

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
 Data File : BM043906.D
 Acq On : 25 Jan 2024 16:42
 Operator : MA/JU
 Sample : PB158578BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158578BL

Quant Time: Jan 26 01:16:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 00:26:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	313188	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1184774	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	662574	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1347952	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1132668	20.000	ng	0.00
86) Perylene-d12	23.927	264	1261851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2224108	114.732	ng	0.00
7) Phenol-d6	7.087	99	2763256	109.793	ng	0.00
23) Nitrobenzene-d5	9.092	82	1607276	72.647	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	780301	101.250	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3528519	69.180	ng	0.00
79) Terphenyl-d14	19.962	244	5250910	79.091	ng	0.00

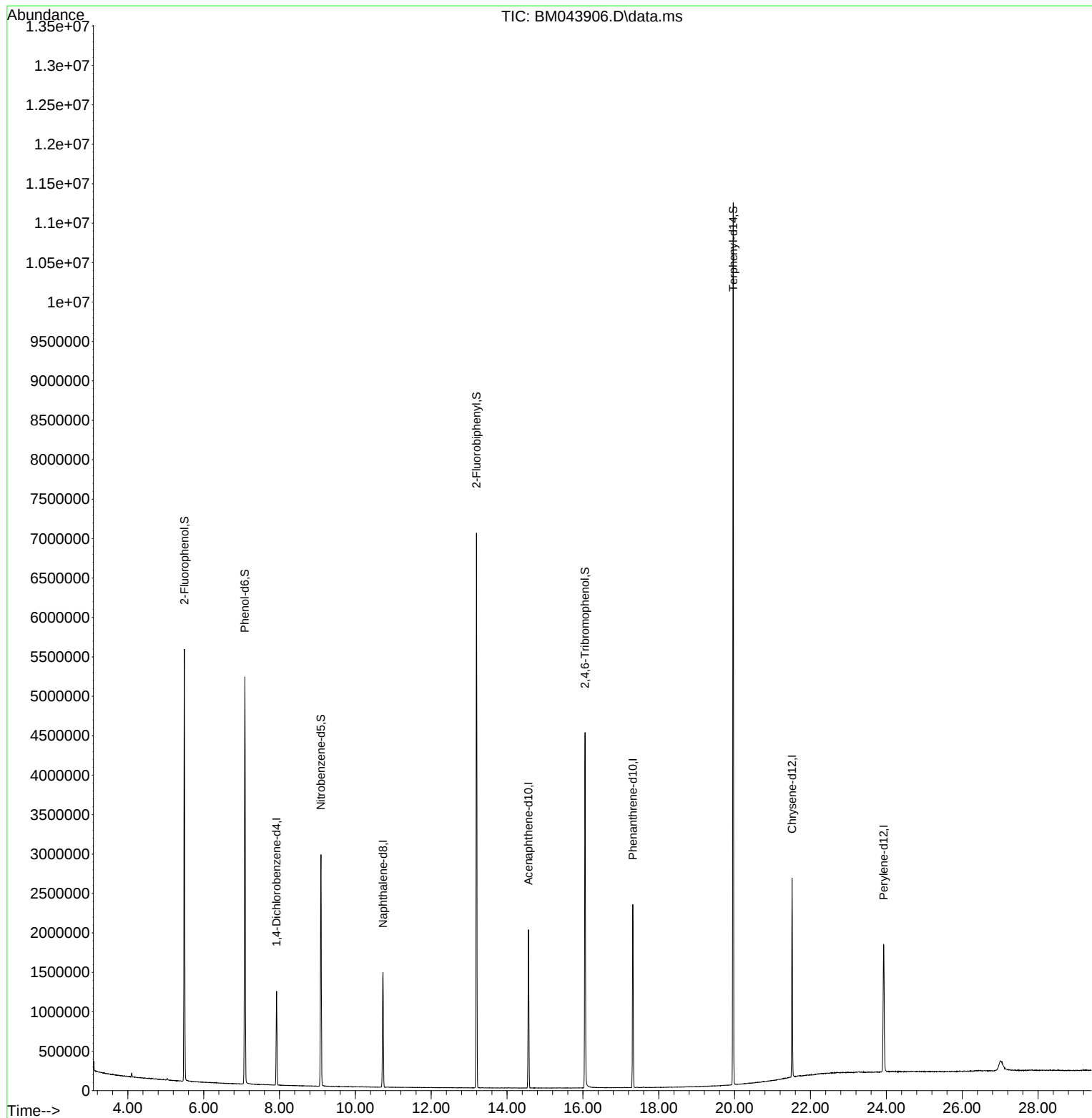
Target Compounds	Qvalue

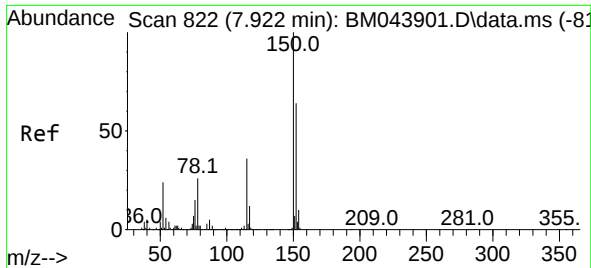
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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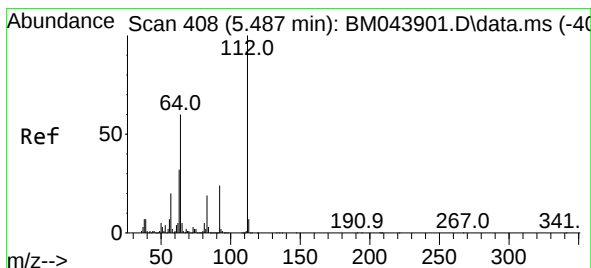
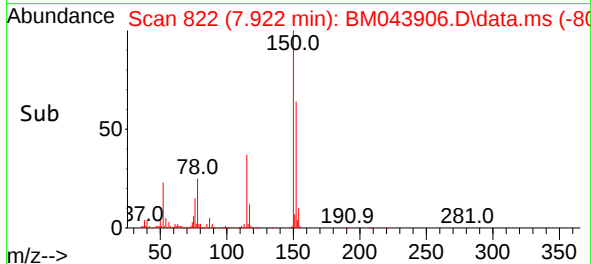
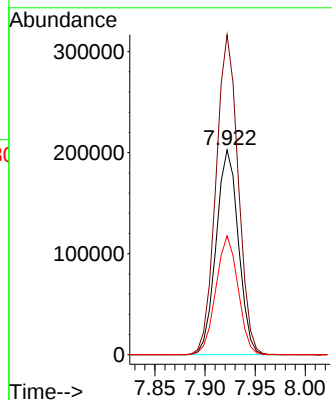
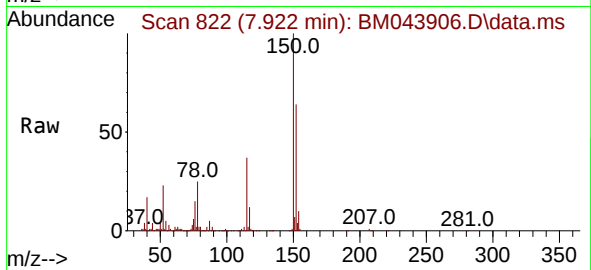




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

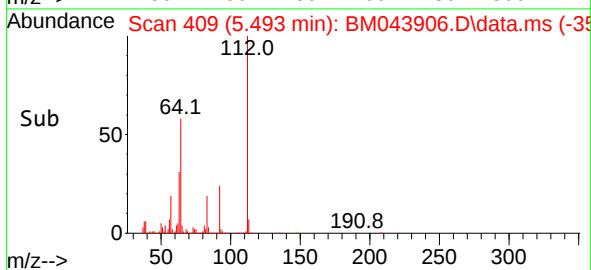
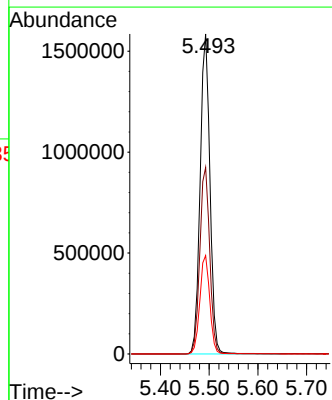
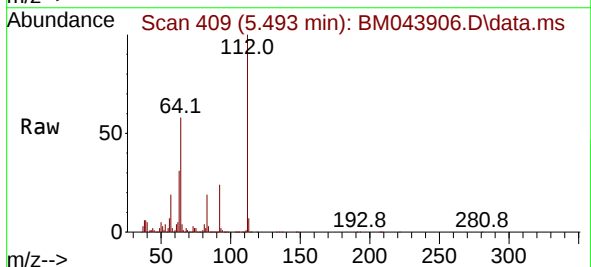
Instrument :
BNA_M
ClientSampleId :
PB158578BL

