

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039220.D
 Acq On : 30 Mar 2023 09:58
 Operator : CG/JU
 Sample : PB151693BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151693BL

Quant Time: Mar 30 11:10:51 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	7.922	152	260867	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	995653	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	540565	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1052761	20.000	ng	0.00
76) Chrysene-d12	21.498	240	883002	20.000	ng	0.00
86) Perylene-d12	23.915	264	999823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2447785	141.369	ng	0.00
7) Phenol-d6	7.093	99	2953859	131.895	ng	0.00
23) Nitrobenzene-d5	9.093	82	1783767	87.074	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	831525	121.179	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3564577	89.345	ng	0.00
79) Terphenyl-d14	19.939	244	4685855	98.045	ng	0.00

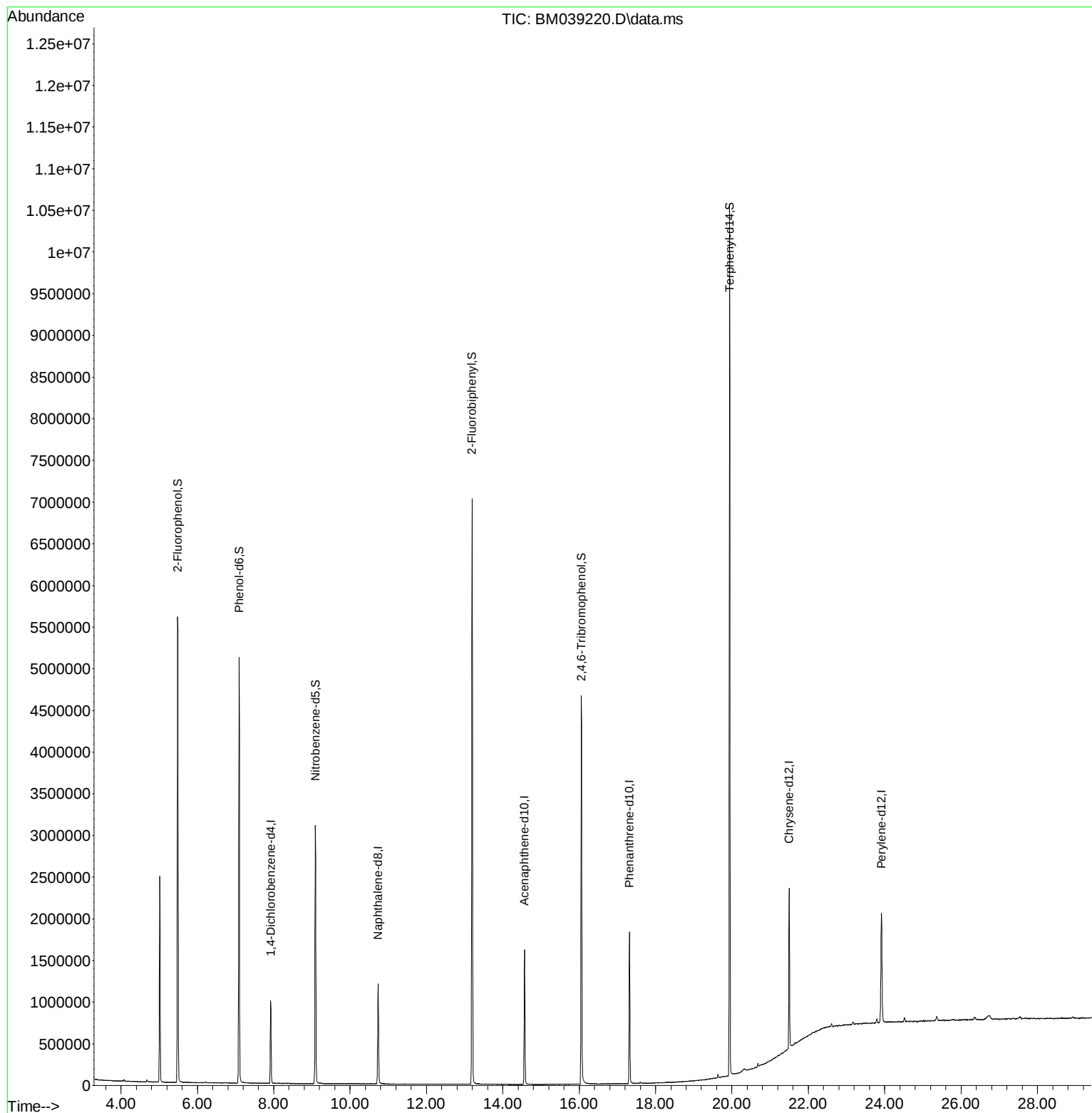
Target Compounds	Qvalue
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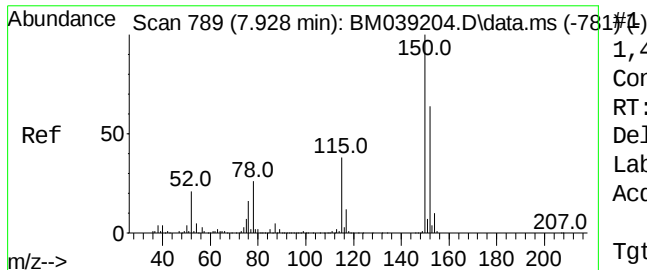
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.922 min Scan#

