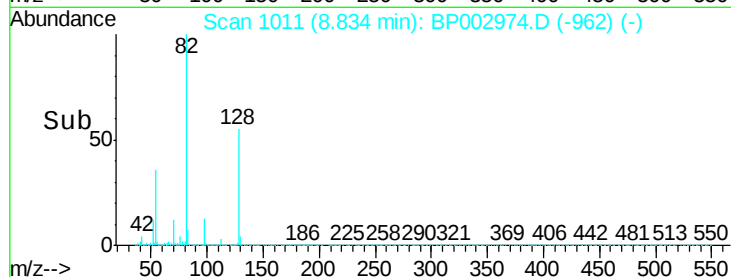
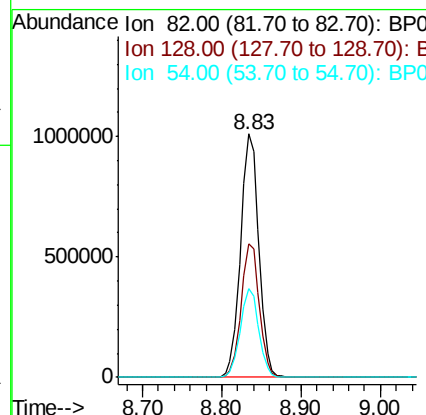
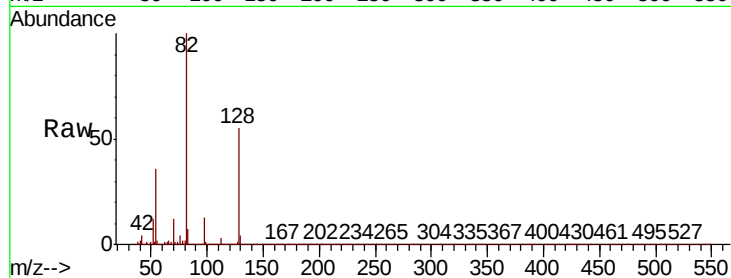




#23
 Nitrobenzene-d5
 Concen: 61.809 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002974.D
 Acq: 13 Aug 2020 19:46

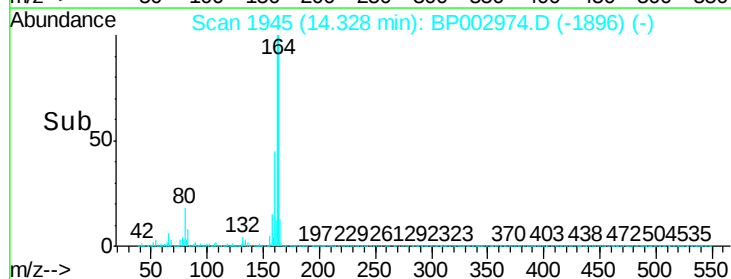
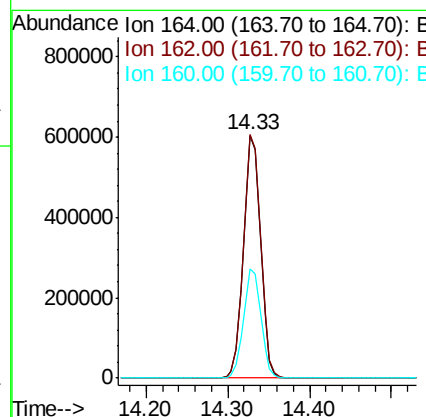
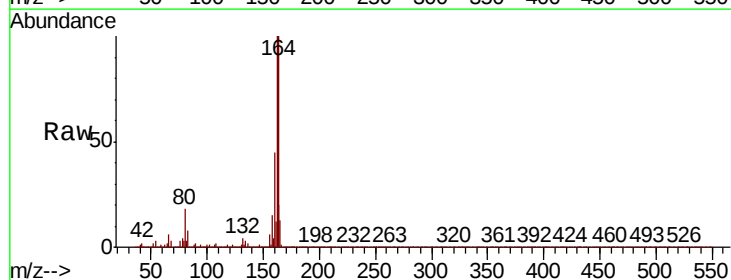
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-8

