

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP003000.D
 Acq On : 17 Aug 2020 13:39
 Operator : CG/JU
 Sample : PB130933TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130933TB

Quant Time: Aug 17 15:02:22 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	7.69	152	322341	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1185394	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	792032	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1523611	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1544273	20.00	ng	0.00
86) Perylene-d12	23.42	264	1617830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1832861	87.03	ng	0.00
7) Phenol-d6	6.86	99	2140258	73.19	ng	0.00
23) Nitrobenzene-d5	8.83	82	1099145	50.22	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	746954	75.88	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3094929	53.39	ng	0.00
79) Terphenyl-d14	19.66	244	4306362	55.83	ng	0.00

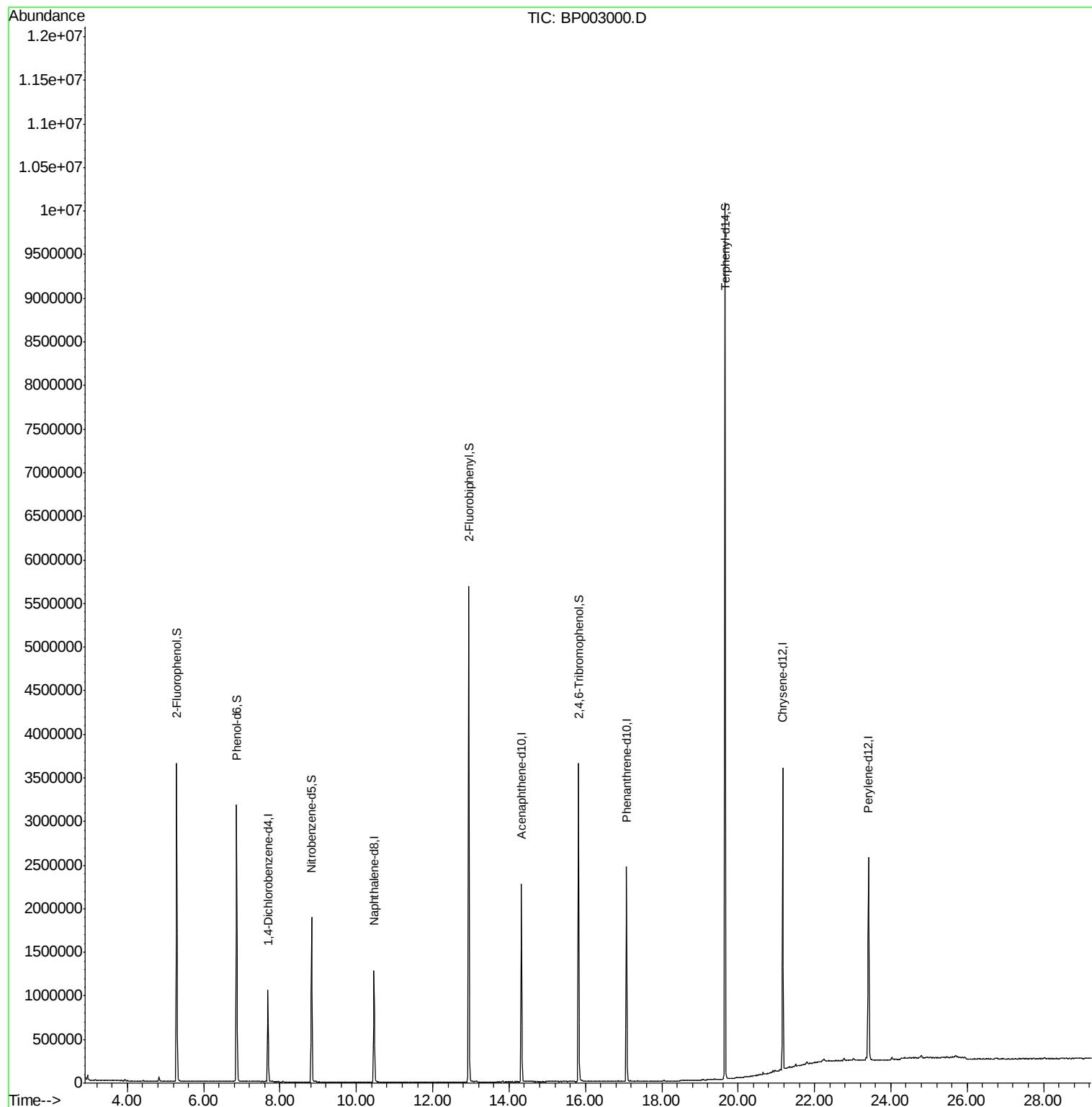
Target Compounds Qvalue

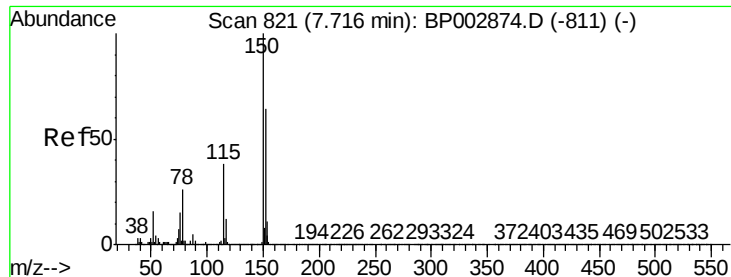
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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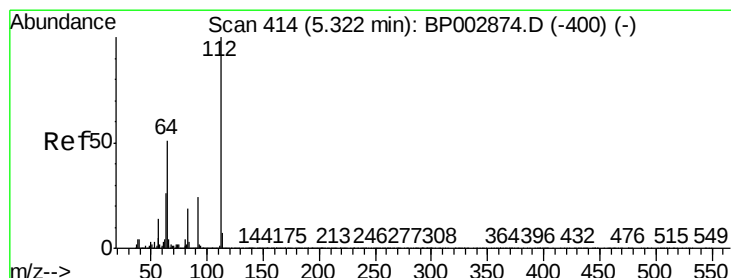
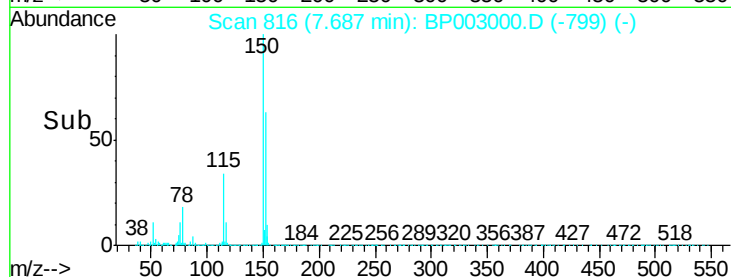
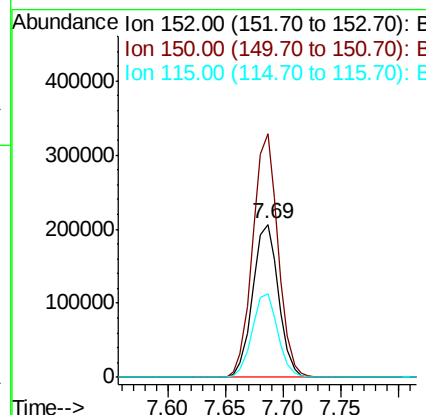
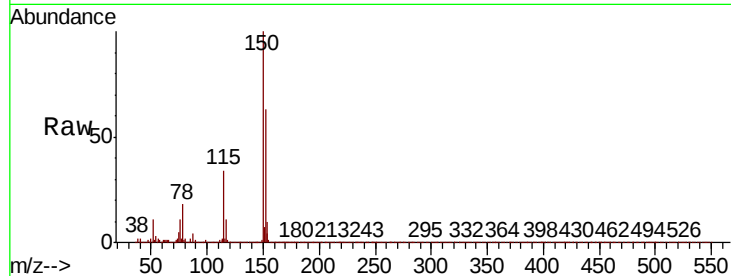




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

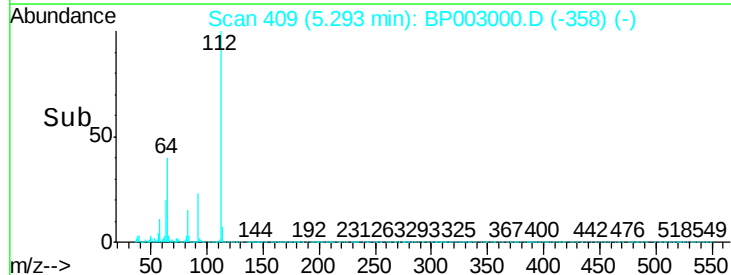
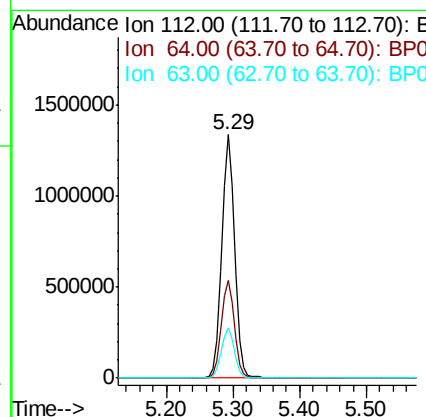
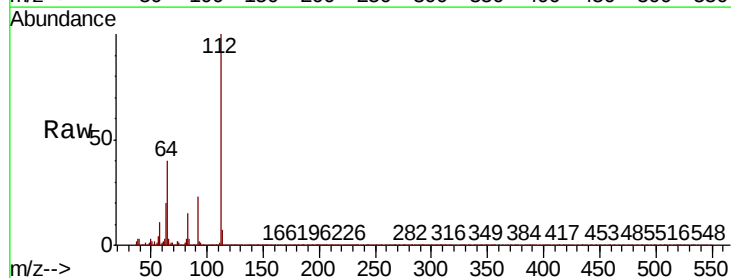
Instrument :
BNA_P
ClientSampleId :
PB130933TB

