

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039250.D
 Acq On : 31 Mar 2023 13:08
 Operator : CG/JU
 Sample : 02113-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200058

Quant Time: Mar 31 16:53:05 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	225802	20.000	ng	-0.01
21) Naphthalene-d8	10.727	136	944048	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	602719	20.000	ng	-0.01
64) Phenanthrene-d10	17.309	188	1362230	20.000	ng	-0.01
76) Chrysene-d12	21.497	240	1412121	20.000	ng	0.00
86) Perylene-d12	23.909	264	1650975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	335527	22.387	ng	-0.01
7) Phenol-d6	7.087	99	1082153	55.824	ng	-0.01
23) Nitrobenzene-d5	9.086	82	1065887	54.875	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	63831	8.343	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	2427619	54.573	ng	-0.01
79) Terphenyl-d14	19.939	244	4328060	56.626	ng	0.00

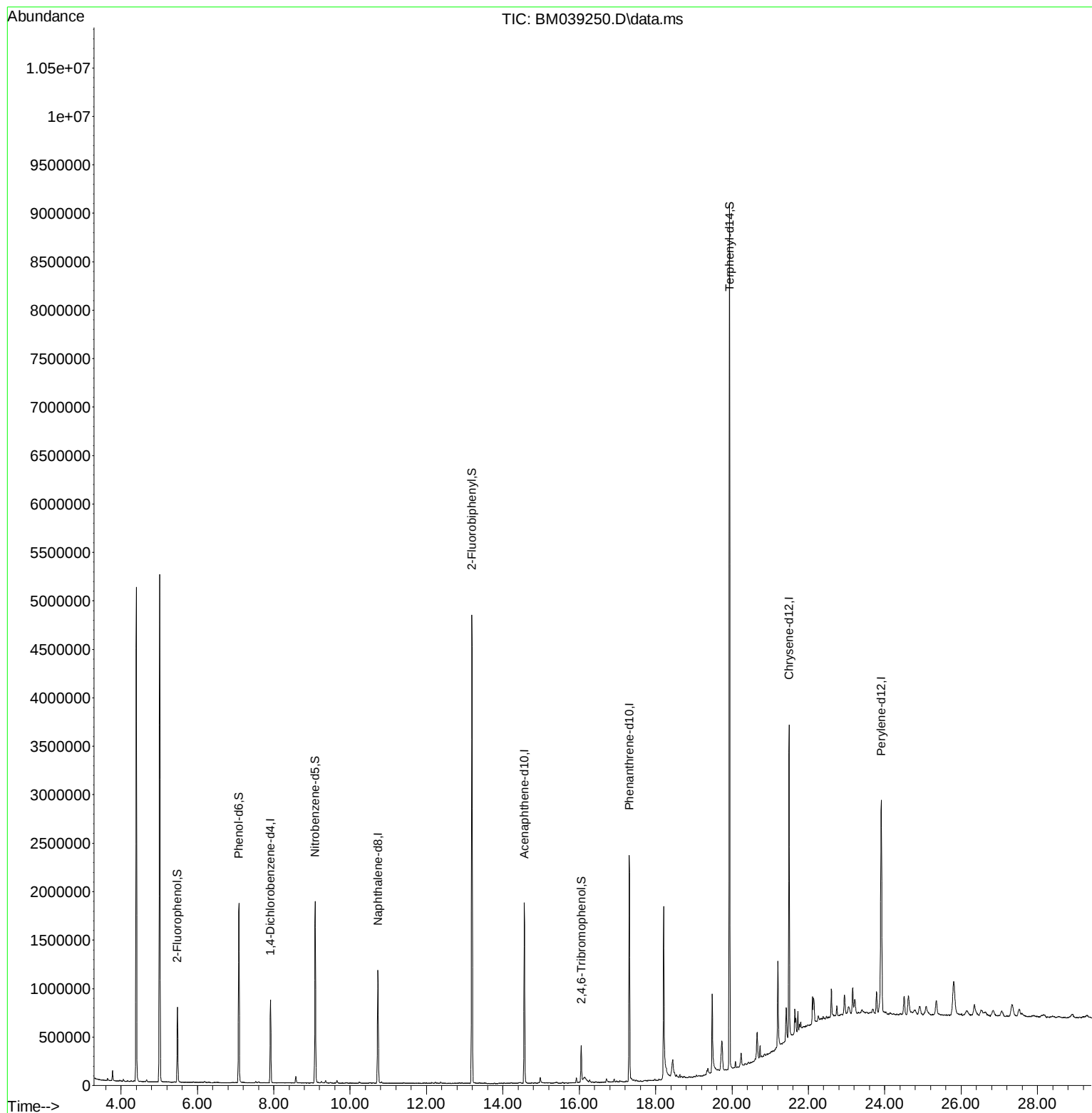
Target Compounds Qvalue

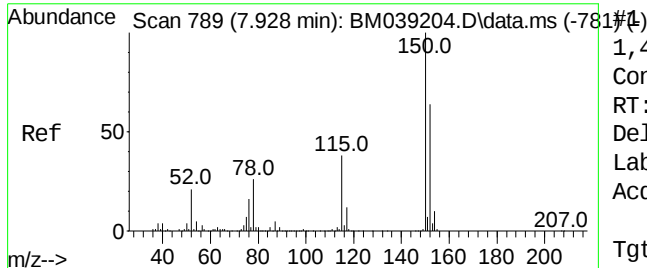
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.916 min Scan#

Delta R.T. -0.012 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Instrument :

BNA_M

ClientSampleId :

RBR-200058

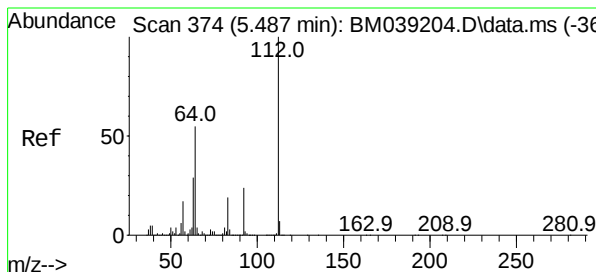
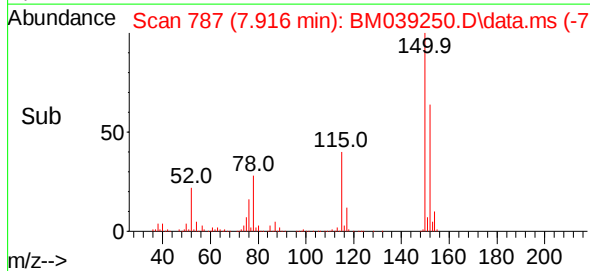
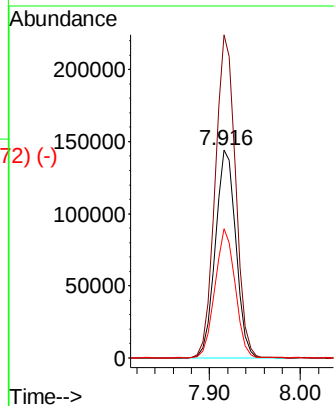
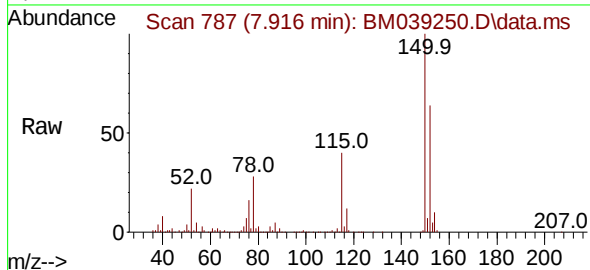
Tgt Ion:152 Resp: 225802

