

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003032.D
 Acq On : 19 Aug 2020 11:27
 Operator : CG/JU
 Sample : PB131046BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131046BL

Quant Time: Aug 19 12:40:34 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	342440	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1354910	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	682239	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1567408	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1431240	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1514368	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2227115	99.54	ng	0.00
7) Phenol-d6	6.86	99	2566493	82.62	ng	0.00
23) Nitrobenzene-d5	8.83	82	1503523	60.10	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1007090	118.77	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3578175	71.66	ng	0.00
79) Terphenyl-d14	19.65	244	4649264	65.03	ng	0.00

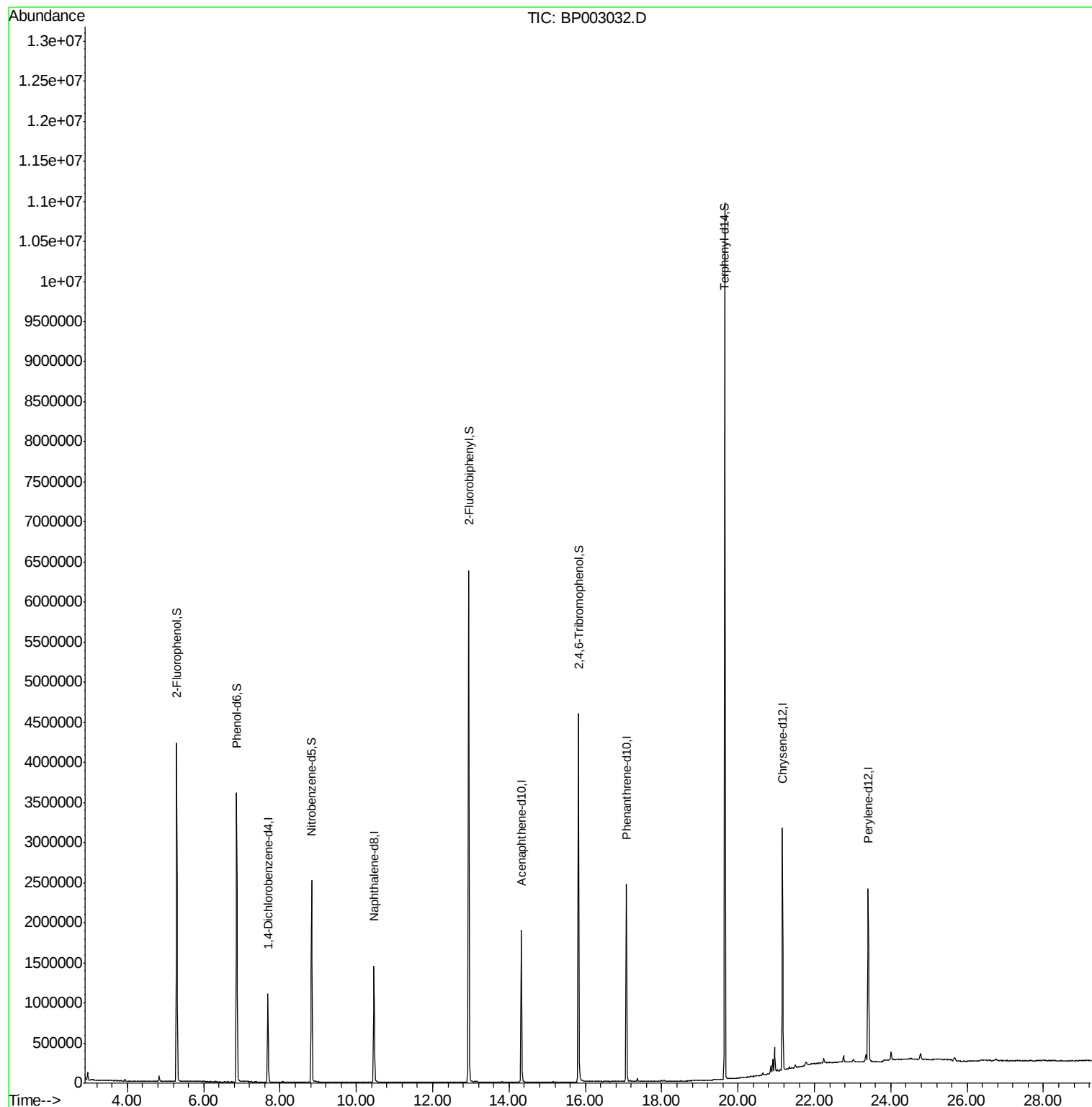
Target Compounds Qvalue

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

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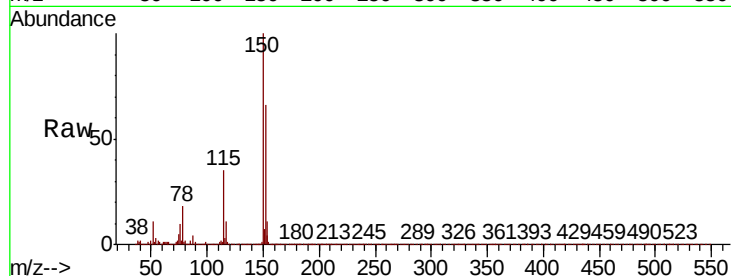


#1

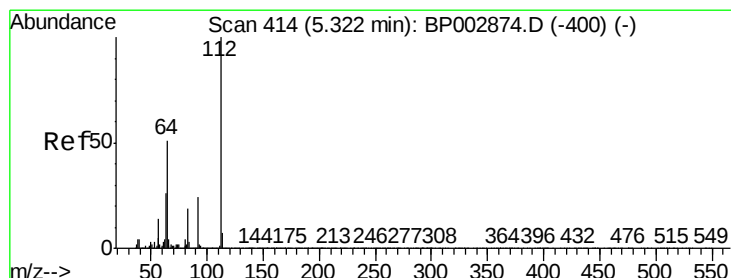
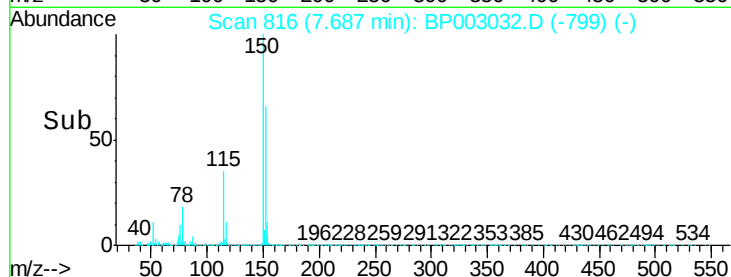
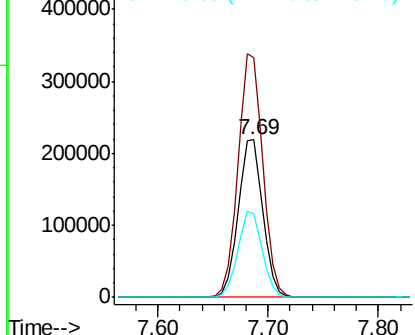
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003032.D
Acq: 19 Aug 2020 11:27

Instrument :
BNA_P
ClientSampleId :
PB131046BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.1	189.1
115	53.2	43.4	65.2



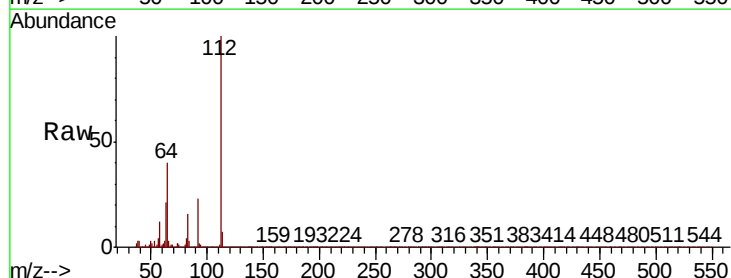
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



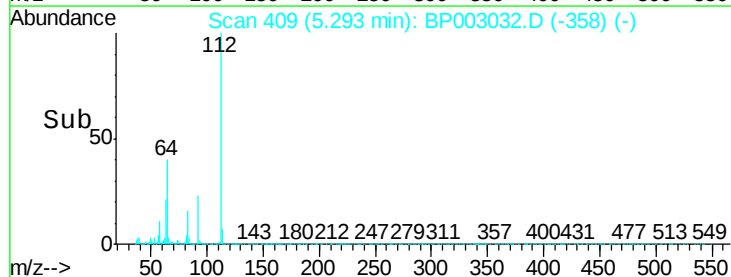
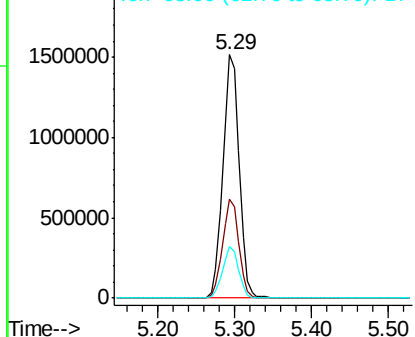
#5

