

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042568.D
 Acq On : 03 Nov 2023 13:35
 Operator : MA/JU
 Sample : PB156852BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156852BL

Quant Time: Nov 03 22:37:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

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

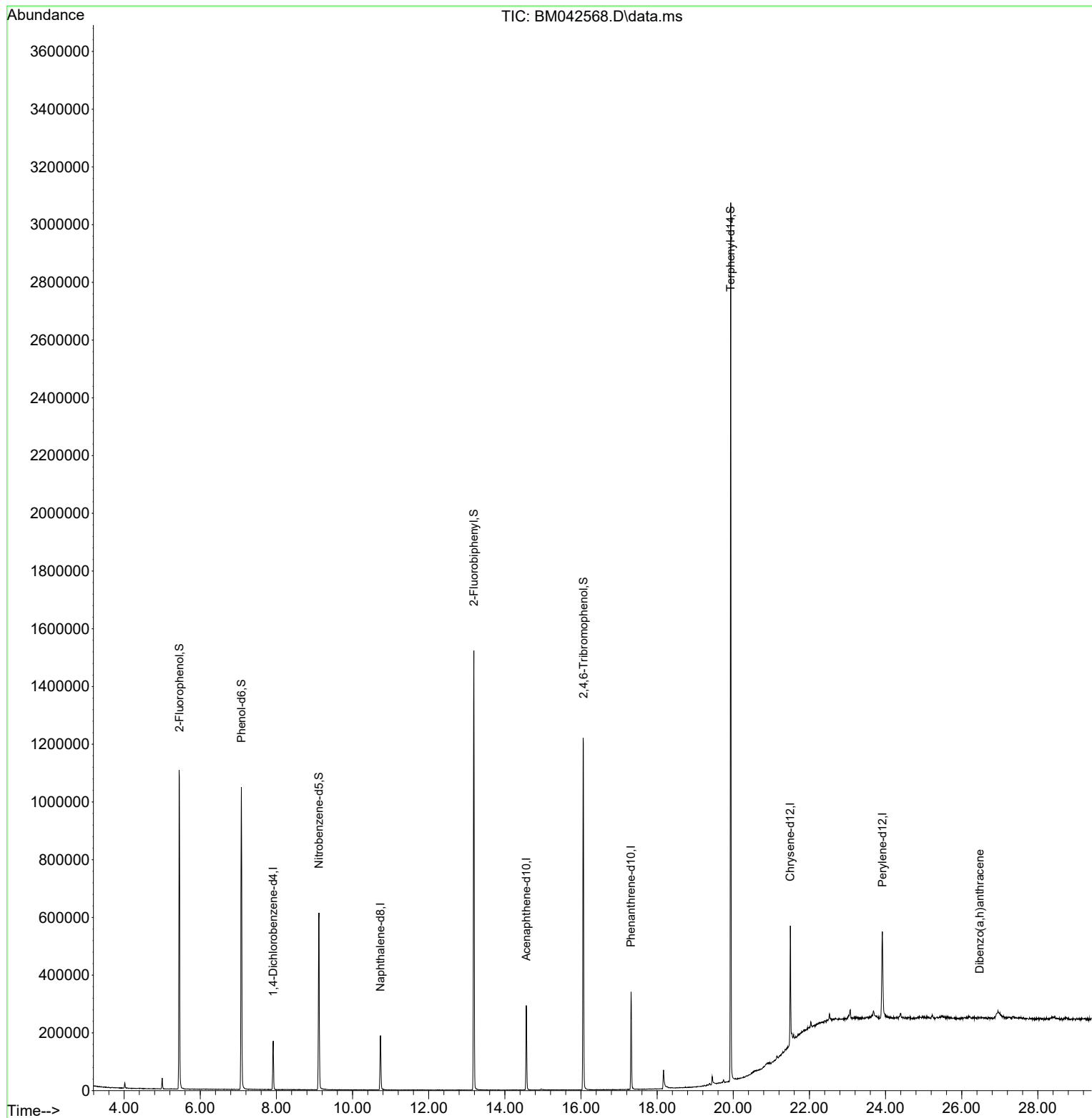
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	39403	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	145626	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	90178	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	192627	20.000	ng	0.00
76) Chrysene-d12	21.498	240	203383	20.000	ng	0.00
86) Perylene-d12	23.915	264	247735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	393073	160.996	ng	0.01
7) Phenol-d6	7.081	99	495891	148.097	ng	0.00
23) Nitrobenzene-d5	9.116	82	331388	106.081	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	197636	167.865	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	674296	100.616	ng	0.00
79) Terphenyl-d14	19.933	244	1246734	103.940	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.474	278	62	4.142	ng	Qvalue # 1

