

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003057.D
 Acq On : 20 Aug 2020 10:08
 Operator : CG/JU
 Sample : PB130977BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130977BL

Quant Time: Aug 20 12:11:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	311515	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1204324	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	607449	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1200959	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1223172	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1050285	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1947113	95.66	ng	0.00
7) Phenol-d6	6.86	99	2213570	78.33	ng	0.00
23) Nitrobenzene-d5	8.83	82	1289059	57.97	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	793541	105.11	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3568238	80.26	ng	-0.01
79) Terphenyl-d14	19.65	244	4334074	70.94	ng	0.00

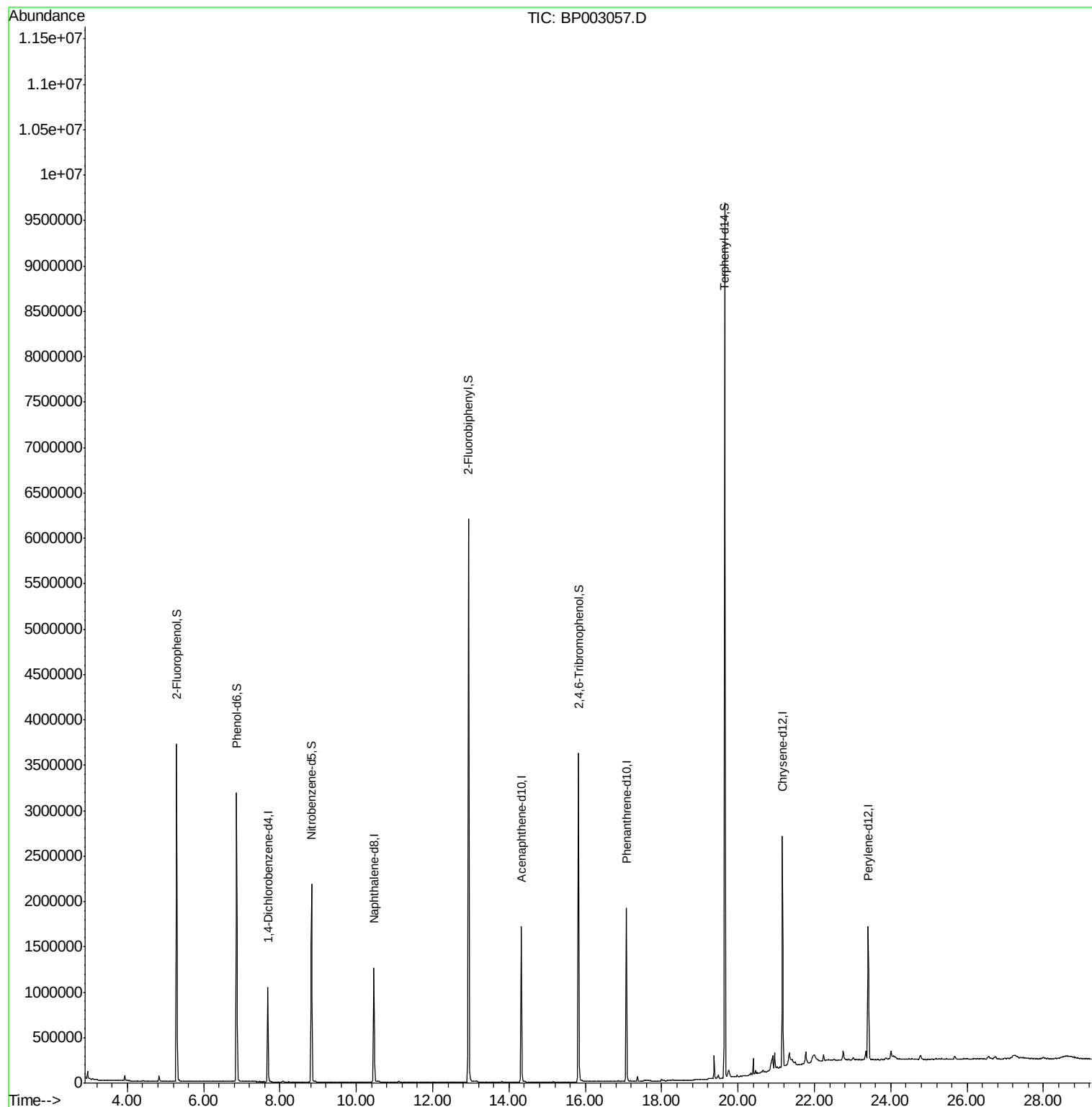
Target Compounds Qvalue

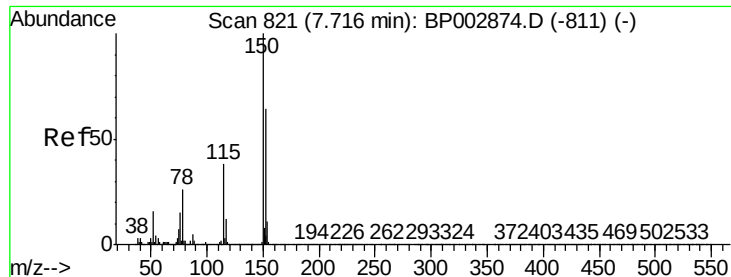
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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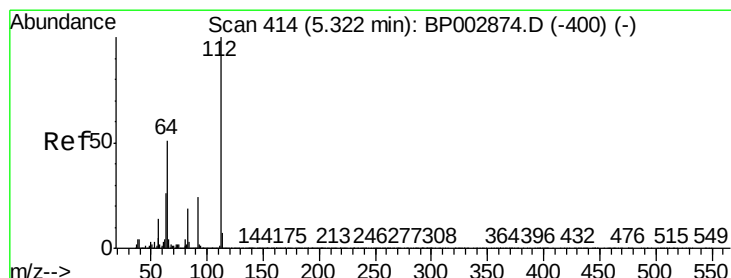
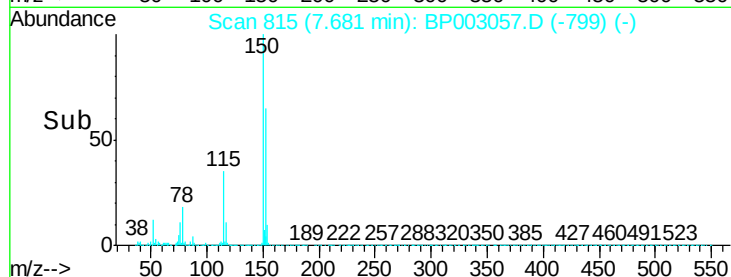
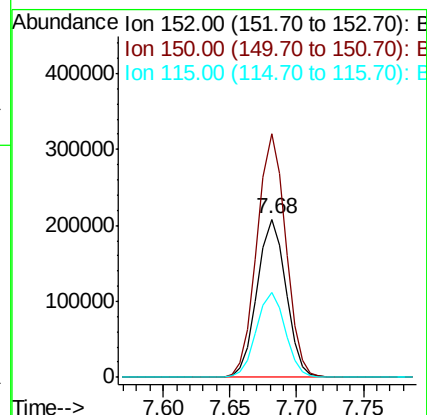
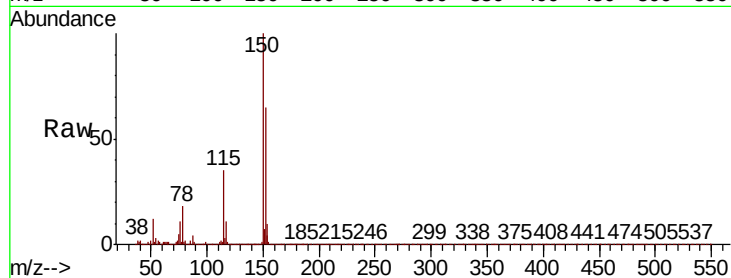


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Instrument :
BNA_P
ClientSampleId :
PB130977BL

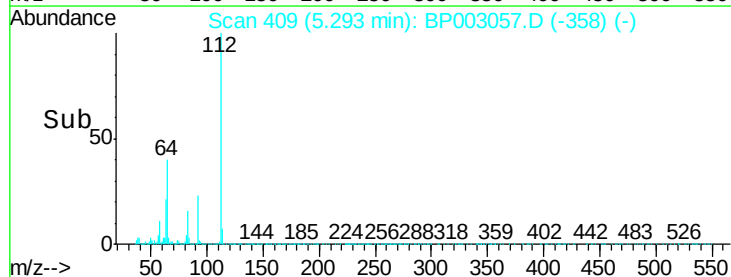
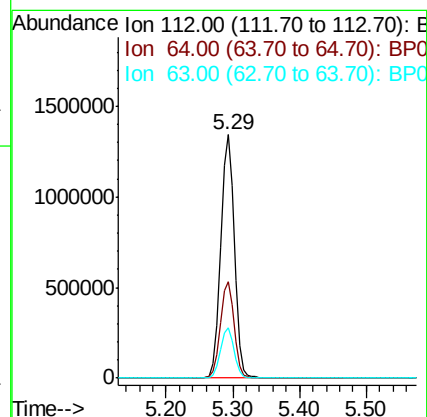
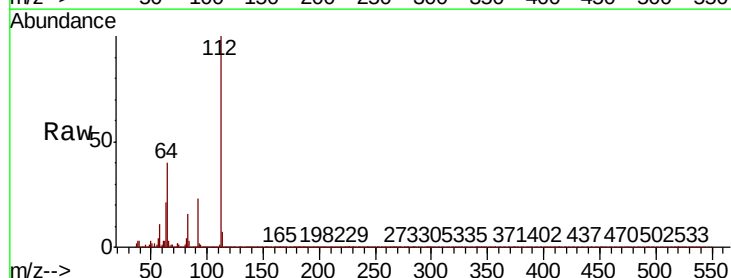
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.1	189.1
115	54.0	43.4	65.2