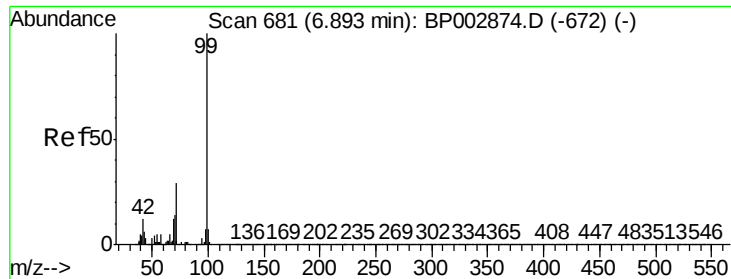
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.1	189.1
115	54.3	43.4	65.2



#5
2-Fluorophenol
Concen: 87.026 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.3	33.4	50.2
63	20.5	17.4	26.0





#7

Phenol-d6

Concen: 73.194 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

Instrument :

BNA_P

ClientSampleId :

PB130933TB

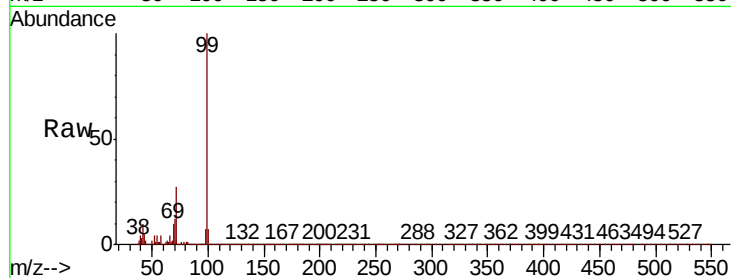
Tot Ion: 99 Resp: 2140258

Ion Ratio Lower Upper

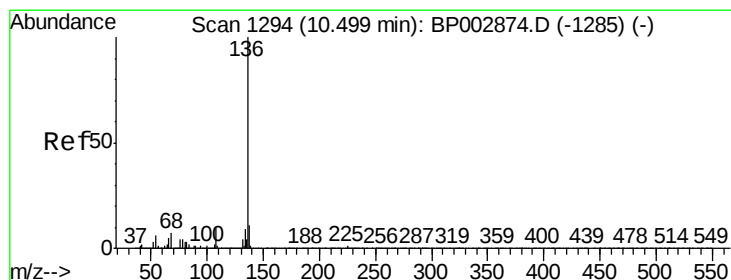
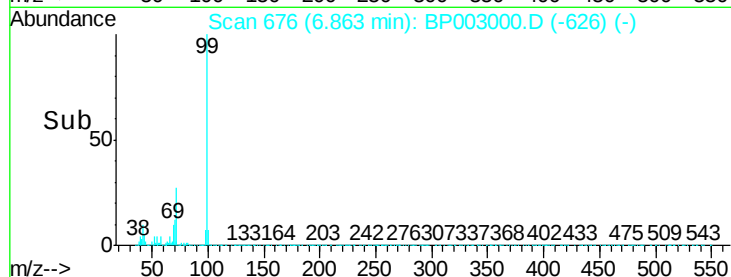
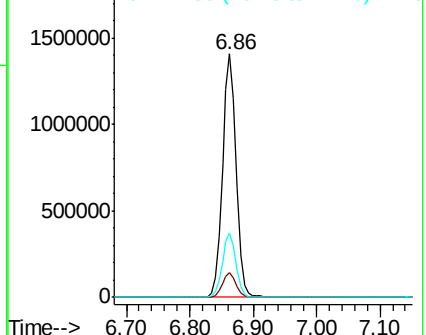
99 100

