

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008995.D
 Acq On : 01 Feb 2022 19:50
 Operator : CG/JU
 Sample : N1338-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HP-1

Quant Time: Feb 02 04:06:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	233386	20.000	ng	-0.01
21) Naphthalene-d8	10.622	136	901664	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	564618	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1114797	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1087006	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1107350	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1565579	103.735	ng	0.00
7) Phenol-d6	7.011	99	1954329	106.937	ng	0.00
23) Nitrobenzene-d5	8.987	82	1214603	76.478	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	865124	105.264	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	3102394	72.460	ng	-0.01
79) Terphenyl-d14	19.786	244	4382050	68.046	ng	-0.01

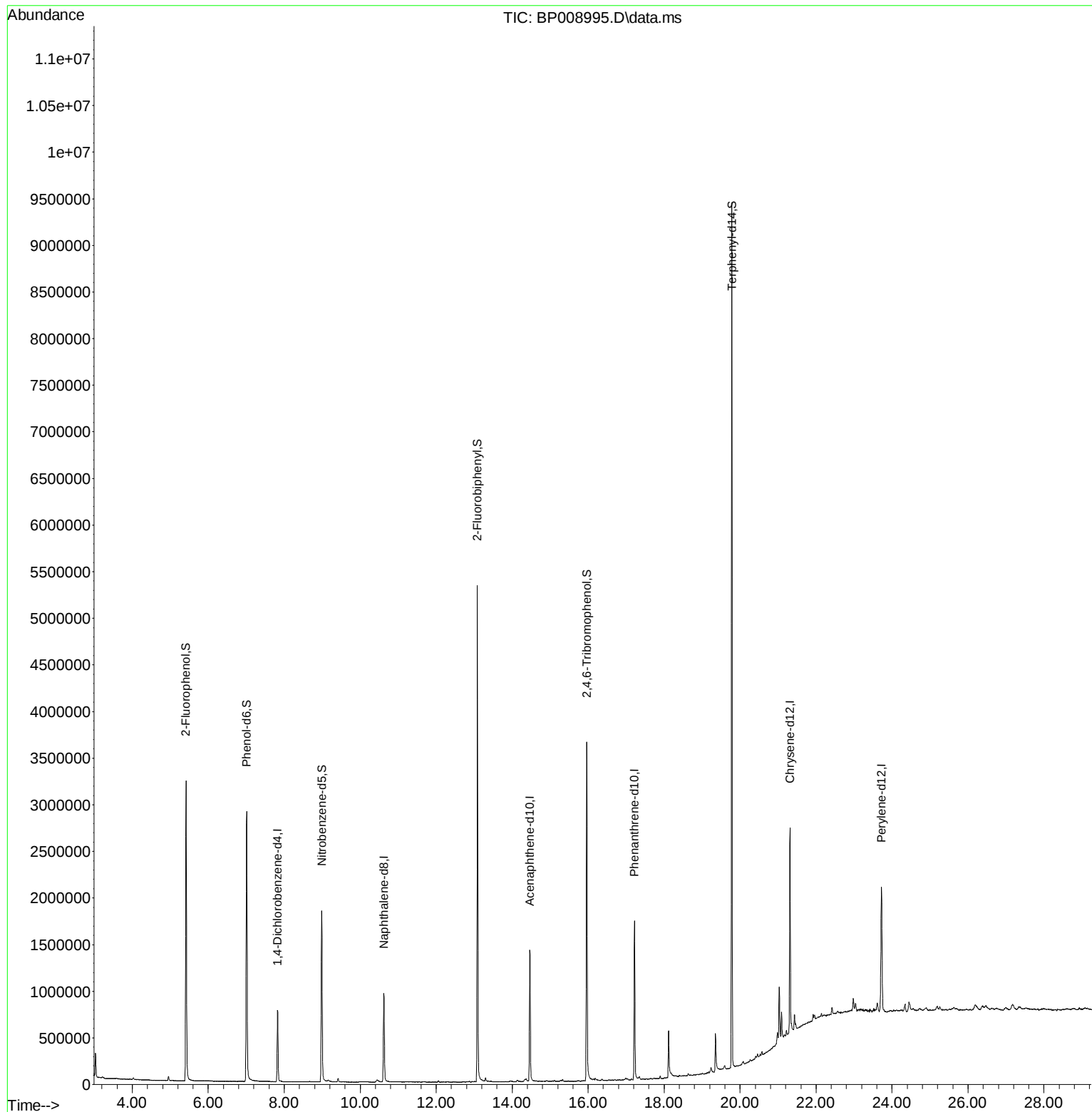
Target Compounds	Qvalue
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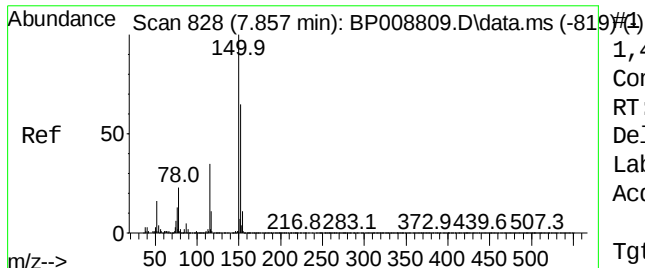
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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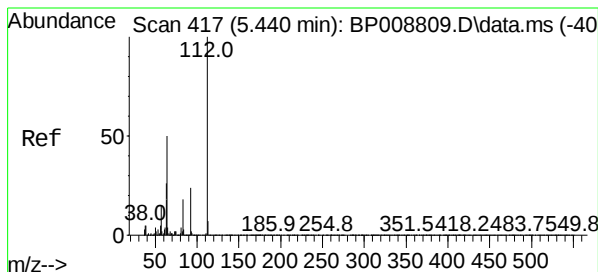
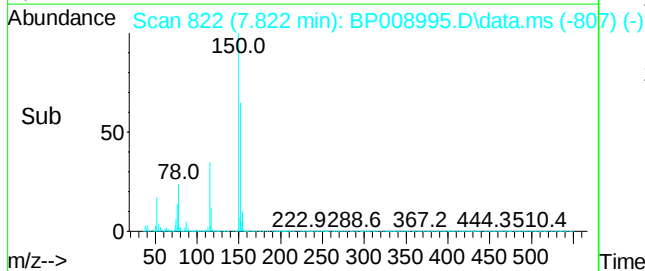
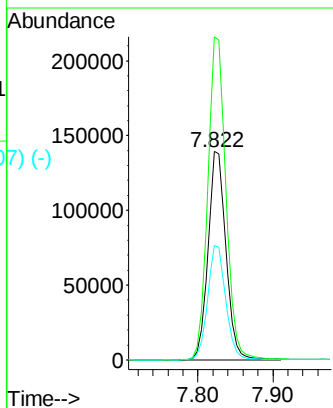
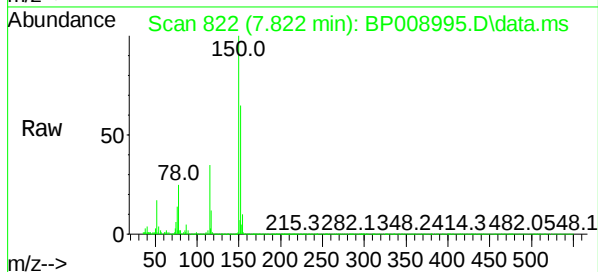




