

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003079.D
 Acq On : 21 Aug 2020 14:28
 Operator : CG/JU
 Sample : PB131143BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131143BL

Quant Time: Aug 21 16:46:58 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	323950	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1265451	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	774243	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1706054	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1720389	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1722344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1789275	84.53	ng	0.00
7) Phenol-d6	6.86	99	2075484	70.63	ng	0.00
23) Nitrobenzene-d5	8.82	82	1208907	51.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1040488	108.13	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3510850	61.96	ng	-0.01
79) Terphenyl-d14	19.65	244	4980806	57.96	ng	0.00

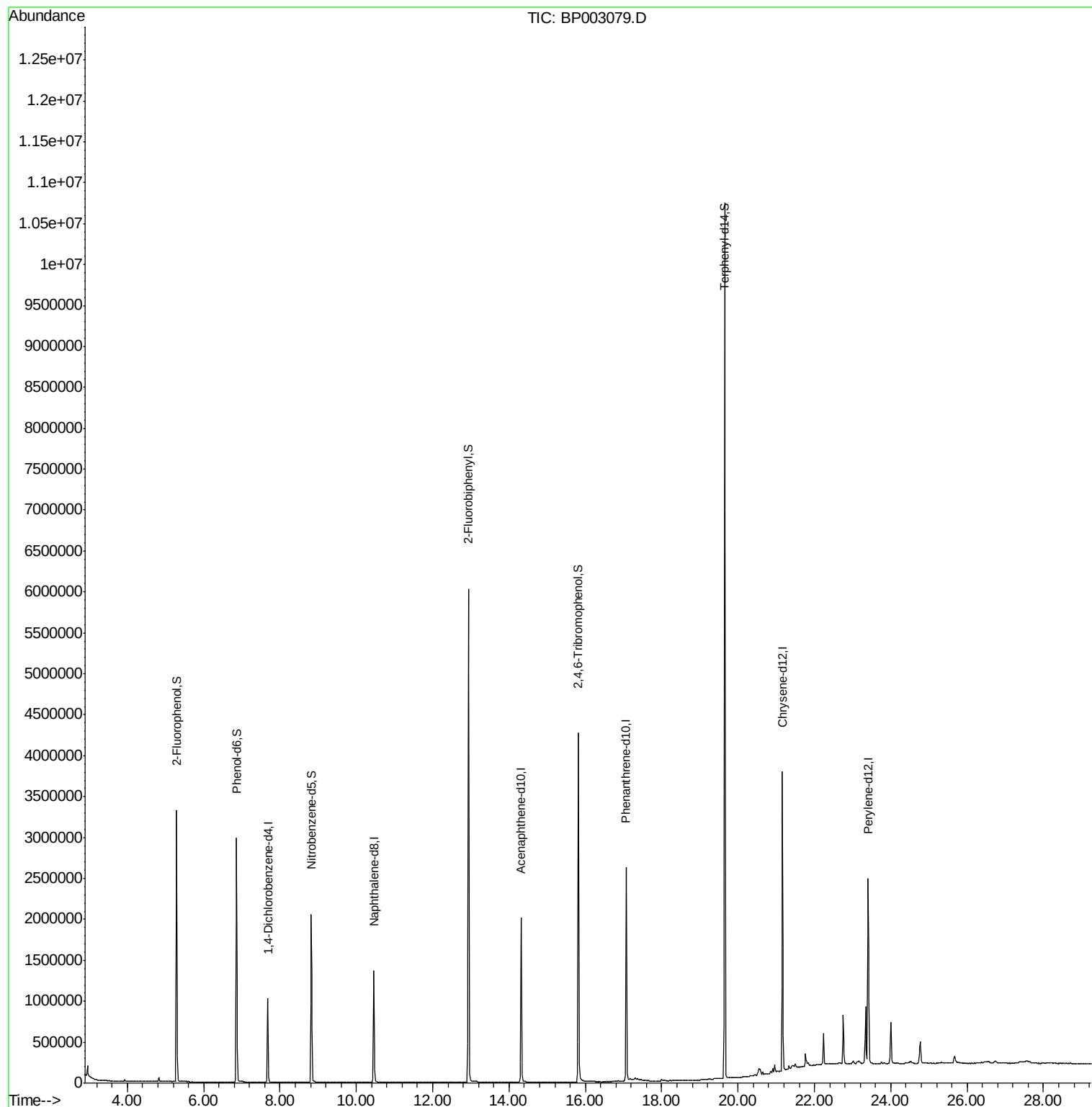
Target Compounds Qvalue

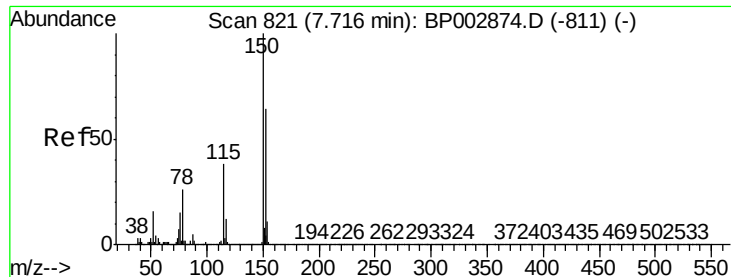
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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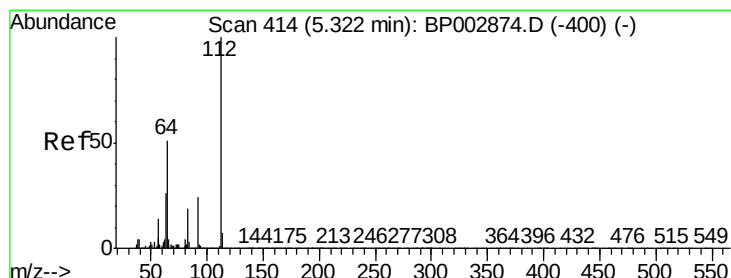
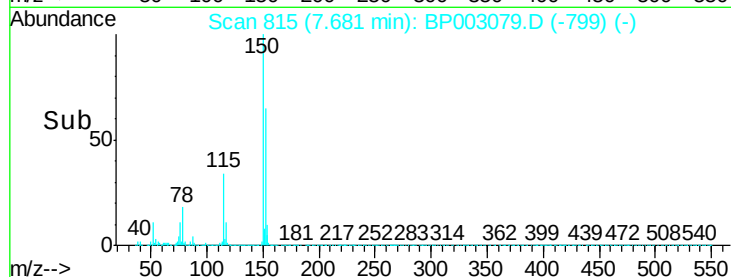
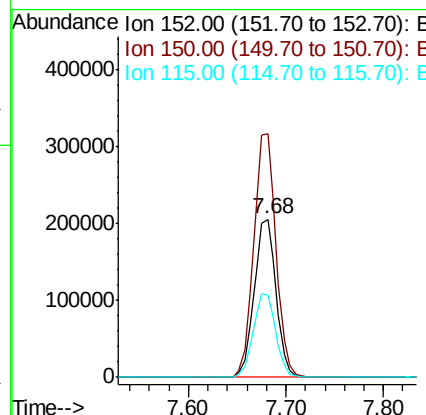
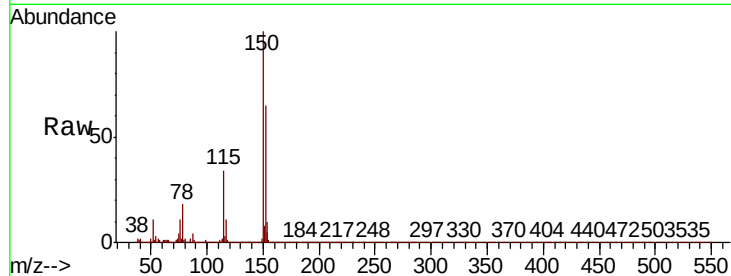




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BP003079.D
 Acq: 21 Aug 2020 14:28

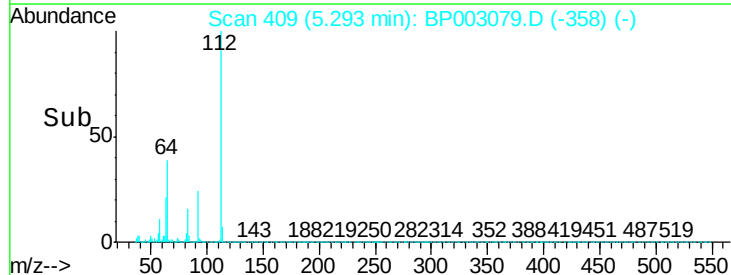
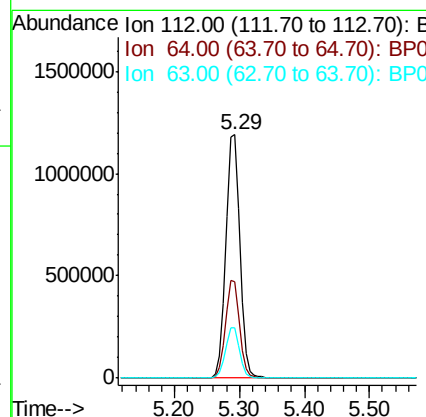
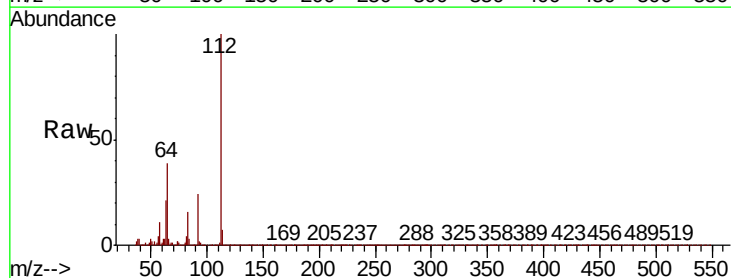
Instrument :
 BNA_P
 ClientSampleId :
 PB131143BL

