

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003078.D
 Acq On : 21 Aug 2020 13:14
 Operator : CG/JU
 Sample : L3507-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-081820

Quant Time: Aug 21 13:53:43 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

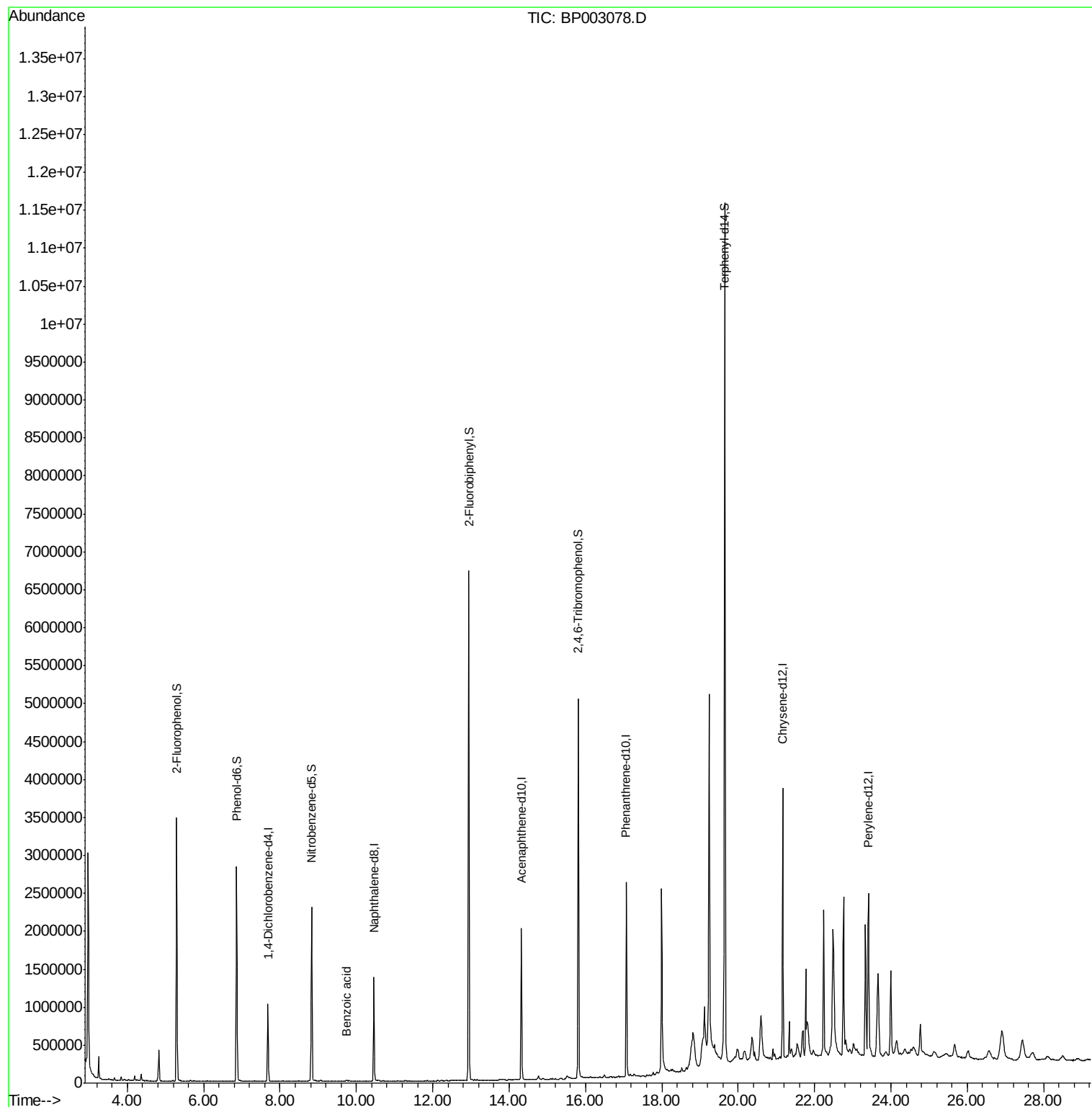
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	316491	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1235889	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	729343	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1592330	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1644185	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1567251	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1787884	86.46	ng	0.00
7) Phenol-d6	6.86	99	1948033	67.85	ng	0.00
23) Nitrobenzene-d5	8.82	82	1369499	60.02	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1162770	128.27	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3717764	69.65	ng	-0.01
79) Terphenyl-d14	19.65	244	5140636	62.59	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	9266	8.364	ng	Qvalue 95

