

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008504.D
 Acq On : 18 Dec 2021 23:45
 Operator : CG/JU
 Sample : M5115-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-6

Quant Time: Dec 20 00:55:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	45744	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	174641	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	115075	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	241514	20.000	ng	-0.01
76) Chrysene-d12	21.251	240	282649	20.000	ng	-0.01
86) Perylene-d12	23.615	264	331135	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	219383	75.738	ng	0.00
7) Phenol-d6	6.928	99	172249	44.277	ng	0.00
23) Nitrobenzene-d5	8.887	82	403491	97.880	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	249379	147.464	ng	-0.01
45) 2-Fluorobiphenyl	12.992	172	829833	91.669	ng	-0.01
79) Terphenyl-d14	19.716	244	1265428	77.918	ng	-0.01

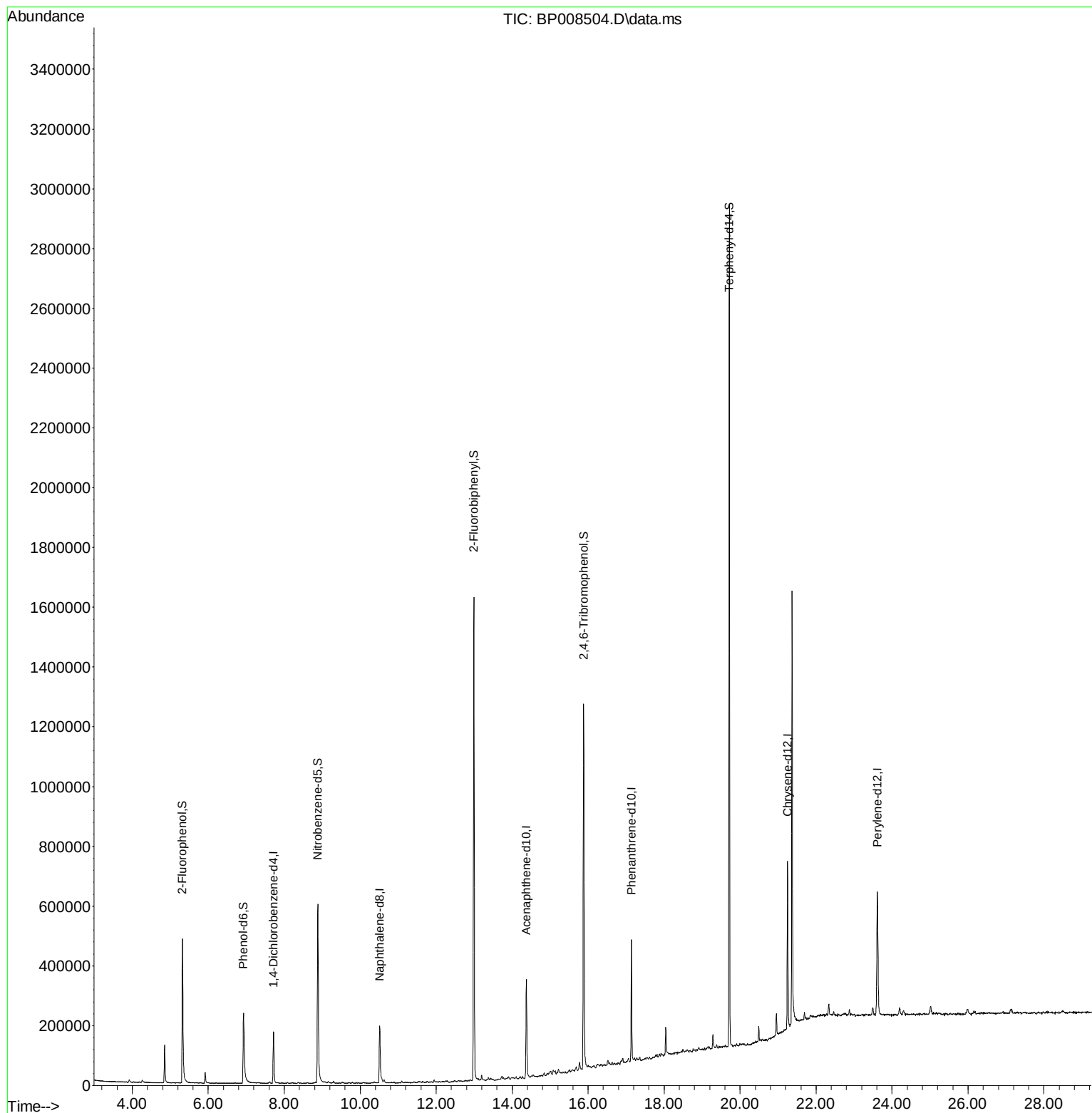
Target Compounds Qvalue

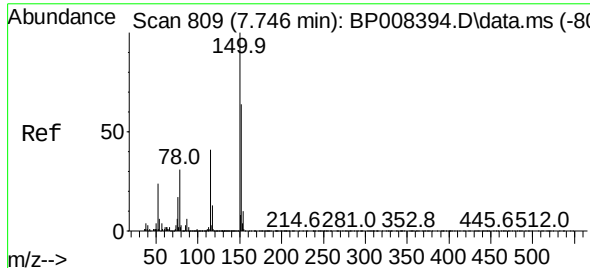
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
Data File : BP008504.D
Acq On : 18 Dec 2021 23:45
Operator : CG/JU
Sample : M5115-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-6

Quant Time: Dec 20 00:55:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 18 06:49:58 2021
Response via : Initial Calibration

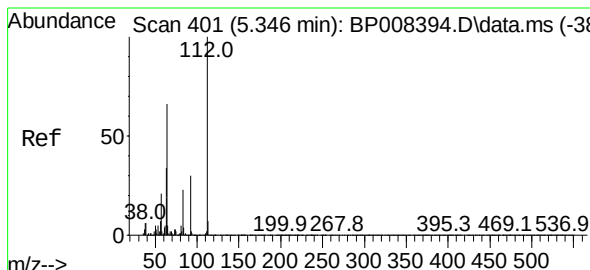
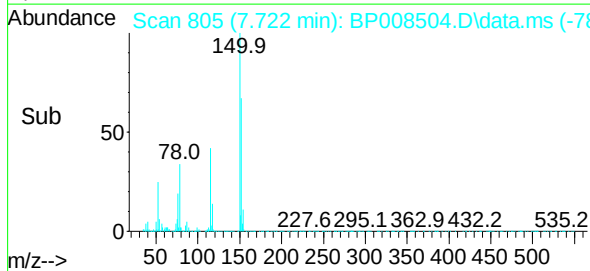
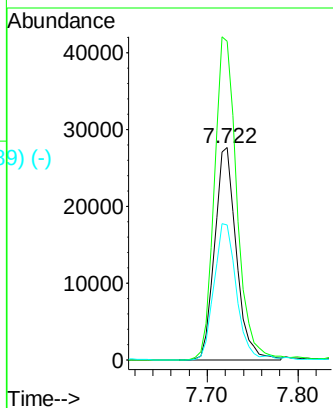
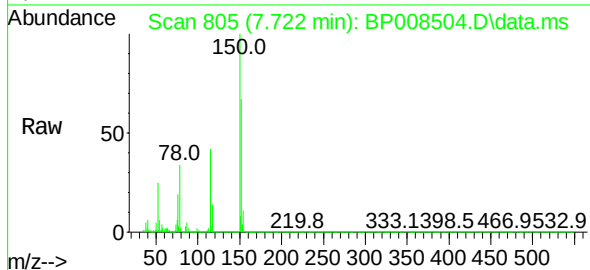




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

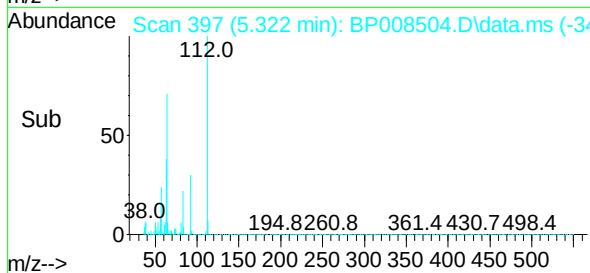
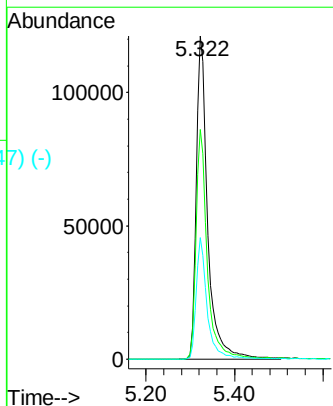
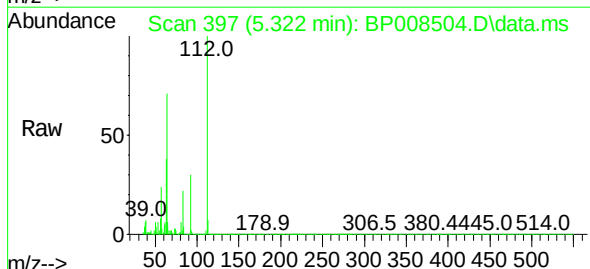
Instrument :
BNA_P
ClientSampleId :
MW-6

