

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039922.D
 Acq On : 12 May 2023 17:56
 Operator : CG/JU
 Sample : PB152676TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152676TB

Quant Time: May 13 02:59:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 02:16:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	498203	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2097769	20.000	ng	0.00
39) Acenaphthene-d10	14.672	164	1258225	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	2664485	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1845215	20.000	ng	0.00
86) Perylene-d12	24.042	264	1767682	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	5039215	164.377	ng	0.00
7) Phenol-d6	7.190	99	6351098	155.479	ng	0.00
23) Nitrobenzene-d5	9.201	82	3435114	95.904	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	3381522	139.402	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	9983381	101.496	ng	0.00
79) Terphenyl-d14	20.024	244	12502537	122.630	ng	0.00

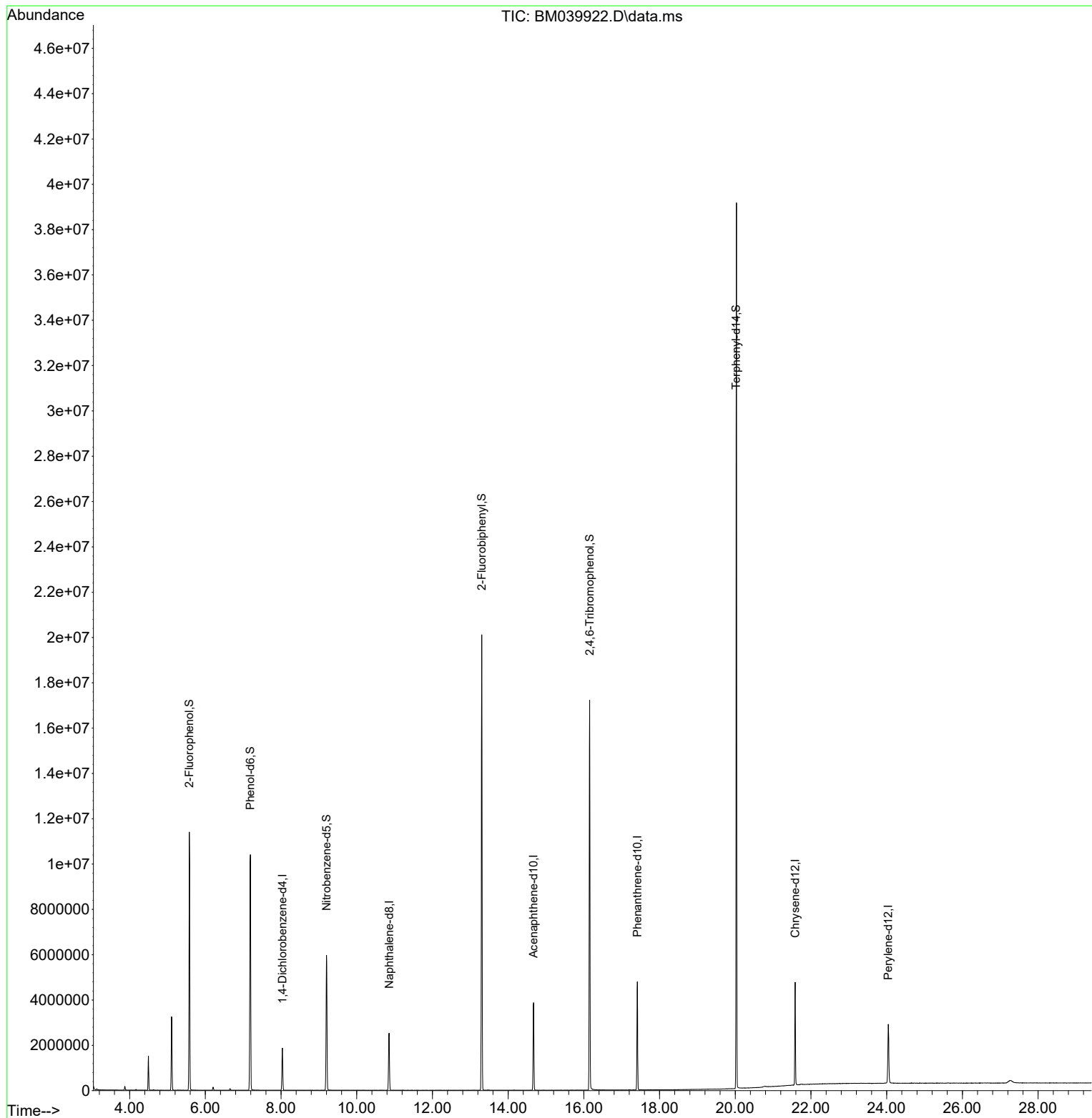
Target Compounds	Qvalue

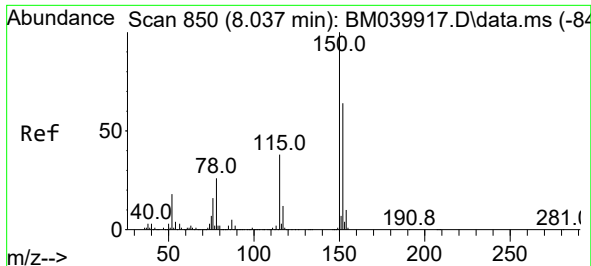
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039922.D
Acq On : 12 May 2023 17:56
Operator : CG/JU
Sample : PB152676TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB152676TB

Quant Time: May 13 02:59:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:16:09 2023
Response via : Initial Calibration

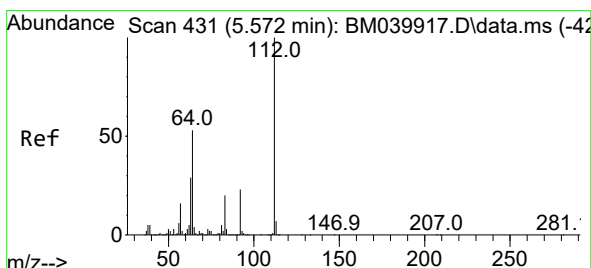
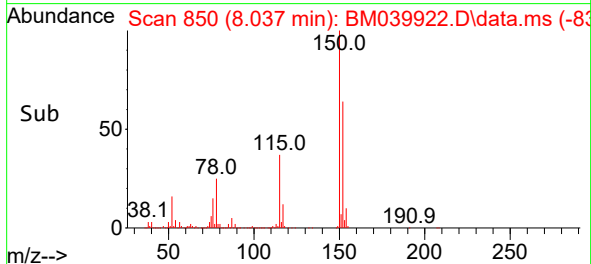
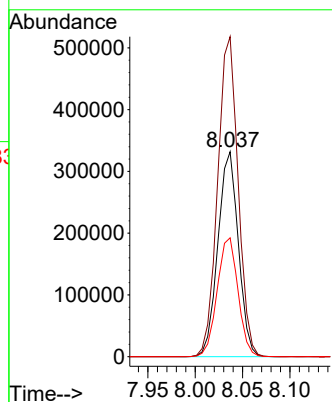
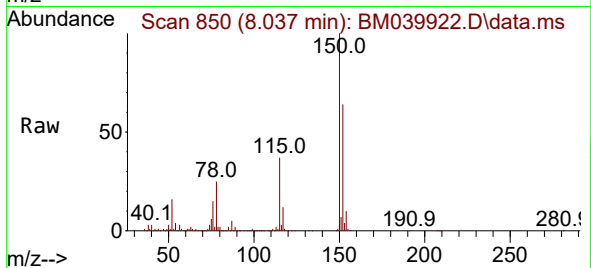




