

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003035.D
 Acq On : 19 Aug 2020 13:10
 Operator : CG/JU
 Sample : PB131036BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131036BL

Quant Time: Aug 19 14:42:20 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	356915	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1201824	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	771911	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1399968	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1540112	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1666830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2210403	94.78	ng	0.00
7) Phenol-d6	6.86	99	2542352	78.52	ng	0.00
23) Nitrobenzene-d5	8.83	82	1489921	67.15	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	897718	93.57	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3975705	70.37	ng	0.00
79) Terphenyl-d14	19.65	244	4544550	59.07	ng	0.00

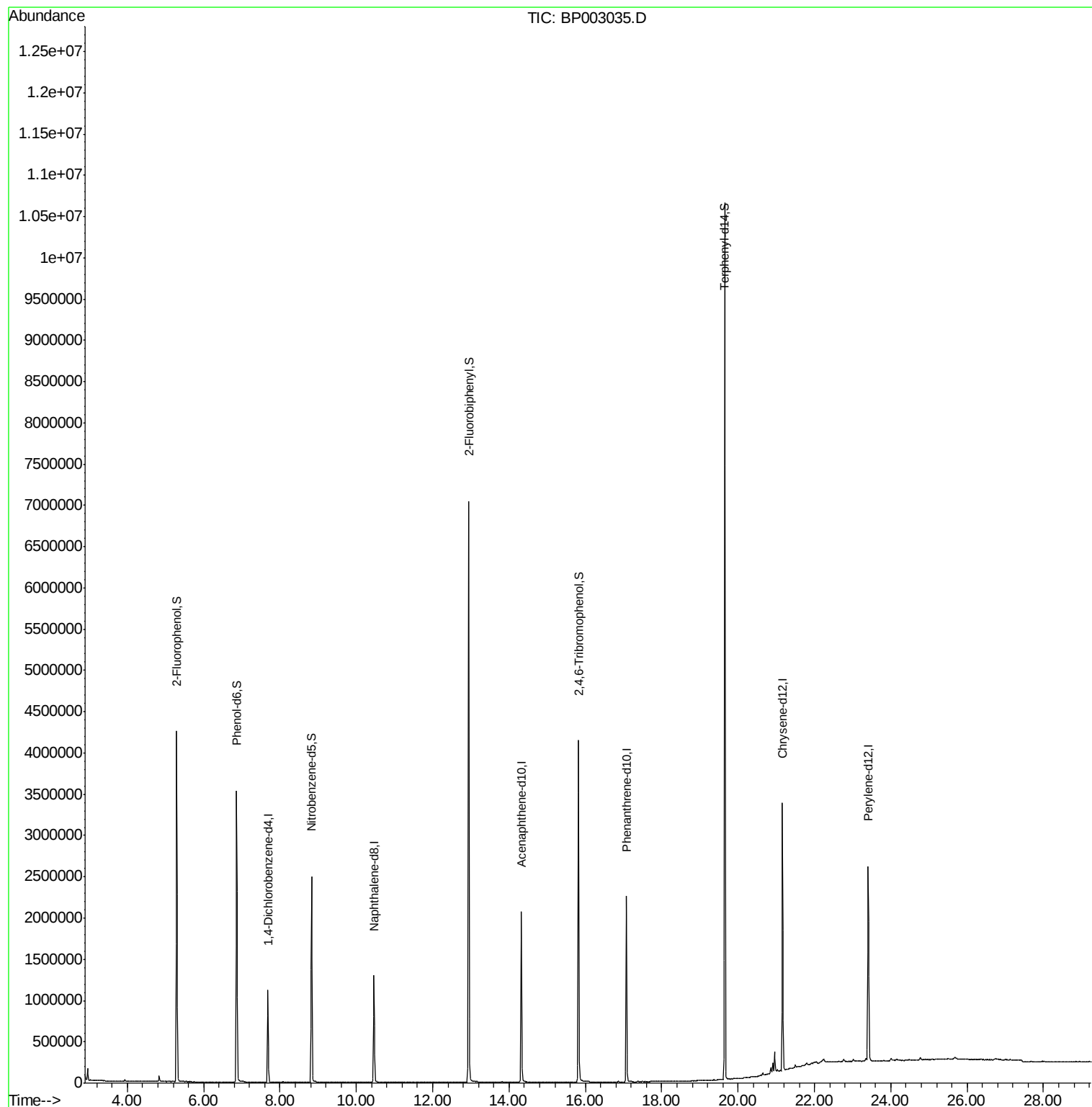
Target Compounds Qvalue

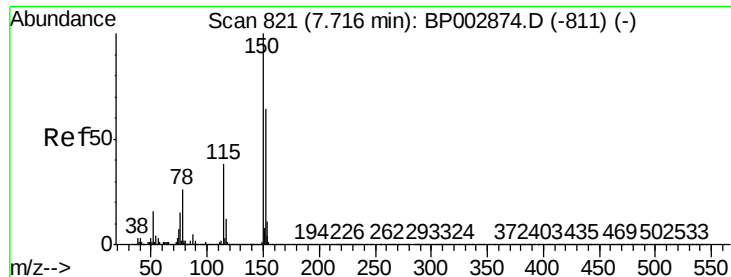
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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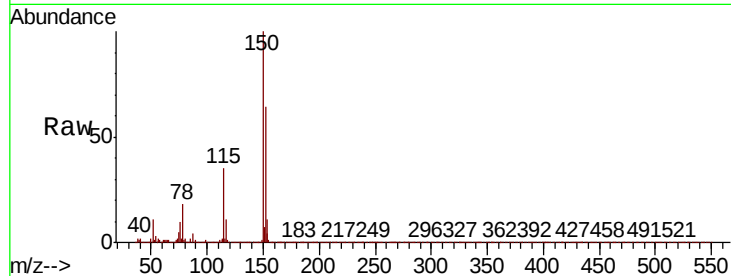


#1

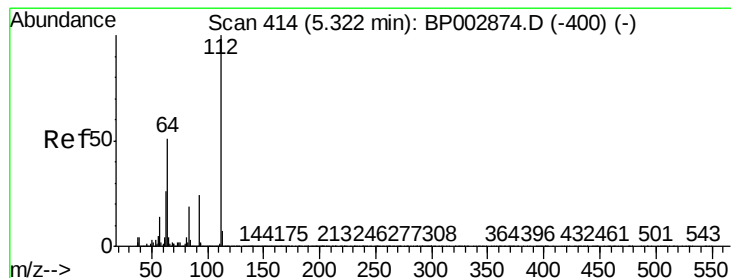
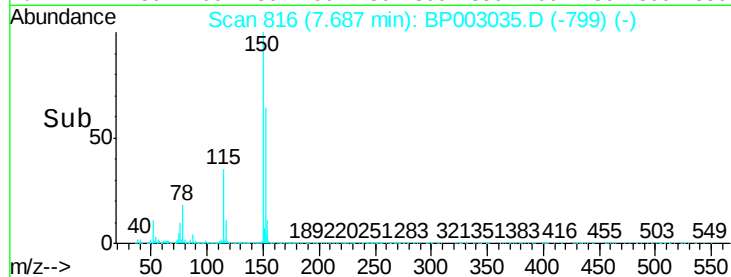
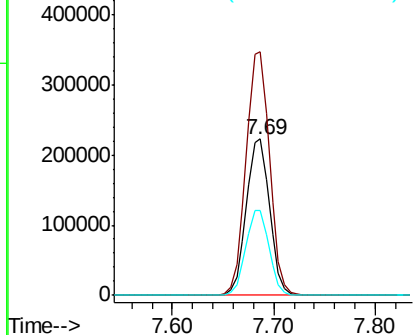
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Instrument :
BNA_P
ClientSampleId :
PB131036BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.1	189.1
115	54.0	43.4	65.2



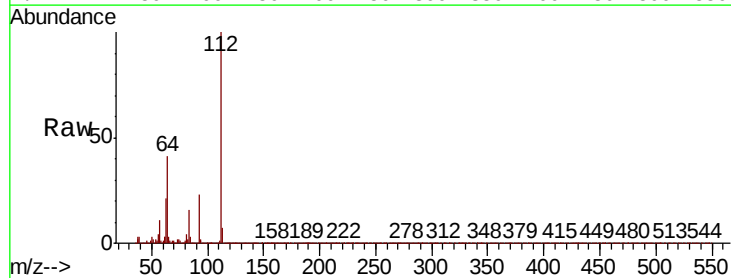
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



