

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
 Data File : BM045667.D
 Acq On : 02 May 2024 12:03
 Operator : MA/JU
 Sample : PB160503BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 15:23:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 06:17:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	20163	20.000	ng	0.00
21) Naphthalene-d8	10.286	136	67241	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	33905	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	56776	20.000	ng	0.00
76) Chrysene-d12	21.162	240	54574	20.000	ng	0.00
86) Perylene-d12	23.344	264	85683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.151	112	184316	135.481	ng	0.00
7) Phenol-d6	6.710	99	200322	125.356	ng	0.00
23) Nitrobenzene-d5	8.681	82	124734	86.200	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	41406	106.408	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	200235	80.528	ng	0.00
79) Terphenyl-d14	19.597	244	216192	82.931	ng	0.00

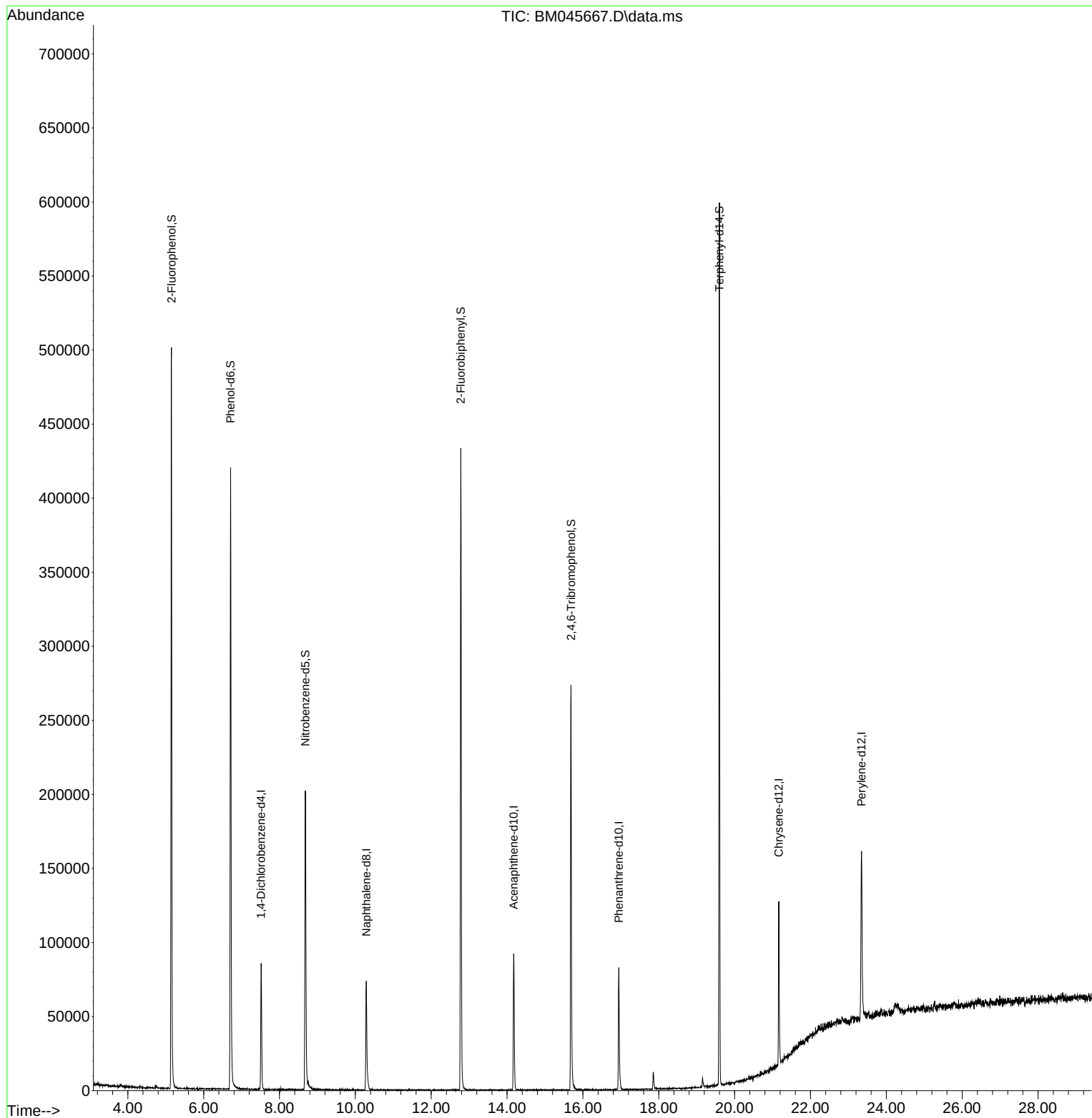
Target Compounds	Qvalue

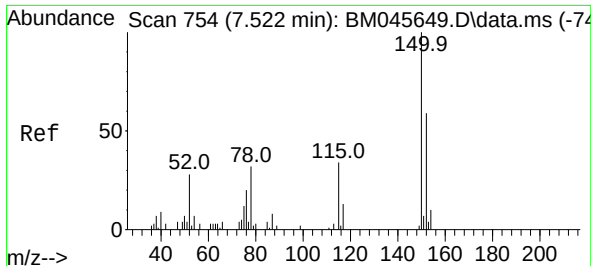
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
Data File : BM045667.D
Acq On : 02 May 2024 12:03
Operator : MA/JU
Sample : PB160503BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

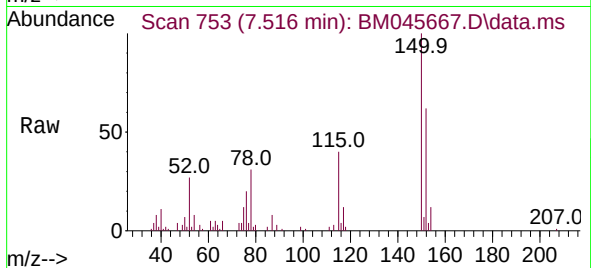
Quant Time: May 02 15:23:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 06:17:41 2024
Response via : Initial Calibration



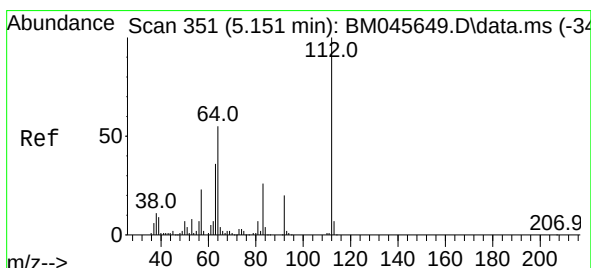
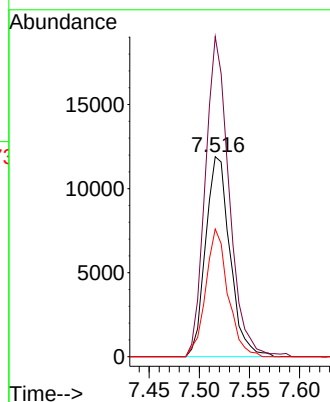
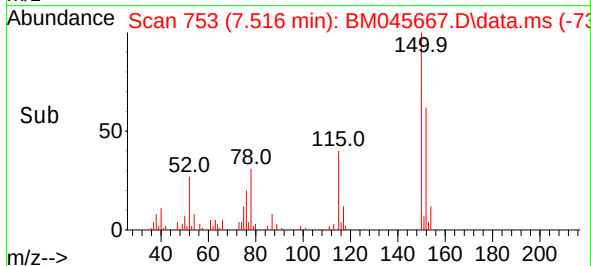


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.516 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM045667.D
Acq: 02 May 2024 12:03

Instrument :
BNA_M
ClientSampleId :