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

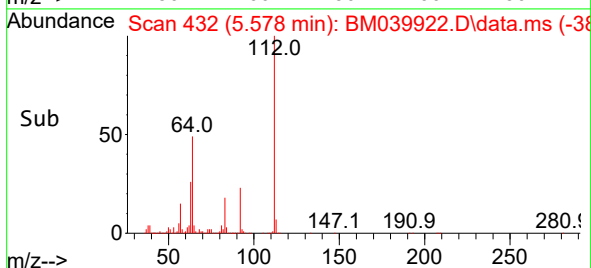
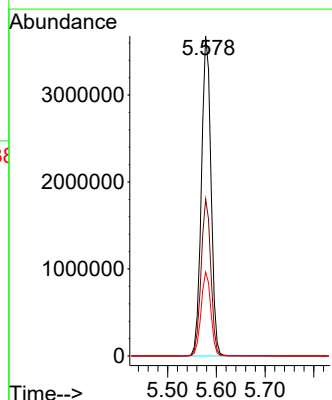
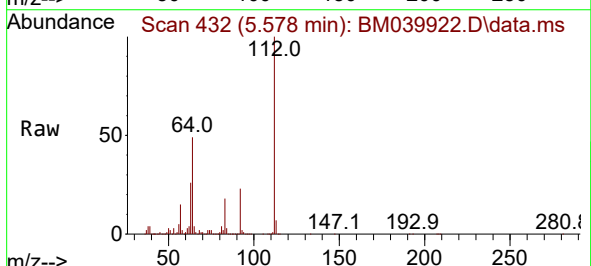
Instrument :
BNA_M
ClientSampleId :
PB152676TB

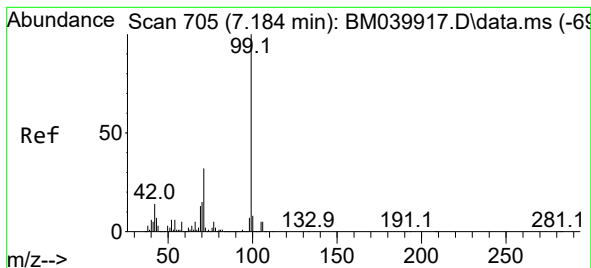
Tgt Ion:152 Resp: 498203
Ion Ratio Lower Upper
152 100
150 156.1 125.0 187.4
115 58.0 47.0 70.6



#5
2-Fluorophenol
Concen: 164.377 ng
RT: 5.578 min Scan# 432
Delta R.T. 0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:112 Resp: 5039215
Ion Ratio Lower Upper
112 100
64 49.0 42.6 64.0
63 26.2 23.3 34.9





#7

Phenol-d6

Concen: 155.479 ng

RT: 7.190 min Scan# 705

Delta R.T. 0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB

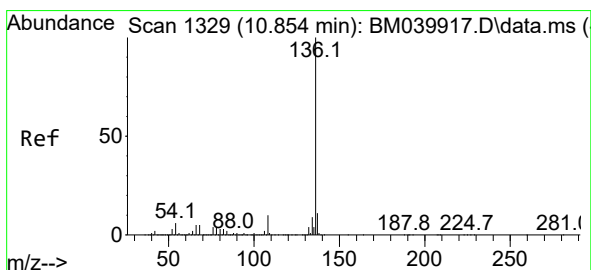
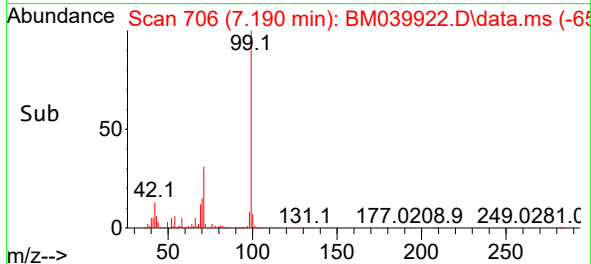
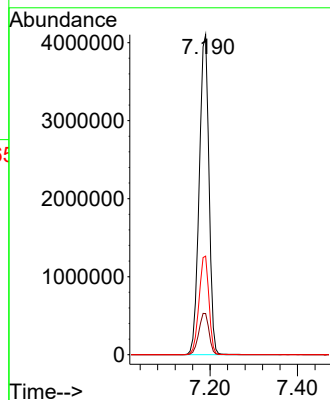
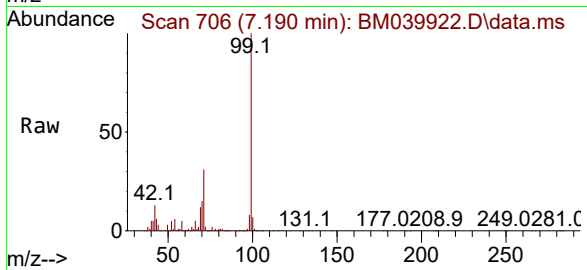
Tgt Ion: 99 Resp: 6351098

