

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003060.D
 Acq On : 20 Aug 2020 11:52
 Operator : CG/JU
 Sample : PB130977TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130977TB

Quant Time: Aug 20 14:47:38 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	303058	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1126190	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	645842	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1124860	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	993648	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1066879	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1766359	89.20	ng	0.00
7) Phenol-d6	6.86	99	2023800	73.62	ng	0.00
23) Nitrobenzene-d5	8.83	82	1198511	57.64	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	706503	88.01	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3253532	68.83	ng	-0.01
79) Terphenyl-d14	19.65	244	3708911	74.73	ng	-0.01

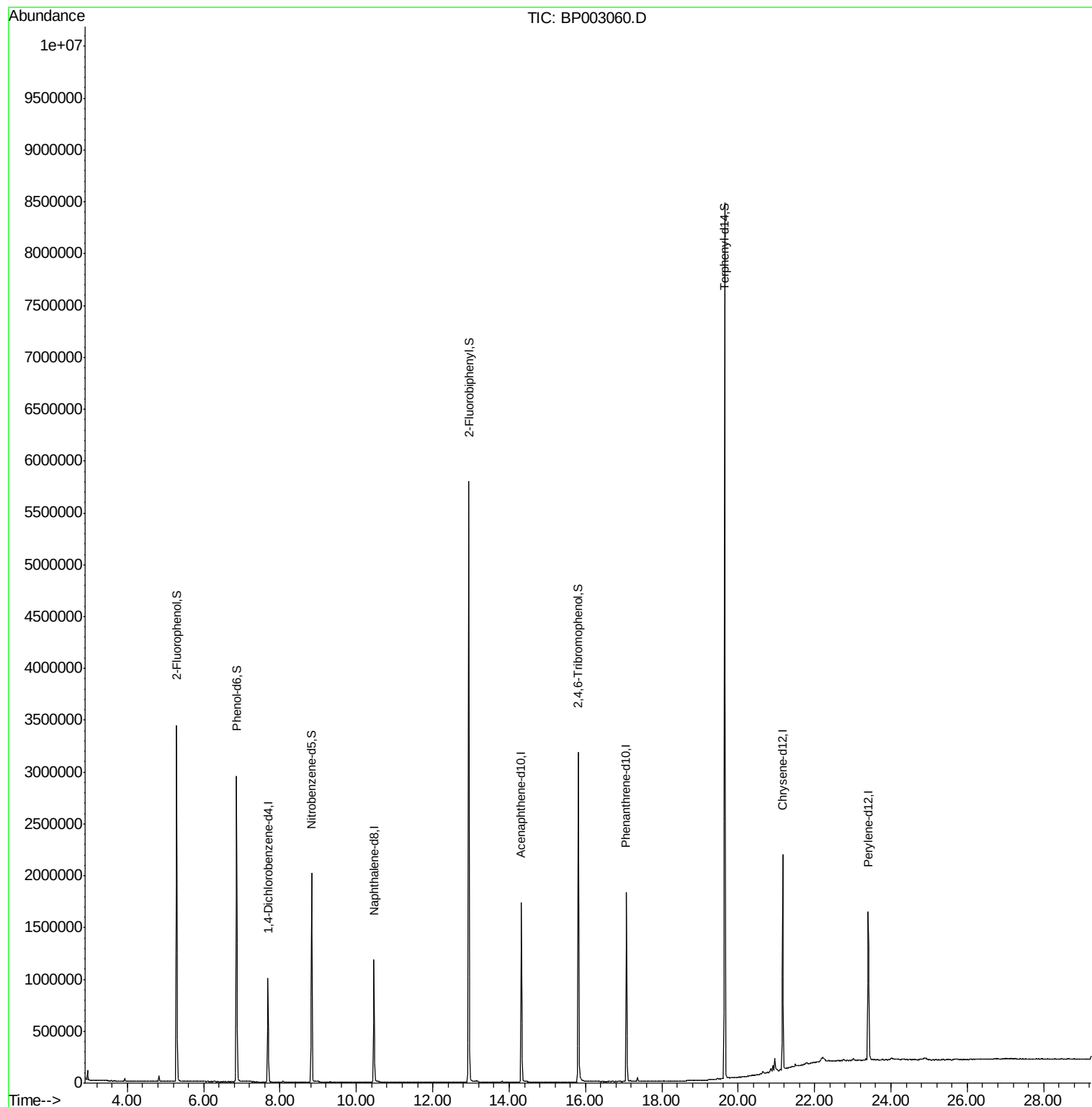
Target Compounds Qvalue

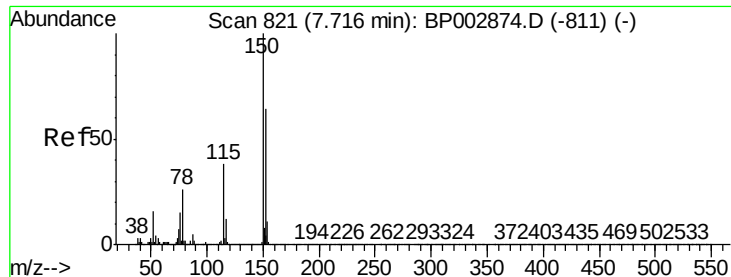
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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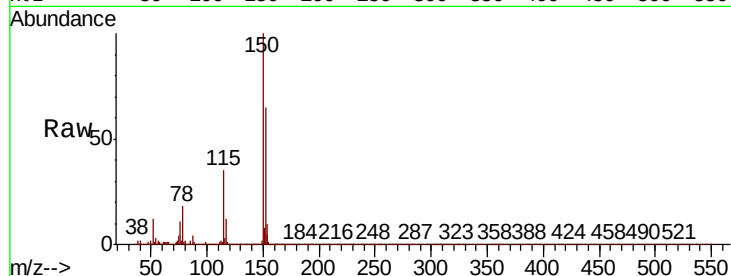


#1

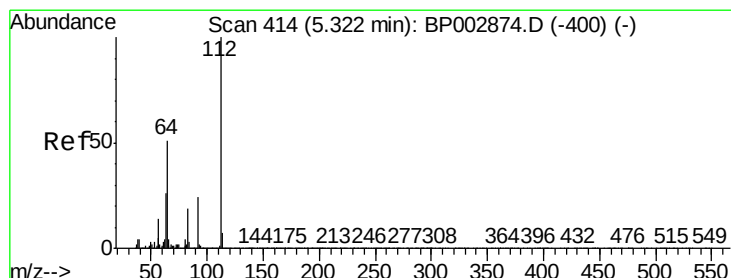
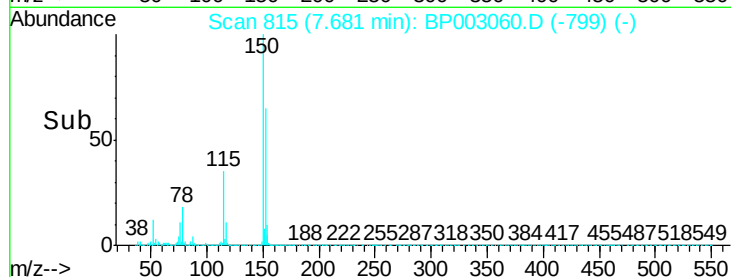
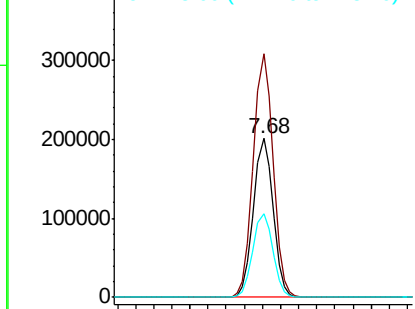
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

Instrument :
BNA_P
ClientSampleId :
PB130977TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.1	189.1
115	53.0	43.4	65.2



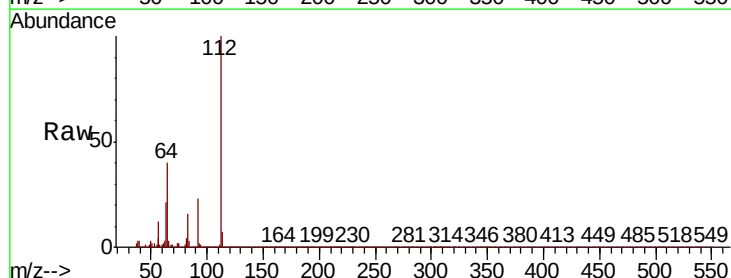
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



