

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039256.D
 Acq On : 31 Mar 2023 16:56
 Operator : CG/JU
 Sample : 02102-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHAMBER-C-72-EAST

Quant Time: Mar 31 18:14:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	204458	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	794411	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	441740	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	895252	20.000	ng	0.00
76) Chrysene-d12	21.492	240	761221	20.000	ng	0.00
86) Perylene-d12	23.903	264	843792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1964575	144.765	ng	0.00
7) Phenol-d6	7.087	99	2288452	130.375	ng	0.00
23) Nitrobenzene-d5	9.086	82	1617928	98.986	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	858504	153.100	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3265253	100.152	ng	0.00
79) Terphenyl-d14	19.939	244	4639825	112.613	ng	0.00

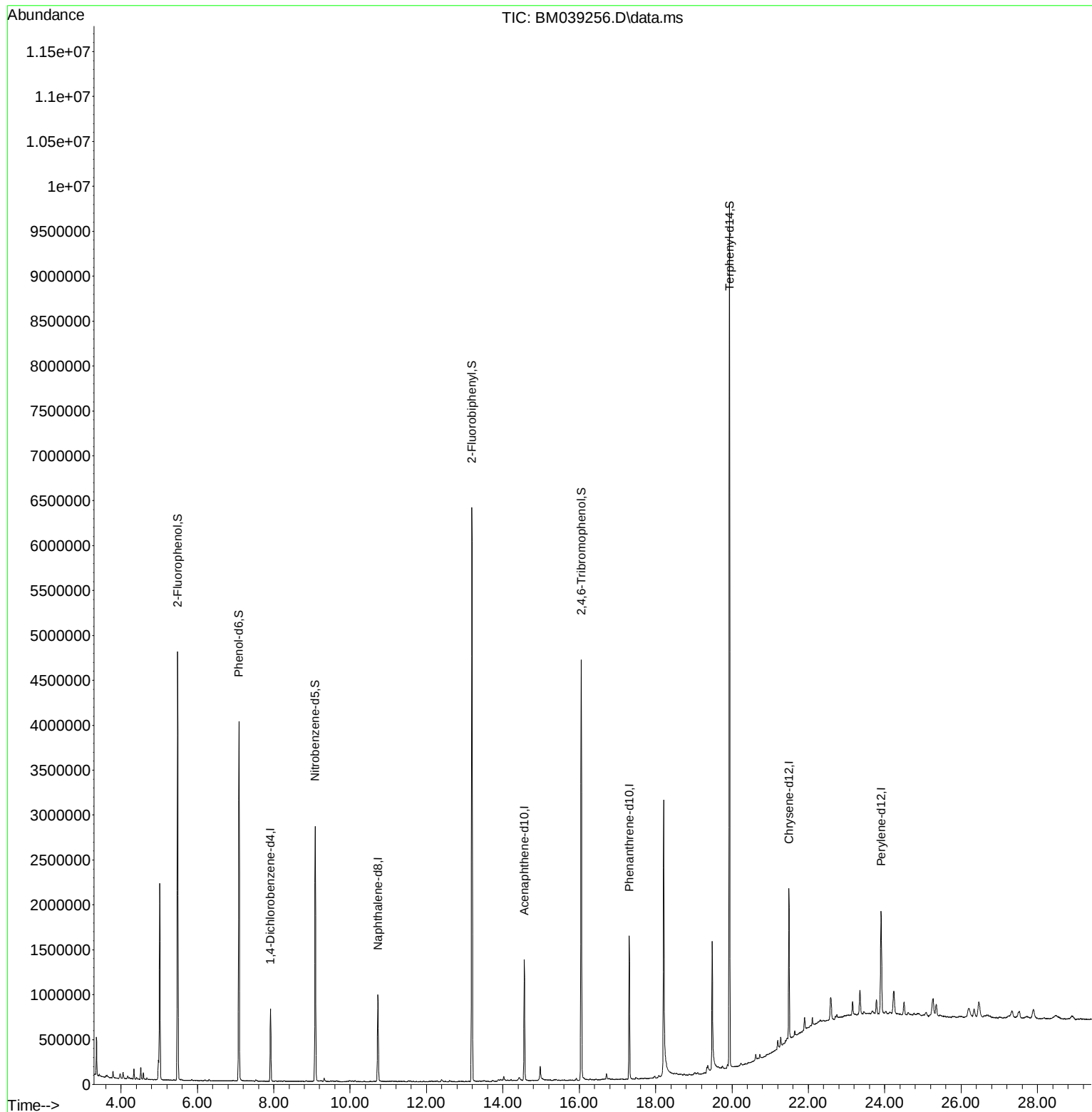
Target Compounds Qvalue

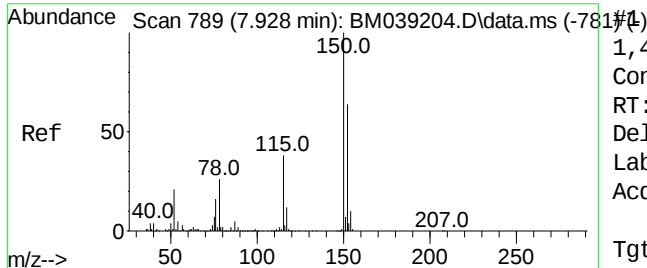
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039256.D
Acq On : 31 Mar 2023 16:56
Operator : CG/JU
Sample : 02102-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHAMBER-C-72-EAST

Quant Time: Mar 31 18:14:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration

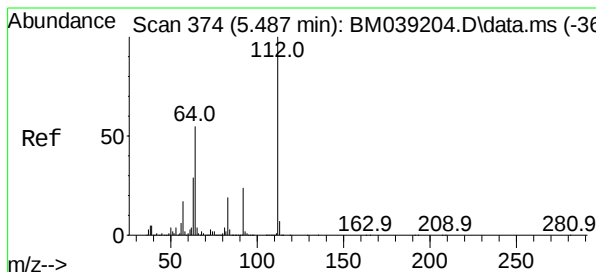
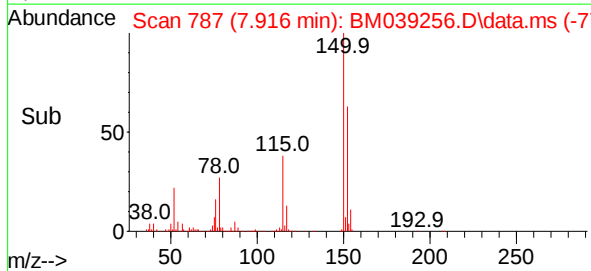
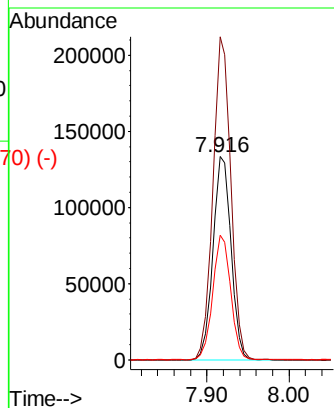
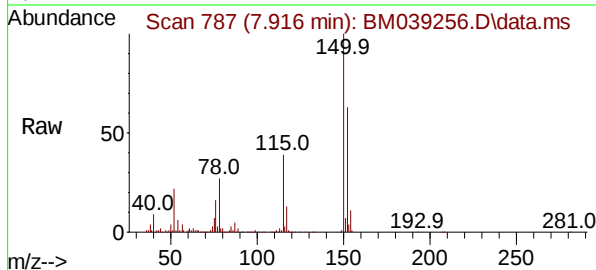




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan#
 Delta R.T. -0.000 min
 Lab File: BM039256.D
 Acq: 31 Mar 2023 16:56