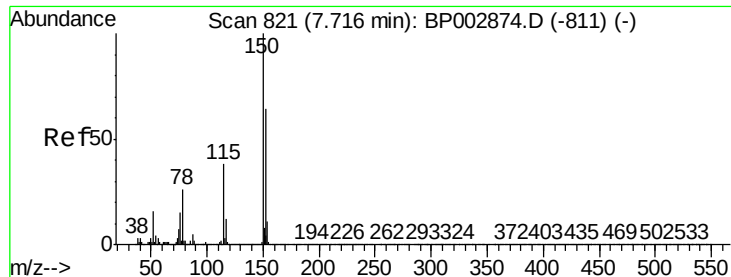
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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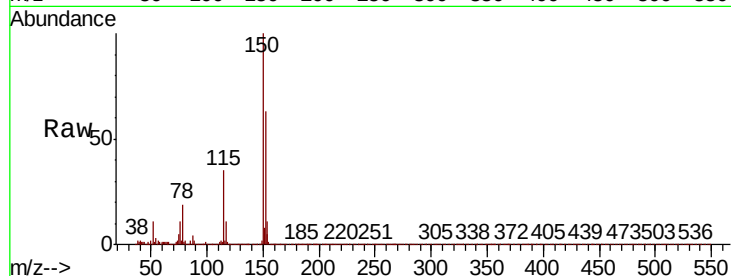


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003078.D
Acq: 21 Aug 2020 13:14

Instrument :
BNA_P
ClientSampleId :
SU-02-081820

Tot Ion	152	Resp	316491
Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.1	189.1
115	55.3	43.4	65.2

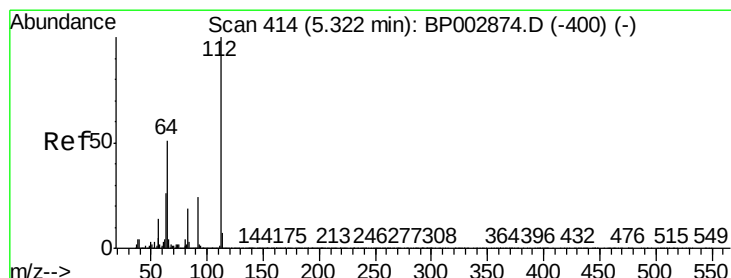
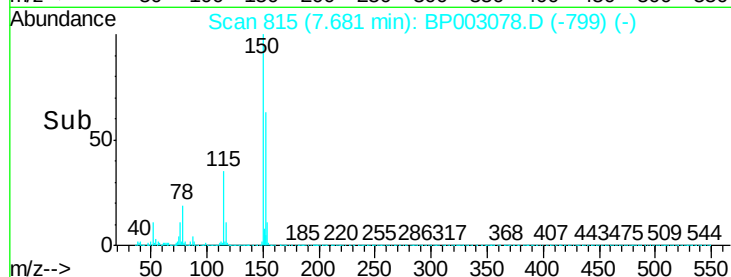
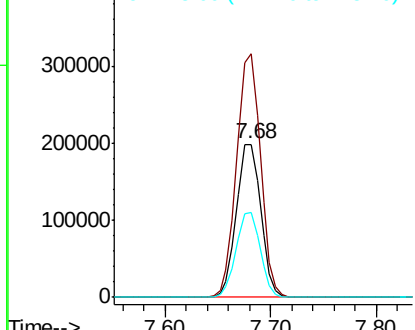


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

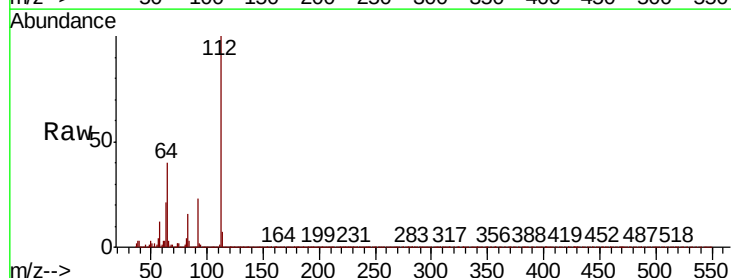
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.459 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003078.D
Acq: 21 Aug 2020 13:14

Tgt Ion	112	Resp	1787884
Ion	Ratio	Lower	Upper
112	100		
64	39.8	33.4	50.2
63	20.8	17.4	26.0

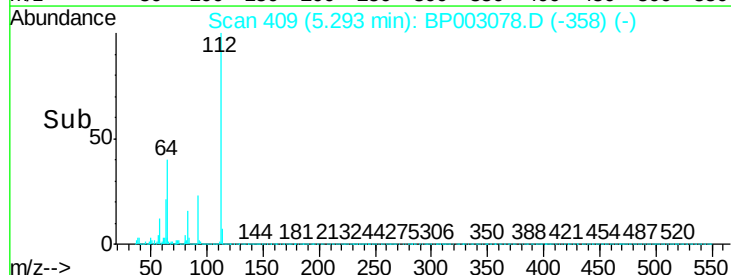
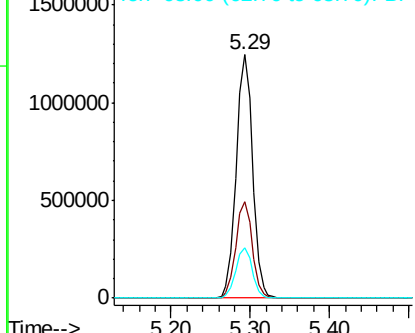


