

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
 Data File : BM045747.D
 Acq On : 22 May 2024 18:04
 Operator : MA/JU
 Sample : PB160974BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160974BL

Quant Time: May 23 04:37:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	283570	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	1119795	20.000	ng	0.00
39) Acenaphthene-d10	14.204	164	708384	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1444035	20.000	ng	0.00
76) Chrysene-d12	21.162	240	1272087	20.000	ng	0.00
86) Perylene-d12	23.956	264	1440168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	2391213	150.343	ng	0.00
7) Phenol-d6	6.840	99	3022287	141.537	ng	0.00
23) Nitrobenzene-d5	8.734	82	1942308	94.353	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	1031527	137.481	ng	0.00
45) 2-Fluorobiphenyl	12.827	172	3931324	89.196	ng	0.00
79) Terphenyl-d14	19.586	244	5846749	84.595	ng	0.00

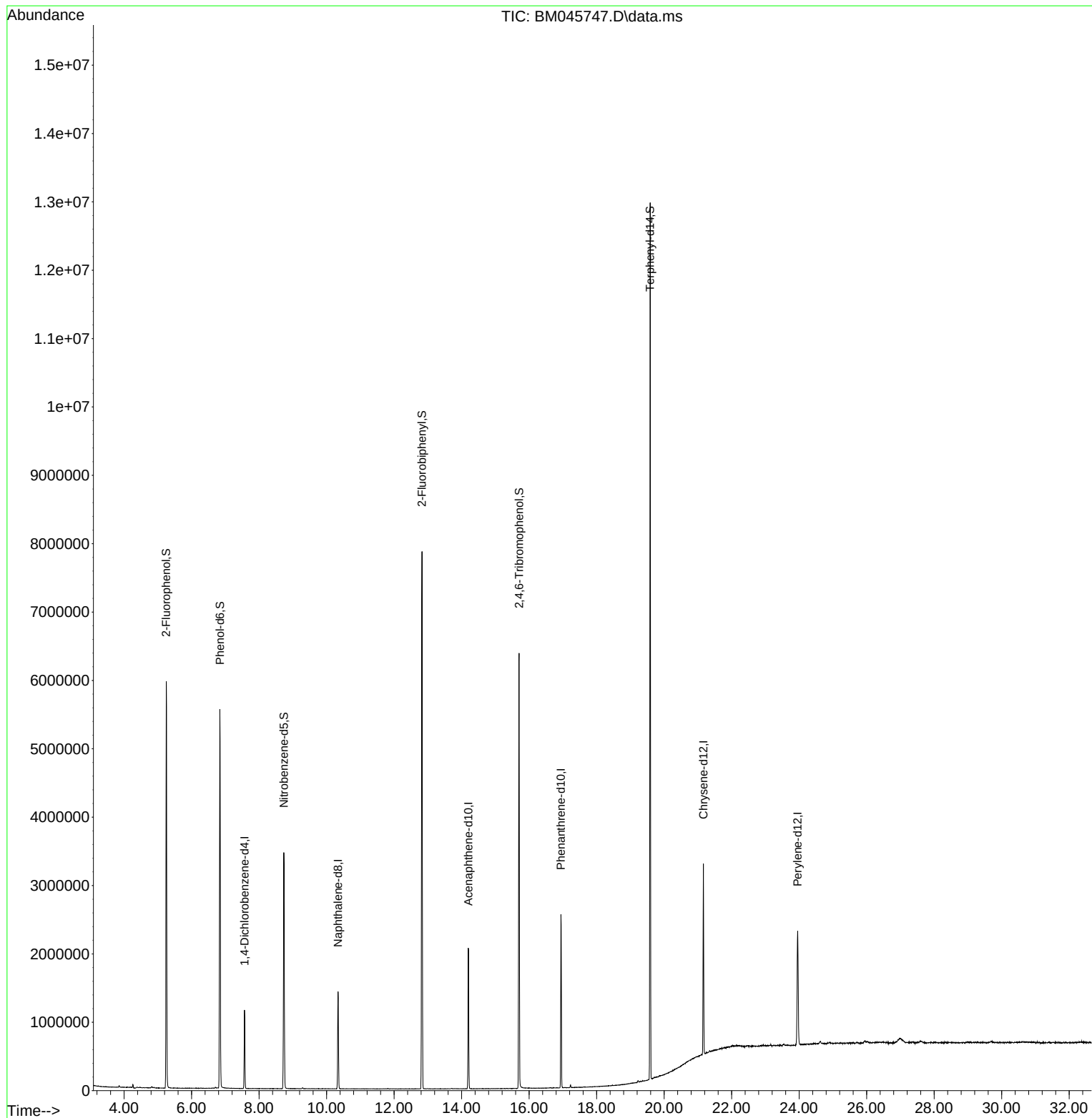
Target Compounds	Qvalue

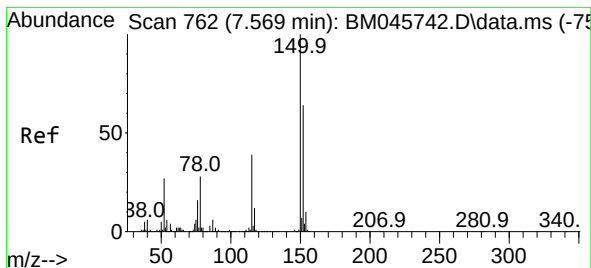
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.569 min Scan# 762

Delta R.T. 0.000 min

Lab File: BM045747.D

Acq: 22 May 2024 18:04

Instrument :

BNA_M

ClientSampleId :

PB160974BL

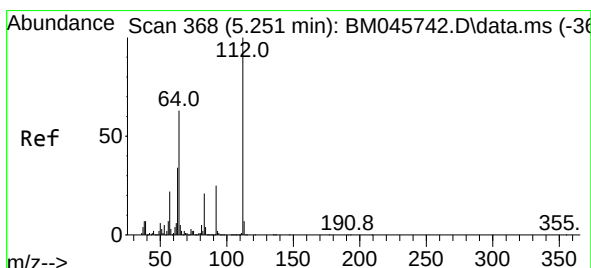
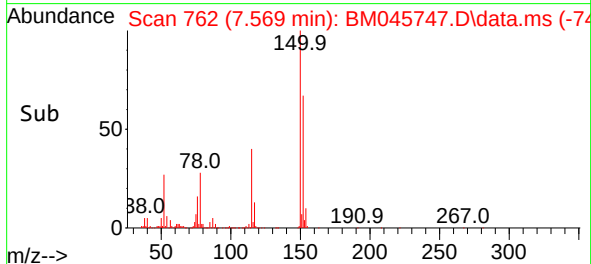
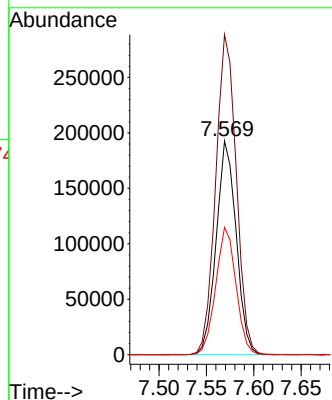
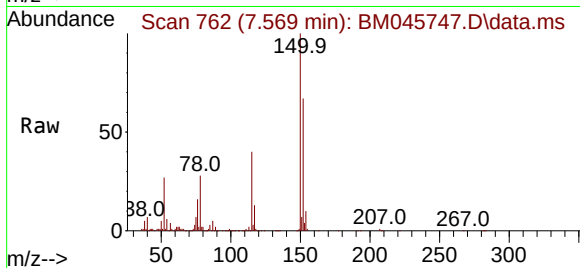
Tgt Ion:152 Resp: 283570