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.822 min Scan# 819
 Delta R.T. -0.012 min
 Lab File: BP008995.D
 Acq: 01 Feb 2022 19:50

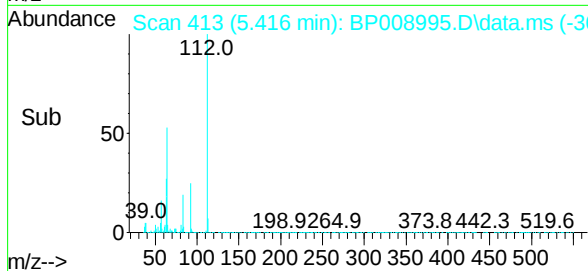
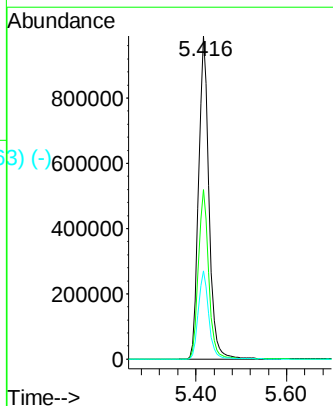
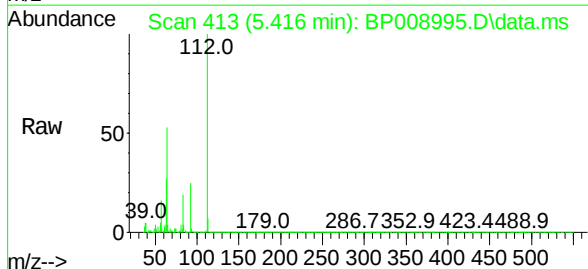
Instrument :
 BNA_P
 ClientSampleId :
 HP-1

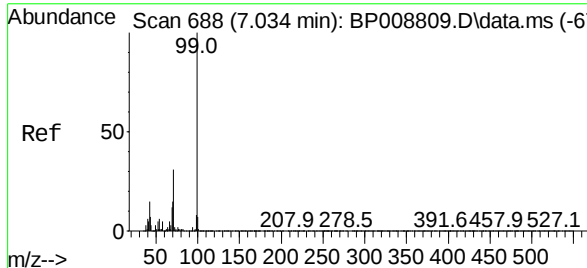
Tgt Ion:152 Resp: 233386
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.0 190.6
 115 54.9 43.7 65.5



2-Fluorophenol
 Concen: 103.735 ng
 RT: 5.416 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: BP008995.D
 Acq: 01 Feb 2022 19:50

Tgt Ion:112 Resp: 1565579
 Ion Ratio Lower Upper
 112 100
 64 52.5 39.7 59.5
 63 27.4 20.0 30.0





Phenol-d6

Concen: 106.937 ng

RT: 7.011 min Scan#

Delta R.T. -0.006 min

Lab File: BP008995.D

Acq: 01 Feb 2022 19:50

Instrument :

BNA_P

ClientSampleId :

HP-1

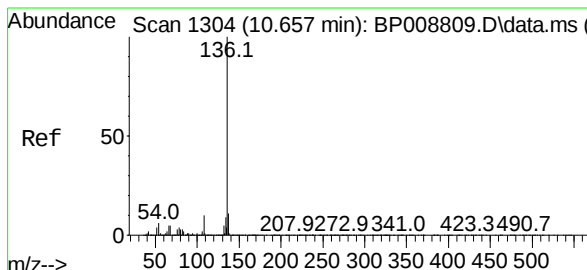
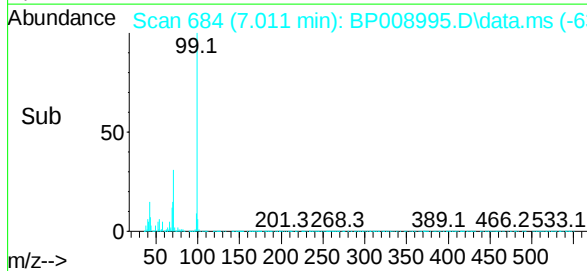
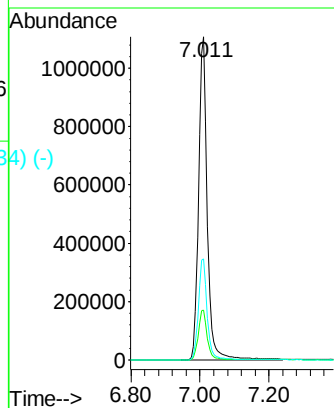
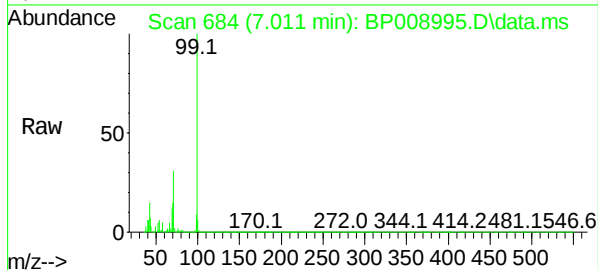
Tgt Ion: 99 Resp: 1954329

