

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP002996.D
 Acq On : 17 Aug 2020 11:23
 Operator : CG/JU
 Sample : PB131001BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131001BL

Quant Time: Aug 17 14:46:43 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	273021	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1206488	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	639421	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1398136	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1505099	20.00	ng	0.00
86) Perylene-d12	23.42	264	1630987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2060194	115.49	ng	0.00
7) Phenol-d6	6.86	99	2148466	86.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	1248352	56.04	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	893124	112.38	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3444377	73.60	ng	0.00
79) Terphenyl-d14	19.66	244	4954113	65.90	ng	0.00

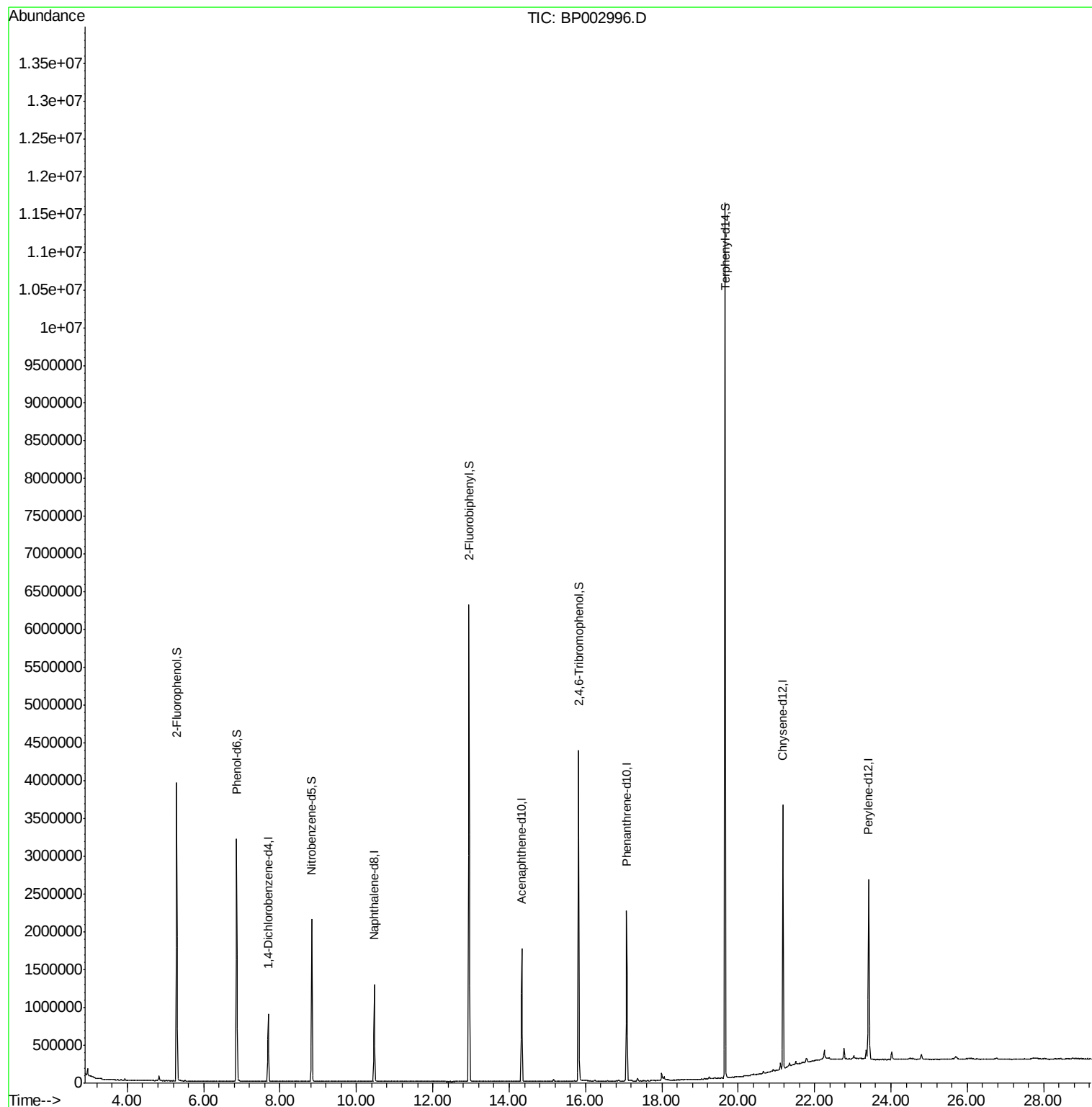
Target Compounds Qvalue

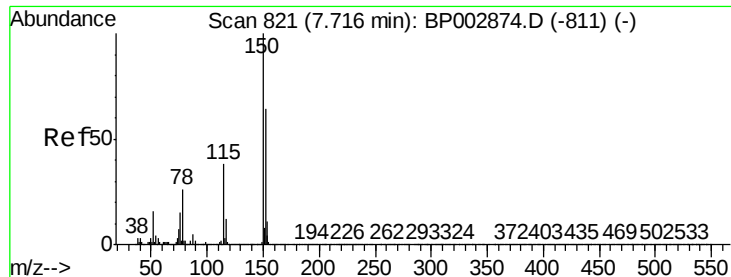
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.69 min Scan# 816