Delta R.T. -0.006 min

Lab File: BM039220.D

Acq: 30 Mar 2023 09:58

Instrument :

BNA_M

ClientSampleId :

PB151693BL

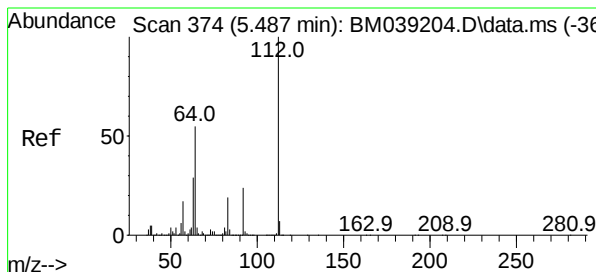
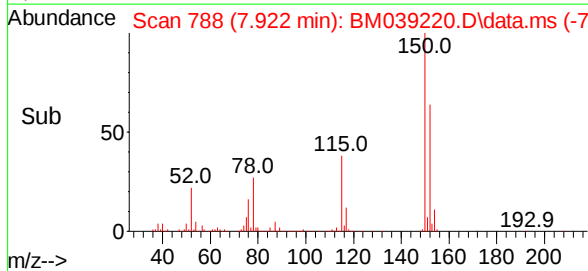
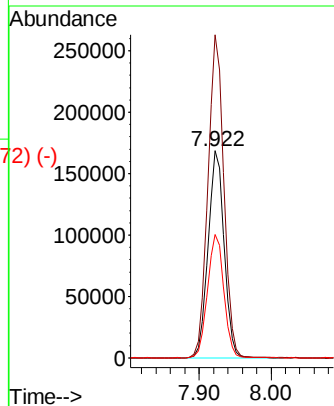
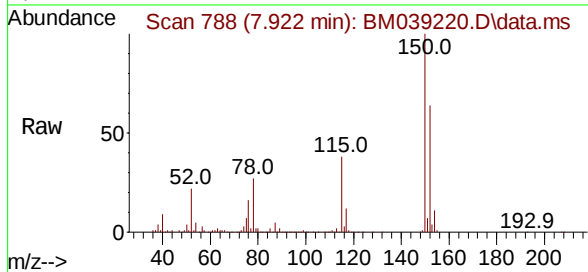
Tgt Ion:152 Resp: 260867

