

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

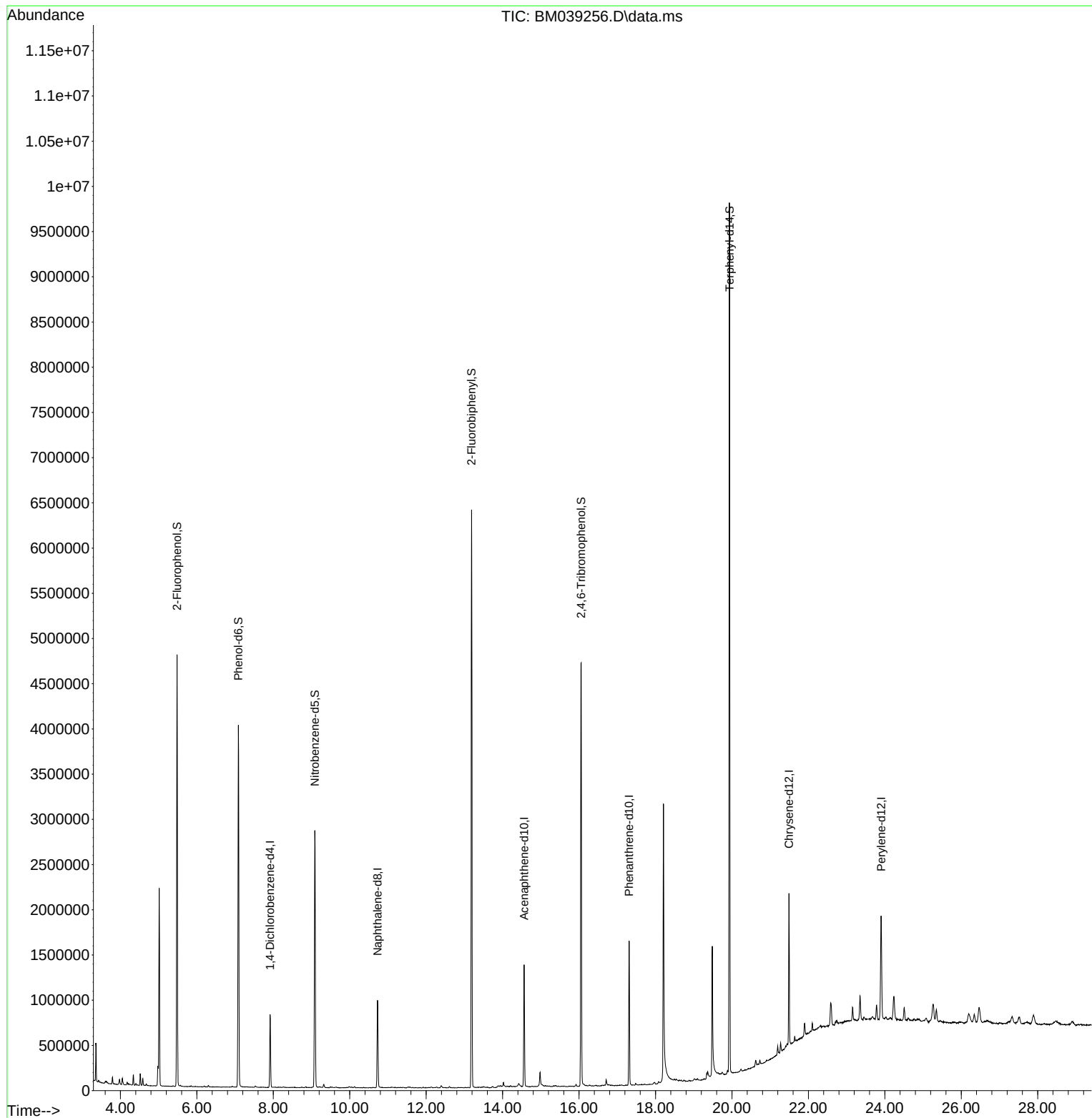
Target Compounds	Qvalue

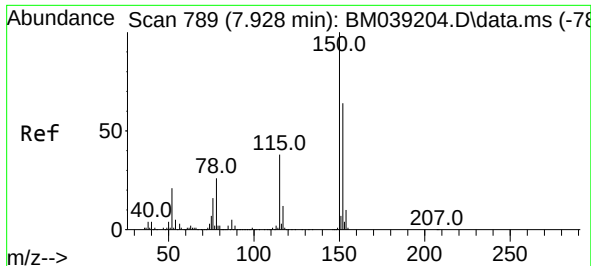
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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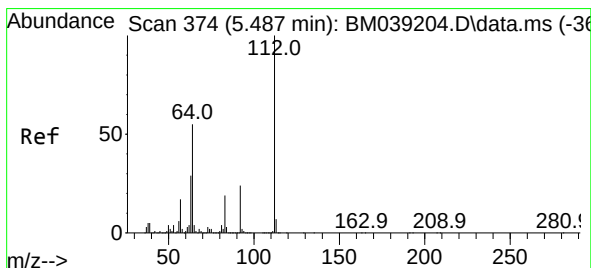
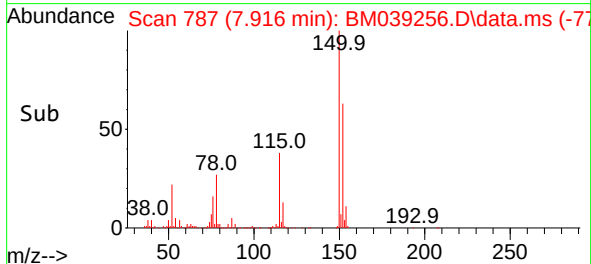
