

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046360.D
 Acq On : 28 Jun 2024 20:02
 Operator : MA/JU
 Sample : P3115-14 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20071

Quant Time: Jun 28 23:02:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

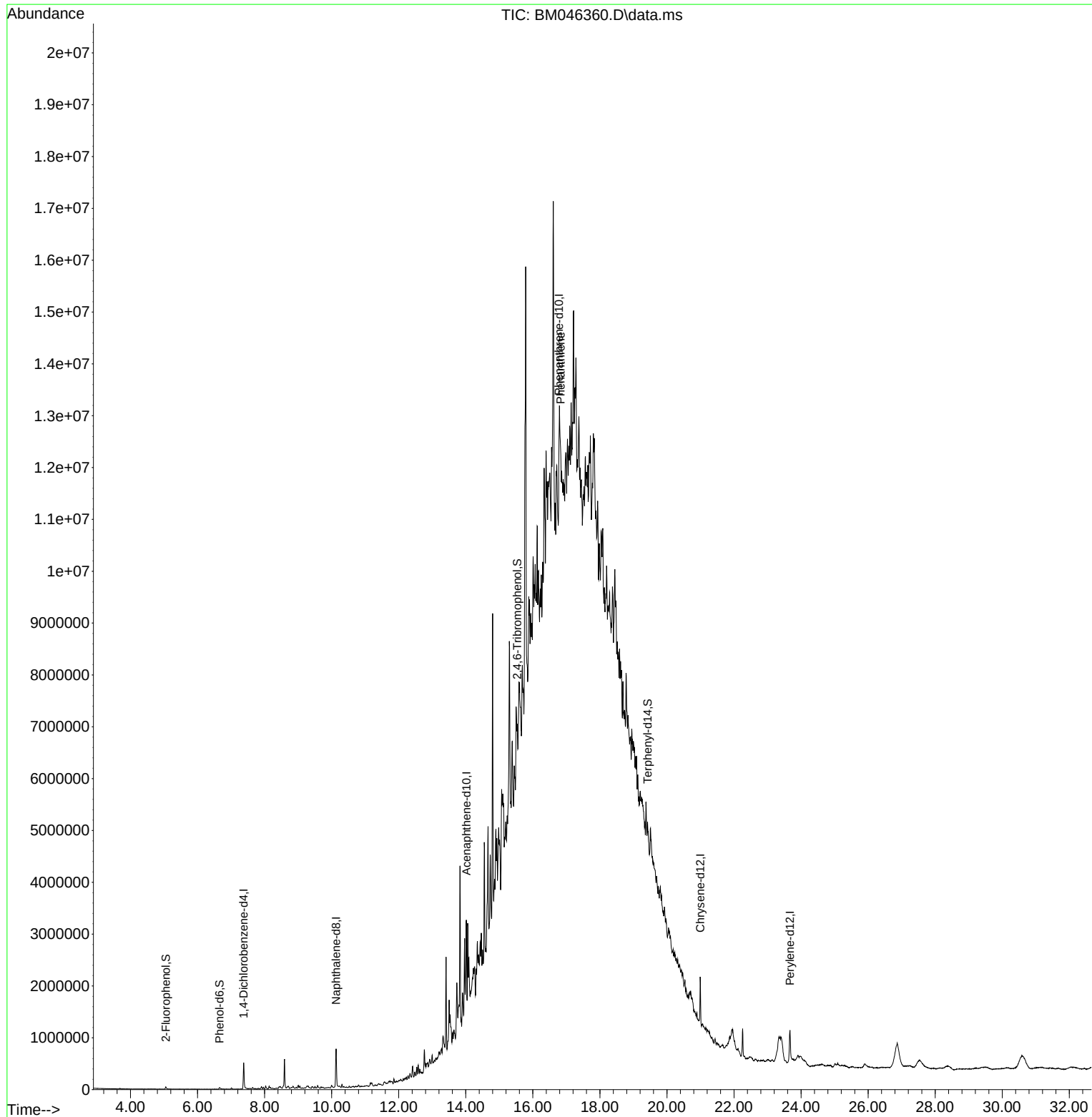
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	136801	20.000	ng	0.00
21) Naphthalene-d8	10.134	136	559625	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	376029	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	684708	20.000	ng	# 0.00
76) Chrysene-d12	20.992	240	399335	20.000	ng	0.00
86) Perylene-d12	23.668	264	462733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	24739	2.907	ng	0.00
7) Phenol-d6	6.652	99	29292	2.423	ng	0.02
23) Nitrobenzene-d5	8.563	82	18782	1.391	ng	0.02
42) 2,4,6-Tribromophenol	15.533	330	10312	2.255	ng	0.00
45) 2-Fluorobiphenyl	12.634	172	49240	1.775	ng	0.00
79) Terphenyl-d14	19.427	244	60400	2.502	ng	0.00
Target Compounds						
71) Phenanthrene	16.827	178	310873	8.532	ng	# 72