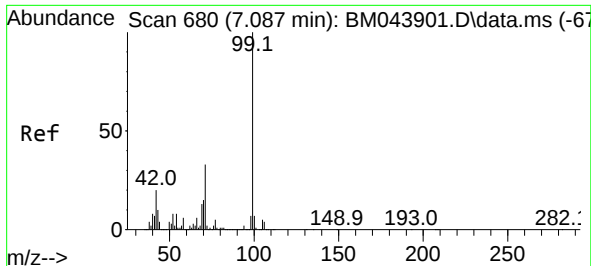
Tgt Ion:152 Resp: 313188
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 58.1 45.3 67.9



#5
2-Fluorophenol
Concen: 114.732 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Tgt Ion:112 Resp: 2224108
Ion Ratio Lower Upper
112 100
64 58.3 48.3 72.5
63 30.8 25.6 38.4



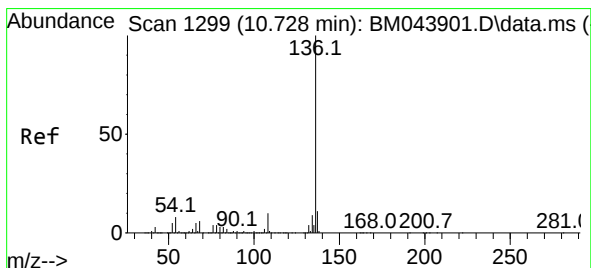
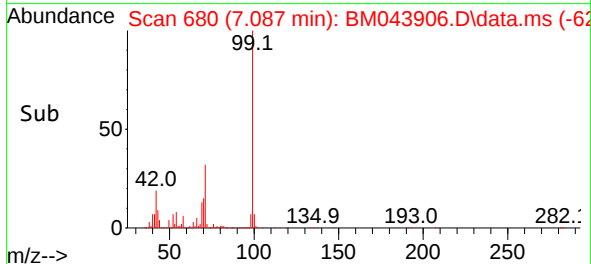
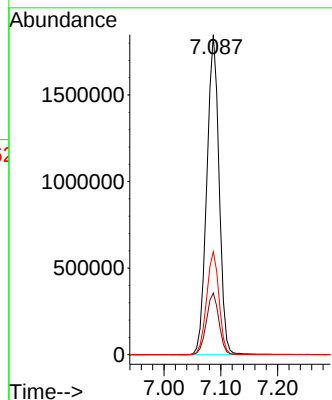
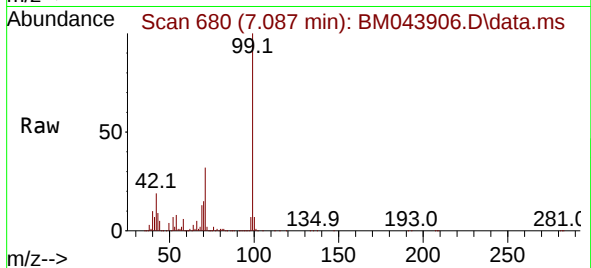


#7
Phenol-d6
Concen: 109.793 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Instrument :
BNA_M
ClientSampleId :
PB158578BL

Tgt Ion: 99 Resp: 2763256

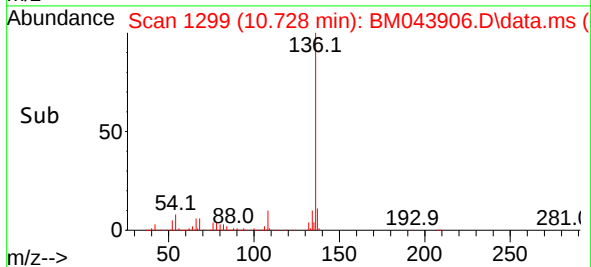
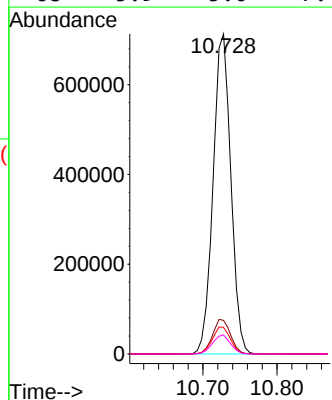
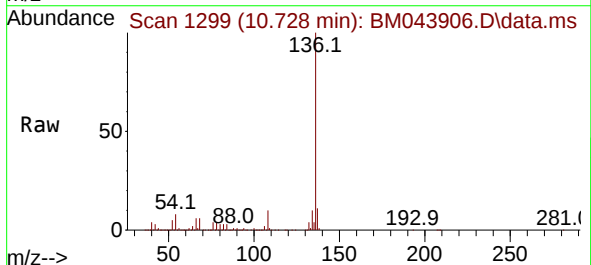
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.0	24.0
71	32.2	26.6	40.0