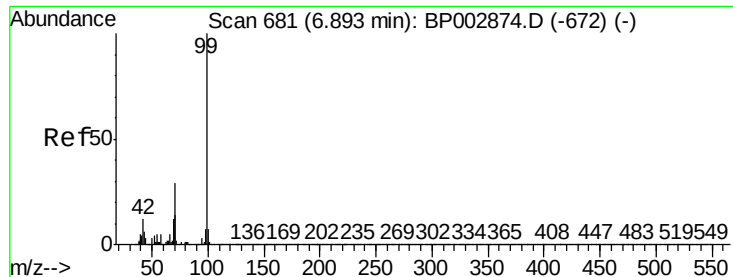


#5

2-Fluorophenol
Concen: 95.663 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.6	33.4	50.2
63	20.8	17.4	26.0





#7

Phenol-d6

Concen: 78.332 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003057.D

Acq: 20 Aug 2020 10:08

Instrument :

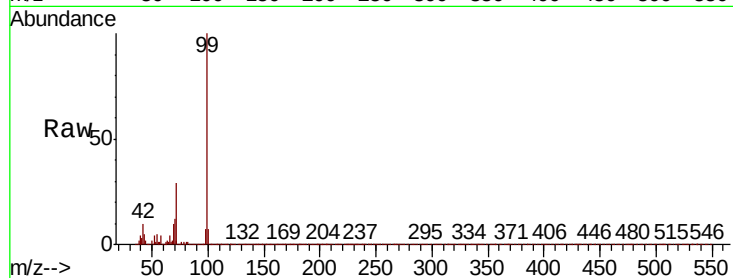
BNA_P

ClientSampleId :

PB130977BL

Tot Ion: 99 Resp: 2213570

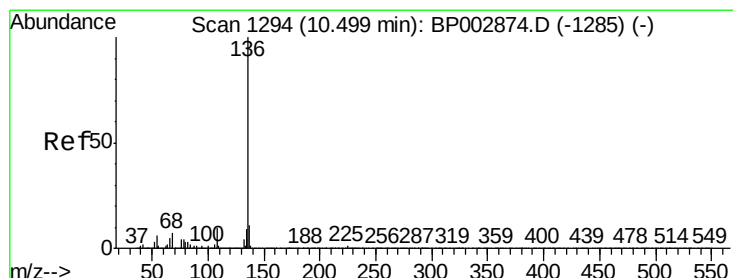
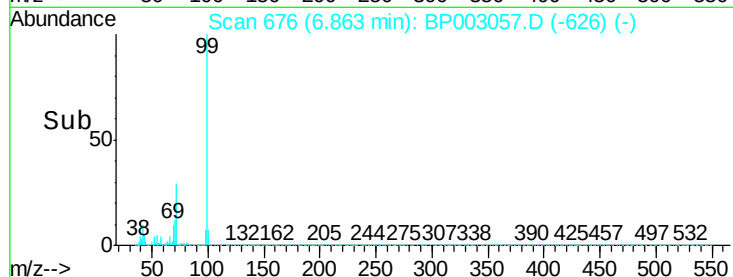
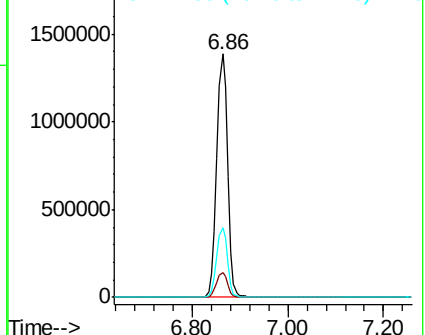
Ion	Ratio	Lower	Upper
99	100		
42	10.2	8.0	12.0
71	28.6	21.3	31.9