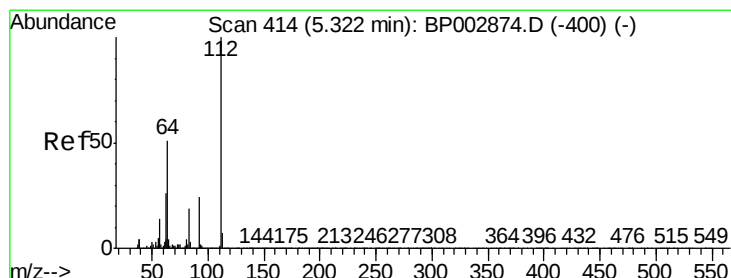
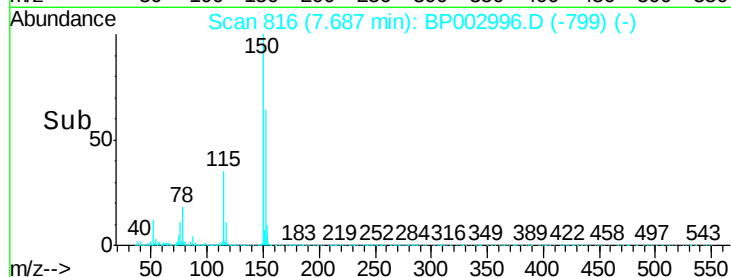
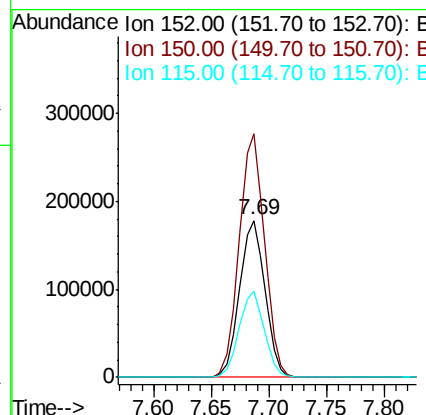
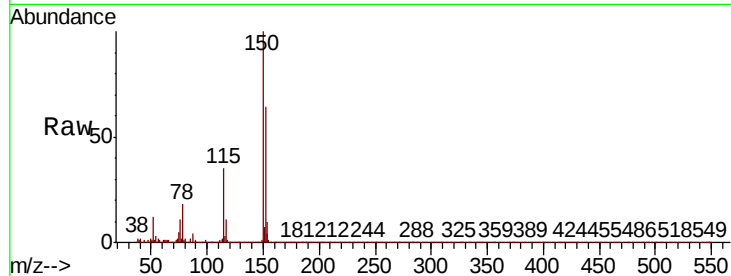
Delta R.T. 0.00 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :
BNA_P
ClientSampleId :
PB131001BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.1	189.1
115	54.8	43.4	65.2



#5

2-Fluorophenol

Concen: 115.490 ng

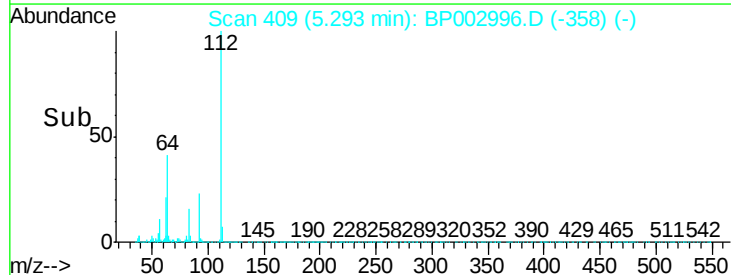
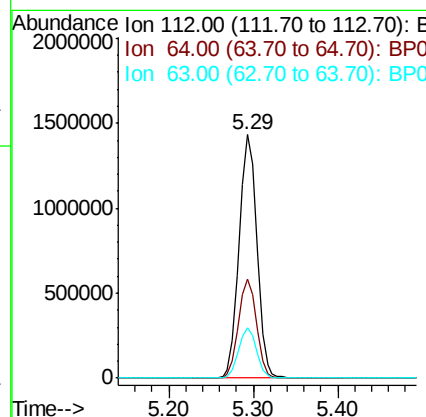
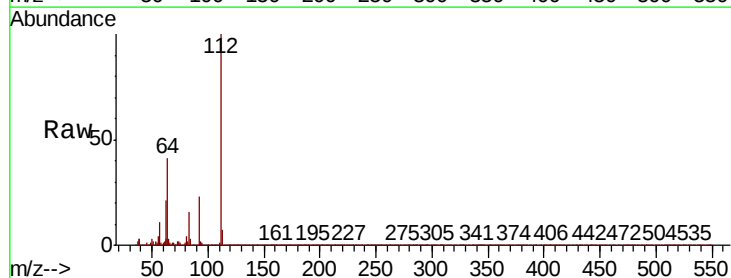
RT: 5.29 min Scan# 409