Ion Ratio Lower Upper

152 100

150 156.1 125.5 188.3

115 59.6 48.1 72.1



2-Fluorophenol

Concen: 141.369 ng

RT: 5.481 min Scan# 373

Delta R.T. -0.006 min

Lab File: BM039220.D

Acq: 30 Mar 2023 09:58

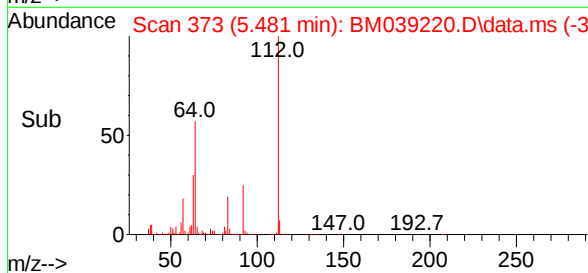
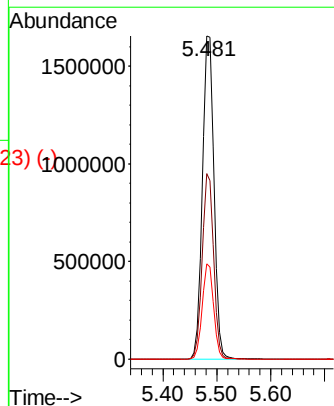
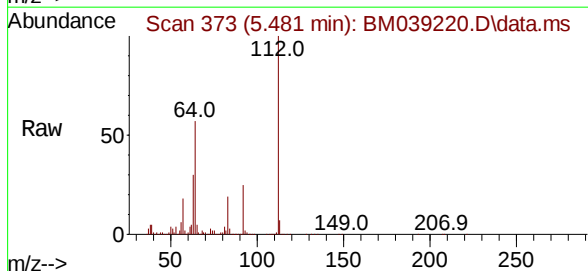
Tgt Ion:112 Resp: 2447785

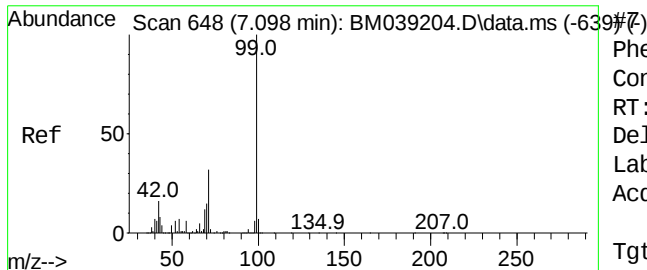
Ion Ratio Lower Upper

112 100

64 57.4 44.3 66.5

63 29.5 23.0 34.6



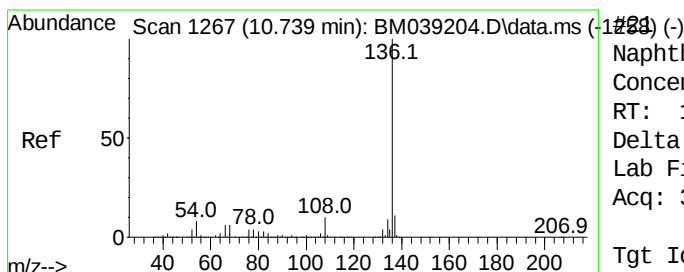
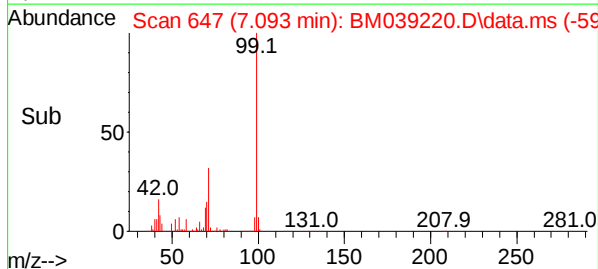
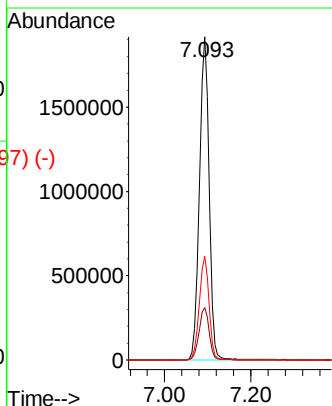
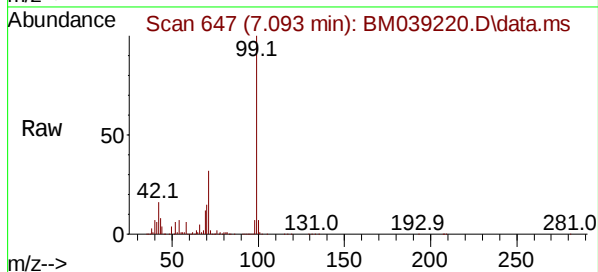