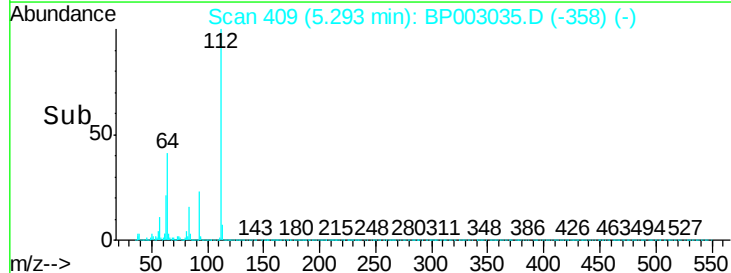
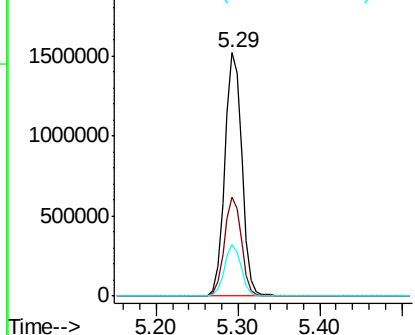
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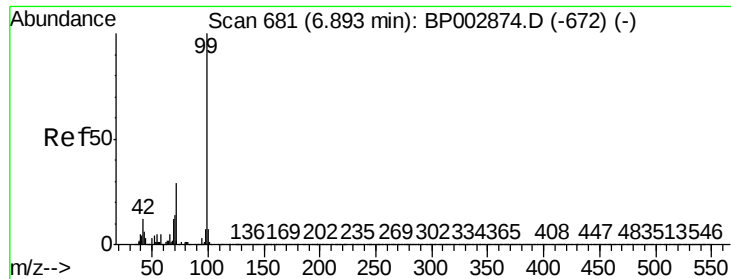
2-Fluorophenol
Concen: 94.785 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.7	33.4	50.2
63	21.0	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: 78.523 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003035.D

Acq: 19 Aug 2020 13:10

Instrument :

BNA_P

ClientSampleId :

PB131036BL

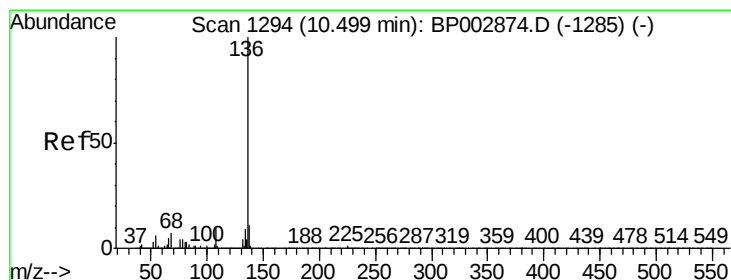
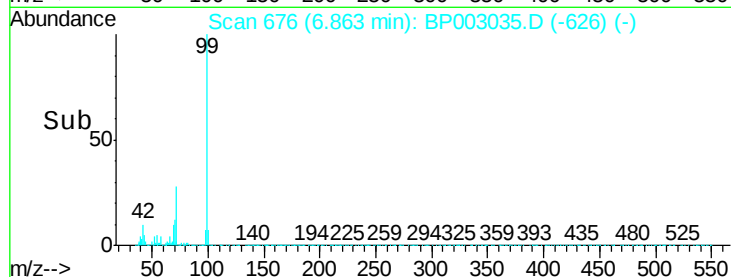
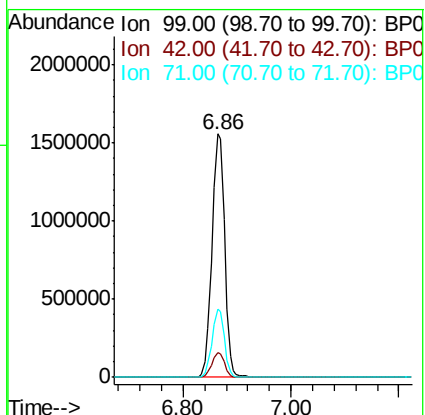
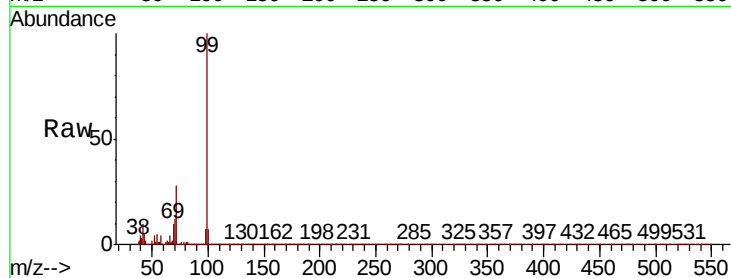
Tot Ion: 99 Resp: 2542352