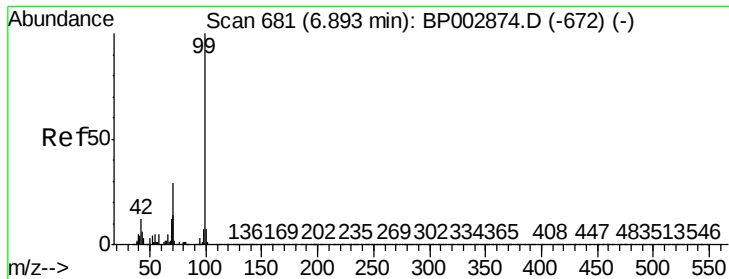
Delta R.T. 0.00 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.8	33.4	50.2
63	20.6	17.4	26.0





#7

Phenol-d6

Concen: 86.748 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :

BNA_P

ClientSampleId :

PB131001BL

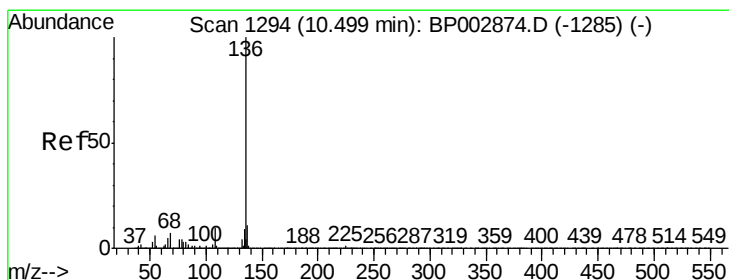
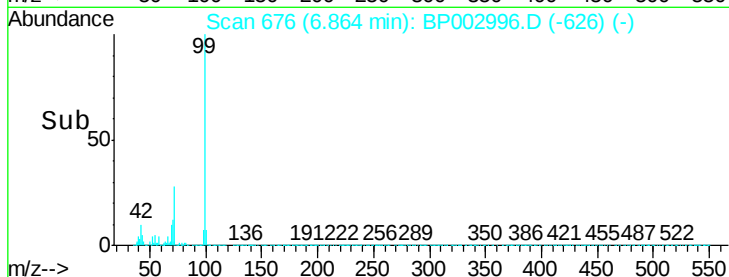
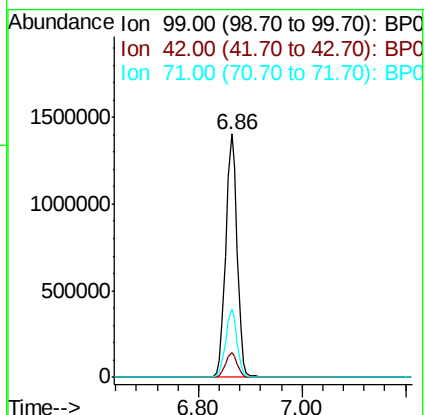
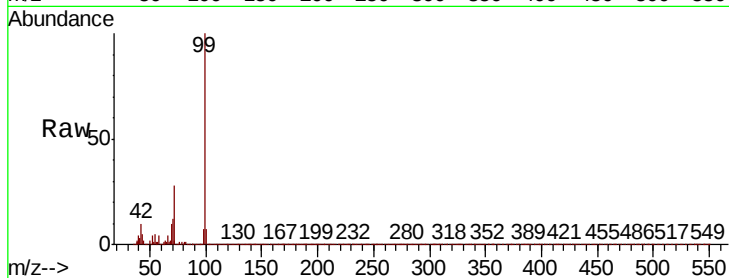
Tot Ion: 99 Resp: 2148466