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: 10.46 min Scan# 1287

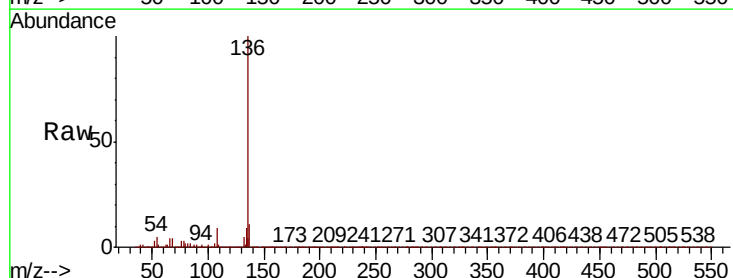
Delta R.T. -0.01 min

Lab File: BP003057.D

Acq: 20 Aug 2020 10:08

Tgt Ion: 136 Resp: 1204324

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	4.6	3.8	5.8
68	4.3	3.8	5.8

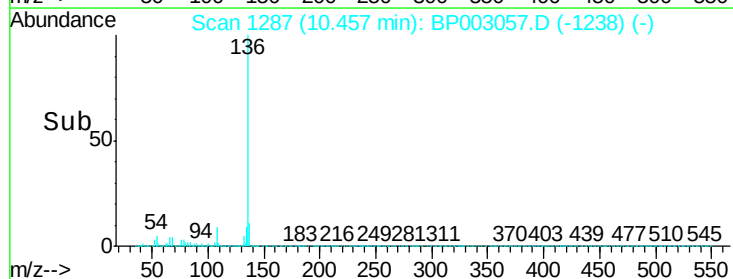
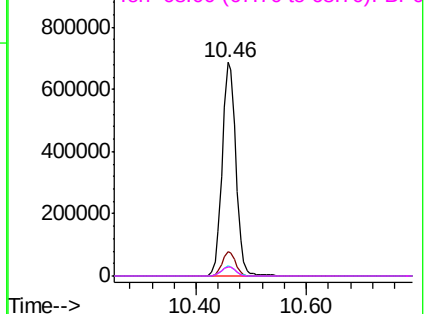


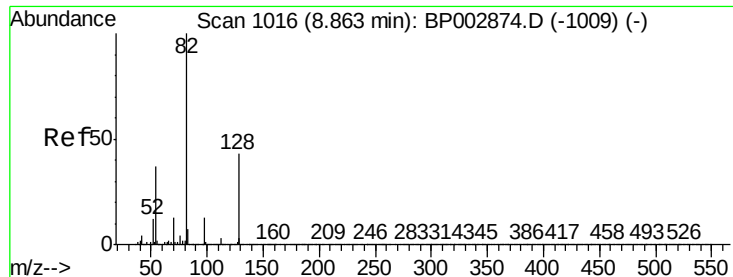
Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.973 ng

RT: 8.83 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BP003057.D

Acq: 20 Aug 2020 10:08

Instrument :

BNA_P

ClientSampleId :

PB130977BL

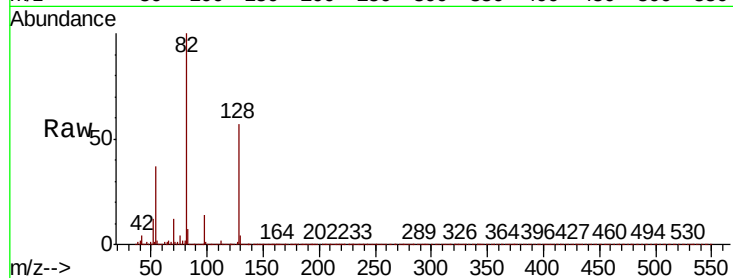
Tot Ion: 82 Resp: 1289059

Ion Ratio Lower Upper

82 100

128 57.3 45.1 67.7

54 36.9 28.8 43.2

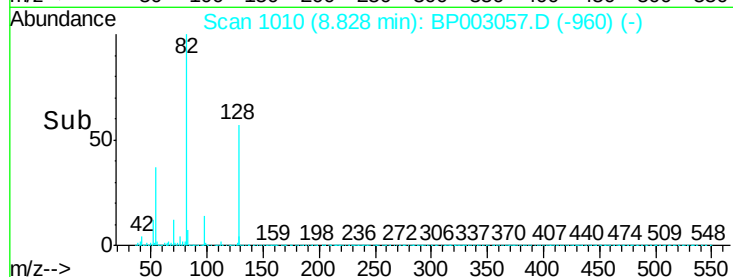


Abundance Ion 82.00 (81.70 to 82.70): BP002874.D (-1009) (-)