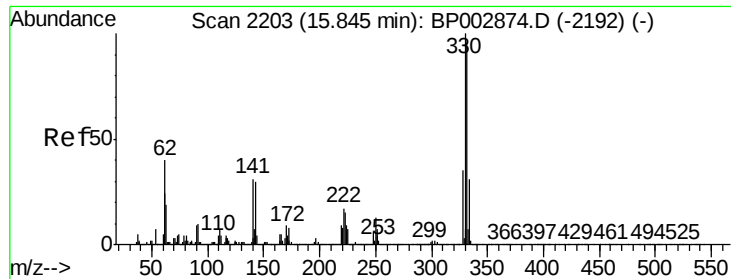
Tot Ion: 82 Resp: 1612144
 Ion Ratio Lower Upper
 82 100
 128 54.9 44.6 66.8
 54 36.2 29.2 43.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BP002974.D
 Acq: 13 Aug 2020 19:46

Tgt Ion:164 Resp: 885255
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.0 121.4
 160 45.2 36.2 54.4



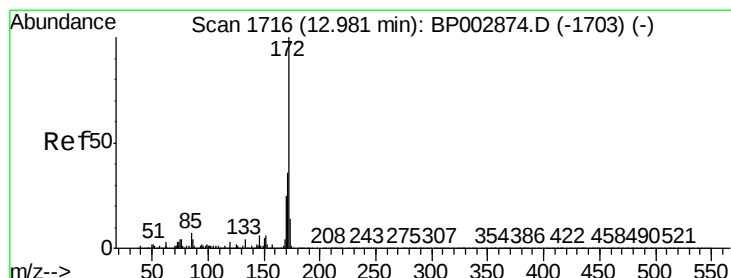
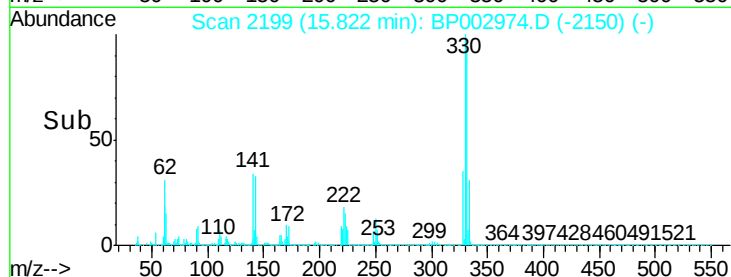
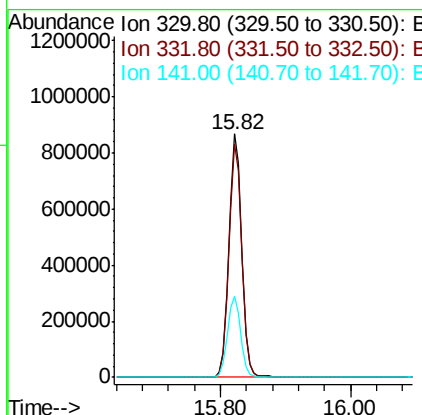
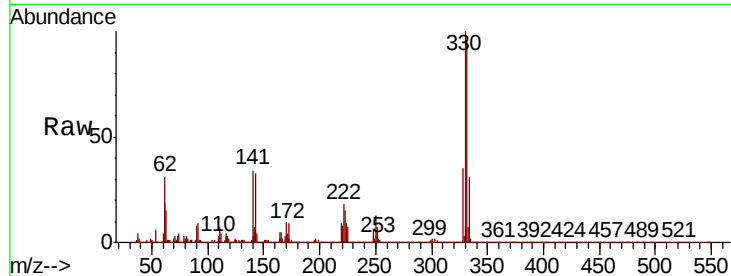


#42
 2,4,6-Tribromophenol
 Concen: 107.501 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002974.D
 Acq: 13 Aug 2020 19:46