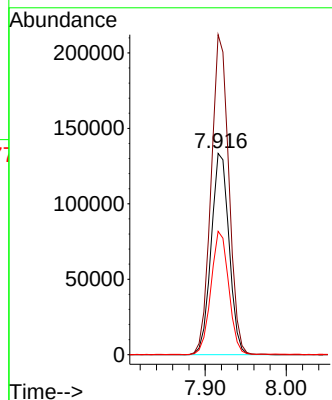
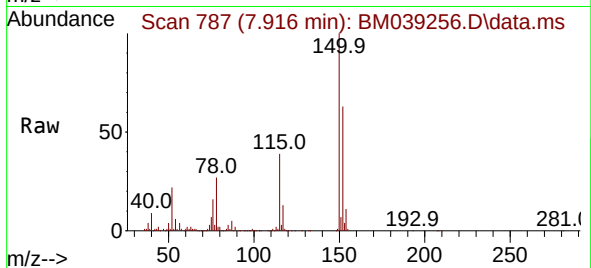




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM039256.D
Acq: 31 Mar 2023 16:56

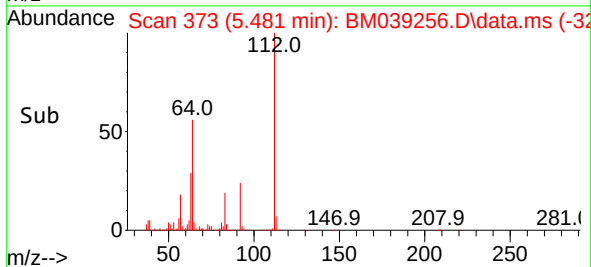
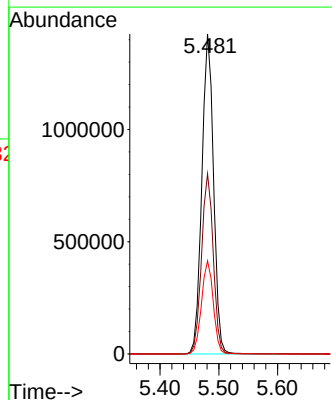
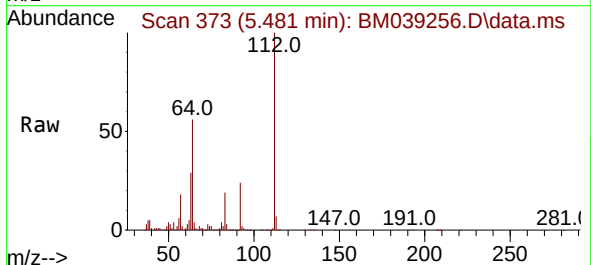
Instrument :
BNA_M
ClientSampleId :
CHAMBER-C-72-EAST