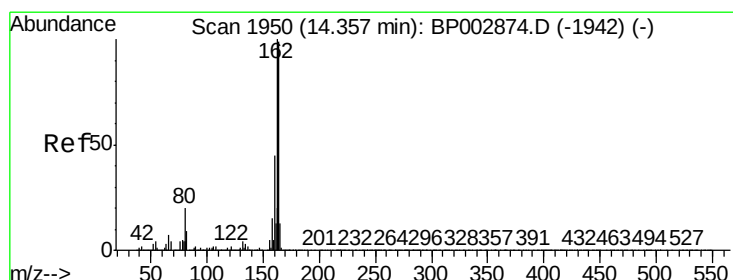
Ion 128.00 (127.70 to 128.70): BP002874.D (-1009) (-)

Ion 54.00 (53.70 to 54.70): BP002874.D (-1009) (-)

Time-->



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003057.D

Acq: 20 Aug 2020 10:08

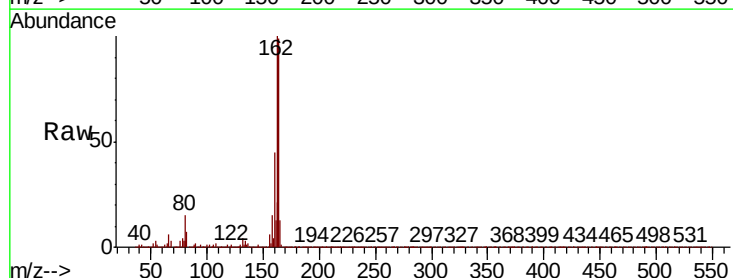
Tgt Ion: 164 Resp: 607449

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

160 45.8 35.5 53.3

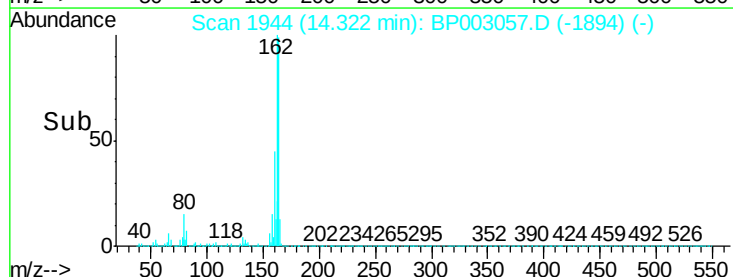


Abundance Ion 164.00 (163.70 to 164.70): BP002874.D (-1942) (-)

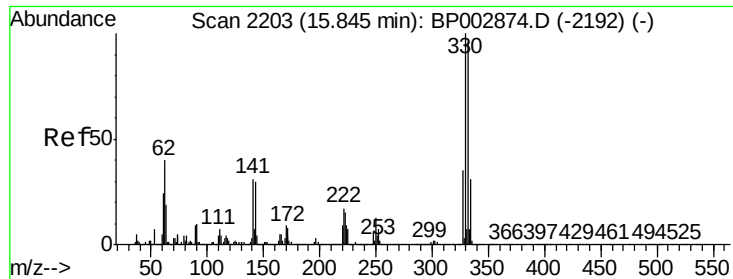
Ion 162.00 (161.70 to 162.70): BP002874.D (-1942) (-)

Ion 160.00 (159.70 to 160.70): BP002874.D (-1942) (-)