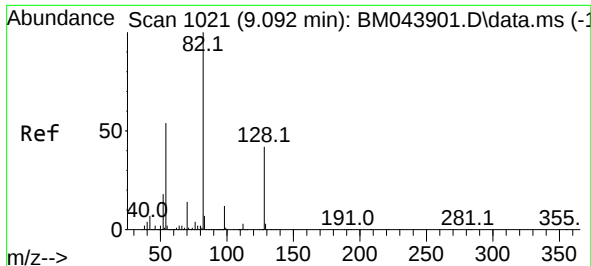


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Tgt Ion: 136 Resp: 1184774

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.3	6.6	10.0
68	5.9	5.0	7.4

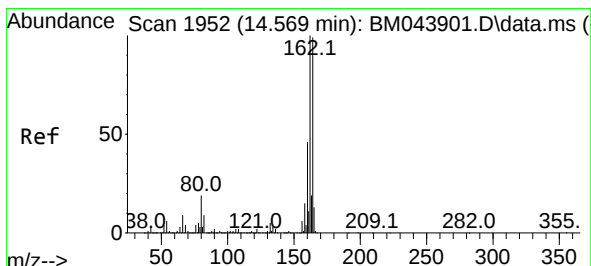
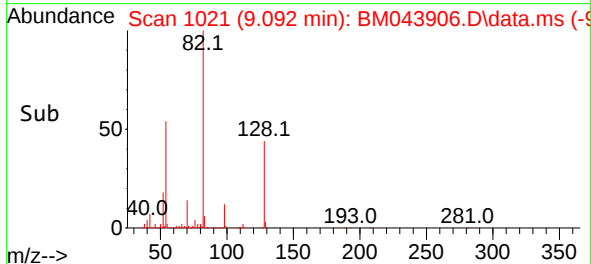
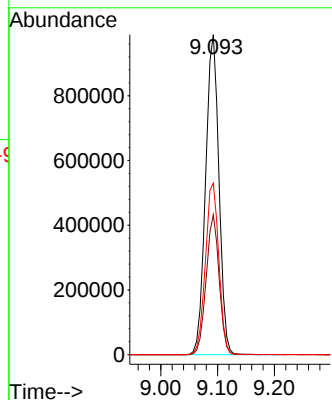
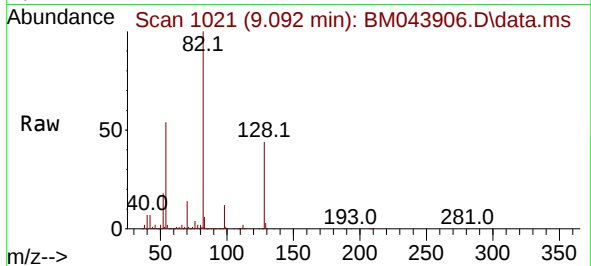




#23
Nitrobenzene-d5
Concen: 72.647 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

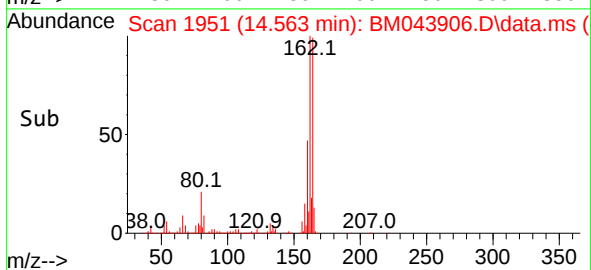
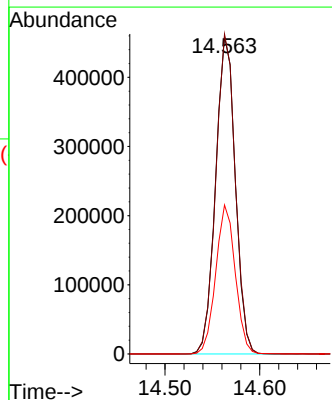
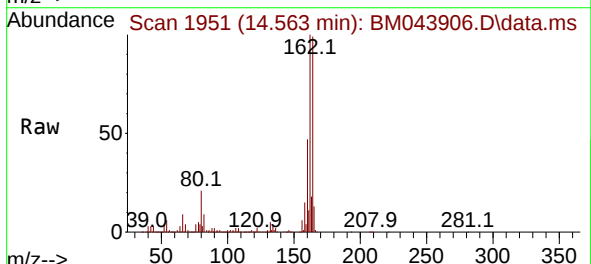
Instrument :
BNA_M
ClientSampleId :
PB158578BL