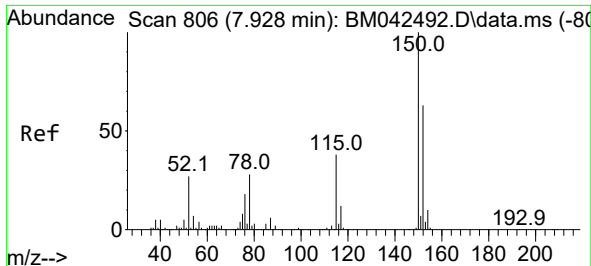
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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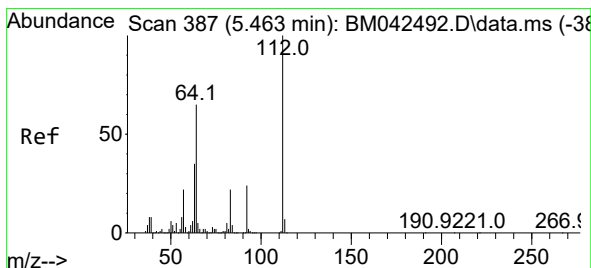
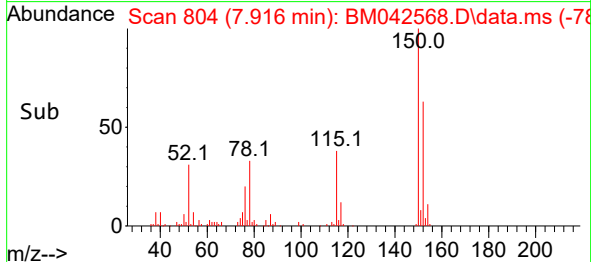
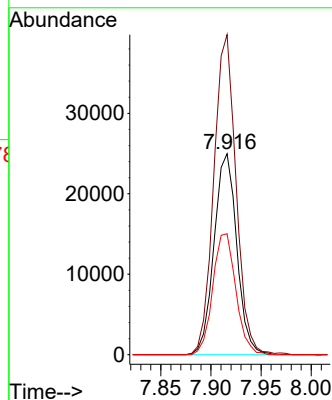
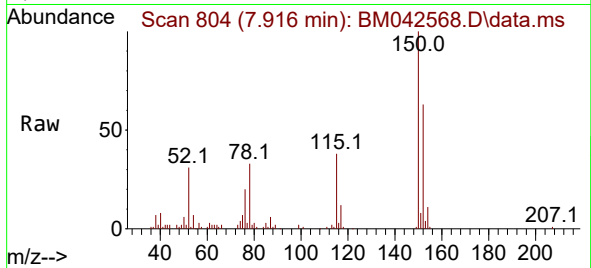




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042568.D
Acq: 03 Nov 2023 13:35

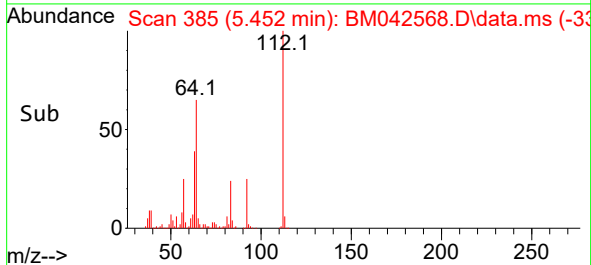
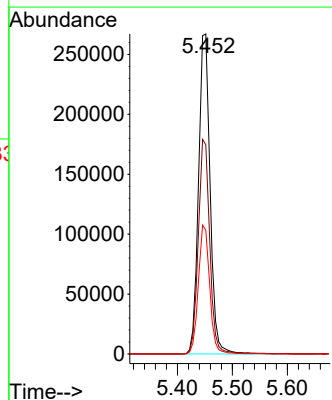
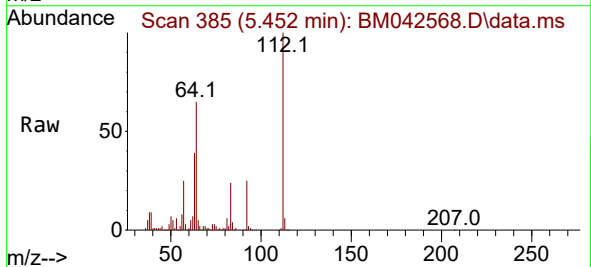
Instrument :
BNA_M
ClientSampleId :
PB156852BL