42 9.9 8.0 12.0

71 26.6 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# 1288

Delta R.T. -0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

Tgt Ion: 136 Resp: 1185394

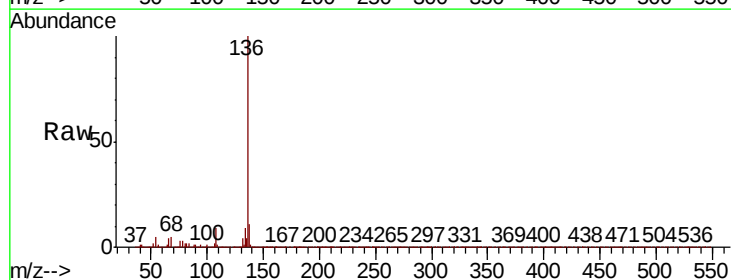
Ion Ratio Lower Upper

136 100

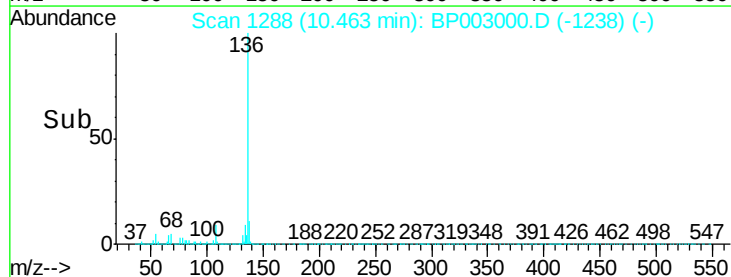
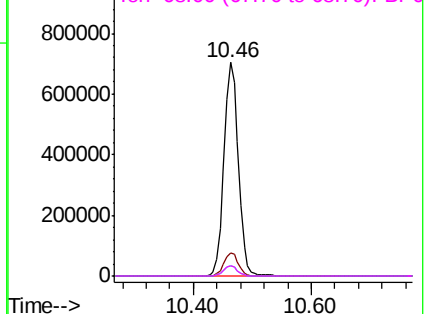
137 10.9 8.8 13.2

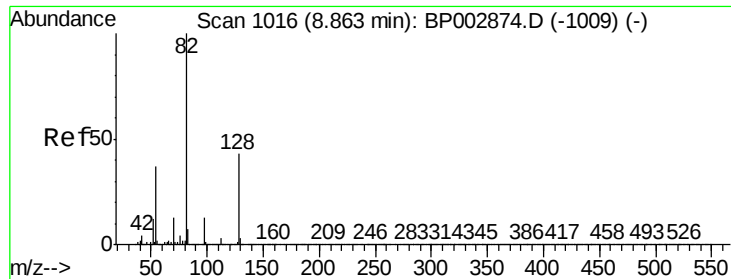
54 4.6 3.8 5.8

68 4.7 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

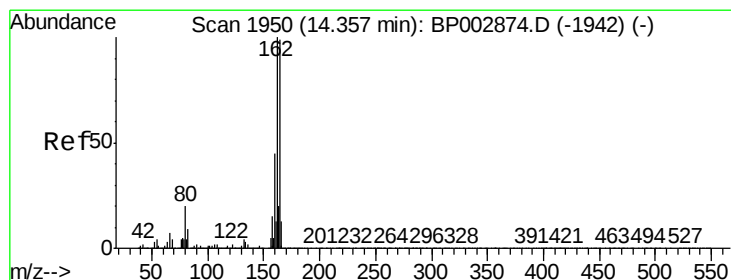
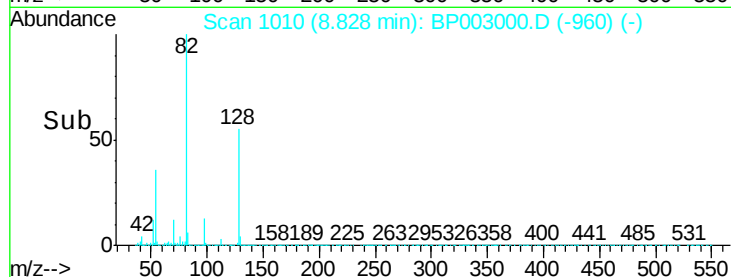
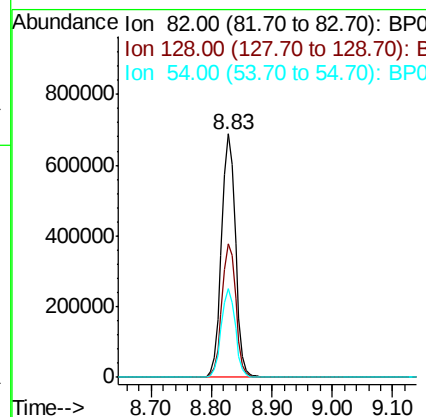
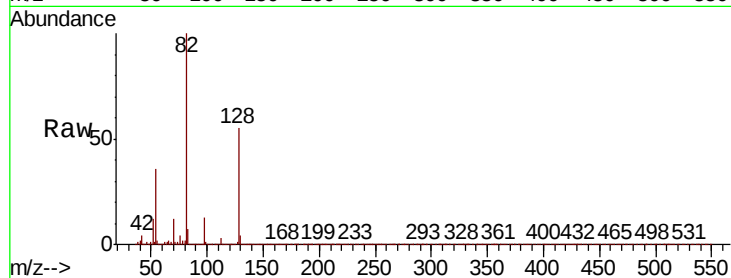