Ion Ratio Lower Upper

152 100

150 149.8 124.2 186.4

115 59.6 48.9 73.3



#5

2-Fluorophenol

Concen: 150.343 ng

RT: 5.252 min Scan# 368

Delta R.T. 0.000 min

Lab File: BM045747.D

Acq: 22 May 2024 18:04

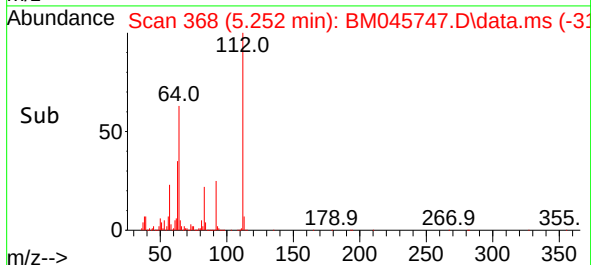
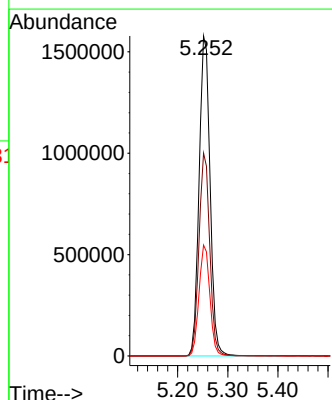
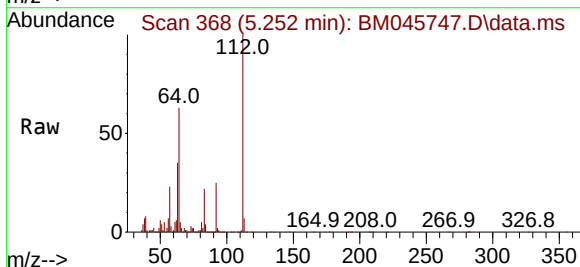
Tgt Ion:112 Resp: 2391213

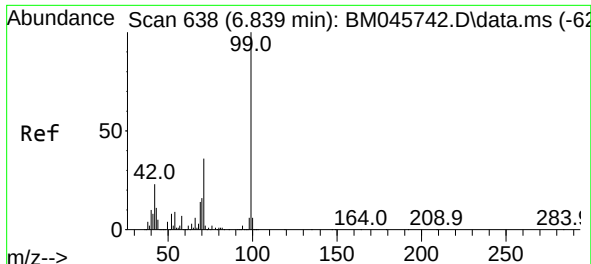
Ion Ratio Lower Upper

112 100

64 63.4 50.1 75.1

63 34.6 27.3 40.9



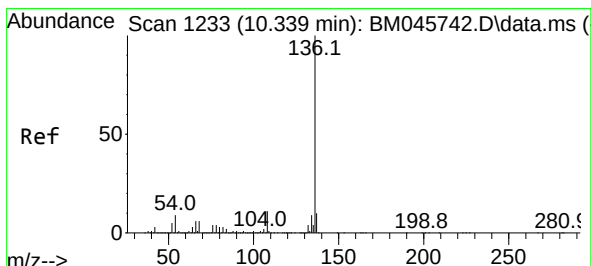
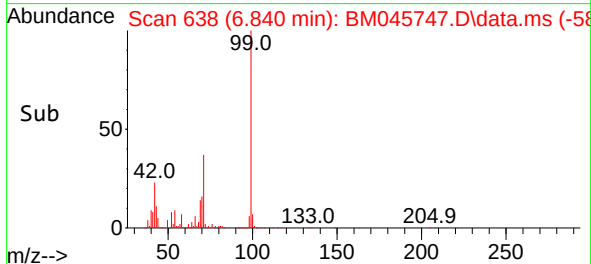
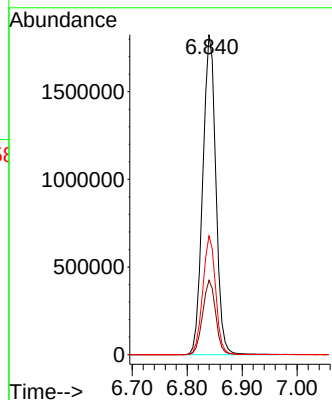
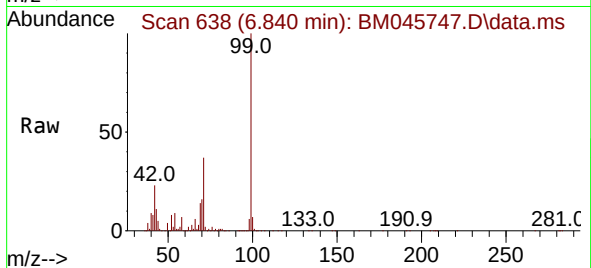