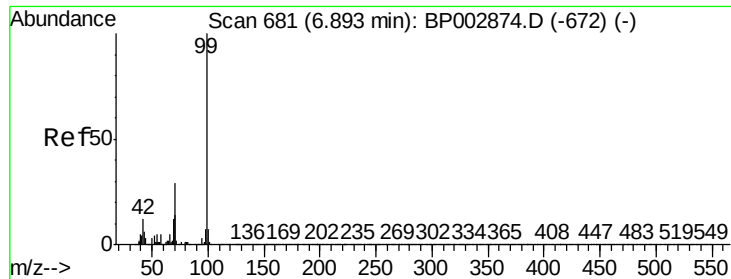
Abundance

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: 67.852 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003078.D

Acq: 21 Aug 2020 13:14

Instrument :

BNA_P

ClientSampleId :

SU-02-081820

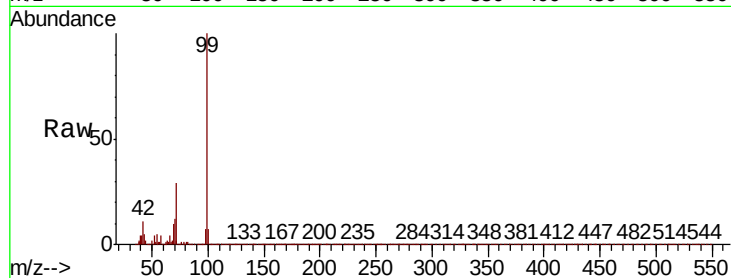
Tot Ion: 99 Resp: 1948033

Ion Ratio Lower Upper

99 100

42 10.8 8.0 12.0

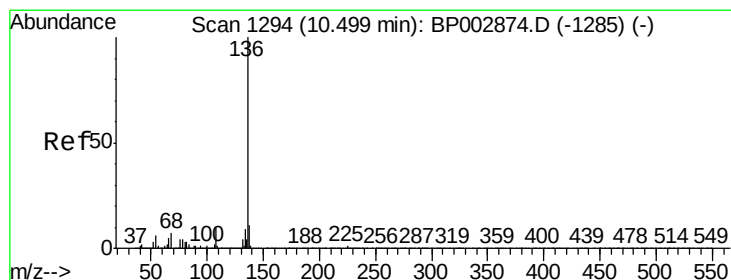
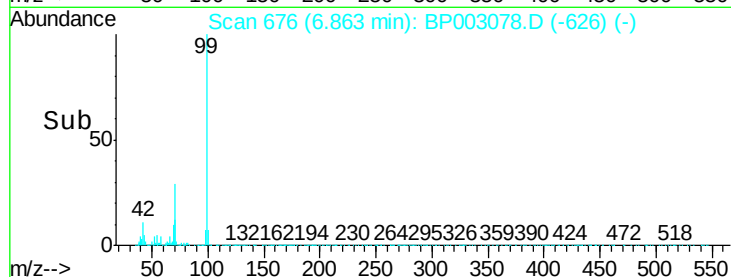
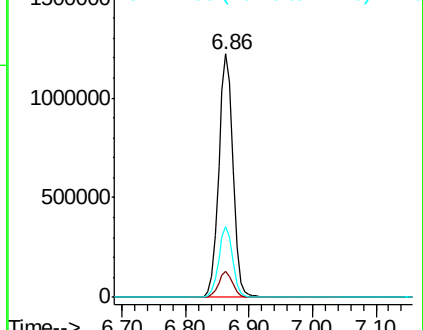
71 29.3 21.3 31.9



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# 1287

Delta R.T. -0.01 min

Lab File: BP003078.D

Acq: 21 Aug 2020 13:14

Tgt Ion:136 Resp: 1235889

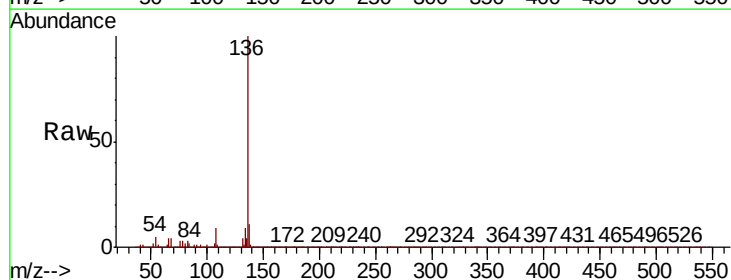
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.5 3.8 5.8

