

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003174.D
 Acq On : 01 Sep 2020 19:15
 Operator : CG/JU
 Sample : L3851-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11998

Quant Time: Sep 02 04:32:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	164310	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	648310	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	396957	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	899977	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1127394	20.00	ng	0.00
86) Perylene-d12	23.37	264	1364881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1029626	110.79	ng	0.00
7) Phenol-d6	6.83	99	1102164	94.61	ng	0.00
23) Nitrobenzene-d5	8.80	82	776434	86.34	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	704157	131.16	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2225032	82.09	ng	0.00
79) Terphenyl-d14	19.62	244	3801128	74.19	ng	0.00

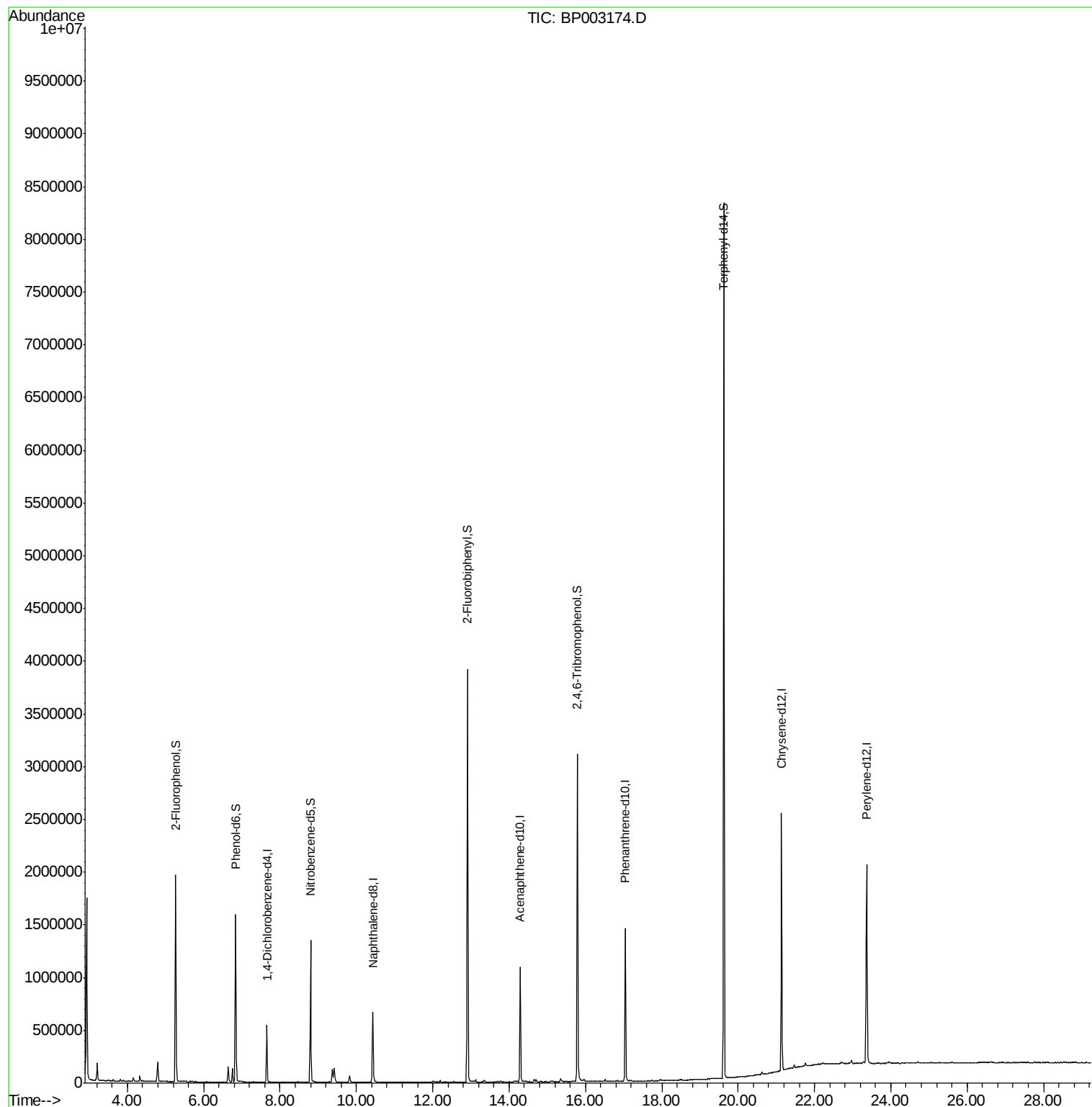
Target Compounds Qvalue

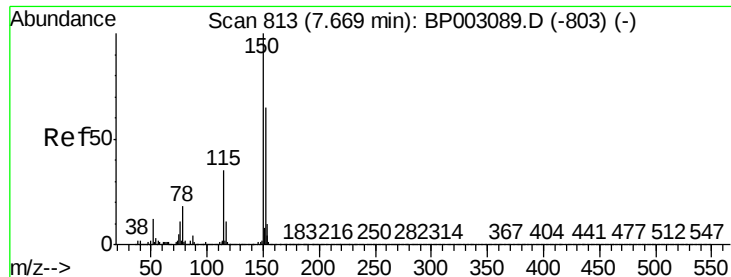
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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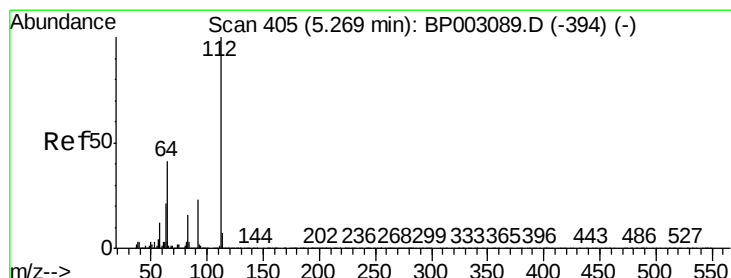
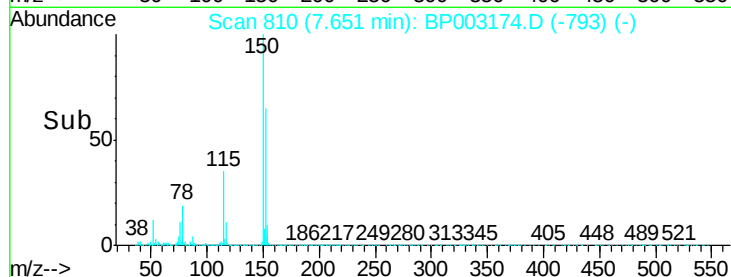
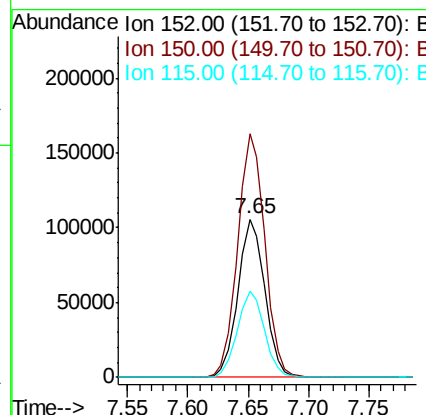
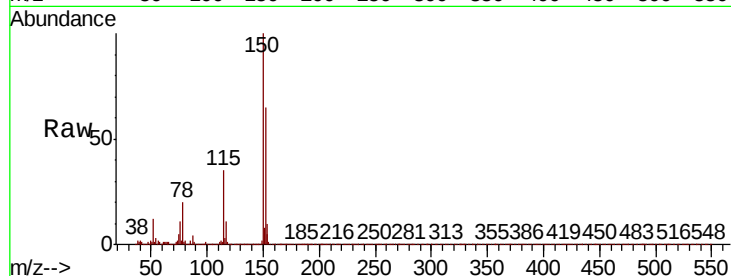


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Instrument :
BNA_P
ClientSampled :
11998

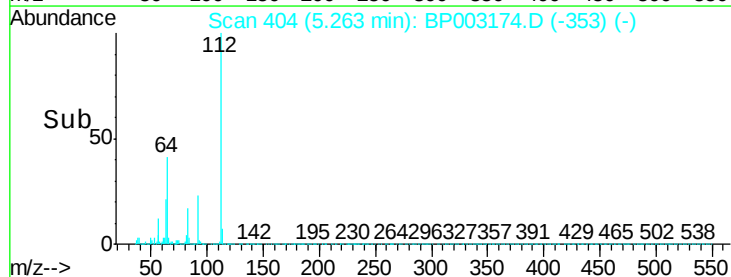
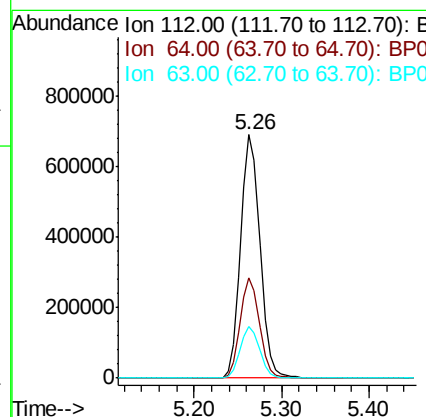
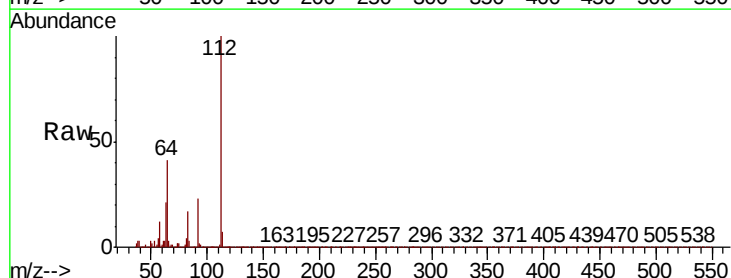
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	54.7	43.8	65.6