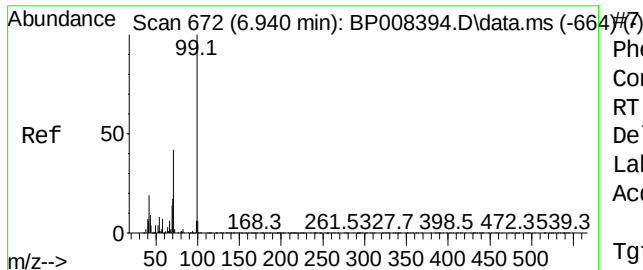
Tgt Ion:152 Resp: 45744
Ion Ratio Lower Upper
152 100
150 150.2 125.7 188.5
115 63.7 50.7 76.1



2-Fluorophenol
Concen: 75.738 ng
RT: 5.322 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

Tgt Ion:112 Resp: 219383
Ion Ratio Lower Upper
112 100
64 71.0 53.4 80.2
63 37.6 27.8 41.8





Phenol-d6

Concen: 44.277 ng

RT: 6.928 min Scan#

Delta R.T. -0.000 min

Lab File: BP008504.D

Acq: 18 Dec 2021 23:45

Instrument :

BNA_P

ClientSampleId :

MW-6

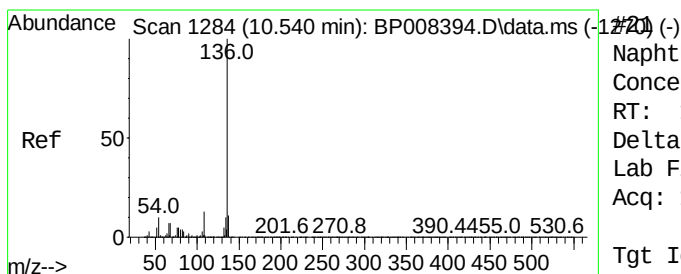
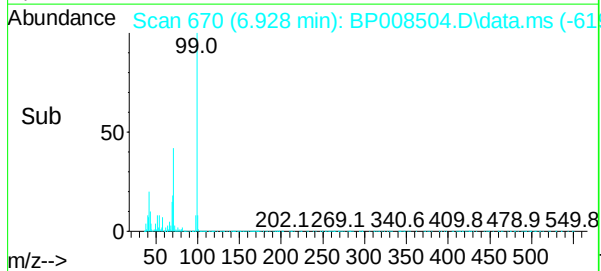
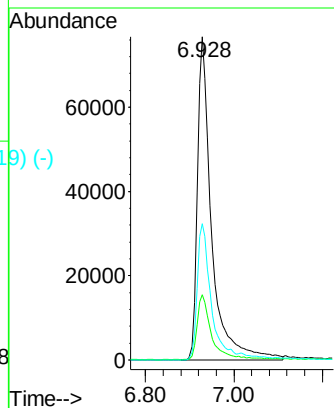
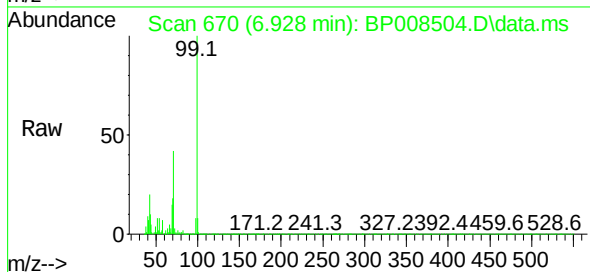
Tgt Ion: 99 Resp: 172249