Time-->



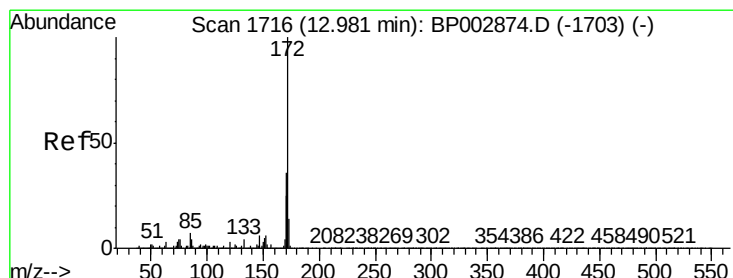
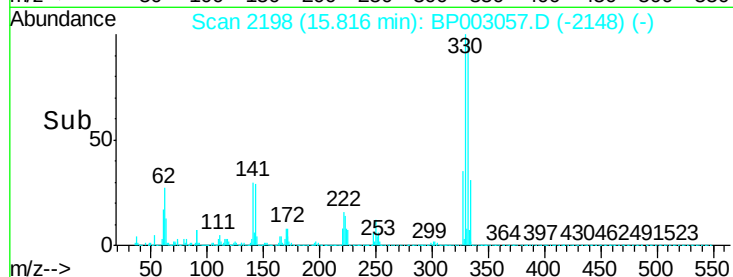
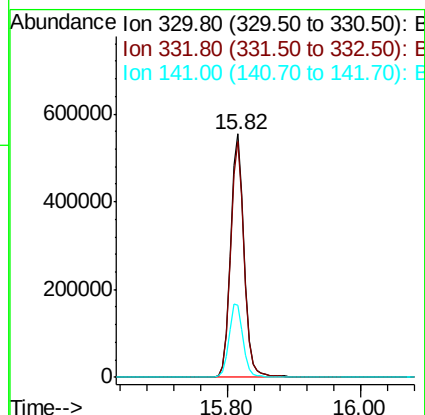
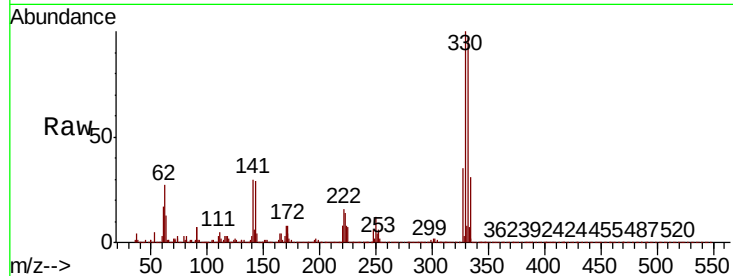
Time-->



#42
 2,4,6-Tribromophenol
 Concen: 105.106 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003057.D
 Acq: 20 Aug 2020 10:08

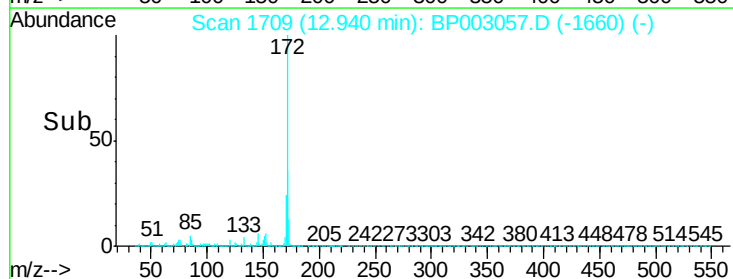
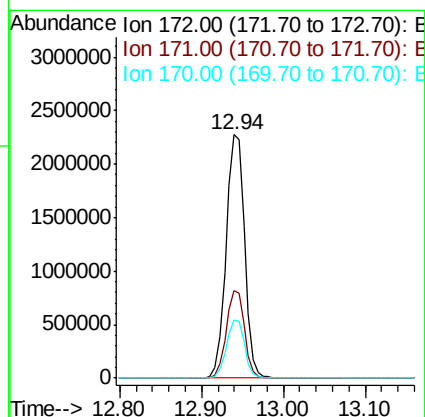
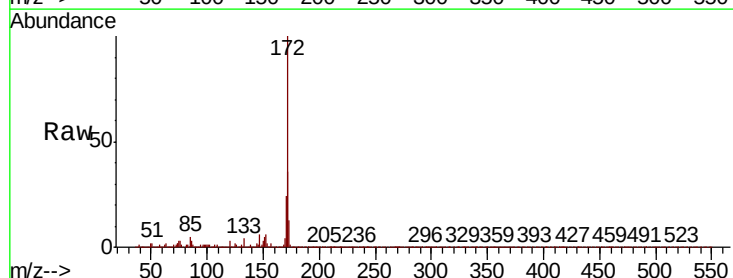
Instrument :
 BNA_P
 ClientSampleId :
 PB130977BL

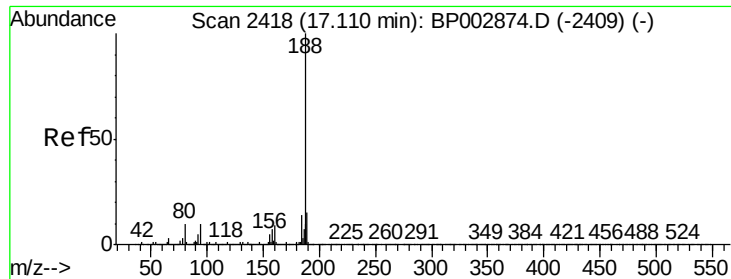
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.5	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 80.258 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003057.D
 Acq: 20 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.7	19.1	28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003057.D