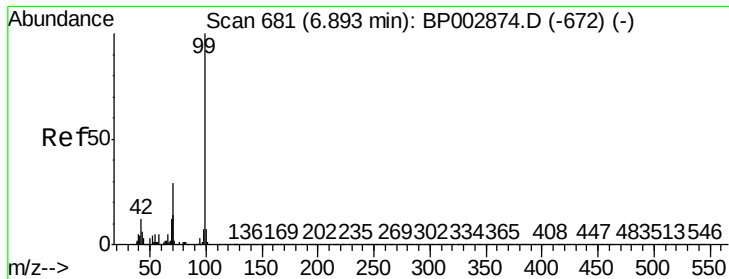
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.1	189.1
115	52.3	43.4	65.2



#5
 2-Fluorophenol
 Concen: 84.534 ng
 RT: 5.29 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BP003079.D
 Acq: 21 Aug 2020 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.4	33.4	50.2
63	20.6	17.4	26.0





#7

Phenol-d6

Concen: 70.627 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003079.D

Acq: 21 Aug 2020 14:28

Instrument :

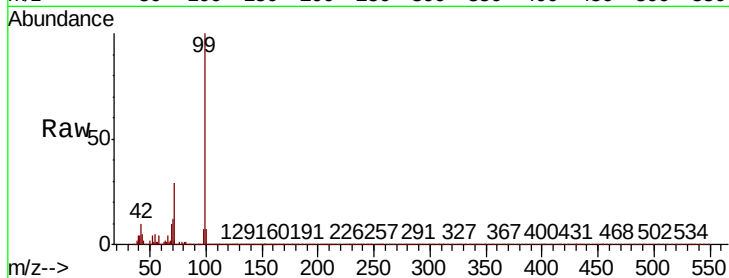
BNA_P

ClientSampleId :

PB131143BL

Tot Ion: 99 Resp: 2075484

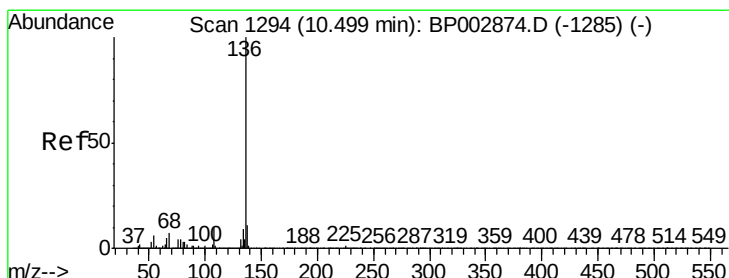
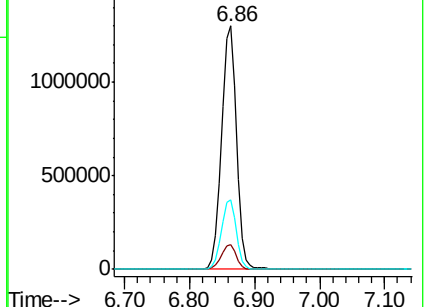
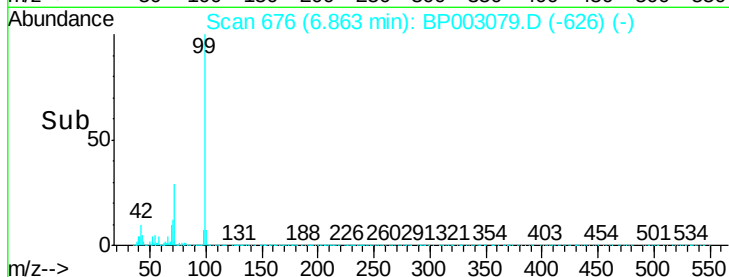
Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.0	12.0
71	28.7	21.3	31.9