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-8

Tot Ion:330 Resp: 1182805

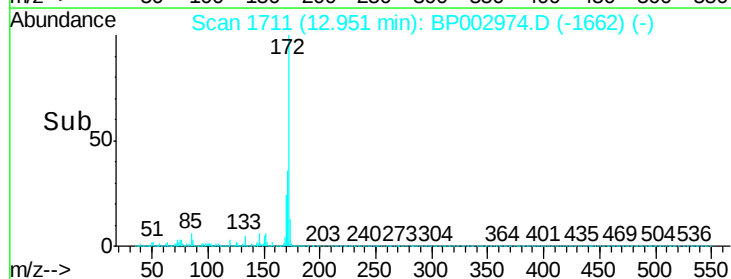
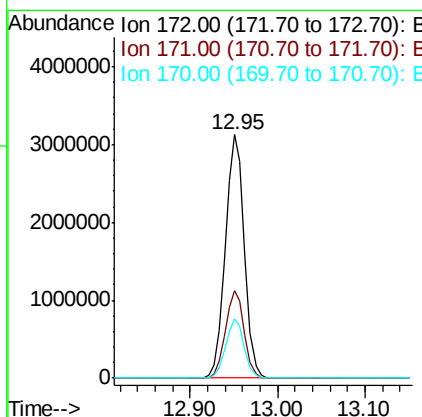
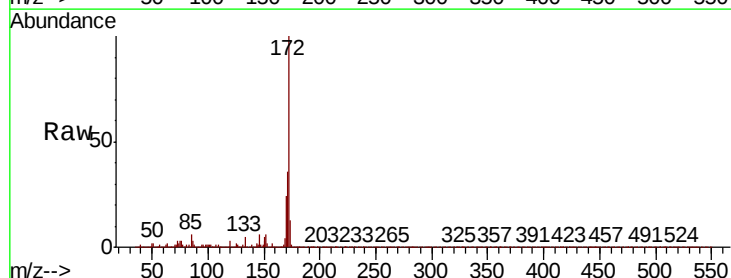
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	34.3	28.6	43.0

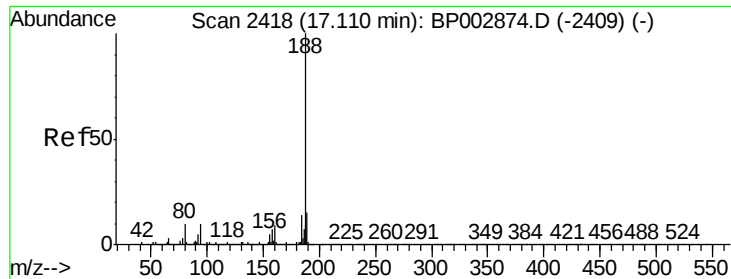


#45
 2-Fluorobiphenyl
 Concen: 71.589 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002974.D
 Acq: 13 Aug 2020 19:46

Tgt Ion:172 Resp: 4638416

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.6	29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-8