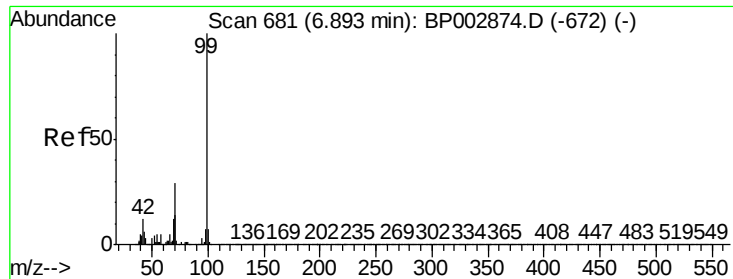
2-Fluorophenol
Concen: 99.538 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003032.D
Acq: 19 Aug 2020 11:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.4	33.4	50.2
63	21.1	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: 82.619 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003032.D

Acq: 19 Aug 2020 11:27

Instrument :

BNA_P

ClientSampleId :

PB131046BL

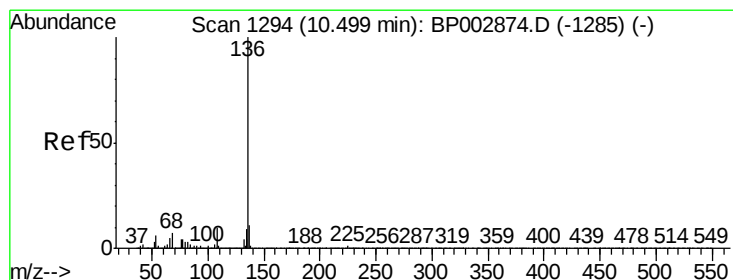
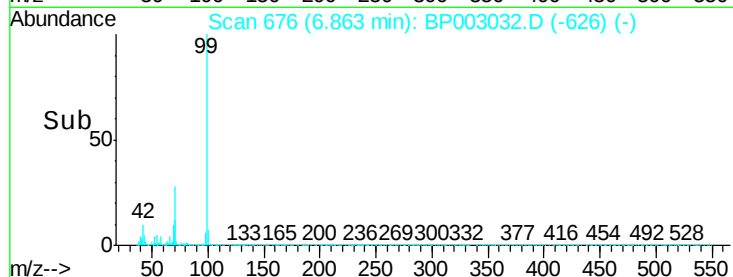
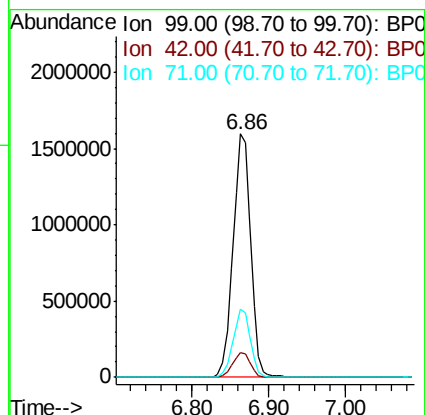
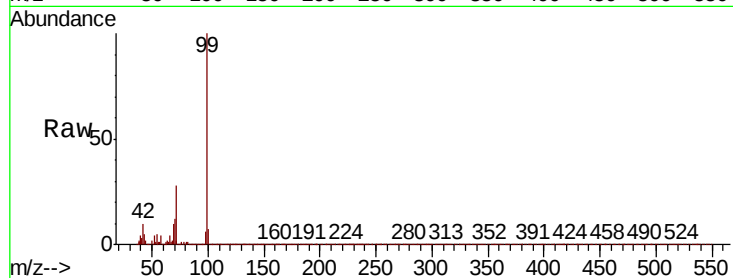
Tot Ion: 99 Resp: 2566493