Ion Ratio Lower Upper

99 100

42 12.9 11.5 17.3

71 30.8 25.7 38.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.854 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Tgt Ion: 136 Resp: 2097769

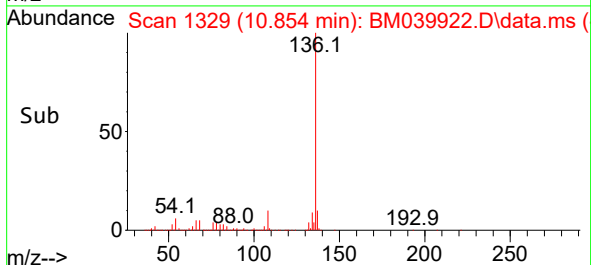
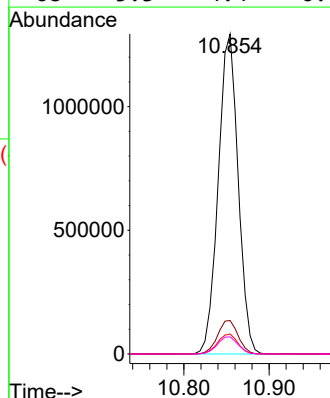
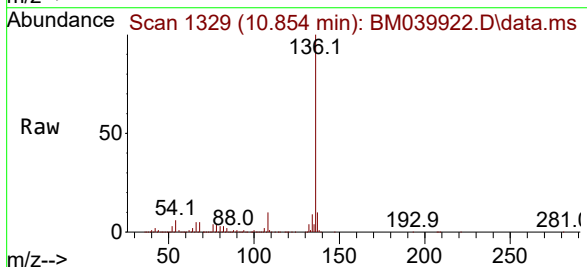
Ion Ratio Lower Upper

