

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003081.D
 Acq On : 21 Aug 2020 17:58
 Operator : CG/JU
 Sample : PB131143TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131143TB

Quant Time: Aug 21 19:29:22 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	7.68	152	184266	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	754453	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	475486	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1127855	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1352590	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1657343	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1293904	107.47	ng	0.00
7) Phenol-d6	6.86	99	1532182	91.66	ng	-0.01
23) Nitrobenzene-d5	8.82	82	877896	63.02	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	777160	131.50	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	2626139	75.46	ng	-0.02
79) Terphenyl-d14	19.65	244	4365737	64.62	ng	-0.01

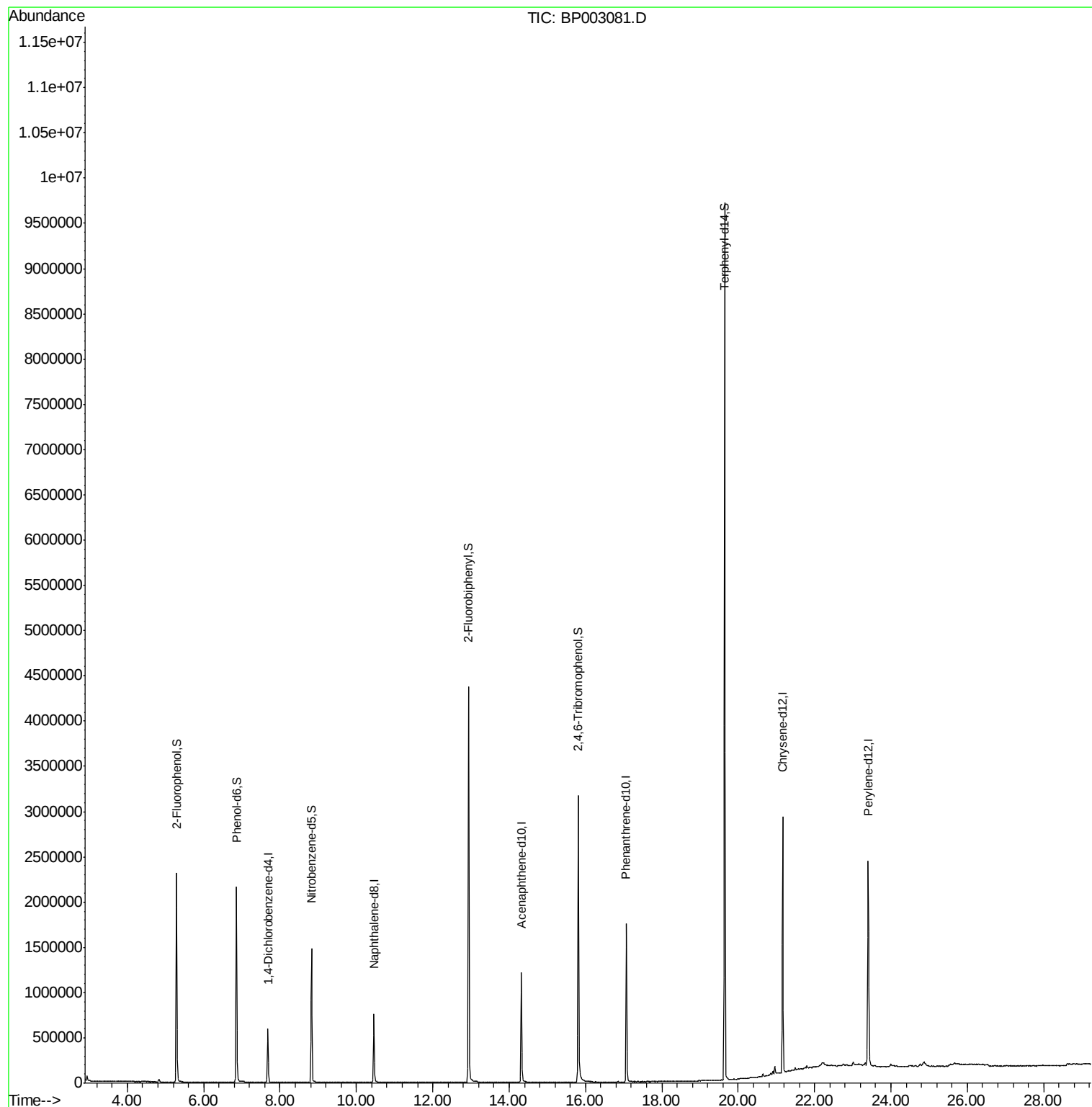
Target Compounds Qvalue

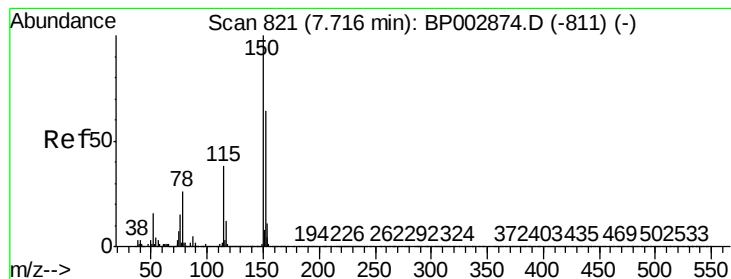
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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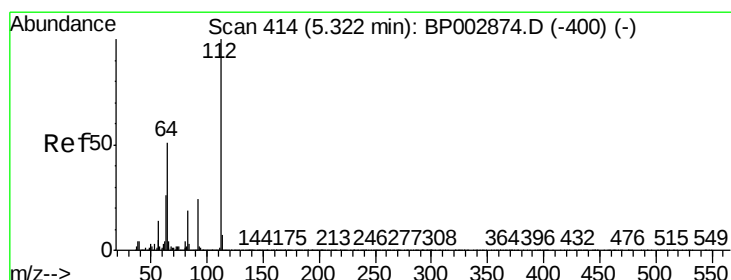
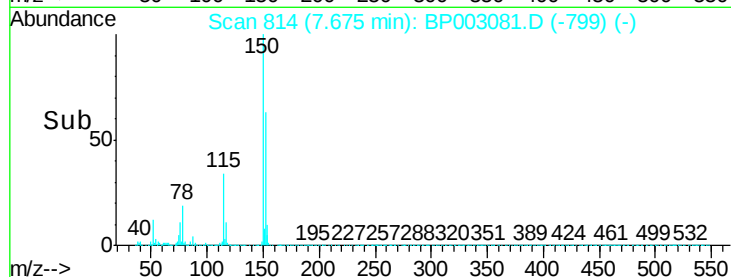
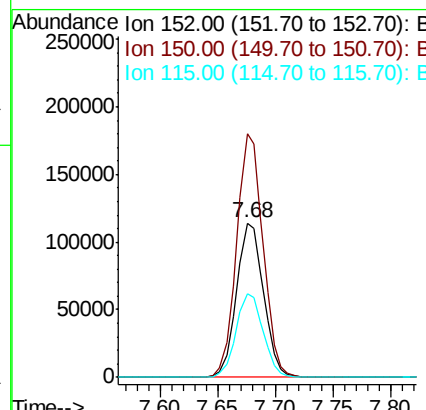
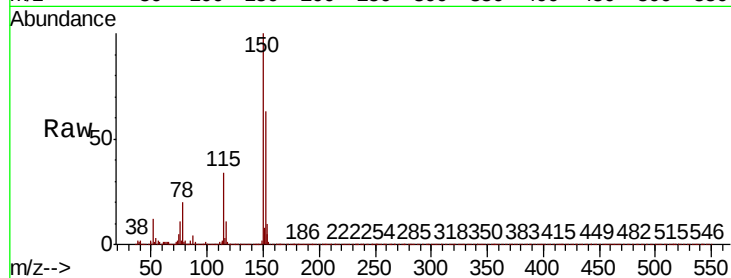


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 814
Delta R.T. -0.01 min
Lab File: BP003081.D
Acq: 21 Aug 2020 17:58

Instrument :
BNA_P
ClientSampleId :
PB131143TB

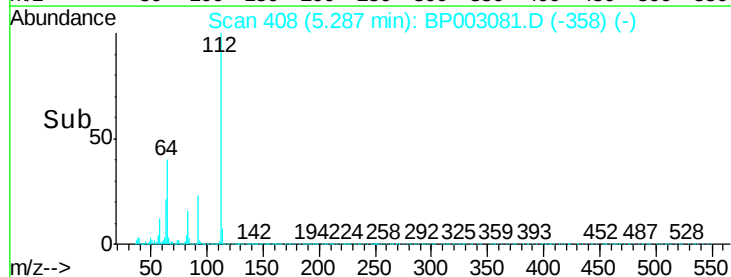
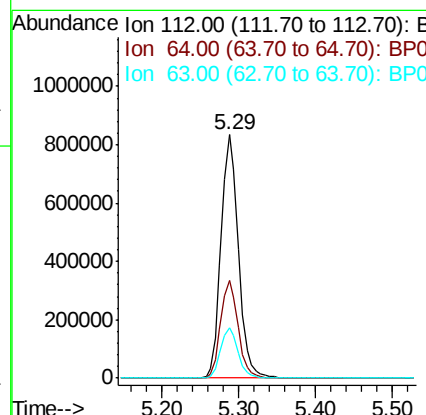
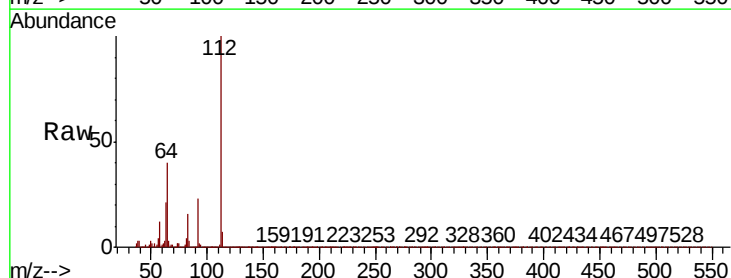
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.1	189.1
115	54.4	43.4	65.2