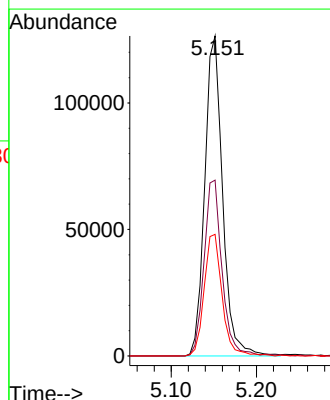
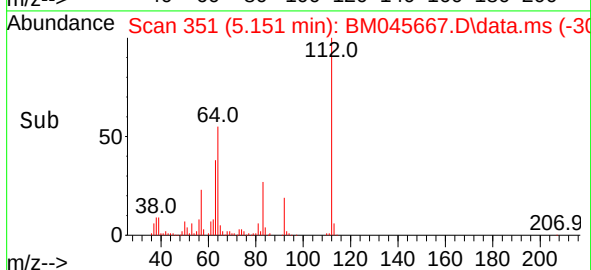
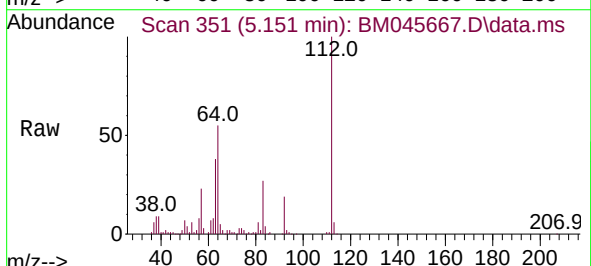


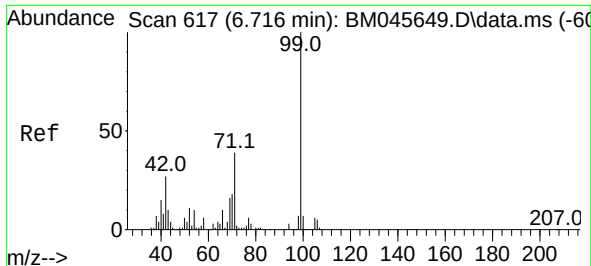
Tgt Ion:152 Resp: 20163
Ion Ratio Lower Upper
152 100
150 160.0 136.3 204.5
115 63.9 46.1 69.1



#5
2-Fluorophenol
Concen: 135.481 ng
RT: 5.151 min Scan# 351
Delta R.T. 0.000 min
Lab File: BM045667.D
Acq: 02 May 2024 12:03

Tgt Ion:112 Resp: 184316
Ion Ratio Lower Upper
112 100
64 54.9 44.1 66.1
63 38.0 29.1 43.7

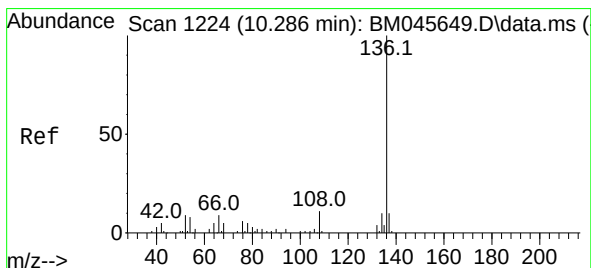
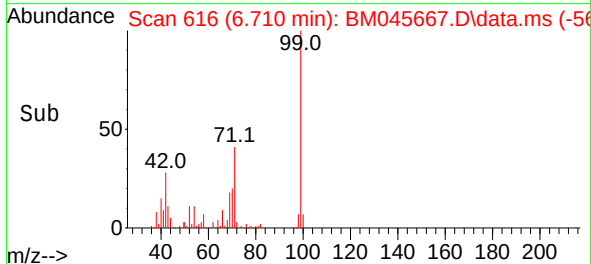
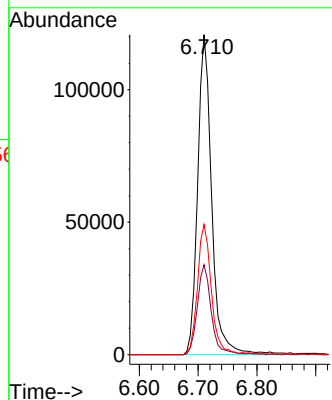
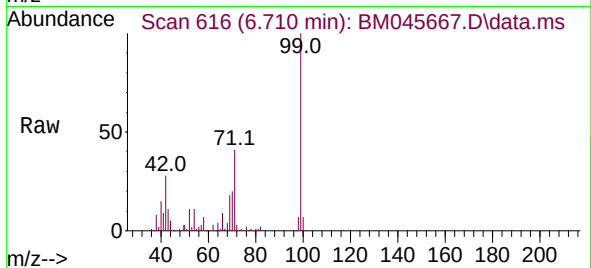