#23
Nitrobenzene-d5
Concen: 50.222 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

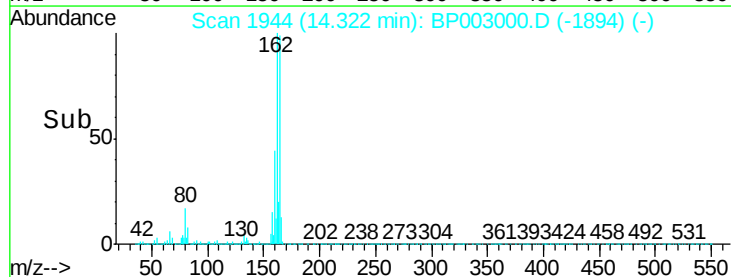
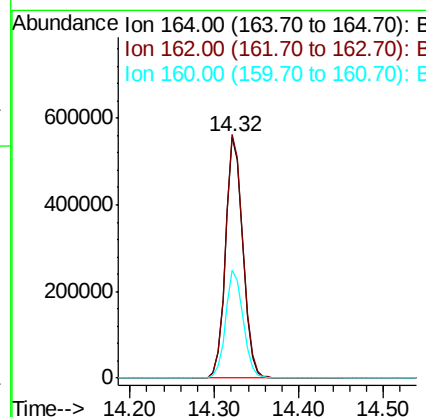
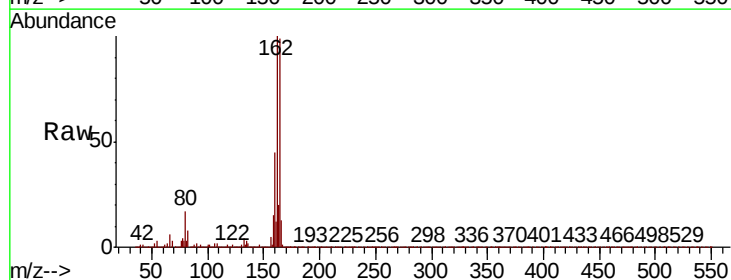
Instrument :
BNA_P
ClientSampleId :
PB130933TB

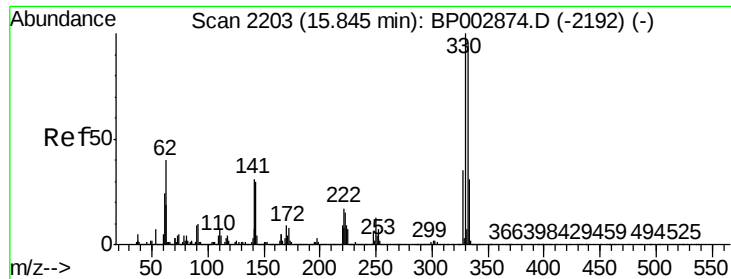
Tot Ion: 82 Resp: 1099145
Ion Ratio Lower Upper
82 100
128 54.6 45.1 67.7
54 36.4 28.8 43.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Tgt Ion:164 Resp: 792032
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 44.8 35.5 53.3