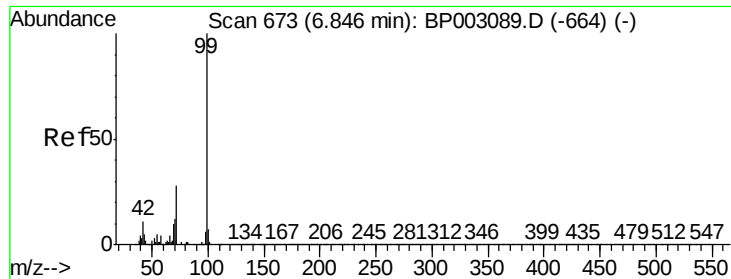


#5

2-Fluorophenol
Concen: 110.791 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	32.8	49.2
63	21.4	17.0	25.4





#7

Phenol-d6

Concen: 94.607 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003174.D

Acq: 01 Sep 2020 19:15

Instrument :

BNA_P

ClientSampleId :

11998

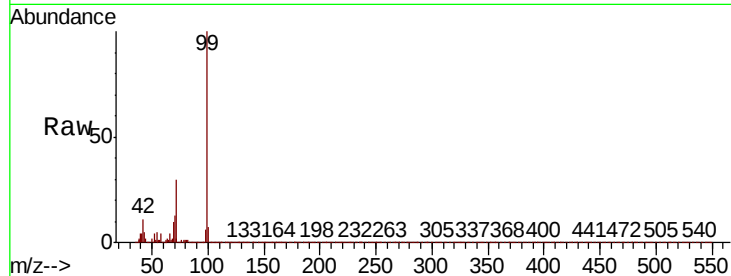
Tot Ion: 99 Resp: 1102164

Ion Ratio Lower Upper

99 100

42 11.2 8.6 13.0

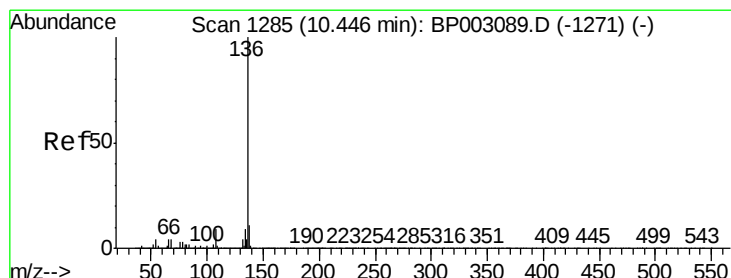
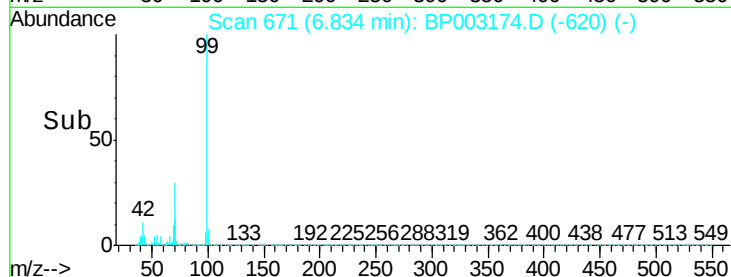
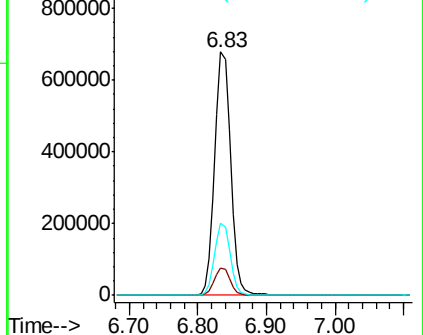
71 29.7 23.4 35.2