#7
Phenol-d6
Concen: 125.356 ng
RT: 6.710 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045667.D
Acq: 02 May 2024 12:03

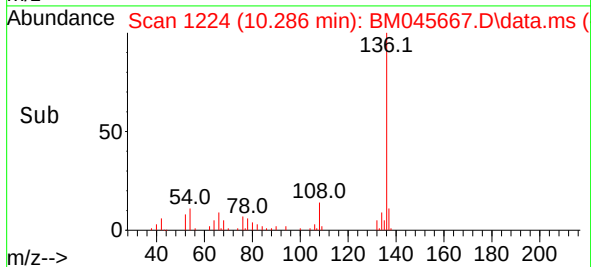
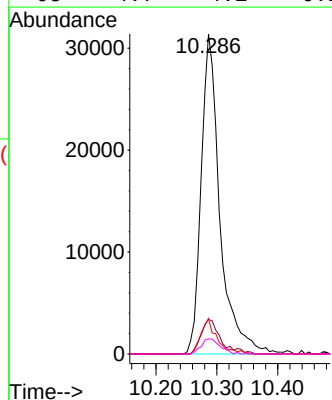
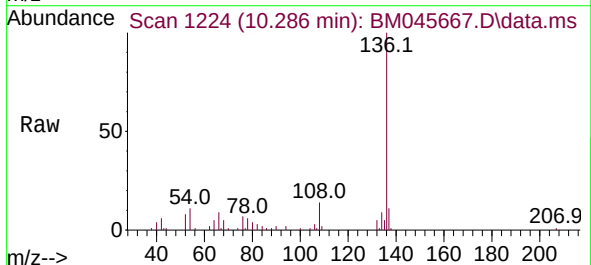
Instrument :
BNA_M
ClientSampleId :

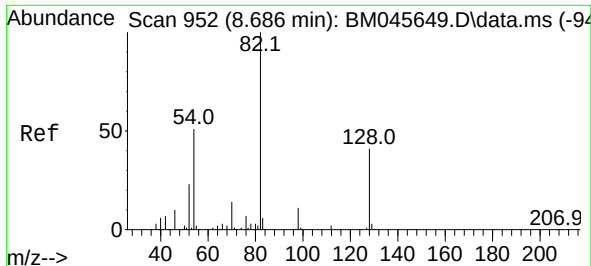
Tgt Ion: 99 Resp: 200322
Ion Ratio Lower Upper
99 100
42 28.1 21.4 32.0
71 40.7 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BM045667.D
Acq: 02 May 2024 12:03

Tgt Ion: 136 Resp: 67241
Ion Ratio Lower Upper
136 100
137 10.8 7.8 11.6
54 11.1 6.6 9.8#
68 4.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 86.200 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.006 min

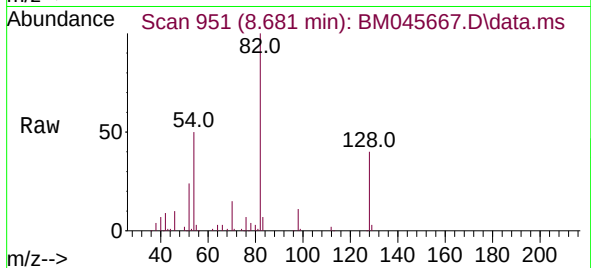
Lab File: BM045667.D

Acq: 02 May 2024 12:03

Instrument :

BNA_M

ClientSampleId :