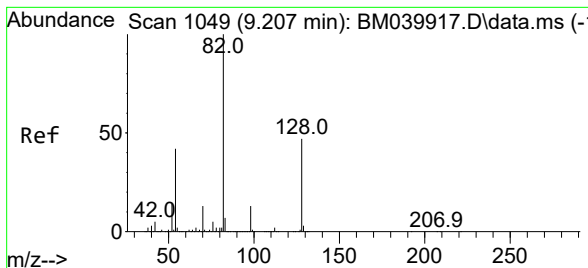
136 100

137 10.5 8.8 13.2

54 6.3 5.2 7.8

68 5.3 4.4 6.6

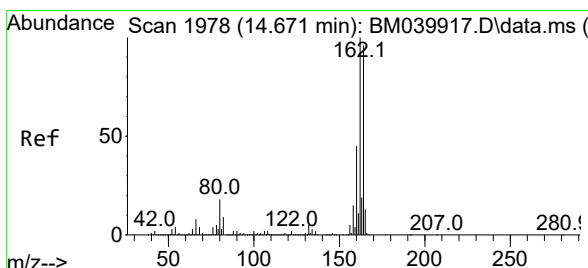
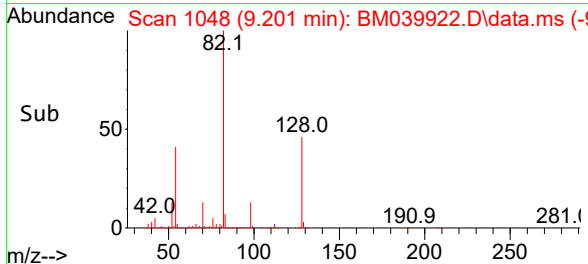
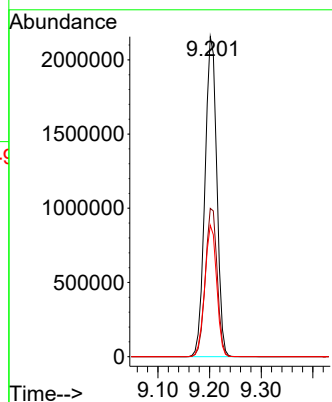
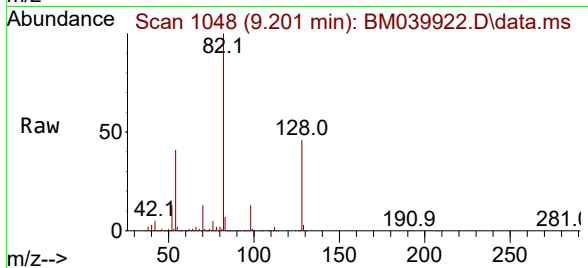




#23
Nitrobenzene-d5
Concen: 95.904 ng
RT: 9.201 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

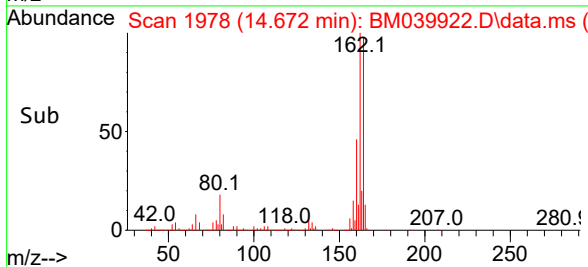
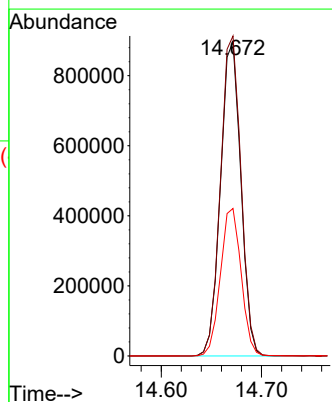
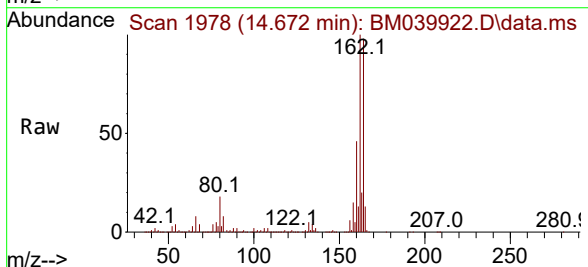
Instrument :
BNA_M
ClientSampleId :
PB152676TB

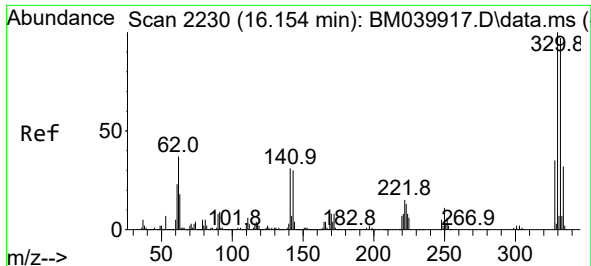
Tgt Ion: 82 Resp: 3435114
Ion Ratio Lower Upper
82 100
128 46.4 37.2 55.8
54 41.1 33.5 50.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.672 min Scan# 1978
Delta R.T. 0.001 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion: 164 Resp: 1258225
Ion Ratio Lower Upper
164 100
162 101.8 83.6 125.4
160 46.9 37.8 56.6

