

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043998.D
 Acq On : 06 Feb 2024 18:53
 Operator : MA/JU
 Sample : PB158215BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158215BL

Quant Time: Feb 07 03:52:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	183431	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	764758	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	477724	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1184361	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1561729	20.000	ng	0.00
86) Perylene-d12	23.927	264	1925996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1824845	146.911	ng	0.00
7) Phenol-d6	7.087	99	2341349	127.575	ng	0.00
23) Nitrobenzene-d5	9.092	82	1305657	82.300	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	623245	107.024	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3005402	86.444	ng	0.00
79) Terphenyl-d14	19.956	244	7212168	89.148	ng	0.00

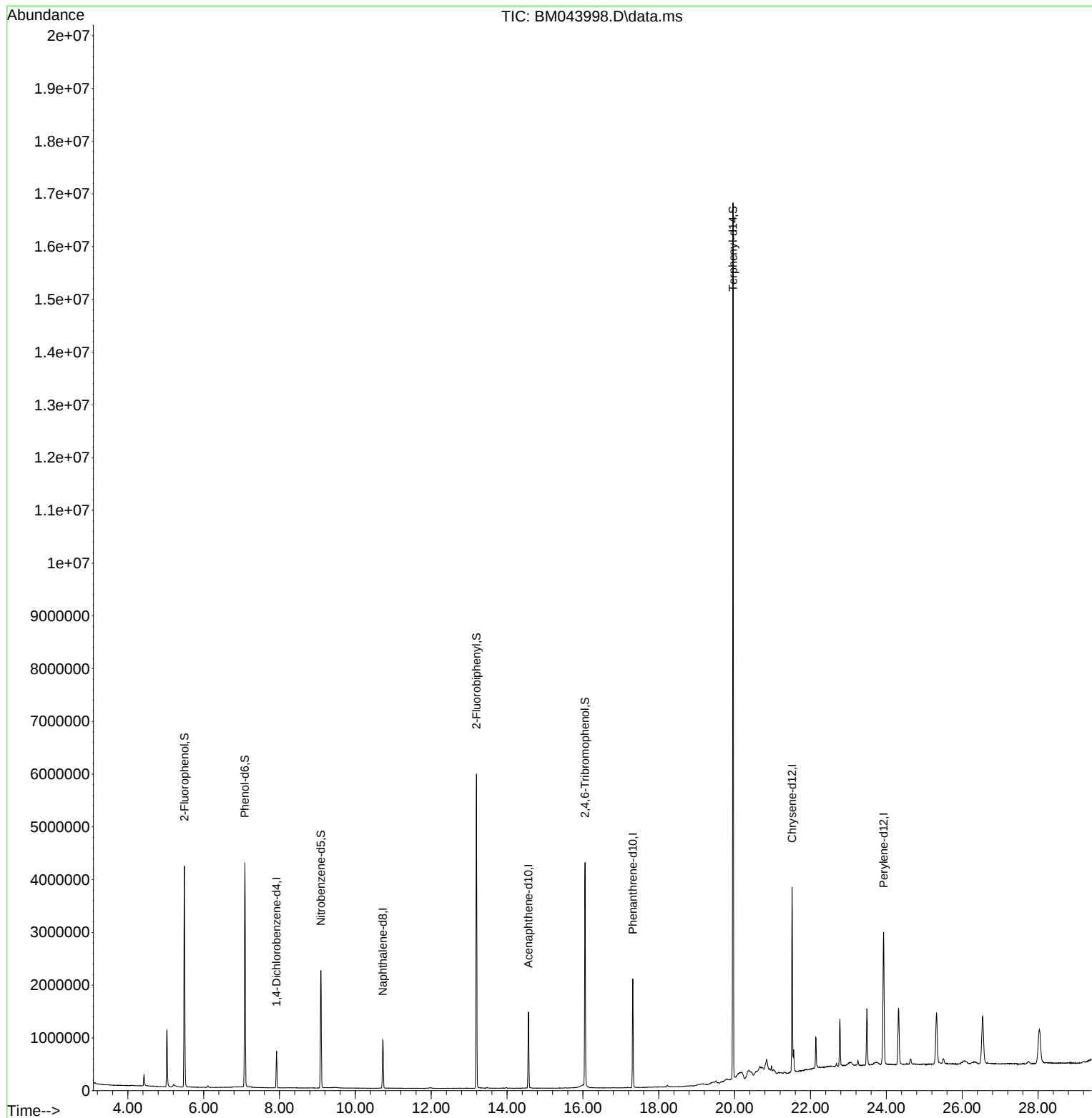
Target Compounds	Qvalue

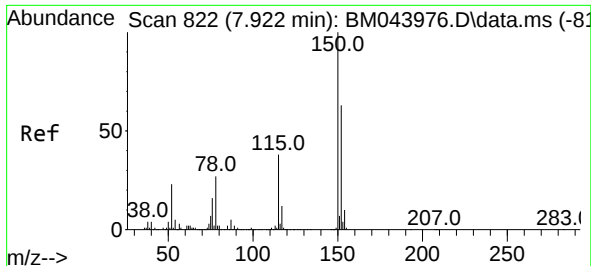
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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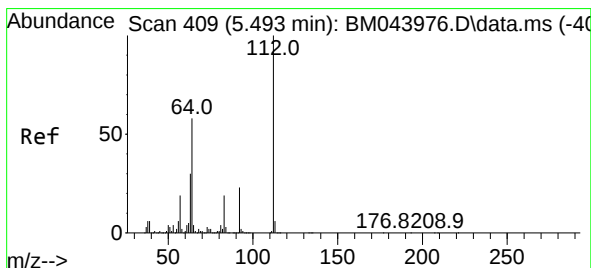
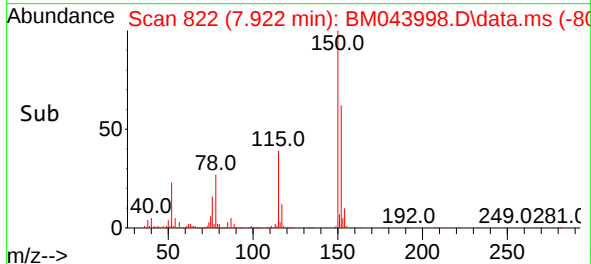
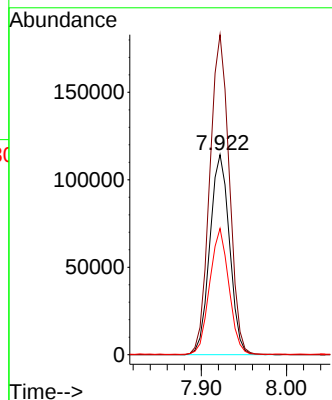
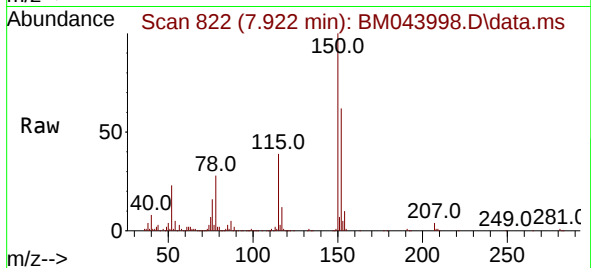




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043998.D
 Acq: 06 Feb 2024 18:53