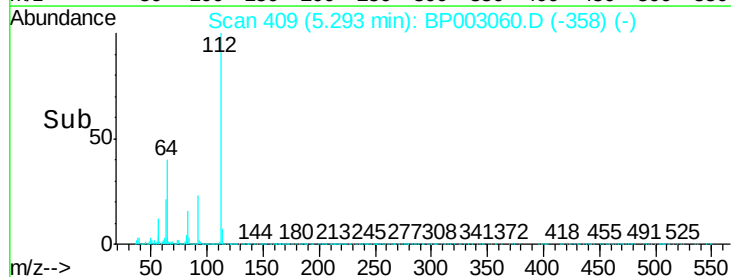
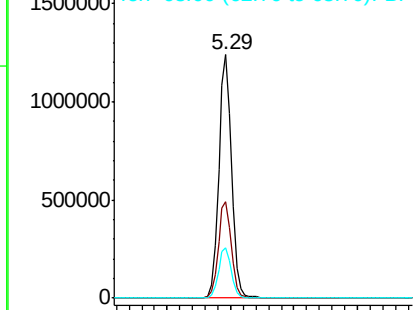
#5

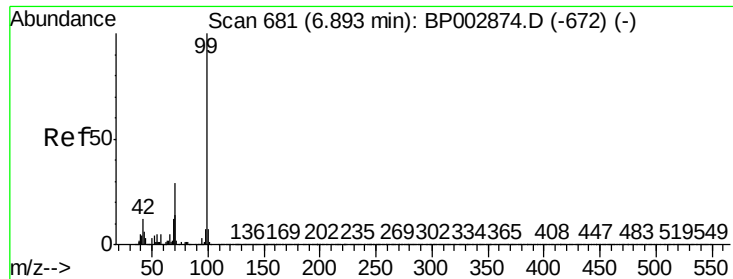
2-Fluorophenol
Concen: 89.204 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.8	33.4	50.2
63	20.7	17.4	26.0



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: 73.615 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

Instrument :

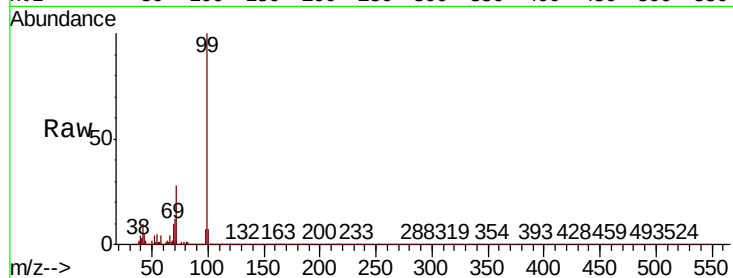
BNA_P

ClientSampleId :

PB130977TB

Tot Ion: 99 Resp: 2023800

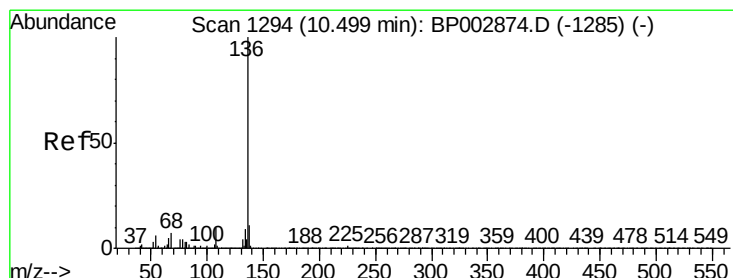
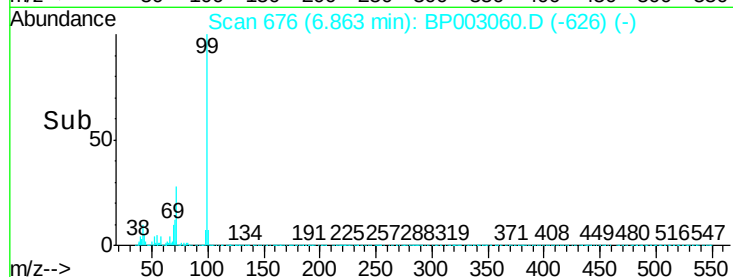
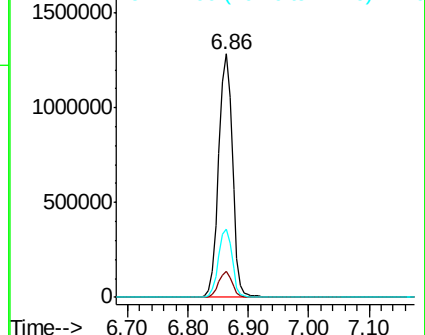
Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.0	12.0
71	28.1	21.3	31.9



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

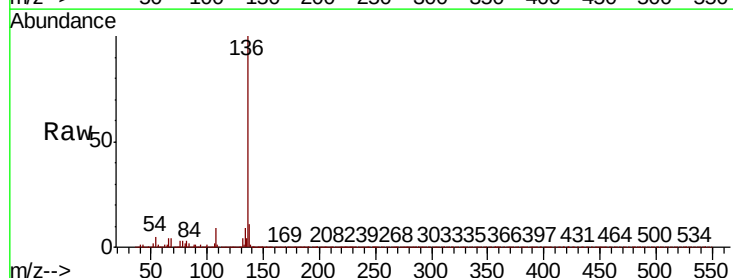
Delta R.T. -0.01 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