Ion Ratio Lower Upper

99 100

42 10.0 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: BP003032.D

Acq: 19 Aug 2020 11:27

Tgt Ion: 136 Resp: 1354910

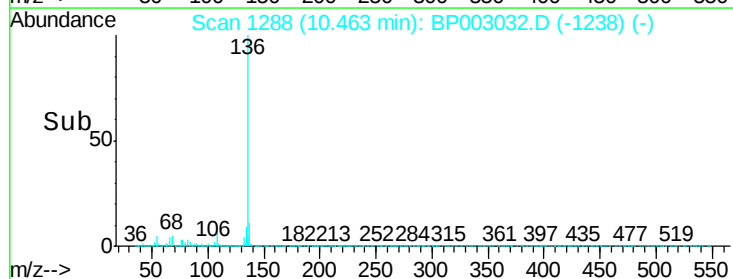
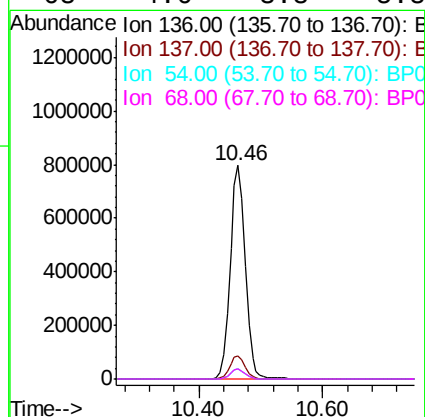
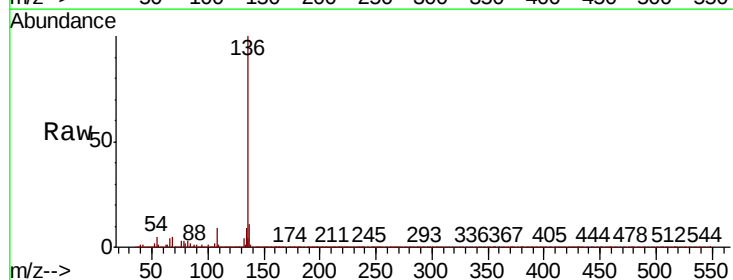
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.6 3.8 5.8

68 4.6 3.8 5.8

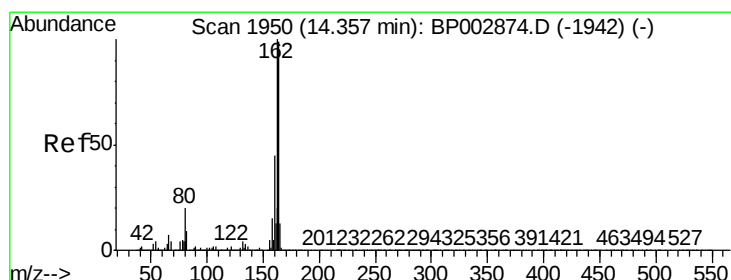
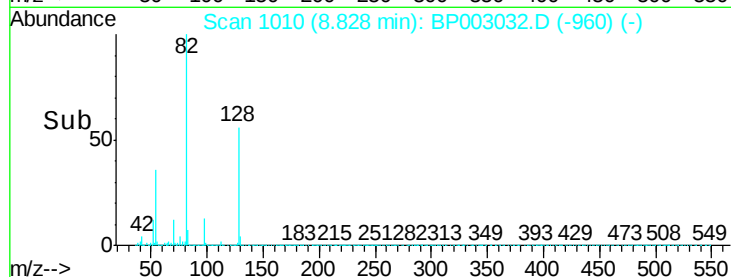
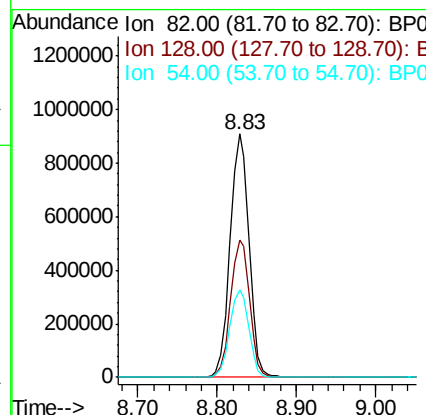
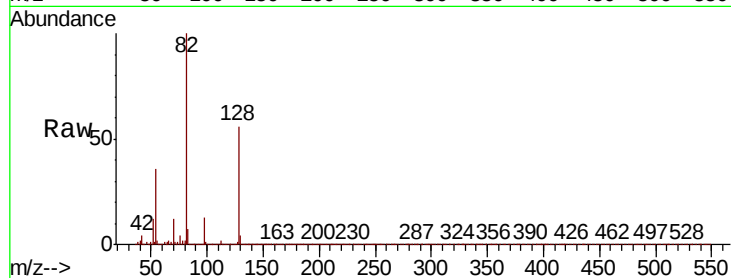