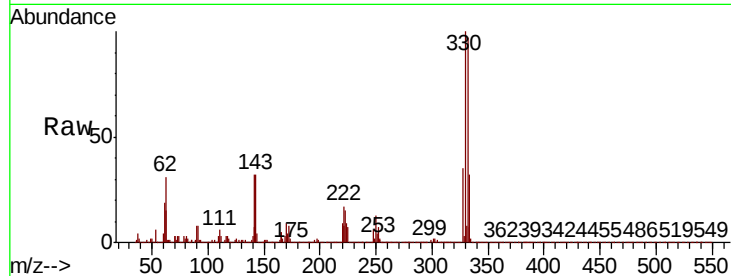




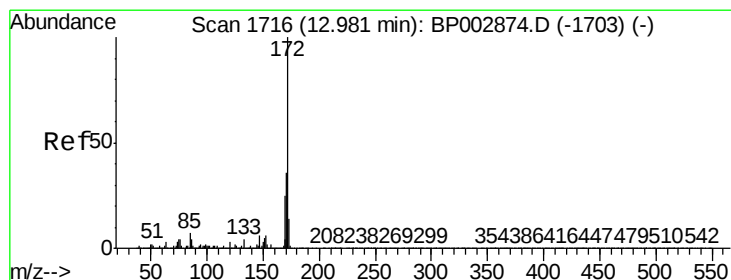
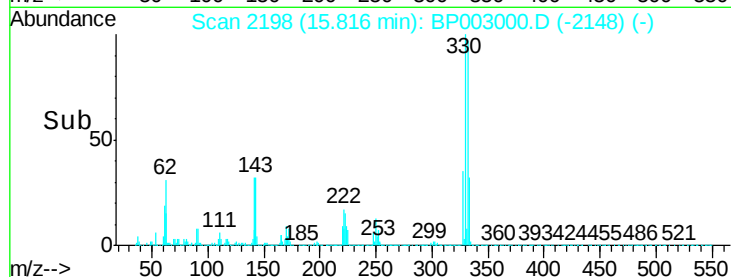
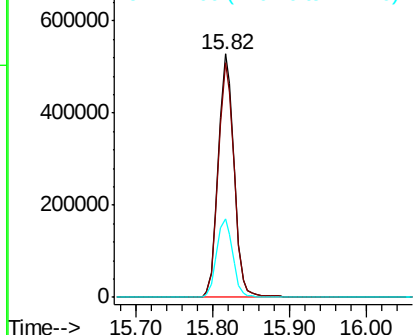
#42
2,4,6-Tribromophenol
Concen: 75.879 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Instrument :
BNA_P
ClientSampleId :
PB130933TB

Tot Ion:330 Resp: 746954
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 33.1 26.7 40.1

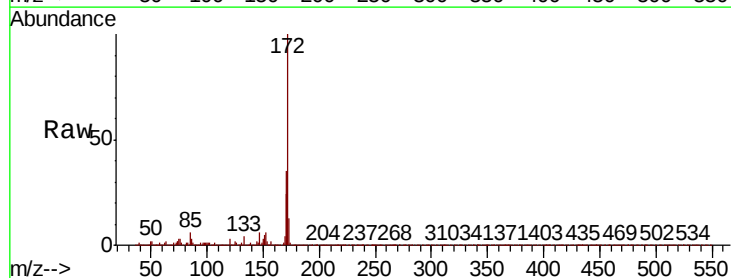


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

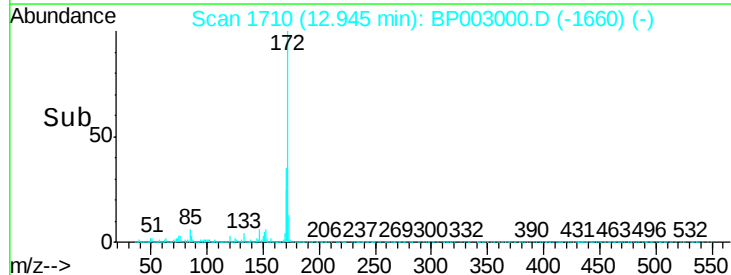
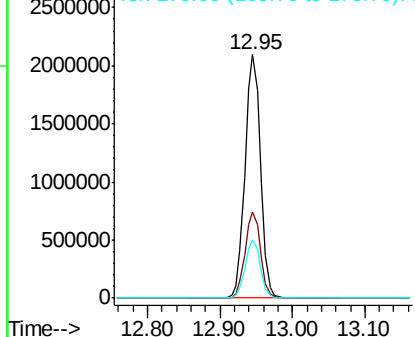


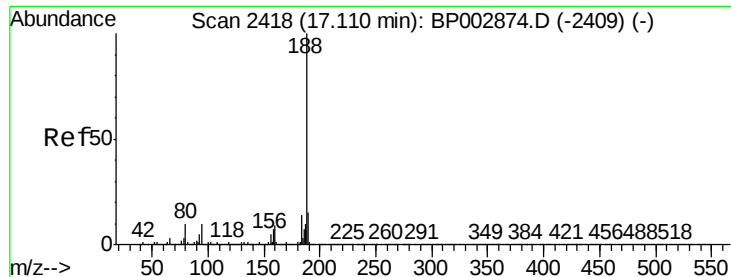
#45
2-Fluorobiphenyl
Concen: 53.389 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Tgt Ion:172 Resp: 3094929
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.6 19.1 28.7