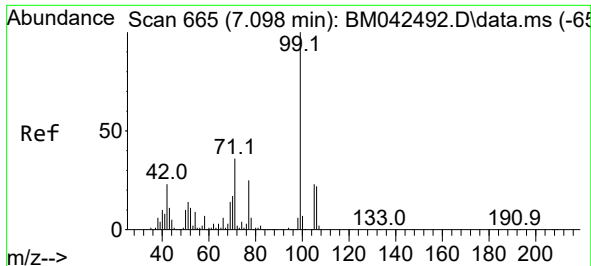
Tgt Ion:152 Resp: 39403
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.0
115 60.2 47.9 71.9



#5
2-Fluorophenol
Concen: 160.996 ng
RT: 5.452 min Scan# 385
Delta R.T. 0.012 min
Lab File: BM042568.D
Acq: 03 Nov 2023 13:35

Tgt Ion:112 Resp: 393073
Ion Ratio Lower Upper
112 100
64 65.4 52.1 78.1
63 38.6 28.3 42.5

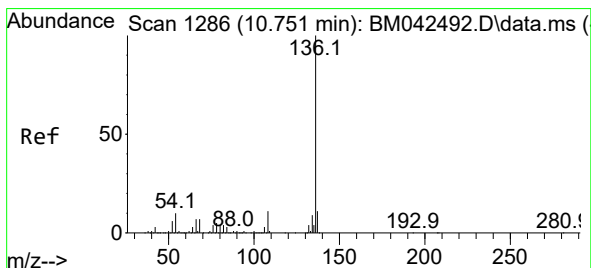
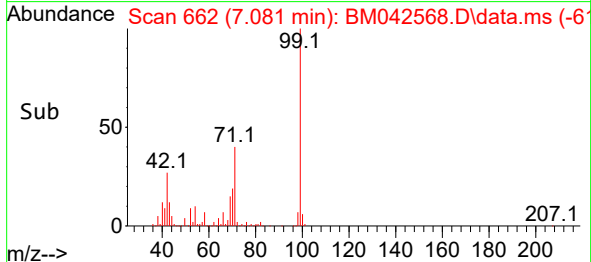
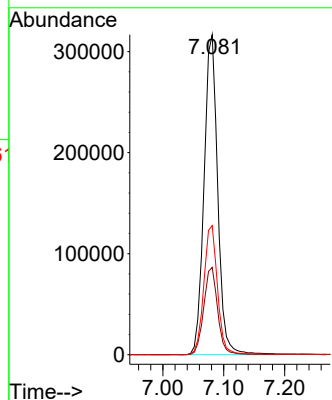
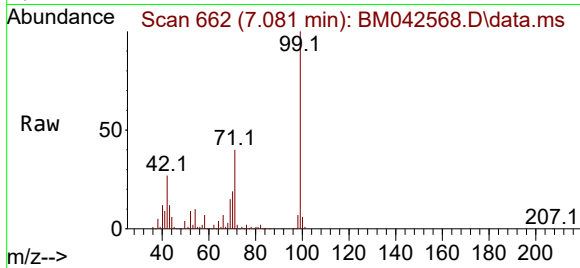




#7
Phenol-d6
Concen: 148.097 ng
RT: 7.081 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM042568.D
Acq: 03 Nov 2023 13:35

