

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039247.D
 Acq On : 31 Mar 2023 11:08
 Operator : CG/JU
 Sample : PB151761BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151761BL

Quant Time: Mar 31 16:51:50 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	210481	20.000	ng	-0.01
21) Naphthalene-d8	10.728	136	830020	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	465042	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	941757	20.000	ng	-0.01
76) Chrysene-d12	21.492	240	755088	20.000	ng	-0.01
86) Perylene-d12	23.903	264	819722	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1973998	141.297	ng	0.00
7) Phenol-d6	7.087	99	2466888	136.520	ng	-0.01
23) Nitrobenzene-d5	9.087	82	1490413	87.272	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	736853	124.821	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3028147	88.226	ng	-0.01
79) Terphenyl-d14	19.933	244	4086164	99.981	ng	-0.01

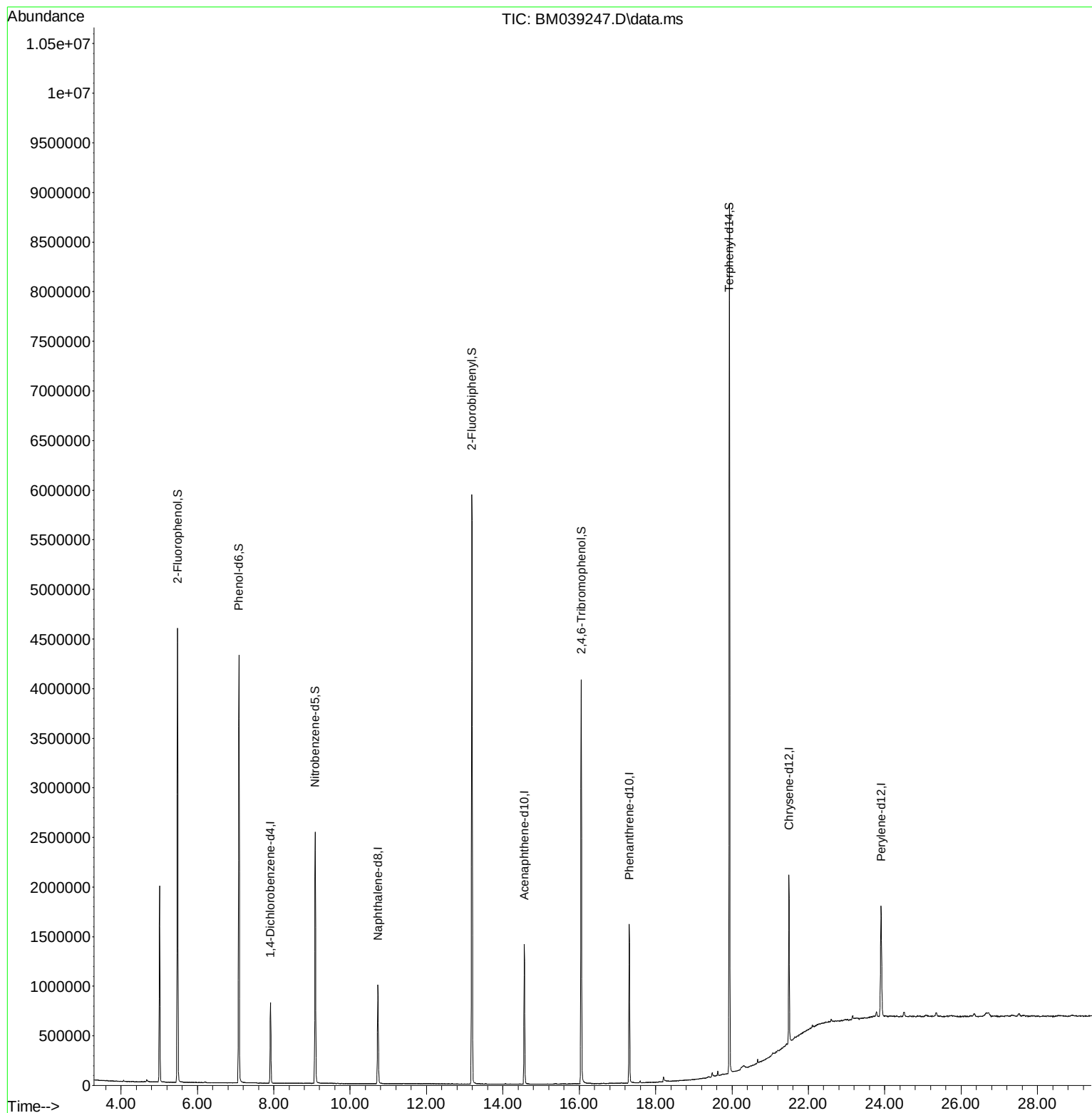
Target Compounds	Qvalue

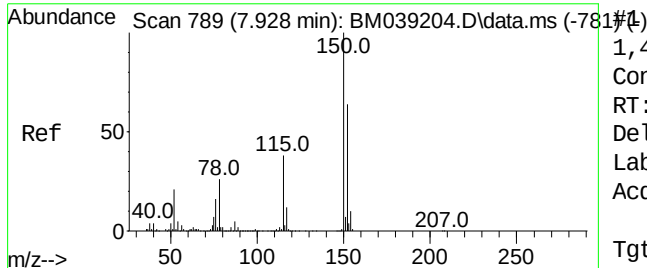
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM039247.D

Acq: 31 Mar 2023 11:08

Instrument :

BNA_M

ClientSampleId :

PB151761BL

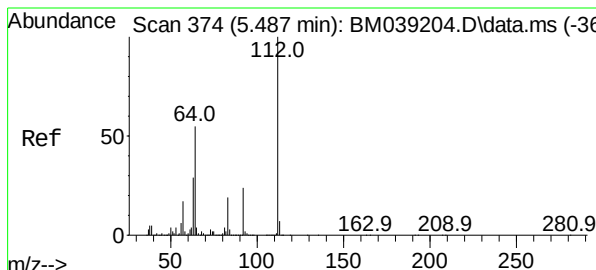
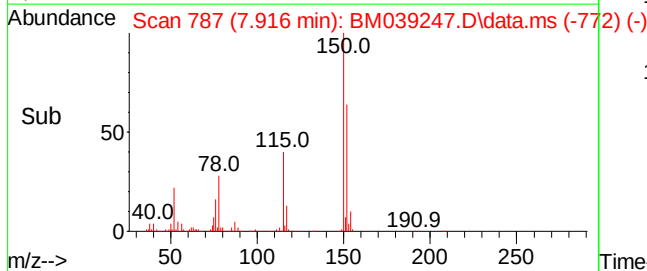
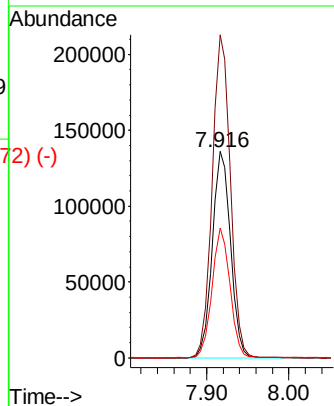
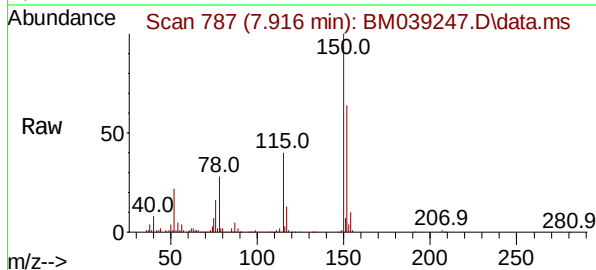
Tgt Ion:152 Resp: 210481

