

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
 Data File : BM039412.D
 Acq On : 13 Apr 2023 15:37
 Operator : CG/JU
 Sample : PB152103BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152103BL

Quant Time: Apr 13 16:09:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	250426	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	962821	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	524559	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	967648	20.000	ng	0.00
76) Chrysene-d12	21.456	240	729557	20.000	ng	0.00
86) Perylene-d12	23.844	264	774497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2350394	141.403	ng	0.02
7) Phenol-d6	7.069	99	2905649	135.152	ng	0.04
23) Nitrobenzene-d5	9.034	82	1728222	87.239	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	759386	114.043	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	3452174	89.168	ng	0.00
79) Terphenyl-d14	19.898	244	3848092	97.450	ng	0.00

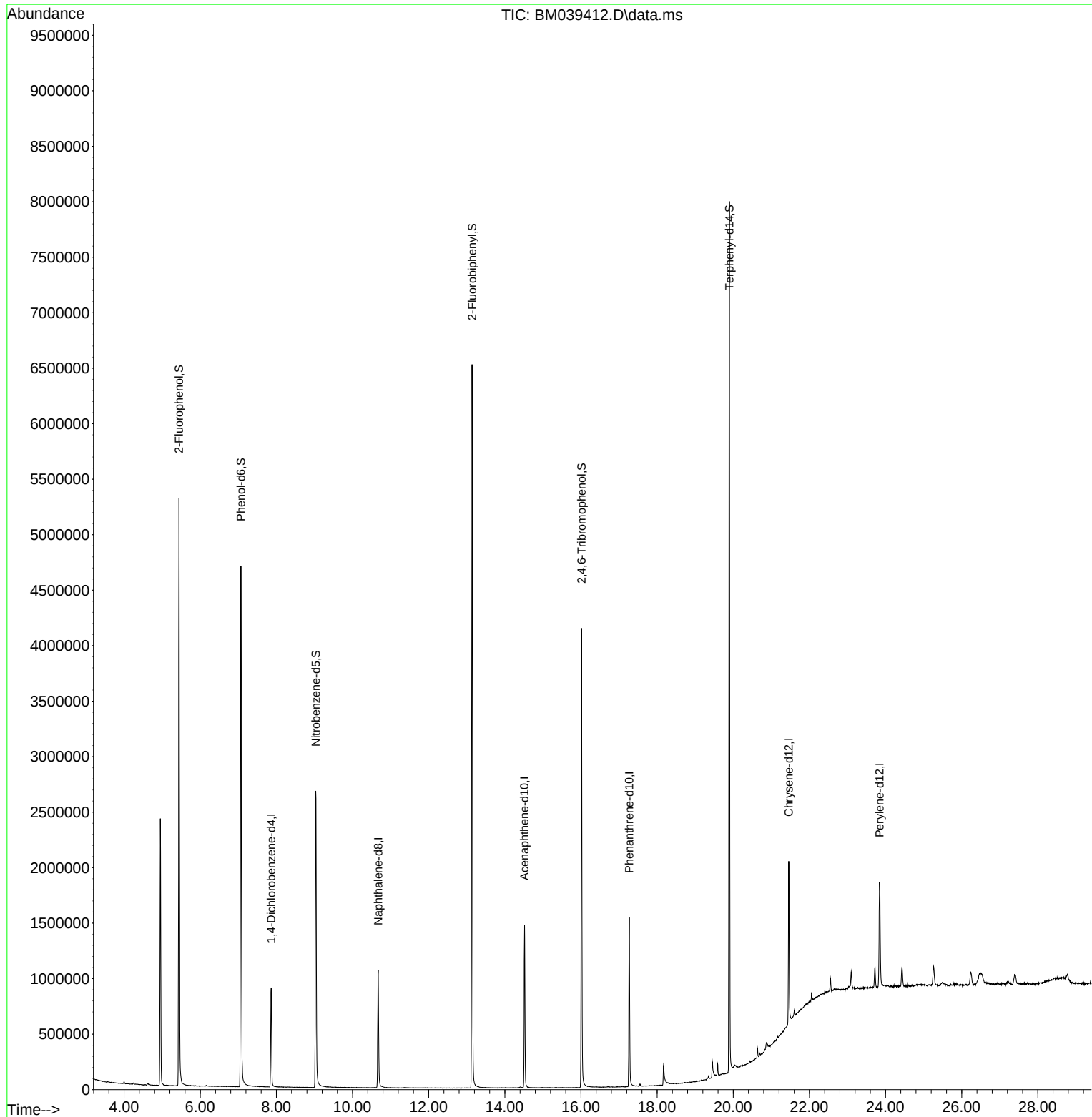
Target Compounds	Qvalue

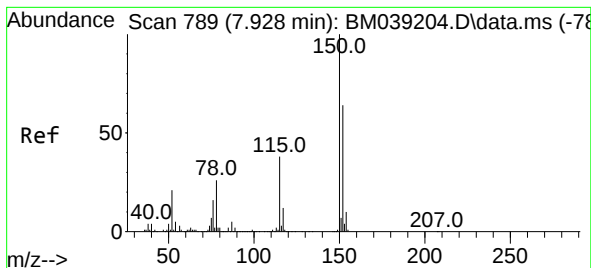
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039412.D
Acq On : 13 Apr 2023 15:37
Operator : CG/JU
Sample : PB152103BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB152103BL

Quant Time: Apr 13 16:09:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration

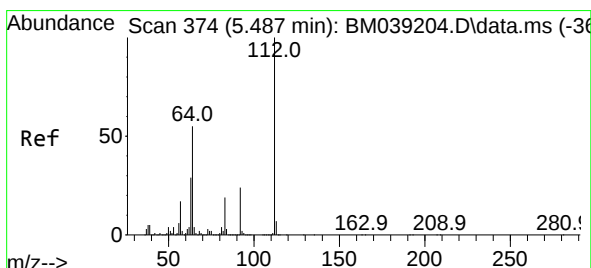
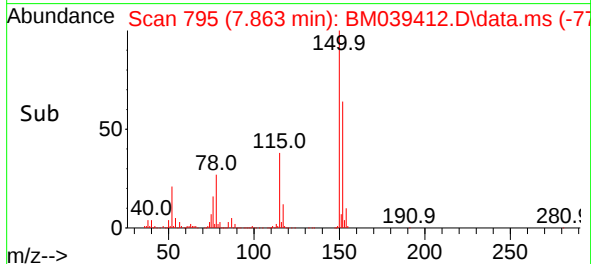
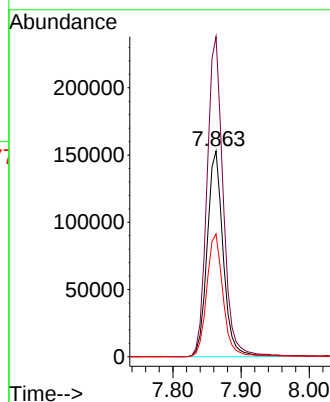
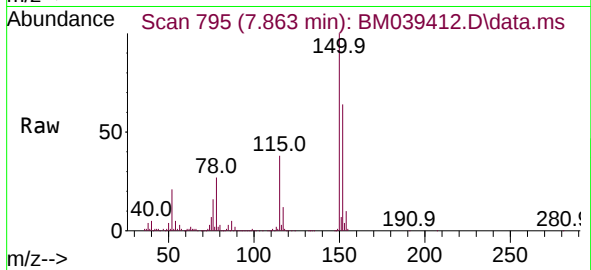




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BM039412.D
 Acq: 13 Apr 2023 15:37