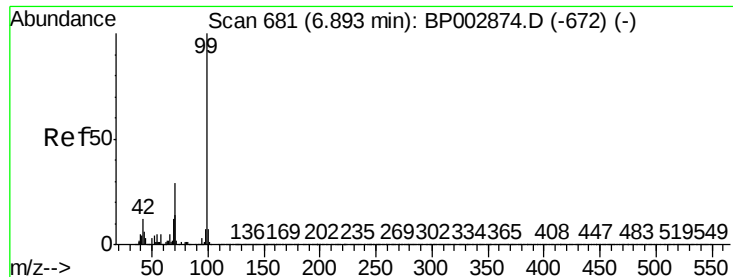


#5

2-Fluorophenol
Concen: 107.471 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003081.D
Acq: 21 Aug 2020 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.9	33.4	50.2
63	20.9	17.4	26.0





#7

Phenol-d6

Concen: 91.663 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003081.D

Acq: 21 Aug 2020 17:58

Instrument :

BNA_P

ClientSampleId :

PB131143TB

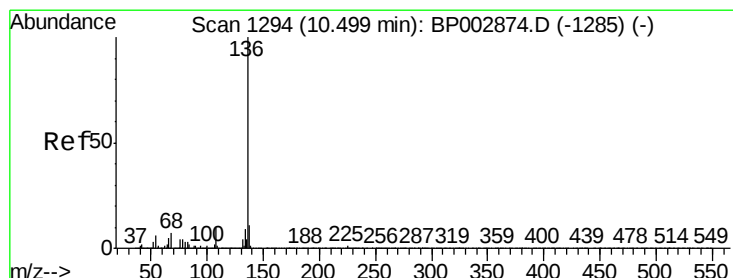
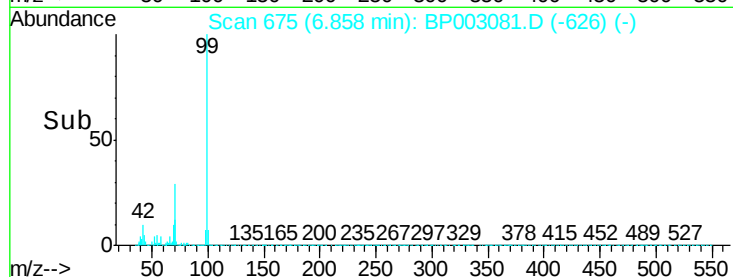
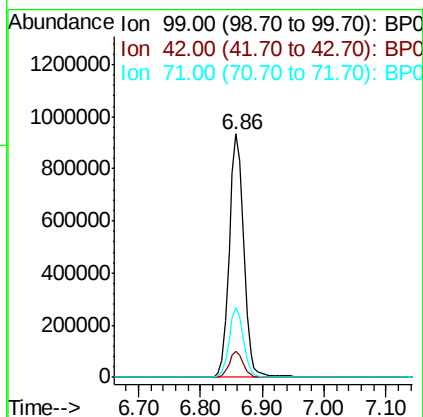
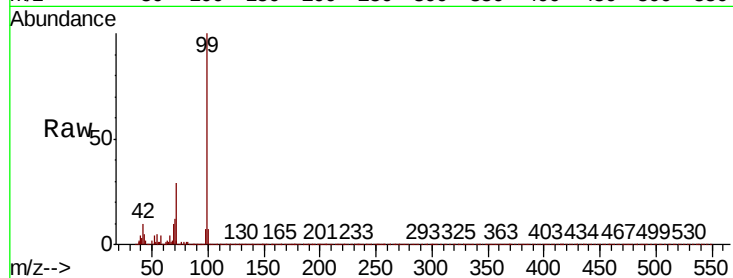
Tot Ion: 99 Resp: 1532182