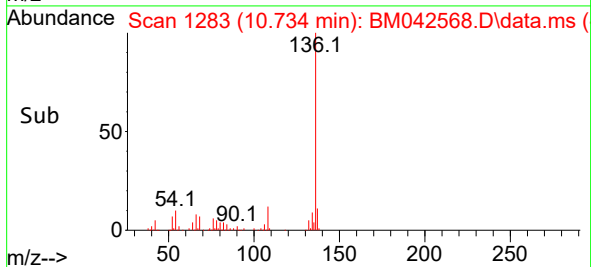
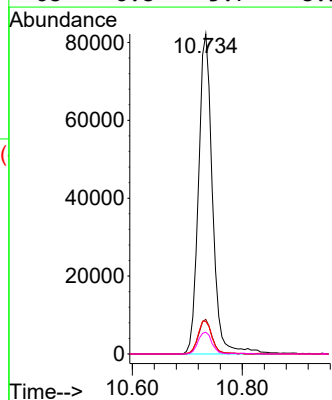
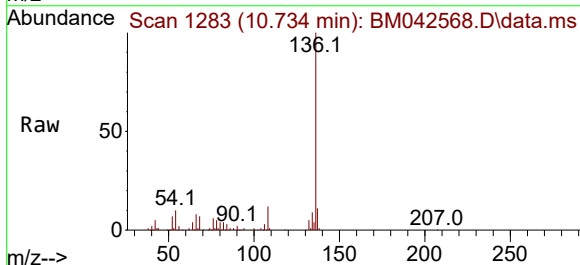
Instrument :
BNA_M
ClientSampleId :
PB156852BL

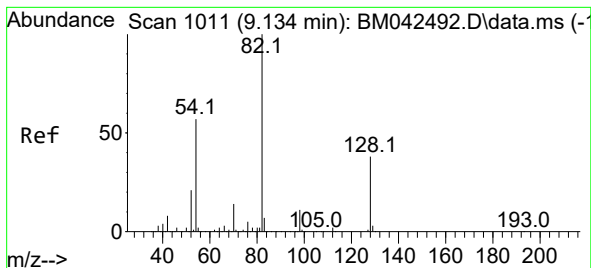
Tgt Ion: 99 Resp: 495891
Ion Ratio Lower Upper
99 100
42 27.3 18.7 28.1
71 40.4 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BM042568.D
Acq: 03 Nov 2023 13:35

Tgt Ion:136 Resp: 145626
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.2 8.0 12.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 106.081 ng

RT: 9.116 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM042568.D

Acq: 03 Nov 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB156852BL

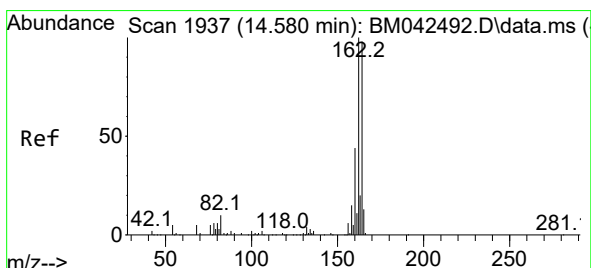
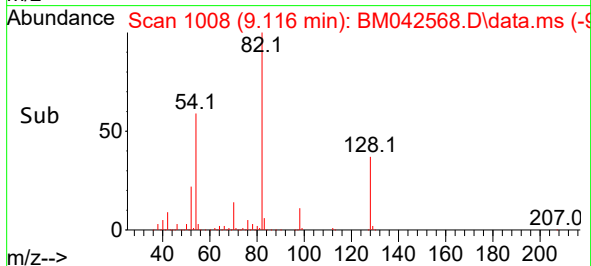
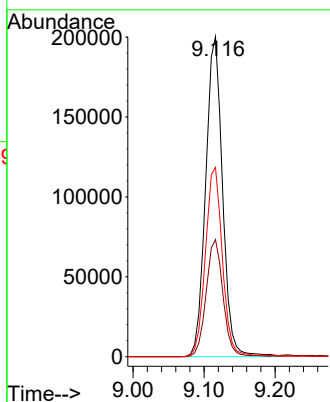
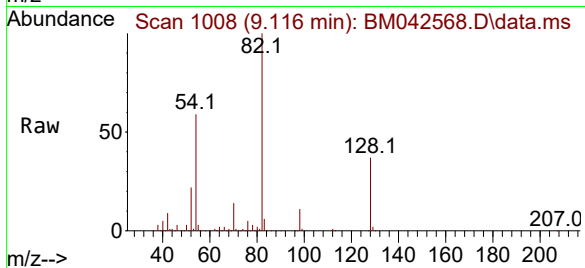
Tgt Ion: 82 Resp: 331388