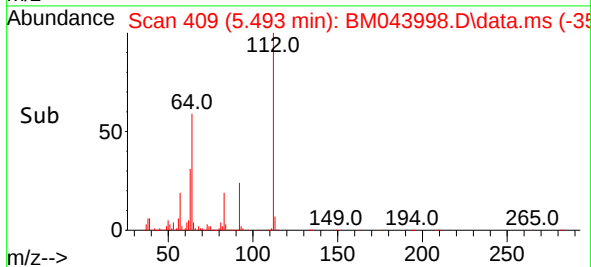
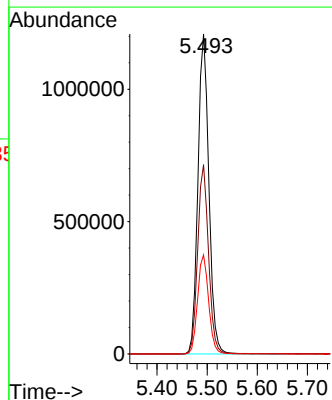
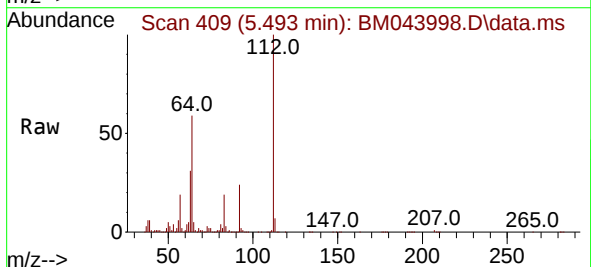
Instrument :
 BNA_M
 ClientSampleId :
 PB158215BL

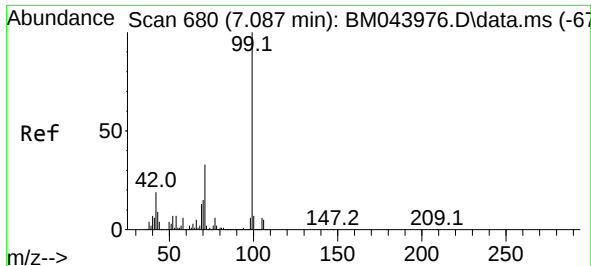
Tgt Ion:152 Resp: 183431
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.1 189.1
 115 63.2 48.2 72.2



#5
 2-Fluorophenol
 Concen: 146.911 ng
 RT: 5.493 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BM043998.D
 Acq: 06 Feb 2024 18:53

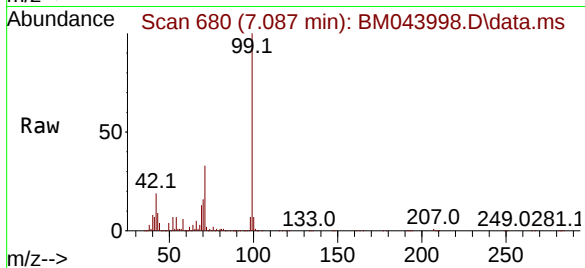
Tgt Ion:112 Resp: 1824845
 Ion Ratio Lower Upper
 112 100
 64 59.2 46.6 70.0
 63 30.9 24.2 36.4





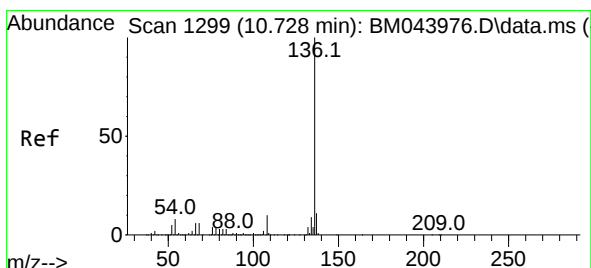
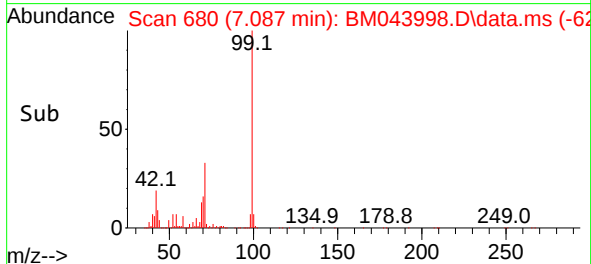
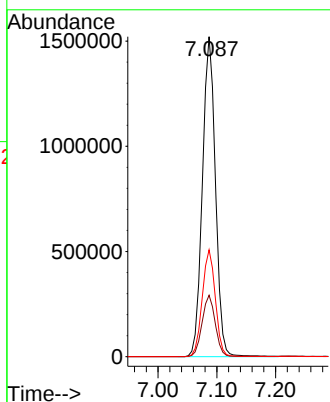
#7
Phenol-d6
Concen: 127.575 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Instrument :
BNA_M
ClientSampleId :
PB158215BL