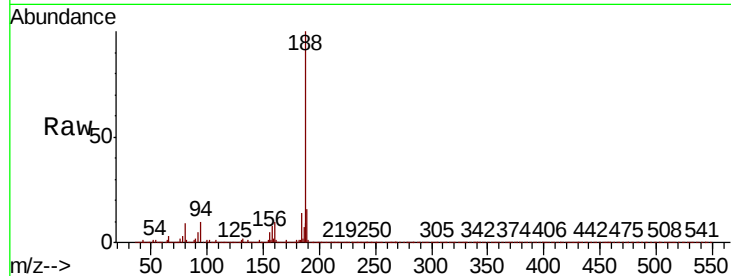
Tot Ion:188 Resp: 1889386

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

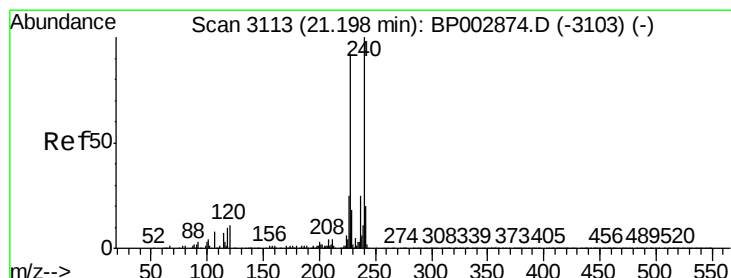
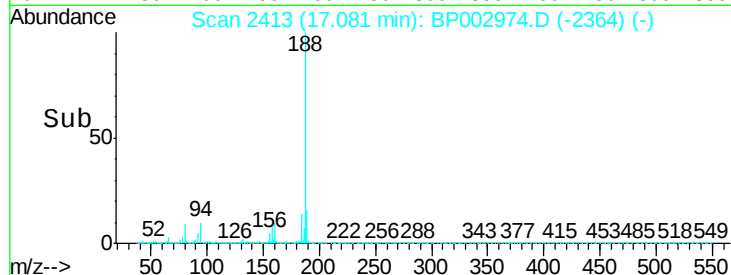
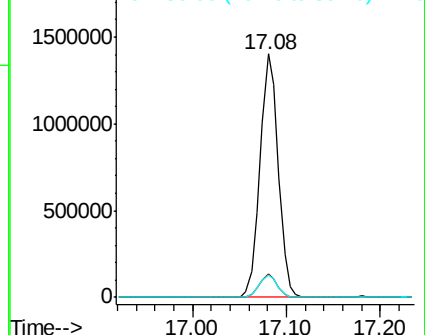
80 9.2 7.0 10.6



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: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

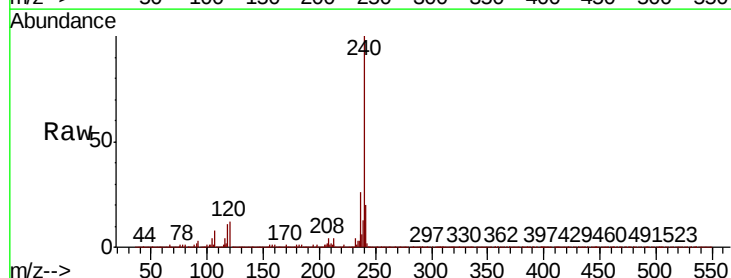
Tgt Ion:240 Resp: 1912342

Ion Ratio Lower Upper

240 100

120 12.2 10.6 16.0

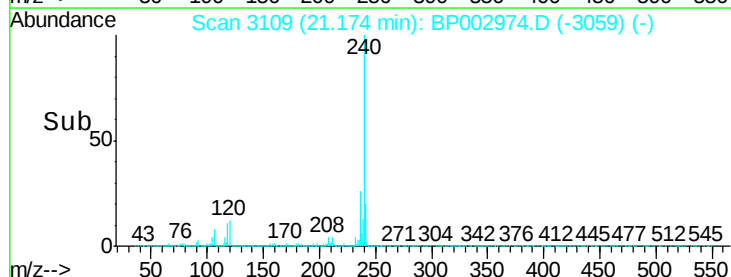
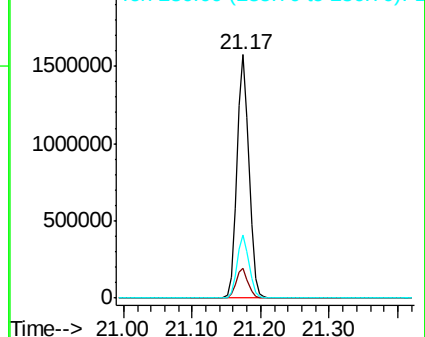
236 26.2 20.7 31.1