68 4.3 3.8 5.8

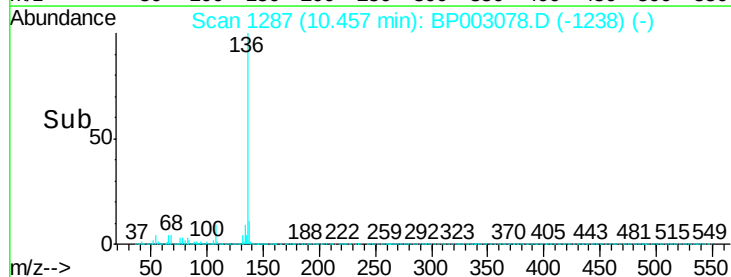
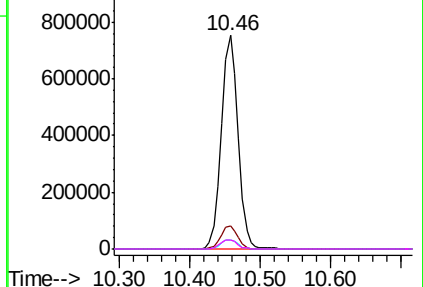


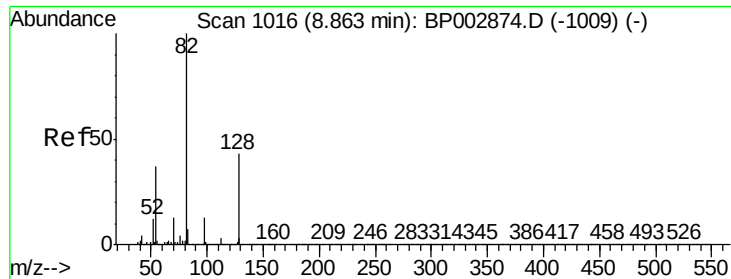
Abundance Ion 136.00 (135.70 to 136.70): E

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

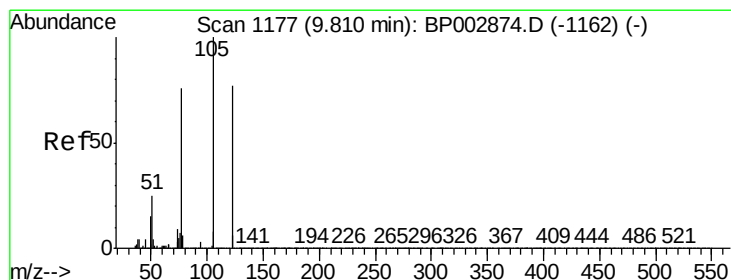
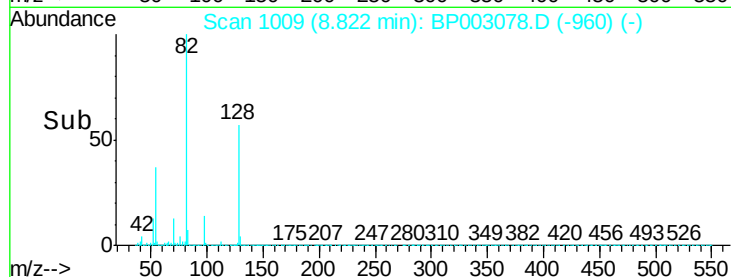
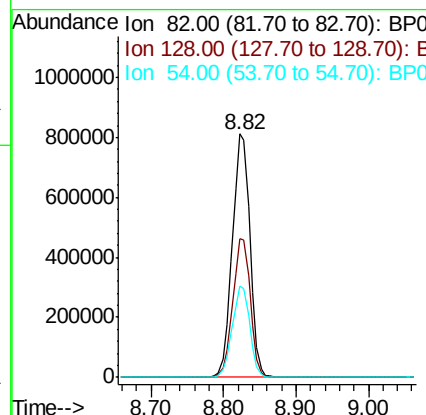
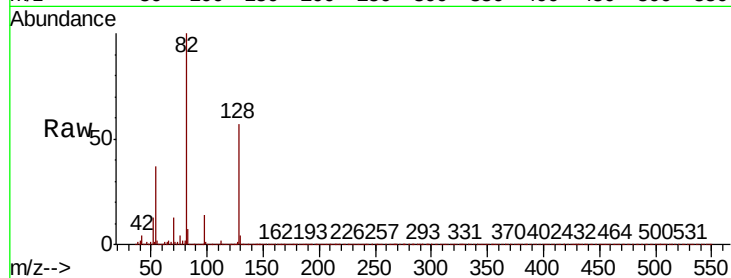




#23
Nitrobenzene-d5
Concen: 60.018 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003078.D
Acq: 21 Aug 2020 13:14