Tgt Ion: 99 Resp: 2341349

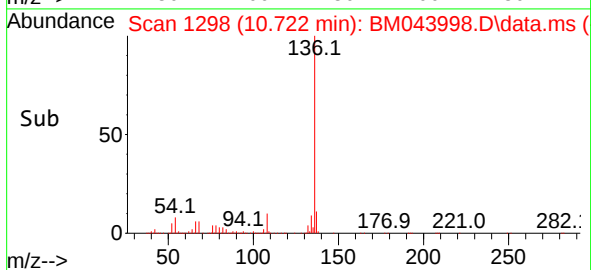
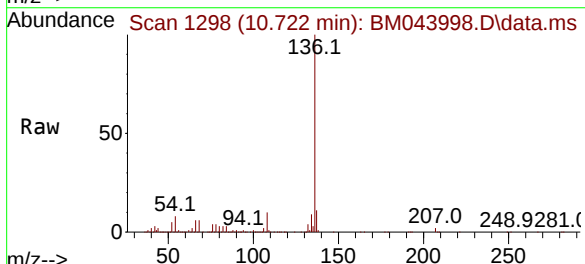
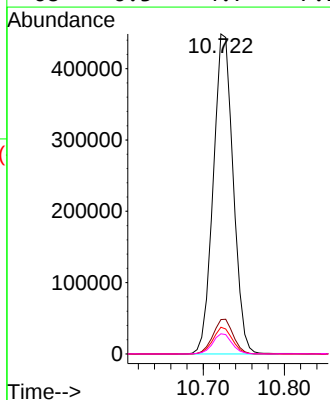
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	33.4	26.3	39.5