Ion Ratio Lower Upper

99 100

42 10.3 8.0 12.0

71 27.9 21.3 31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Tgt Ion: 136 Resp: 1206488

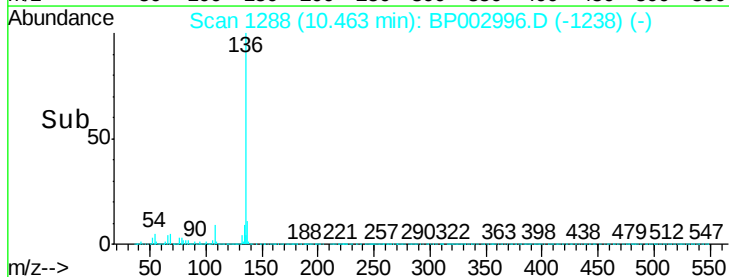
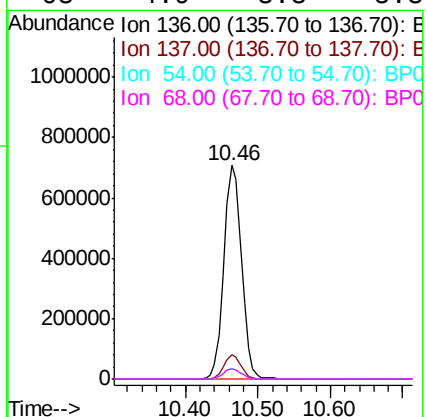
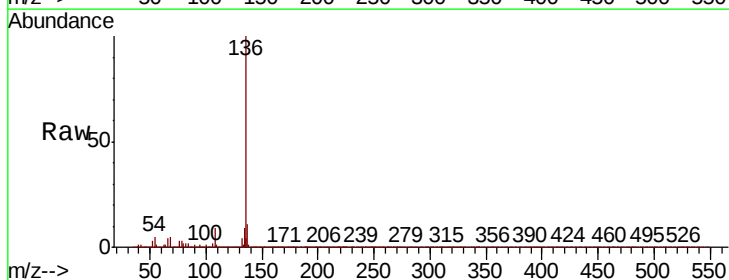
Ion Ratio Lower Upper

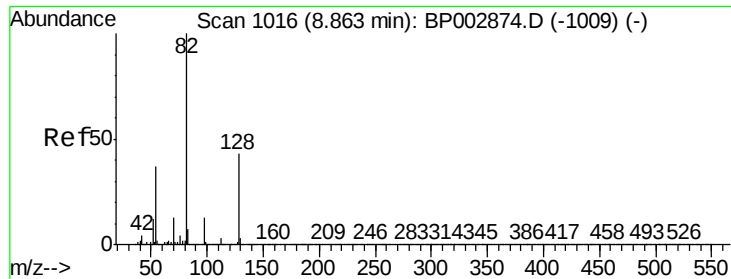
136 100

137 11.2 8.8 13.2

54 4.9 3.8 5.8

68 4.9 3.8 5.8

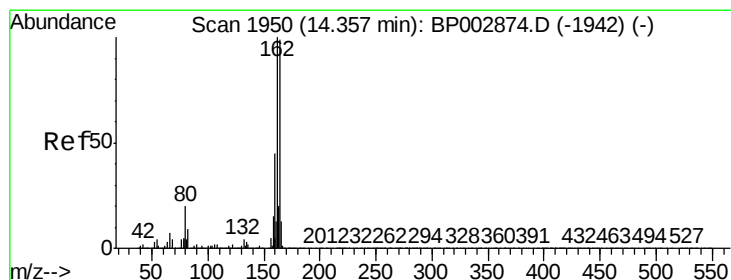
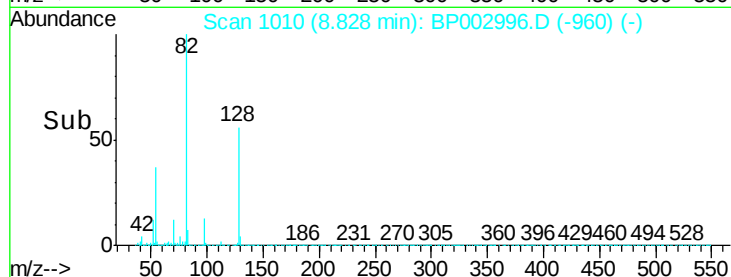
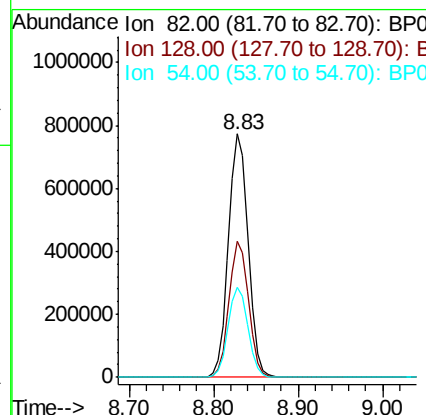
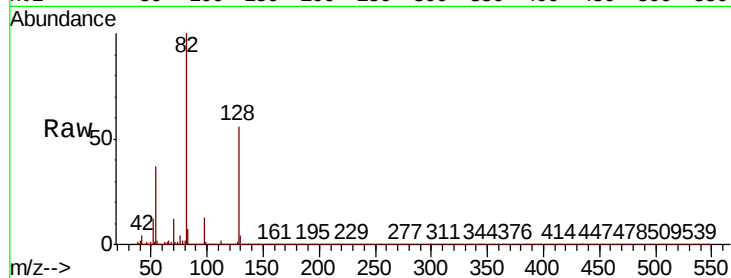