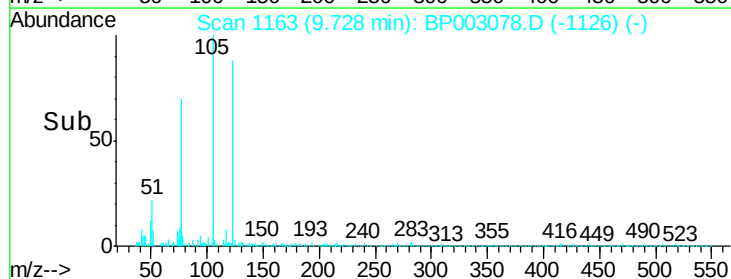
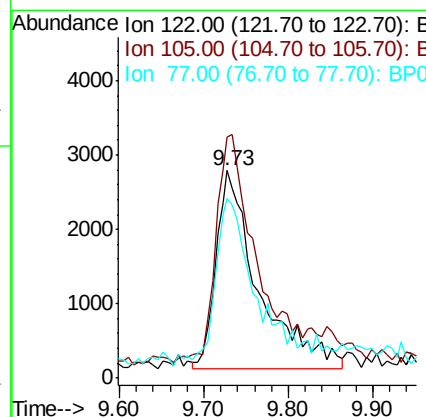
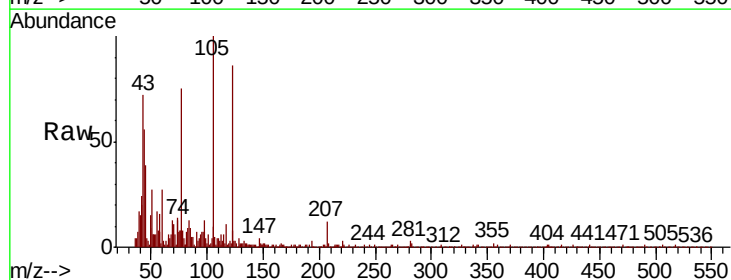
Instrument :
BNA_P
ClientSampleId :
SU-02-081820

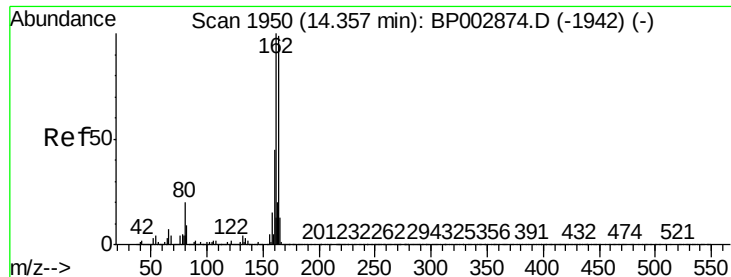
Tot Ion: 82 Resp: 1369499
Ion Ratio Lower Upper
82 100
128 57.0 45.1 67.7
54 37.3 28.8 43.2



#32
Benzoic acid
Concen: 8.364 ng
RT: 9.73 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BP003078.D
Acq: 21 Aug 2020 13:14

Tgt Ion:122 Resp: 9266
Ion Ratio Lower Upper
122 100
105 115.9 96.2 136.2
77 86.7 55.6 95.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003078.D

Acq: 21 Aug 2020 13:14

Instrument :

BNA_P

ClientSampleId :

SU-02-081820

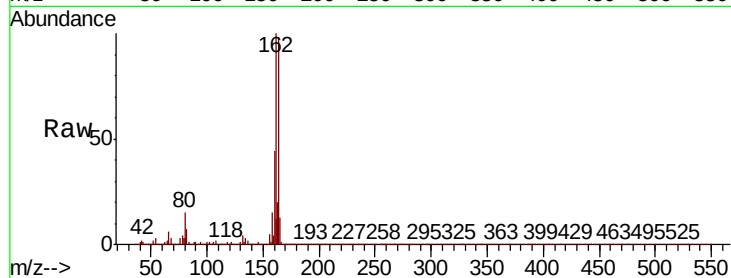
Tot Ion:164 Resp: 729343

Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.0

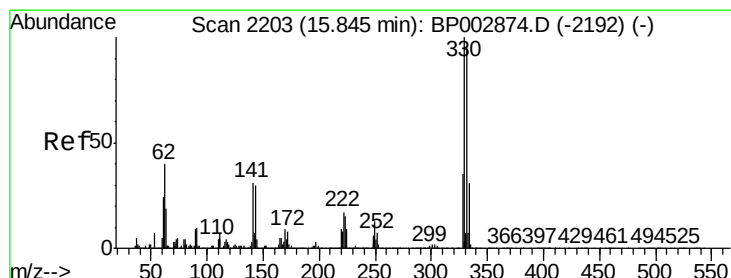
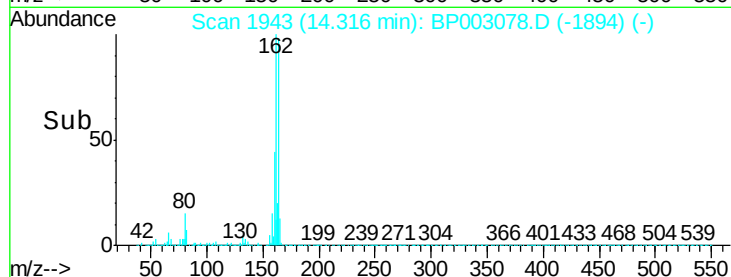
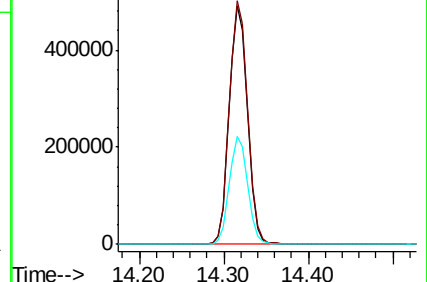
160 44.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 128.272 ng