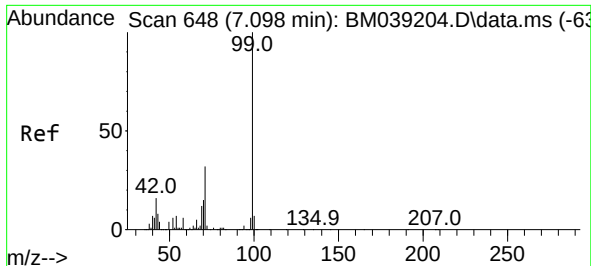
Tgt Ion:152 Resp: 204458
Ion Ratio Lower Upper
152 100
150 158.9 125.5 188.3
115 61.3 48.1 72.1



#5
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



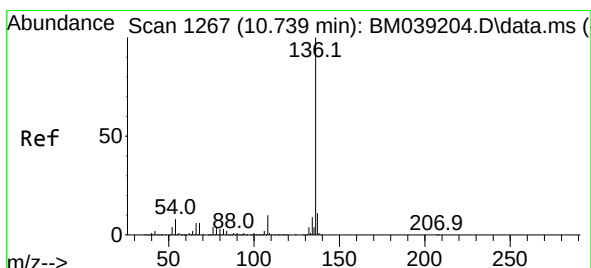
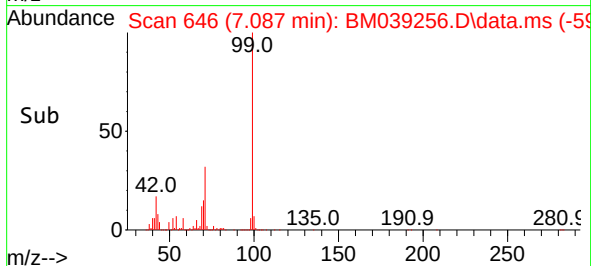
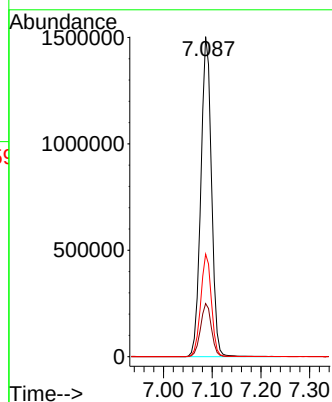
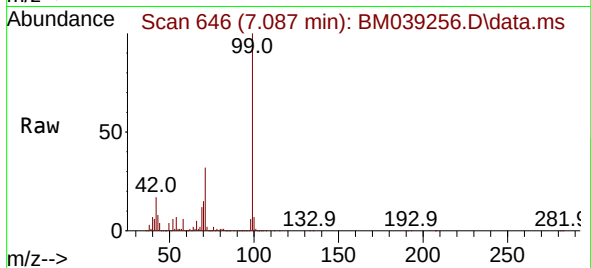


#7
Phenol-d6
Concen: 130.375 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM039256.D
Acq: 31 Mar 2023 16:56

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

Tgt Ion: 99 Resp: 2288452

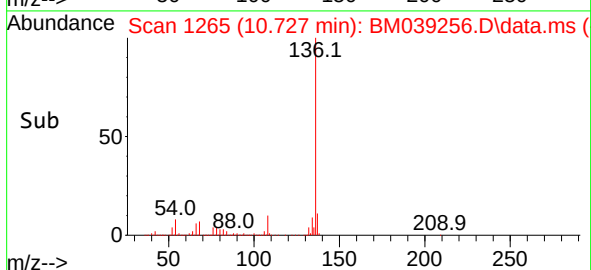
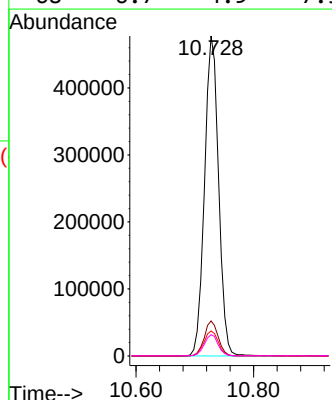
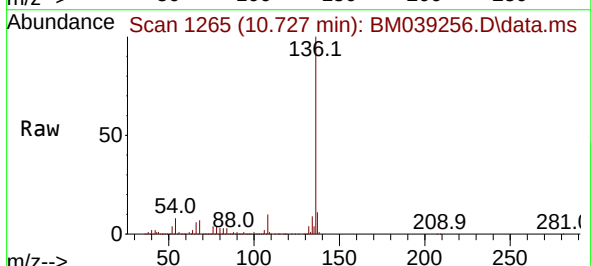
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.6
71	32.1	25.5	38.3

