

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
 Data File : BM045714.D
 Acq On : 08 May 2024 15:58
 Operator : MA/JU
 Sample : PB160503BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160503BL

Quant Time: May 08 16:50:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 08 16:45:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	618583	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	2762512	20.000	ng	0.00
39) Acenaphthene-d10	14.280	164	1757775	20.000	ng	0.00
64) Phenanthrene-d10	17.027	188	3654954	20.000	ng	0.00
76) Chrysene-d12	21.215	240	3125427	20.000	ng	0.00
86) Perylene-d12	23.415	264	3447692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	6066177	163.068	ng	0.00
7) Phenol-d6	6.822	99	7778581	154.214	ng	0.00
23) Nitrobenzene-d5	8.787	82	4613589	95.611	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	2601764	151.100	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	10292844	95.290	ng	0.00
79) Terphenyl-d14	19.668	244	13150324	99.876	ng	0.00

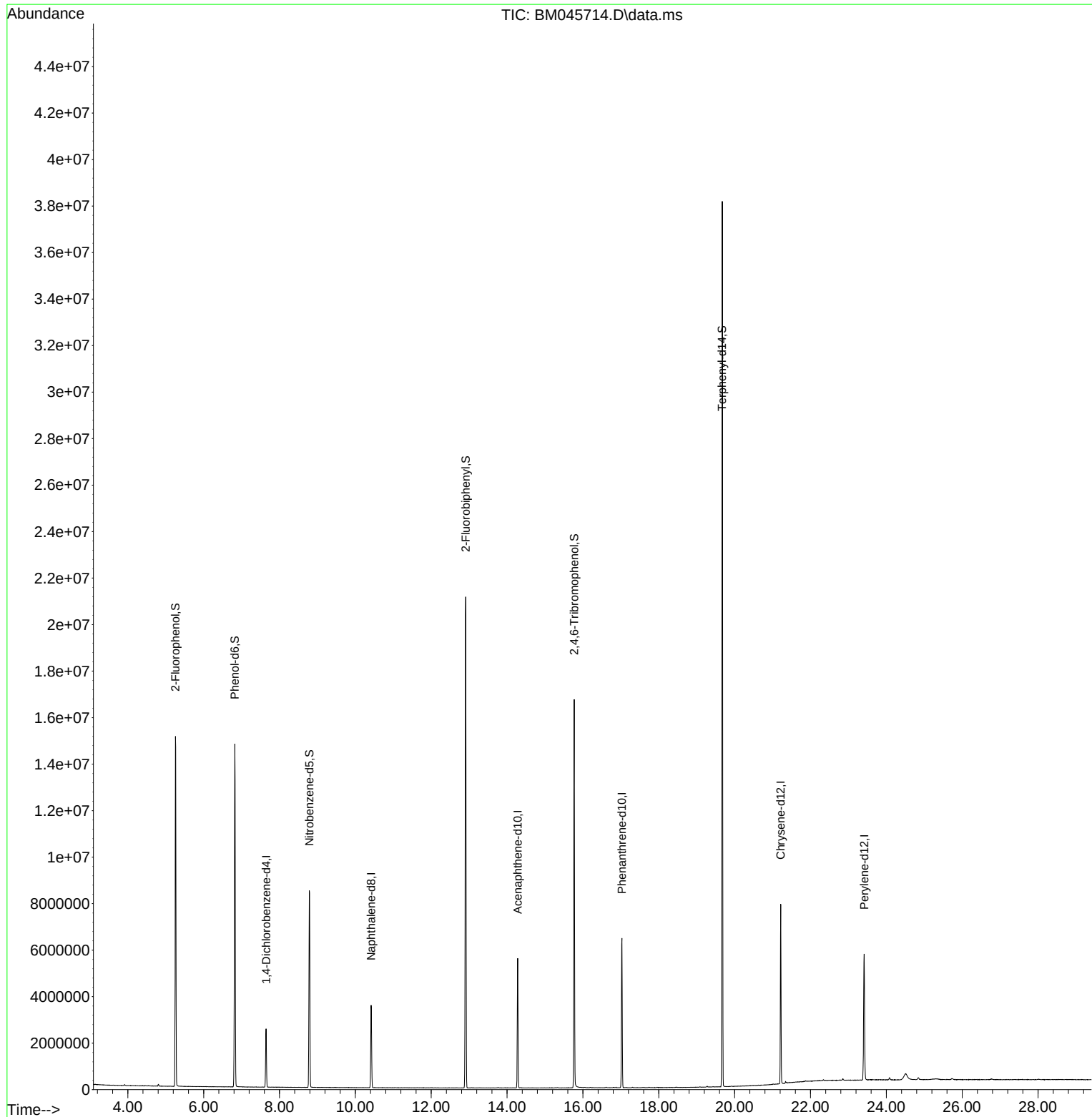
Target Compounds	Qvalue

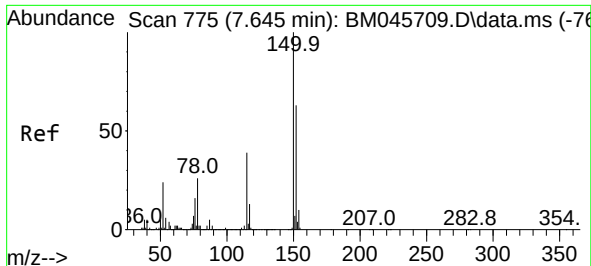
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045714.D
Acq On : 08 May 2024 15:58
Operator : MA/JU
Sample : PB160503BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB160503BL

Quant Time: May 08 16:50:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 16:45:57 2024
Response via : Initial Calibration

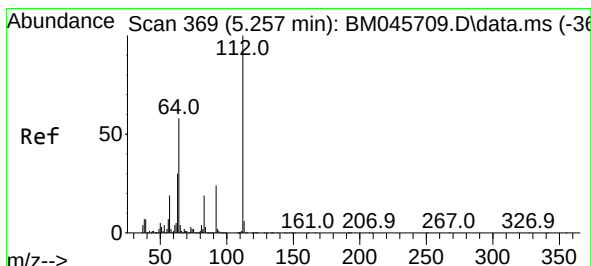
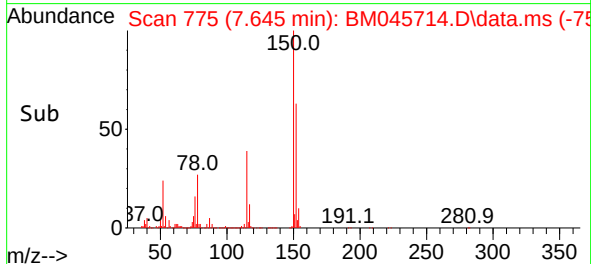
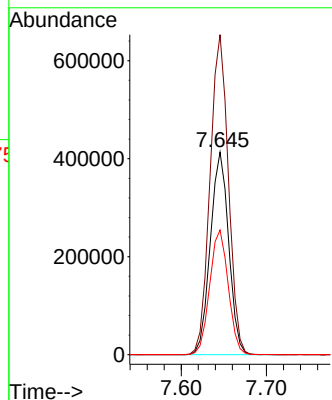
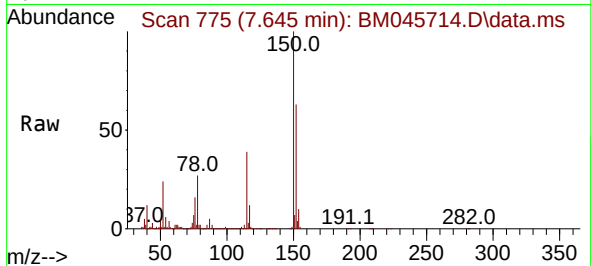