Ion Ratio Lower Upper

152 100

150 156.4 125.5 188.3

115 62.9 48.1 72.1



2-Fluorophenol

Concen: 141.297 ng

RT: 5.481 min Scan# 373

Delta R.T. -0.006 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

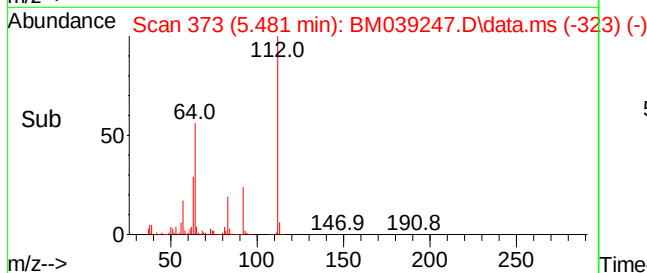
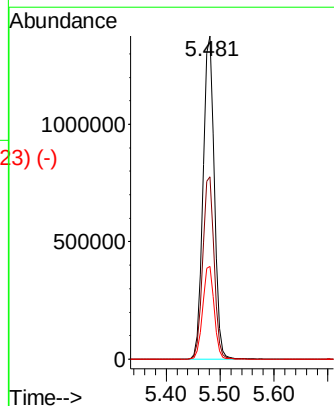
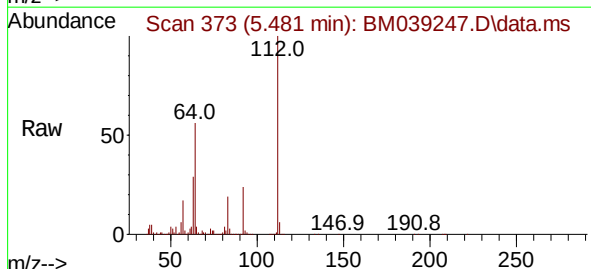
Tgt Ion:112 Resp: 1973998

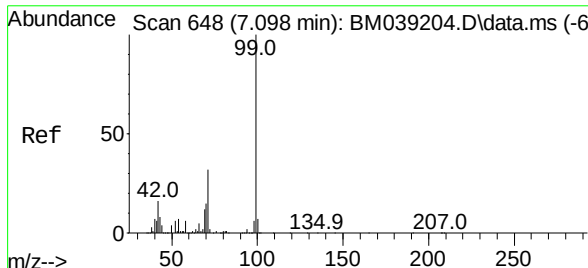
Ion Ratio Lower Upper

112 100

64 56.4 44.3 66.5

63 28.8 23.0 34.6



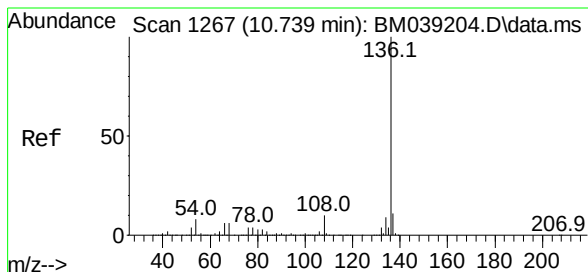
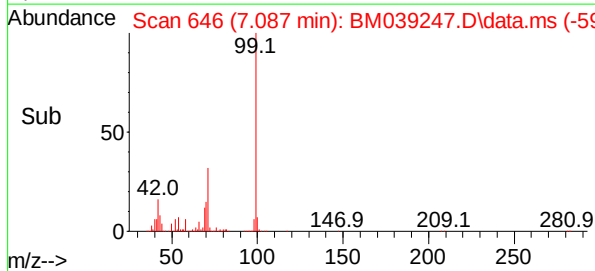
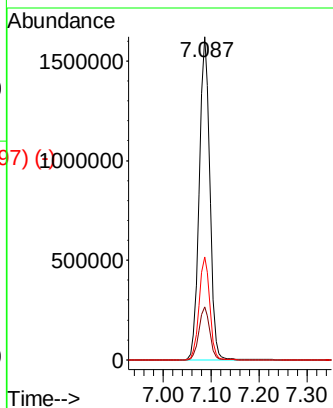
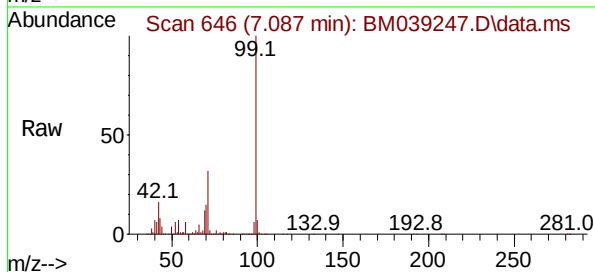