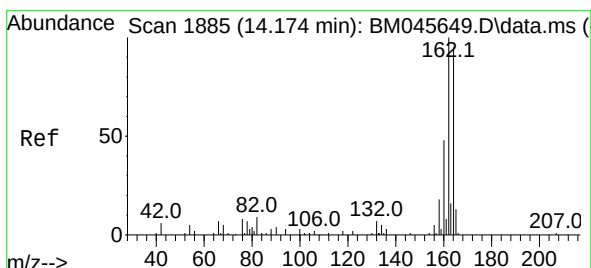
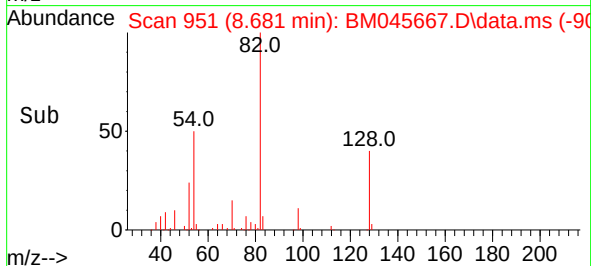
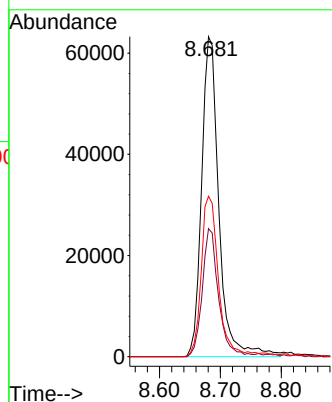
Tgt Ion: 82 Resp: 124734

Ion Ratio Lower Upper

82 100

128 40.0 32.7 49.1

54 50.2 40.5 60.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.174 min Scan# 1885

Delta R.T. 0.000 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

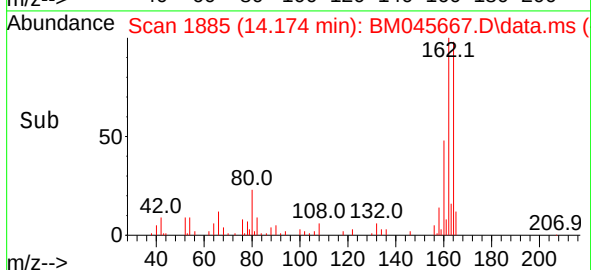
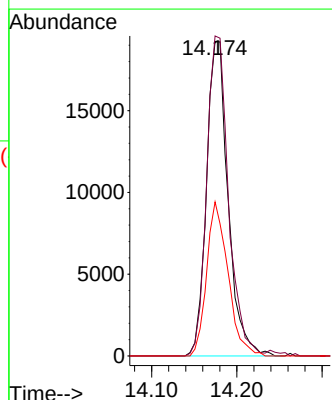
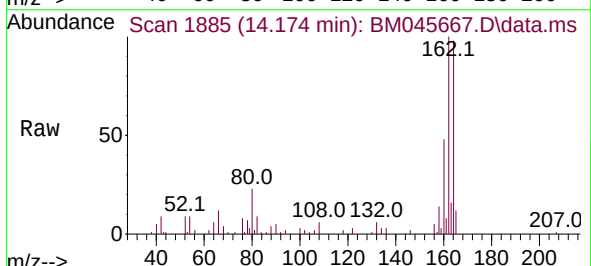
Tgt Ion: 164 Resp: 33905