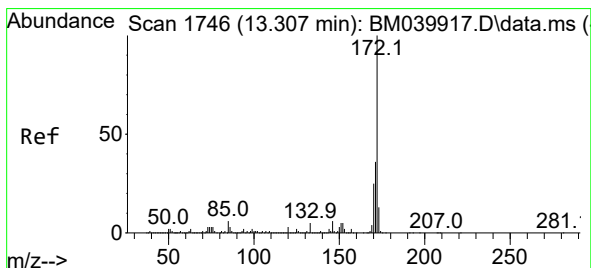
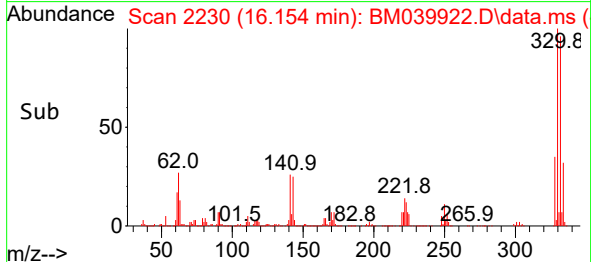
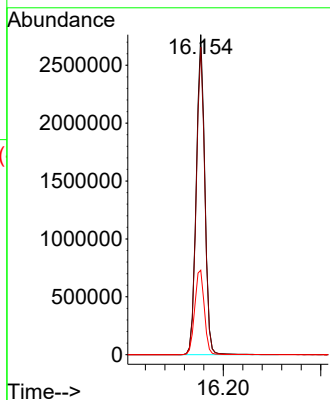
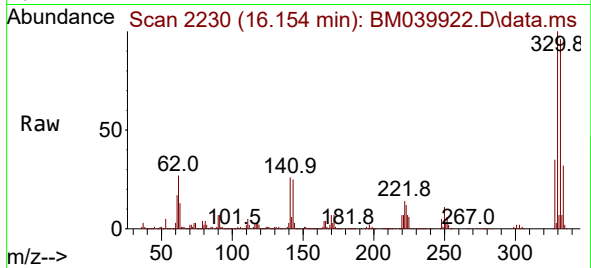




#42
2,4,6-Tribromophenol
Concen: 139.402 ng
RT: 16.154 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

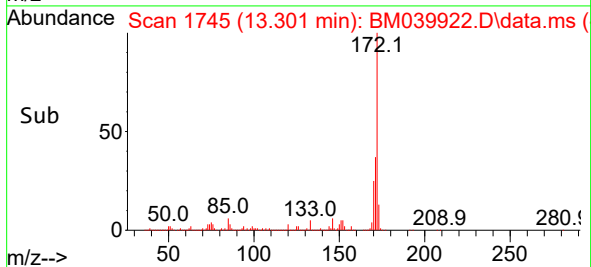
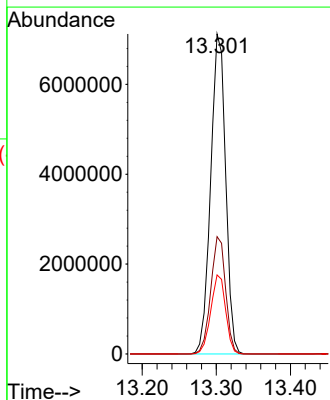
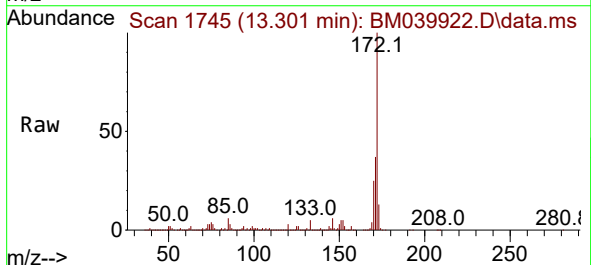
Instrument :
BNA_M
ClientSampleId :
PB152676TB