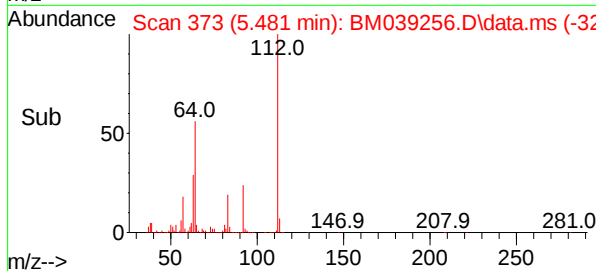
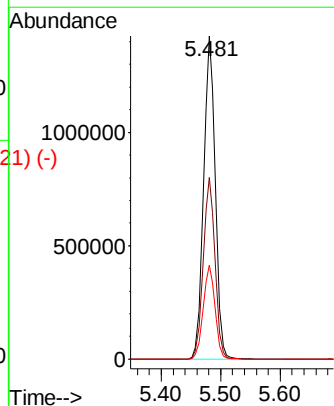
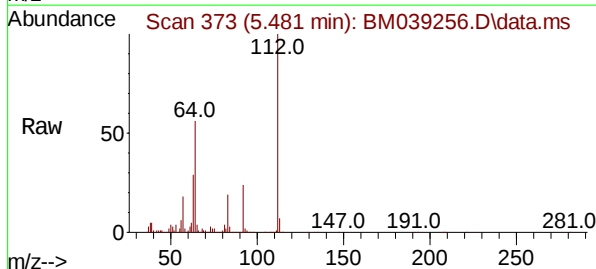
Instrument :
 BNA_M
 ClientSampleId :
 CHAMBER-C-72-EAST

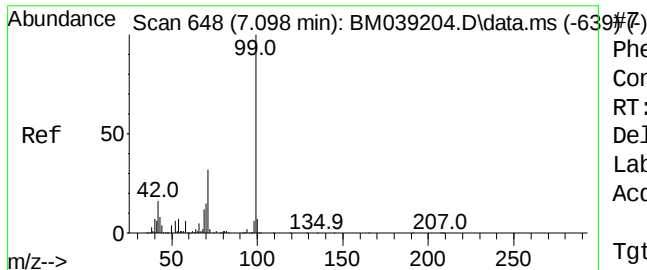
Tgt Ion:152 Resp: 204458
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.5 188.3
 115 61.3 48.1 72.1



2-Fluorophenol
 Concen: 144.765 ng
 RT: 5.481 min Scan# 373
 Delta R.T. 0.005 min
 Lab File: BM039256.D
 Acq: 31 Mar 2023 16:56

Tgt Ion:112 Resp: 1964575
 Ion Ratio Lower Upper
 112 100
 64 56.3 44.3 66.5
 63 29.1 23.0 34.6





Phenol-d6

Concen: 130.375 ng

RT: 7.087 min Scan#

Delta R.T. -0.000 min

Lab File: BM039256.D

Acq: 31 Mar 2023 16:56

Instrument :

BNA_M

ClientSampleId :

CHAMBER-C-72-EAST

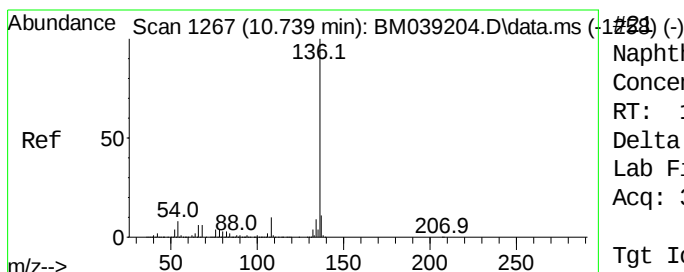
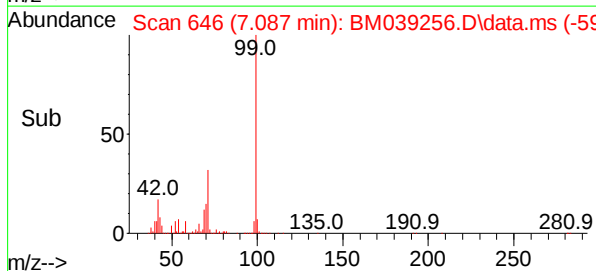
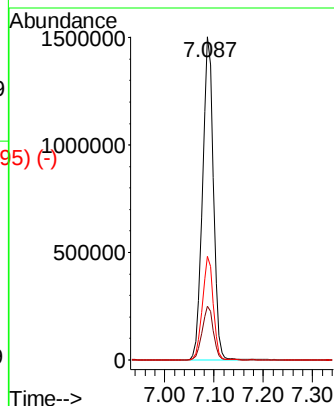
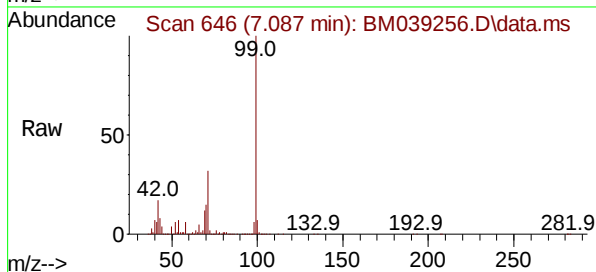
Tgt Ion: 99 Resp: 2288452

