

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039255.D
 Acq On : 31 Mar 2023 16:17
 Operator : CG/JU
 Sample : PB151822BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151822BL

Quant Time: Mar 31 16:54:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	319676	20.000	ng	-0.01
21) Naphthalene-d8	10.728	136	1251560	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	698518	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	1325993	20.000	ng	-0.01
76) Chrysene-d12	21.492	240	877793	20.000	ng	-0.01
86) Perylene-d12	23.903	264	846624	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2985639	140.710	ng	0.00
7) Phenol-d6	7.093	99	3688814	134.411	ng	0.00
23) Nitrobenzene-d5	9.092	82	2276491	88.404	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1093511	123.324	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4587067	88.975	ng	0.00
79) Terphenyl-d14	19.933	244	5284254	111.222	ng	-0.01

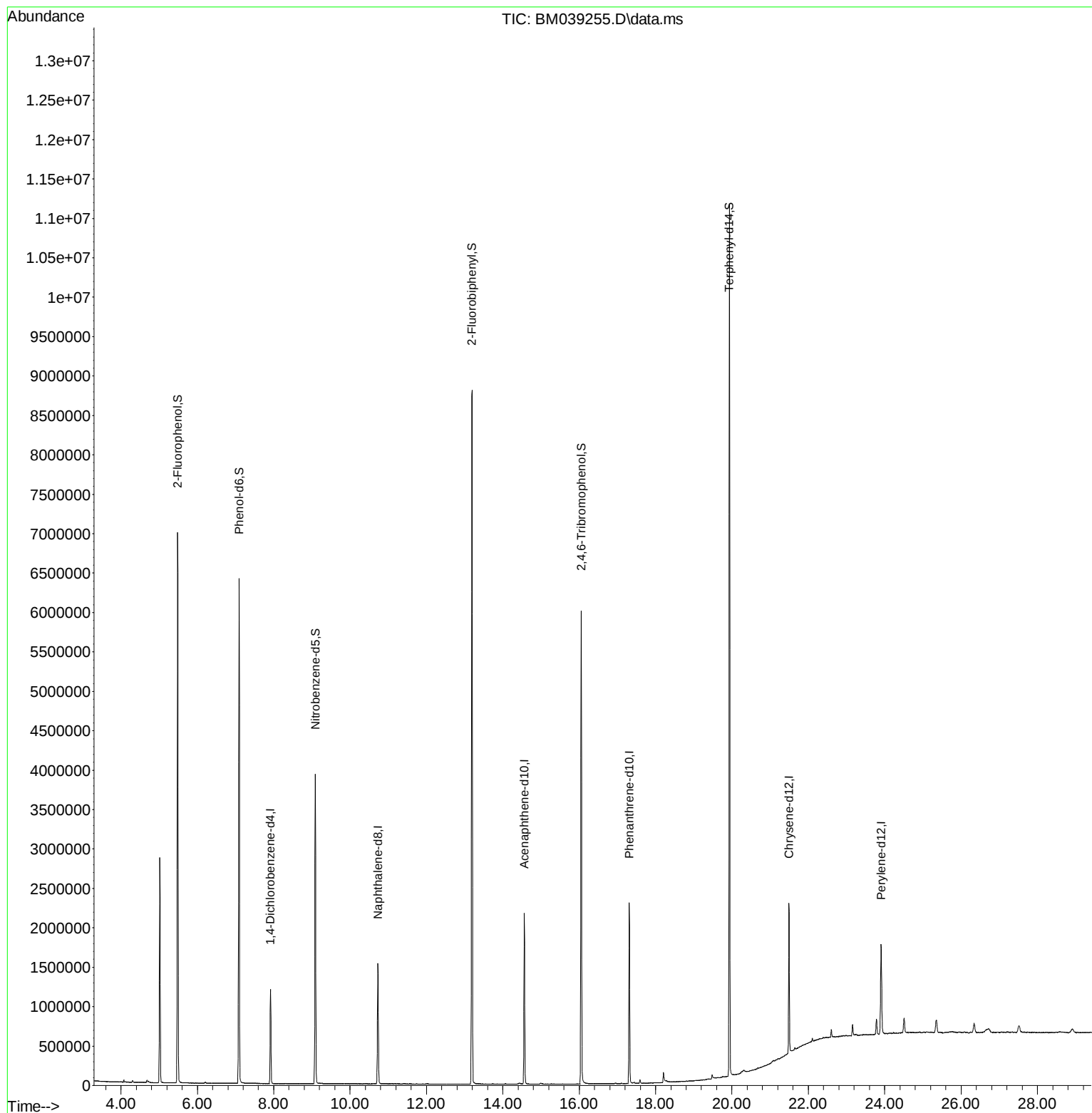
Target Compounds Qvalue

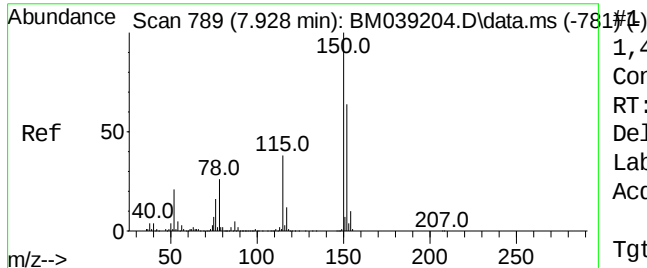
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039255.D
Acq On : 31 Mar 2023 16:17
Operator : CG/JU
Sample : PB151822BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB151822BL

Quant Time: Mar 31 16:54:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.916 min Scan#

Delta R.T. -0.012 min

Lab File: BM039255.D

Acq: 31 Mar 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB151822BL

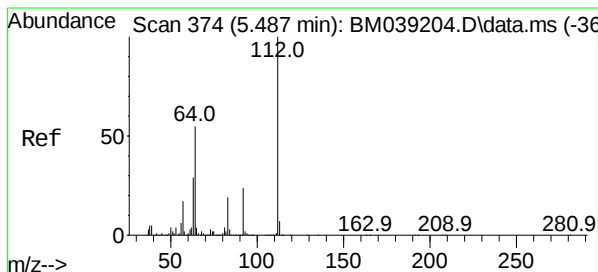
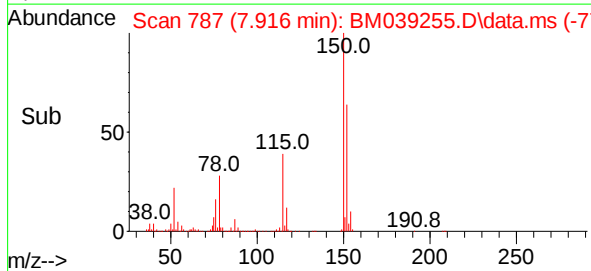
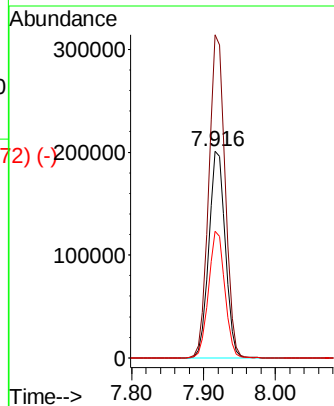
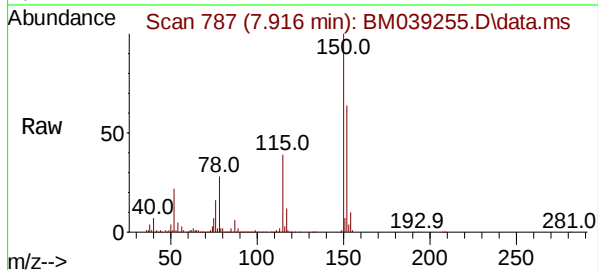
Tgt Ion:152 Resp: 319676