Ion Ratio Lower Upper

82 100

128 36.6 30.7 46.1

54 59.2 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BM042568.D

Acq: 03 Nov 2023 13:35

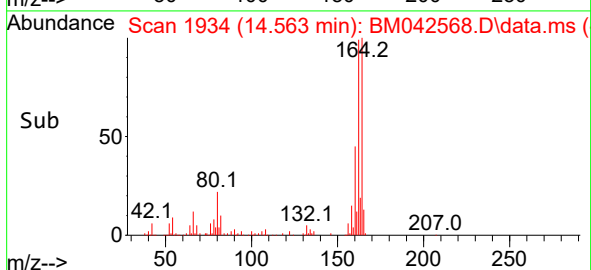
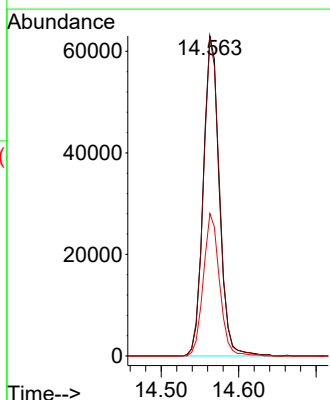
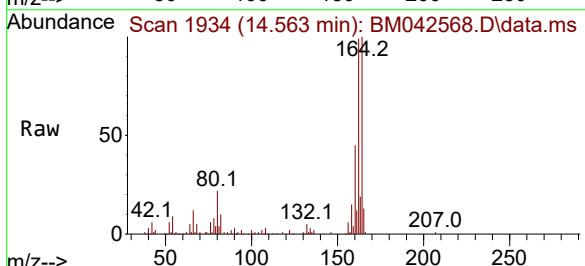
Tgt Ion: 164 Resp: 90178

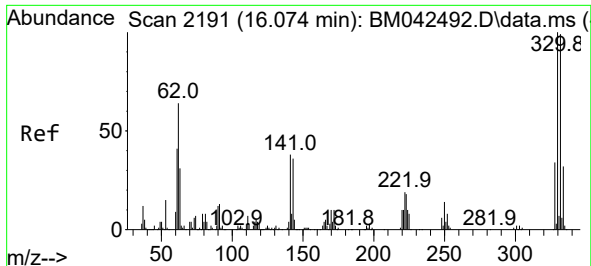
Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

160 44.5 36.2 54.4

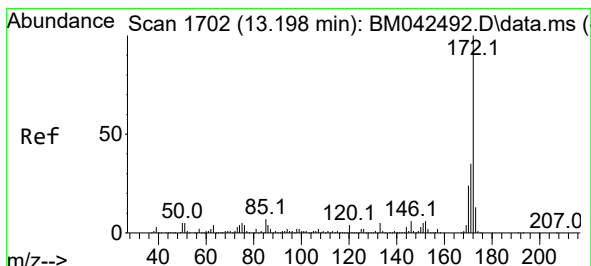
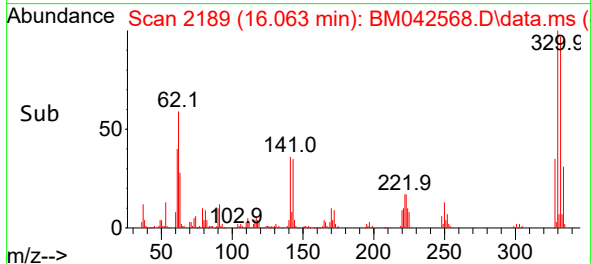
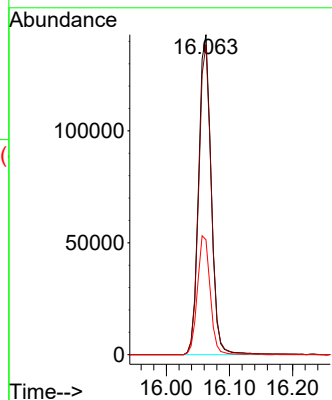
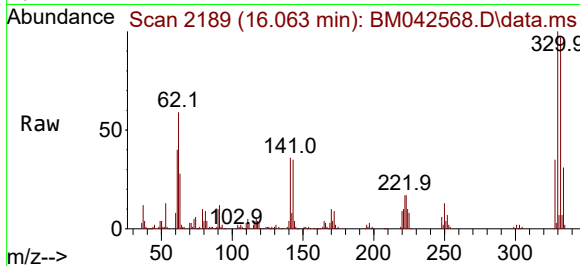