RT: 15.81 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BP003078.D

Acq: 21 Aug 2020 13:14

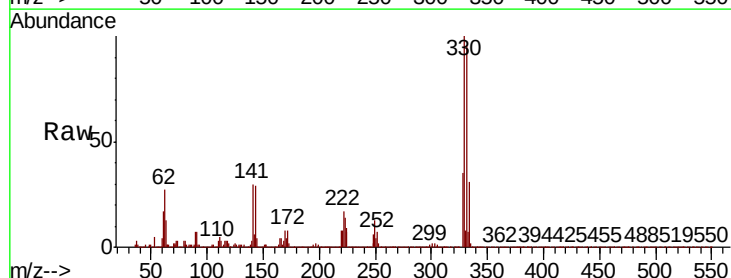
Tgt Ion:330 Resp: 1162770

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

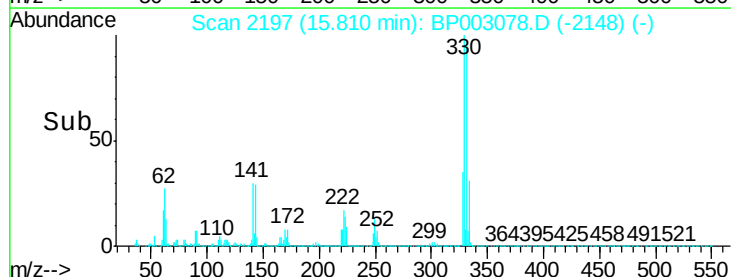
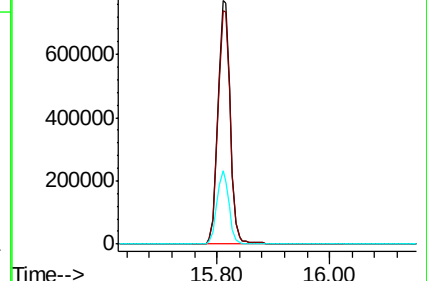
141 29.4 26.7 40.1

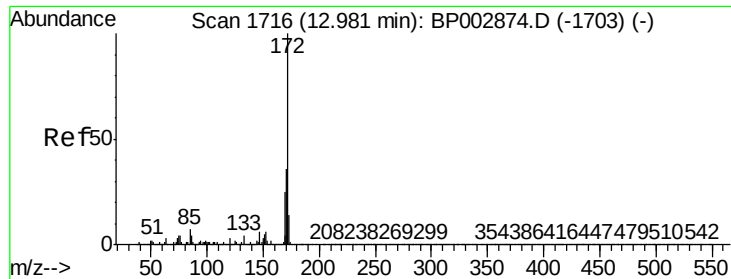


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

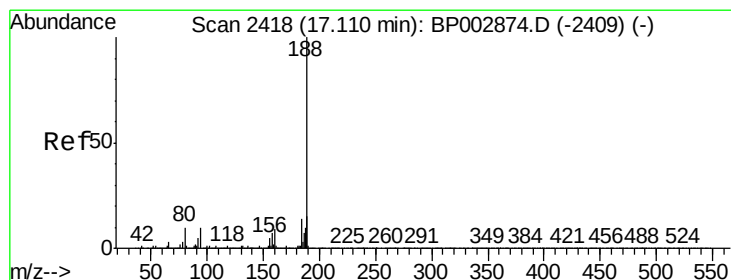
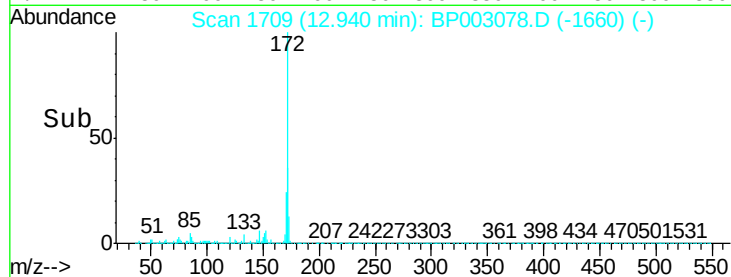
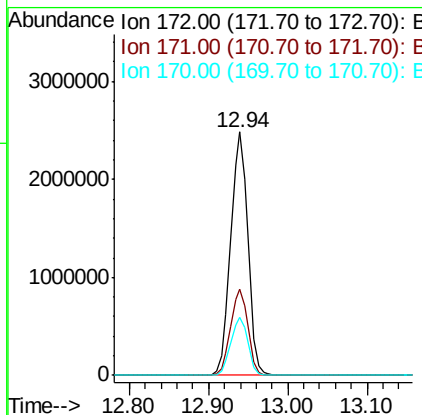
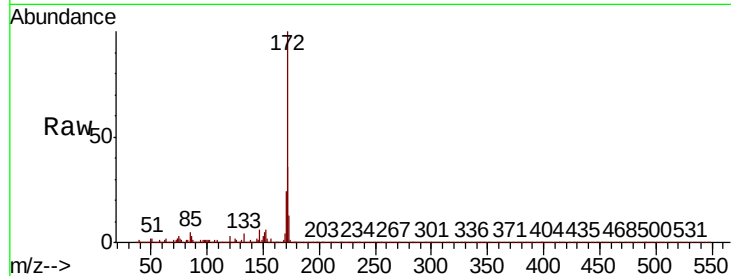