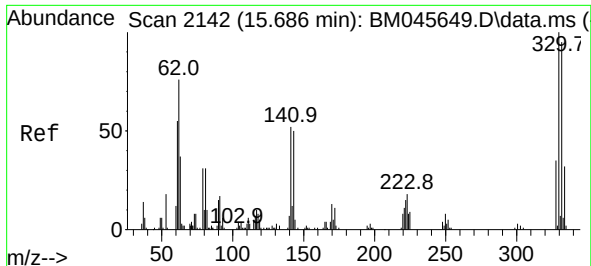
Ion Ratio Lower Upper

164 100

162 101.7 83.8 125.8

160 49.0 40.6 61.0





#42

2,4,6-Tribromophenol

Concen: 106.408 ng

RT: 15.686 min Scan# 2142

Delta R.T. 0.000 min

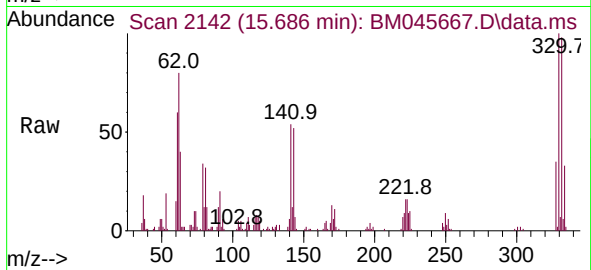
Lab File: BM045667.D

Acq: 02 May 2024 12:03

Instrument :

BNA_M

ClientSampleId :



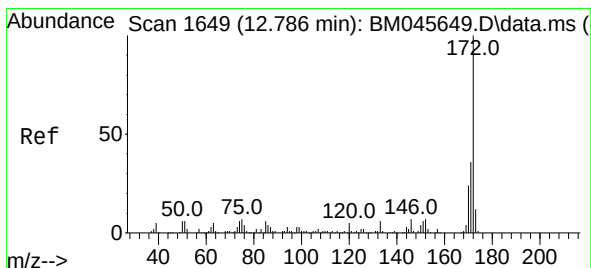
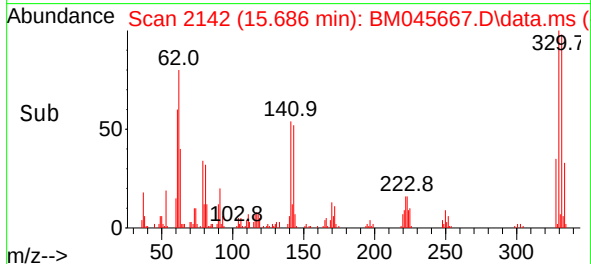
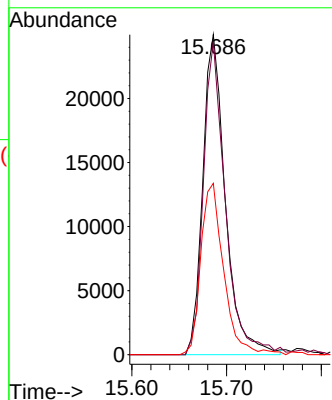
Tgt Ion:330 Resp: 41406

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 54.3 42.8 64.2



#45

2-Fluorobiphenyl

Concen: 80.528 ng

RT: 12.780 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

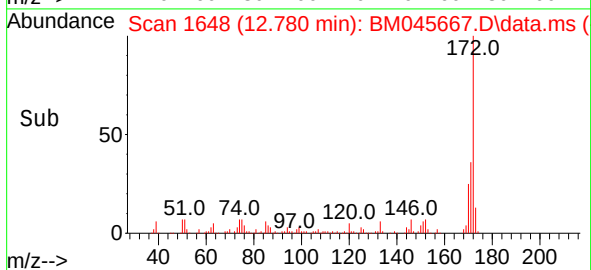
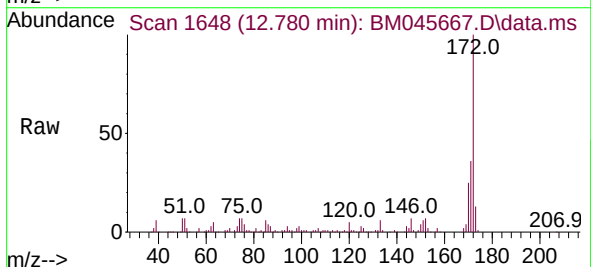
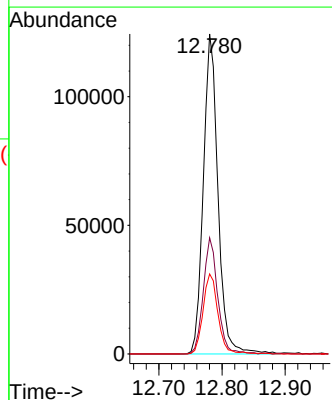
Tgt Ion:172 Resp: 200235