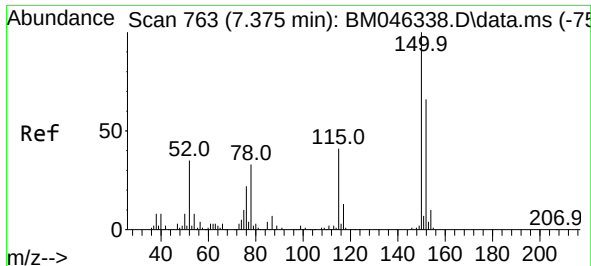
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
Data File : BM046360.D
Acq On : 28 Jun 2024 20:02
Operator : MA/JU
Sample : P3115-14 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20071

Quant Time: Jun 28 23:02:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 03:23:08 2024
Response via : Initial Calibration

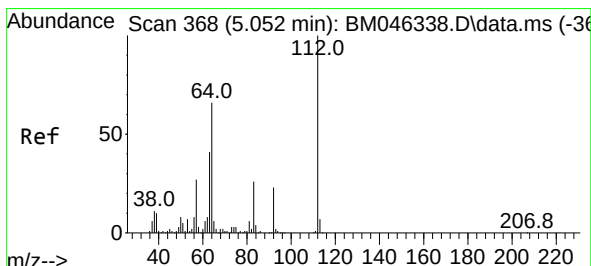
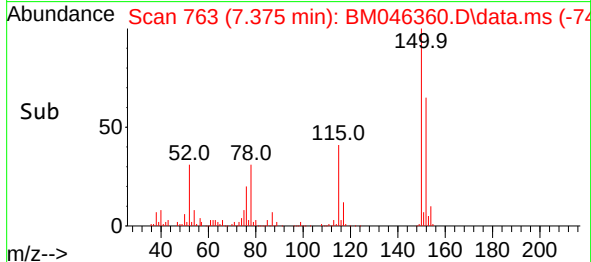
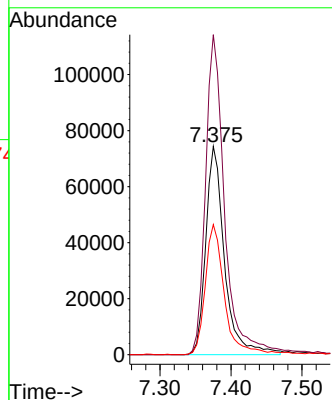
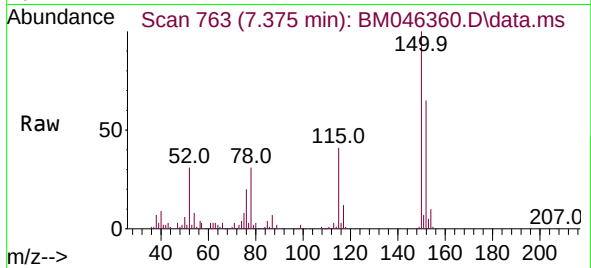




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. 0.000 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