Tgt Ion: 136 Resp: 1126190

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.5	3.8	5.8
68	4.5	3.8	5.8

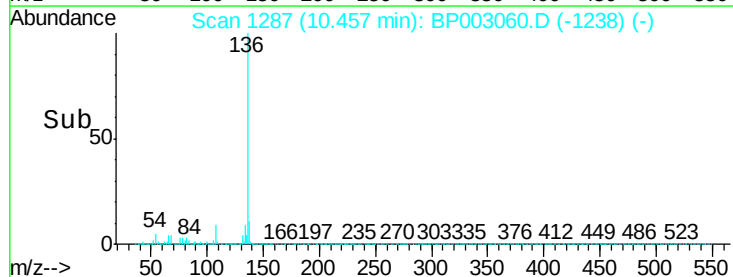
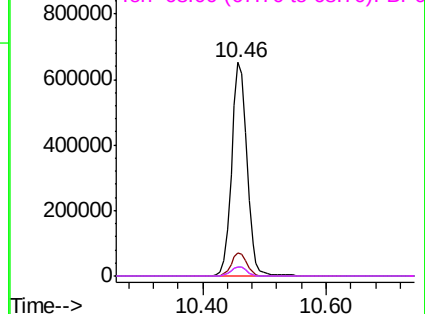


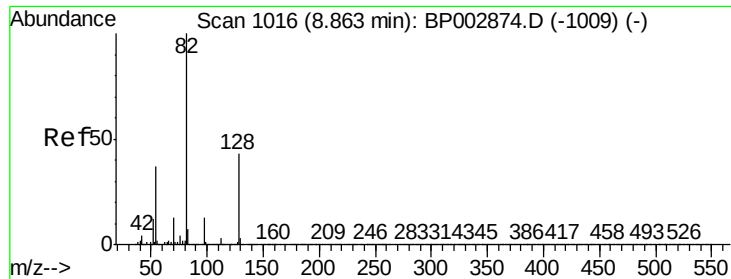
Abundance Ion 136.00 (135.70 to 136.70): E

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

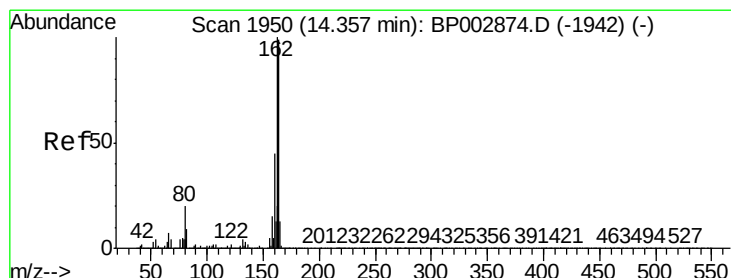
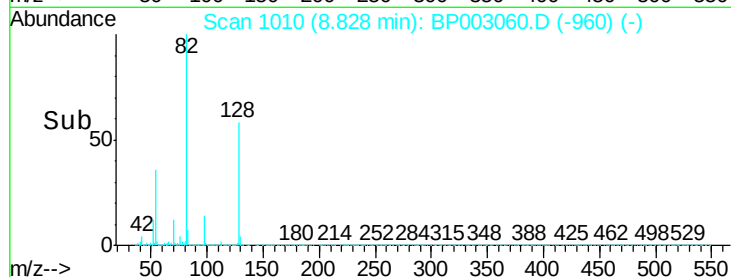
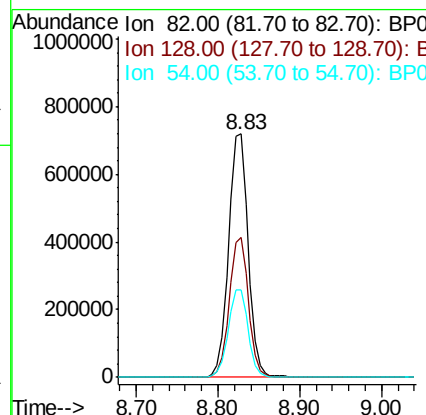
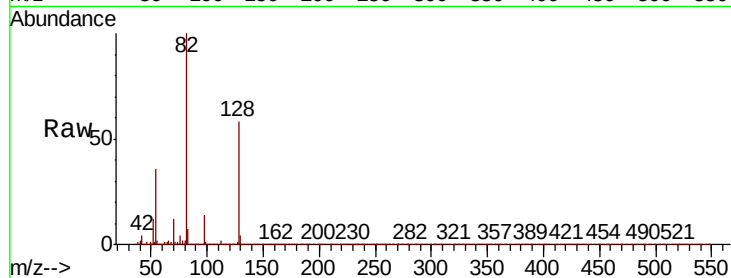