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: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

Instrument :

BNA_P

ClientSampled :

PB130933TB

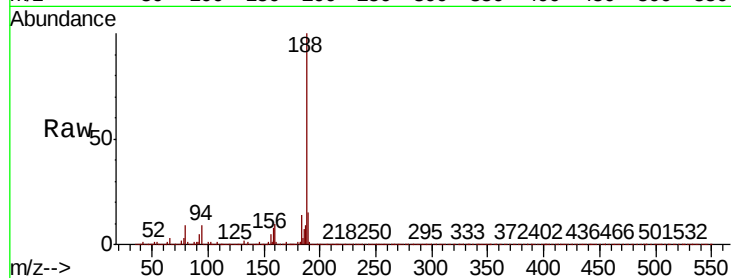
Tot Ion:188 Resp: 1523611

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

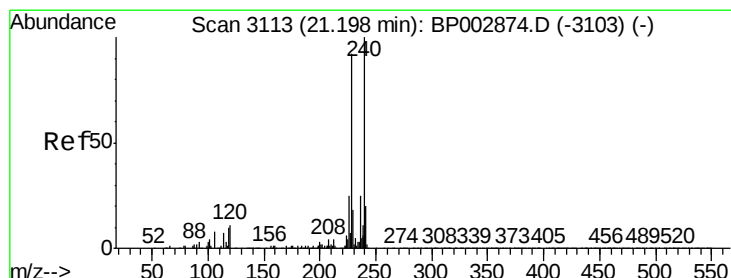
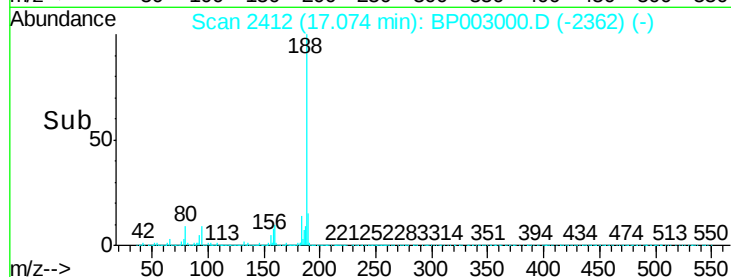
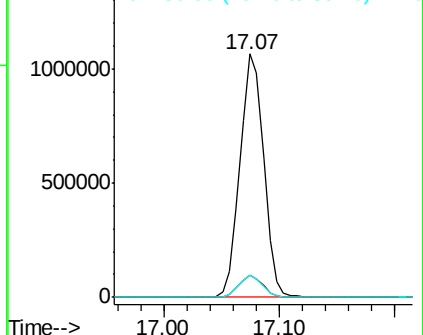
80 9.1 6.7 10.1



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: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

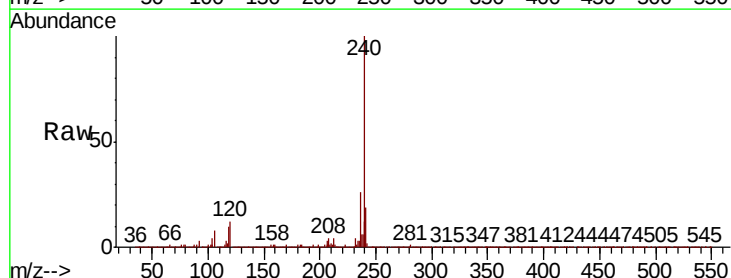
Tgt Ion:240 Resp: 1544273

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

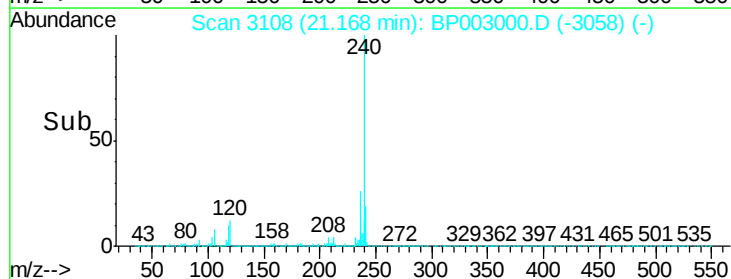
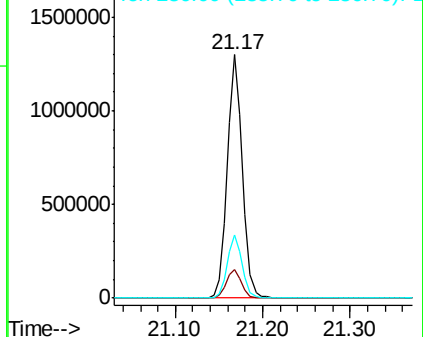
236 25.9 20.8 31.2