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

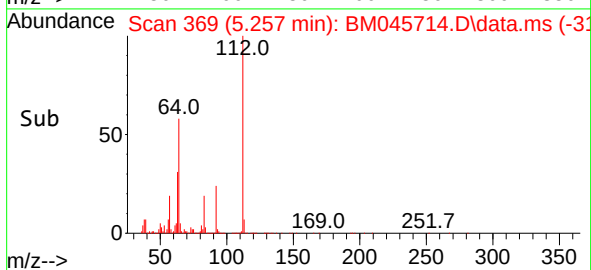
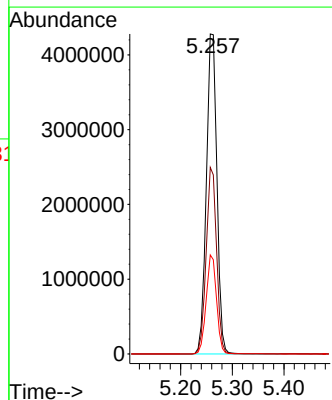
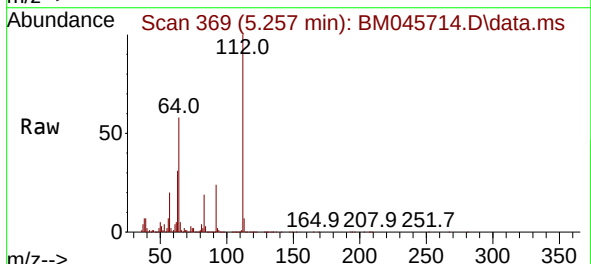
Instrument :
BNA_M
ClientSampleId :
PB160503BL

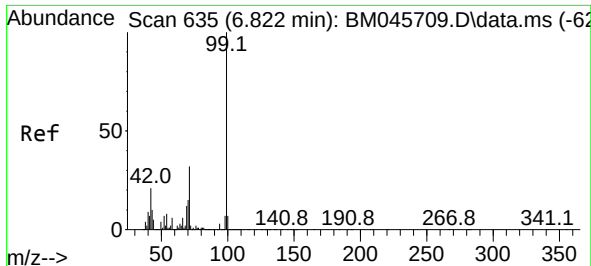
Tgt Ion:152 Resp: 618583
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 61.5 48.9 73.3



#5
2-Fluorophenol
Concen: 163.068 ng
RT: 5.257 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

Tgt Ion:112 Resp: 6066177
Ion Ratio Lower Upper
112 100
64 58.3 46.3 69.5
63 30.9 24.1 36.1

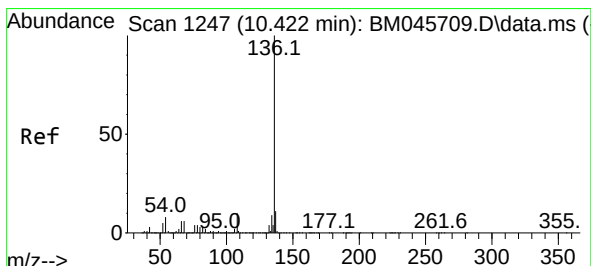
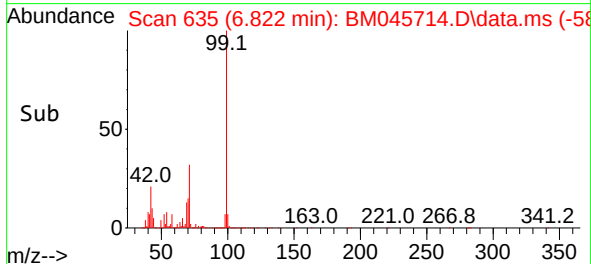
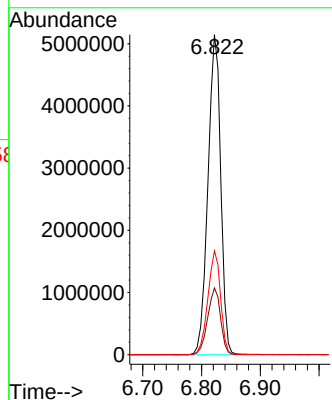
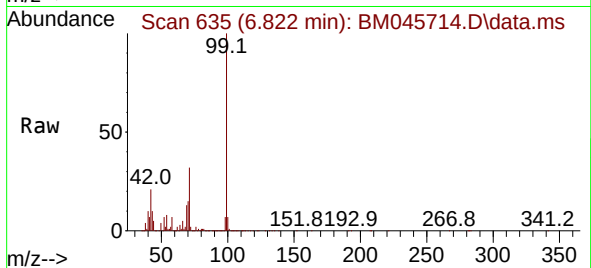