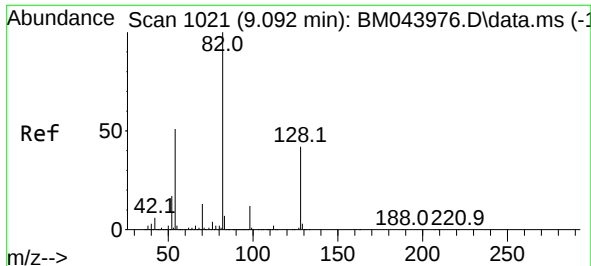


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Tgt Ion: 136 Resp: 764758

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.3	6.5	9.7
68	6.3	4.7	7.1

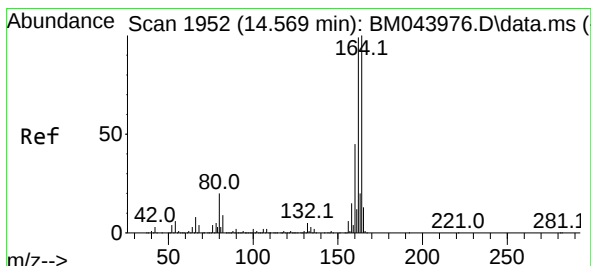
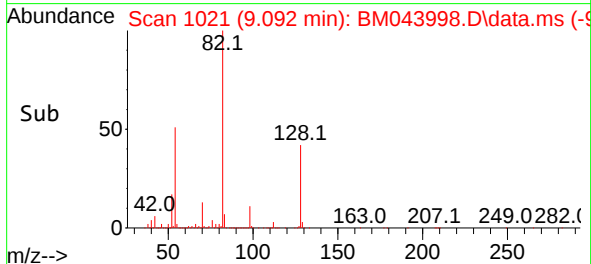
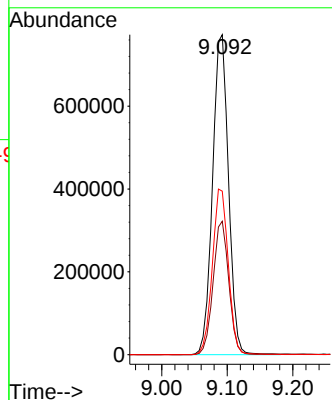
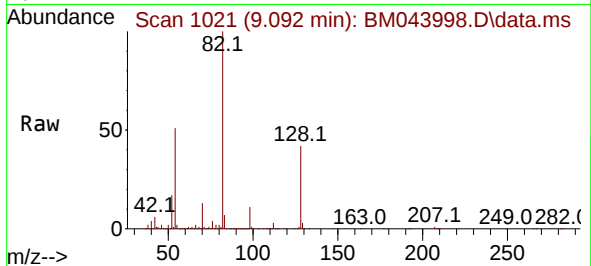




#23
Nitrobenzene-d5
Concen: 82.300 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

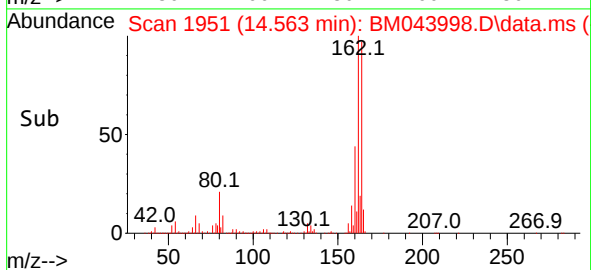
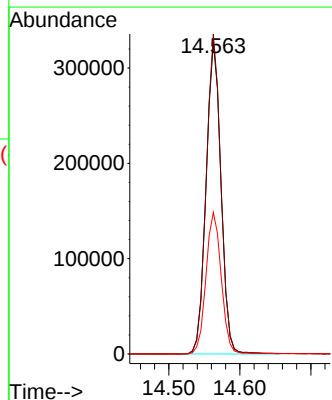
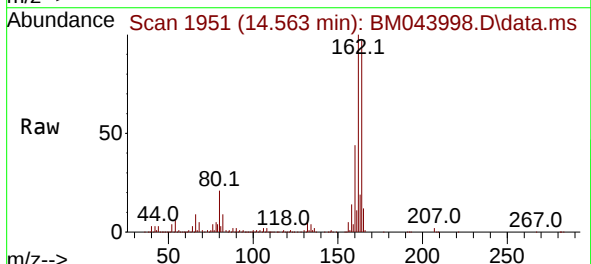
Instrument :
BNA_M
ClientSampleId :
PB158215BL

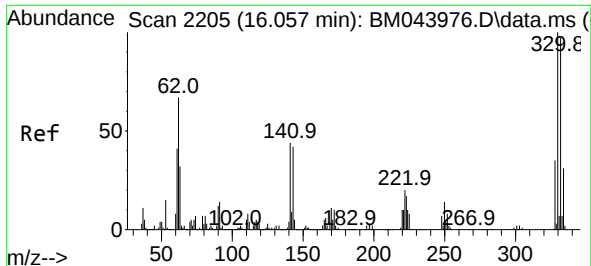
Tgt Ion: 82 Resp: 1305657
Ion Ratio Lower Upper
82 100
128 41.7 33.9 50.9
54 51.1 41.1 61.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