#7
Phenol-d6
Concen: 141.537 ng
RT: 6.840 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045747.D
Acq: 22 May 2024 18:04

Instrument :
BNA_M
ClientSampleId :
PB160974BL

Tgt Ion: 99 Resp: 3022287

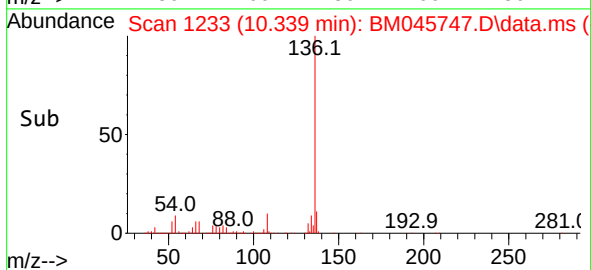
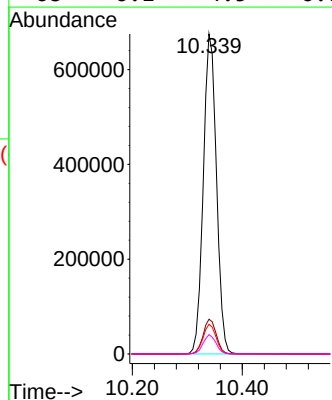
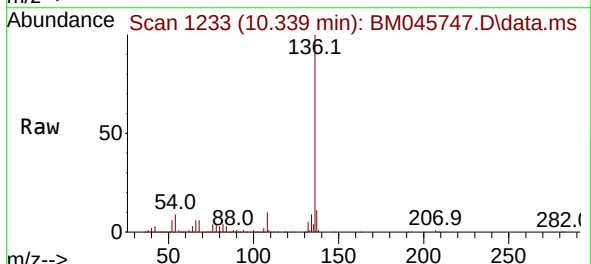
Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.3	27.5
71	37.1	28.5	42.7

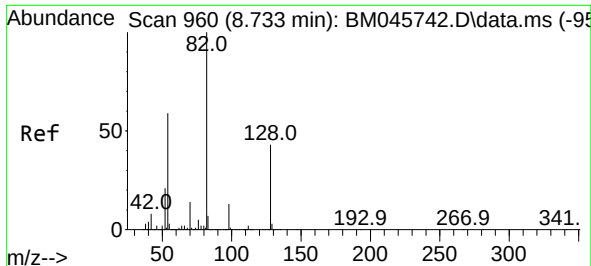


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BM045747.D
Acq: 22 May 2024 18:04

Tgt Ion: 136 Resp: 1119795

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	9.2	7.5	11.3
68	6.1	4.5	6.7

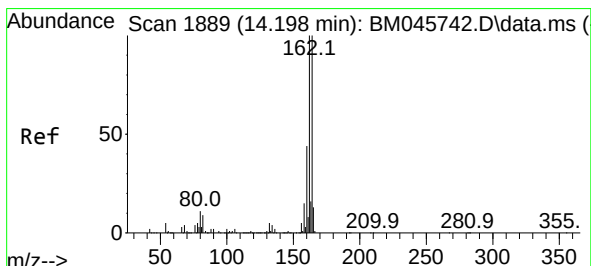
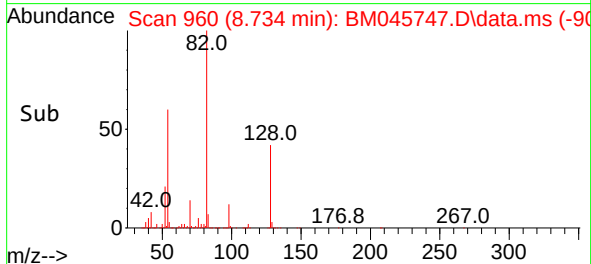
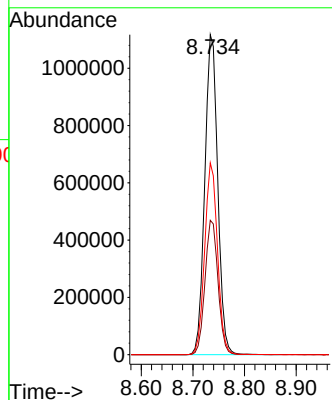
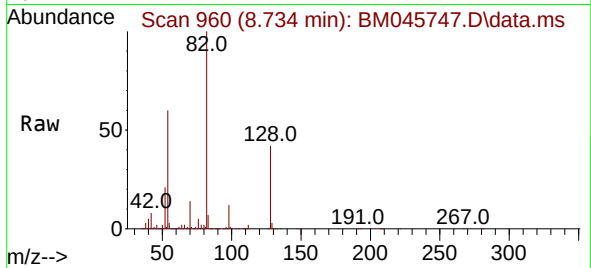