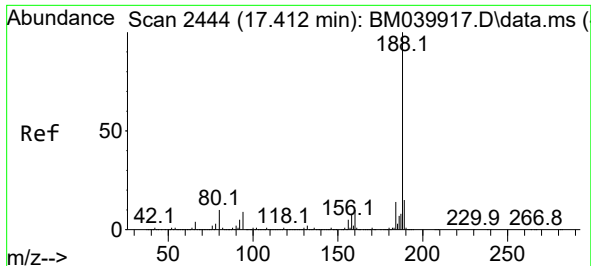
Tgt Ion:330 Resp: 3381522
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 29.9 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 101.496 ng
RT: 13.301 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:172 Resp: 9983381
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 24.7 19.9 29.9

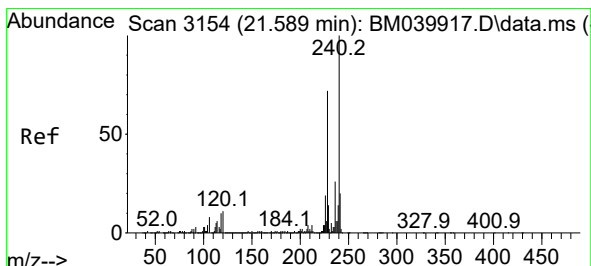
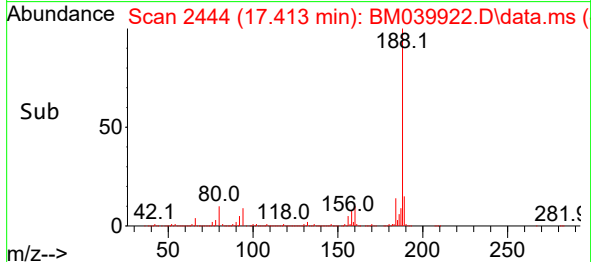
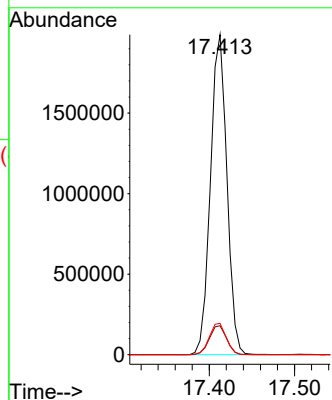
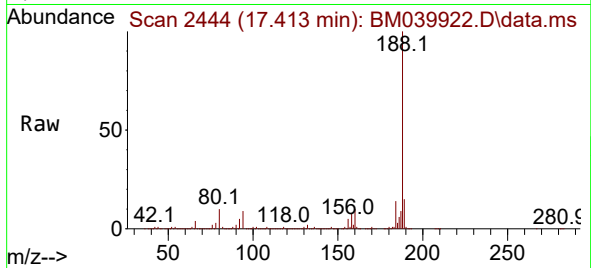




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.413 min Scan# 2444
Delta R.T. 0.001 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

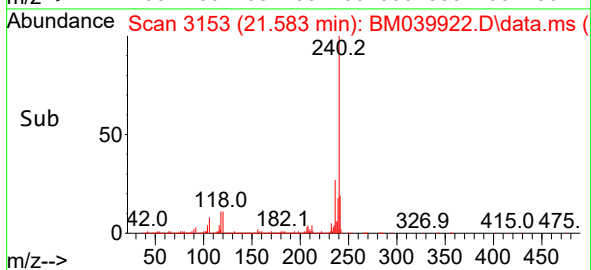
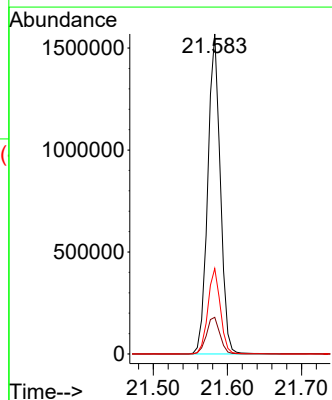
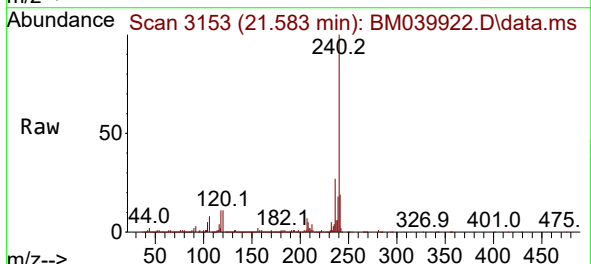
Instrument :
BNA_M
ClientSampleId :
PB152676TB