Phenol-d6
 Concen: 131.895 ng
 RT: 7.093 min Scan# 647
 Delta R.T. -0.006 min
 Lab File: BM039220.D
 Acq: 30 Mar 2023 09:58

Instrument :
 BNA_M
 ClientSampleId :
 PB151693BL

Tgt Ion: 99 Resp: 2953859

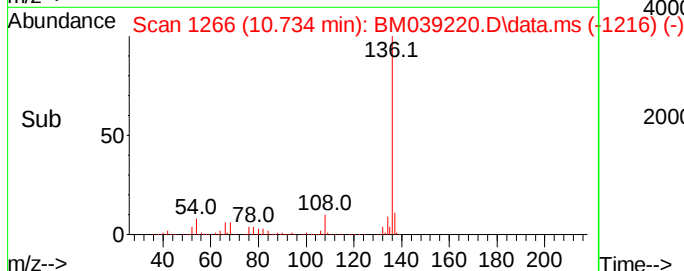
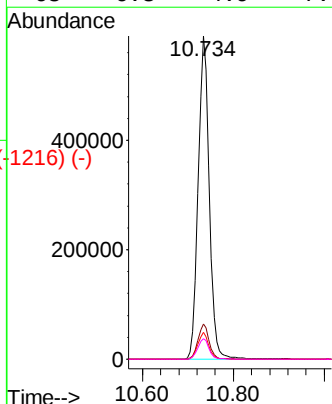
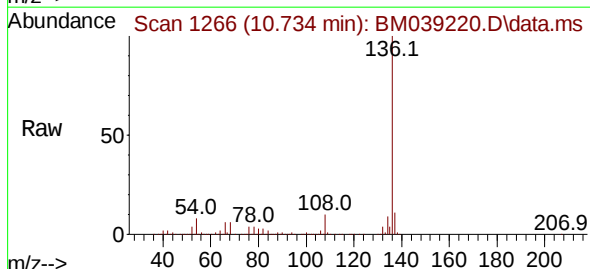
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.0	19.6
71	32.0	25.5	38.3

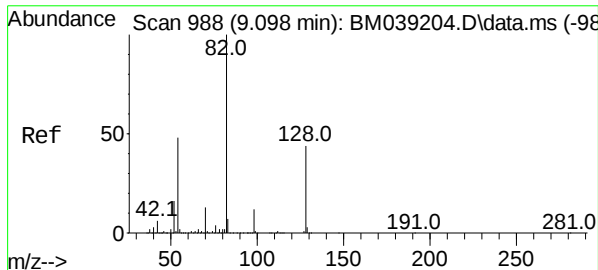


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.734 min Scan# 1266
 Delta R.T. -0.006 min
 Lab File: BM039220.D
 Acq: 30 Mar 2023 09:58

Tgt Ion: 136 Resp: 995653

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.2	9.4
68	6.3	4.9	7.3





Nitrobenzene-d5

Concen: 87.074 ng

RT: 9.093 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BM039220.D

Acq: 30 Mar 2023 09:58

Instrument :

BNA_M

ClientSampleId :