#23
 Nitrobenzene-d5
 Concen: 56.042 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP002996.D
 Acq: 17 Aug 2020 11:23

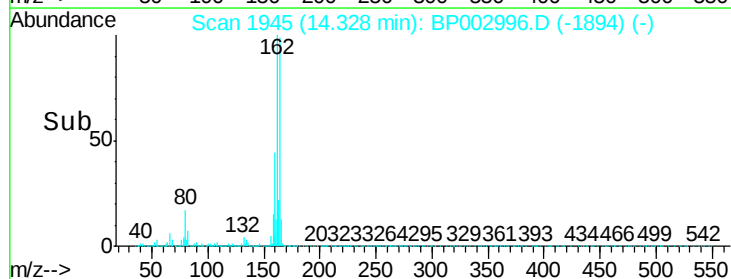
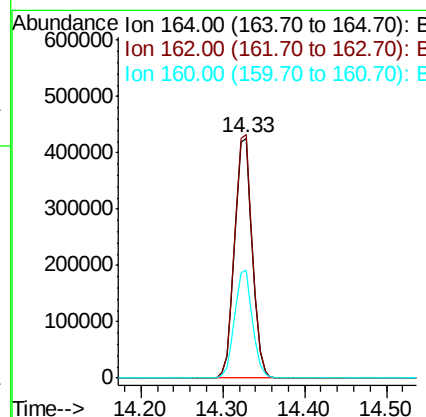
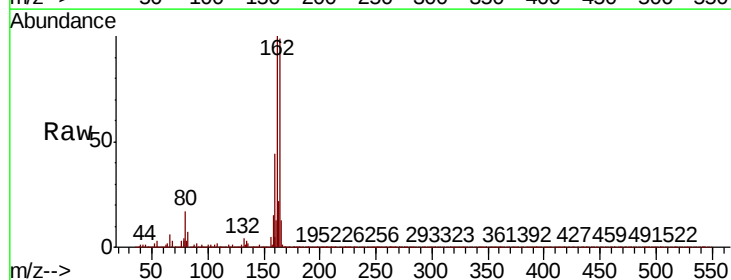
Instrument :
 BNA_P
 ClientSampleId :
 PB131001BL

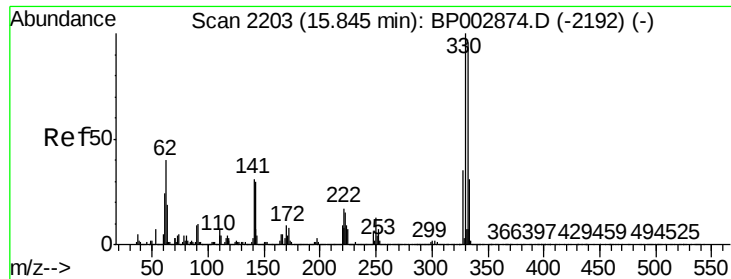
Tot Ion: 82 Resp: 1248352
 Ion Ratio Lower Upper
 82 100
 128 55.7 45.1 67.7
 54 36.9 28.8 43.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: BP002996.D
 Acq: 17 Aug 2020 11:23

Tgt Ion:164 Resp: 639421
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.4 122.0
 160 44.8 35.5 53.3