Ion Ratio Lower Upper

152 100

150 155.2 125.5 188.3

115 62.0 48.1 72.1



2-Fluorophenol

Concen: 22.387 ng

RT: 5.475 min Scan# 372

Delta R.T. -0.012 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

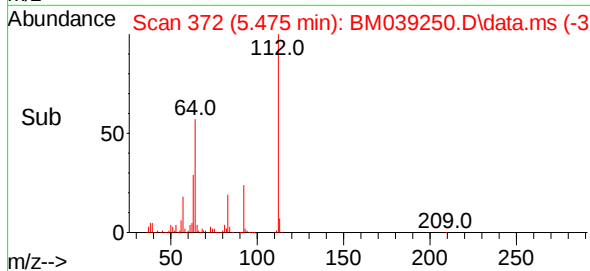
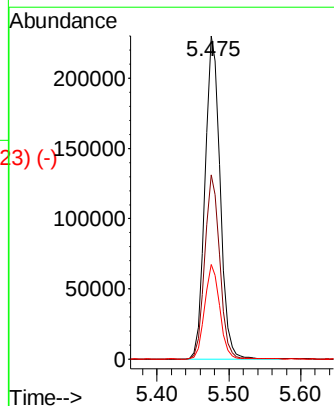
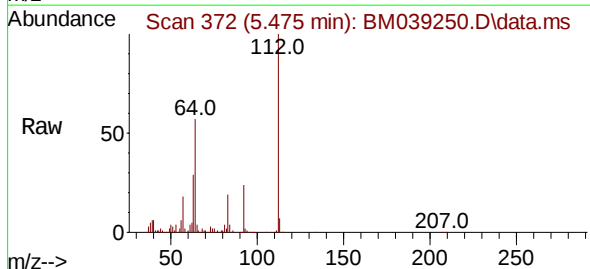
Tgt Ion:112 Resp: 335527

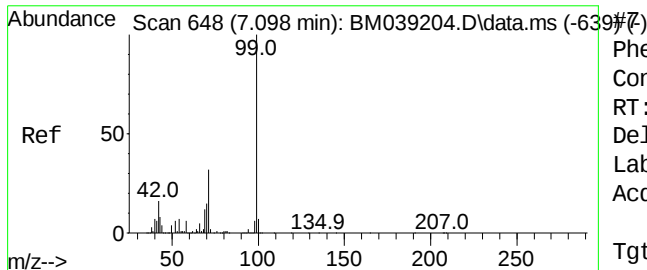
Ion Ratio Lower Upper

112 100

64 57.0 44.3 66.5

63 29.3 23.0 34.6





Phenol-d6

Concen: 55.824 ng

RT: 7.087 min Scan#

Delta R.T. -0.012 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Instrument :

BNA_M

ClientSampleId :

RBR-200058

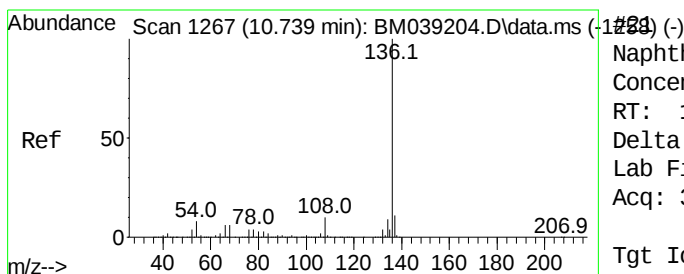
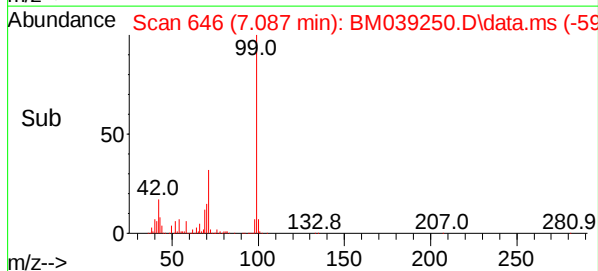
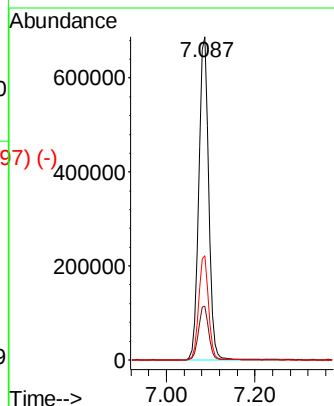
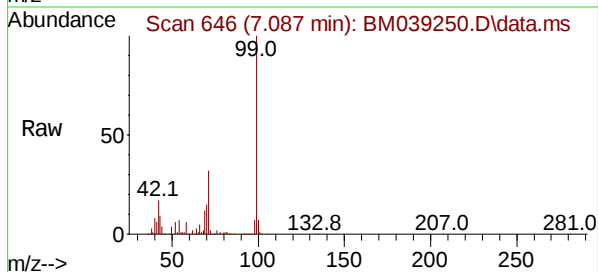
Tgt Ion: 99 Resp: 1082153