Ion Ratio Lower Upper

99 100

42 15.4 10.8 16.2

71 31.2 23.8 35.6



Naphthalene-d8

Concen: 20.000 ng

RT: 10.622 min Scan# 1298

Delta R.T. -0.012 min

Lab File: BP008995.D

Acq: 01 Feb 2022 19:50

Tgt Ion: 136 Resp: 901664

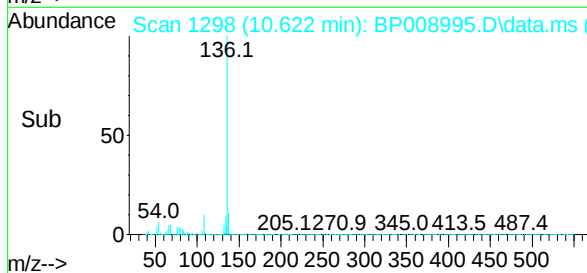
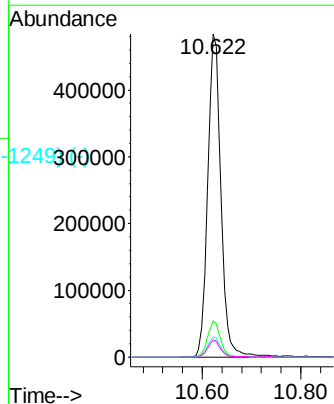
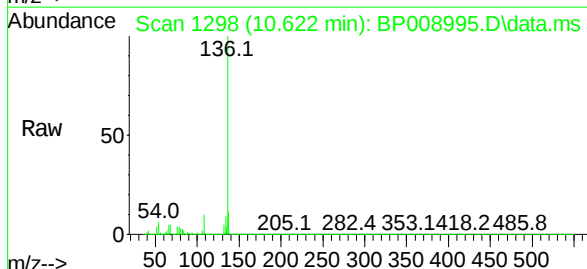
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.2 4.9 7.3

68 5.2 4.3 6.5



Abundance Scan 1025 (9.016 min): BP008809.D\data.ms (-10123)

Nitrobenzene-d5

Concen: 76.478 ng

RT: 8.987 min Scan# 1025

Delta R.T. -0.012 min

Lab File: BP008995.D

Acq: 01 Feb 2022 19:50

Instrument :

BNA_P

ClientSampleId :

HP-1

Tgt Ion: 82 Resp: 1214603

Ion Ratio Lower Upper

82 100

128 46.8 39.4 59.2

54 43.6 32.6 48.8

Abundance Scan 1020 (8.987 min): BP008995.D\data.ms

Ref 50

82.1

164.2 278.2 352.2 418.1 483.1 549.3

Raw 50

0

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

Abundance Scan 1020 (8.987 min): BP008995.D\data.ms (-971) (4)

Sub 50

82.0

195.5 270.1 363.0 431.4 506.1

0

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

Abundance

8.987

600000

400000

200000

0

Time--> 9.00 9.20

Abundance Scan 1957 (14.498 min): BP008809.D\data.ms (-1948)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

Delta R.T. -0.012 min

Lab File: BP008995.D

Acq: 01 Feb 2022 19:50

Tgt Ion:164 Resp: 564618

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 44.4 35.5 53.3

Abundance Scan 1951 (14.463 min): BP008995.D\data.ms

Ref 50

80.0

164.1

290.9 357.2 425.9 492.6

Raw 50

0

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

Abundance Scan 1951 (14.463 min): BP008995.D\data.ms (-1902) (-)