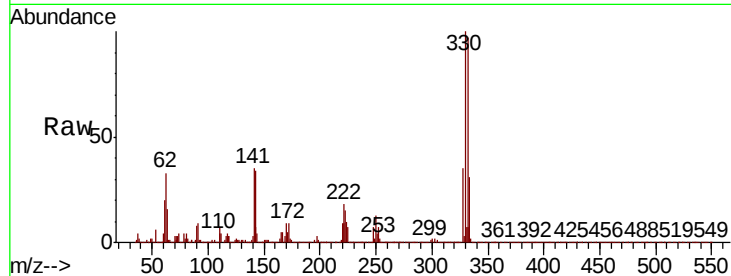




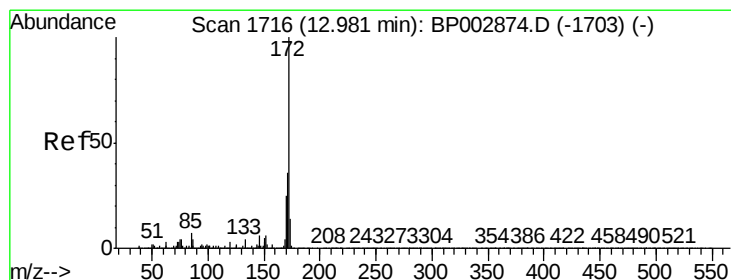
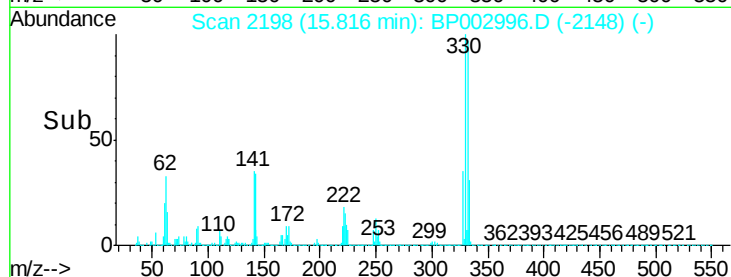
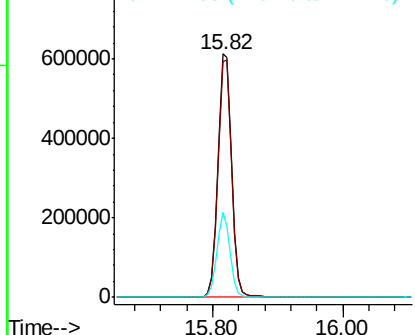
#42
2,4,6-Tribromophenol
Concen: 112.381 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Instrument :
BNA_P
ClientSampleId :
PB131001BL

Tot Ion:330 Resp: 893124
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 33.2 26.7 40.1

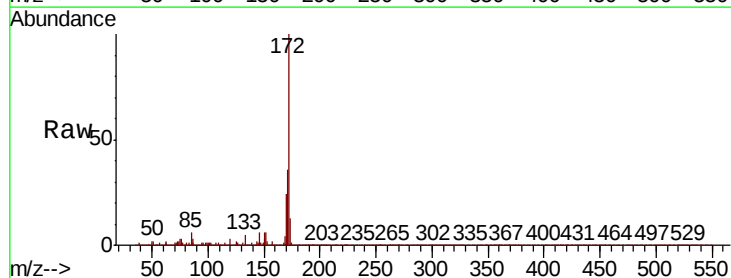


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

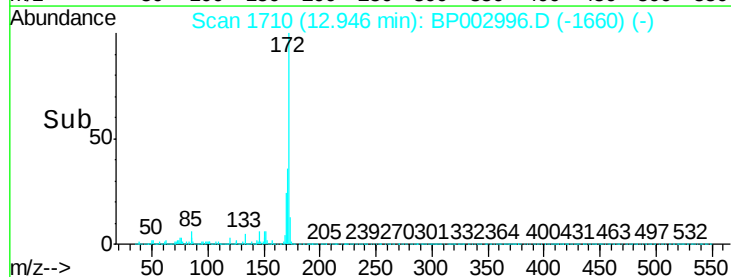
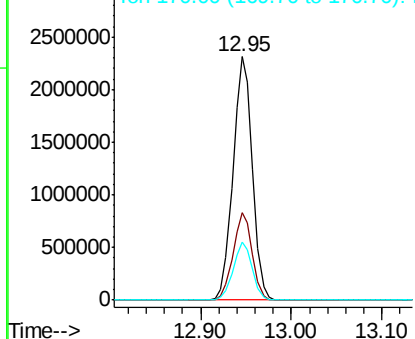