PB151693BL

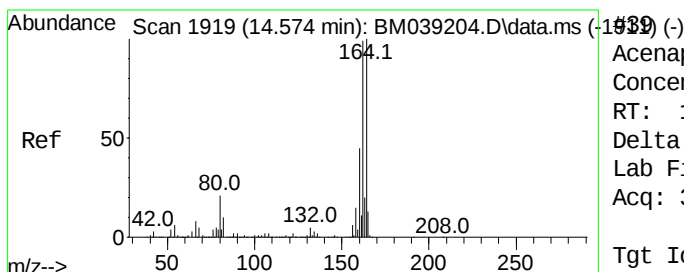
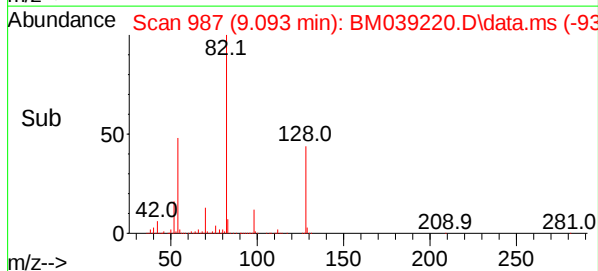
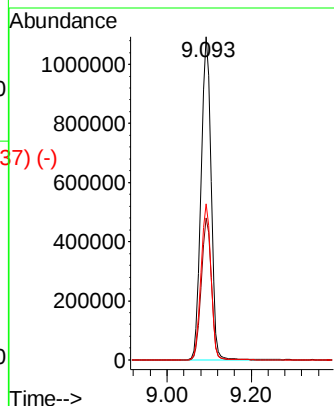
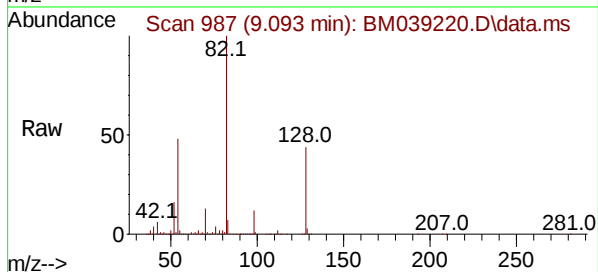
Tgt Ion: 82 Resp: 1783767

Ion Ratio Lower Upper

82 100

128 43.9 35.1 52.7

54 48.3 38.5 57.7



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1918

Delta R.T. -0.005 min

Lab File: BM039220.D

Acq: 30 Mar 2023 09:58

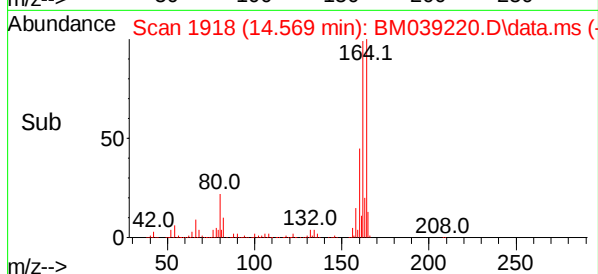
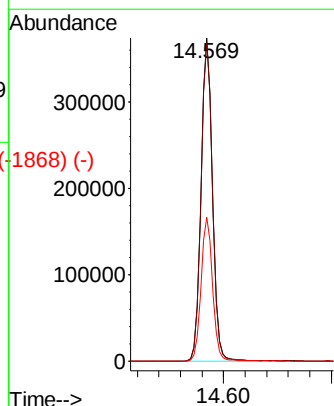
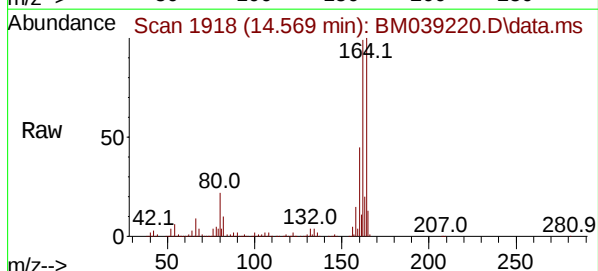
Tgt Ion:164 Resp: 540565

Ion Ratio Lower Upper

164 100

162 98.6 79.1 118.7

160 44.6 35.8 53.8



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

2,4,6-Tribromophenol

Concen: 121.179 ng

RT: 16.063 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BM039220.D

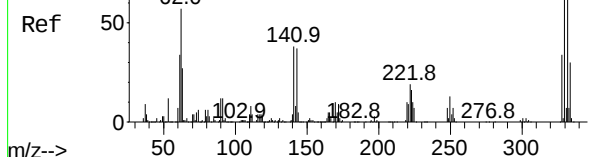
Acq: 30 Mar 2023 09:58

Instrument :

BNA_M

ClientSampleId :