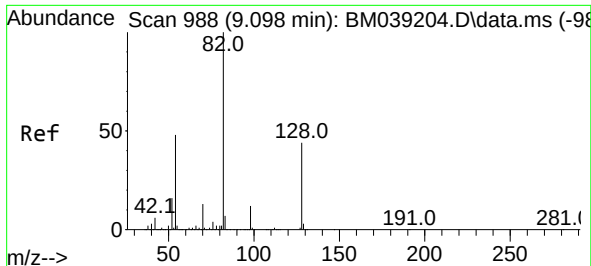


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039256.D
Acq: 31 Mar 2023 16:56

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





#23

Nitrobenzene-d5

Concen: 98.986 ng

RT: 9.086 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039256.D

Acq: 31 Mar 2023 16:56

Instrument :

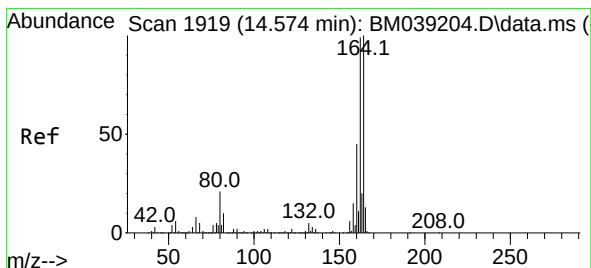
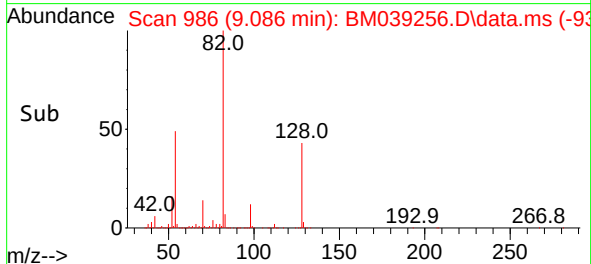
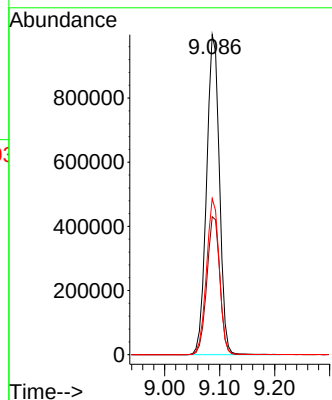
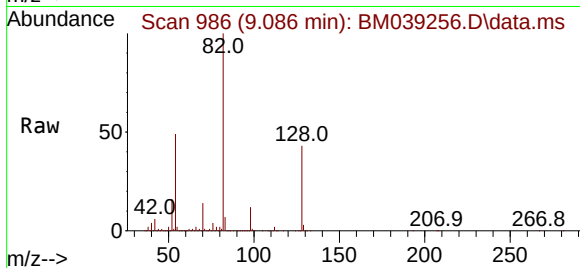
BNA_M

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

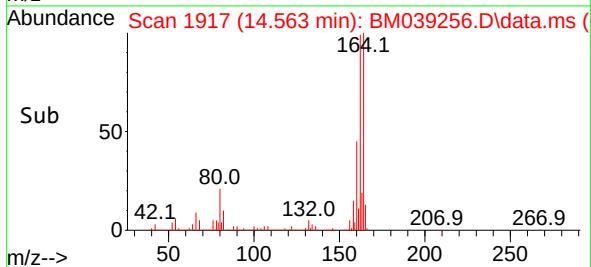
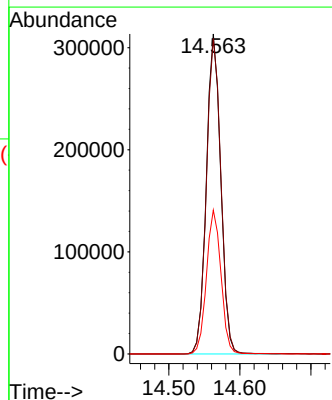
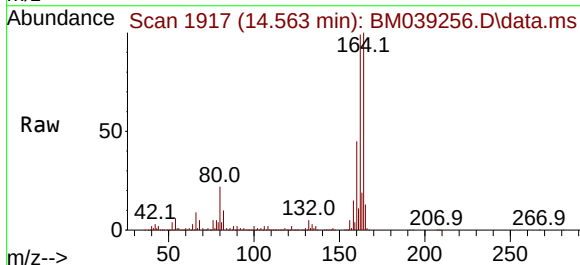
Delta R.T. -0.000 min