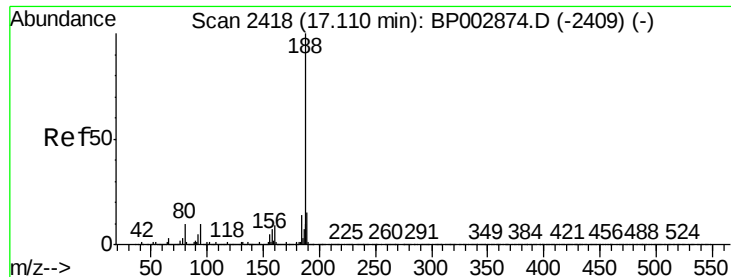
#45
2-Fluorobiphenyl
Concen: 73.599 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Tgt Ion:172 Resp: 3444377
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 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: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :

BNA_P

ClientSampleId :

PB131001BL

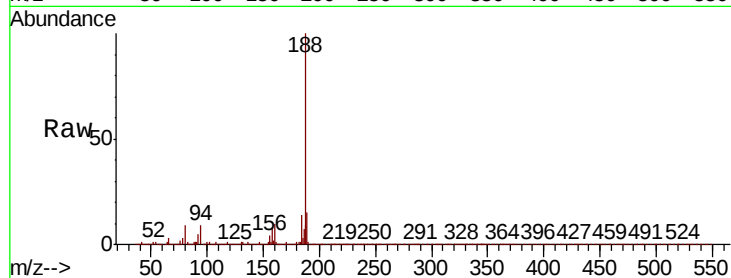
Tot Ion:188 Resp: 1398136

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

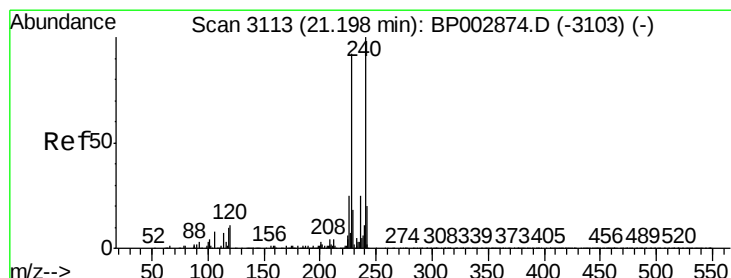
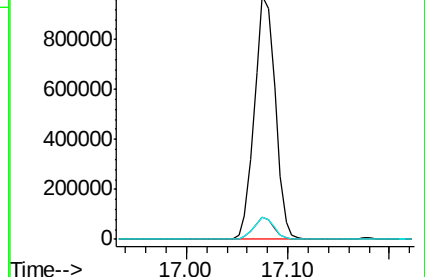
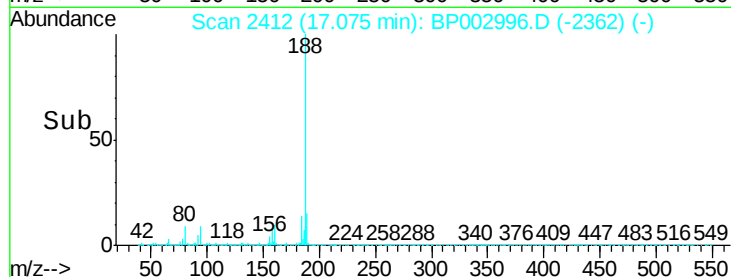
80 9.1 6.7 10.1



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: BP002996.D

Acq: 17 Aug 2020 11:23

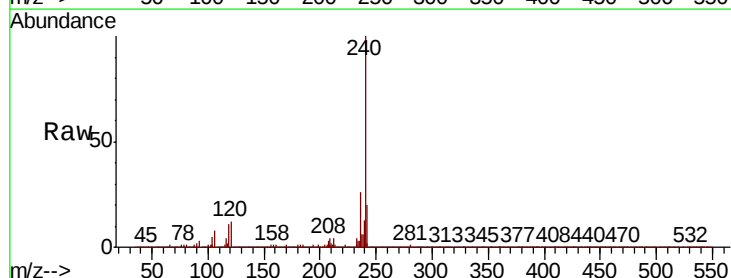
Tgt Ion:240 Resp: 1505099

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

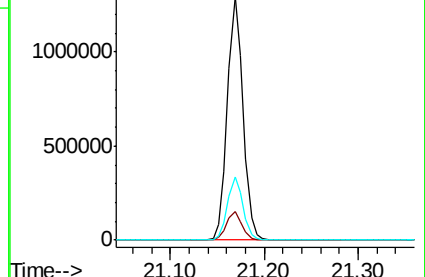
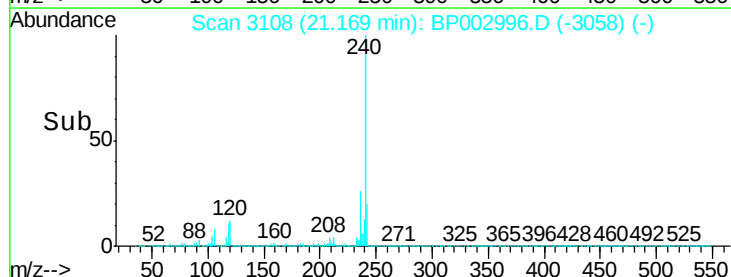
236 25.8 20.8 31.2