#42
2,4,6-Tribromophenol
Concen: 167.865 ng
RT: 16.063 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BM042568.D
Acq: 03 Nov 2023 13:35

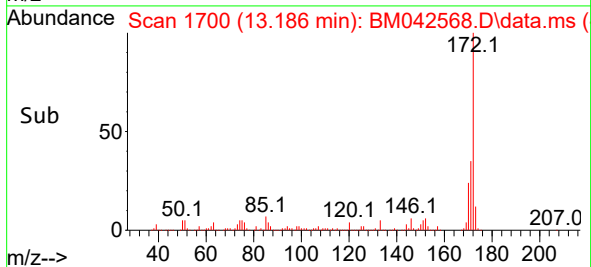
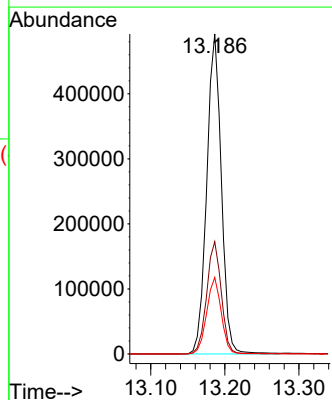
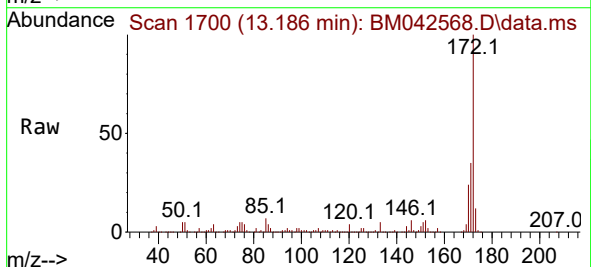
Instrument :
BNA_M
ClientSampleId :
PB156852BL

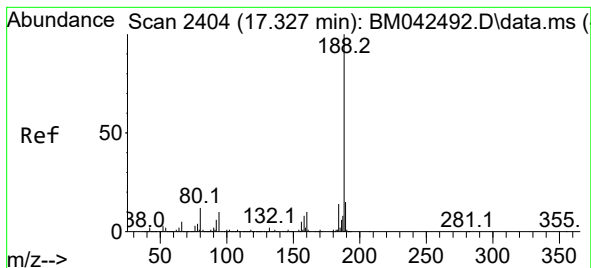
Tgt Ion:330 Resp: 197636
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 37.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 100.616 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM042568.D
Acq: 03 Nov 2023 13:35

Tgt Ion:172 Resp: 674296
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042568.D

Acq: 03 Nov 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB156852BL

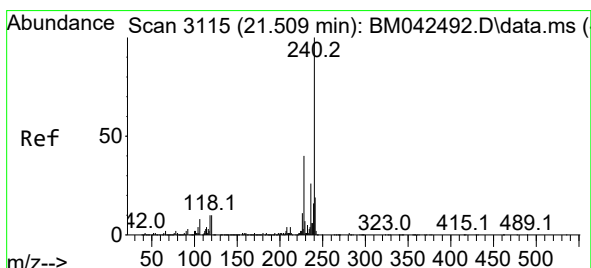
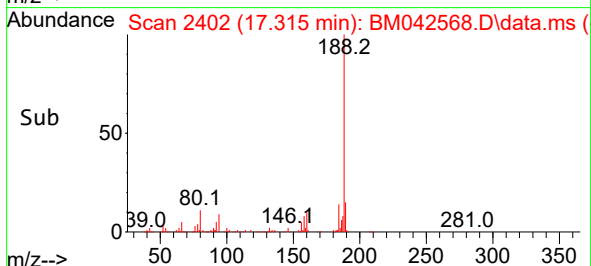
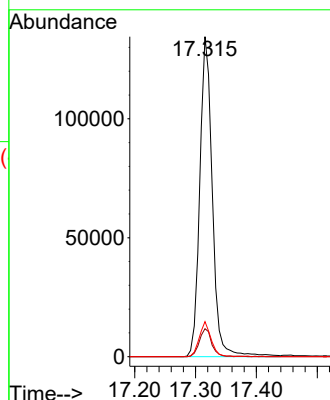
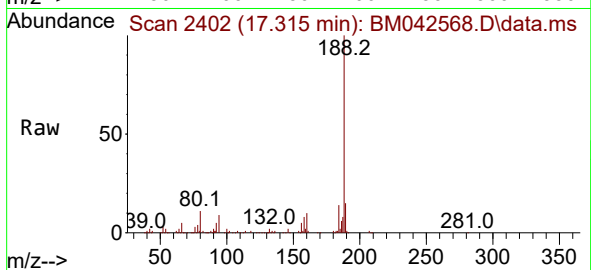
Tgt Ion:188 Resp: 192627