PB151693BL



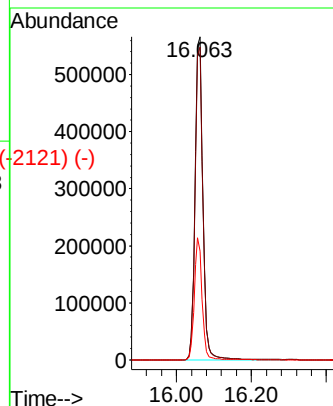
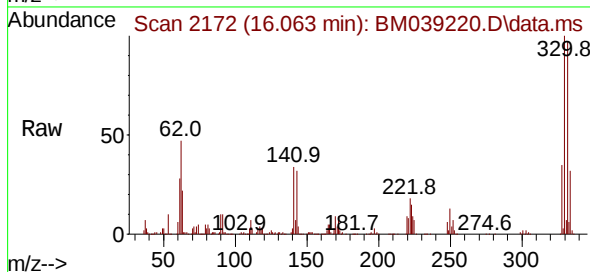
Tgt Ion:330 Resp: 831525

Ion Ratio Lower Upper

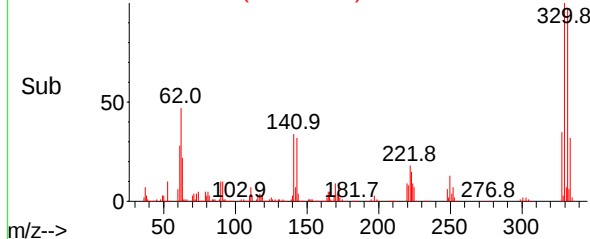
330 100

332 96.2 77.4 116.0

141 37.2 29.8 44.6



Abundance Scan 2172 (16.063 min): BM039220.D\data.ms (-2121) (-)



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

2-Fluorobiphenyl

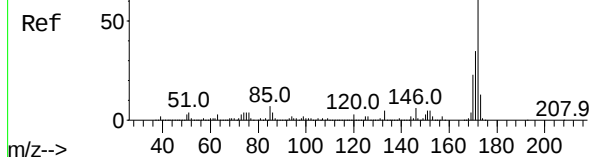
Concen: 89.345 ng

RT: 13.192 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM039220.D

Acq: 30 Mar 2023 09:58



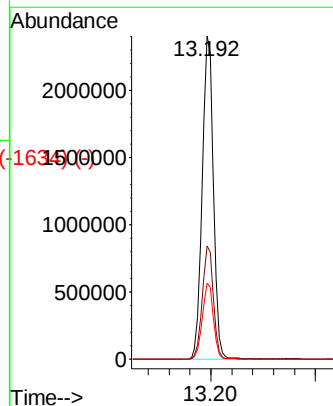
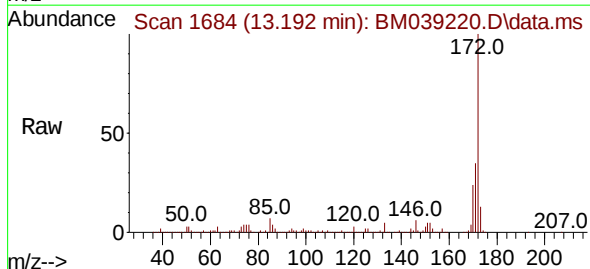
Tgt Ion:172 Resp: 3564577

Ion Ratio Lower Upper

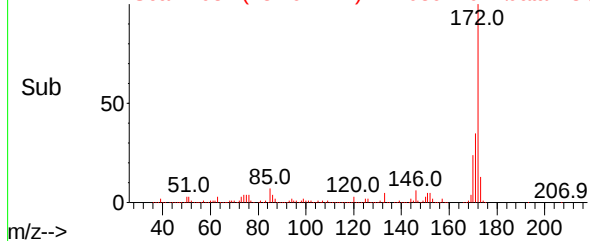
172 100

171 35.0 28.0 42.0

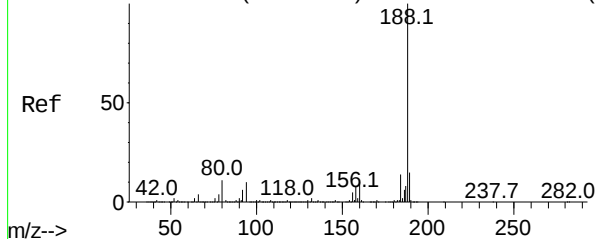
170 23.6 18.7 28.1



Abundance Scan 1684 (13.192 min): BM039220.D\data.ms (-1634) (-)