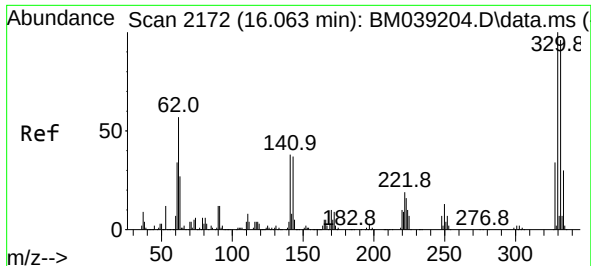
Lab File: BM039256.D

Acq: 31 Mar 2023 16:56

Tgt Ion: 164 Resp: 441740

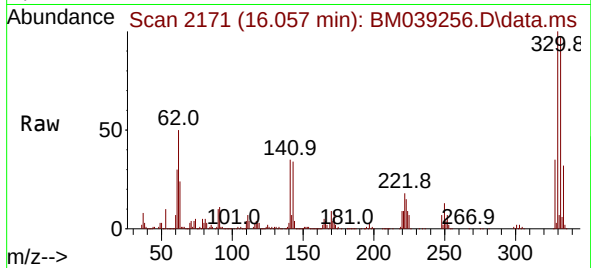
Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.1	118.7
160	44.9	35.8	53.8



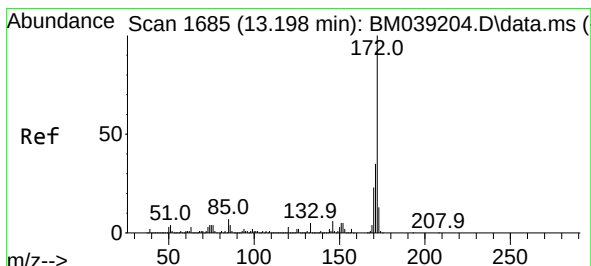
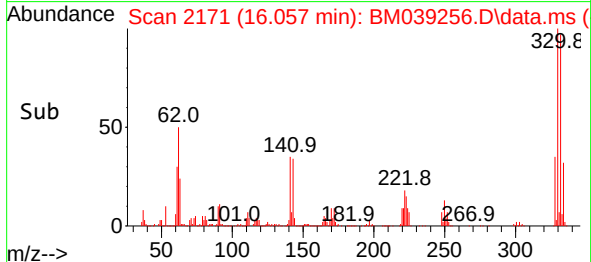
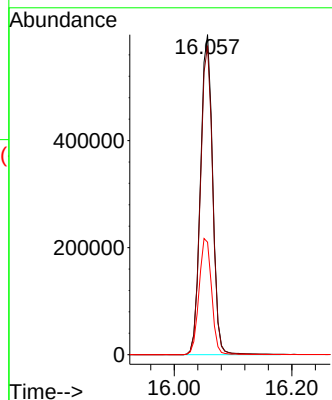


#42
2,4,6-Tribromophenol
Concen: 153.100 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039256.D
Acq: 31 Mar 2023 16:56