#7
Phenol-d6
Concen: 154.214 ng
RT: 6.822 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

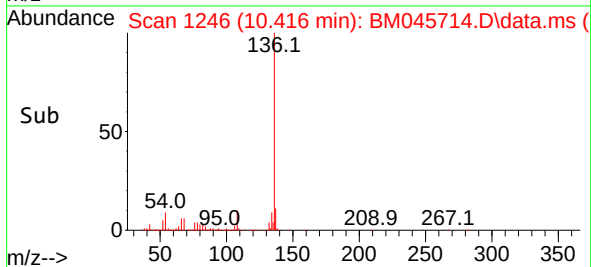
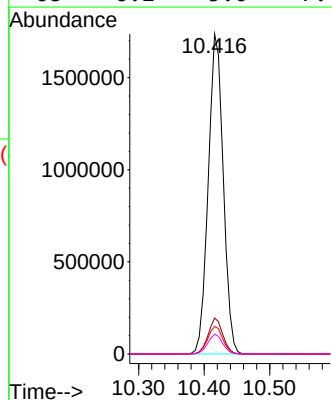
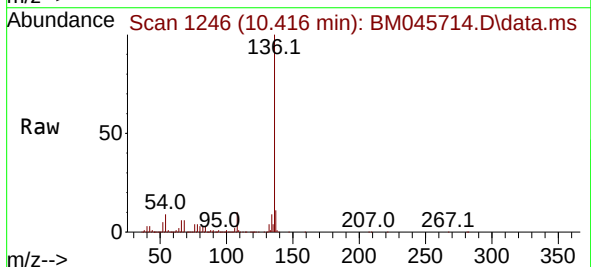
Instrument :
BNA_M
ClientSampleId :
PB160503BL

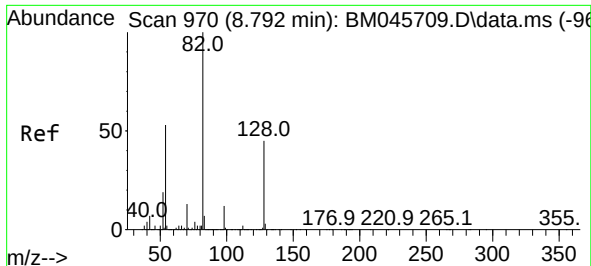
Tgt Ion: 99 Resp: 7778581
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 32.4 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

Tgt Ion:136 Resp: 2762512
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.6 6.7 10.1
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 95.611 ng

RT: 8.787 min Scan# 90

Delta R.T. -0.006 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

Instrument :

BNA_M

ClientSampleId :