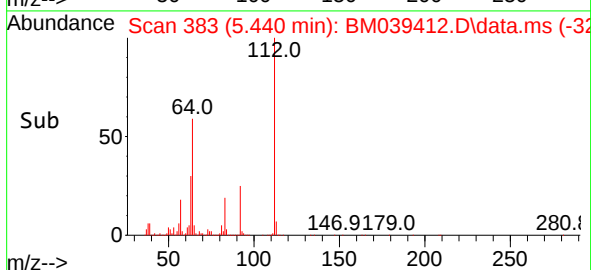
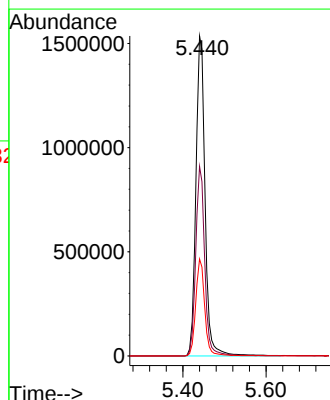
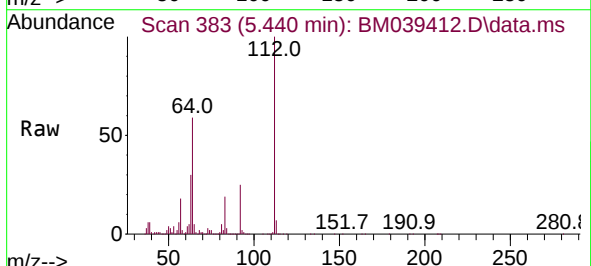
Instrument :
 BNA_M
 ClientSampleId :
 PB152103BL

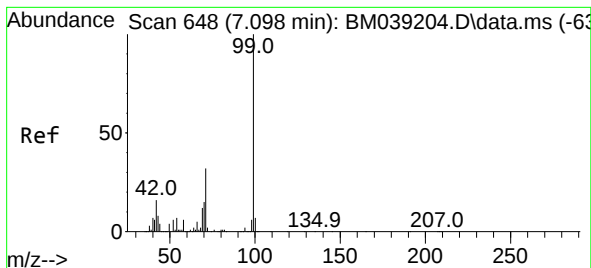
Tgt Ion:152 Resp: 250426
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.5 188.3
 115 59.6 48.1 72.1



#5
 2-Fluorophenol
 Concen: 141.403 ng
 RT: 5.440 min Scan# 383
 Delta R.T. 0.018 min
 Lab File: BM039412.D
 Acq: 13 Apr 2023 15:37

Tgt Ion:112 Resp: 2350394
 Ion Ratio Lower Upper
 112 100
 64 59.3 44.3 66.5
 63 30.3 23.0 34.6





#7

Phenol-d6

Concen: 135.152 ng

RT: 7.069 min Scan# 60

Delta R.T. 0.035 min

Lab File: BM039412.D

Acq: 13 Apr 2023 15:37

Instrument :

BNA_M

ClientSampleId :

PB152103BL

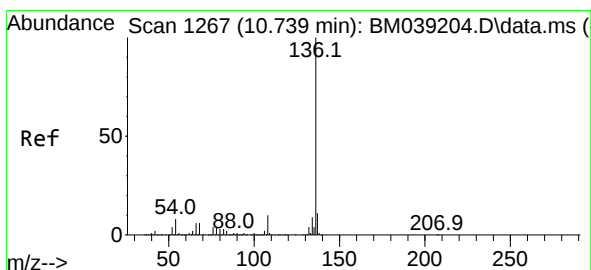
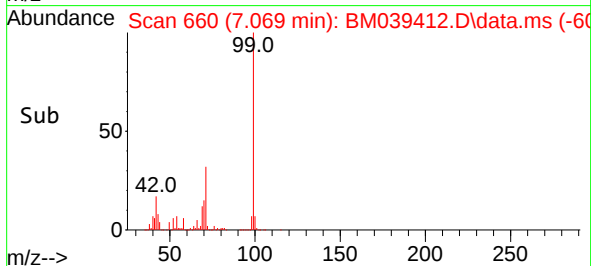
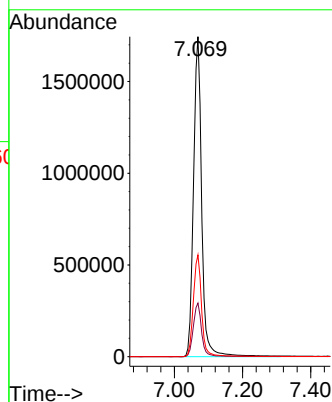
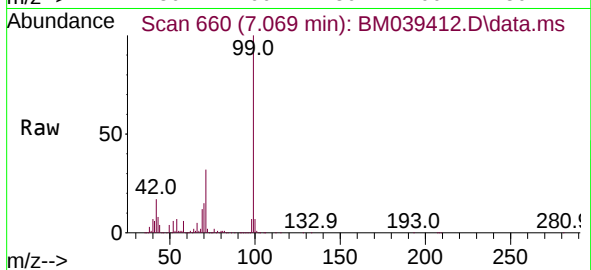
Tgt Ion: 99 Resp: 2905649