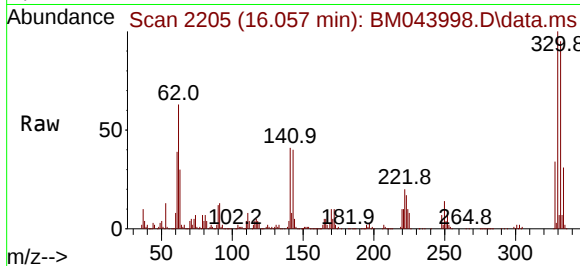
Tgt Ion:164 Resp: 477724
Ion Ratio Lower Upper
164 100
162 102.7 79.0 118.4
160 45.5 35.8 53.8



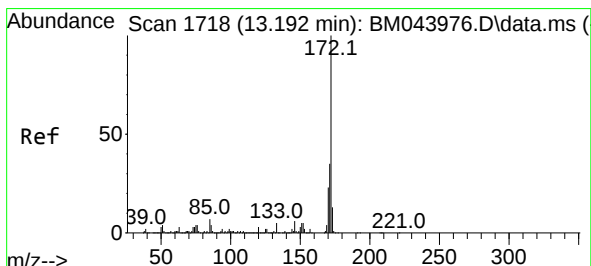
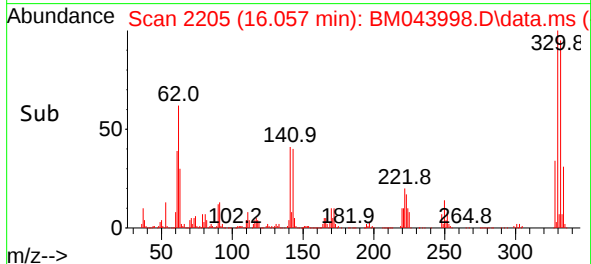
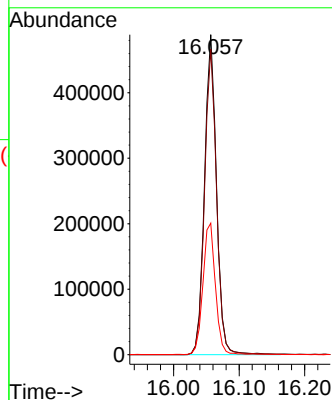


#42
2,4,6-Tribromophenol
Concen: 107.024 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Instrument :
BNA_M
ClientSampleId :
PB158215BL

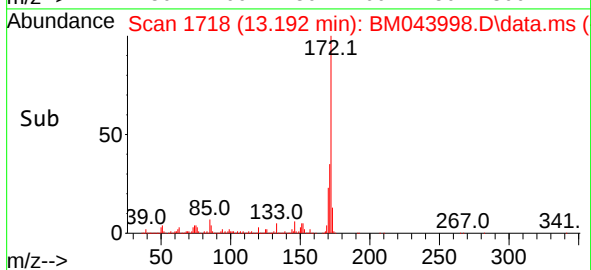
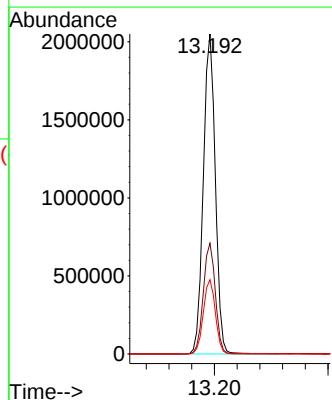
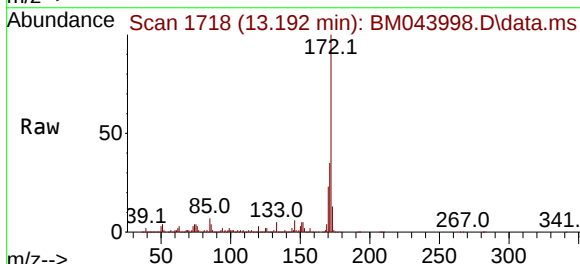