PB160503BL

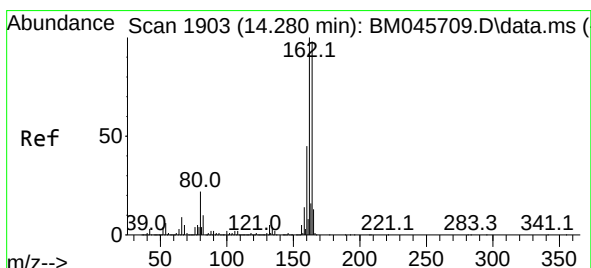
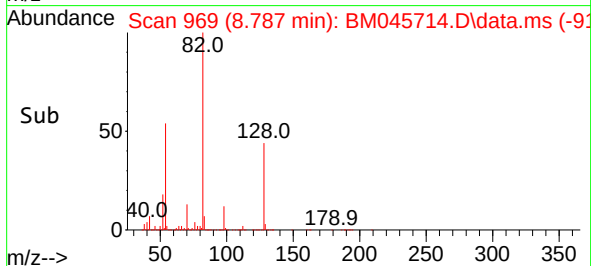
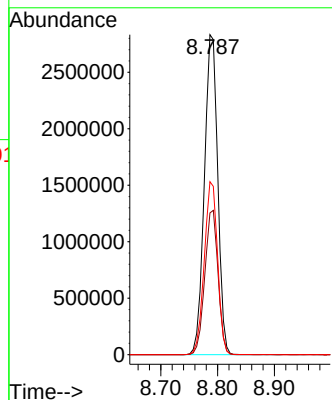
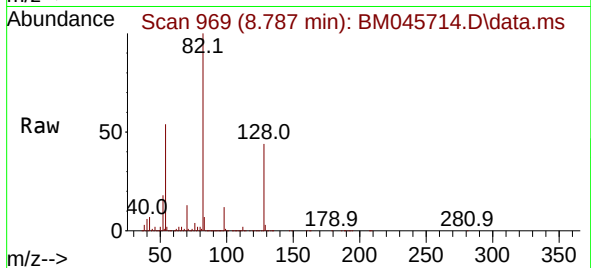
Tgt Ion: 82 Resp: 4613589

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 54.0 42.5 63.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.280 min Scan# 1903

Delta R.T. 0.000 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

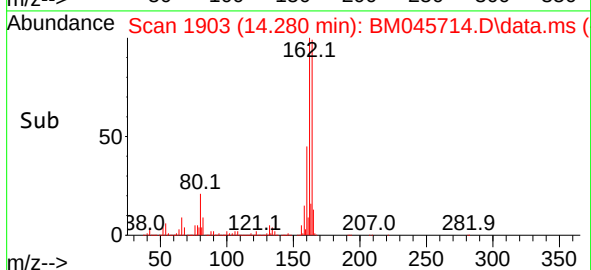
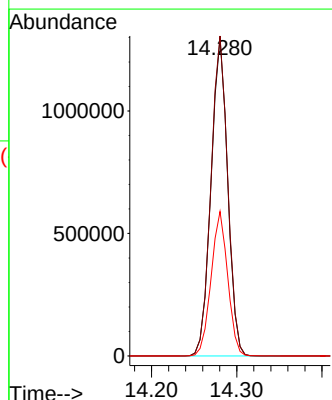
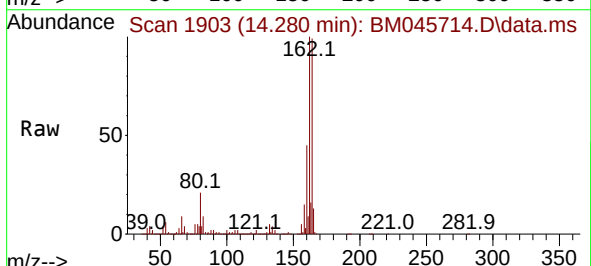
Tgt Ion:164 Resp: 1757775

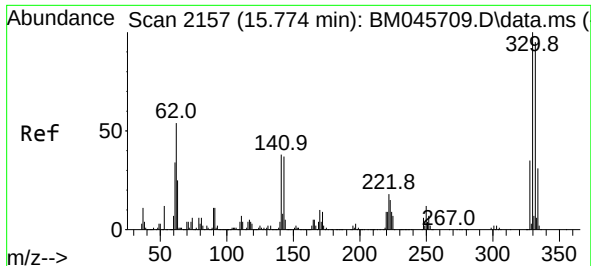
Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.2