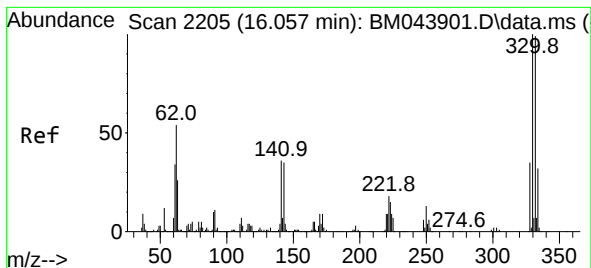
Tgt Ion: 82 Resp: 1607276
Ion Ratio Lower Upper
82 100
128 43.7 33.6 50.4
54 53.6 43.3 64.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Tgt Ion:164 Resp: 662574
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 46.9 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 101.250 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

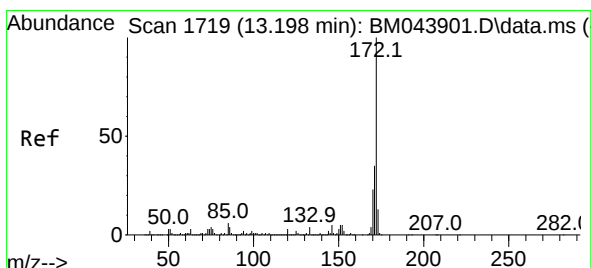
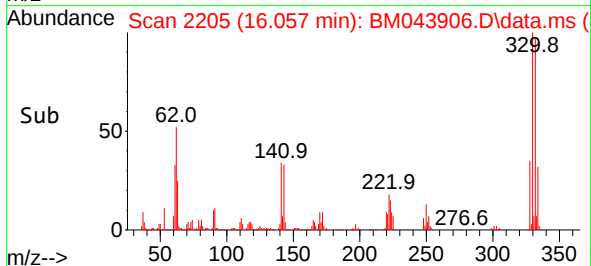
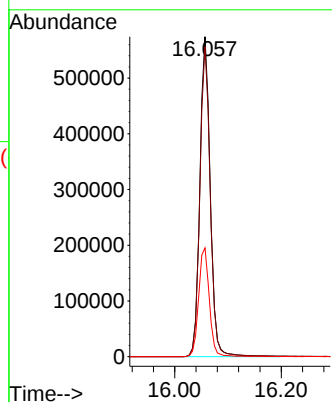
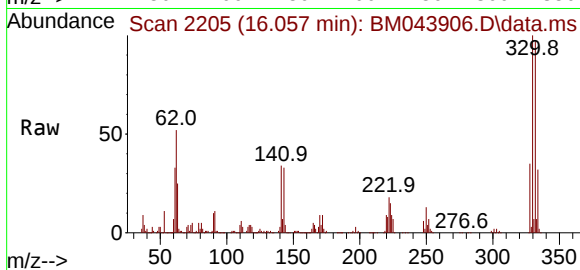
Tgt Ion:330 Resp: 780301