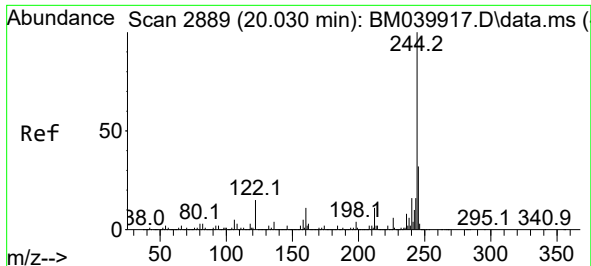
Tgt Ion:188 Resp: 2664485
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:240 Resp: 1845215
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 26.7 20.9 31.3

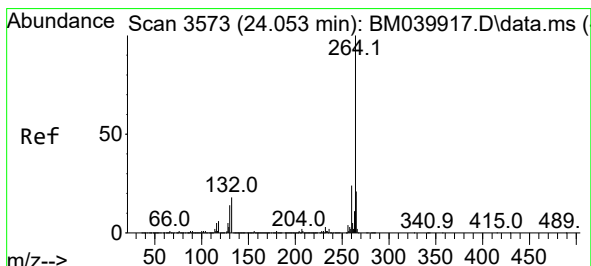
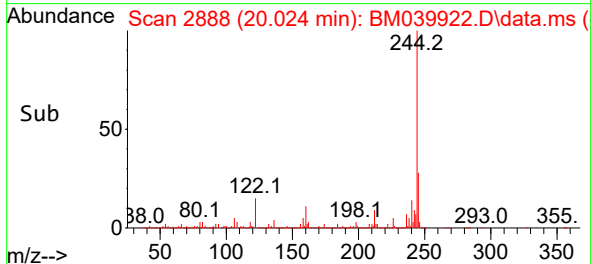
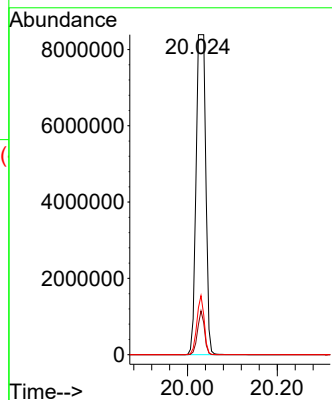
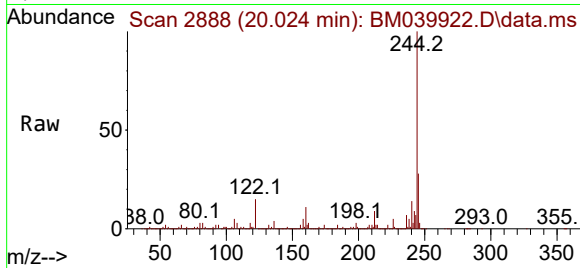




#79
 Terphenyl-d14
 Concen: 122.630 ng
 RT: 20.024 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039922.D
 Acq: 12 May 2023 17:56

Instrument :
 BNA_M
 ClientSampleId :
 PB152676TB

Tgt Ion:244 Resp:12502537
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.5 12.7
 122 14.7 12.1 18.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.042 min Scan# 3571
 Delta R.T. -0.012 min
 Lab File: BM039922.D
 Acq: 12 May 2023 17:56

Tgt Ion:264 Resp: 1767682
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.4 17.2 25.8