160 45.4 36.6 54.8

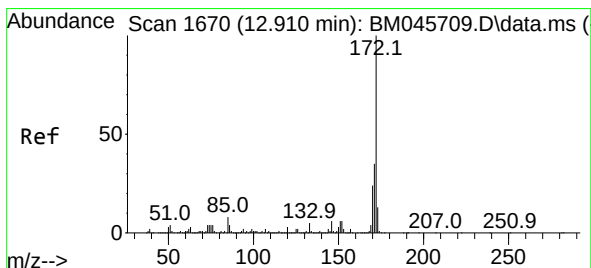
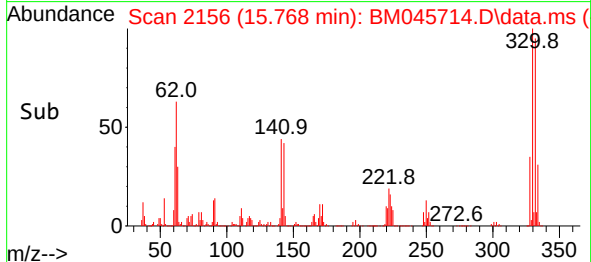
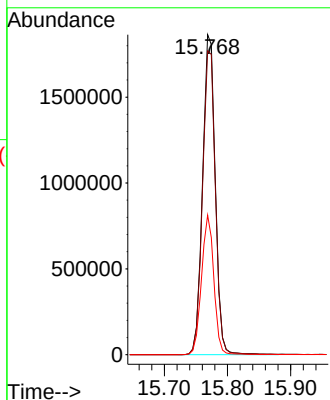
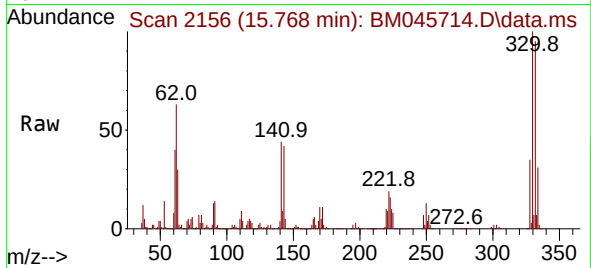




#42
2,4,6-Tribromophenol
Concen: 151.100 ng
RT: 15.768 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

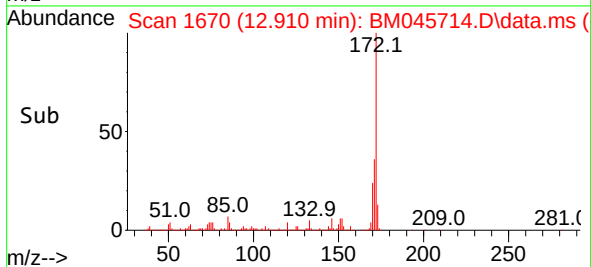
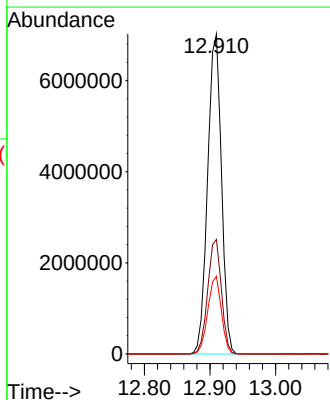
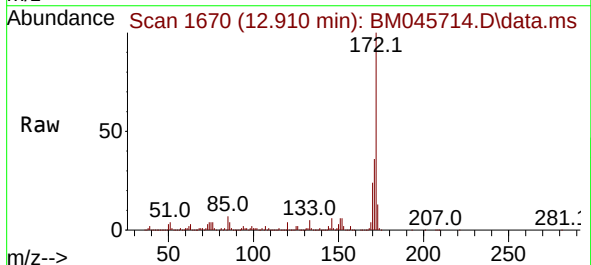
Instrument :
BNA_M
ClientSampleId :
PB160503BL