Ion Ratio Lower Upper

99 100

42 16.6 13.0 19.6

71 32.2 25.5 38.3



Naphthalene-d8

Concen: 20.000 ng

RT: 10.727 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Tgt Ion: 136 Resp: 944048

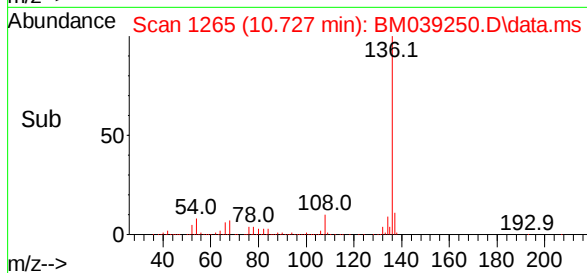
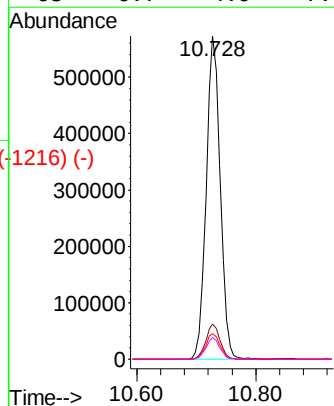
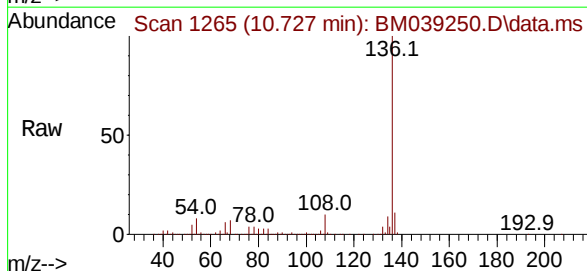
Ion Ratio Lower Upper