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: 10.43 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BP003174.D

Acq: 01 Sep 2020 19:15

Tgt Ion: 136 Resp: 648310

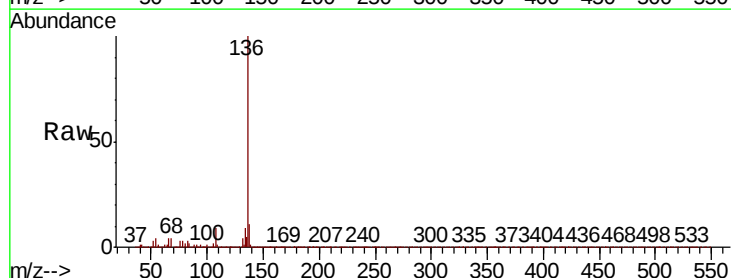
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 4.3 3.6 5.4

68 4.1 3.3 4.9

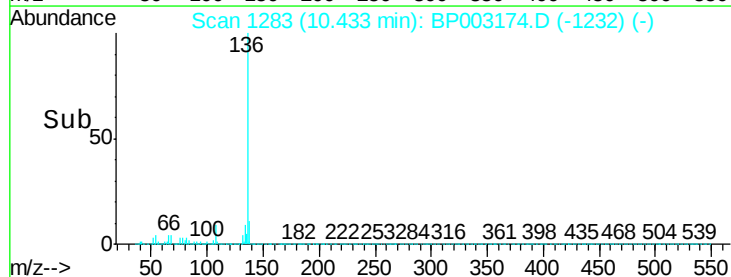
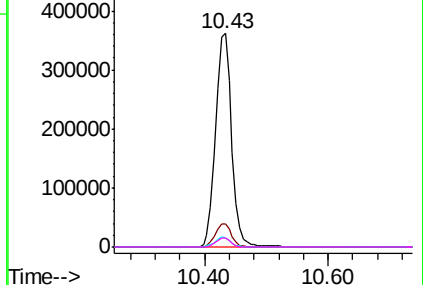


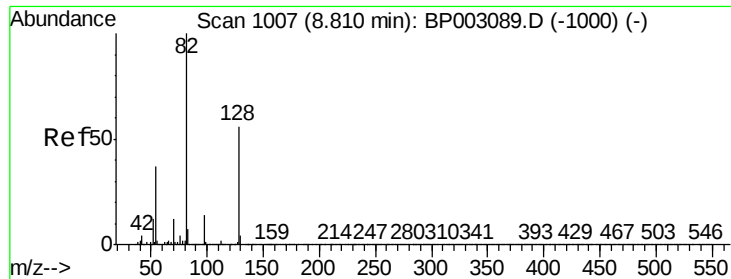
Abundance Ion 136.00 (135.70 to 136.70): E

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

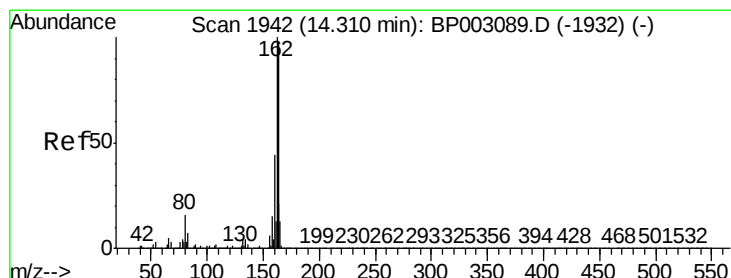
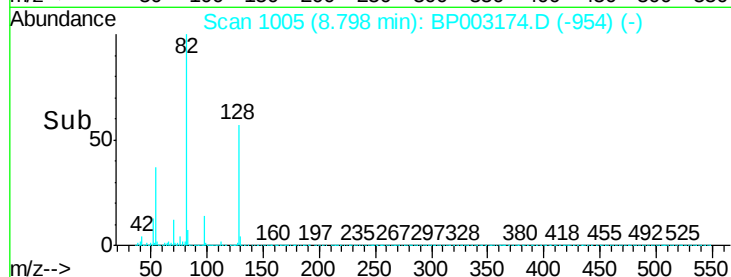
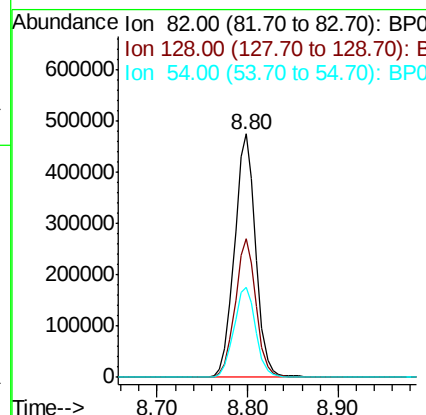
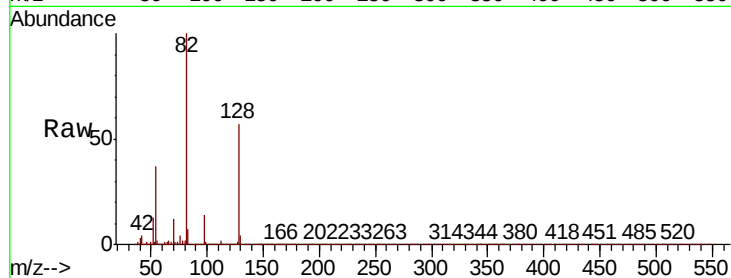