Ion Ratio Lower Upper

99 100

42 10.4 8.0 12.0

71 28.8 21.3 31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BP003081.D

Acq: 21 Aug 2020 17:58

Tgt Ion: 136 Resp: 754453

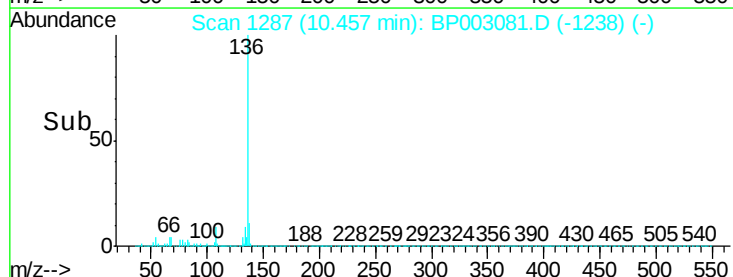
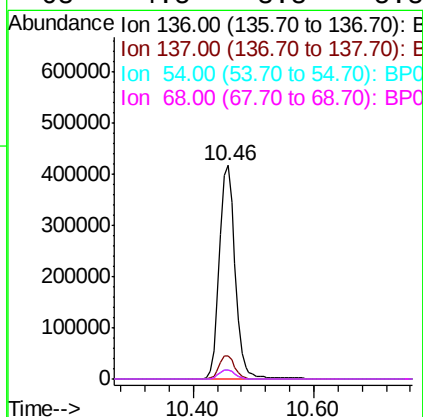
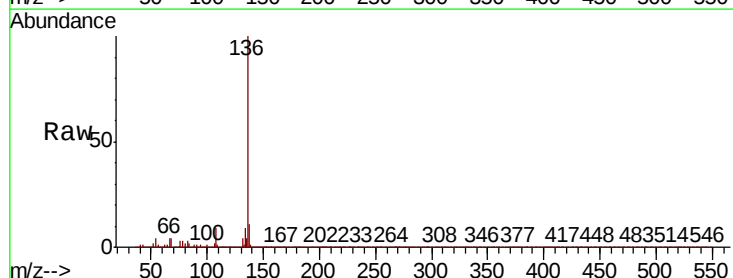
Ion Ratio Lower Upper

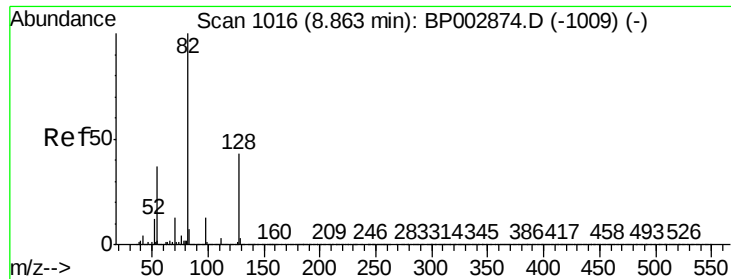
136 100

137 10.9 8.8 13.2

54 4.4 3.8 5.8

68 4.5 3.8 5.8

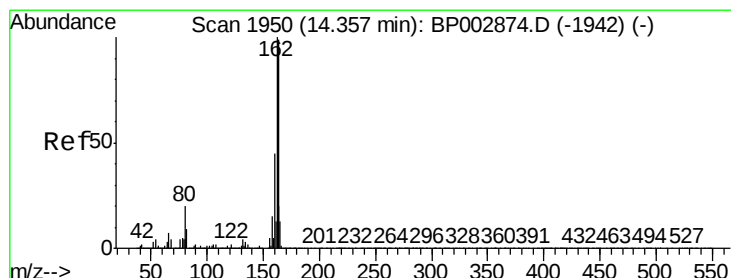
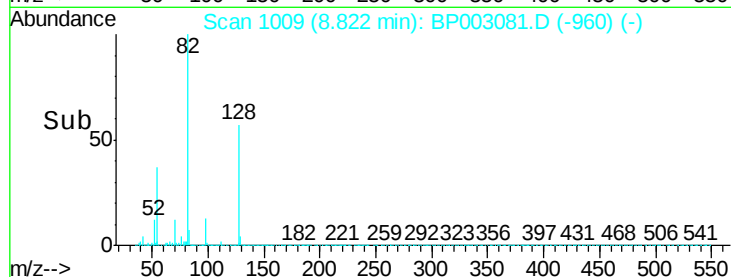
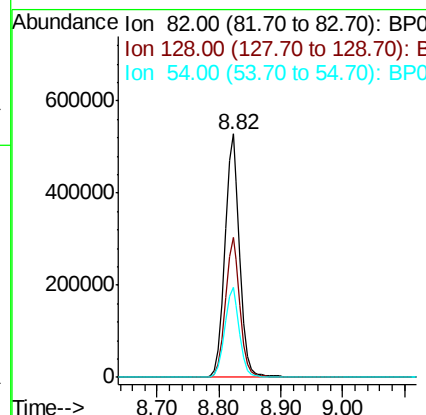
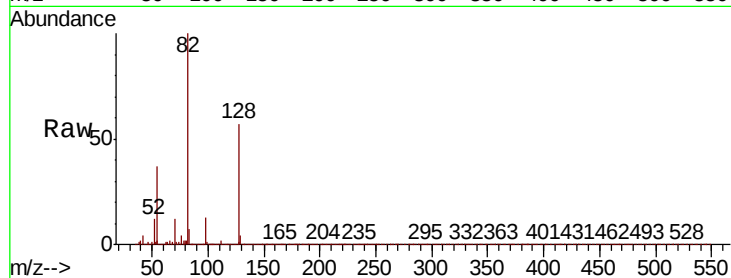