#23
 Nitrobenzene-d5
 Concen: 57.641 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003060.D
 Acq: 20 Aug 2020 11:52

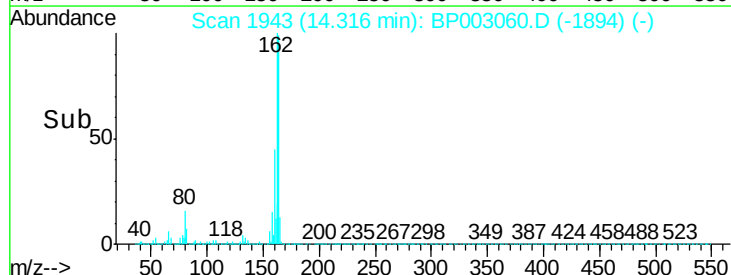
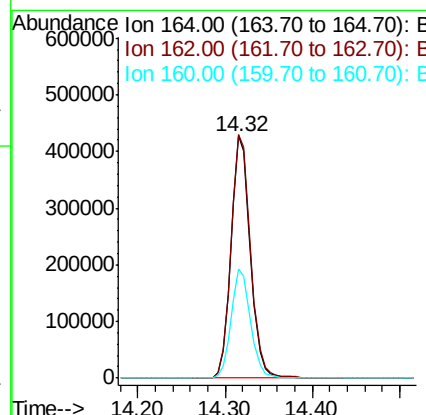
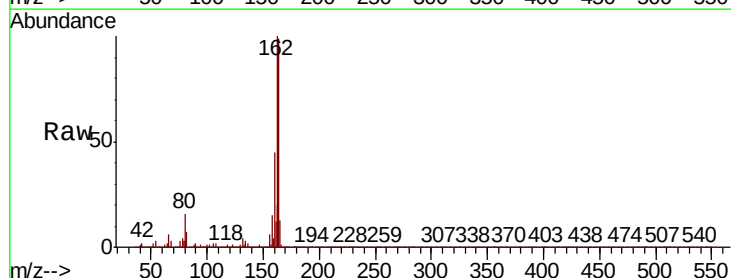
Instrument :
 BNA_P
 ClientSampleId :
 PB130977TB

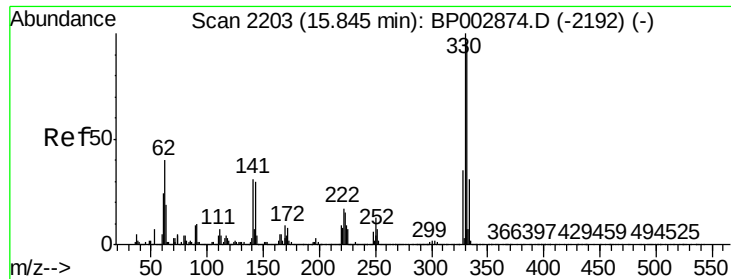
Tot Ion: 82 Resp: 1198511
 Ion Ratio Lower Upper
 82 100
 128 57.6 45.1 67.7
 54 36.1 28.8 43.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BP003060.D
 Acq: 20 Aug 2020 11:52

Tgt Ion: 164 Resp: 645842
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.4 122.0
 160 45.3 35.5 53.3