Ion Ratio Lower Upper

152 100

150 156.3 125.5 188.3

115 61.2 48.1 72.1



2-Fluorophenol

Concen: 140.710 ng

RT: 5.481 min Scan# 373

Delta R.T. -0.006 min

Lab File: BM039255.D

Acq: 31 Mar 2023 16:17

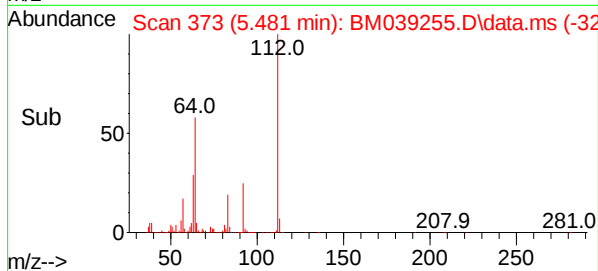
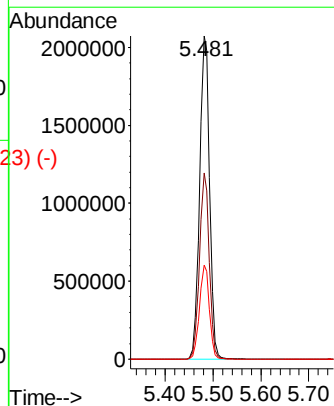
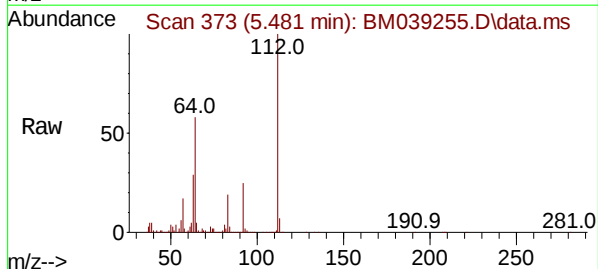
Tgt Ion:112 Resp: 2985639

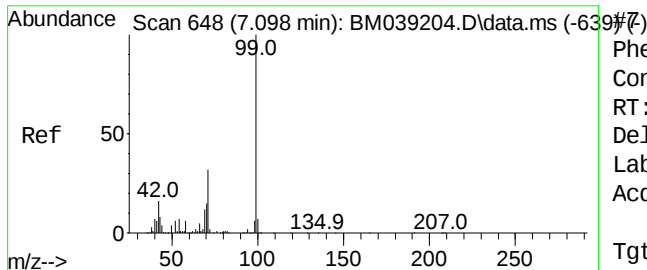
Ion Ratio Lower Upper

112 100

64 57.5 44.3 66.5

63 29.1 23.0 34.6





Phenol-d6

Concen: 134.411 ng

RT: 7.093 min Scan#

Delta R.T. -0.006 min

Lab File: BM039255.D

Acq: 31 Mar 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB151822BL

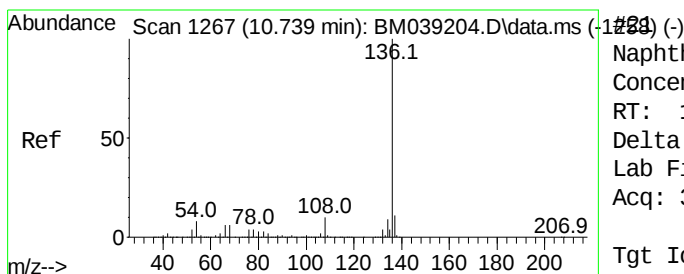
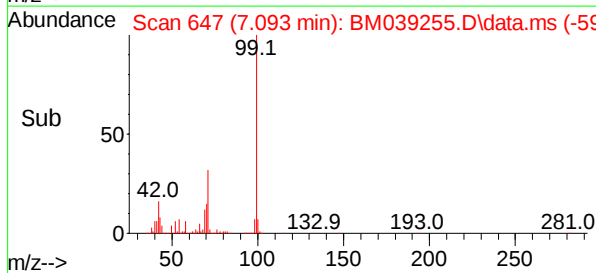
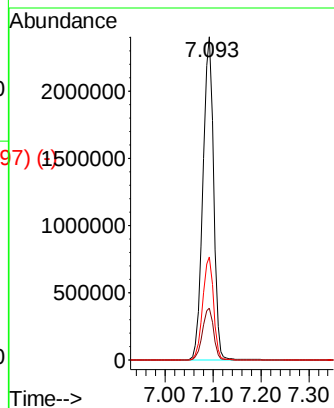
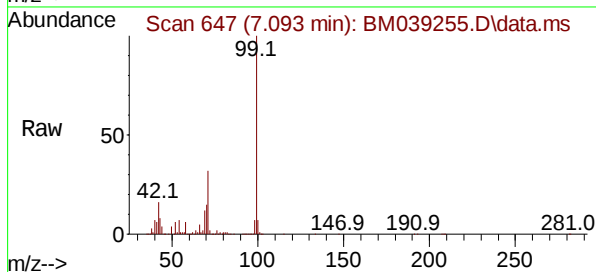
Tgt Ion: 99 Resp: 3688814