#23
 Nitrobenzene-d5
 Concen: 63.024 ng
 RT: 8.82 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BP003081.D
 Acq: 21 Aug 2020 17:58

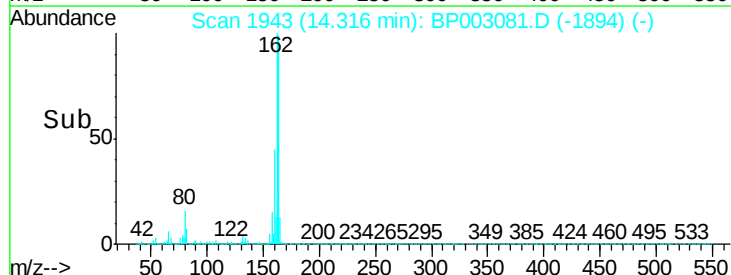
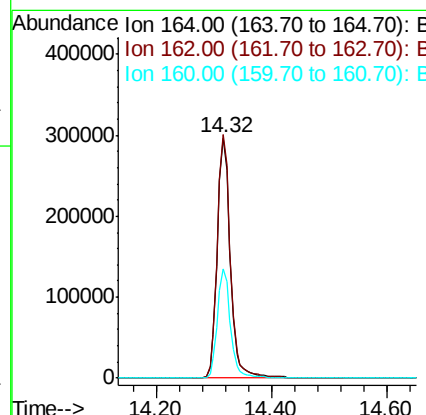
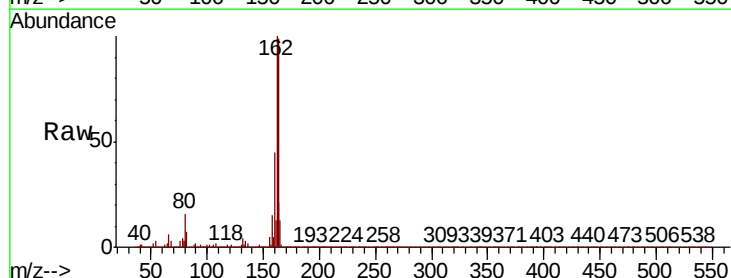
Instrument :
 BNA_P
 ClientSampleId :
 PB131143TB

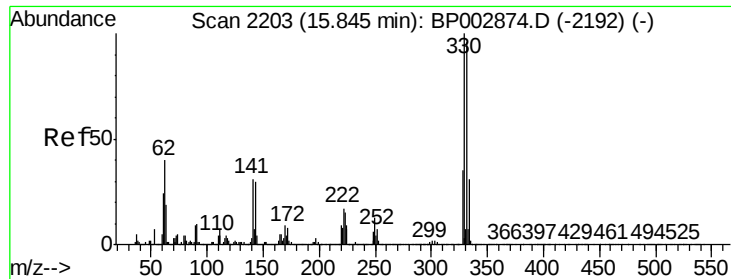
Tot Ion	Ratio	Lower	Upper
82	100		
128	57.3	45.1	67.7
54	36.7	28.8	43.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BP003081.D
 Acq: 21 Aug 2020 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	45.3	35.5	53.3