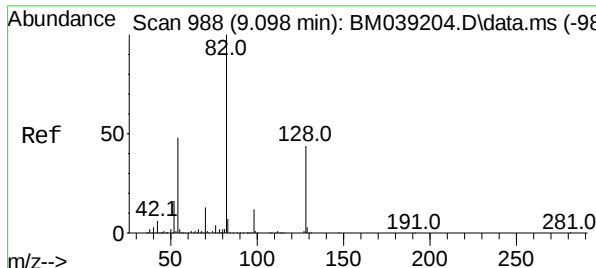
136 100

137 10.9 8.9 13.3

54 7.9 6.2 9.4

68 6.7 4.9 7.3

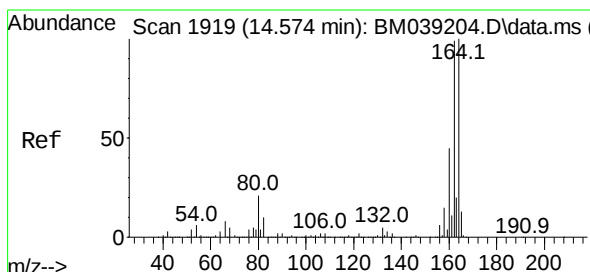
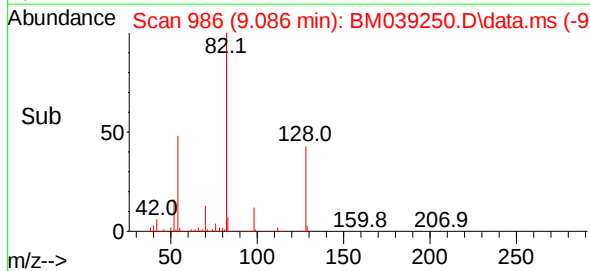
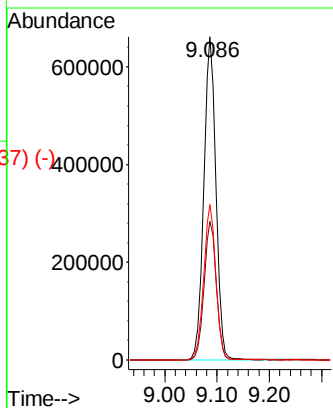
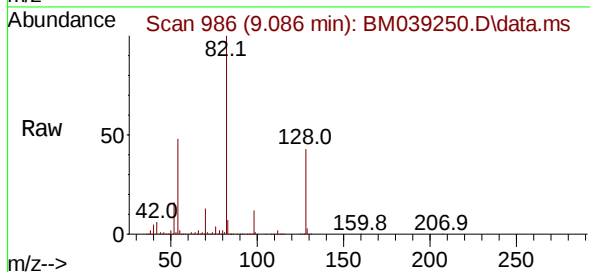




Nitrobenzene-d5
 Concen: 54.875 ng
 RT: 9.086 min Scan# 988
 Delta R.T. -0.012 min
 Lab File: BM039250.D
 Acq: 31 Mar 2023 13:08

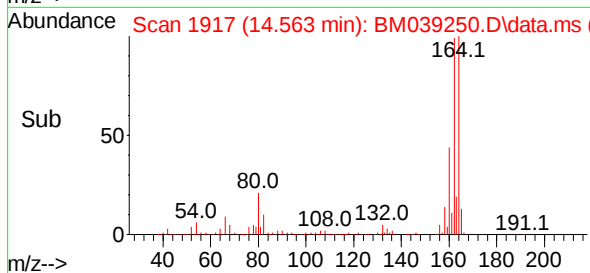
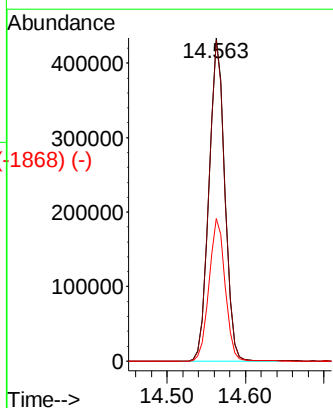
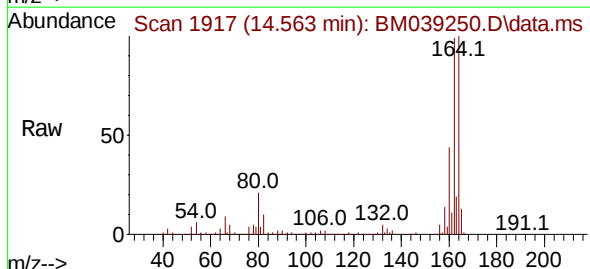
Instrument :
 BNA_M
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 RBR-200058

Tgt Ion:	82	Resp:	1065887
Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.1	52.7
54	48.1	38.5	57.7



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.563 min Scan# 1917
 Delta R.T. -0.011 min
 Lab File: BM039250.D
 Acq: 31 Mar 2023 13:08