#23
Nitrobenzene-d5
Concen: 86.338 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

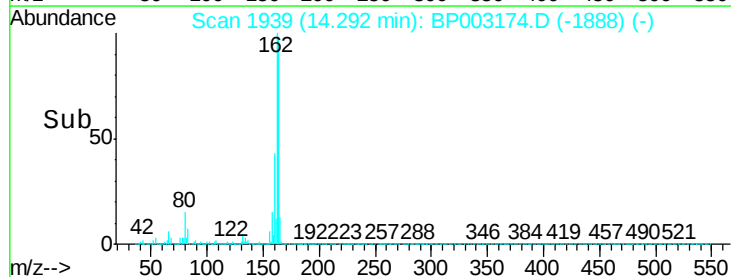
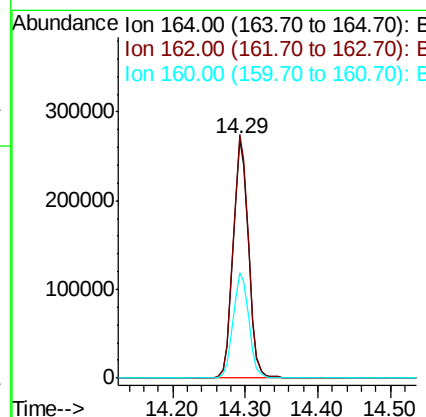
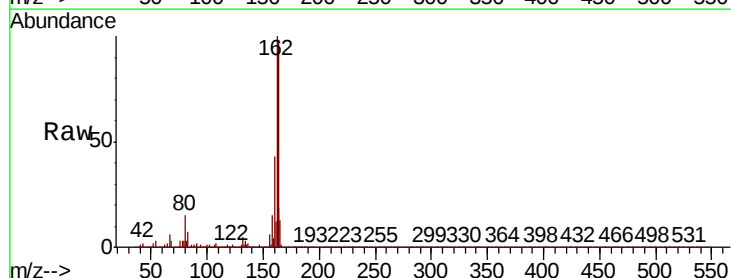
Instrument :
BNA_P
ClientSampleId :
11998

Tot Ion: 82 Resp: 776434
Ion Ratio Lower Upper
82 100
128 57.0 45.6 68.4
54 36.9 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion:164 Resp: 396957
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.2
160 43.9 36.1 54.1