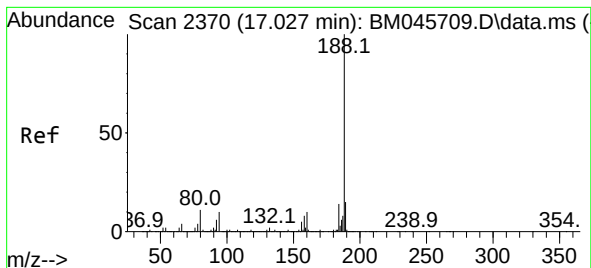
Tgt Ion:330 Resp: 2601764
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 42.3 33.8 50.8



#45
2-Fluorobiphenyl
Concen: 95.290 ng
RT: 12.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

Tgt Ion:172 Resp:10292844
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

Instrument :

BNA_M

ClientSampleId :

PB160503BL

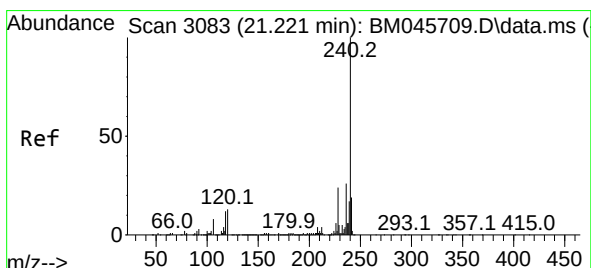
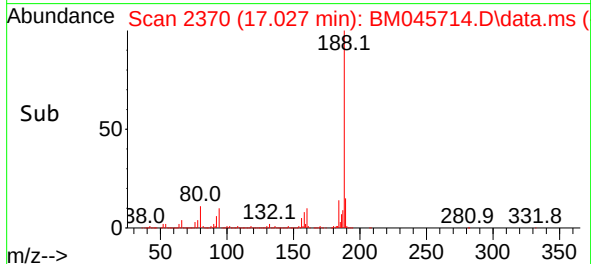
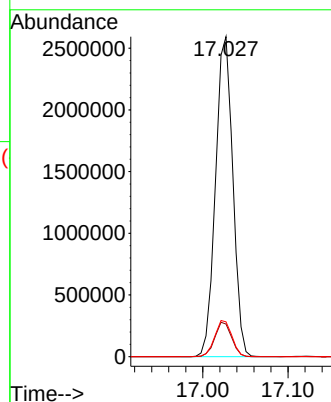
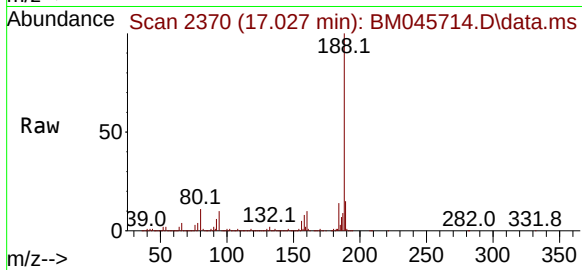
Tgt Ion:188 Resp: 3654954

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

80 10.9 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

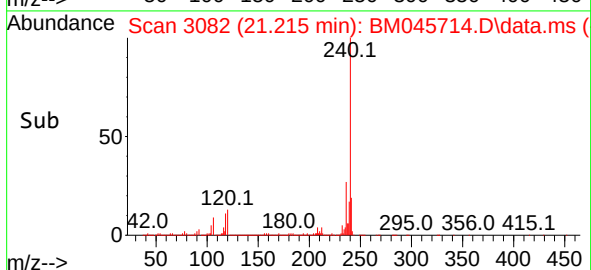
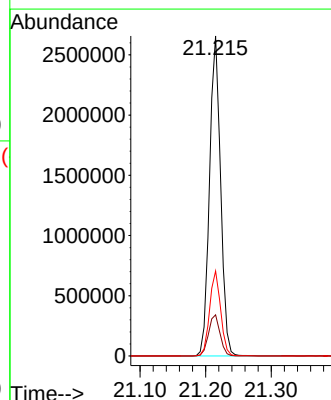
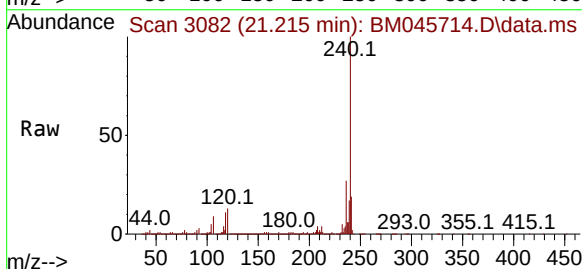
Tgt Ion:240 Resp: 3125427