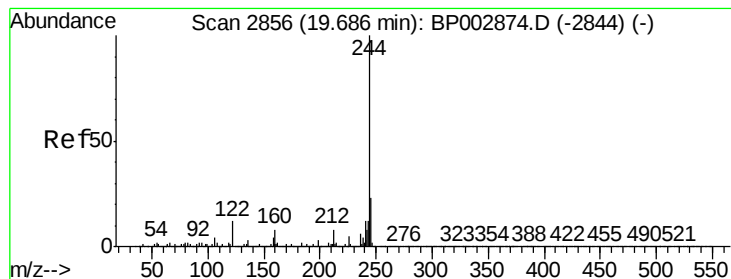


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.827 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

Instrument :

BNA_P

ClientSampleId :

PB130933TB

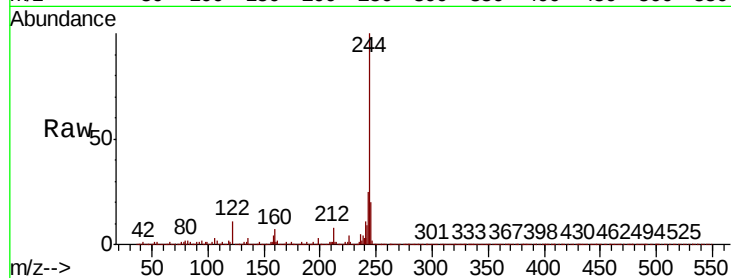
Tot Ion:244 Resp: 4306362

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

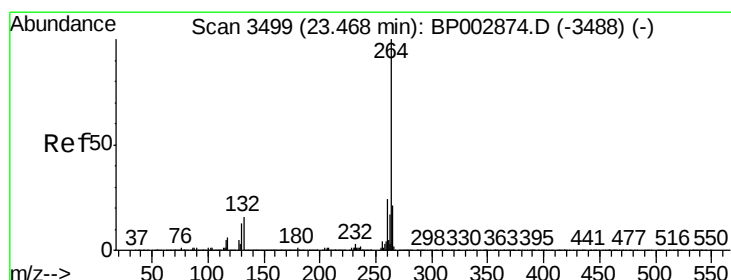
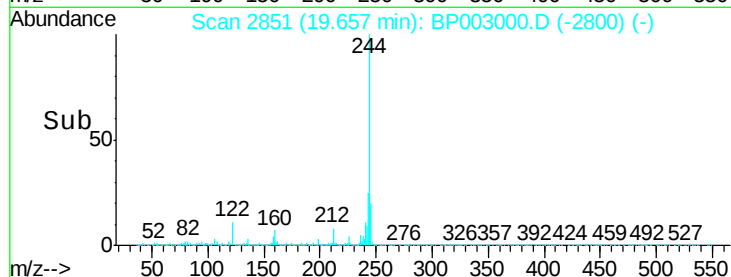
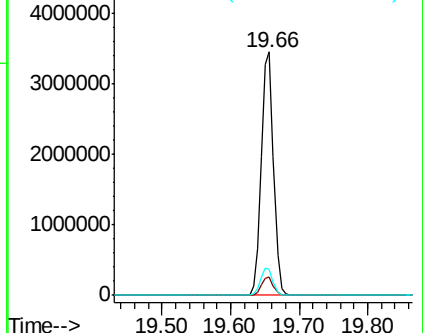
122 10.7 8.7 13.1



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: 23.42 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

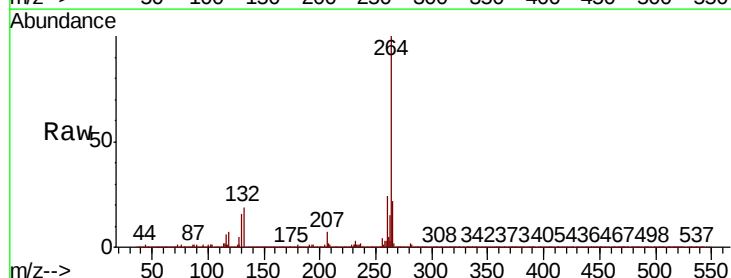
Tgt Ion:264 Resp: 1617830

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.7 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