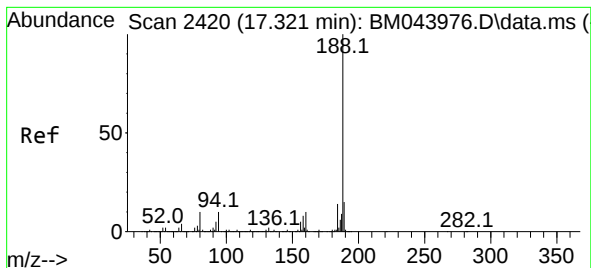
Tgt Ion:330 Resp: 623245
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 42.7 33.5 50.3



#45
2-Fluorobiphenyl
Concen: 86.444 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Tgt Ion:172 Resp: 3005402
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM043998.D

Acq: 06 Feb 2024 18:53

Instrument :

BNA_M

ClientSampleId :

PB158215BL

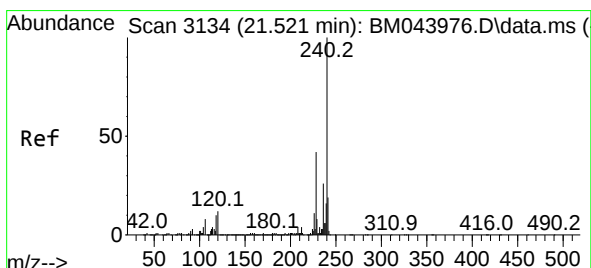
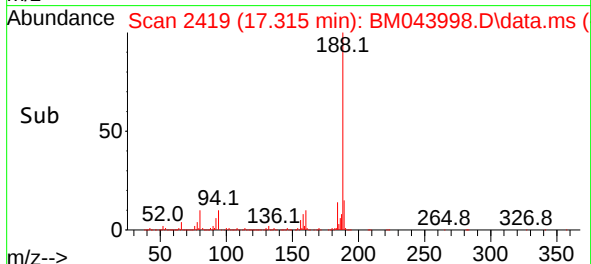
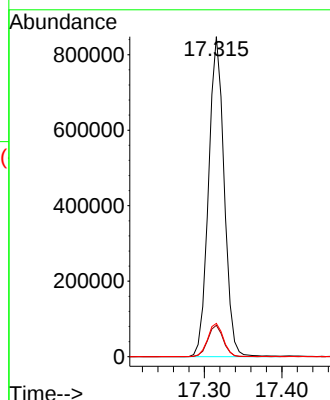
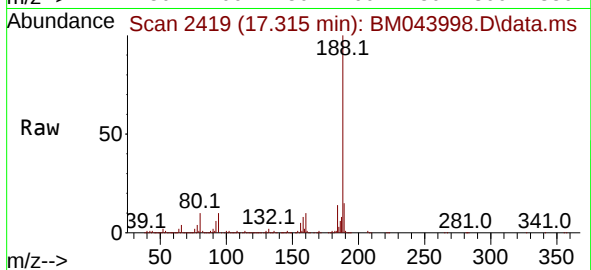
Tgt Ion:188 Resp: 1184361

Ion Ratio Lower Upper

188 100

94 9.8 7.7 11.5

80 10.4 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BM043998.D

Acq: 06 Feb 2024 18:53

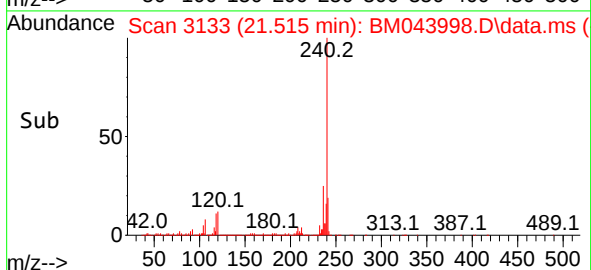
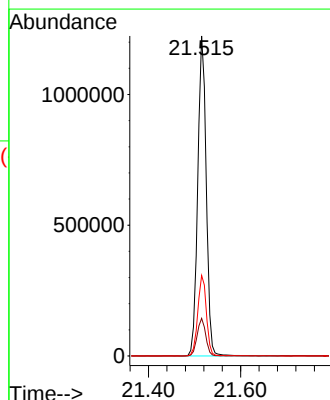
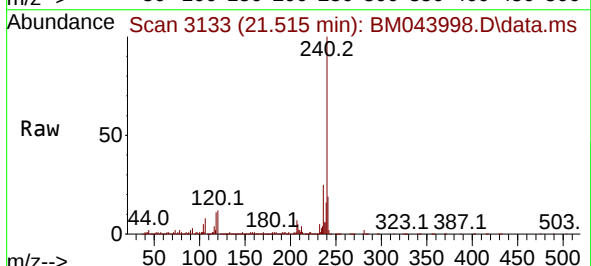
Tgt Ion:240 Resp: 1561729