Ion Ratio Lower Upper

99 100

42 16.6 13.0 19.6

71 32.1 25.5 38.3



Naphthalene-d8

Concen: 20.000 ng

RT: 10.727 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM039256.D

Acq: 31 Mar 2023 16:56

Tgt Ion:136 Resp: 794411

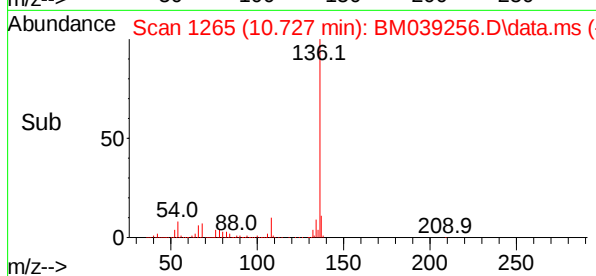
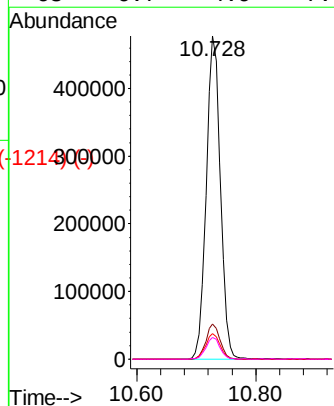
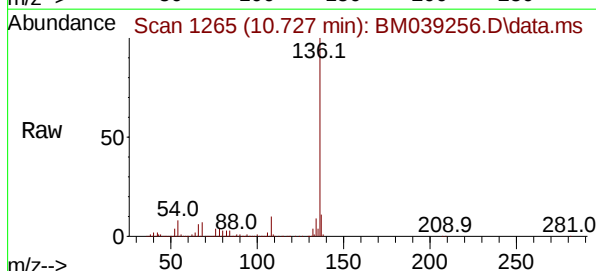
Ion Ratio Lower Upper