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

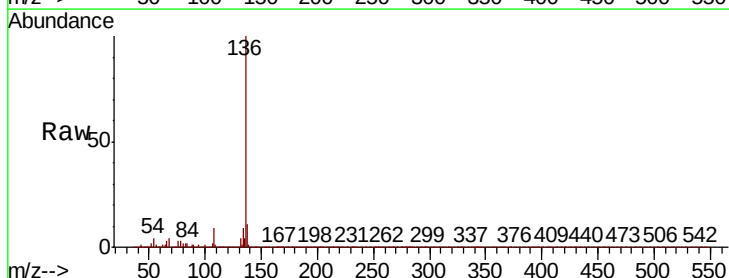
Delta R.T. -0.01 min

Lab File: BP003079.D

Acq: 21 Aug 2020 14:28

Tgt Ion: 136 Resp: 1265451

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.3	3.8	5.8
68	4.2	3.8	5.8

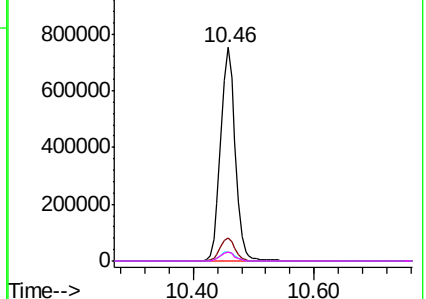
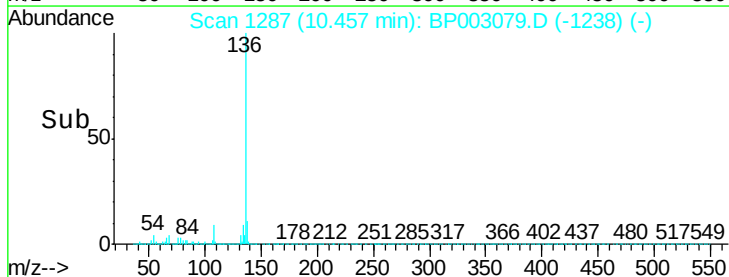


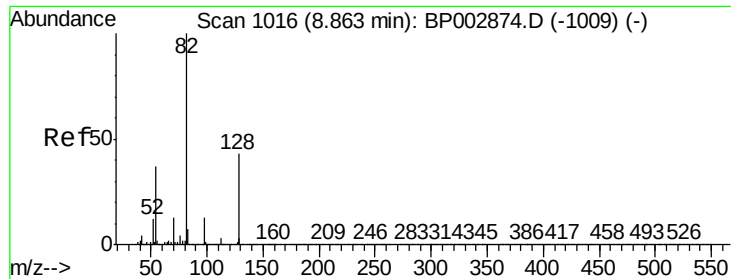
Abundance Ion 136.00 (135.70 to 136.70): E

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

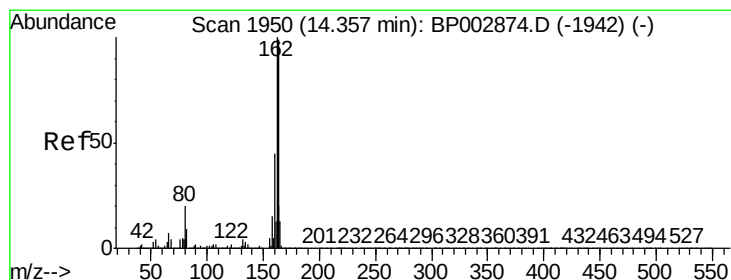
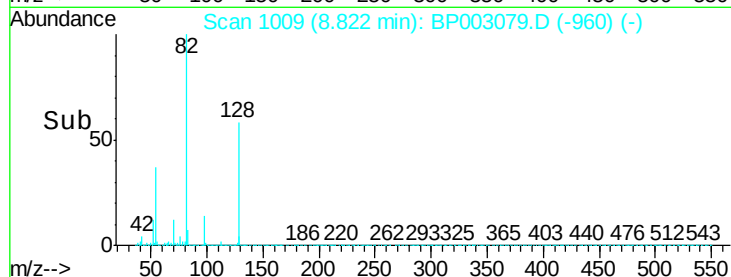
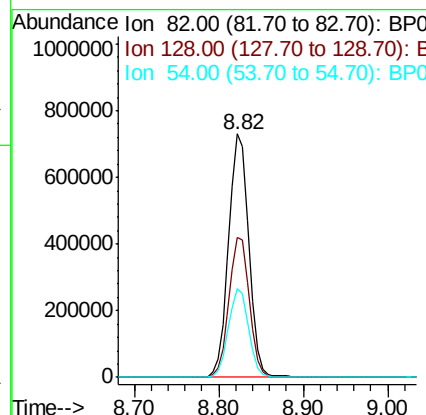
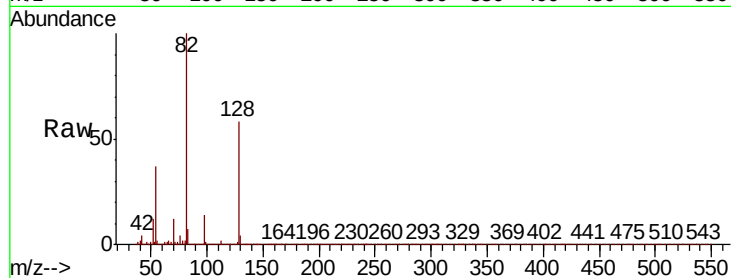