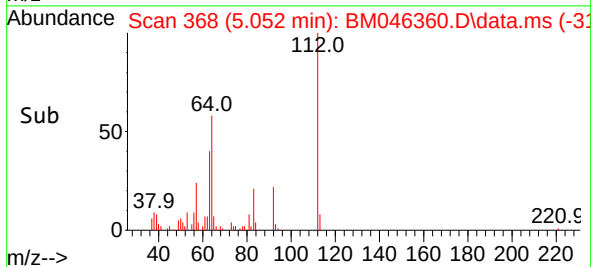
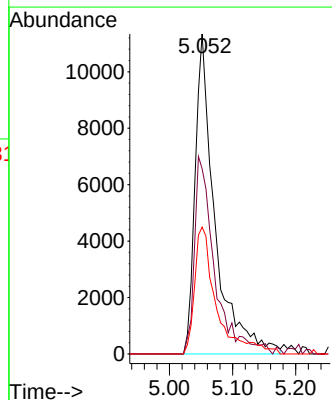
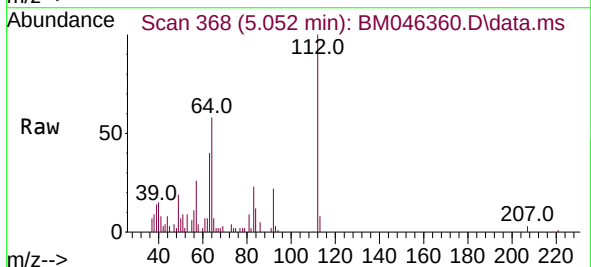
Instrument :
BNA_M
ClientSampleId :
20071

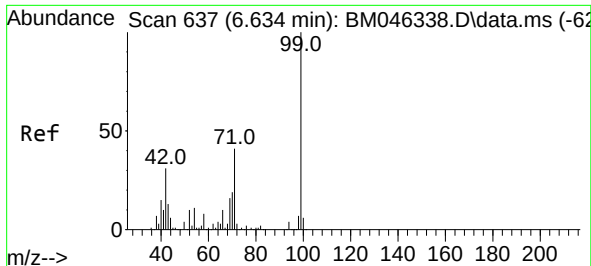
Tgt Ion:152 Resp: 136801
Ion Ratio Lower Upper
152 100
150 153.6 122.1 183.1
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 2.907 ng
RT: 5.052 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:112 Resp: 24739
Ion Ratio Lower Upper
112 100
64 57.8 52.8 79.2
63 39.7 32.9 49.3

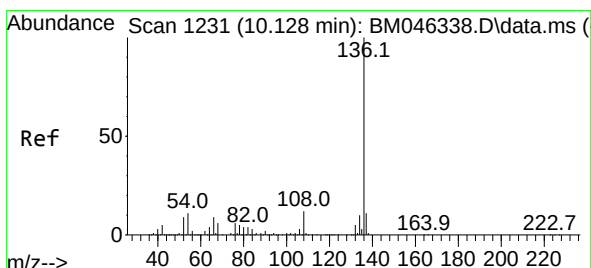
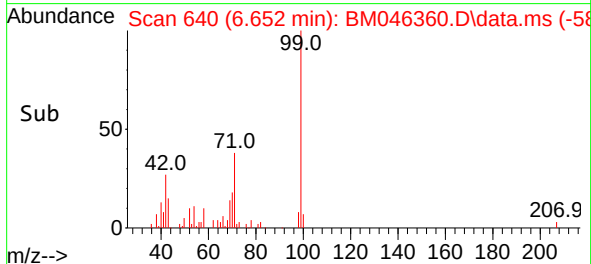
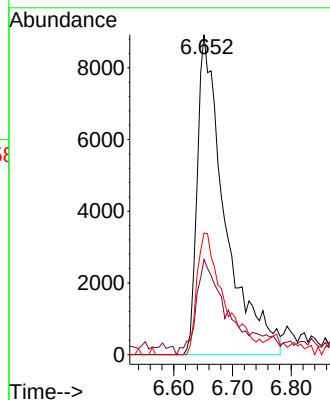
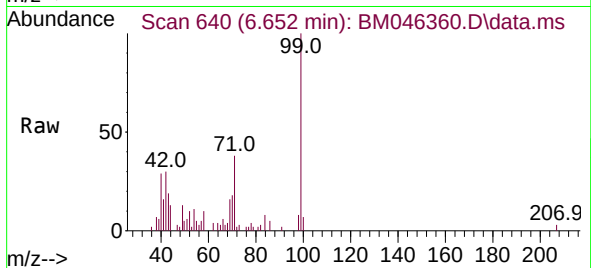




#7
Phenol-d6
Concen: 2.423 ng
RT: 6.652 min Scan# 64
Delta R.T. 0.018 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