#23
Nitrobenzene-d5
Concen: 94.353 ng
RT: 8.734 min Scan# 90
Delta R.T. 0.001 min
Lab File: BM045747.D
Acq: 22 May 2024 18:04

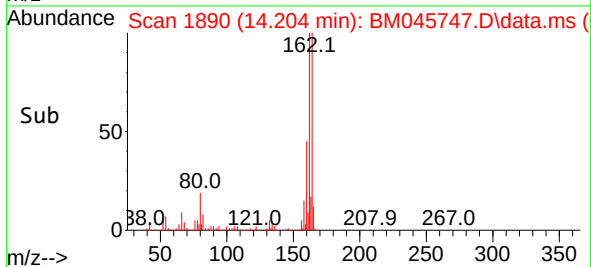
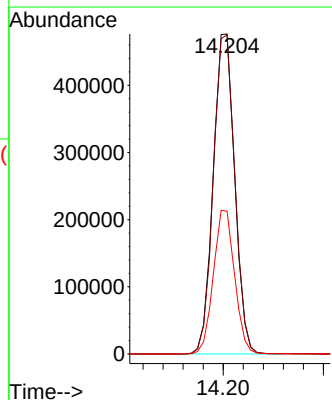
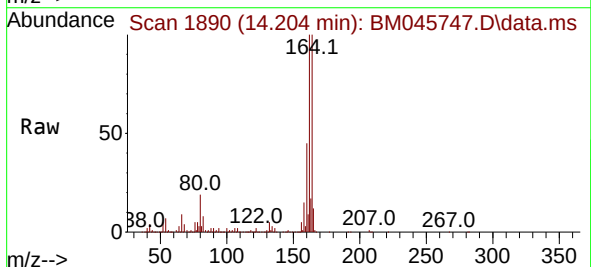
Instrument :
BNA_M
ClientSampleId :
PB160974BL

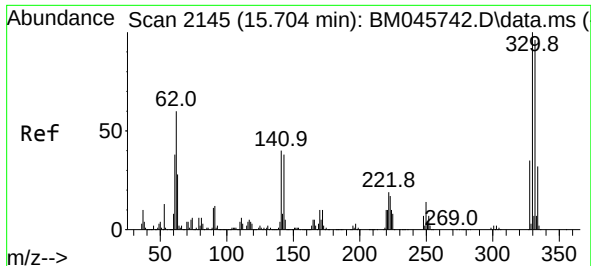
Tgt Ion: 82 Resp: 1942308
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.4
54 59.9 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.204 min Scan# 1890
Delta R.T. 0.006 min
Lab File: BM045747.D
Acq: 22 May 2024 18:04

Tgt Ion:164 Resp: 708384
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 44.6 35.0 52.6