#23
 Nitrobenzene-d5
 Concen: 51.742 ng
 RT: 8.82 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BP003079.D
 Acq: 21 Aug 2020 14:28

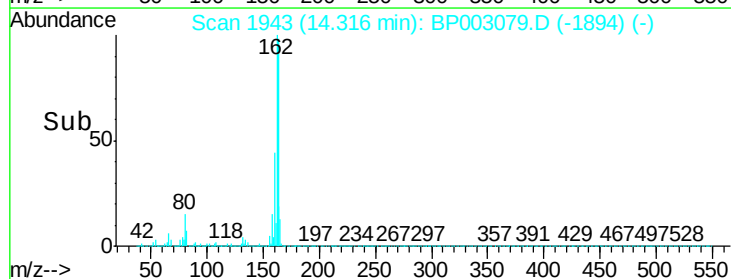
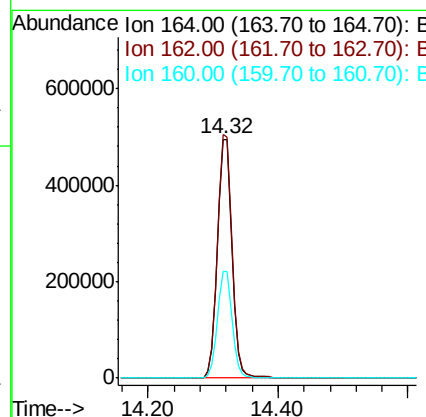
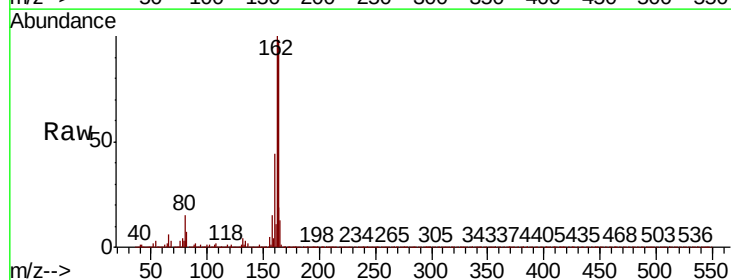
Instrument :
 BNA_P
 ClientSampleId :
 PB131143BL

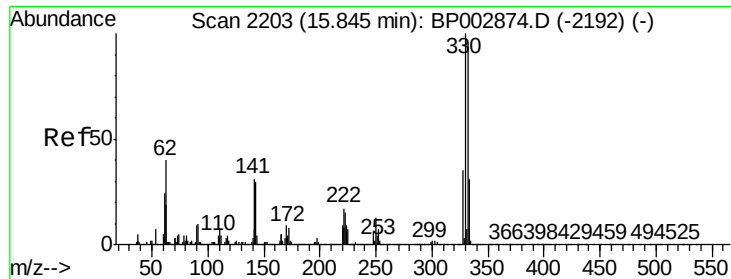
Tot Ion: 82 Resp: 1208907
 Ion Ratio Lower Upper
 82 100
 128 57.7 45.1 67.7
 54 36.7 28.8 43.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BP003079.D
 Acq: 21 Aug 2020 14:28

Tgt Ion: 164 Resp: 774243
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.4 122.0
 160 44.9 35.5 53.3