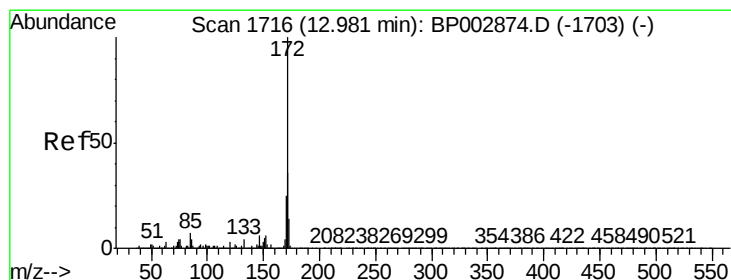
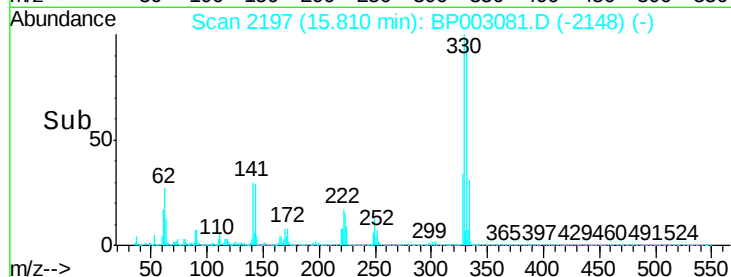
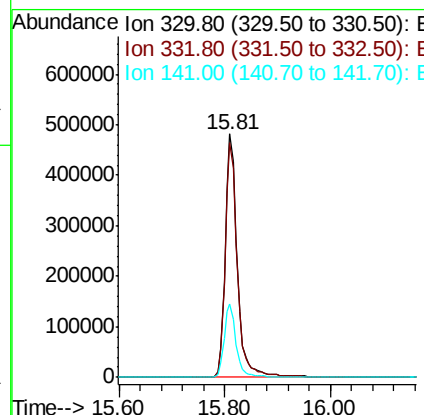
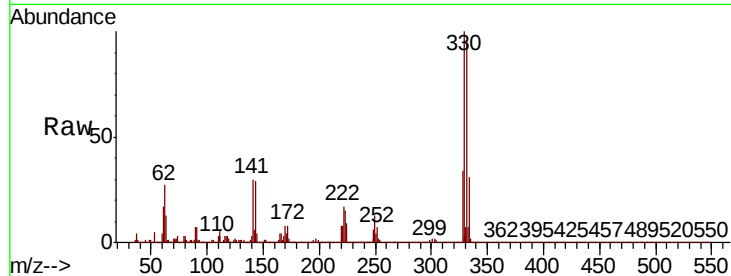




#42
 2,4,6-Tribromophenol
 Concen: 131.505 ng
 RT: 15.81 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BP003081.D
 Acq: 21 Aug 2020 17:58

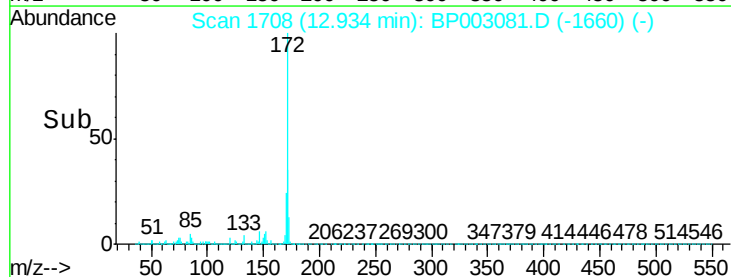
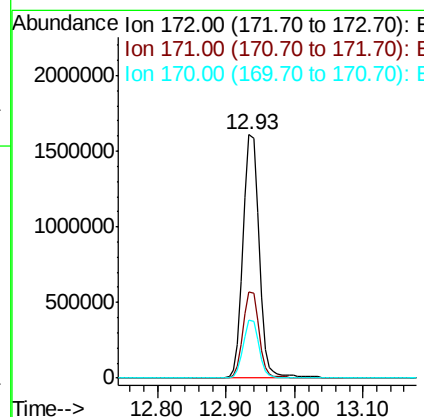
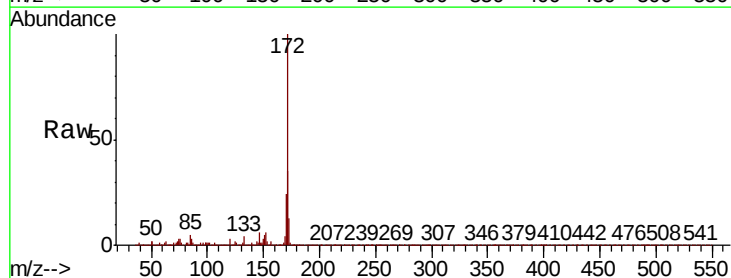
Instrument :
 BNA_P
 ClientSampleId :
 PB131143TB

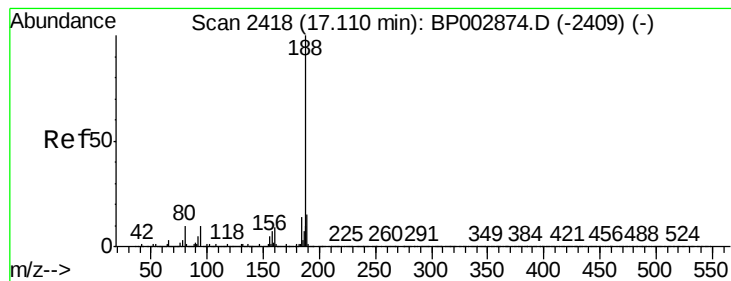
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	30.4	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 75.461 ng
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BP003081.D
 Acq: 21 Aug 2020 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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: BP003081.D