#23
Nitrobenzene-d5
Concen: 60.103 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003032.D
Acq: 19 Aug 2020 11:27

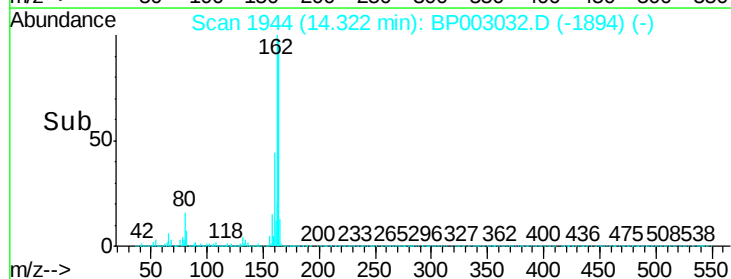
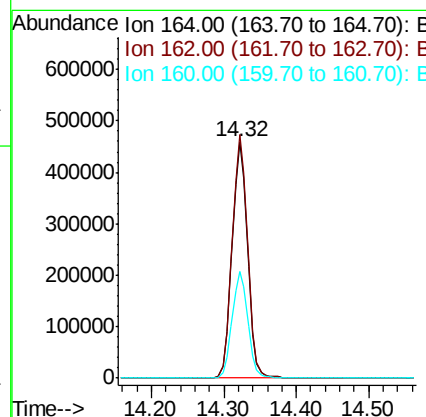
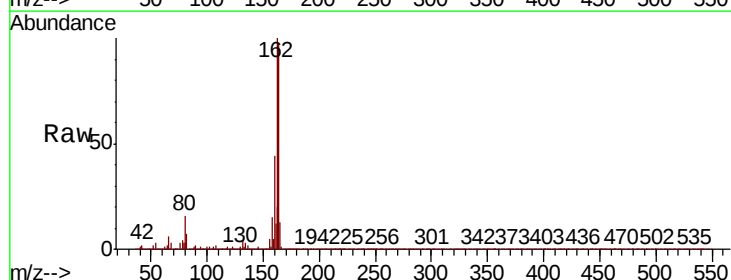
Instrument :
BNA_P
ClientSampleId :
PB131046BL

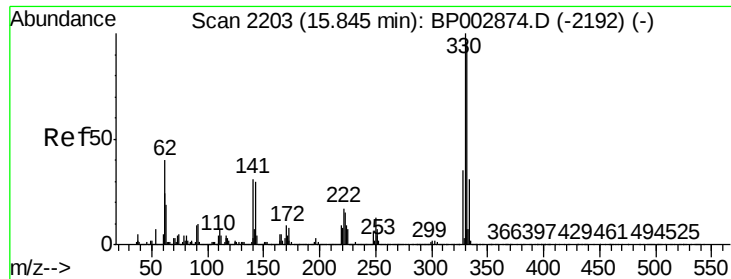
Tot Ion: 82 Resp: 1503523
Ion Ratio Lower Upper
82 100
128 56.3 45.1 67.7
54 36.1 28.8 43.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003032.D
Acq: 19 Aug 2020 11:27

Tgt Ion:164 Resp: 682239
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 45.1 35.5 53.3