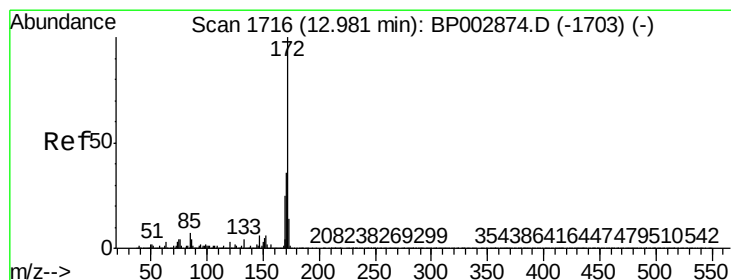
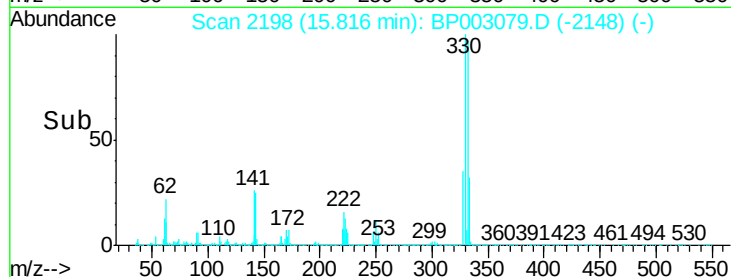
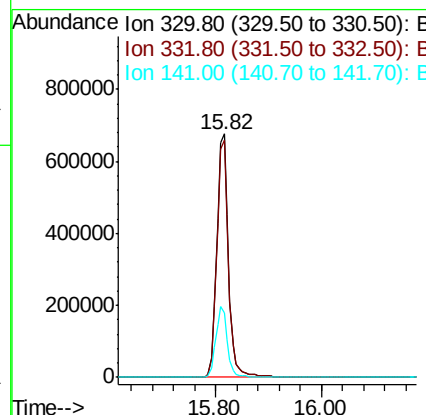
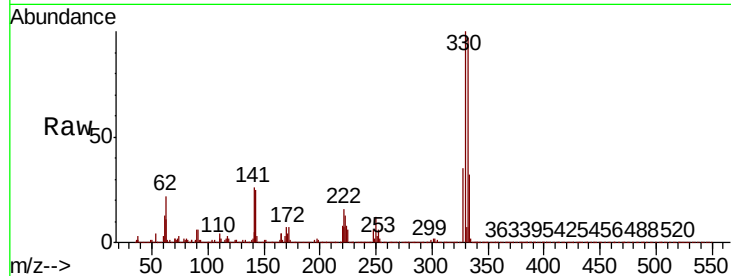




#42
2,4,6-Tribromophenol
Concen: 108.126 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003079.D
Acq: 21 Aug 2020 14:28

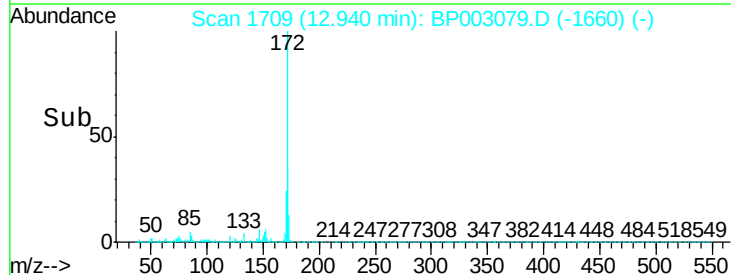
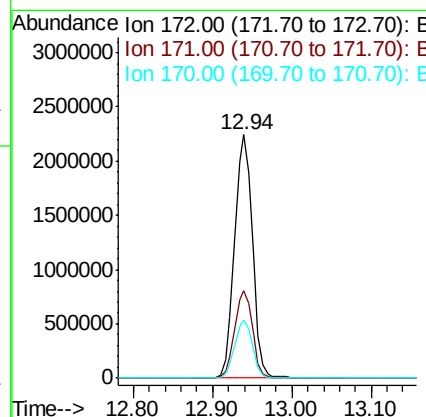
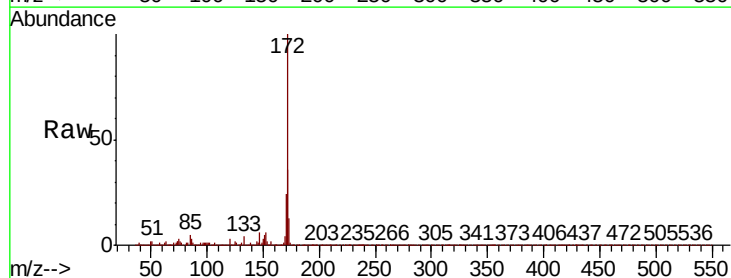
Instrument :
BNA_P
ClientSampleId :
PB131143BL