Ion Ratio Lower Upper

99 100

42 10.1 8.0 12.0

71 28.0 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: BP003035.D

Acq: 19 Aug 2020 13:10

Tgt Ion: 136 Resp: 1201824

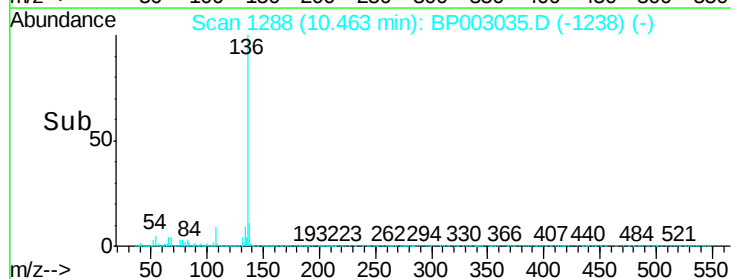
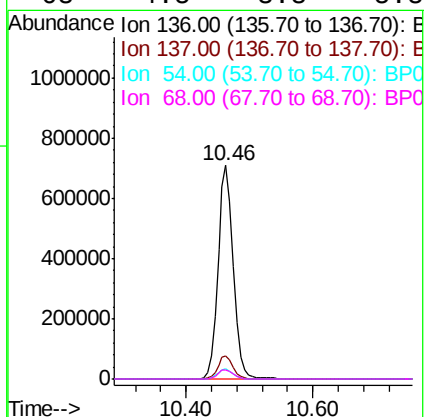
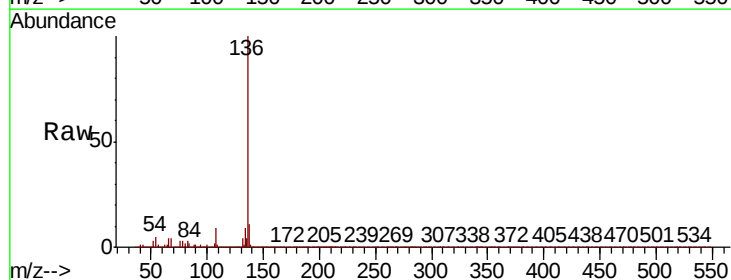
Ion Ratio Lower Upper

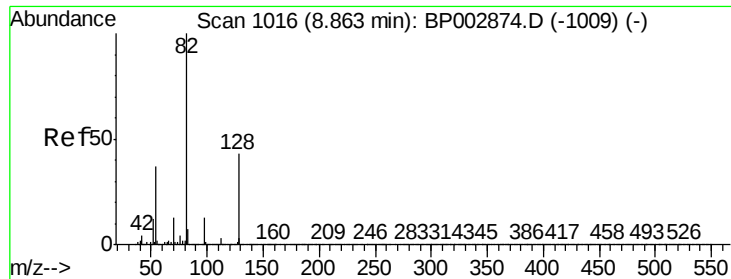
136 100

137 11.0 8.8 13.2

54 4.5 3.8 5.8

68 4.5 3.8 5.8

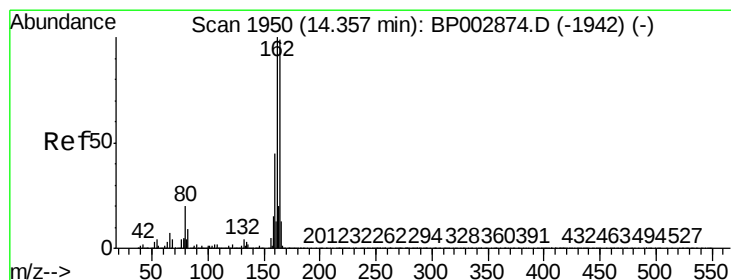
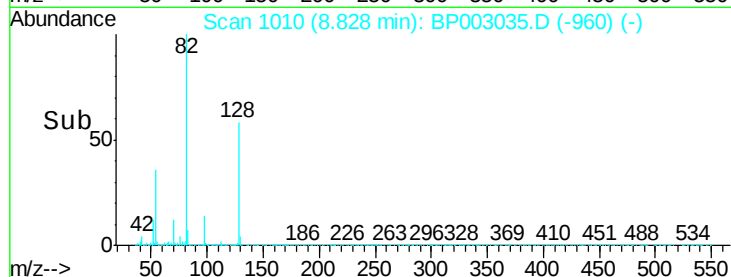
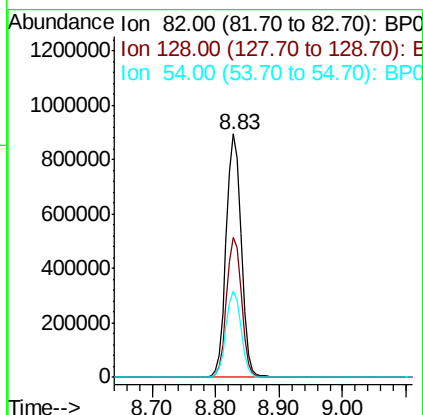
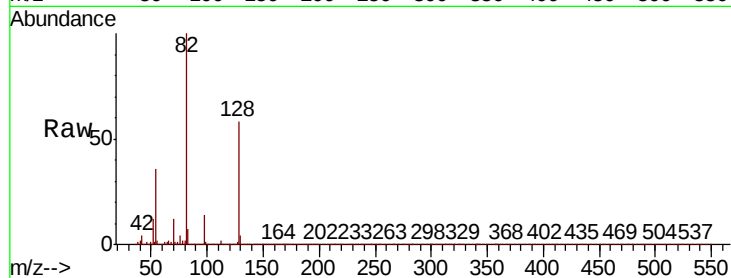