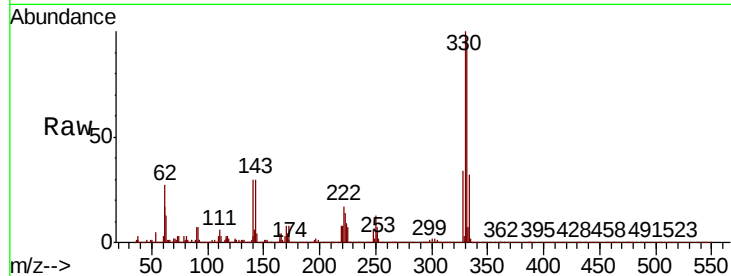




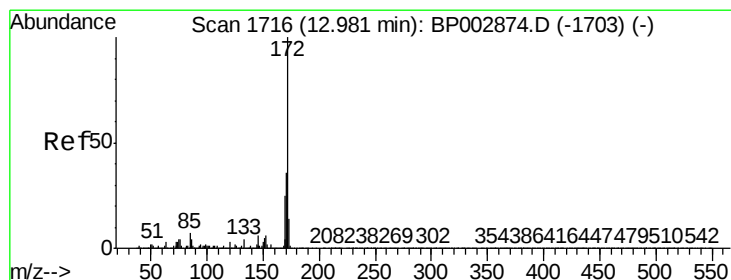
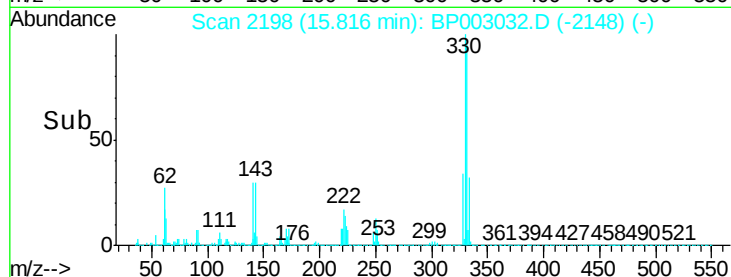
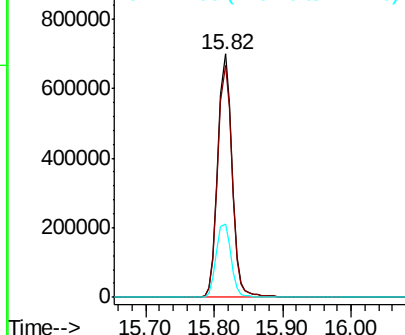
#42
2,4,6-Tribromophenol
Concen: 118.768 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003032.D
Acq: 19 Aug 2020 11:27

Instrument :
BNA_P
ClientSampleId :
PB131046BL

Tot Ion:330 Resp: 1007090
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.4 26.7 40.1

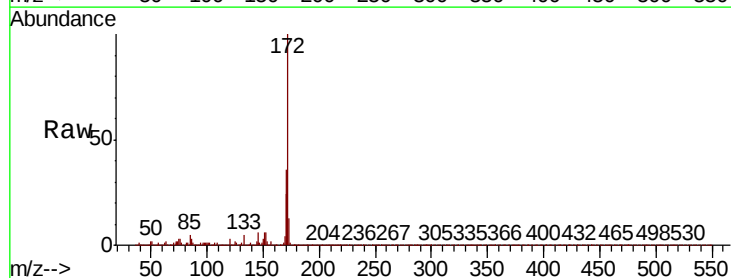


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

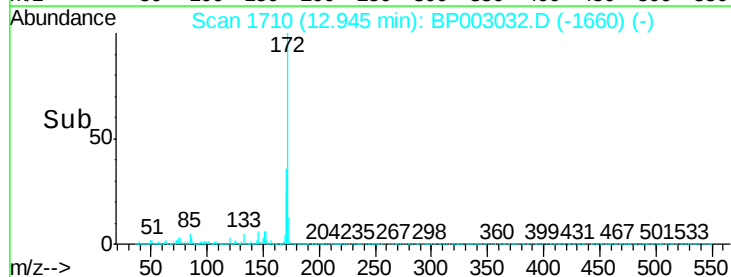
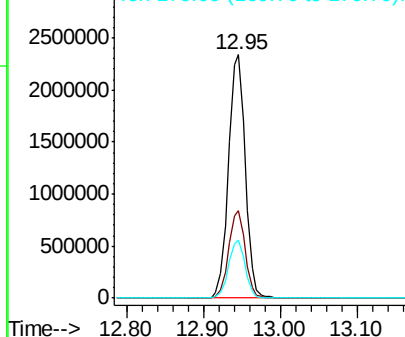


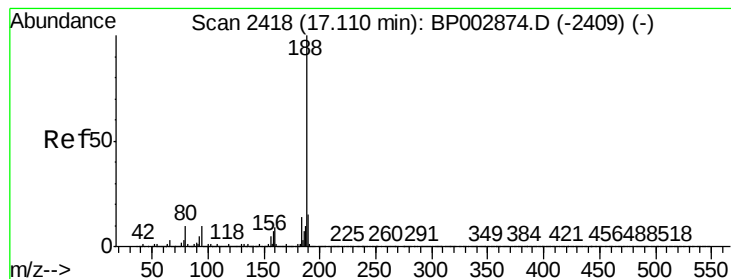
#45
2-Fluorobiphenyl
Concen: 71.659 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003032.D
Acq: 19 Aug 2020 11:27