Ion Ratio Lower Upper

99 100

42 16.8 13.0 19.6

71 31.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.675 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BM039412.D

Acq: 13 Apr 2023 15:37

Tgt Ion: 136 Resp: 962821

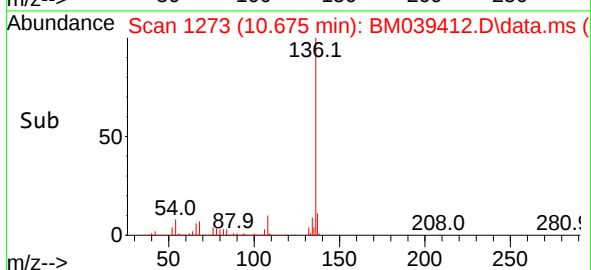
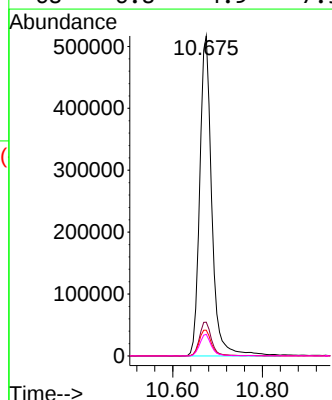
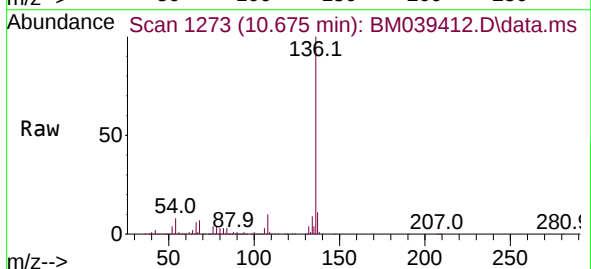
Ion Ratio Lower Upper

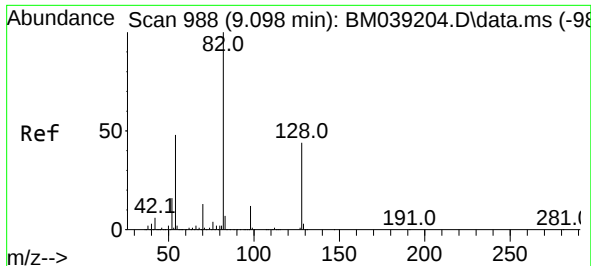
136 100

137 10.6 8.9 13.3

54 8.0 6.2 9.4

68 6.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 87.239 ng

RT: 9.034 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039412.D

Acq: 13 Apr 2023 15:37

Instrument :

BNA_M

ClientSampleId :