Phenol-d6
 Concen: 136.520 ng
 RT: 7.087 min Scan# 646
 Delta R.T. -0.012 min
 Lab File: BM039247.D
 Acq: 31 Mar 2023 11:08

Instrument :
 BNA_M
 ClientSampleId :
 PB151761BL

Tgt Ion: 99 Resp: 2466888

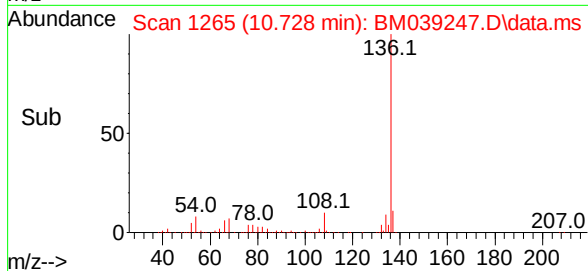
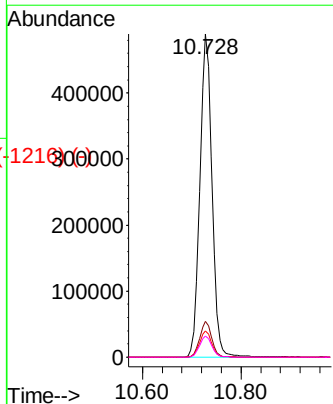
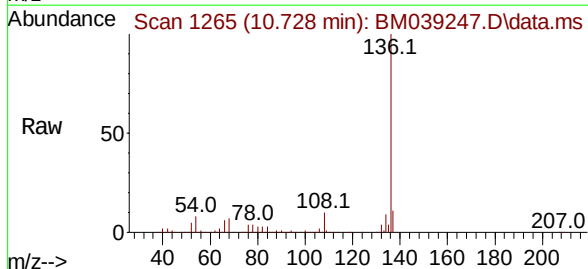
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.6
71	31.8	25.5	38.3

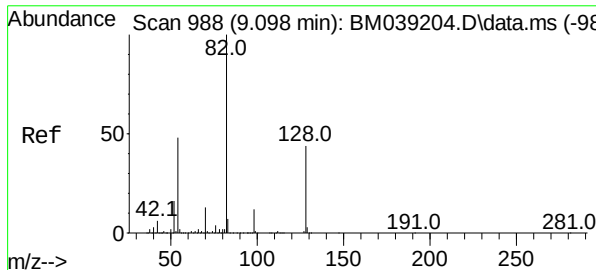


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.728 min Scan# 1265
 Delta R.T. -0.012 min
 Lab File: BM039247.D
 Acq: 31 Mar 2023 11:08

Tgt Ion: 136 Resp: 830020

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.2	9.4
68	6.5	4.9	7.3





Nitrobenzene-d5

Concen: 87.272 ng

RT: 9.087 min Scan# 986

Delta R.T. -0.012 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

Instrument :

BNA_M

ClientSampleId :