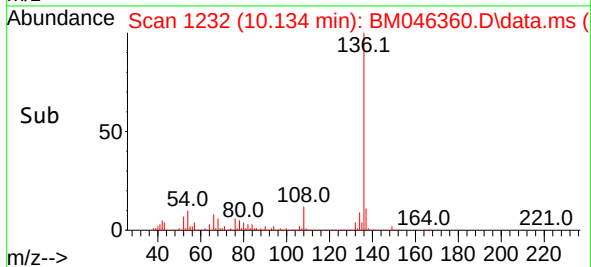
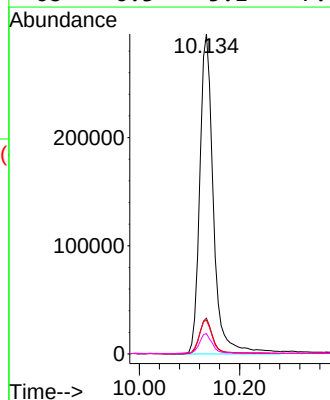
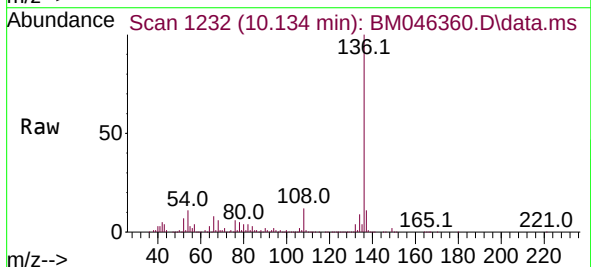
Instrument :
BNA_M
ClientSampleId :
20071

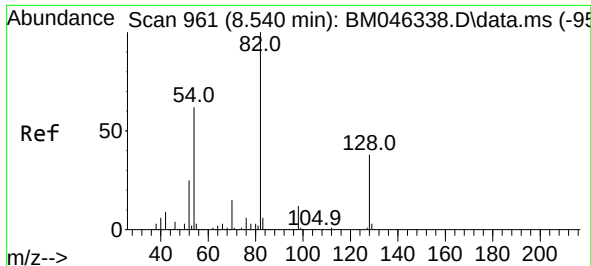
Tgt Ion: 99 Resp: 29292
Ion Ratio Lower Upper
99 100
42 29.7 24.8 37.2
71 38.0 33.1 49.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.134 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion: 136 Resp: 559625
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.5 9.0 13.4
68 6.3 5.1 7.7

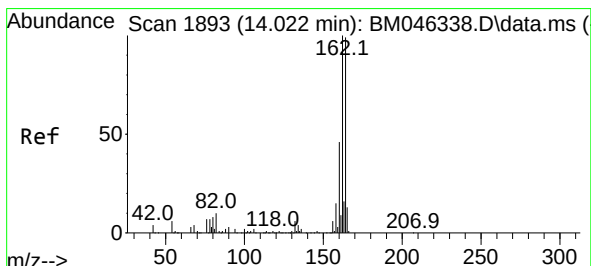
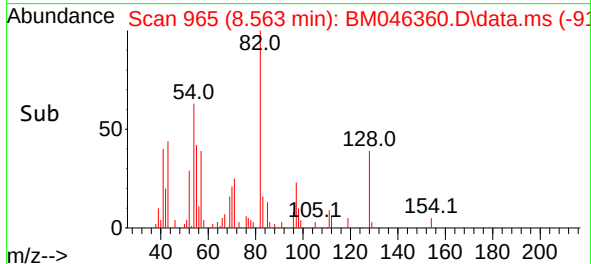
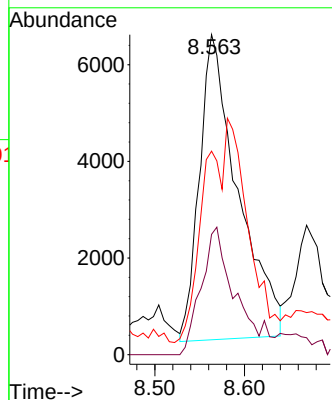
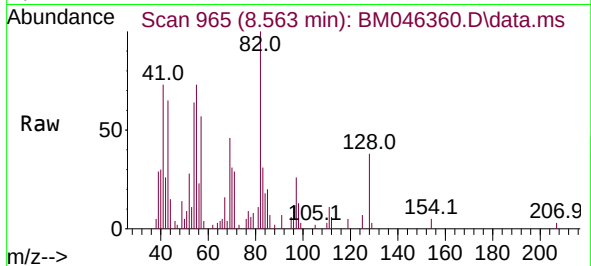