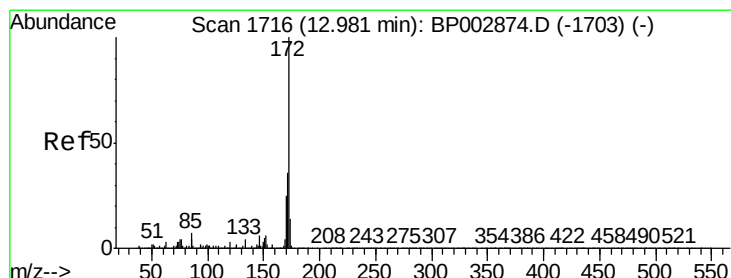
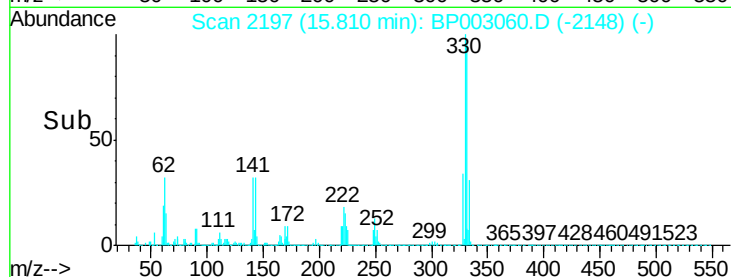
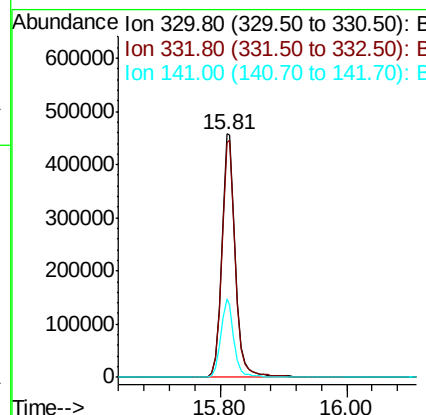
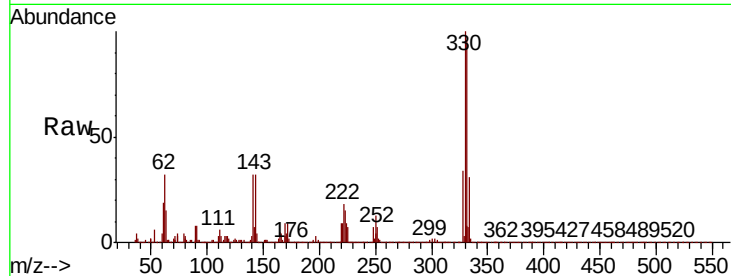




#42
 2,4,6-Tribromophenol
 Concen: 88.015 ng
 RT: 15.81 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BP003060.D
 Acq: 20 Aug 2020 11:52

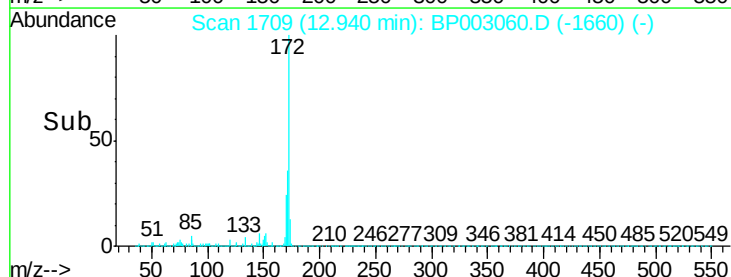
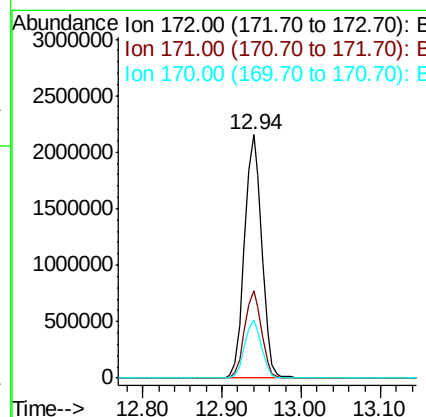
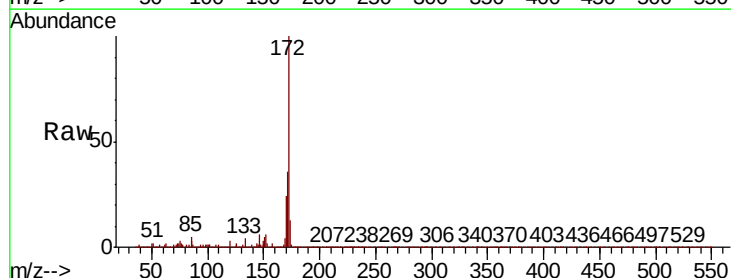
Instrument :
 BNA_P
 ClientSampleId :
 PB130977TB

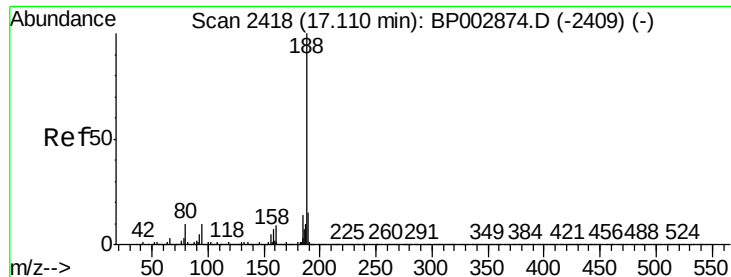
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.7	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 68.829 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003060.D
 Acq: 20 Aug 2020 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.6	19.1	28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