Tgt Ion:172 Resp: 3578175
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.0 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: BP003032.D

Acq: 19 Aug 2020 11:27

Instrument :

BNA_P

ClientSampleId :

PB131046BL

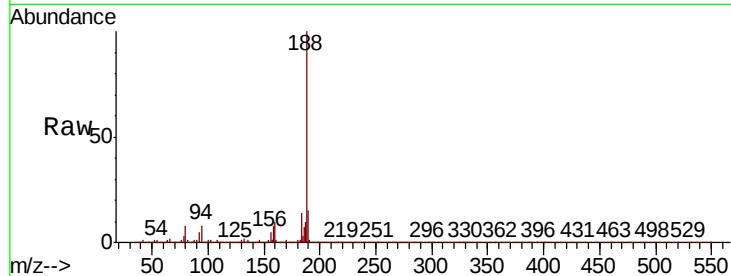
Tot Ion:188 Resp: 1567408

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.4	6.7	10.1

188 100

94 8.3 7.1 10.7

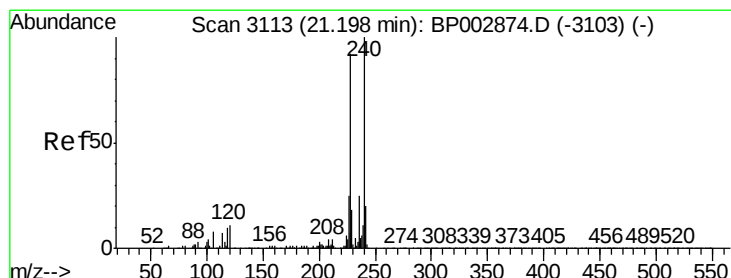
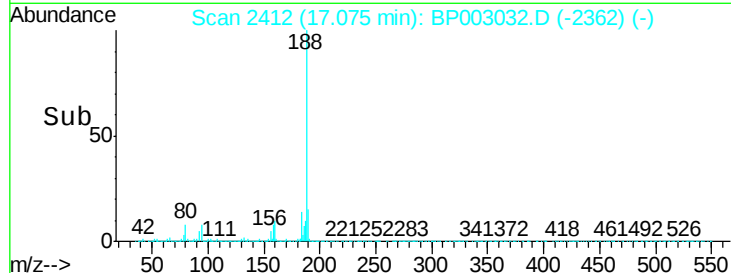
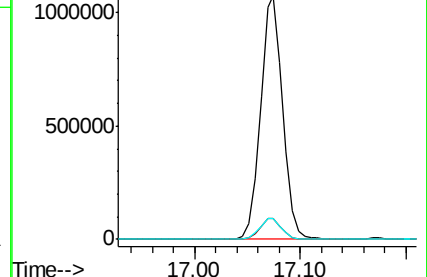
80 8.4 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003032.D

Acq: 19 Aug 2020 11:27

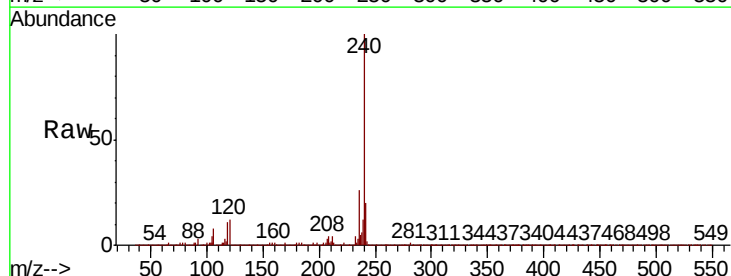
Tgt Ion:240 Resp: 1431240

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.0	20.8	31.2

240 100

120 11.9 9.5 14.3

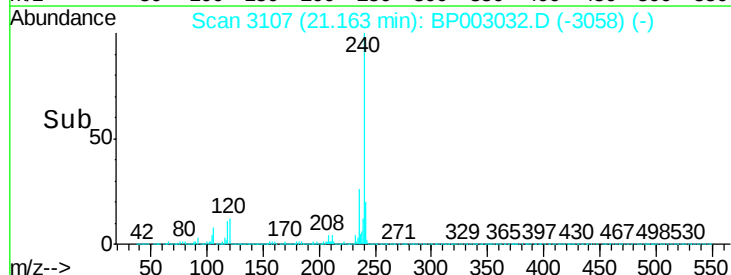
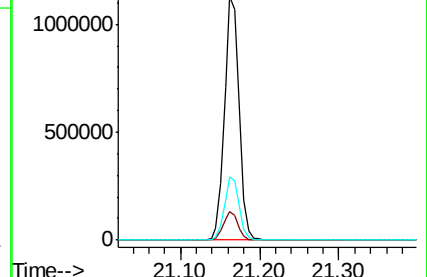
236 26.0 20.8 31.2