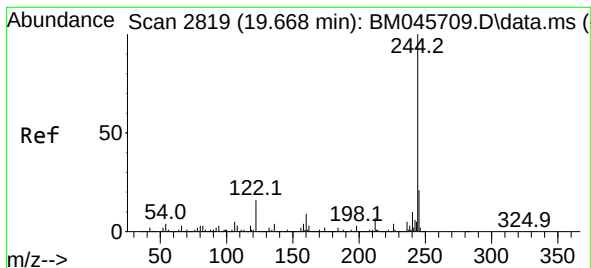
Ion Ratio Lower Upper

240 100

120 12.8 10.1 15.1

236 26.5 21.0 31.4





#79

Terphenyl-d14

Concen: 99.876 ng

RT: 19.668 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

Instrument :

BNA_M

ClientSampleId :

PB160503BL

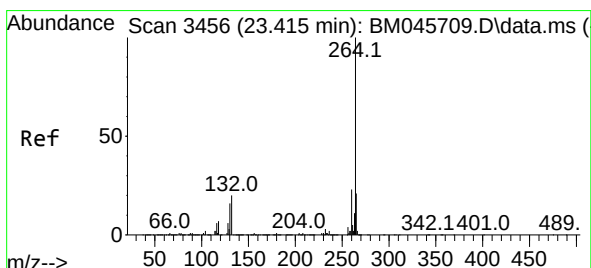
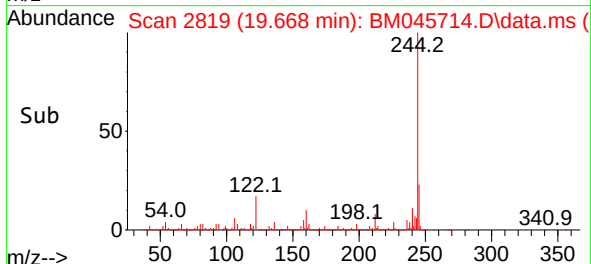
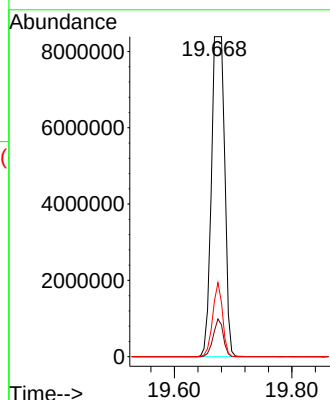
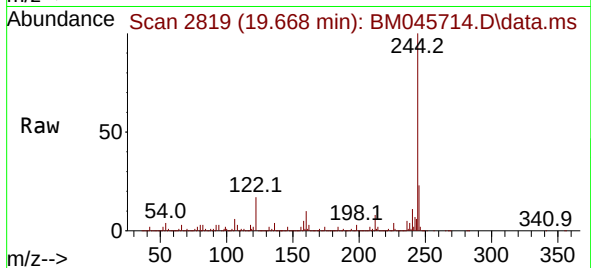
Tgt Ion:244 Resp:13150324

Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

122 17.5 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.415 min Scan# 3456

Delta R.T. 0.000 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

Tgt Ion:264 Resp: 3447692

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.2 17.2 25.8