Instrument :

BNA_P

ClientSampleId :

PB130977TB

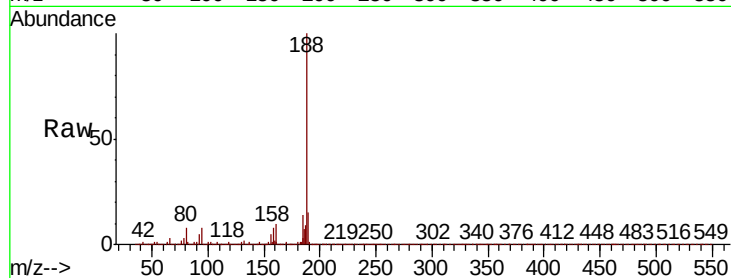
Tot Ion:188 Resp: 1124860

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

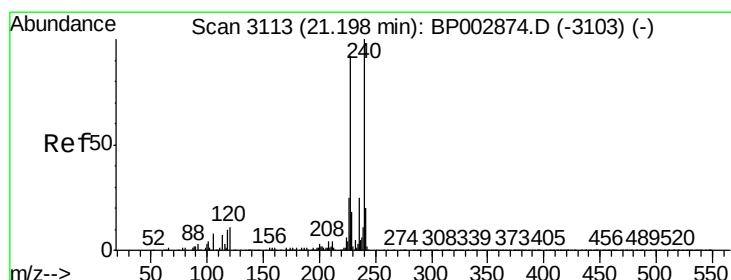
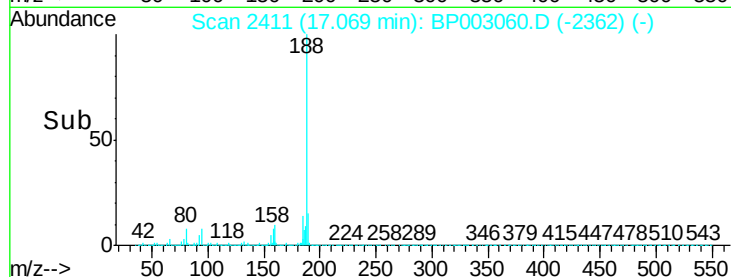
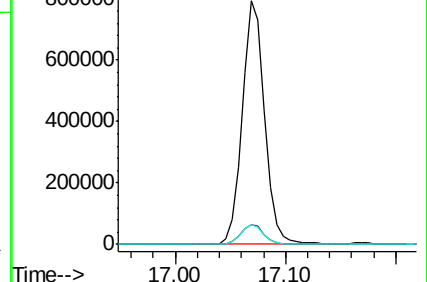
80 8.2 6.7 10.1



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: BP003060.D

Acq: 20 Aug 2020 11:52

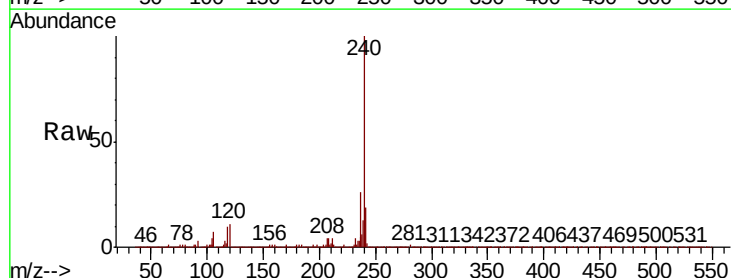
Tgt Ion:240 Resp: 993648

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

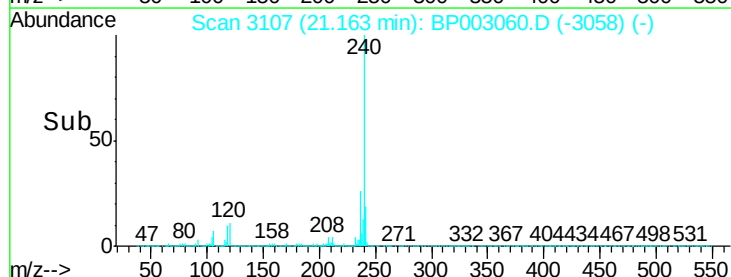
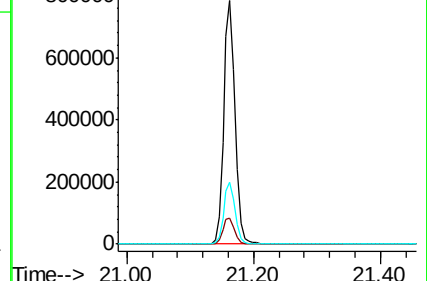
236 25.6 20.8 31.2