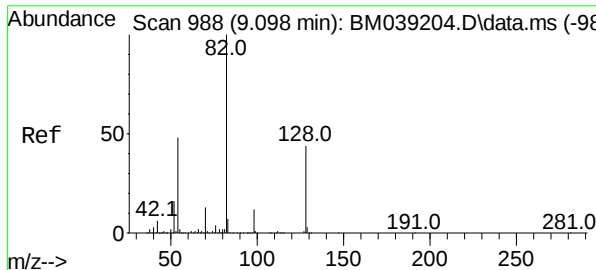
136 100

137 10.9 8.9 13.3

54 7.8 6.2 9.4

68 6.7 4.9 7.3

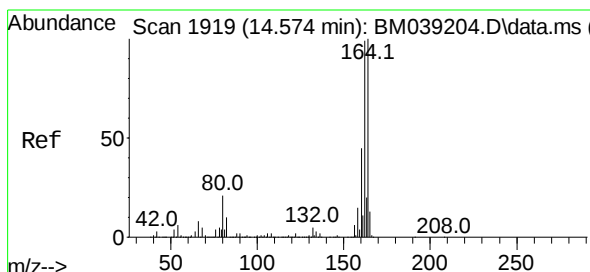
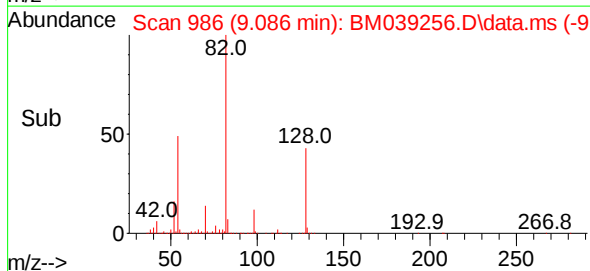
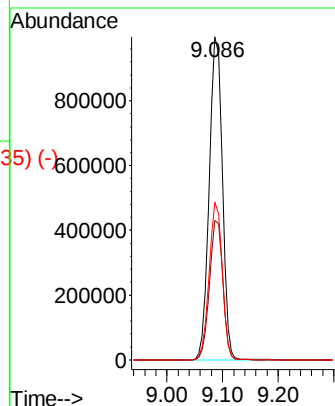
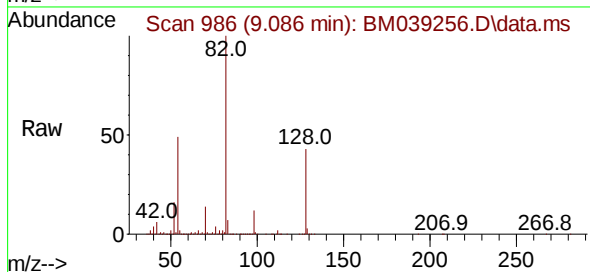




Nitrobenzene-d5
Concen: 98.986 ng
RT: 9.086 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039256.D
Acq: 31 Mar 2023 16:56

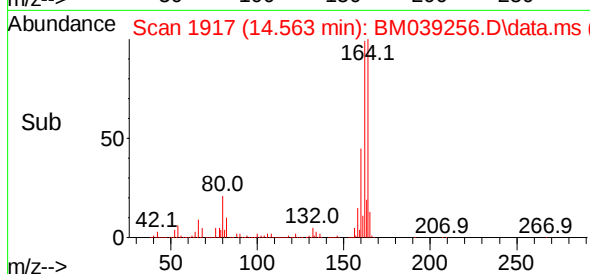
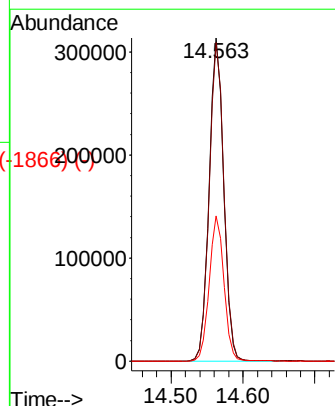
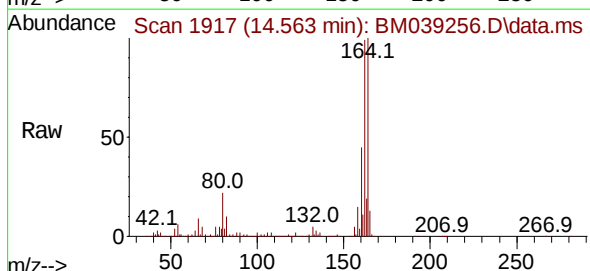
Instrument :
BNA_M
ClientSampleId :
CHAMBER-C-72-EAST

Tgt Ion: 82 Resp: 1617928
Ion Ratio Lower Upper
82 100
128 43.1 35.1 52.7
54 48.8 38.5 57.7



Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039256.D
Acq: 31 Mar 2023 16:56

Tgt Ion: 164 Resp: 441740
Ion Ratio Lower Upper
164 100
162 98.6 79.1 118.7
160 44.9 35.8 53.8