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

141 34.9 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 69.180 ng

RT: 13.192 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

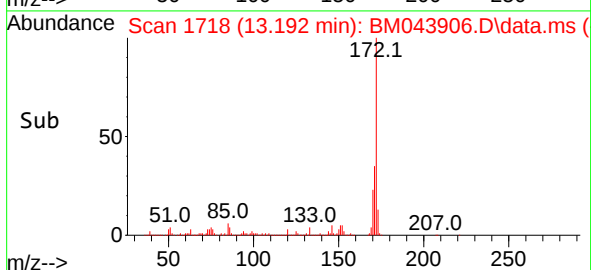
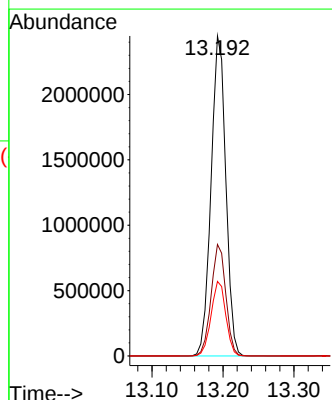
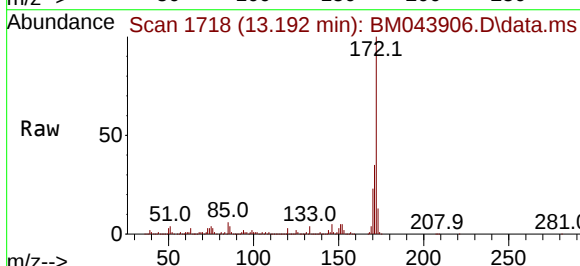
Tgt Ion:172 Resp: 3528519

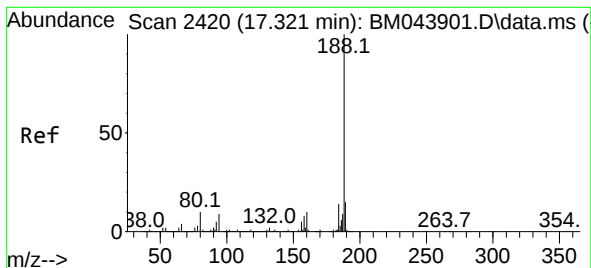
Ion Ratio Lower Upper

172 100

171 34.8 27.7 41.5

170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

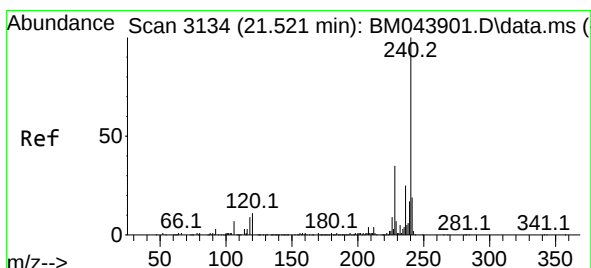
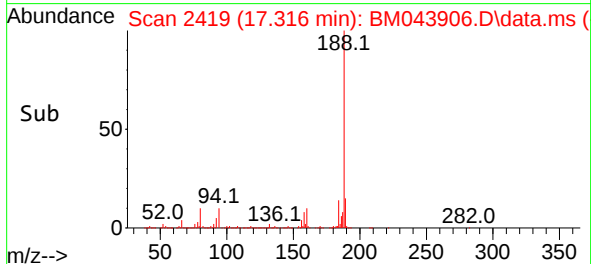
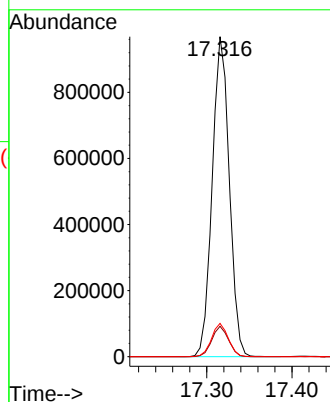
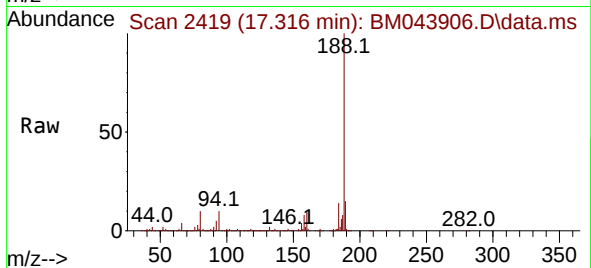
Tgt Ion:188 Resp: 1347952

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.4 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