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



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2385

Delta R.T. -0.006 min

Lab File: BM039220.D

Acq: 30 Mar 2023 09:58

Instrument :

BNA_M

ClientSampleId :

PB151693BL

Tgt Ion:188 Resp: 1052761

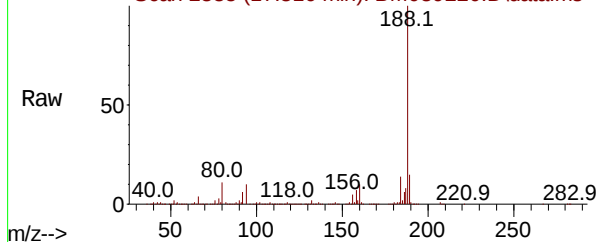
Ion Ratio Lower Upper

188 100

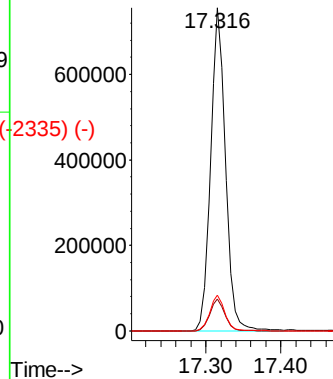
94 9.9 8.2 12.4

80 11.1 8.9 13.3

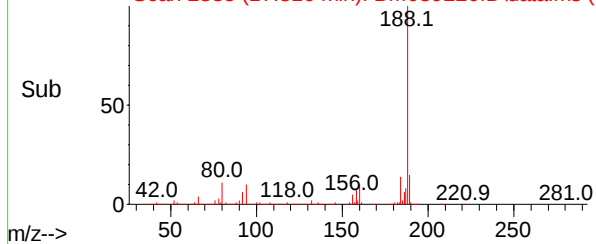
Abundance Scan 2385 (17.316 min): BM039220.D\data.ms



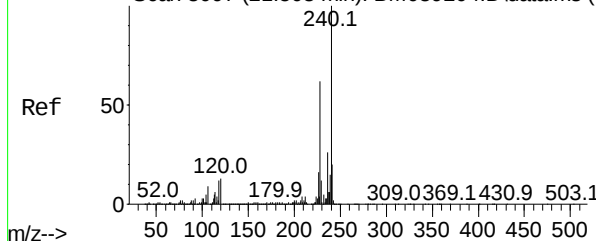
Abundance



Abundance Scan 2385 (17.316 min): BM039220.D\data.ms (-2335) (-)