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

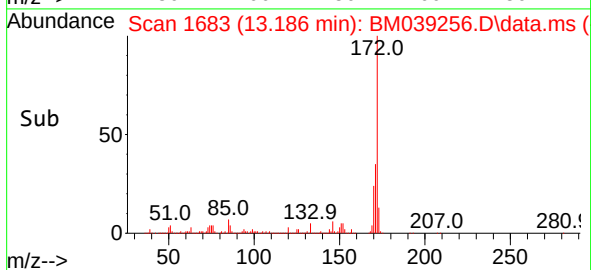
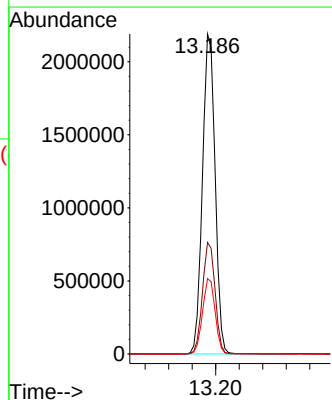
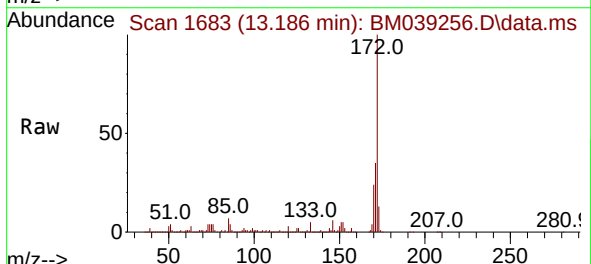


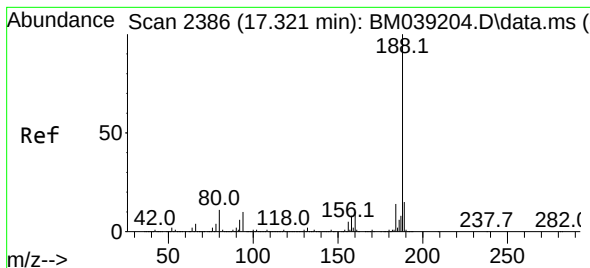
Tgt Ion:330 Resp: 858504
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.3 29.8 44.6



#45
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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039256.D

Acq: 31 Mar 2023 16:56

Instrument :

BNA_M

ClientSampleId :

CHAMBER-C-72-EAST

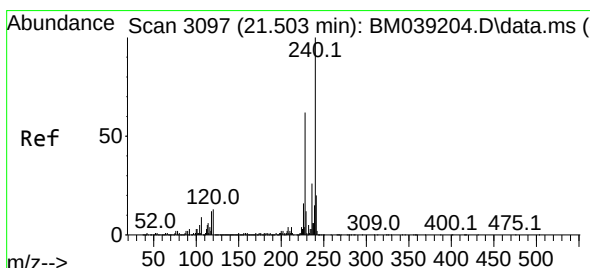
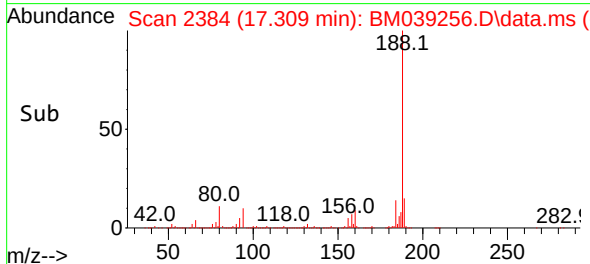
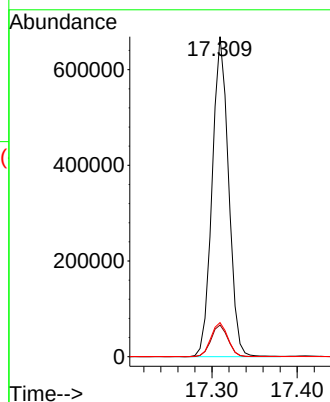
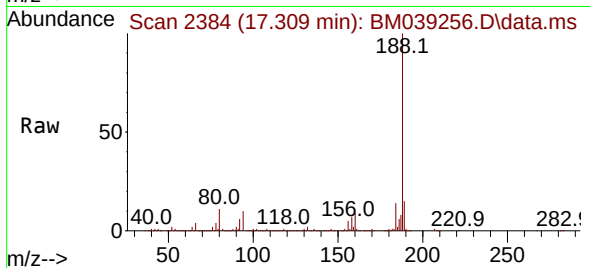
Tgt Ion:188 Resp: 895252