PB152103BL

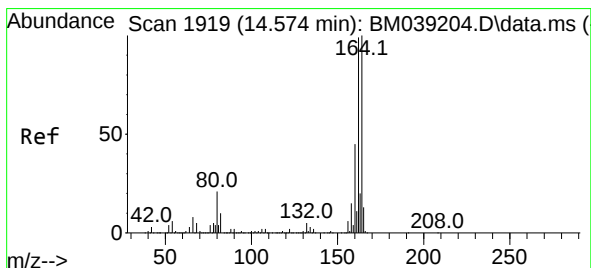
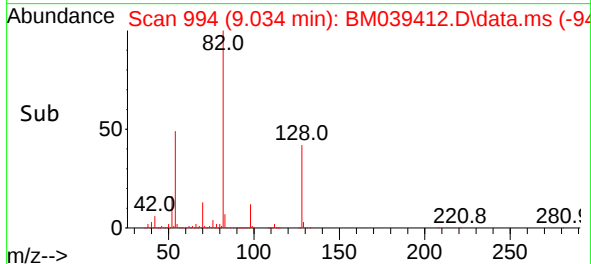
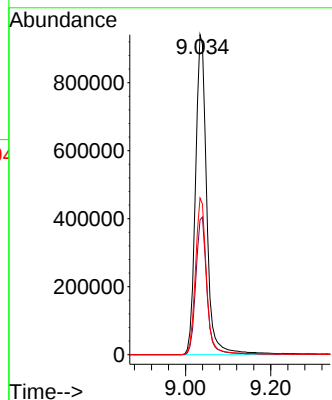
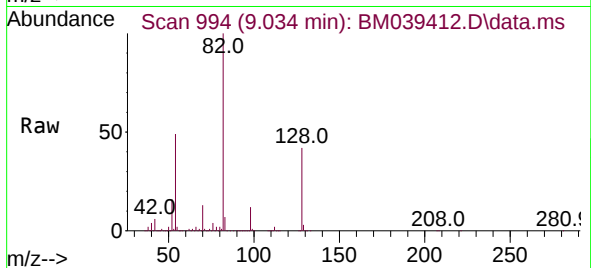
Tgt Ion: 82 Resp: 1728222

Ion Ratio Lower Upper

82 100

128 42.1 35.1 52.7

54 48.9 38.5 57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.516 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BM039412.D

Acq: 13 Apr 2023 15:37

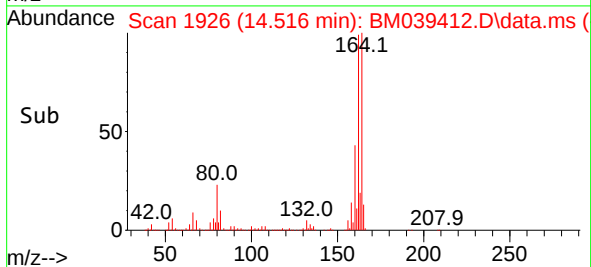
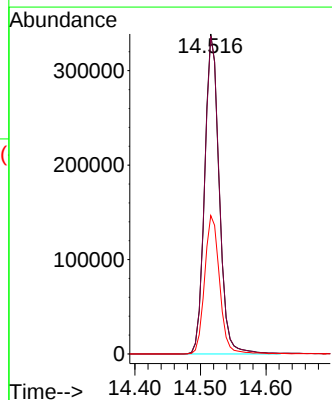
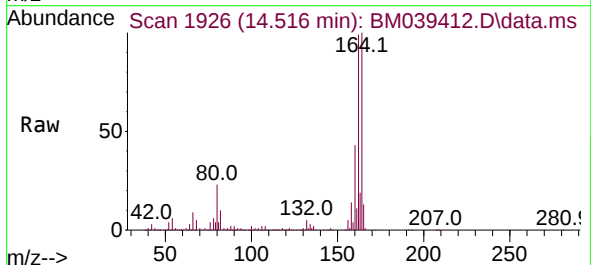
Tgt Ion: 164 Resp: 524559