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



Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM039220.D

Acq: 30 Mar 2023 09:58

Tgt Ion:240 Resp: 883002

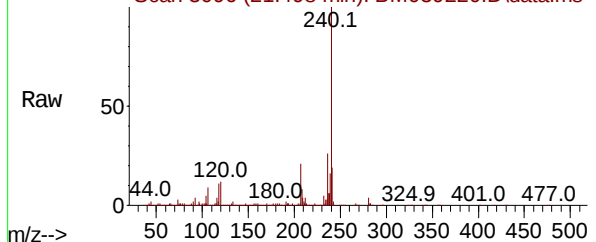
Ion Ratio Lower Upper

240 100

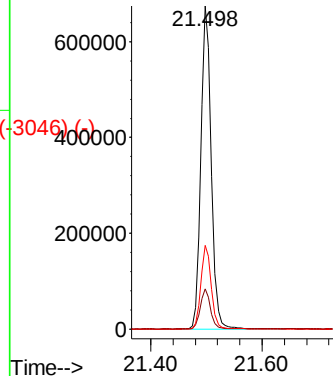
120 12.4 10.2 15.2

236 26.0 20.9 31.3

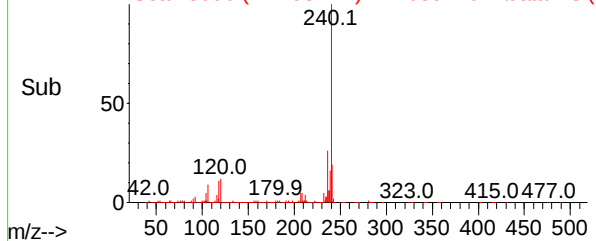
Abundance Scan 3096 (21.498 min): BM039220.D\data.ms

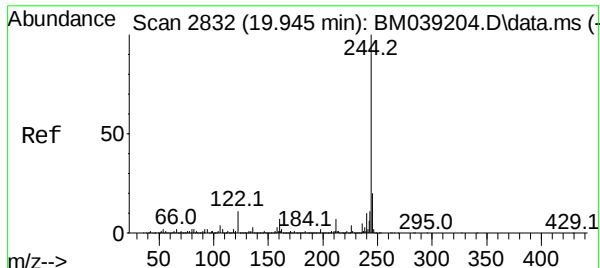


Abundance



Abundance Scan 3096 (21.498 min): BM039220.D\data.ms (-3046) (-)



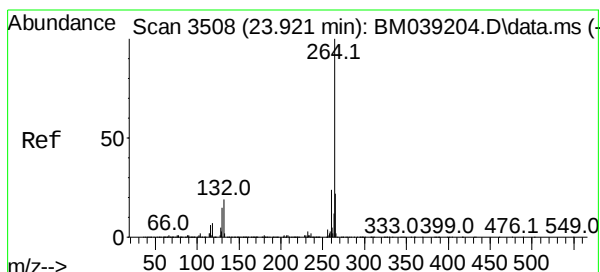
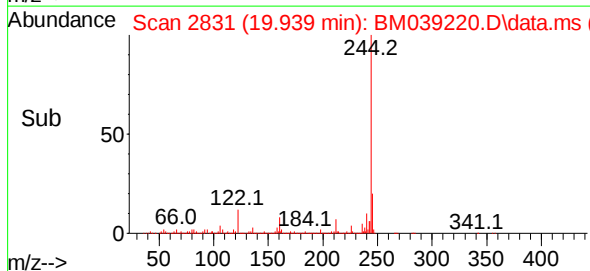
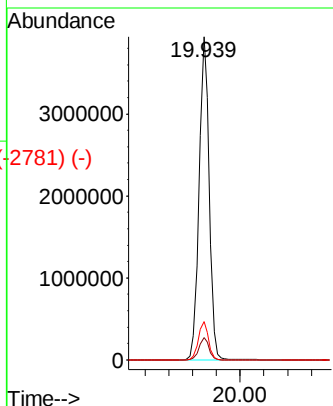
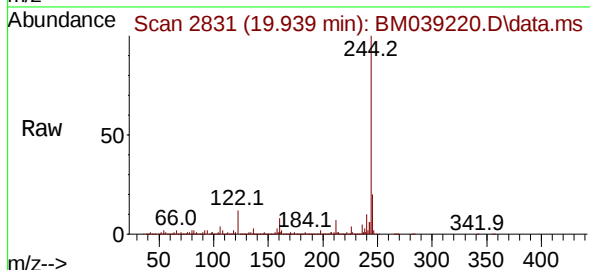


Terphenyl-d14
 Concen: 98.045 ng
 RT: 19.939 min Scan# 2779
 Delta R.T. -0.006 min
 Lab File: BM039220.D
 Acq: 30 Mar 2023 09:58

Instrument :
 BNA_M
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 PB151693BL

Tgt Ion:244 Resp: 4685855

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.8	9.1	13.7



Perylene-d12
 Concen: 20.000 ng
 RT: 23.915 min Scan# 3507
 Delta R.T. -0.006 min
 Lab File: BM039220.D
 Acq: 30 Mar 2023 09:58

Tgt Ion:264 Resp: 999823

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.9	18.1	27.1