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

2,4,6-Tribromophenol

Concen: 153.100 ng

RT: 16.057 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BM039256.D

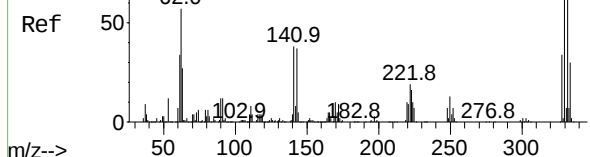
Acq: 31 Mar 2023 16:56

Instrument :

BNA_M

ClientSampleId :

CHAMBER-C-72-EAST



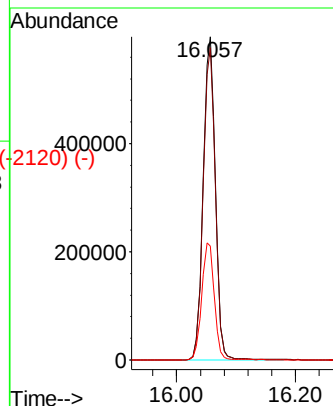
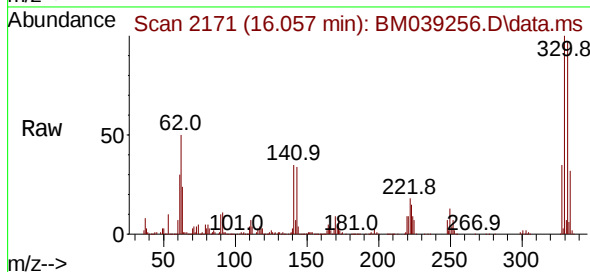
Tgt Ion:330 Resp: 858504

Ion Ratio Lower Upper

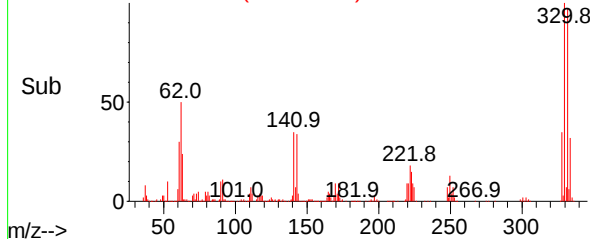
330 100

332 96.7 77.4 116.0

141 37.3 29.8 44.6



Abundance Scan 2171 (16.057 min): BM039256.D\data.ms (-2120) (-)



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

2-Fluorobiphenyl

Concen: 100.152 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039256.D

Acq: 31 Mar 2023 16:56

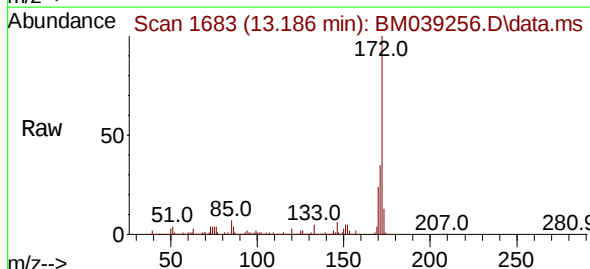
Tgt Ion:172 Resp: 3265253

Ion Ratio Lower Upper

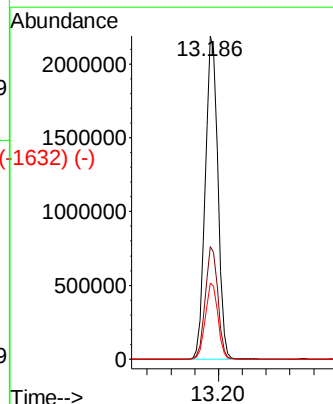
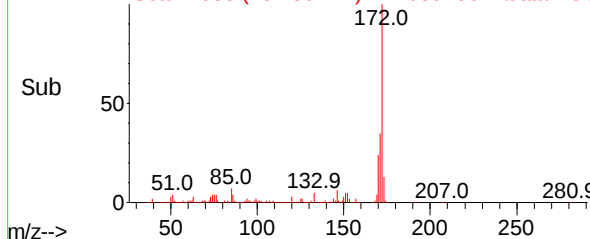
172 100