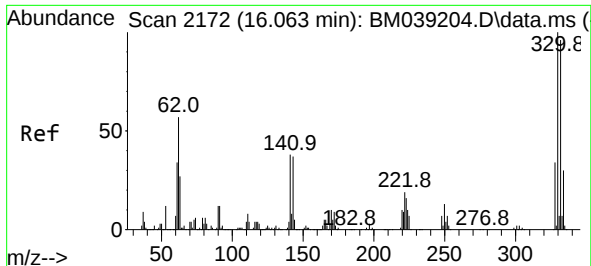
Ion Ratio Lower Upper

164 100

162 99.4 79.1 118.7

160 43.2 35.8 53.8

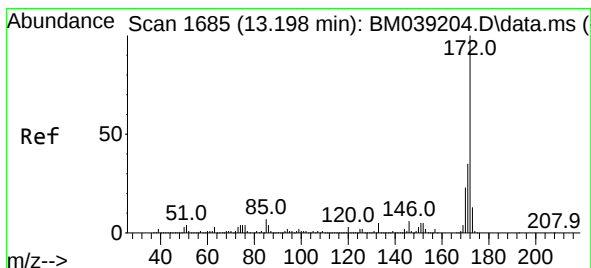
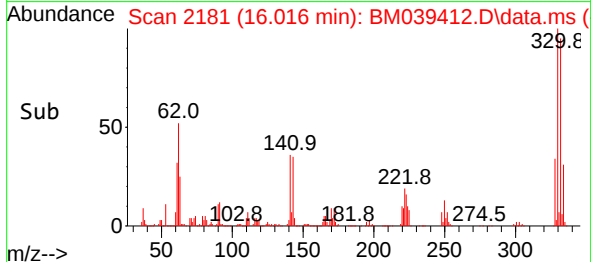
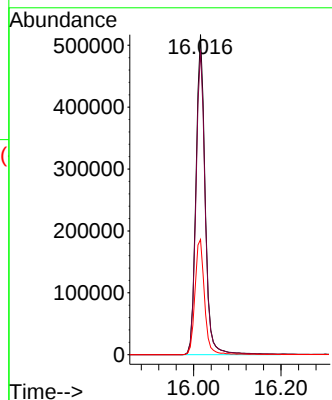
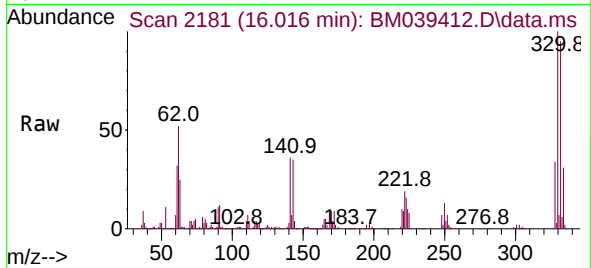




#42
2,4,6-Tribromophenol
Concen: 114.043 ng
RT: 16.016 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM039412.D
Acq: 13 Apr 2023 15:37

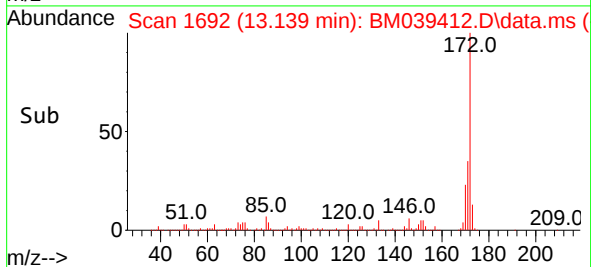
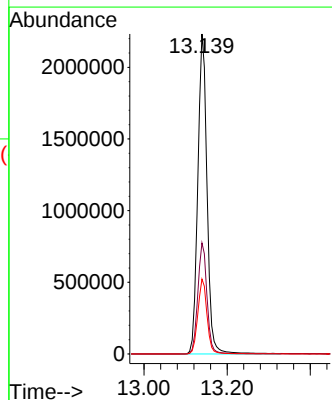
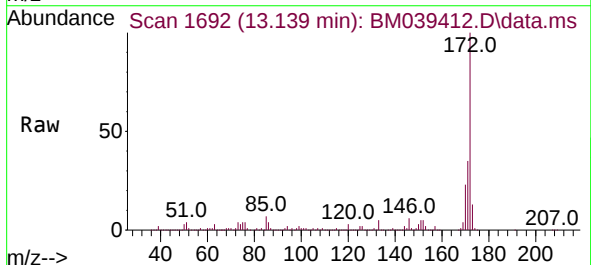
Instrument :
BNA_M
ClientSampleId :
PB152103BL