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 10.6 8.9 13.3



#76

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

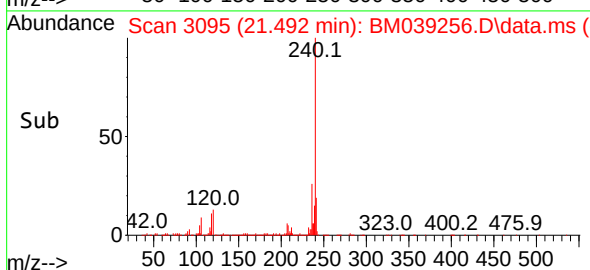
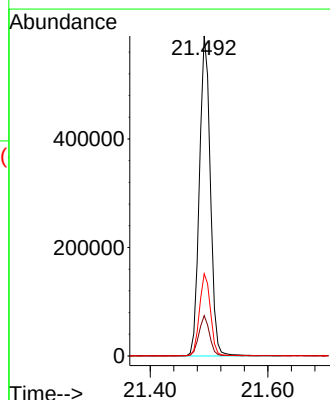
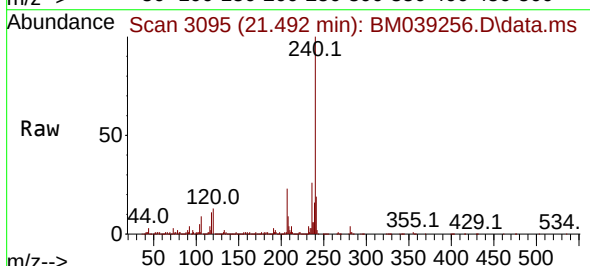
Tgt Ion:240 Resp: 761221

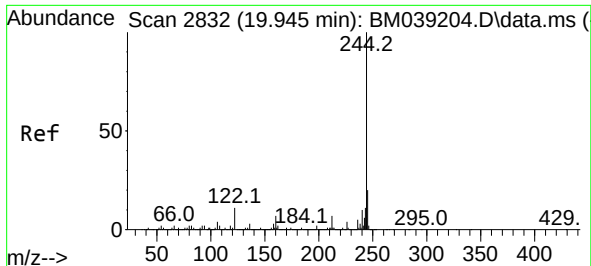
Ion Ratio Lower Upper

240 100

120 12.6 10.2 15.2

236 25.7 20.9 31.3

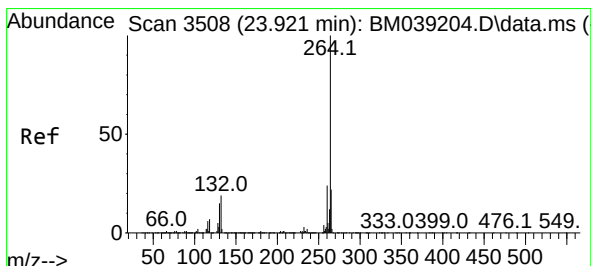
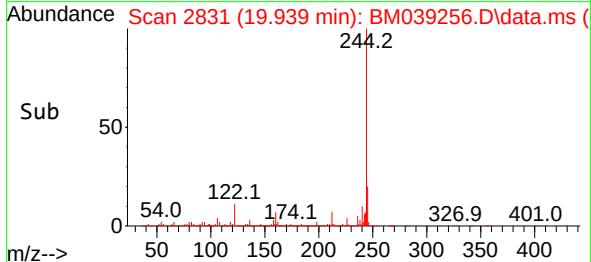
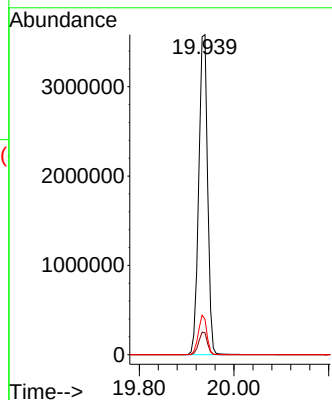
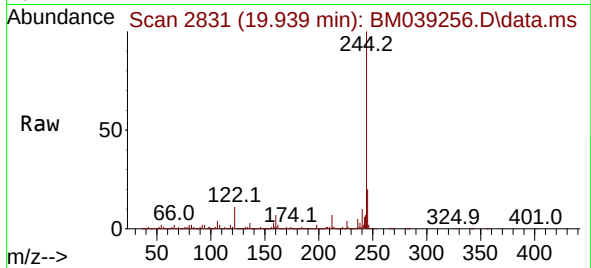




#79
 Terphenyl-d14
 Concen: 112.613 ng
 RT: 19.939 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM039256.D
 Acq: 31 Mar 2023 16:56

Instrument :
 BNA_M
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 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



#86
 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