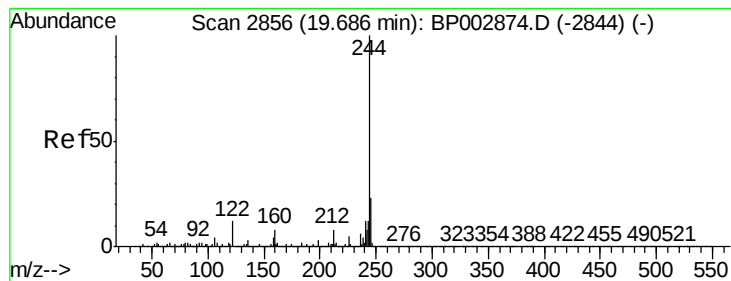


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.032 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003032.D

Acq: 19 Aug 2020 11:27

Instrument :

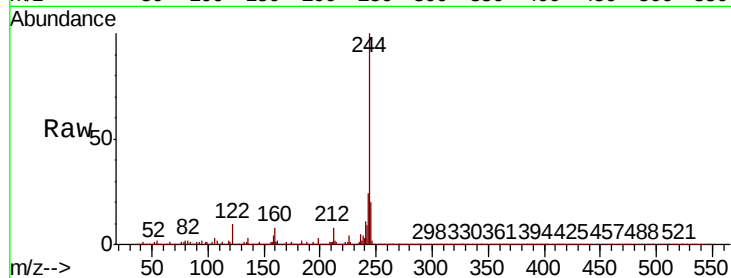
BNA_P

ClientSampleId :

PB131046BL

Tot Ion:244 Resp: 4649264

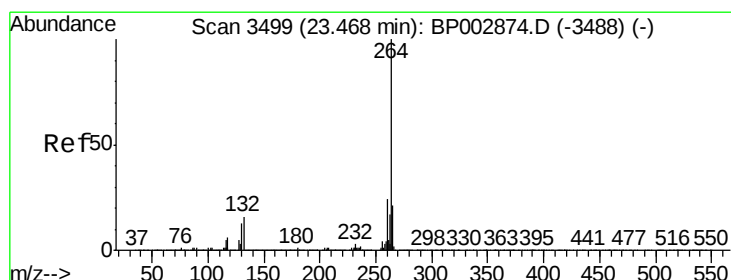
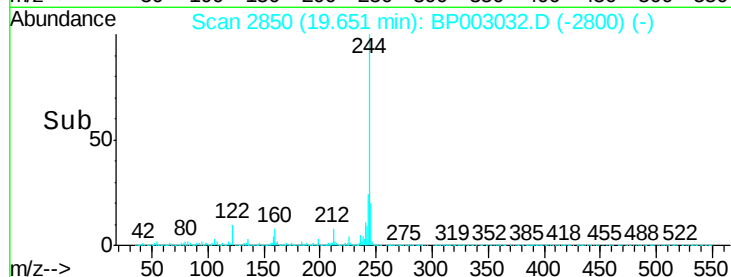
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	10.1	8.7	13.1



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

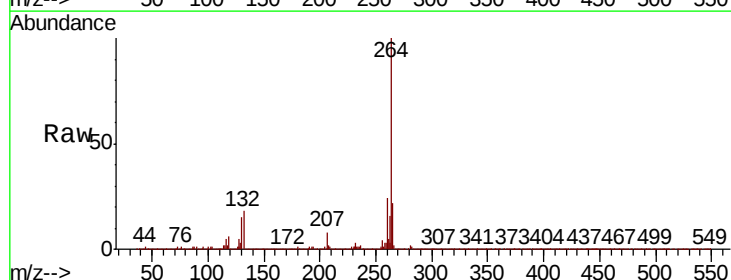
Delta R.T. -0.01 min

Lab File: BP003032.D

Acq: 19 Aug 2020 11:27

Tgt Ion:264 Resp: 1514368

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	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