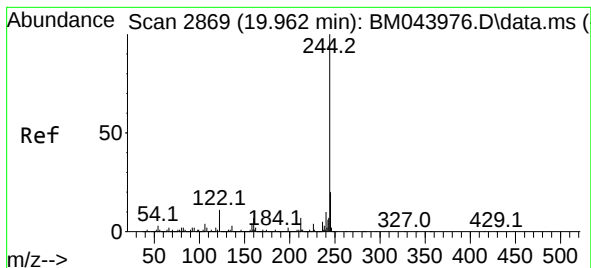
Ion Ratio Lower Upper

240 100

120 11.7 9.3 13.9

236 25.2 20.5 30.7





#79

Terphenyl-d14

Concen: 89.148 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043998.D

Acq: 06 Feb 2024 18:53

Instrument :

BNA_M

ClientSampleId :

PB158215BL

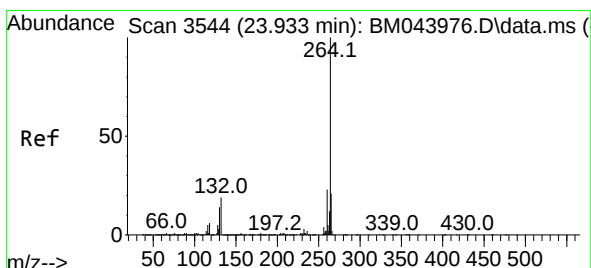
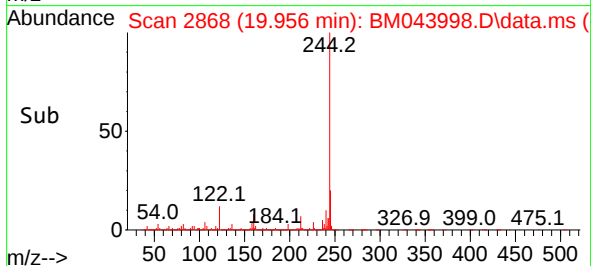
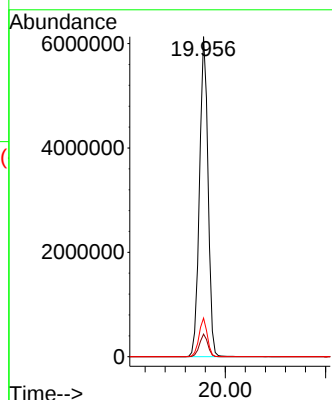
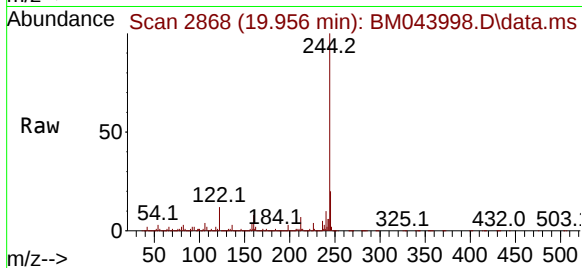
Tgt Ion:244 Resp: 7212168

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.1 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BM043998.D

Acq: 06 Feb 2024 18:53

Tgt Ion:264 Resp: 1925996

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.8 17.2 25.8