Acq: 20 Aug 2020 10:08

Instrument :

BNA_P

ClientSampleId :

PB130977BL

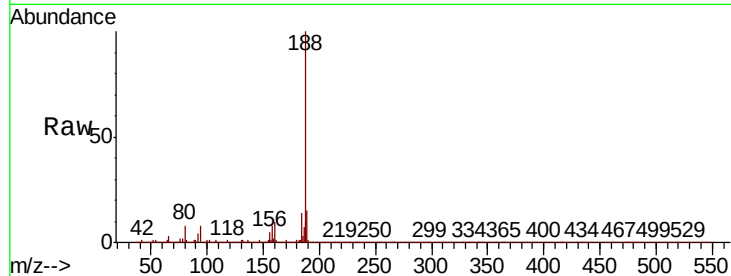
Tot Ion:188 Resp: 1200959

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

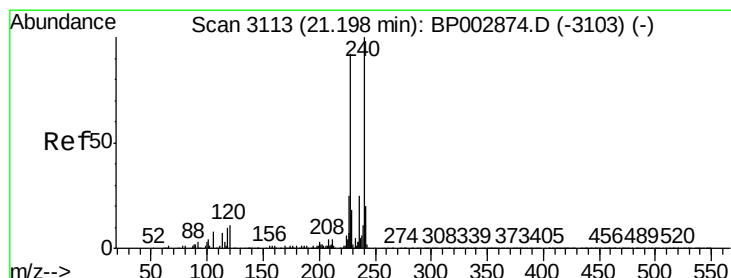
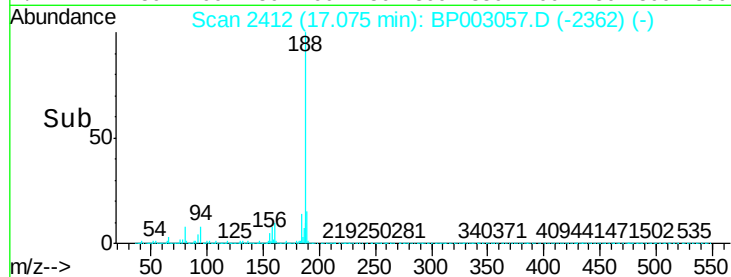
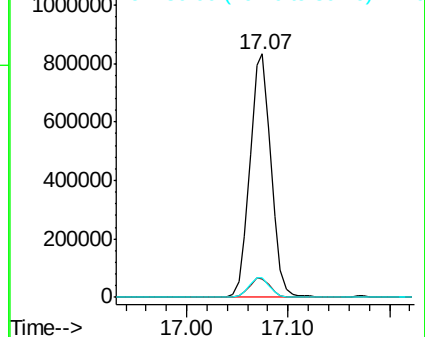
80 8.0 6.7 10.1



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: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003057.D

Acq: 20 Aug 2020 10:08

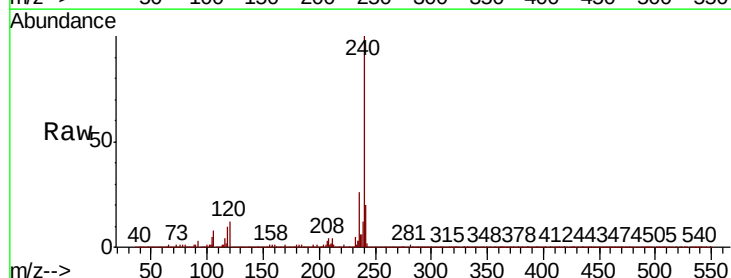
Tgt Ion:240 Resp: 1223172

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

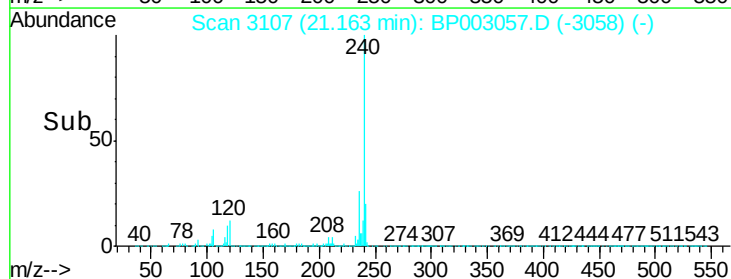
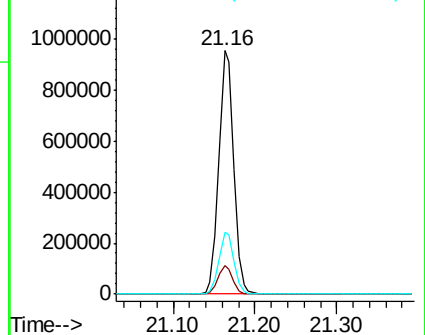
236 25.6 20.8 31.2