Acq: 21 Aug 2020 17:58

Instrument :

BNA_P

ClientSampleId :

PB131143TB

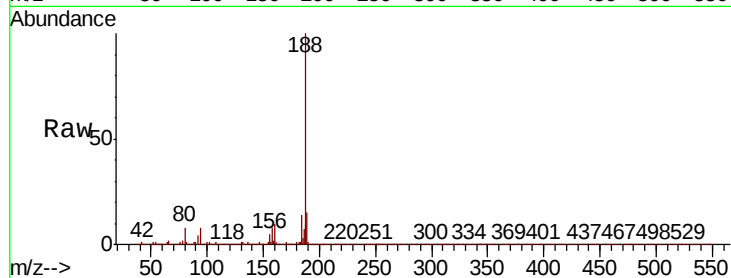
Tot Ion:188 Resp: 1127855

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

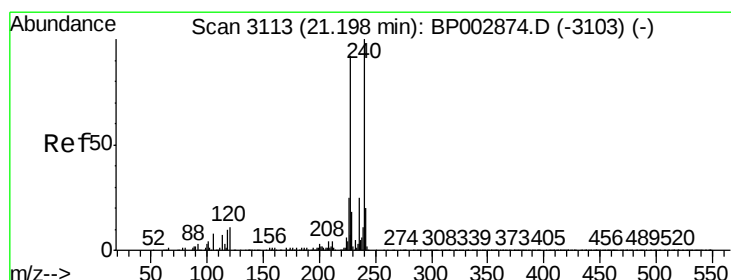
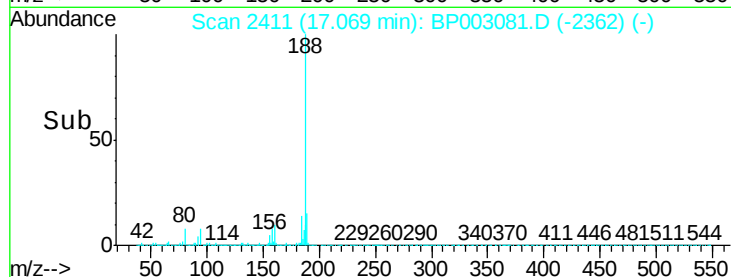
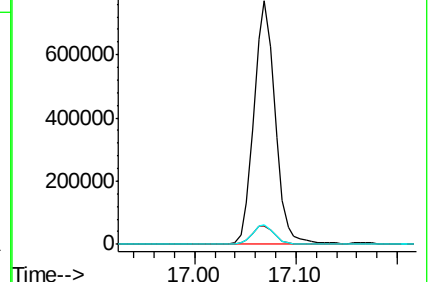
80 7.9 6.7 10.1



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: BP003081.D

Acq: 21 Aug 2020 17:58

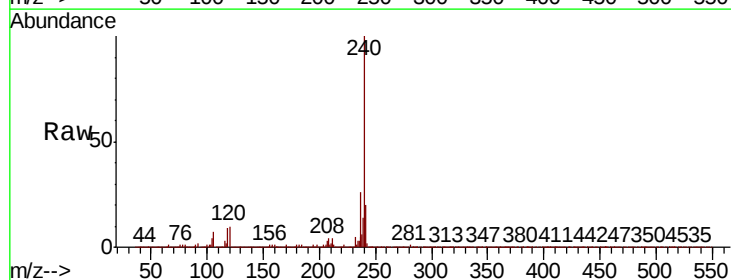
Tgt Ion:240 Resp: 1352590

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

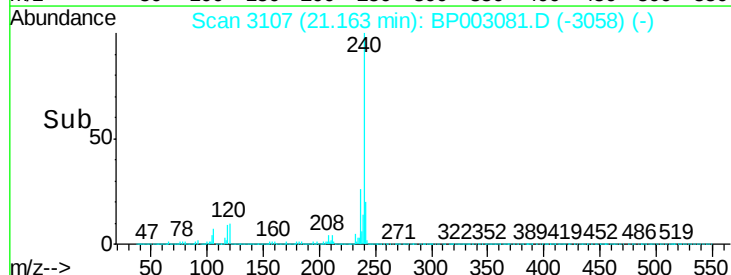
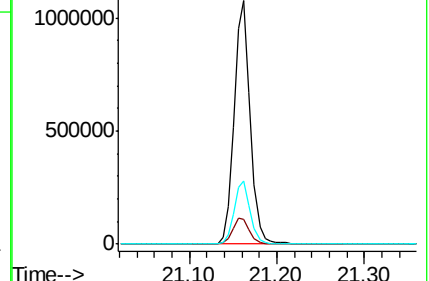
236 25.8 20.8 31.2