PB151761BL

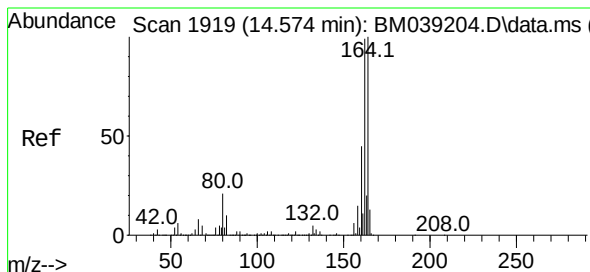
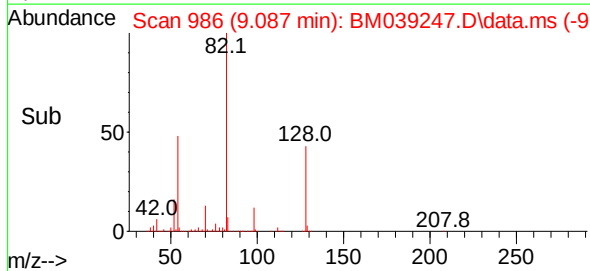
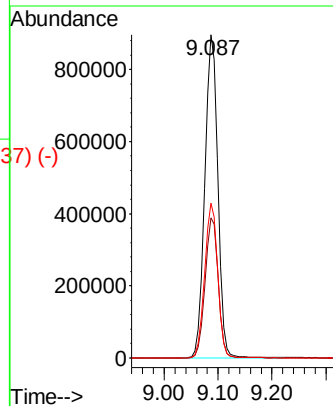
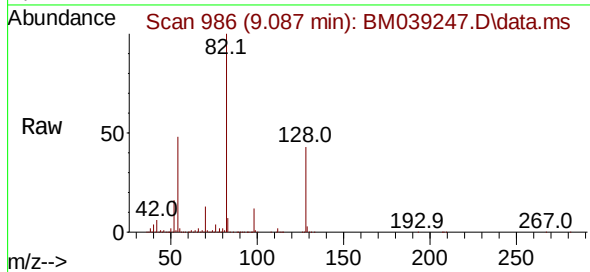
Tgt Ion: 82 Resp: 1490413

Ion Ratio Lower Upper

82 100

128 43.4 35.1 52.7

54 47.9 38.5 57.7



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

Delta R.T. -0.011 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

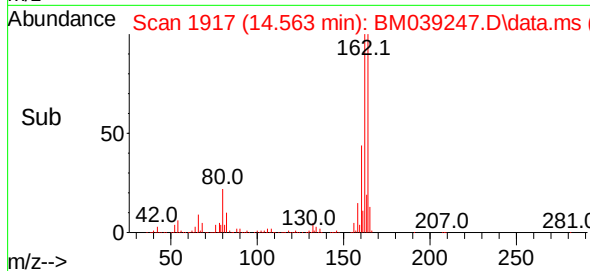
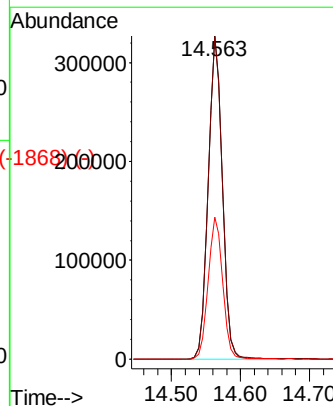
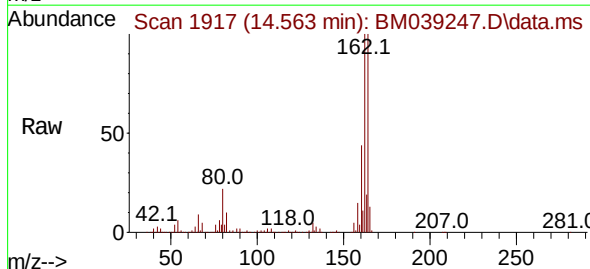
Tgt Ion:164 Resp: 465042

Ion Ratio Lower Upper

164 100

162 99.7 79.1 118.7

160 44.0 35.8 53.8



Abundance Scan 2172 (16.063 min): BM039204.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 124.821 ng

RT: 16.057 min Scan# 1642

Delta R.T. -0.006 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

Instrument :