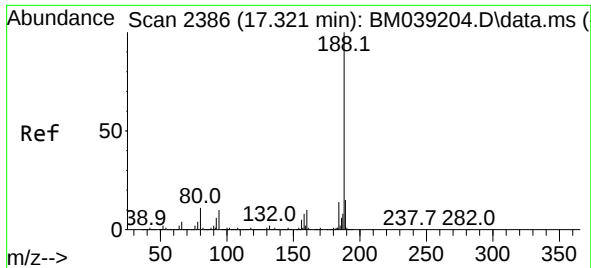
Tgt Ion:330 Resp: 759386
Ion Ratio Lower Upper
330 100
332 95.2 77.4 116.0
141 37.5 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 89.168 ng
RT: 13.139 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM039412.D
Acq: 13 Apr 2023 15:37

Tgt Ion:172 Resp: 3452174
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.4 18.7 28.1

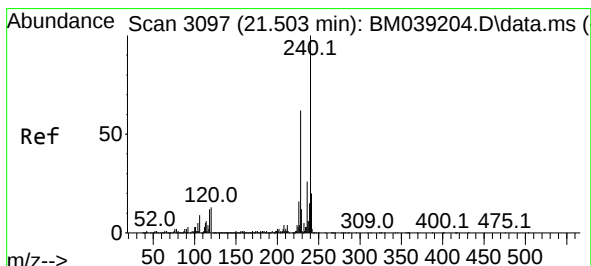
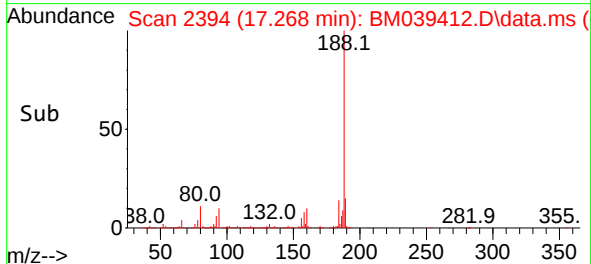
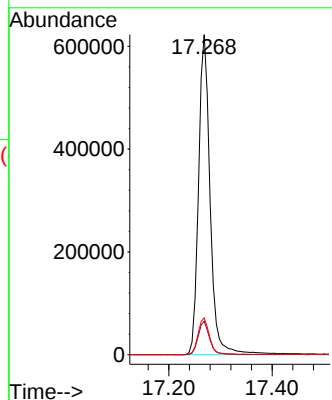
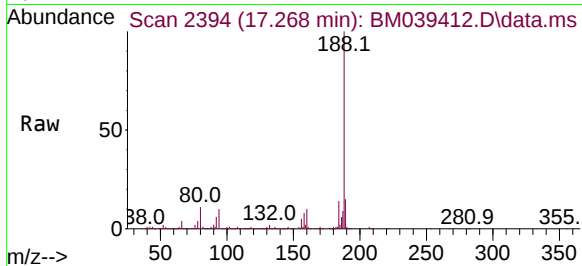




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039412.D
Acq: 13 Apr 2023 15:37

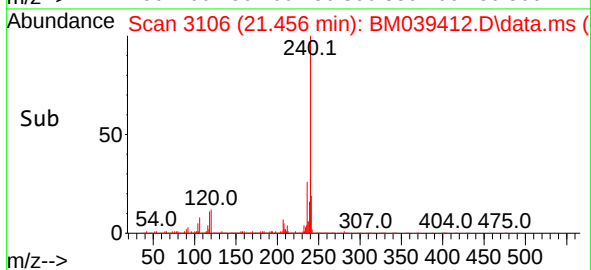
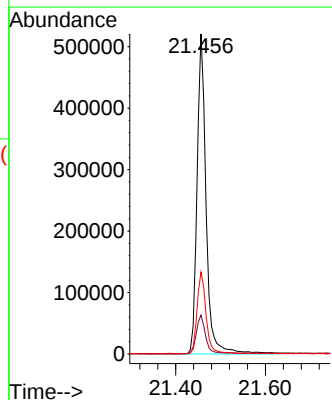
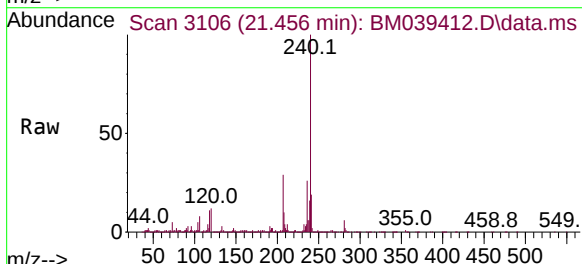
Instrument :
BNA_M
ClientSampleId :
PB152103BL