171 34.9 28.0 42.0

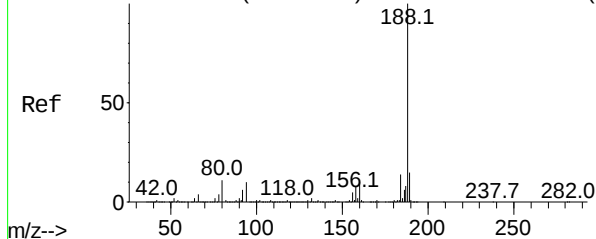
170 23.6 18.7 28.1



Abundance Scan 1683 (13.186 min): BM039256.D\data.ms (-1632) (-)



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. -0.000 min

Lab File: BM039256.D

Acq: 31 Mar 2023 16:56

Instrument :

BNA_M

ClientSampleId :

CHAMBER-C-72-EAST

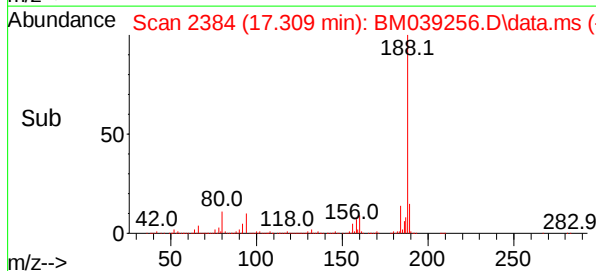
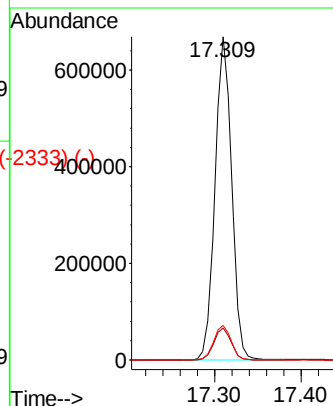
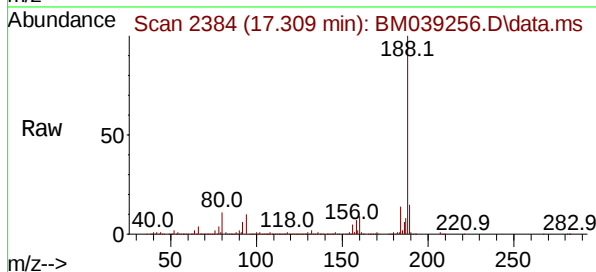
Tgt Ion:188 Resp: 895252

Ion Ratio Lower Upper

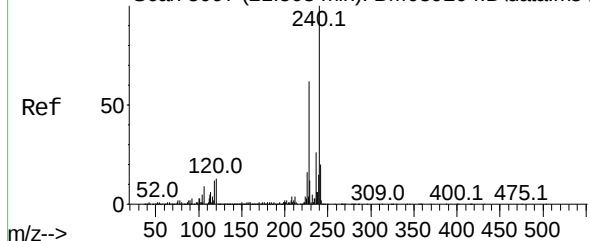
188 100

94 9.9 8.2 12.4

80 10.6 8.9 13.3



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



Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039256.D

Acq: 31 Mar 2023 16:56

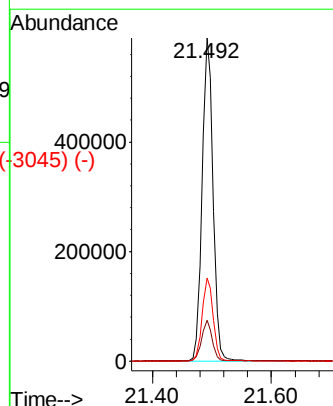
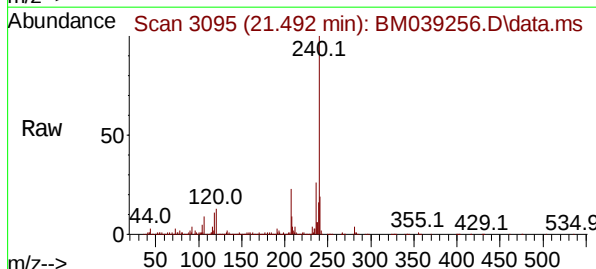
Tgt Ion:240 Resp: 761221