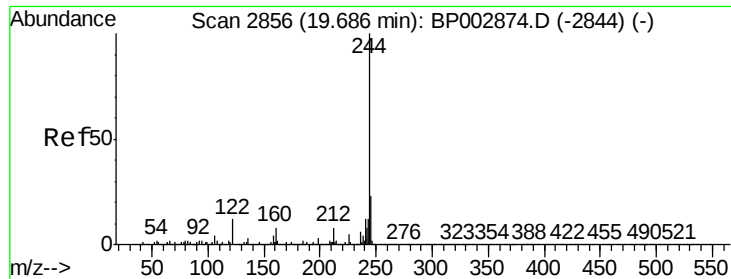


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.309 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-8

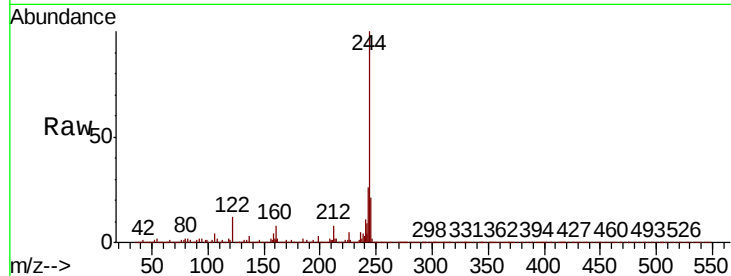
Tot Ion:244 Resp: 6429643

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

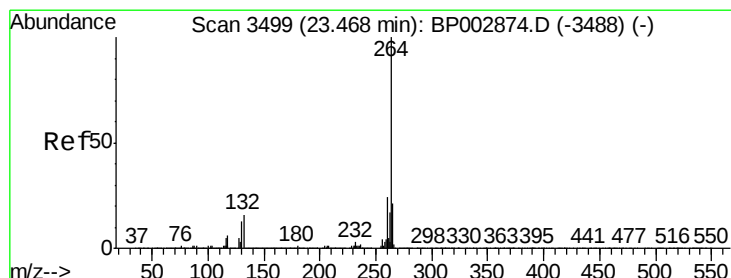
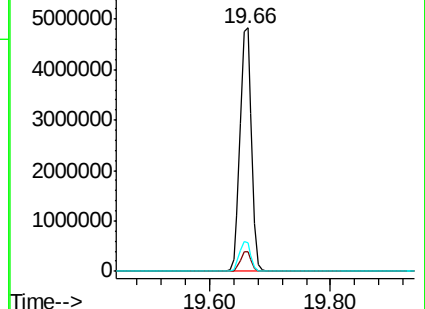
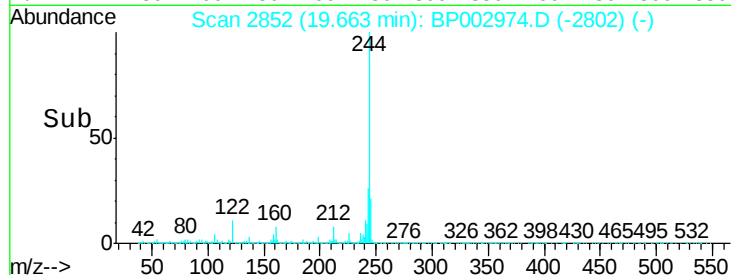
122 11.5 9.9 14.9



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: 23.43 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

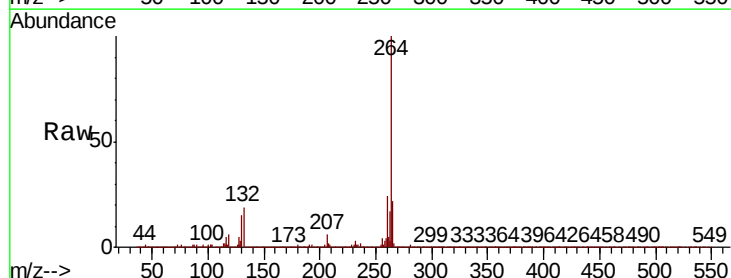
Tgt Ion:264 Resp: 1979995

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 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