Sub 50

80.0

164.1

230.8 353.7 419.1 486.7

0

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

Abundance

14.463

300000

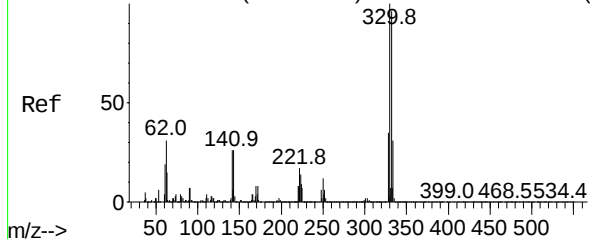
200000

100000

0

Time--> 14.40 14.60

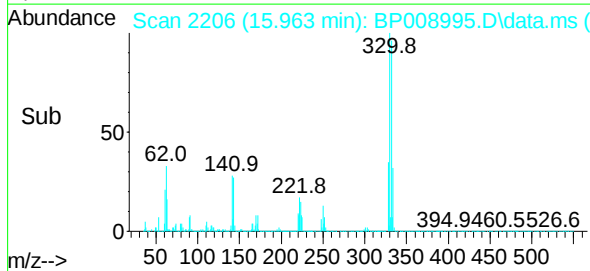
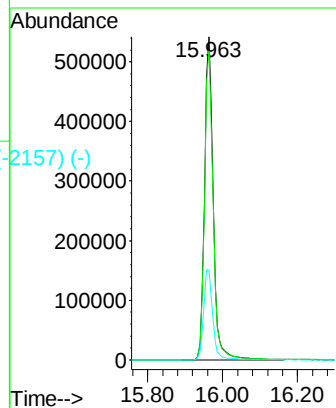
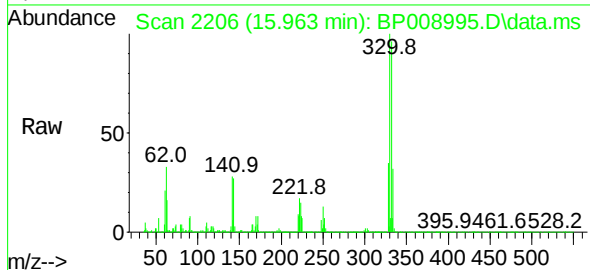
Abundance Scan 2211 (15.992 min): BP008809.D\data.ms (-2157) (-)



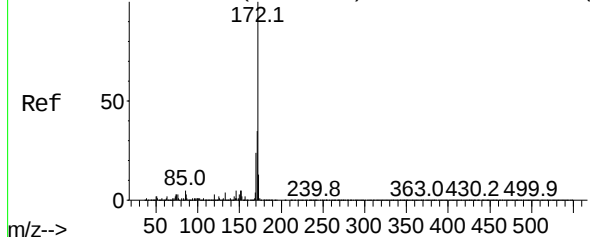
2,4,6-Tribromophenol
Concen: 105.264 ng
RT: 15.963 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008995.D
Acq: 01 Feb 2022 19:50

Instrument :
BNA_P
ClientSampleId :
HP-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.4
141	29.6	21.3	31.9

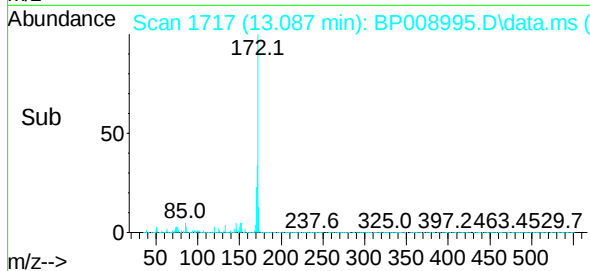
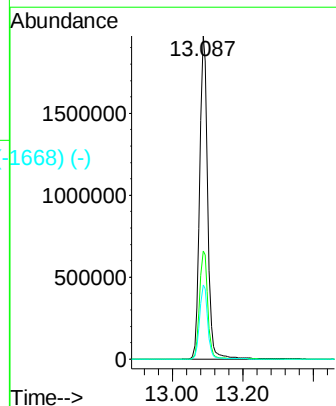
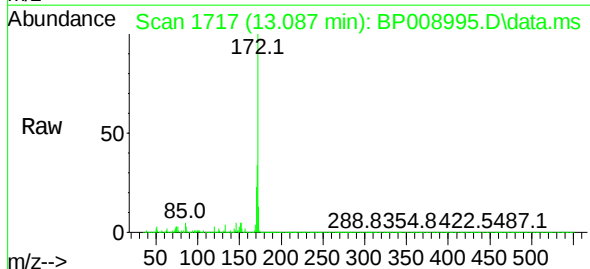