Ion Ratio Lower Upper

99 100

42 20.2 14.6 22.0

71 42.2 31.1 46.7



Naphthalene-d8

Concen: 20.000 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BP008504.D

Acq: 18 Dec 2021 23:45

Tgt Ion: 136 Resp: 174641

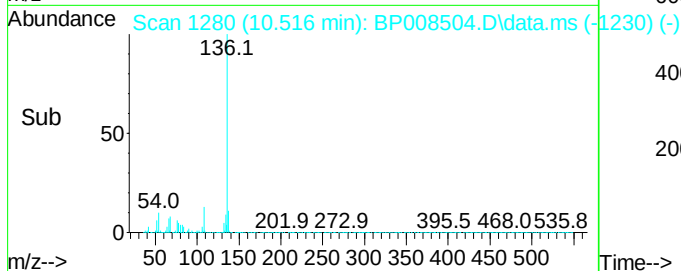
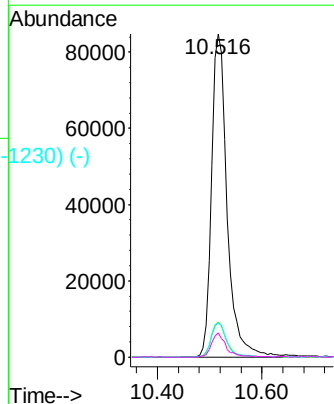
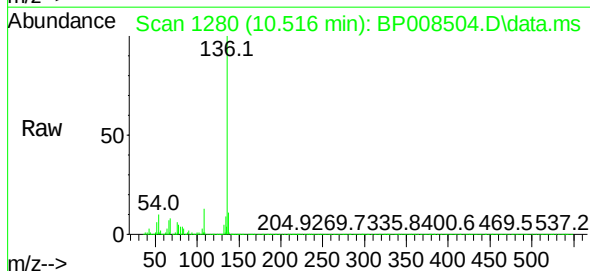
Ion Ratio Lower Upper

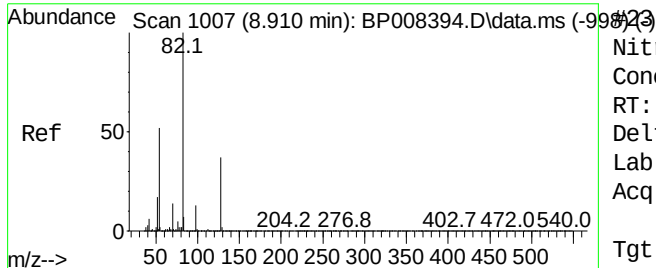
136 100

137 11.0 9.0 13.6

54 10.4 8.2 12.4

68 7.5 5.8 8.8





Nitrobenzene-d5

Concen: 97.880 ng

RT: 8.887 min Scan#

Delta R.T. -0.012 min

Lab File: BP008504.D

Acq: 18 Dec 2021 23:45

Instrument :

BNA_P

ClientSampleId :

MW-6

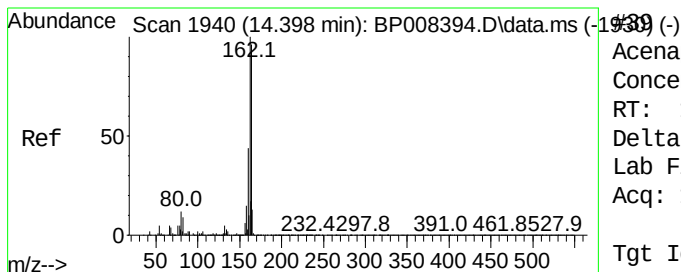
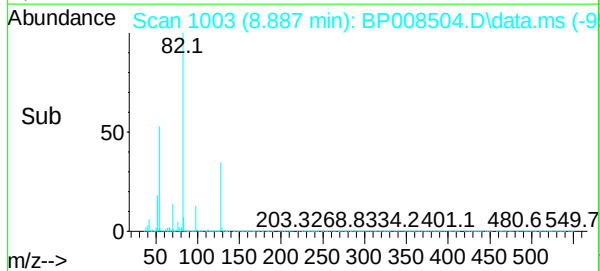
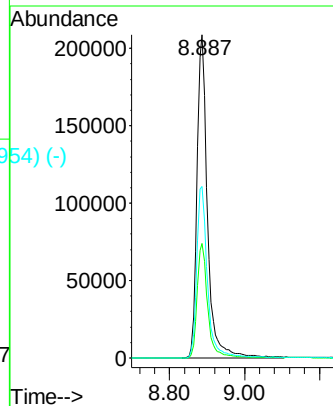
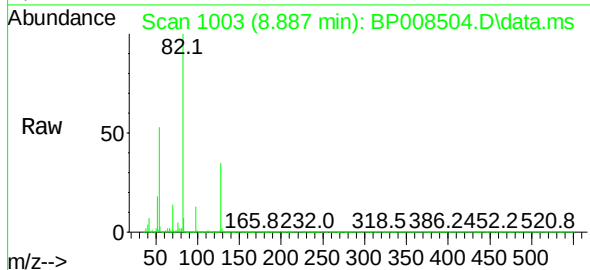
Tgt Ion: 82 Resp: 403491