#23
Nitrobenzene-d5
Concen: 1.391 ng
RT: 8.563 min Scan# 90
Delta R.T. 0.024 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

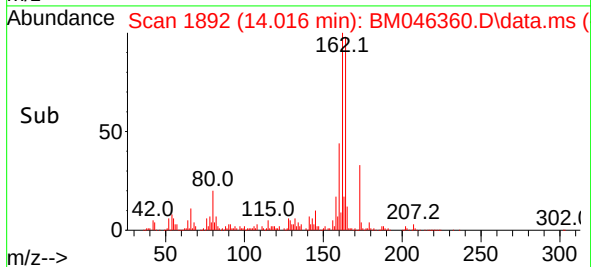
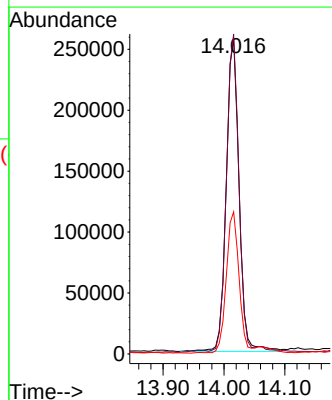
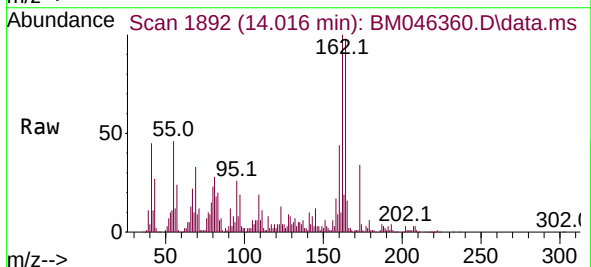
Instrument :
BNA_M
ClientSampleId :
20071

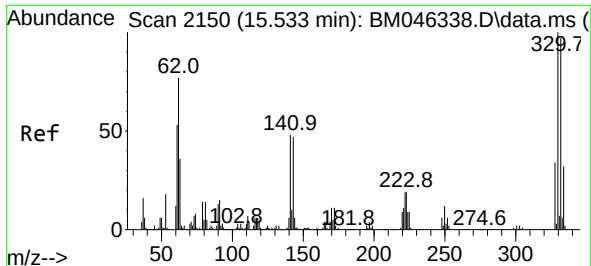
Tgt Ion: 82 Resp: 18782
Ion Ratio Lower Upper
82 100
128 37.6 30.6 46.0
54 63.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:164 Resp: 376029
Ion Ratio Lower Upper
164 100
162 101.6 80.5 120.7
160 45.1 37.0 55.6

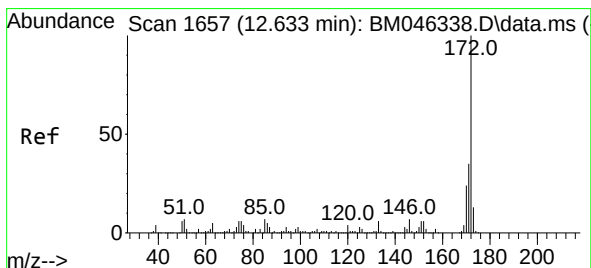
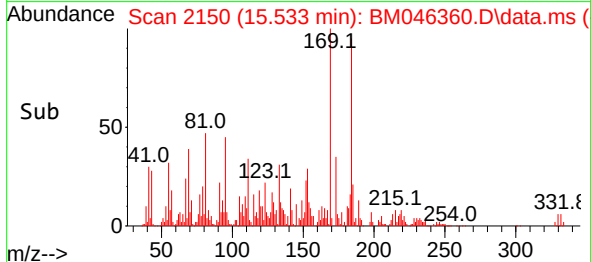
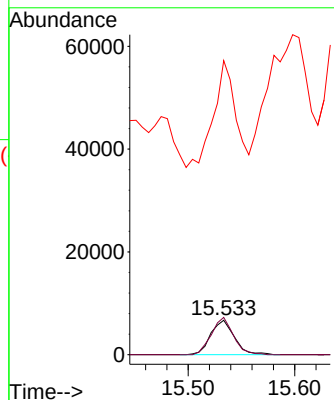
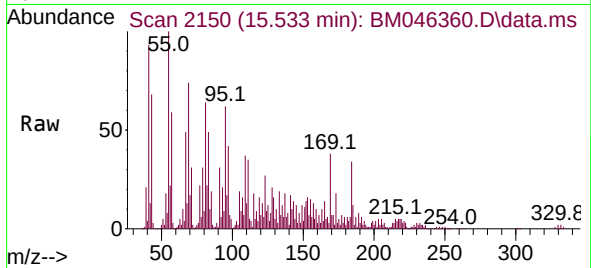