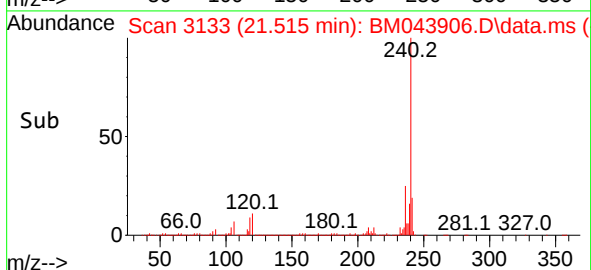
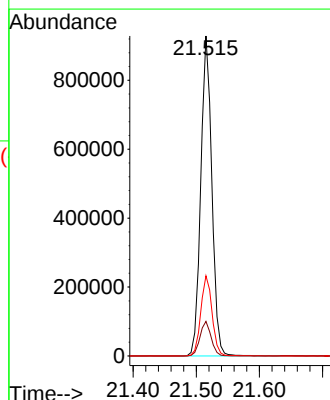
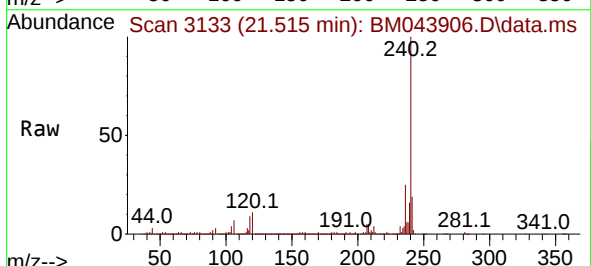
Tgt Ion:240 Resp: 1132668

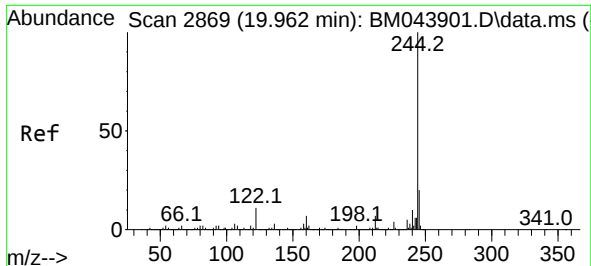
Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 25.1 20.2 30.2

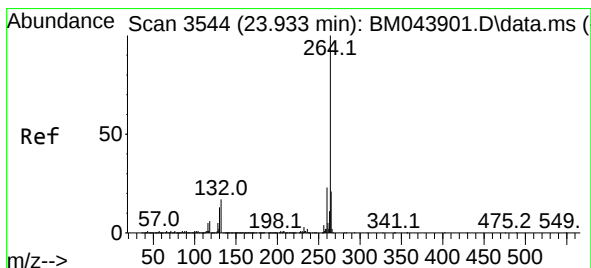
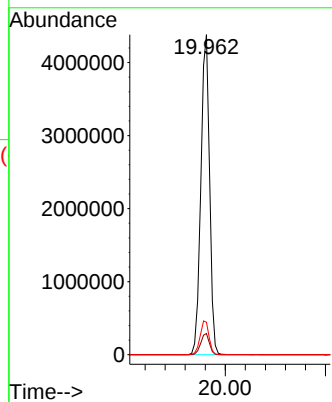
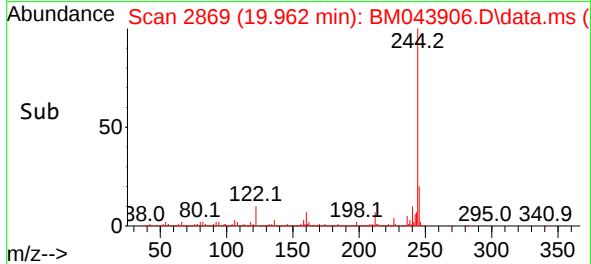
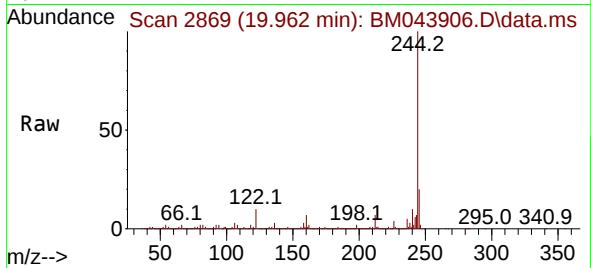




#79
 Terphenyl-d14
 Concen: 79.091 ng
 RT: 19.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM043906.D
 Acq: 25 Jan 2024 16:42

Instrument :
 BNA_M
 ClientSampleId :
 PB158578BL

Tgt Ion:244 Resp: 5250910
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.927 min Scan# 3543
 Delta R.T. -0.006 min
 Lab File: BM043906.D
 Acq: 25 Jan 2024 16:42

Tgt Ion:264 Resp: 1261851
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.7 17.3 25.9