Ion Ratio Lower Upper

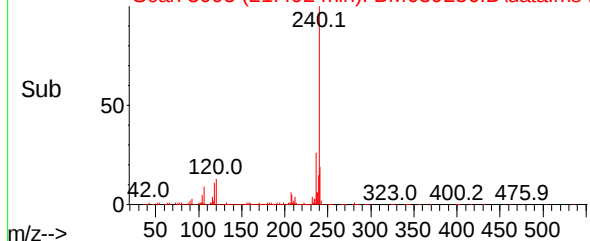
240 100

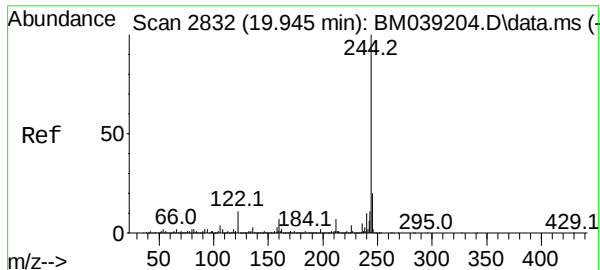
120 12.6 10.2 15.2

236 25.7 20.9 31.3



Abundance Scan 3095 (21.492 min): BM039256.D\data.ms (-3045) (-)

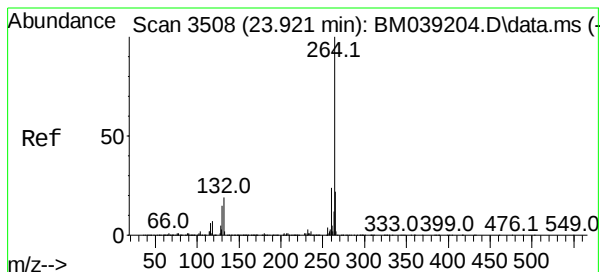
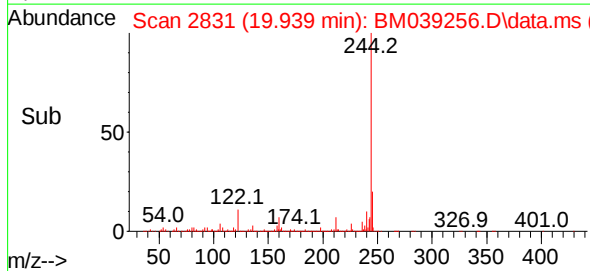
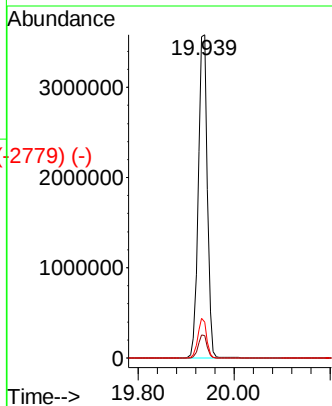
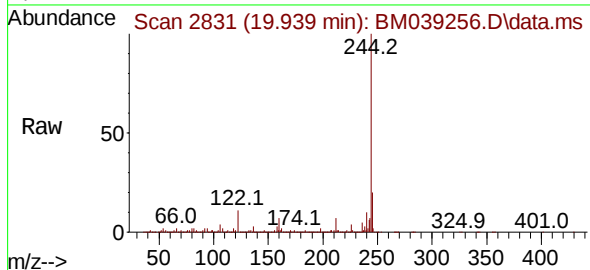




Terphenyl-d14
 Concen: 112.613 ng
 RT: 19.939 min Scan# 2879
 Delta R.T. 0.005 min
 Lab File: BM039256.D
 Acq: 31 Mar 2023 16:56

Instrument :
 BNA_M
 ClientSampleId :
 CHAMBER-C-72-EAST

Tgt Ion:244 Resp: 4639825
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 9.1 13.7



Perylene-d12
 Concen: 20.000 ng
 RT: 23.903 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM039256.D
 Acq: 31 Mar 2023 16:56

Tgt Ion:264 Resp: 843792
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 22.7 18.1 27.1