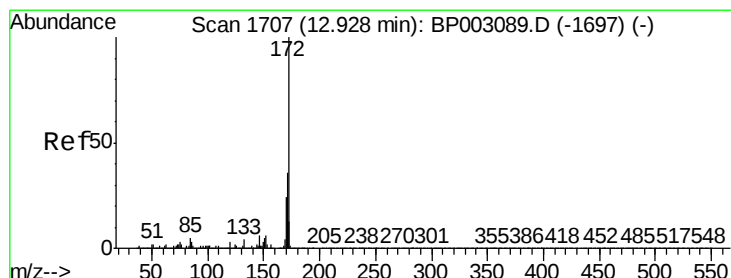
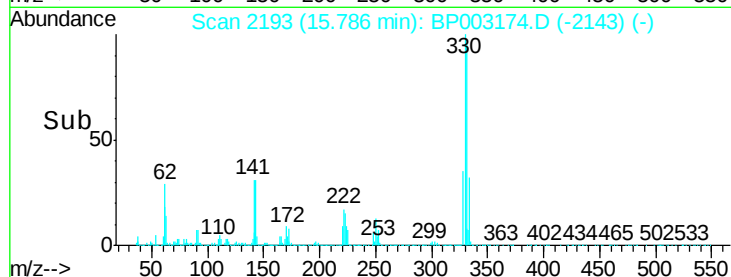
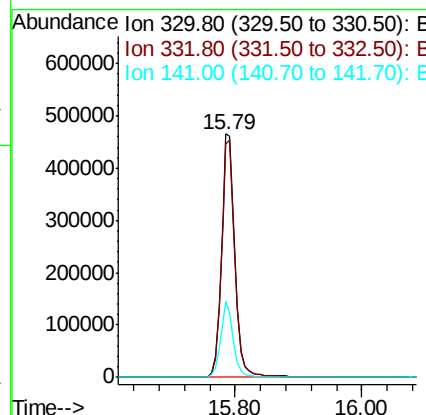
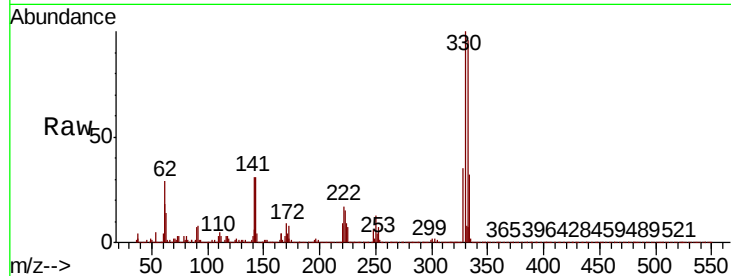




#42
2,4,6-Tribromophenol
Concen: 131.159 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

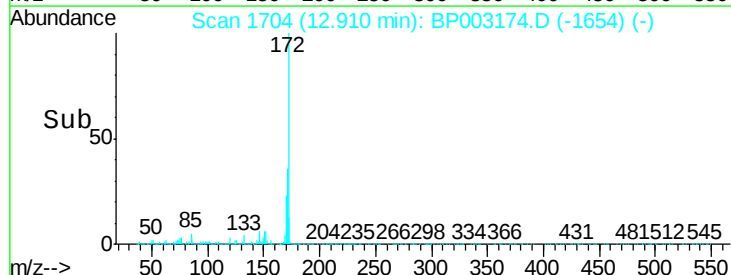
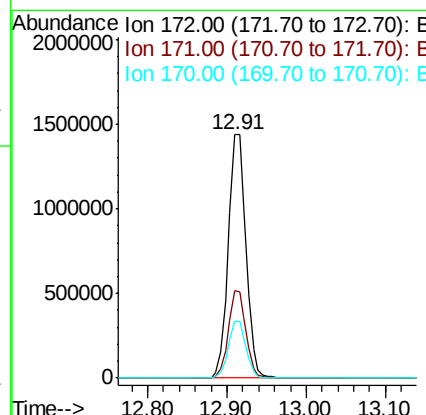
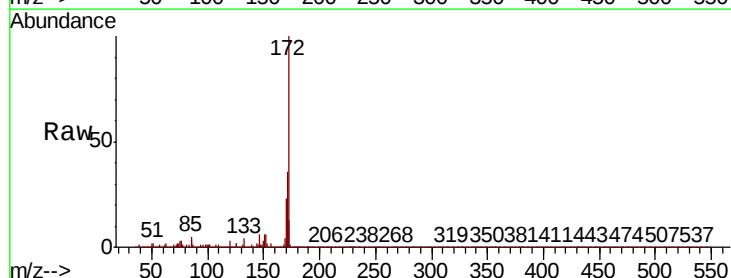
Instrument :
BNA_P
ClientSampleId :
11998

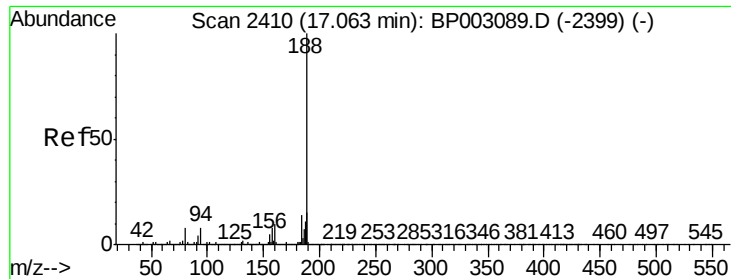
Tot Ion:330 Resp: 704157
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 82.086 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion:172 Resp: 2225032
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.4 19.2 28.8