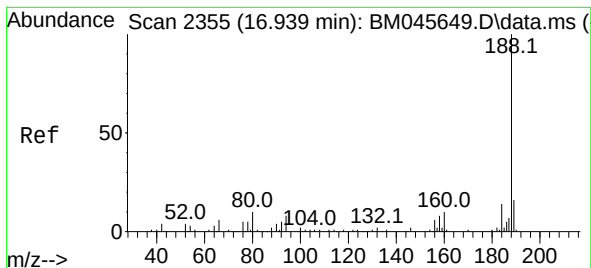
Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 25.0 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.006 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

Instrument :

BNA_M

ClientSampleId :

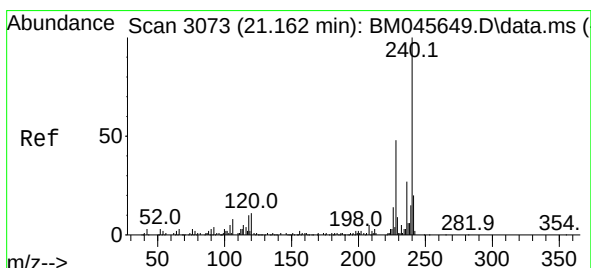
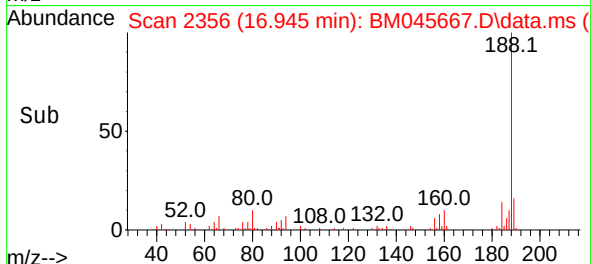
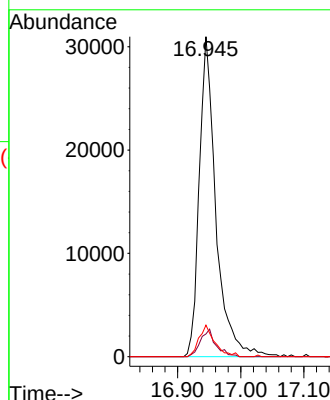
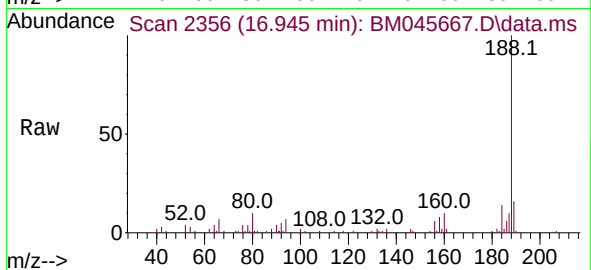
Tgt Ion:188 Resp: 56776

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.2

80 9.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.162 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

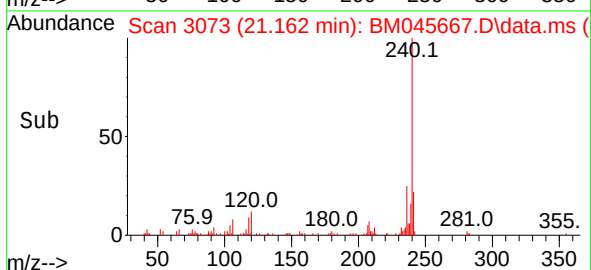
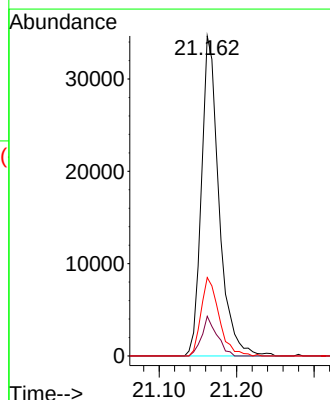
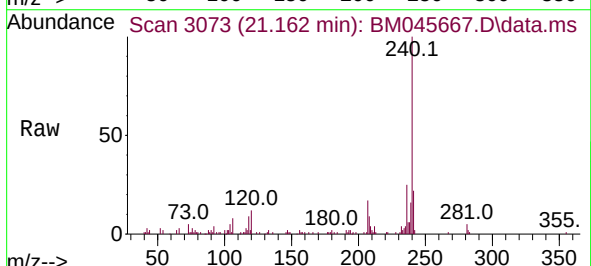
Tgt Ion:240 Resp: 54574