#45
2-Fluorobiphenyl
Concen: 69.646 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003078.D
Acq: 21 Aug 2020 13:14

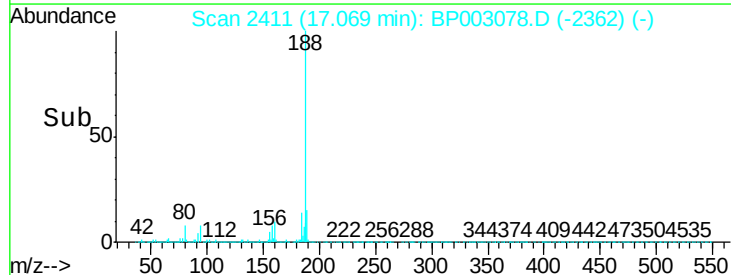
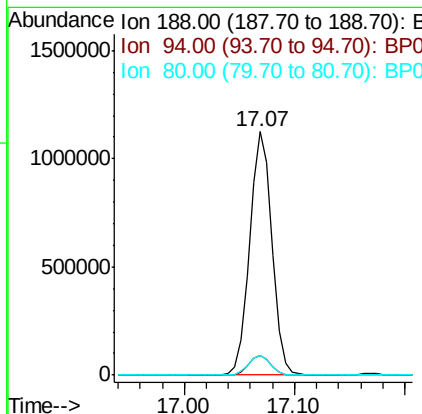
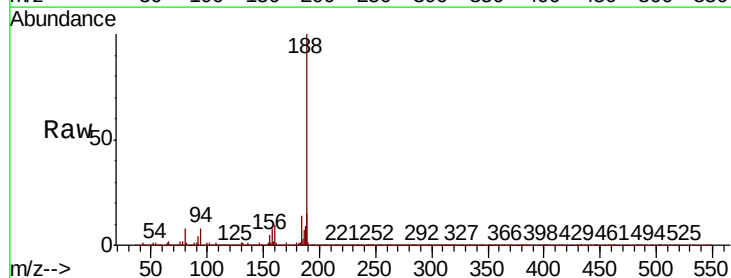
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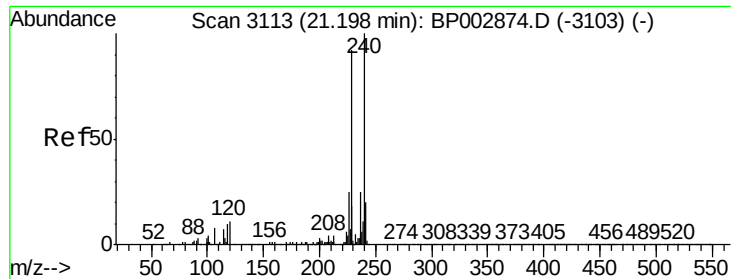
Tot Ion:172 Resp: 3717764
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.9 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003078.D
Acq: 21 Aug 2020 13:14

Tgt Ion:188 Resp: 1592330
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.0 6.7 10.1

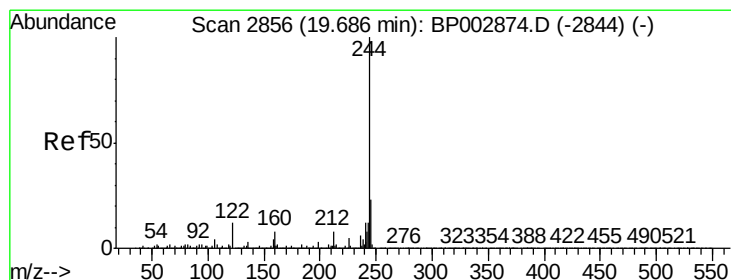
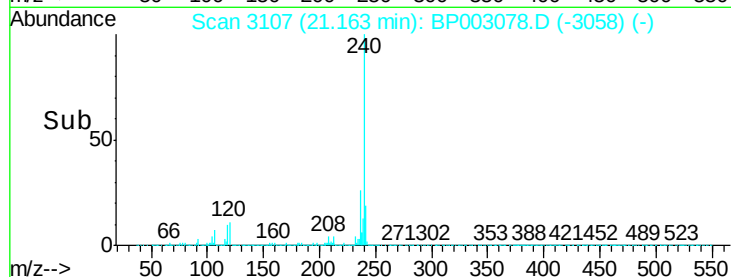
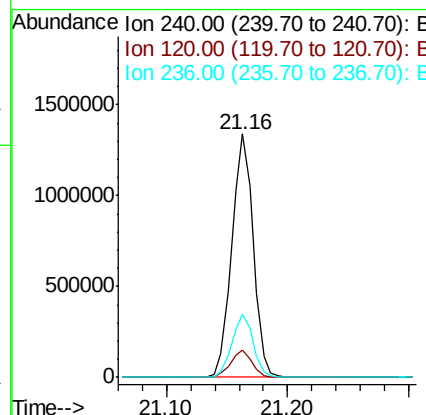
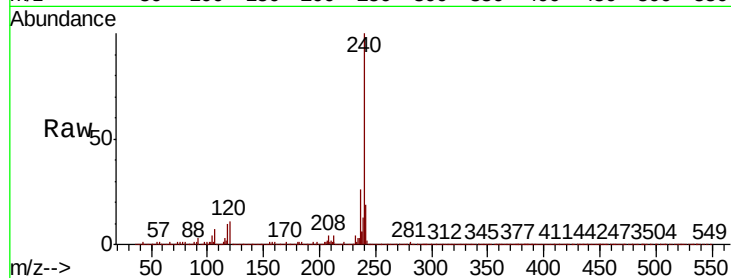