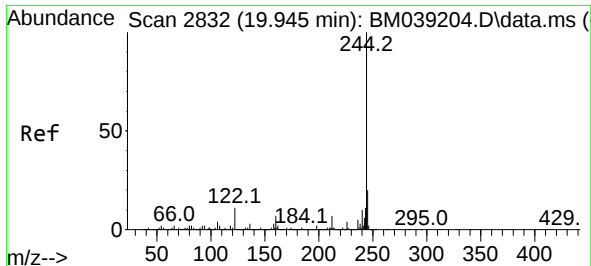
Tgt Ion:188 Resp: 967648
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 11.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM039412.D
Acq: 13 Apr 2023 15:37

Tgt Ion:240 Resp: 729557
Ion Ratio Lower Upper
240 100
120 12.1 10.2 15.2
236 25.6 20.9 31.3

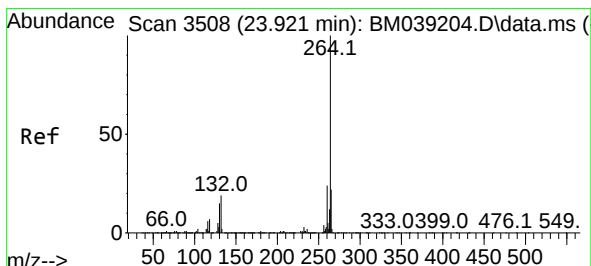
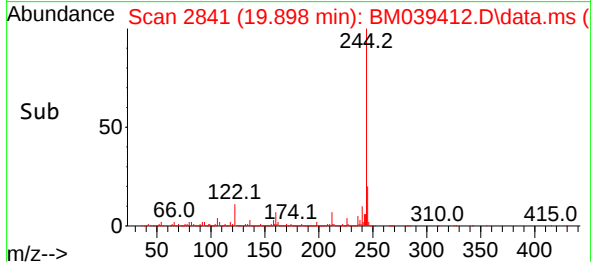
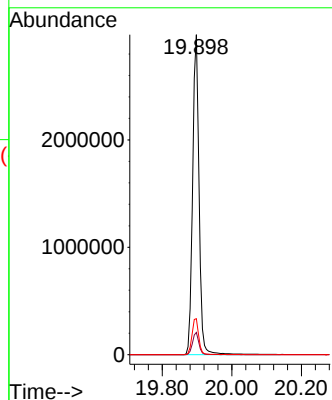
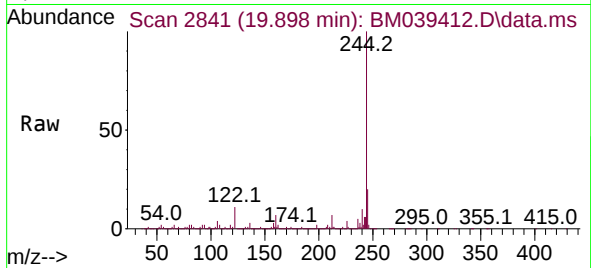




#79
 Terphenyl-d14
 Concen: 97.450 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039412.D
 Acq: 13 Apr 2023 15:37

Instrument :
 BNA_M
 ClientSampleId :
 PB152103BL

Tgt Ion:244 Resp: 3848092
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.2 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BM039412.D
 Acq: 13 Apr 2023 15:37

Tgt Ion:264 Resp: 774497
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 23.0 18.1 27.1