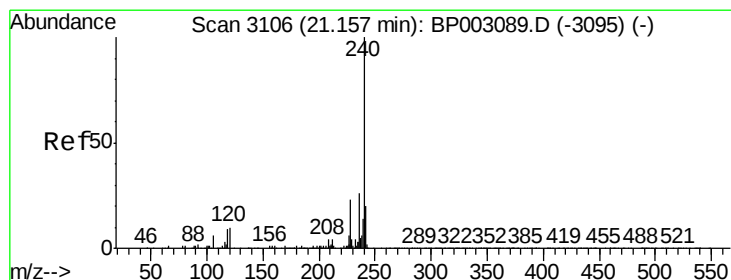
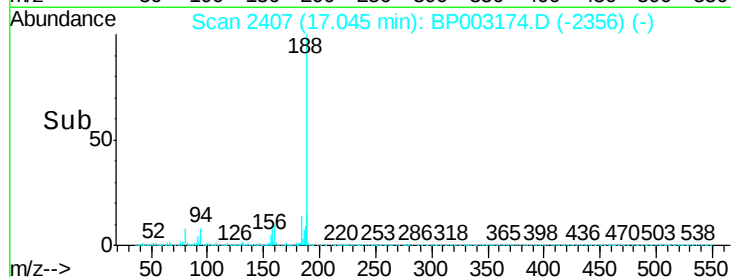
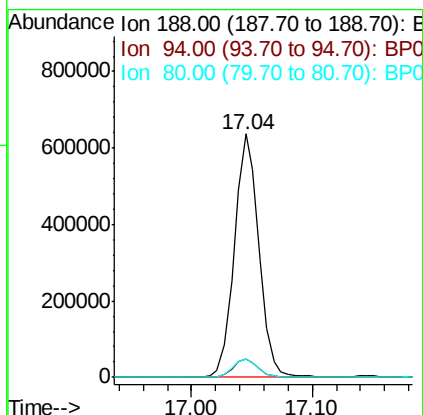
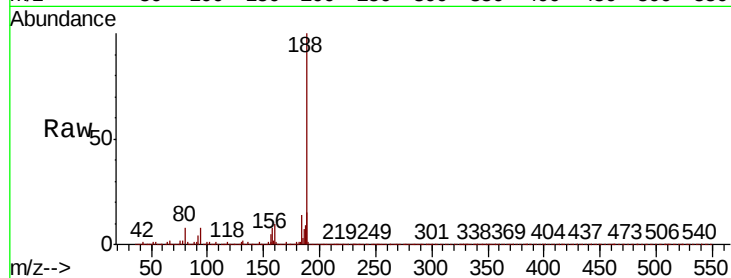




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

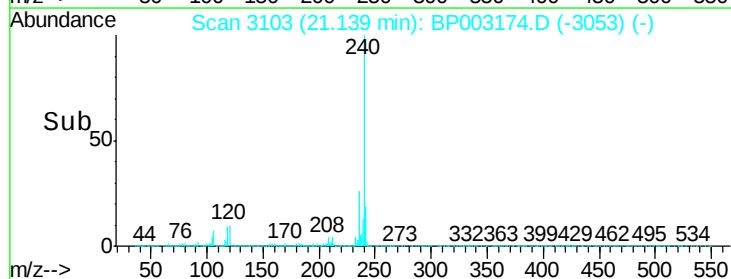
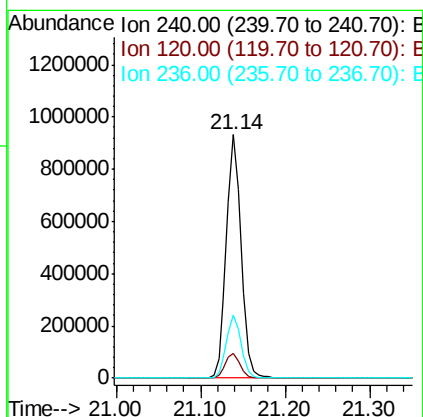
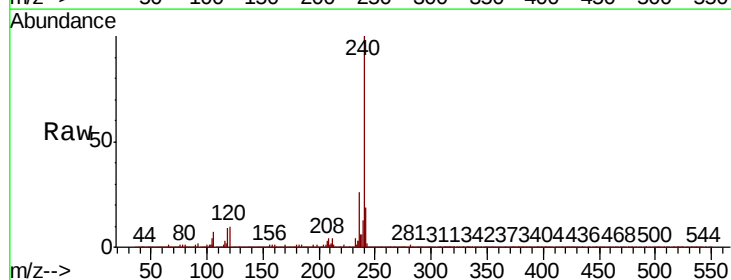
Instrument :
BNA_P
ClientSampleId :
11998