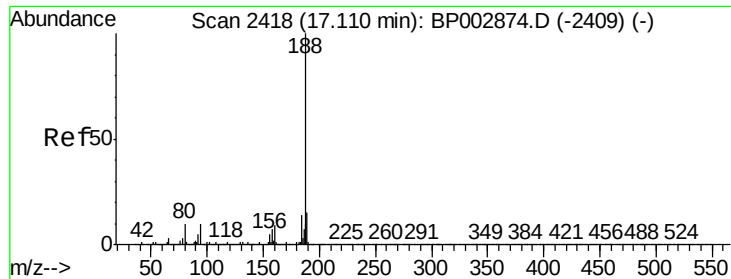
Tot Ion:330 Resp: 1040488
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 28.7 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 61.956 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003079.D
Acq: 21 Aug 2020 14:28

Tgt Ion:172 Resp: 3510850
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.7 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: BP003079.D

Acq: 21 Aug 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB131143BL

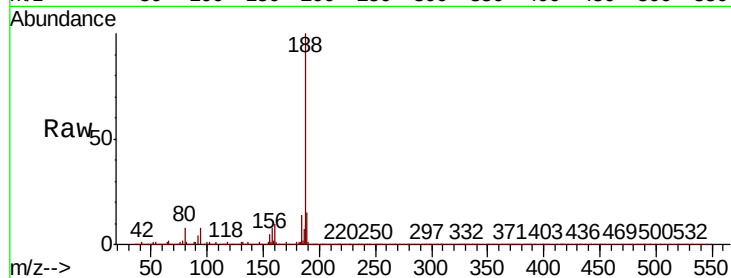
Tot Ion:188 Resp: 1706054

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

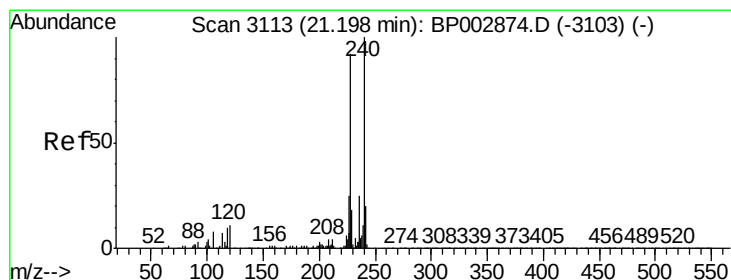
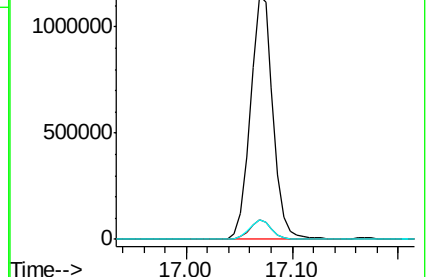
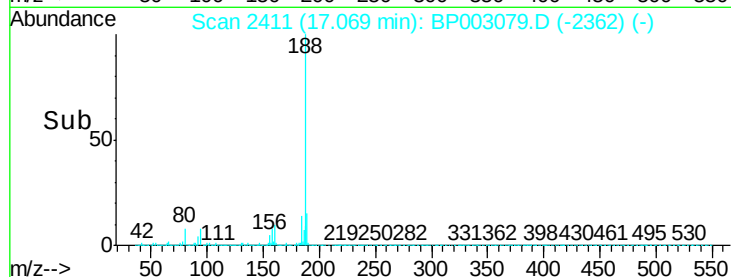
80 7.9 6.7 10.1



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: BP003079.D

Acq: 21 Aug 2020 14:28

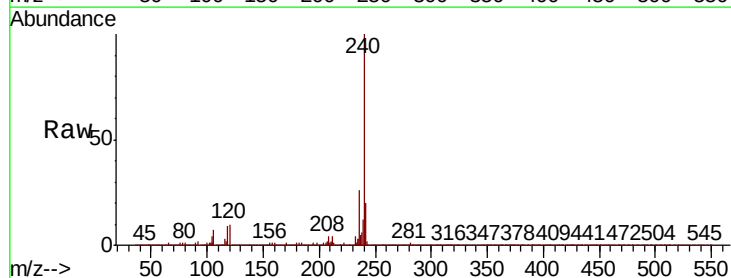
Tgt Ion:240 Resp: 1720389

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

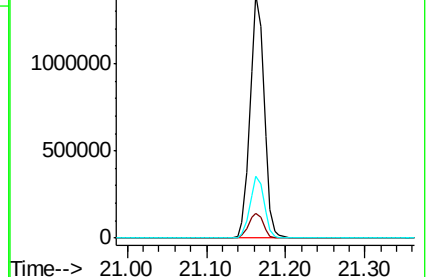
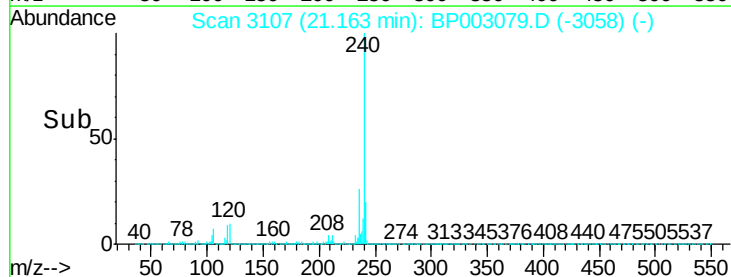
236 25.6 20.8 31.2