Ion Ratio Lower Upper

99 100

42 16.0 13.0 19.6

71 31.8 25.5 38.3



Naphthalene-d8

Concen: 20.000 ng

RT: 10.728 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM039255.D

Acq: 31 Mar 2023 16:17

Tgt Ion:136 Resp: 1251560

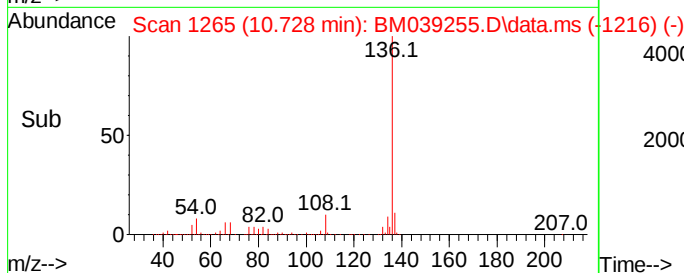
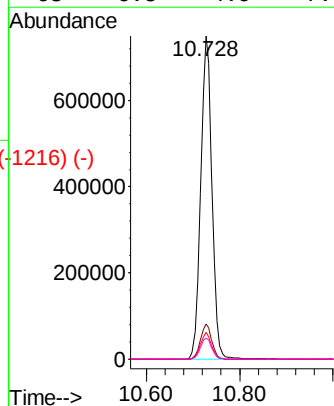
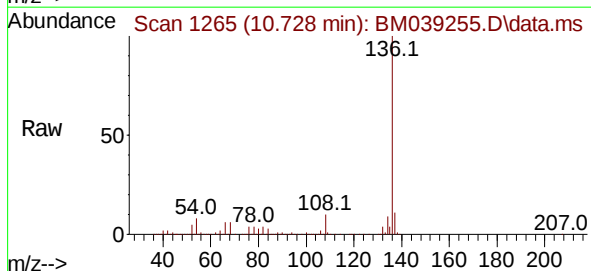
Ion Ratio Lower Upper