BNA_M

ClientSampleId :

PB151761BL

Tgt Ion:330 Resp: 736853

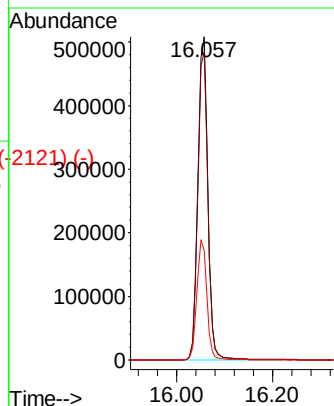
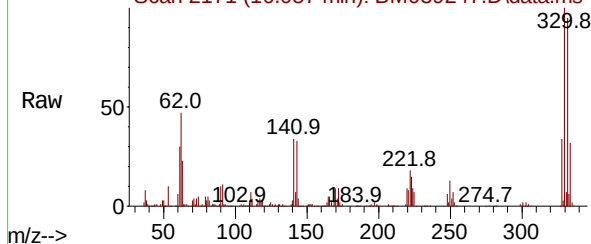
Ion Ratio Lower Upper

330 100

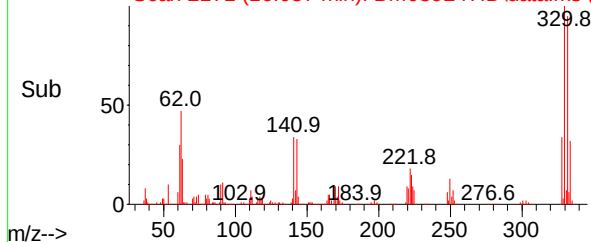
332 96.0 77.4 116.0

141 37.1 29.8 44.6

Abundance Scan 2171 (16.057 min): BM039247.D\data.ms



Abundance Scan 2171 (16.057 min): BM039247.D\data.ms (-2121) (-)



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

2-Fluorobiphenyl

Concen: 88.226 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

Tgt Ion:172 Resp: 3028147

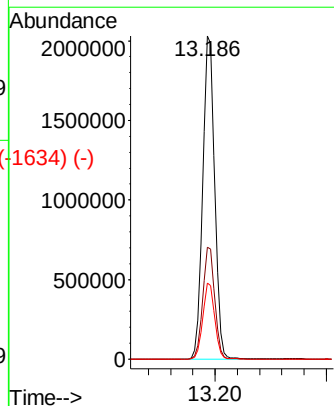
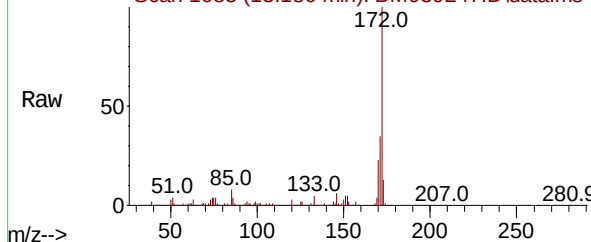
Ion Ratio Lower Upper

172 100

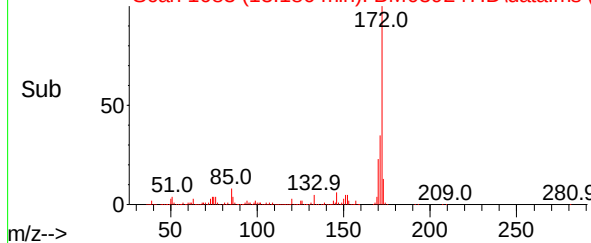
171 34.7 28.0 42.0

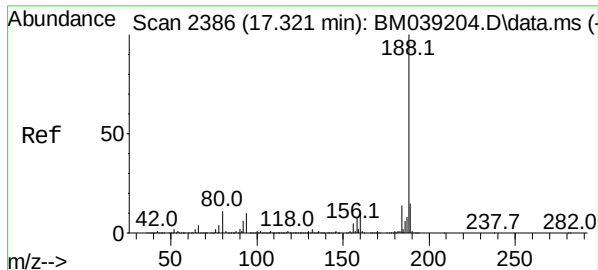
170 23.5 18.7 28.1

Abundance Scan 1683 (13.186 min): BM039247.D\data.ms



Abundance Scan 1683 (13.186 min): BM039247.D\data.ms (-1634) (-)





Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2384

Delta R.T. -0.012 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

Instrument :

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PB151761BL

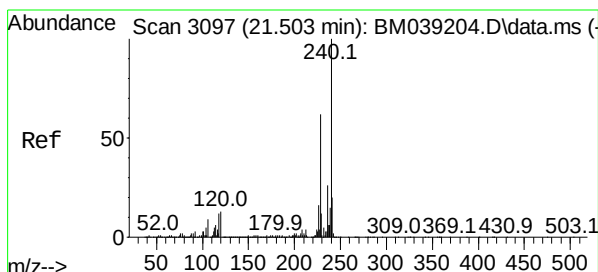
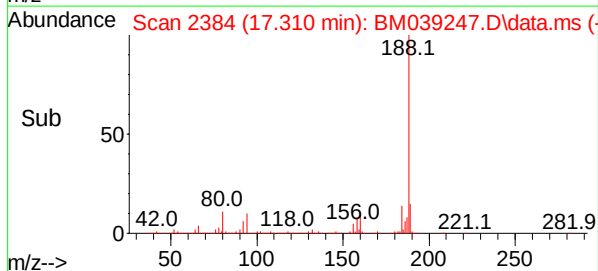
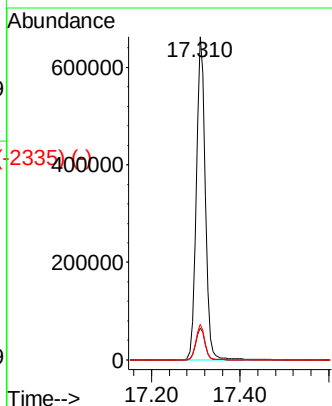
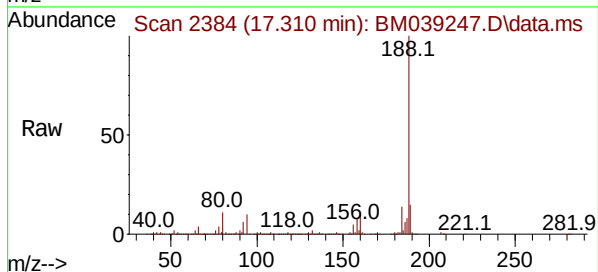
Tgt Ion:188 Resp: 941757

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 11.1 8.9 13.3



Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

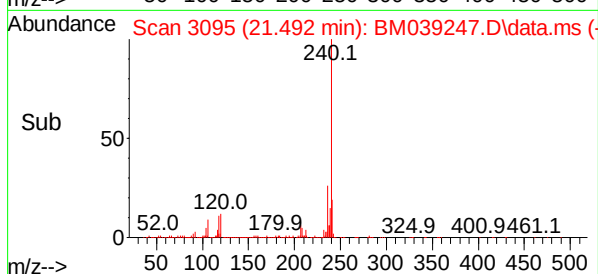
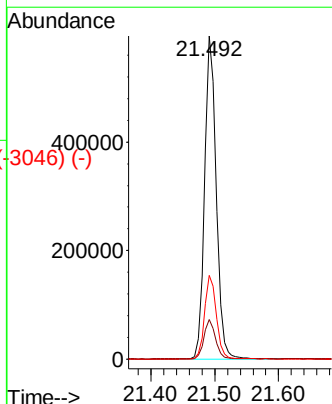
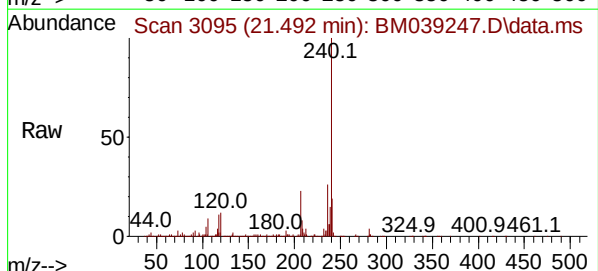
Tgt Ion:240 Resp: 755088