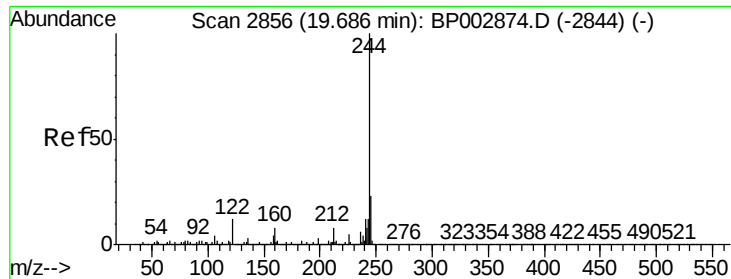


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.617 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003081.D

Acq: 21 Aug 2020 17:58

Instrument :

BNA_P

ClientSampleId :

PB131143TB

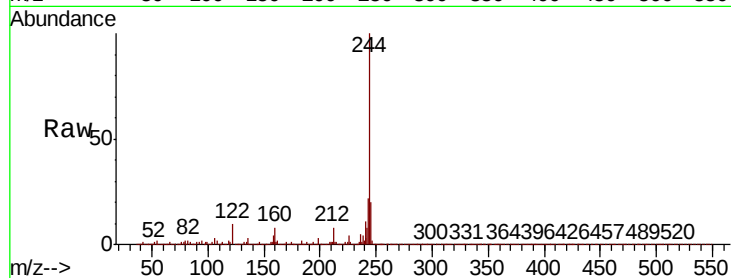
Tot Ion:244 Resp: 4365737

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

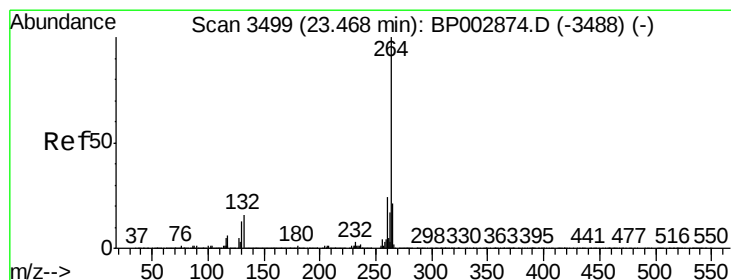
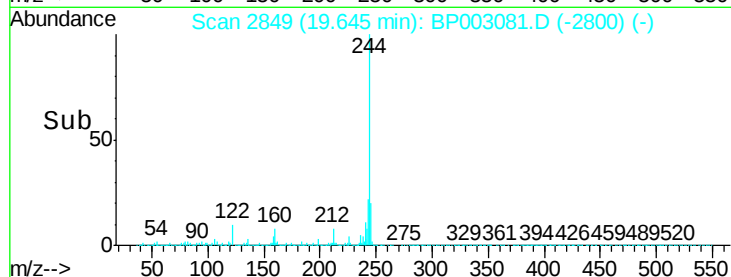
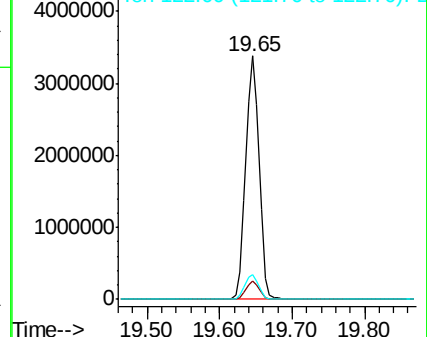
122 10.0 8.7 13.1



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: 23.40 min Scan# 3488

Delta R.T. -0.02 min

Lab File: BP003081.D

Acq: 21 Aug 2020 17:58

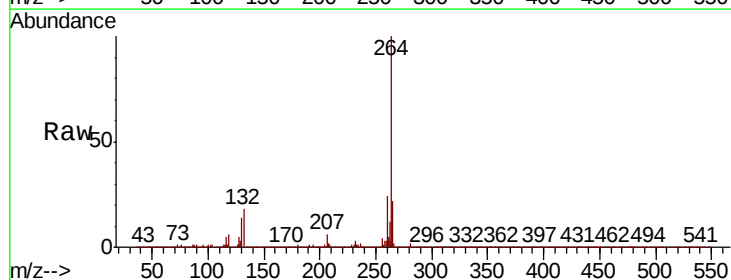
Tgt Ion:264 Resp: 1657343

Ion Ratio Lower Upper

264 100

260 23.9 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