#42
2,4,6-Tribromophenol
Concen: 2.255 ng
RT: 15.533 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

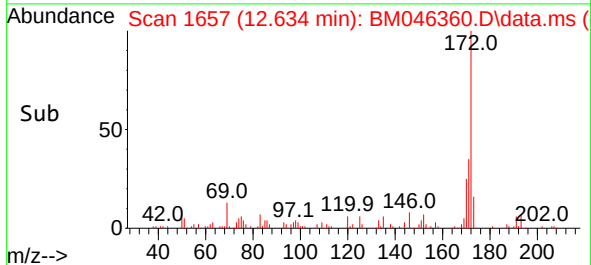
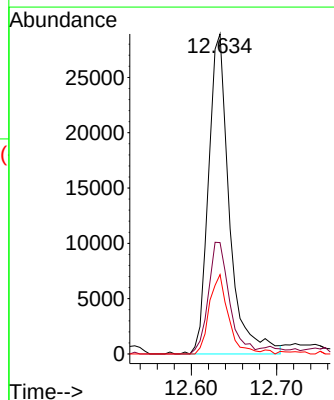
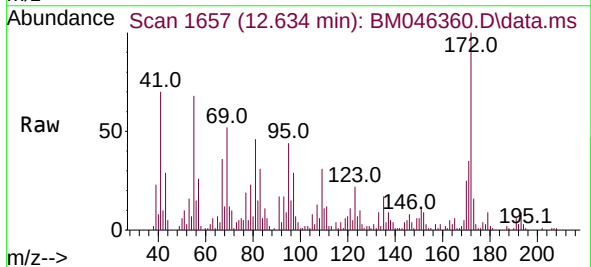
Instrument :
BNA_M
ClientSampleId :
20071

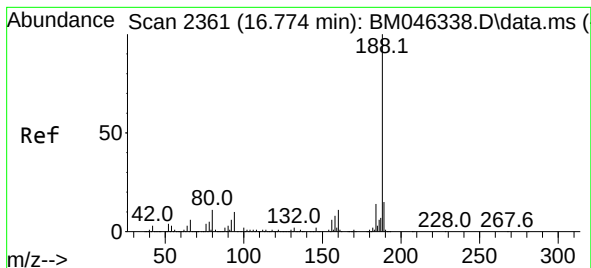
Tgt Ion:330 Resp: 10312
Ion Ratio Lower Upper
330 100
332 100.7 77.8 116.6
141 251.8 43.2 64.8#



#45
2-Fluorobiphenyl
Concen: 1.775 ng
RT: 12.634 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:172 Resp: 49240
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 24.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM046360.D

Acq: 28 Jun 2024 20:02

Instrument :

BNA_M

ClientSampleId :

20071

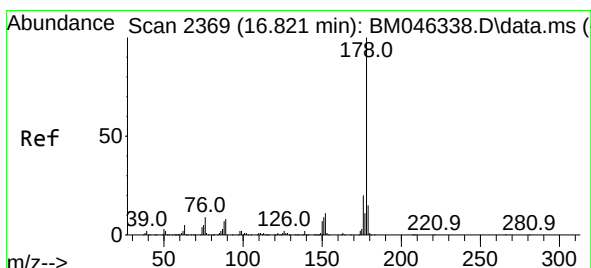
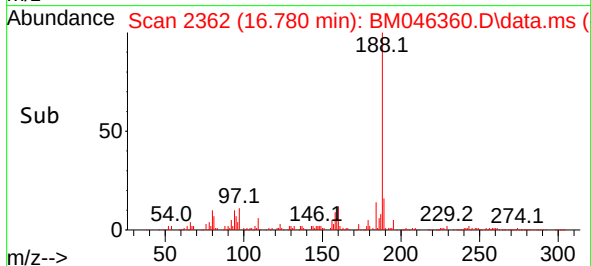
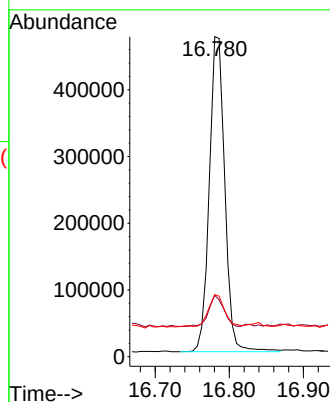
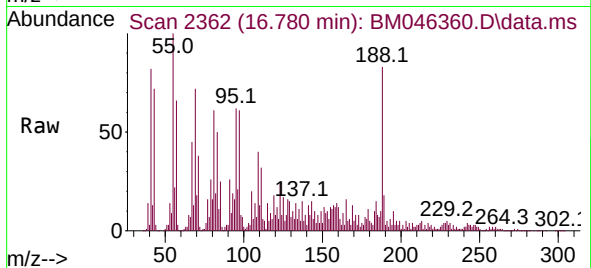
Tgt Ion:188 Resp: 684708