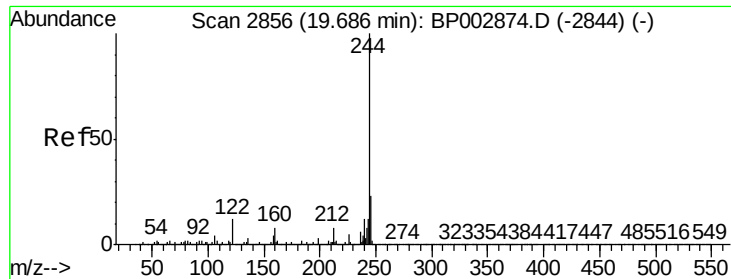


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.725 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

Instrument :

BNA_P

ClientSampleId :

PB130977TB

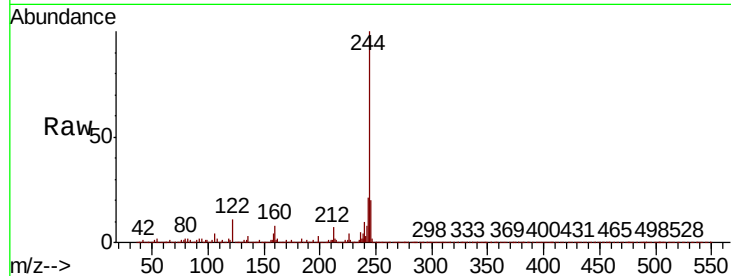
Tot Ion:244 Resp: 3708911

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

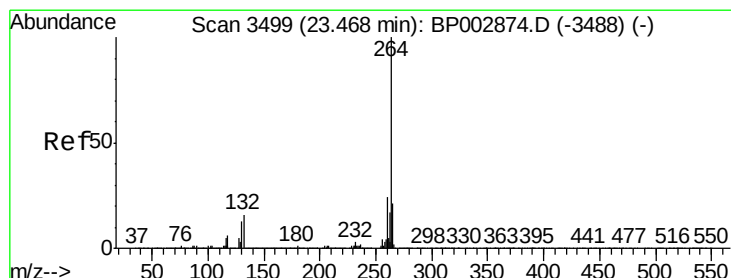
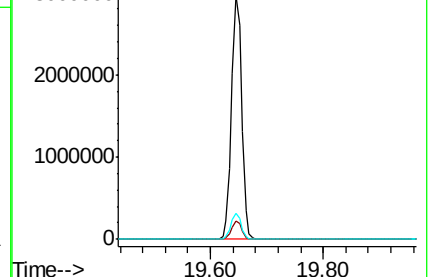
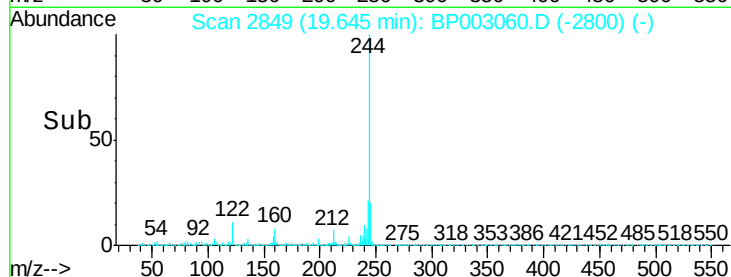
122 10.6 8.7 13.1



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: 23.40 min Scan# 3488

Delta R.T. -0.02 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

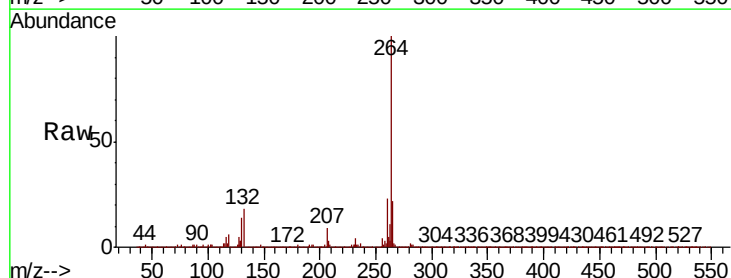
Tgt Ion:264 Resp: 1066879

Ion Ratio Lower Upper

264 100

260 23.4 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