#23
Nitrobenzene-d5
Concen: 67.146 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

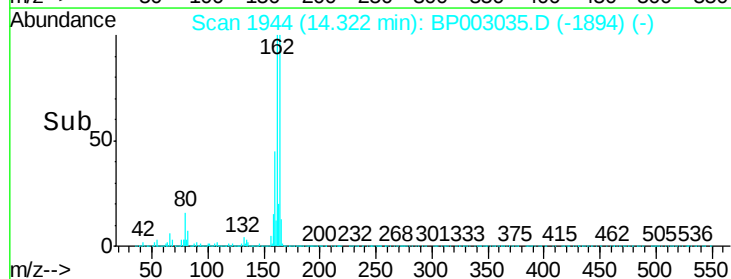
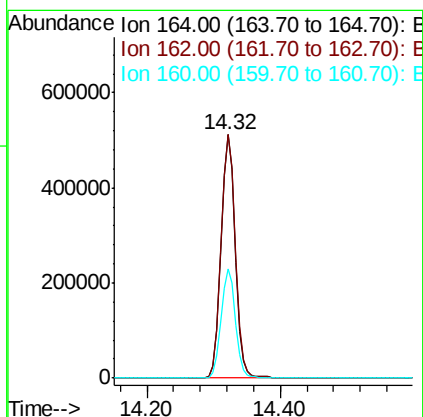
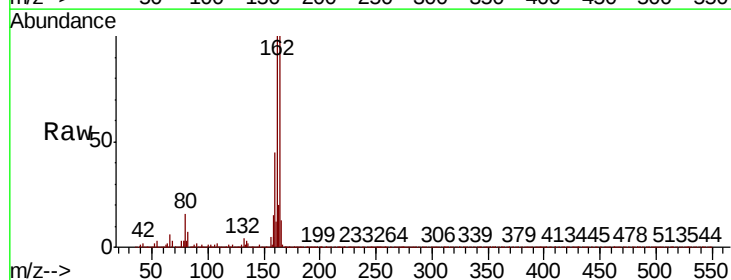
Instrument :
BNA_P
ClientSampleId :
PB131036BL

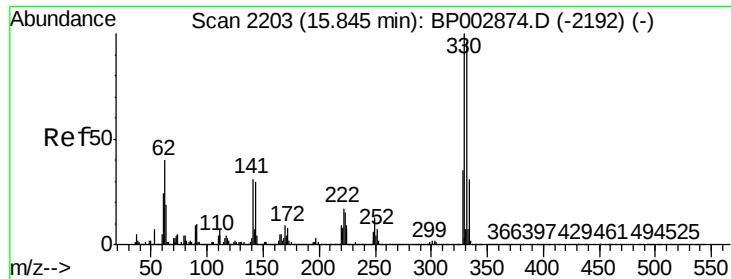
Tot Ion: 82 Resp: 1489921
Ion Ratio Lower Upper
82 100
128 57.7 45.1 67.7
54 35.6 28.8 43.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Tgt Ion:164 Resp: 771911
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 44.8 35.5 53.3