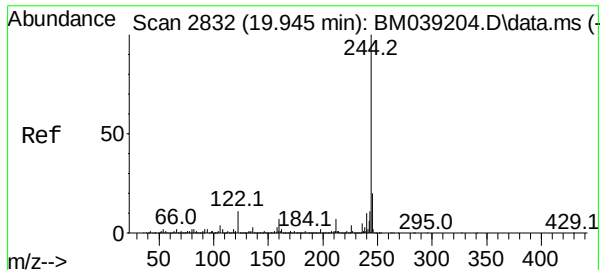
Ion Ratio Lower Upper

240 100

120 12.3 10.2 15.2

236 25.8 20.9 31.3



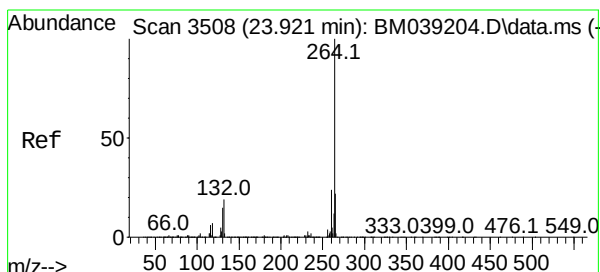
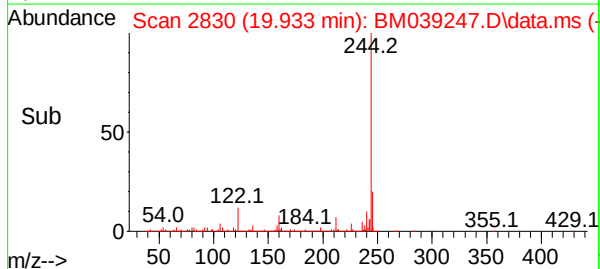
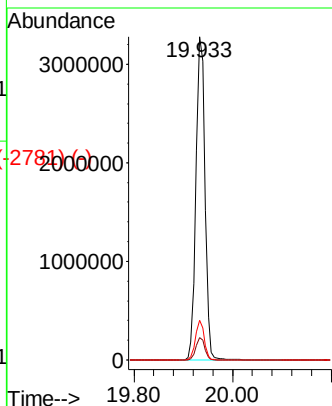
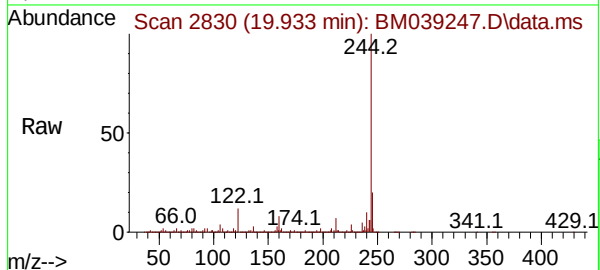


Terphenyl-d14
 Concen: 99.981 ng
 RT: 19.933 min Scan# 2879
 Delta R.T. -0.012 min
 Lab File: BM039247.D
 Acq: 31 Mar 2023 11:08

Instrument :
 BNA_M
 ClientSampleId :
 PB151761BL

Tgt Ion:244 Resp: 4086164

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.2	9.1	13.7



Perylene-d12
 Concen: 20.000 ng
 RT: 23.903 min Scan# 3505
 Delta R.T. -0.018 min
 Lab File: BM039247.D
 Acq: 31 Mar 2023 11:08

Tgt Ion:264 Resp: 819722

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	22.5	18.1	27.1