Ion Ratio Lower Upper

82 100

128 35.3 29.6 44.4

54 53.1 42.7 64.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.012 min

Lab File: BP008504.D

Acq: 18 Dec 2021 23:45

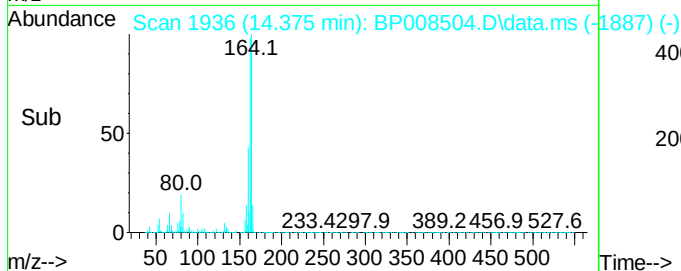
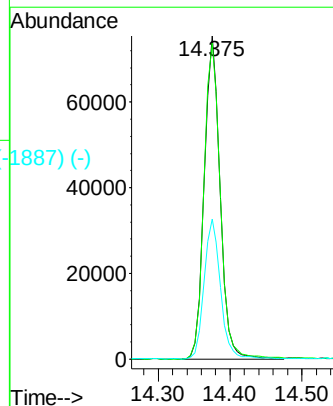
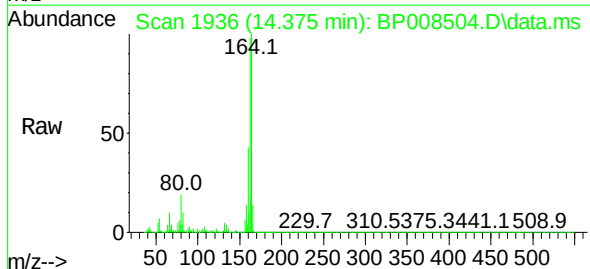
Tgt Ion: 164 Resp: 115075

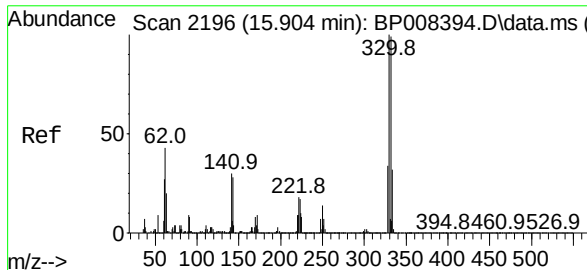
Ion Ratio Lower Upper

164 100

162 97.9 81.9 122.9

160 43.4 35.4 53.0

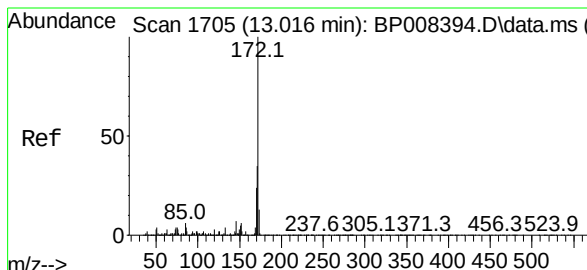
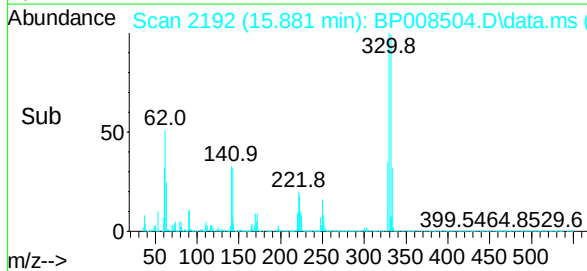
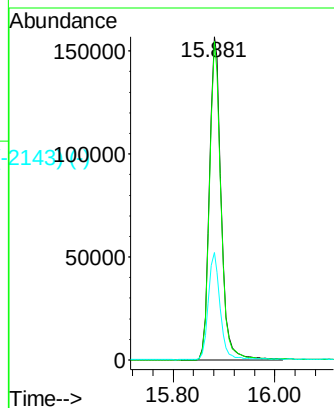
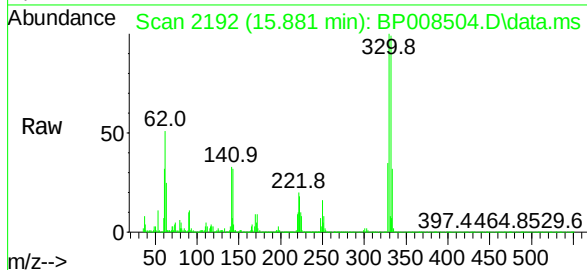