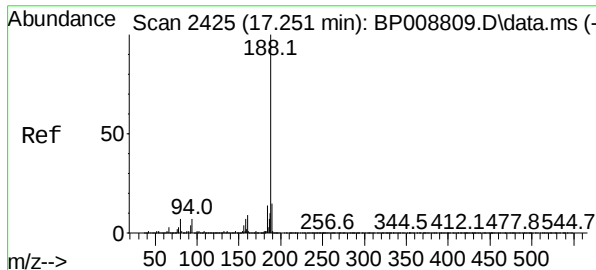
Abundance Scan 1723 (13.122 min): BP008809.D\data.ms (-1715) (-)



2-Fluorobiphenyl
Concen: 72.460 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP008995.D
Acq: 01 Feb 2022 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.3	43.9
170	23.0	19.5	29.3





Phenanthrene-d10

Concen: 20.000 ng

RT: 17.222 min Scan# 2420

Delta R.T. -0.012 min

Lab File: BP008995.D

Acq: 01 Feb 2022 19:50

Instrument :

BNA_P

ClientSampleId :

HP-1

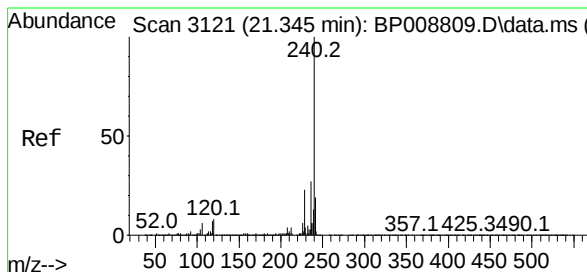
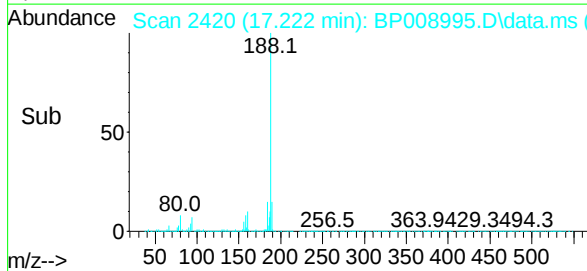
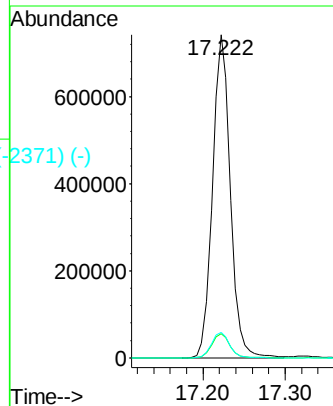
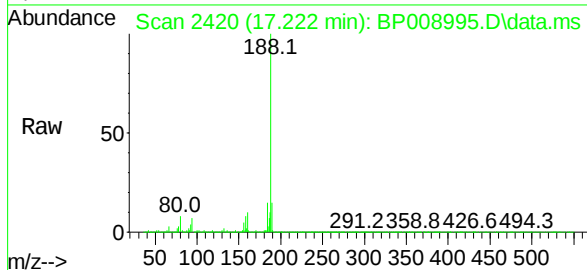
Tgt Ion:188 Resp: 1114797

Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

80 8.0 7.2 10.8



Chrysene-d12

Concen: 20.000 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP008995.D

Acq: 01 Feb 2022 19:50

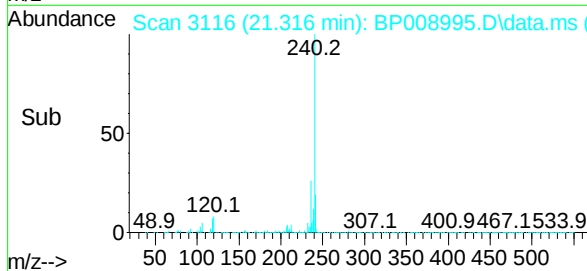
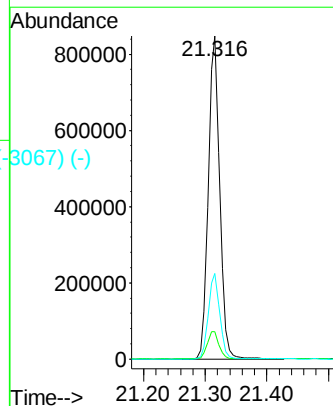
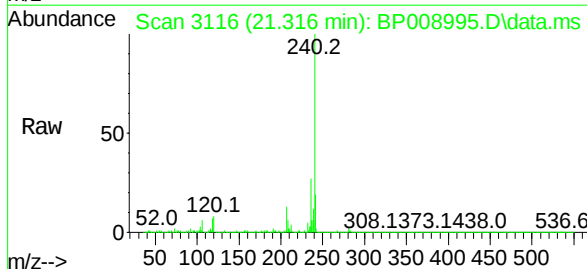
Tgt Ion:240 Resp: 1087006

Ion Ratio Lower Upper

240 100

120 8.5 7.7 11.5

236 26.5 21.2 31.8



Abundance Scan 2861 (19.815 min): BP008809.D\data.ms (-2859) (-)

Terphenyl-d14

Concen: 68.046 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.012 min

Lab File: BP008995.D

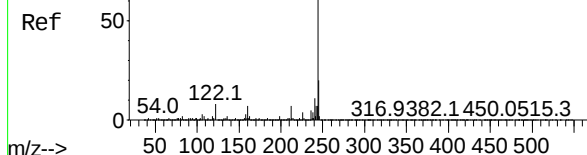
Acq: 01 Feb 2022 19:50

Instrument :

BNA_P

ClientSampleId :

HP-1



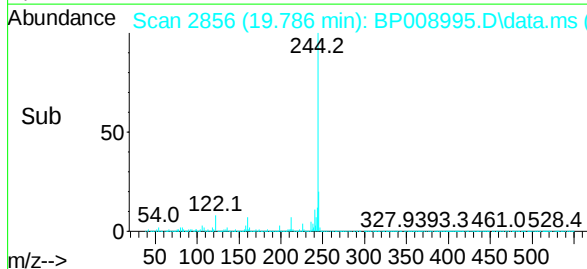
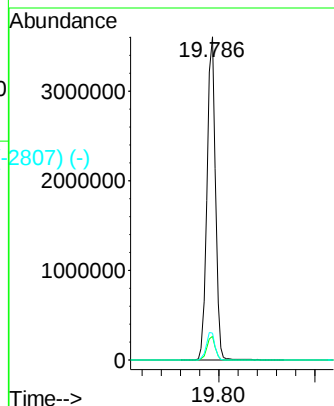
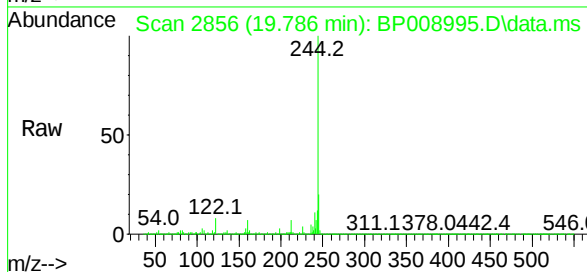
Tgt Ion:244 Resp: 4382050

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.3 9.2 13.8#



Abundance Scan 3532 (23.762 min): BP008809.D\data.ms (-3526) (-)

Perylene-d12

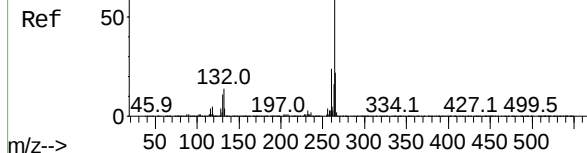
Concen: 20.000 ng

RT: 23.721 min Scan# 3525

Delta R.T. -0.018 min

Lab File: BP008995.D

Acq: 01 Feb 2022 19:50



Tgt Ion:264 Resp: 1107350

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.5 17.1 25.7