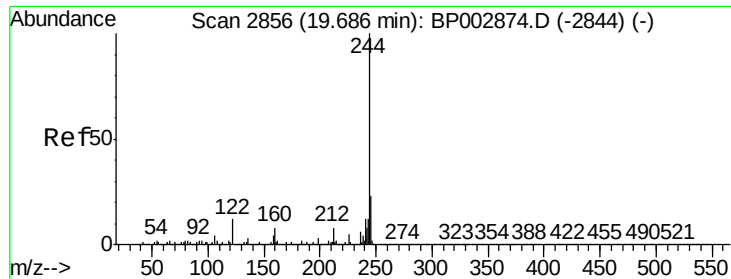


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.960 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003079.D

Acq: 21 Aug 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB131143BL

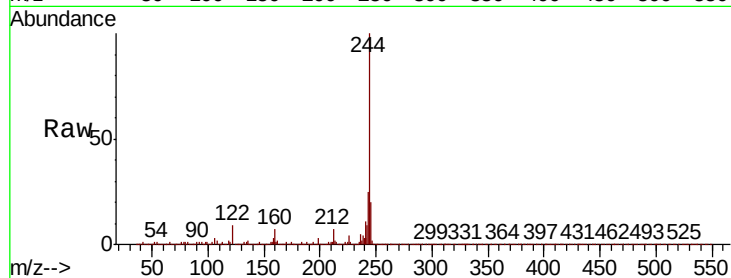
Tot Ion:244 Resp: 4980806

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

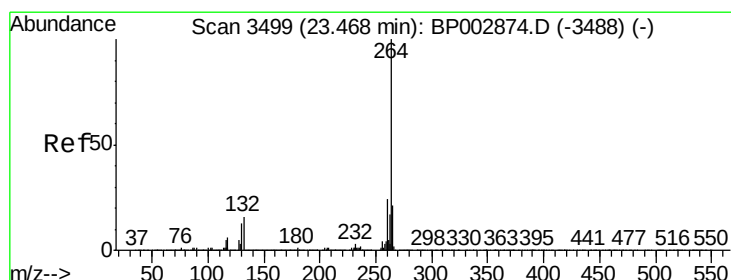
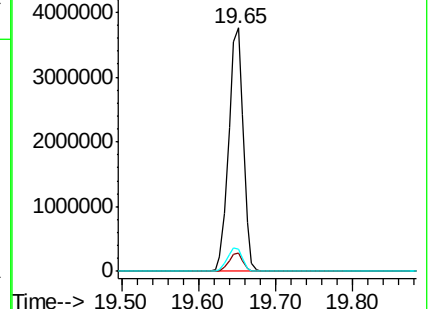
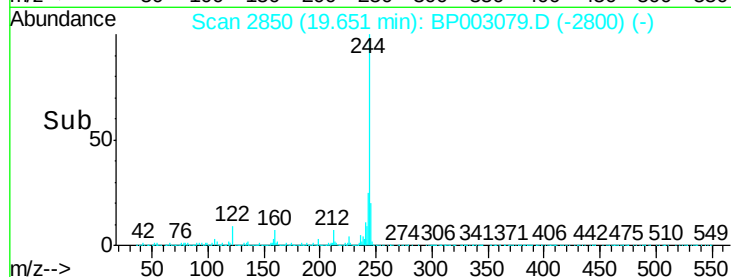
122 9.0 8.7 13.1



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: BP003079.D

Acq: 21 Aug 2020 14:28

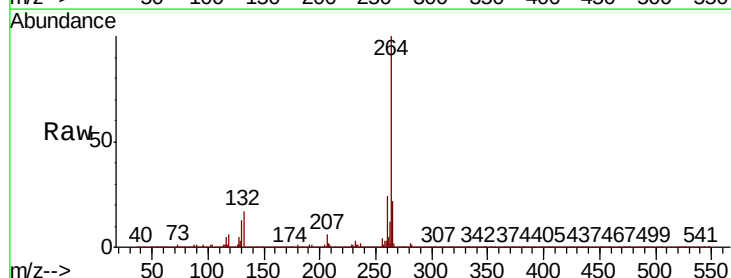
Tgt Ion:264 Resp: 1722344

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 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