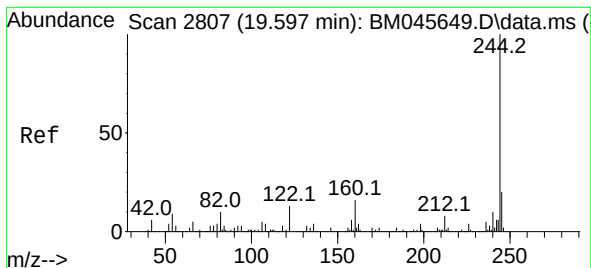
Ion Ratio Lower Upper

240 100

120 12.4 9.1 13.7

236 24.5 21.5 32.3





#79

Terphenyl-d14

Concen: 82.931 ng

RT: 19.597 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

Instrument :

BNA_M

ClientSampleId :

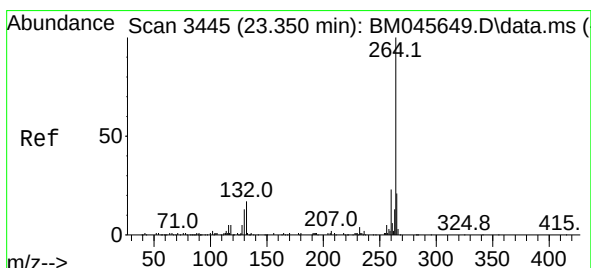
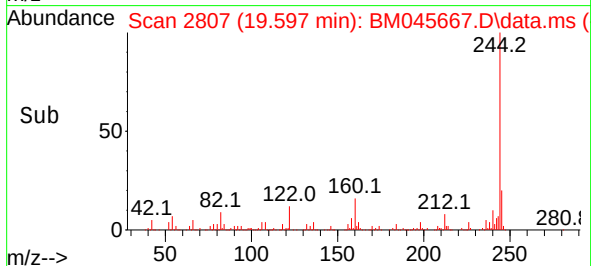
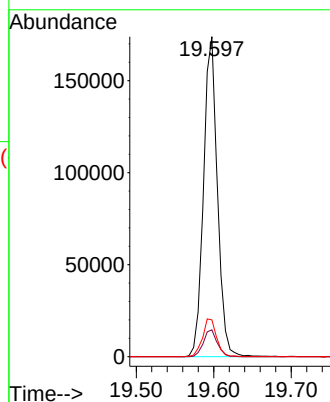
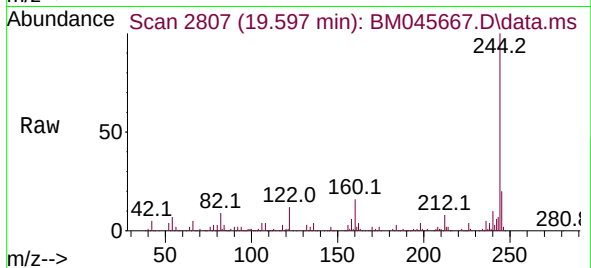
Tgt Ion:244 Resp: 216192

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

122 11.5 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.344 min Scan# 3444

Delta R.T. -0.006 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

Tgt Ion:264 Resp: 85683

Ion Ratio Lower Upper

264 100

260 26.0 18.3 27.5

265 23.0 17.8 26.6