Tgt Ion:	164	Resp:	602719
Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.1	118.7
160	44.2	35.8	53.8



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

2,4,6-Tribromophenol

Concen: 8.343 ng

RT: 16.057 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Instrument :

BNA_M

ClientSampleId :

RBR-200058

Tgt Ion:330 Resp: 63831

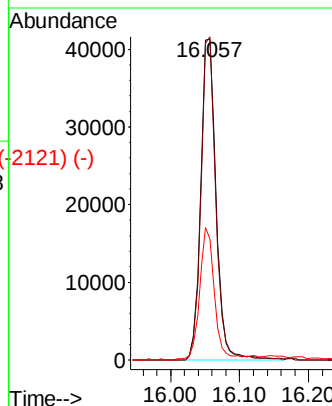
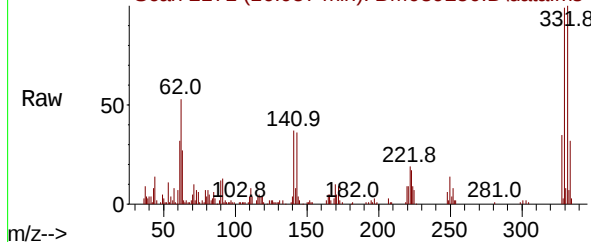
Ion Ratio Lower Upper

330 100

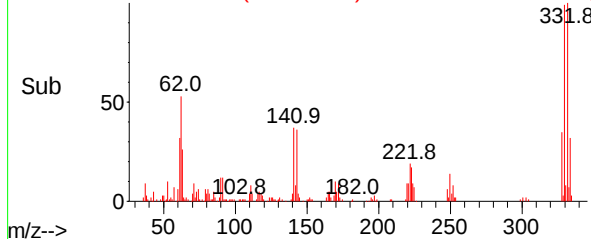
332 97.3 77.4 116.0

141 40.0 29.8 44.6

Abundance Scan 2171 (16.057 min): BM039250.D\data.ms



Abundance Scan 2171 (16.057 min): BM039250.D\data.ms (-2121) (-)



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

2-Fluorobiphenyl

Concen: 54.573 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Tgt Ion:172 Resp: 2427619

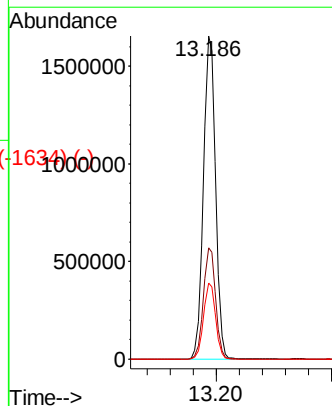
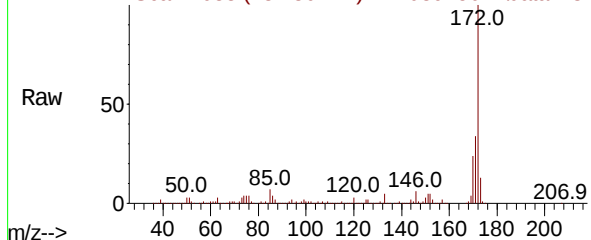
Ion Ratio Lower Upper

172 100

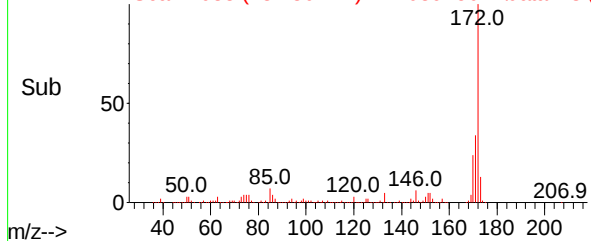
171 34.5 28.0 42.0

170 23.6 18.7 28.1

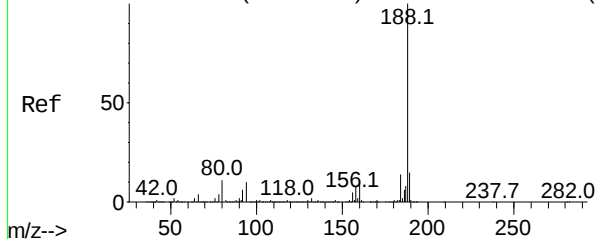
Abundance Scan 1683 (13.186 min): BM039250.D\data.ms