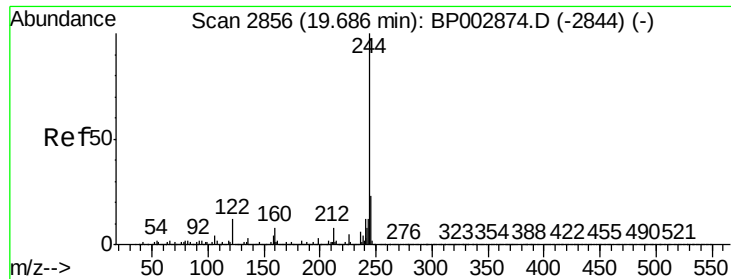


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.935 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003057.D

Acq: 20 Aug 2020 10:08

Instrument :

BNA_P

ClientSampleId :

PB130977BL

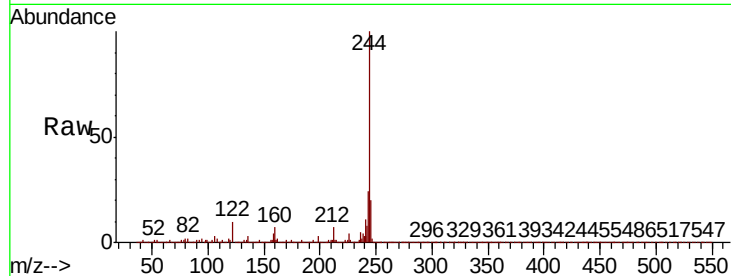
Tot Ion:244 Resp: 4334074

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

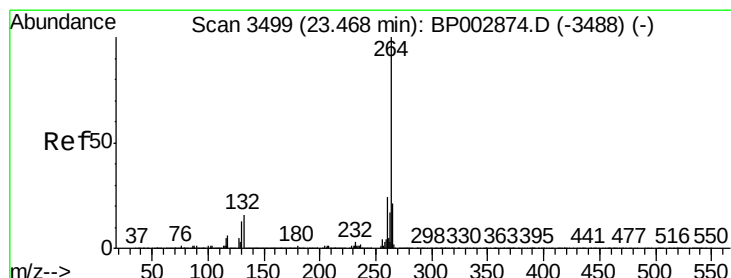
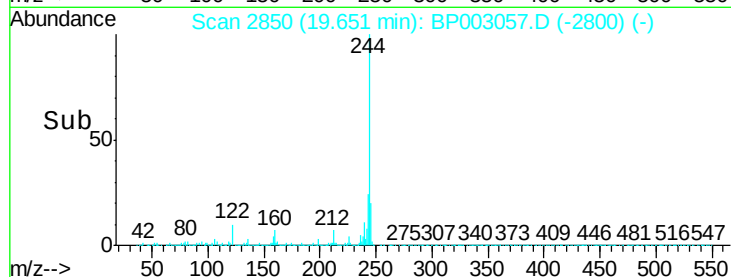
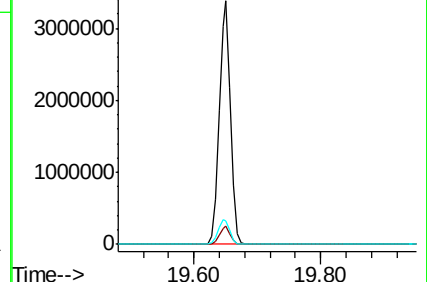
122 9.7 8.7 13.1



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: 23.41 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BP003057.D

Acq: 20 Aug 2020 10:08

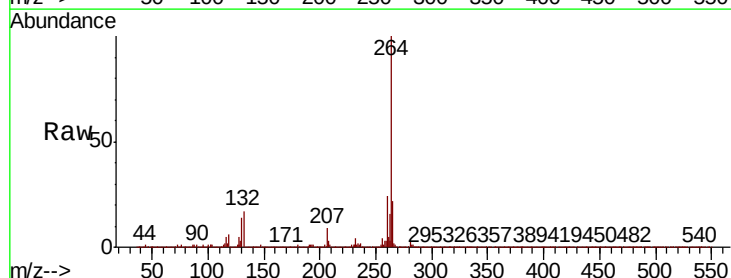
Tgt Ion:264 Resp: 1050285

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.0 17.3 25.9



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