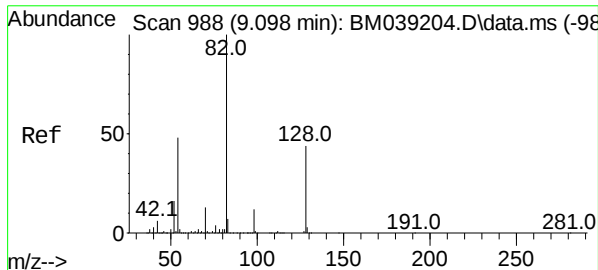
136 100

137 10.9 8.9 13.3

54 8.2 6.2 9.4

68 6.5 4.9 7.3





Nitrobenzene-d5

Concen: 88.404 ng

RT: 9.092 min Scan# 988

Delta R.T. -0.006 min

Lab File: BM039255.D

Acq: 31 Mar 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB151822BL

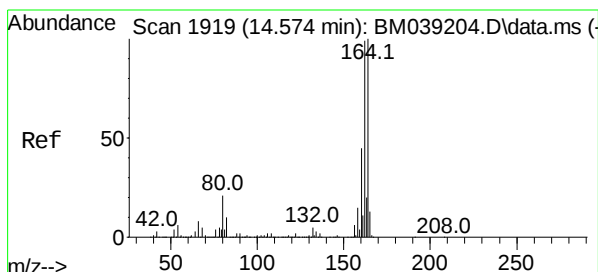
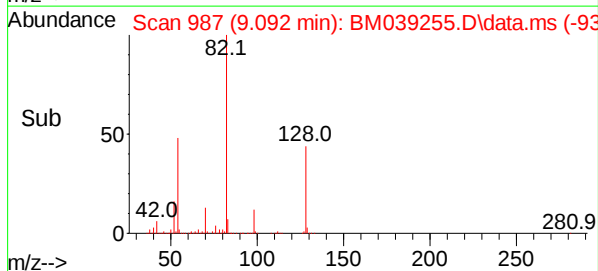
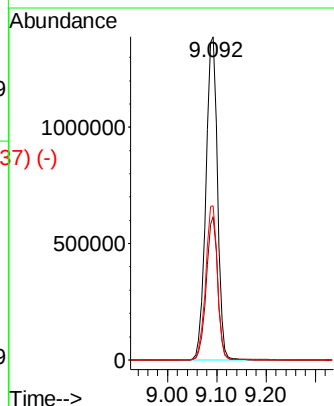
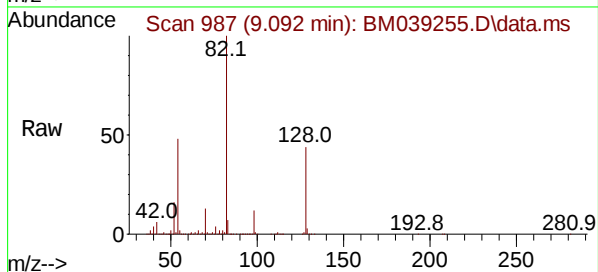
Tgt Ion: 82 Resp: 2276491

Ion Ratio Lower Upper

82 100

128 44.4 35.1 52.7

54 47.7 38.5 57.7



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

Delta R.T. -0.011 min

Lab File: BM039255.D

Acq: 31 Mar 2023 16:17

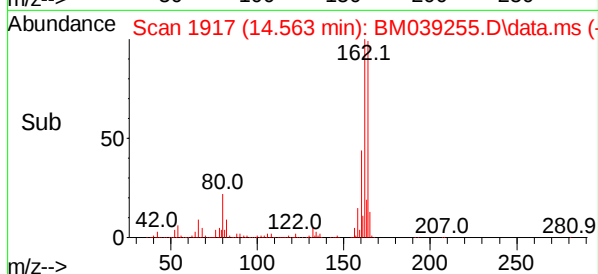
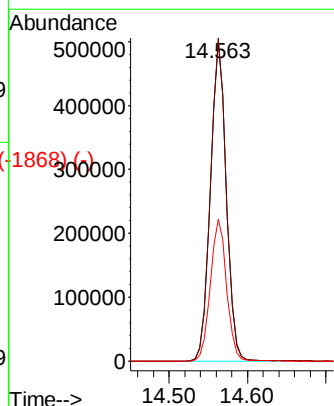
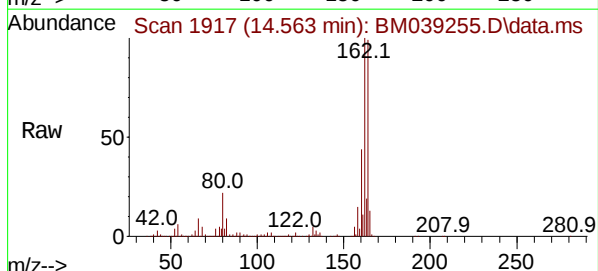
Tgt Ion: 164 Resp: 698518

Ion Ratio Lower Upper

164 100

162 101.5 79.1 118.7

160 44.7 35.8 53.8



Abundance Scan 2172 (16.063 min): BM039204.D\data.ms (-2172) (-)