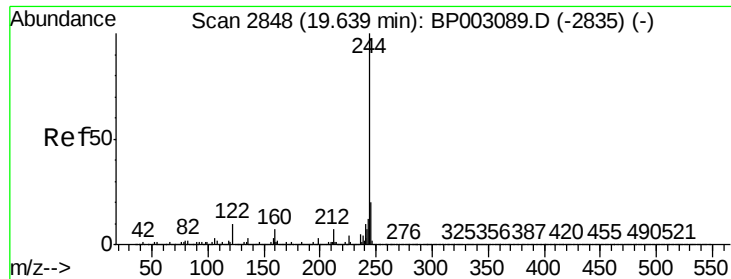
Tot Ion:188 Resp: 899977
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.6 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion:240 Resp: 1127394
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 74.190 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003174.D

Acq: 01 Sep 2020 19:15

Instrument :

BNA_P

ClientSampleId :

11998

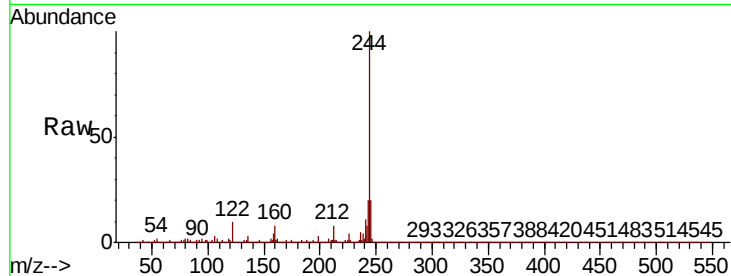
Tot Ion:244 Resp: 3801128

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

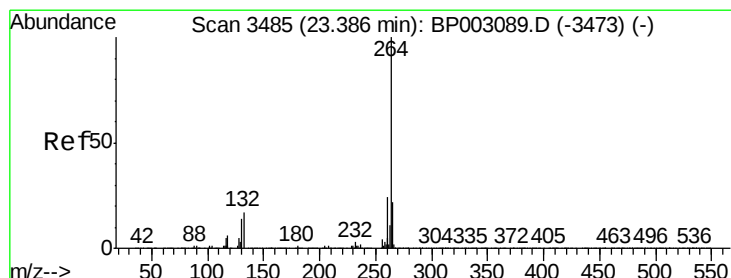
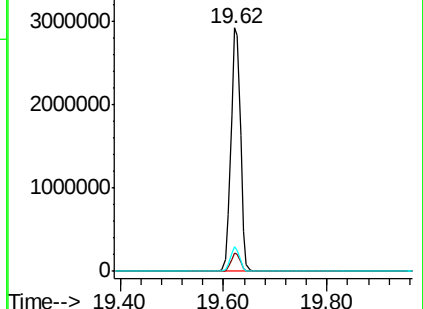
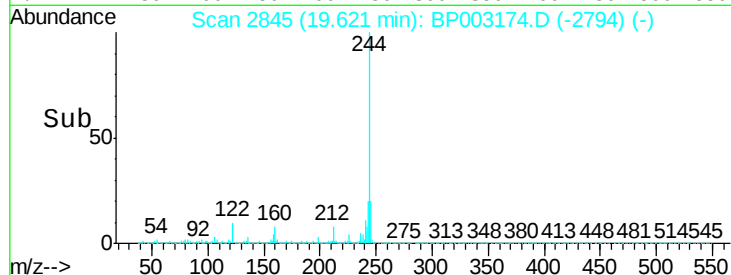
122 10.1 7.8 11.8



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: 23.37 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BP003174.D

Acq: 01 Sep 2020 19:15

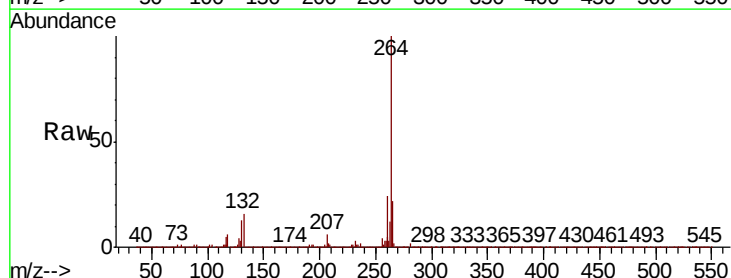
Tgt Ion:264 Resp: 1364881

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.8 17.4 26.2



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