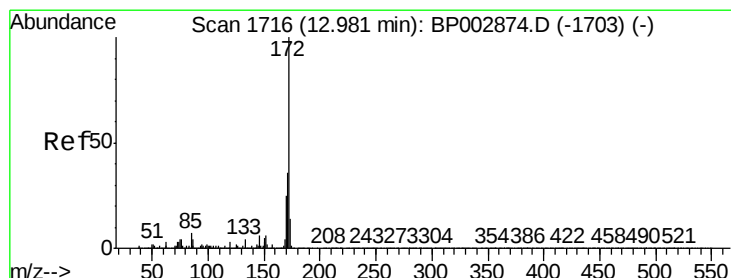
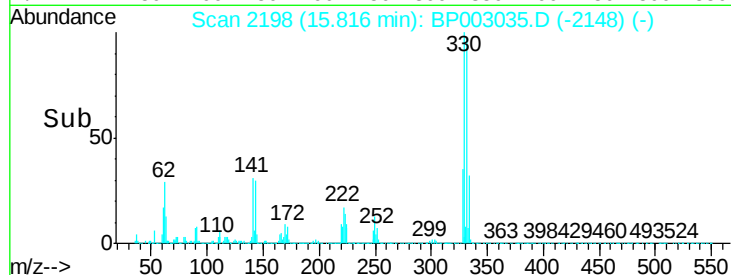
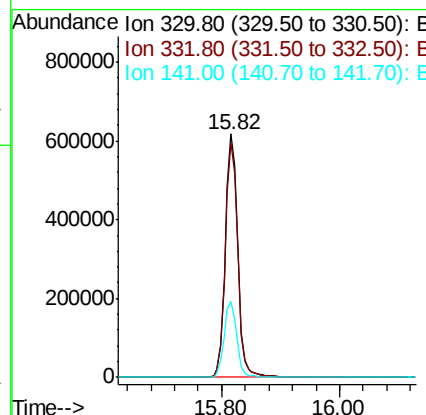
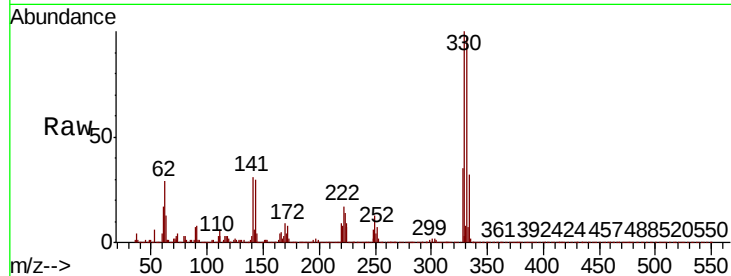




#42
 2,4,6-Tribromophenol
 Concen: 93.571 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003035.D
 Acq: 19 Aug 2020 13:10

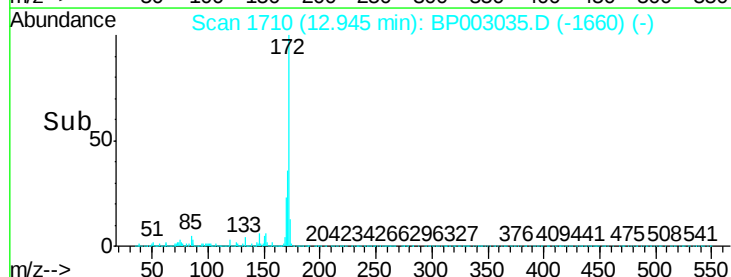
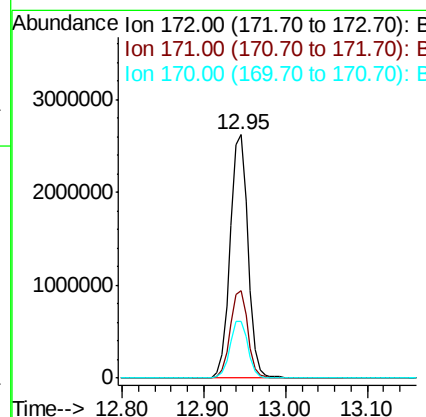
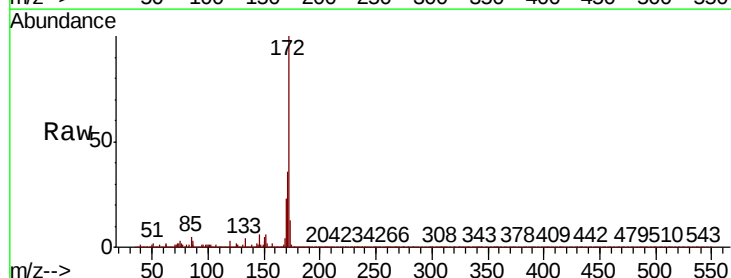
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BL