2,4,6-Tribromophenol

Concen: 123.324 ng

RT: 16.057 min Scan# 1642

Delta R.T. -0.006 min

Lab File: BM039255.D

Acq: 31 Mar 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB151822BL

Tgt Ion:330 Resp: 1093511

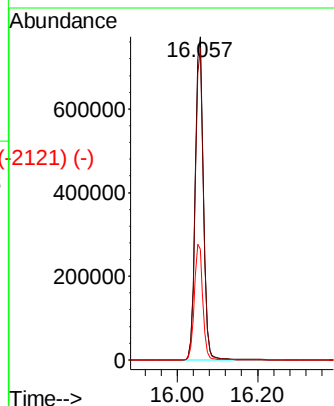
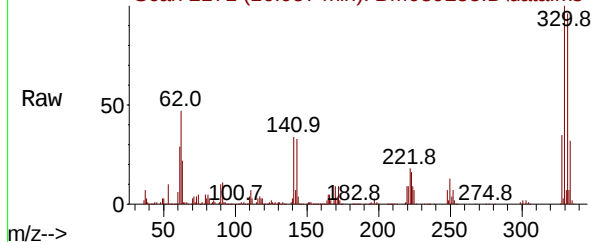
Ion Ratio Lower Upper

330 100

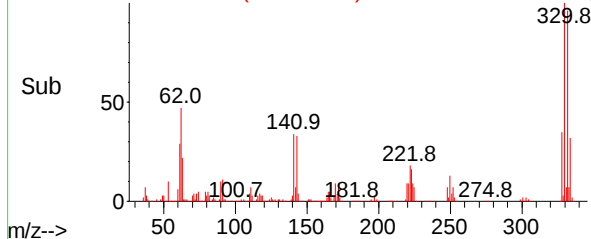
332 96.2 77.4 116.0

141 36.9 29.8 44.6

Abundance Scan 2171 (16.057 min): BM039255.D\data.ms



Abundance Scan 2171 (16.057 min): BM039255.D\data.ms (-2121) (-)



Abundance Scan 1685 (13.198 min): BM039204.D\data.ms (-1645) (-)

2-Fluorobiphenyl

Concen: 88.975 ng

RT: 13.192 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM039255.D

Acq: 31 Mar 2023 16:17

Tgt Ion:172 Resp: 4587067

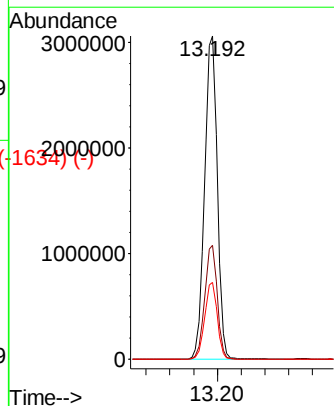
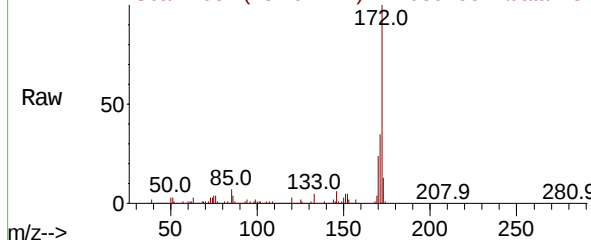
Ion Ratio Lower Upper

172 100

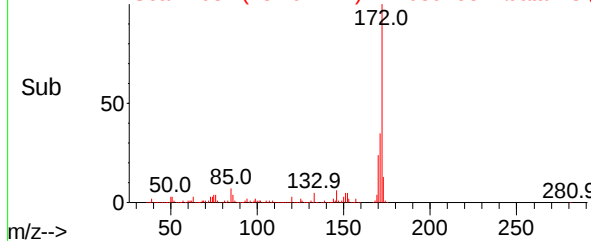
171 35.2 28.0 42.0

170 23.7 18.7 28.1

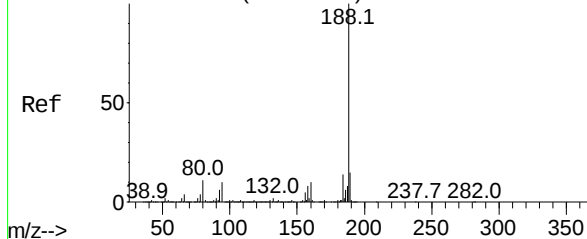
Abundance Scan 1684 (13.192 min): BM039255.D\data.ms