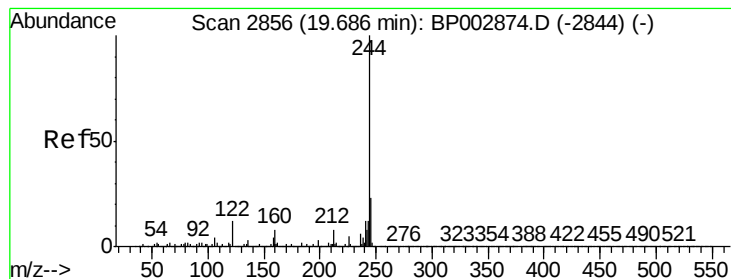


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.895 ng

RT: 19.66 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :

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PB131001BL

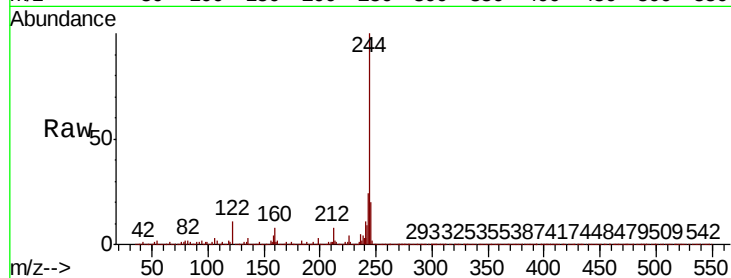
Tot Ion:244 Resp: 4954113

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

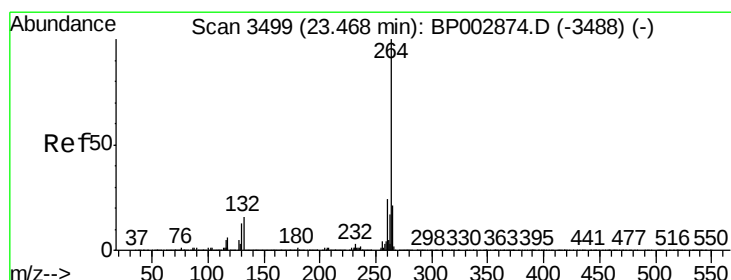
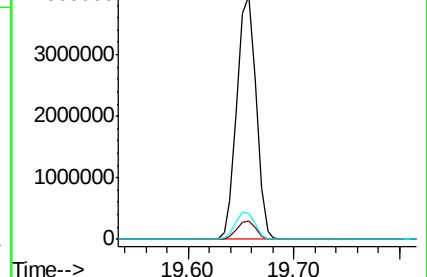
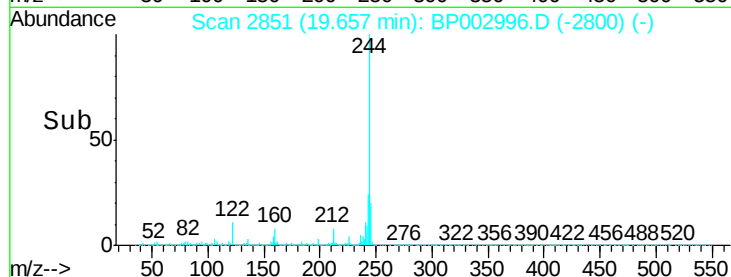
122 10.8 8.7 13.1



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: BP002996.D

Acq: 17 Aug 2020 11:23

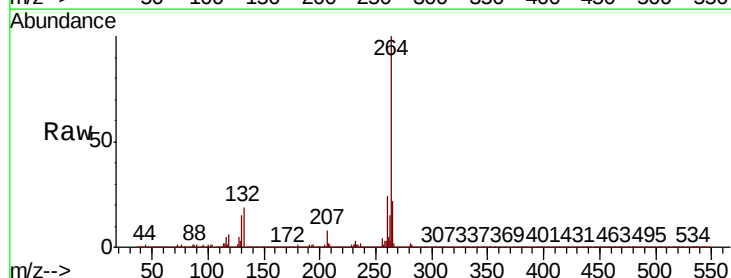
Tgt Ion:264 Resp: 1630987

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 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