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BP003078.D
 Acq: 21 Aug 2020 13:14

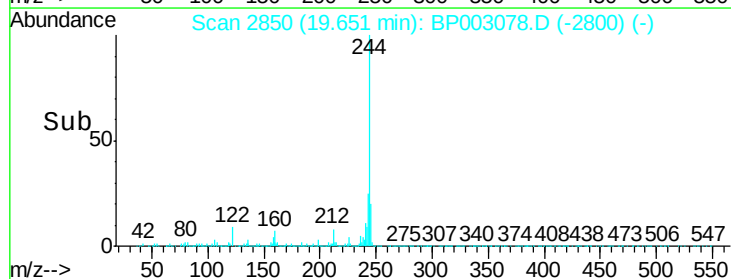
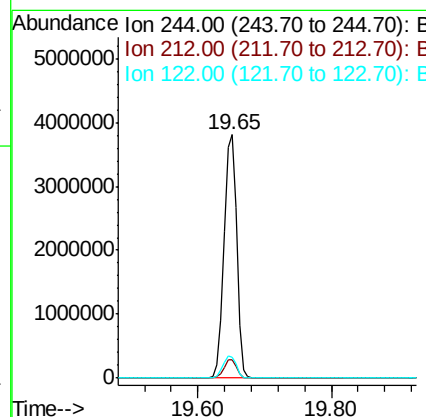
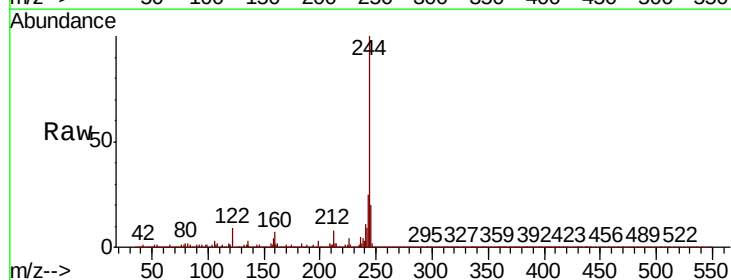
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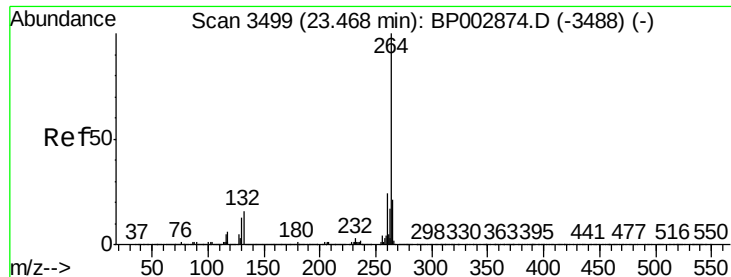
Tot Ion:240 Resp: 1644185
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.5 14.3
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 62.592 ng
 RT: 19.65 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BP003078.D
 Acq: 21 Aug 2020 13:14

Tgt Ion:244 Resp: 5140636
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.8 8.7 13.1



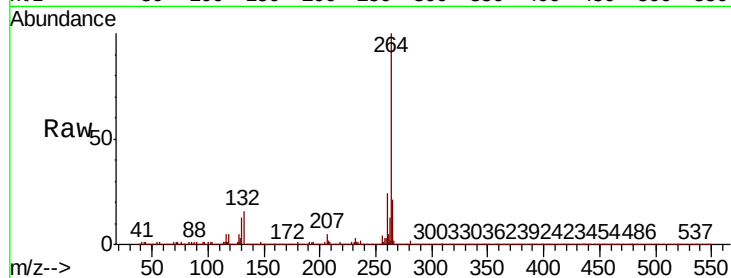


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003078.D
Acq: 21 Aug 2020 13:14

Instrument :
BNA_P
ClientSampleId :
SU-02-081820

Tot Ion:264 Resp: 1567251

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	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