Abundance Scan 1683 (13.186 min): BM039250.D\data.ms (-1634) (-)



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



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2384

Delta R.T. -0.012 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Instrument :

BNA_M

ClientSampleId :

RBR-200058

Tgt Ion:188 Resp: 1362230

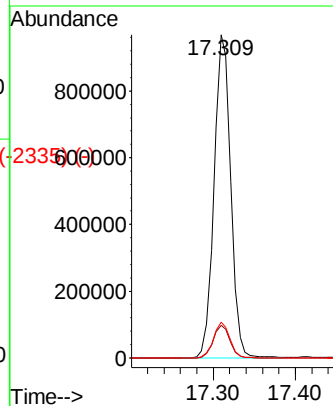
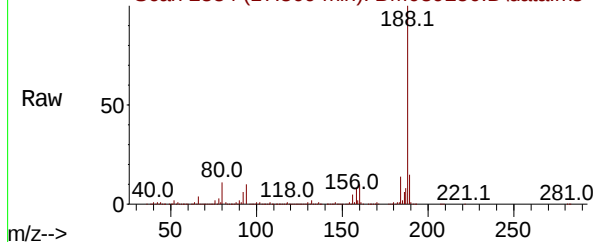
Ion Ratio Lower Upper

188 100

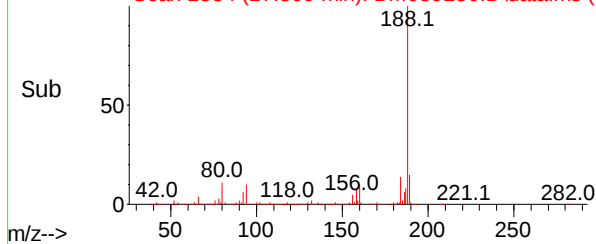
94 10.1 8.2 12.4

80 11.0 8.9 13.3

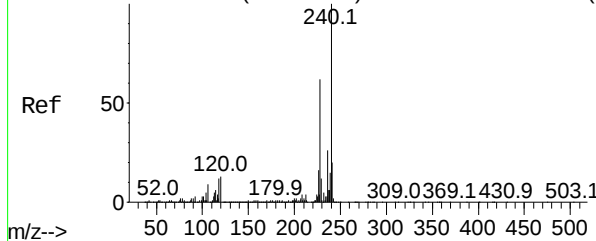
Abundance Scan 2384 (17.309 min): BM039250.D\data.ms



Abundance Scan 2384 (17.309 min): BM039250.D\data.ms (-2384) (-)



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



Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Tgt Ion:240 Resp: 1412121

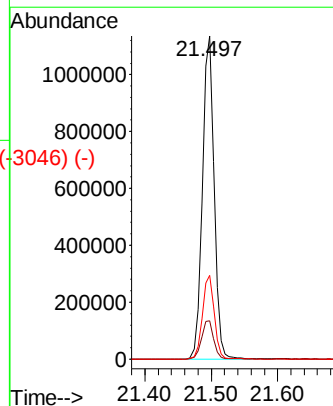
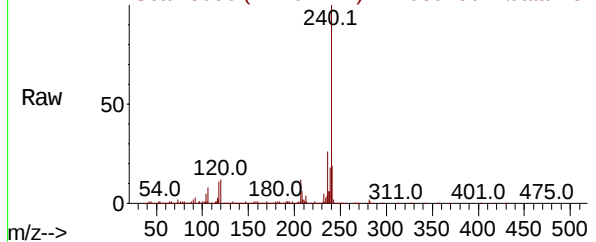
Ion Ratio Lower Upper