Ion Ratio Lower Upper

188 100

94 19.2 7.9 11.9#

80 19.4 9.0 13.6#



#71

Phenanthrene

Concen: 8.532 ng

RT: 16.827 min Scan# 2370

Delta R.T. 0.006 min

Lab File: BM046360.D

Acq: 28 Jun 2024 20:02

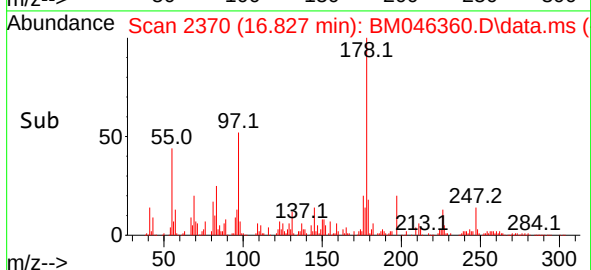
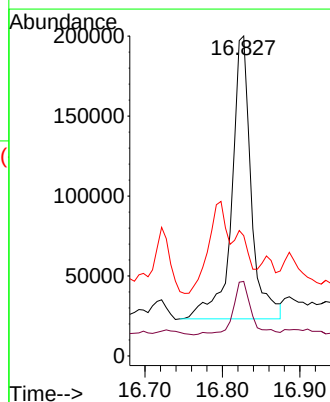
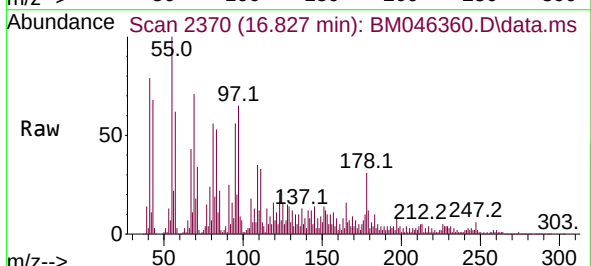
Tgt Ion:178 Resp: 310873

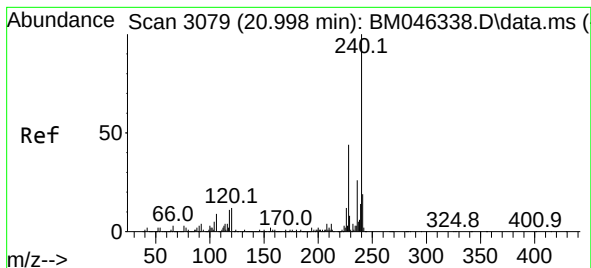
Ion Ratio Lower Upper

178 100

176 23.3 15.8 23.8

179 37.6 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.992 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BM046360.D

Acq: 28 Jun 2024 20:02

Instrument :

BNA_M

ClientSampleId :