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.4

80 10.9 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM042568.D

Acq: 03 Nov 2023 13:35

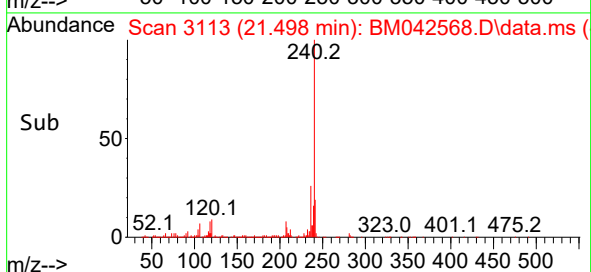
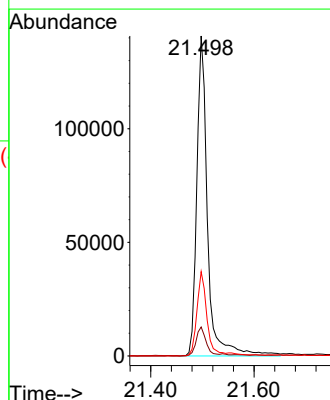
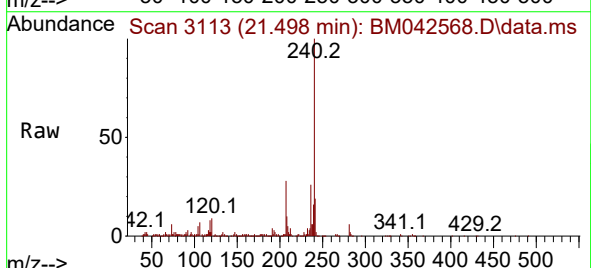
Tgt Ion:240 Resp: 203383

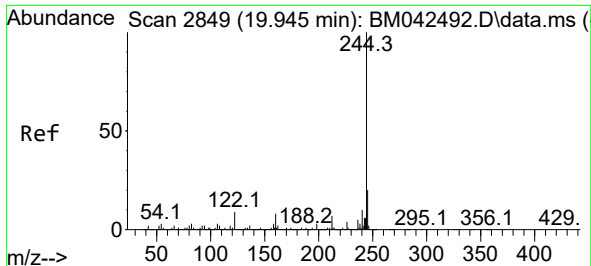
Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

236 26.4 20.8 31.2

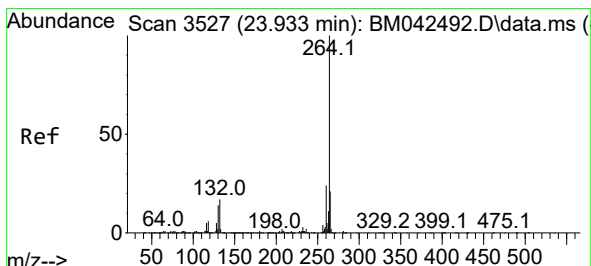
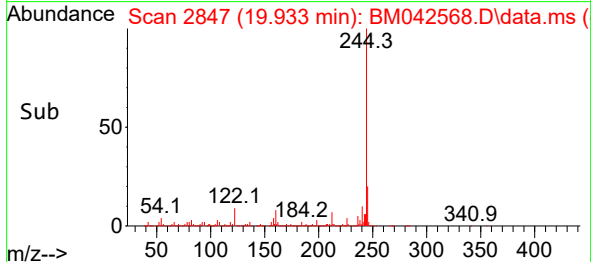
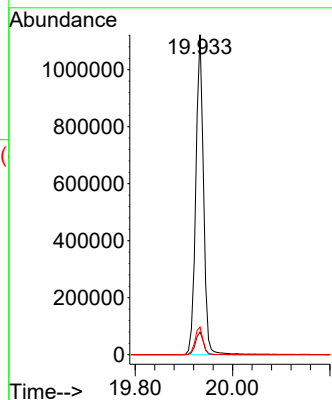
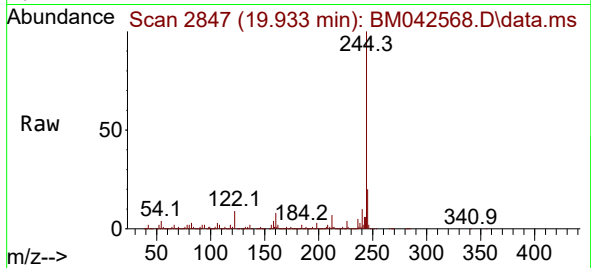