240 100

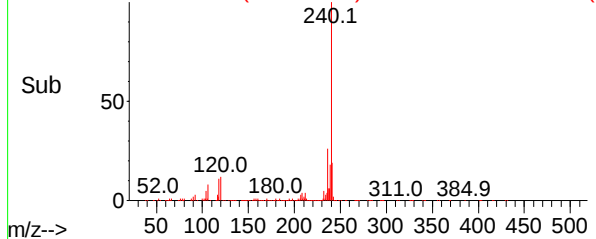
120 11.9 10.2 15.2

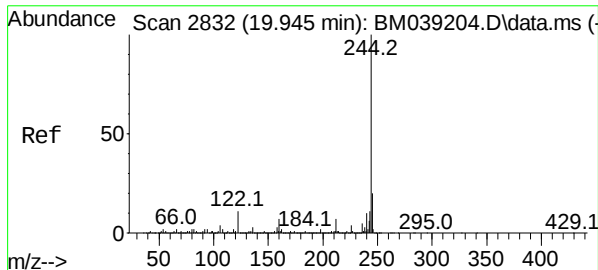
236 26.0 20.9 31.3

Abundance Scan 3096 (21.497 min): BM039250.D\data.ms



Abundance Scan 3096 (21.497 min): BM039250.D\data.ms (-3046) (-)





Terphenyl-d14

Concen: 56.626 ng

RT: 19.939 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

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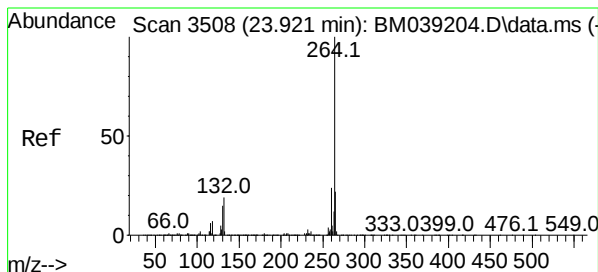
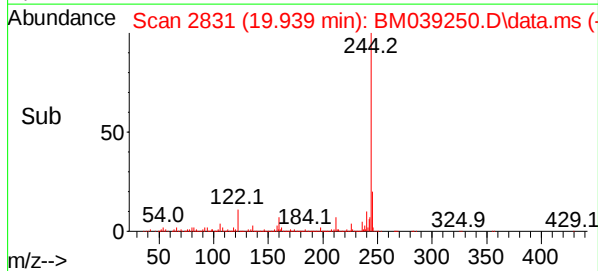
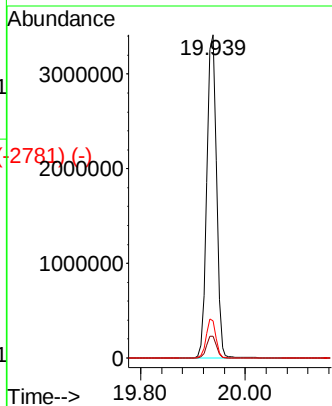
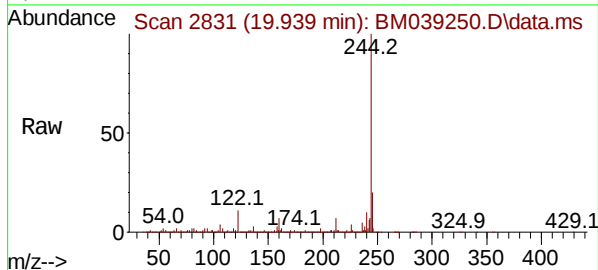
Tgt Ion:244 Resp: 4328060

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.4 9.1 13.7



Perylene-d12

Concen: 20.000 ng

RT: 23.909 min Scan# 3506

Delta R.T. -0.012 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Tgt Ion:264 Resp: 1650975

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.7 18.1 27.1