20071

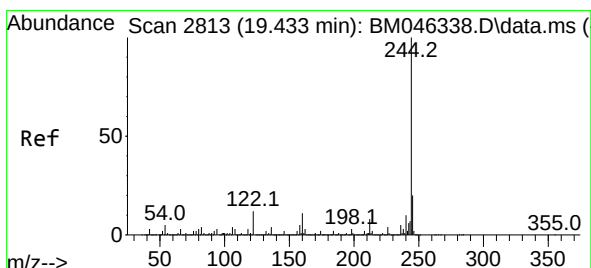
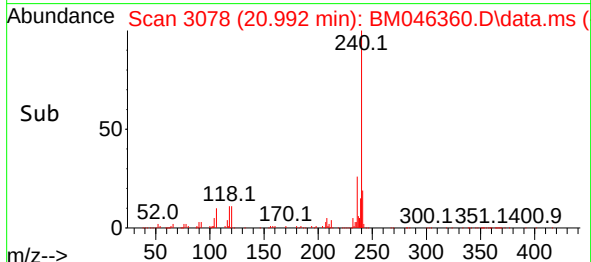
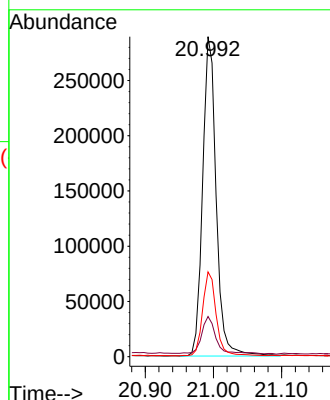
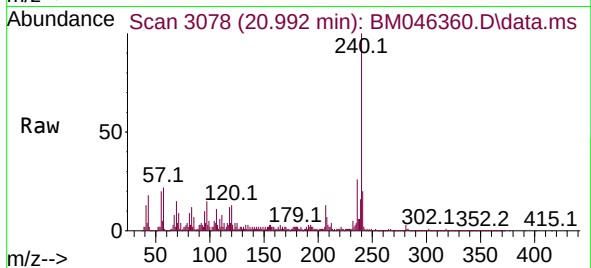
Tgt Ion:240 Resp: 399335

Ion Ratio Lower Upper

240 100

120 12.6 9.3 13.9

236 26.5 20.5 30.7



#79

Terphenyl-d14

Concen: 2.502 ng

RT: 19.427 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM046360.D

Acq: 28 Jun 2024 20:02

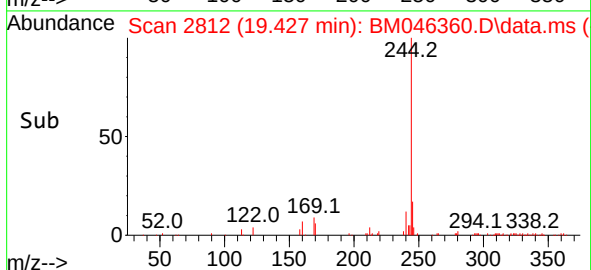
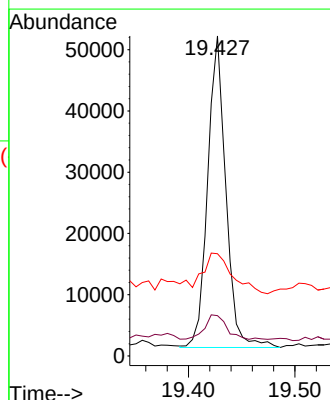
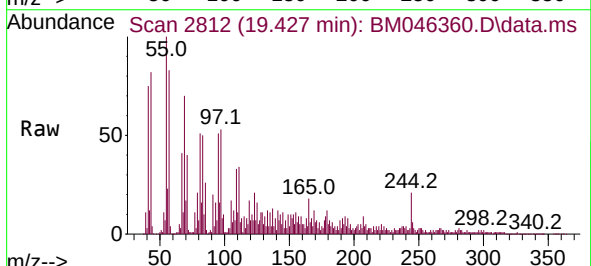
Tgt Ion:244 Resp: 60400

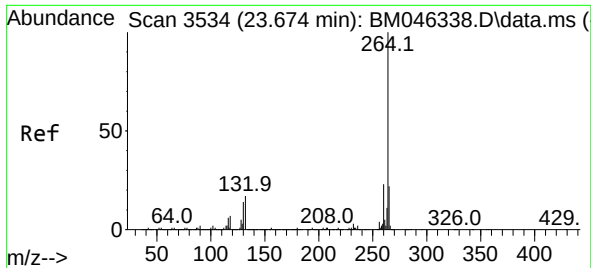
Ion Ratio Lower Upper

244 100

212 12.6 6.5 9.7#

122 32.0 9.4 14.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.668 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Instrument :
BNA_M
ClientSampleId :
20071

Tgt Ion:264 Resp: 462733
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 22.7 17.7 26.5