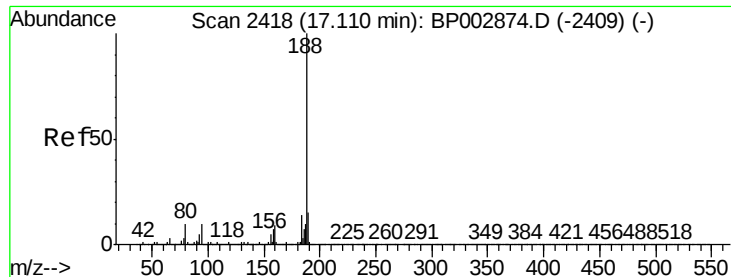
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.7	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 70.371 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003035.D
 Acq: 19 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.5	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: BP003035.D

Acq: 19 Aug 2020 13:10

Instrument :

BNA_P

ClientSampleId :

PB131036BL

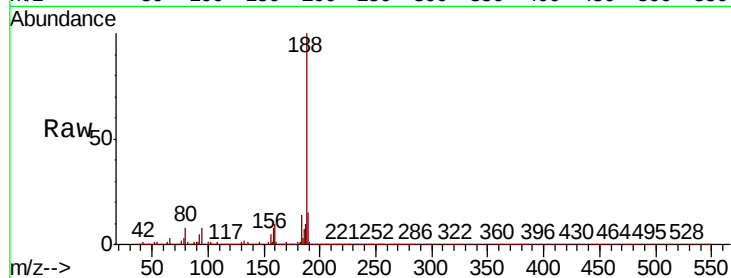
Tot Ion:188 Resp: 1399968

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

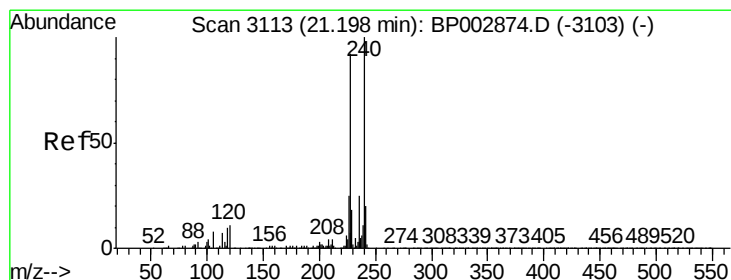
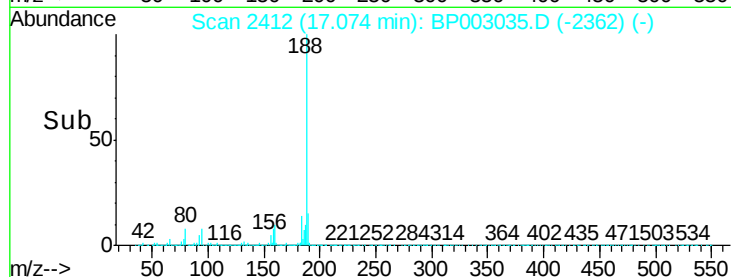
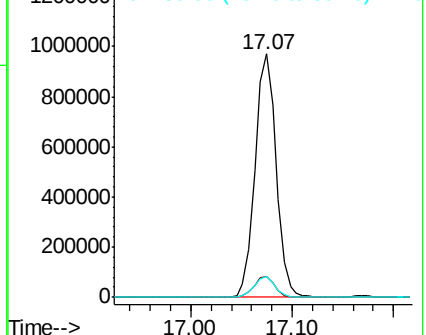
80 8.4 6.7 10.1



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: BP003035.D

Acq: 19 Aug 2020 13:10

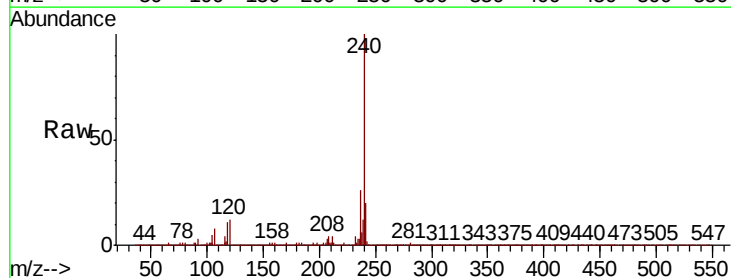
Tgt Ion:240 Resp: 1540112

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

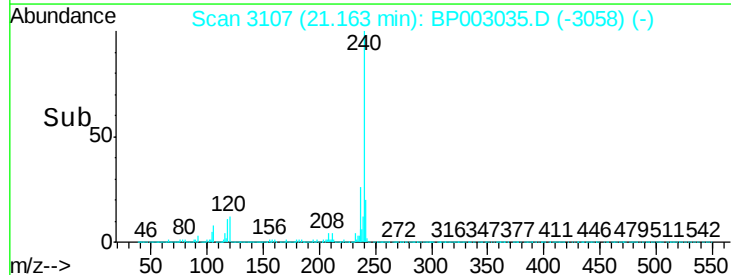
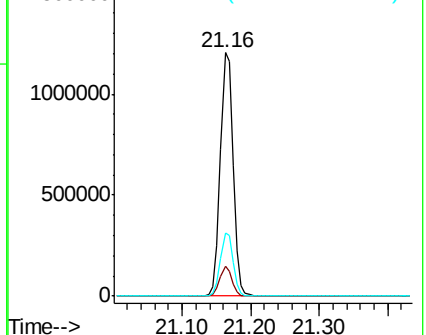
236 25.8 20.8 31.2