2,4,6-Tribromophenol
Concen: 147.464 ng
RT: 15.881 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

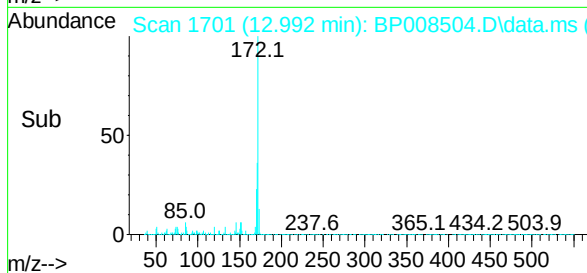
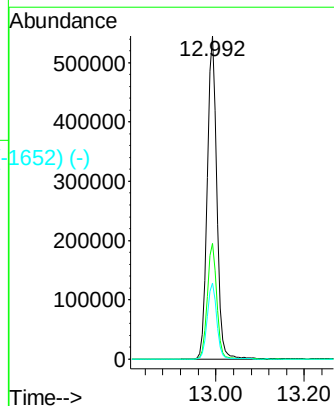
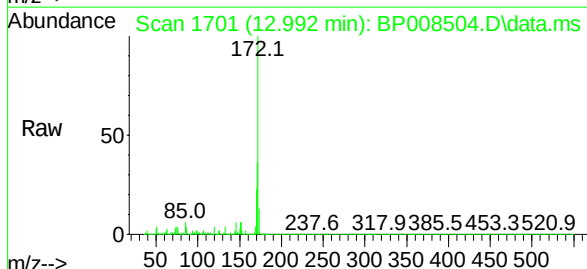
Instrument :
BNA_P
ClientSampleId :
MW-6

Tgt Ion:	330	Resp:	249379
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	33.5	28.4	42.6



2-Fluorobiphenyl
Concen: 91.669 ng
RT: 12.992 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP008504.D
Acq: 18 Dec 2021 23:45

Tgt Ion:	172	Resp:	829833
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.0	42.0
170	23.5	18.9	28.3



Abundance Scan 2410 (17.163 min): BP008394.D\data.ms (-2404) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2406

Delta R.T. -0.012 min

Lab File: BP008504.D

Acq: 18 Dec 2021 23:45

Instrument :

BNA_P

ClientSampleId :

MW-6

Tgt Ion:188 Resp: 241514

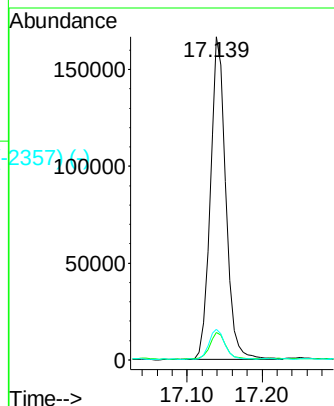
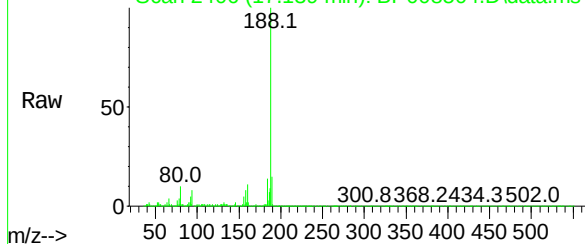
Ion Ratio Lower Upper