#79
 Terphenyl-d14
 Concen: 103.940 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042568.D
 Acq: 03 Nov 2023 13:35

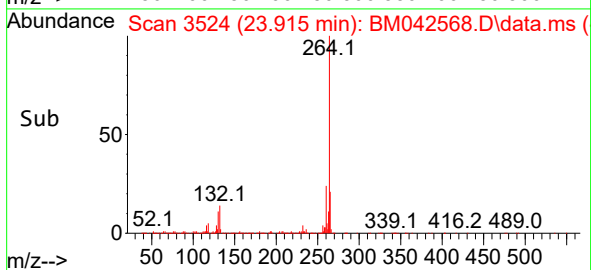
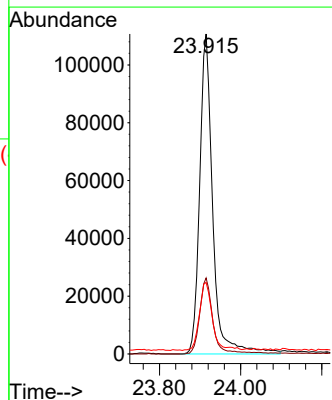
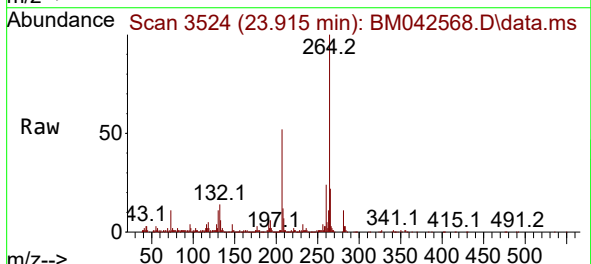
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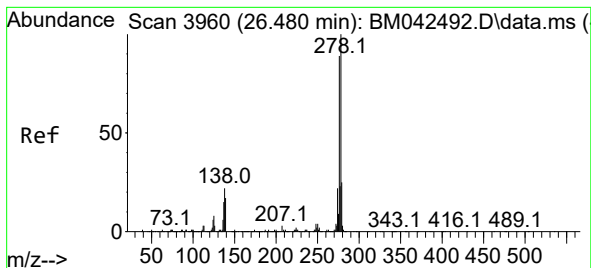
Tgt Ion:244 Resp: 1246734
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.7 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.915 min Scan# 3524
 Delta R.T. -0.000 min
 Lab File: BM042568.D
 Acq: 03 Nov 2023 13:35

Tgt Ion:264 Resp: 247735
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.4 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.142 ng

RT: 26.474 min Scan# 39

Delta R.T. 0.006 min

Lab File: BM042568.D

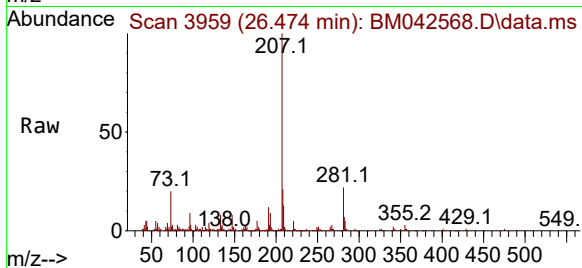
Acq: 03 Nov 2023 13:35

Instrument :

BNA_M

ClientSampleId :

PB156852BL



Tgt Ion:278 Resp: 62

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.2#

279 117.0 19.7 29.5#