Abundance Scan 1684 (13.192 min): BM039255.D\data.ms (-1634) (-)



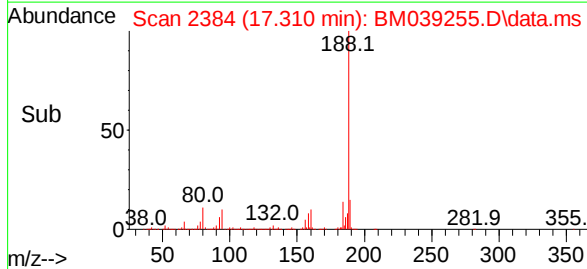
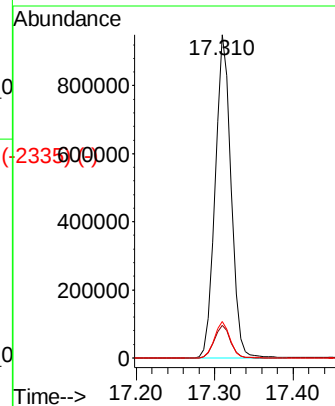
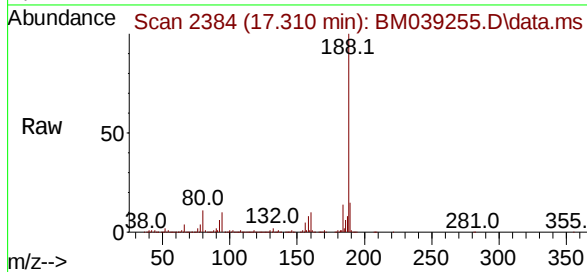
Abundance Scan 2386 (17.321 min): BM039204.D\data.ms (-364) (-)



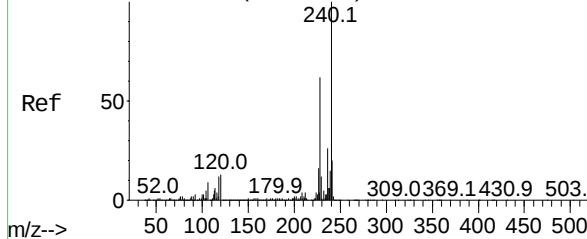
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BM039255.D
Acq: 31 Mar 2023 16:17

Instrument :
BNA_M
ClientSampleId :
PB151822BL

Tgt Ion:188 Resp: 1325993
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 11.2 8.9 13.3

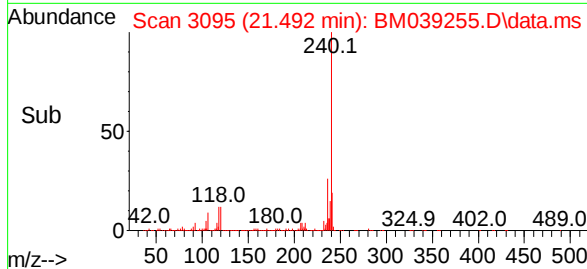
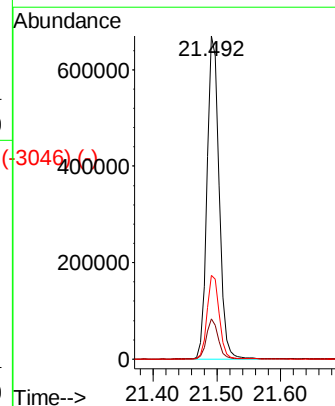
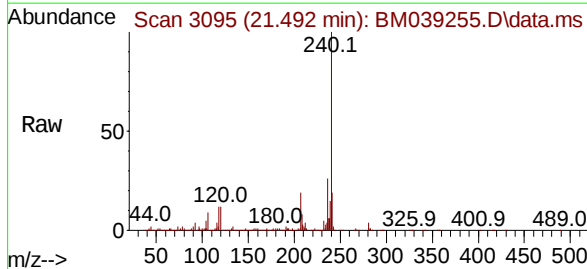