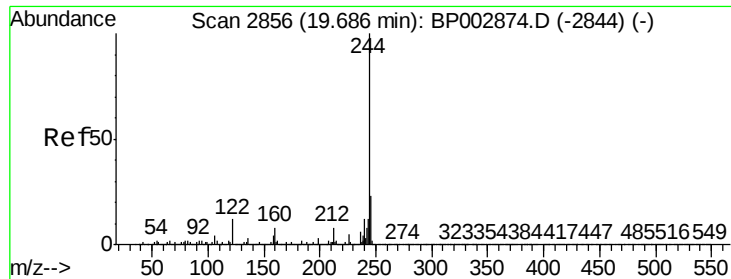


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

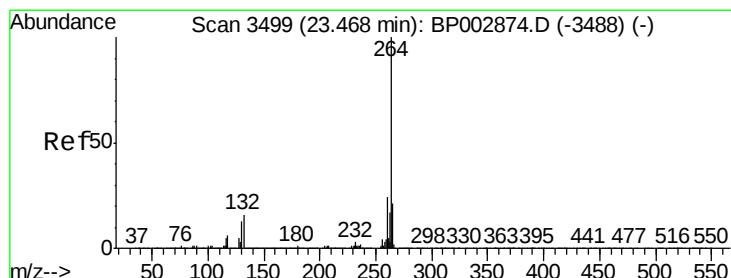
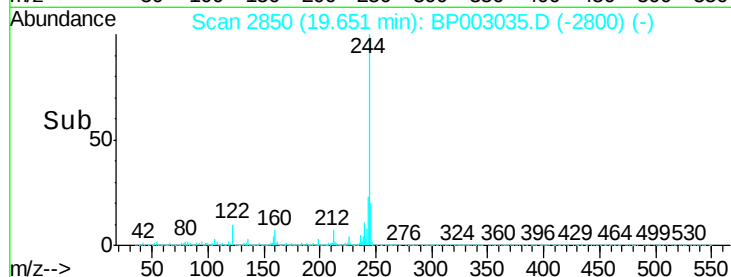
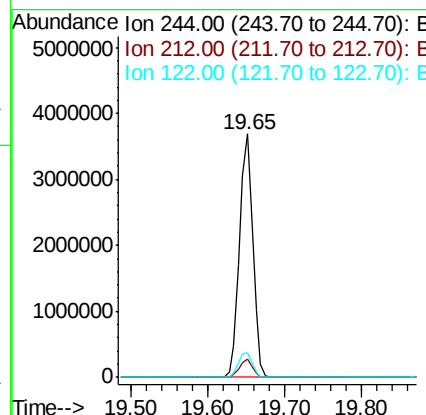
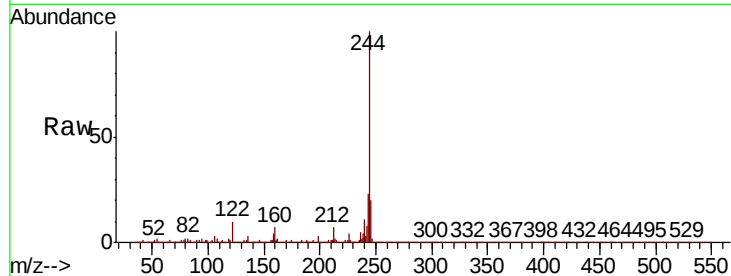




#79
 Terphenyl-d14
 Concen: 59.074 ng
 RT: 19.65 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BP003035.D
 Acq: 19 Aug 2020 13:10

Instrument :
 BNA_P
 ClientSampleId :
 PB131036BL

Tot Ion:244 Resp: 4544550
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 10.0 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.41 min Scan# 3489
 Delta R.T. -0.01 min
 Lab File: BP003035.D
 Acq: 19 Aug 2020 13:10

Tgt Ion:264 Resp: 1666830
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.3 25.9