188 100

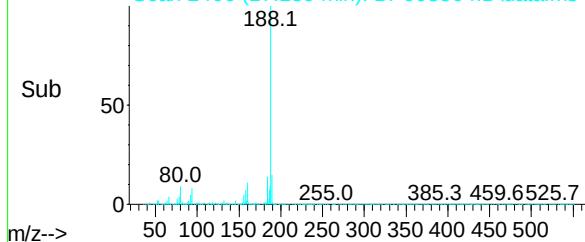
94 8.5 7.2 10.8

80 9.6 8.2 12.4

Abundance Scan 2406 (17.139 min): BP008504.D\data.ms



Abundance Scan 2406 (17.139 min): BP008504.D\data.ms (-2357) (-)



Abundance Scan 3108 (21.269 min): BP008394.D\data.ms (-3095) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.251 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BP008504.D

Acq: 18 Dec 2021 23:45

Tgt Ion:240 Resp: 282649

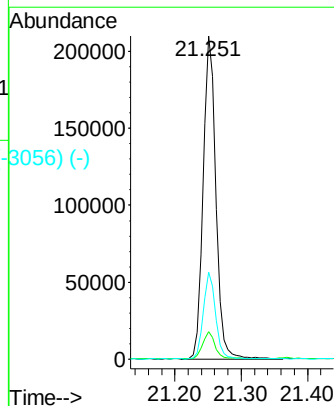
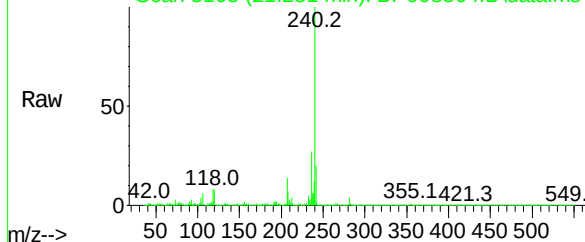
Ion Ratio Lower Upper

240 100

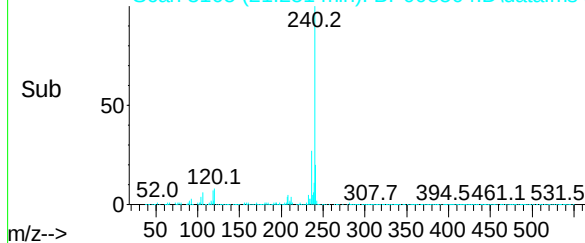
120 8.5 7.3 10.9

236 26.9 21.4 32.2

Abundance Scan 3105 (21.251 min): BP008504.D\data.ms



Abundance Scan 3105 (21.251 min): BP008504.D\data.ms (-3056) (-)



Abundance Scan 2847 (19.733 min): BP008394.D\data.ms (-2839) (-)

Terphenyl-d14

Concen: 77.918 ng

RT: 19.716 min Scan# 2844

Delta R.T. -0.012 min

Lab File: BP008504.D

Acq: 18 Dec 2021 23:45

Instrument :

BNA_P

ClientSampleId :

MW-6

Tgt Ion:244 Resp: 1265428

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 7.7 6.6 9.8

Abundance Scan 2844 (19.716 min): BP008504.D\data.ms

Ref 50

244.2

54.0 122.1 310.3 378.7 444.9 511.2

m/z--> 50 100 150 200 250 300 350 400 450 500

Raw 50

54.1 122.1 310.3 378.7 444.9 511.2

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 2844 (19.716 min): BP008504.D\data.ms (-2795) (-)

Sub 50

244.2

54.0 122.1 310.3 377.2 446.1 511.2

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance

1000000

800000

600000

400000

200000

0

19.60 19.716 19.80

Time-->

Abundance Scan 3511 (23.639 min): BP008394.D\data.ms (-3506) (-)

Perylene-d12

Concen: 20.000 ng

RT: 23.615 min Scan# 3507

Delta R.T. -0.018 min

Lab File: BP008504.D

Acq: 18 Dec 2021 23:45

Tgt Ion:264 Resp: 331135

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.8 17.6 26.4

Abundance Scan 3507 (23.615 min): BP008504.D\data.ms

Ref 50

264.2

41.0 132.1 198.9 355.1 420.1 537.0

m/z--> 50 100 150 200 250 300 350 400 450 500

Raw 50

41.0 132.1 198.9 355.1 420.1 537.0

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 3507 (23.615 min): BP008504.D\data.ms (-3459) (-)

Sub 50

264.1

64.1 132.1 198.0 382.1 447.0 514.5

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance

150000

100000

50000

0

23.60 23.615 23.80

Time-->