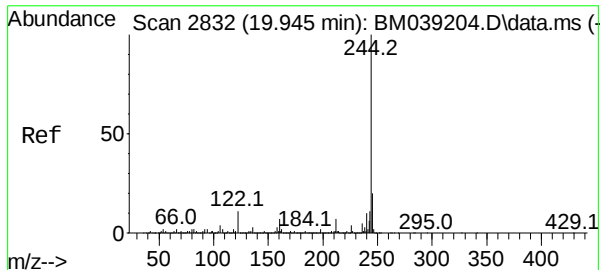
Abundance Scan 3097 (21.503 min): BM039204.D\data.ms (-3079) (-)



Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM039255.D
Acq: 31 Mar 2023 16:17

Tgt Ion:240 Resp: 877793
Ion Ratio Lower Upper
240 100
120 12.4 10.2 15.2
236 26.0 20.9 31.3

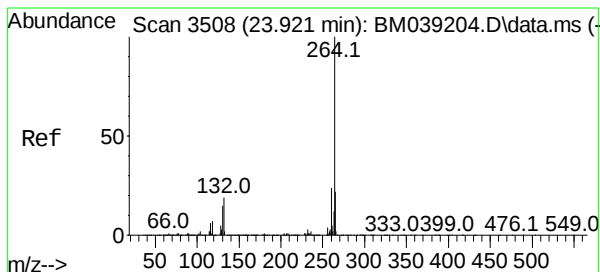
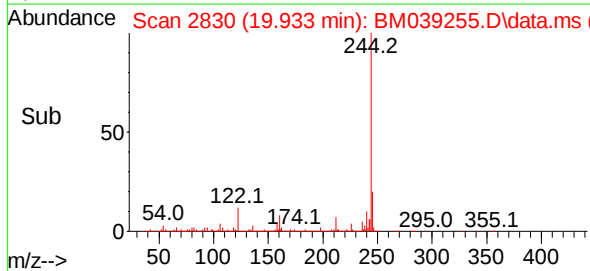
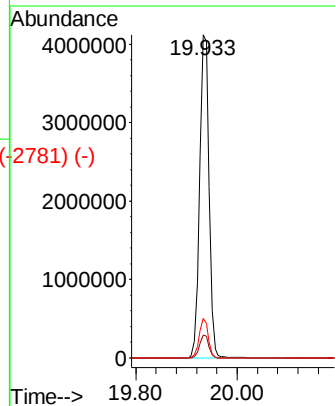
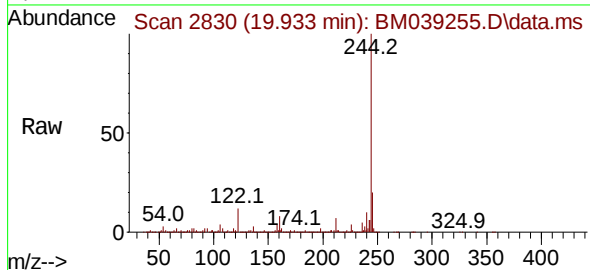




Terphenyl-d14
 Concen: 111.222 ng
 RT: 19.933 min Scan# 2879
 Delta R.T. -0.012 min
 Lab File: BM039255.D
 Acq: 31 Mar 2023 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB151822BL

Tgt Ion:244 Resp: 5284254
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.3 9.1 13.7



Perylene-d12
 Concen: 20.000 ng
 RT: 23.903 min Scan# 3505
 Delta R.T. -0.018 min
 Lab File: BM039255.D
 Acq: 31 Mar 2023 16:17

Tgt Ion:264 Resp: 846624
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.3 18.1 27.1