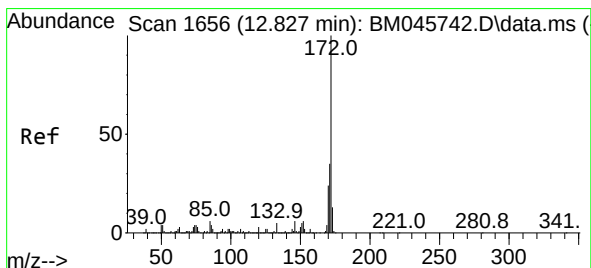
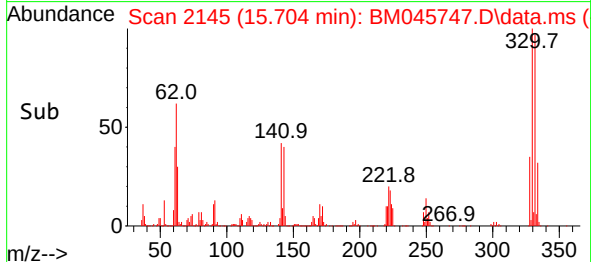
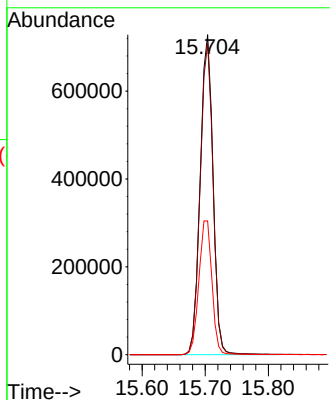
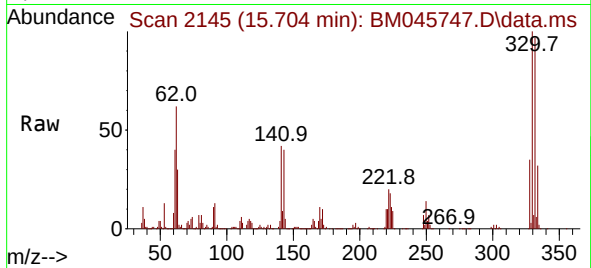




#42
2,4,6-Tribromophenol
Concen: 137.481 ng
RT: 15.704 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BM045747.D
Acq: 22 May 2024 18:04

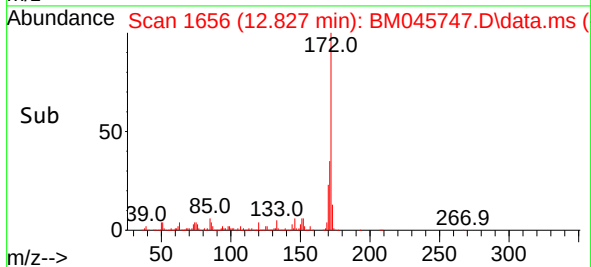
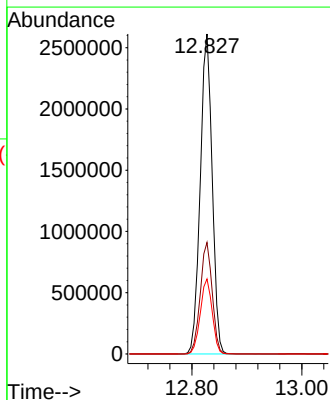
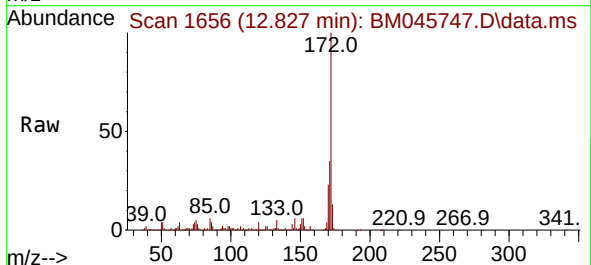
Instrument :
BNA_M
ClientSampleId :
PB160974BL

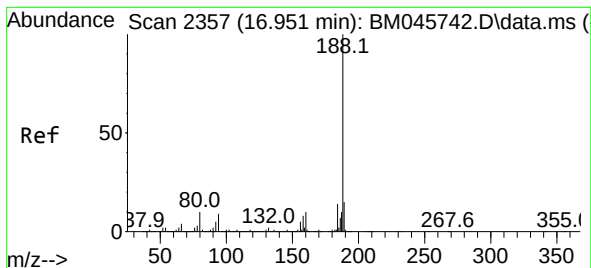
Tgt Ion:330 Resp: 1031527
Ion Ratio Lower Upper
330 100
332 97.5 77.2 115.8
141 42.6 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 89.196 ng
RT: 12.827 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BM045747.D
Acq: 22 May 2024 18:04

Tgt Ion:172 Resp: 3931324
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045747.D

Acq: 22 May 2024 18:04

Instrument :

BNA_M

ClientSampleId :

PB160974BL

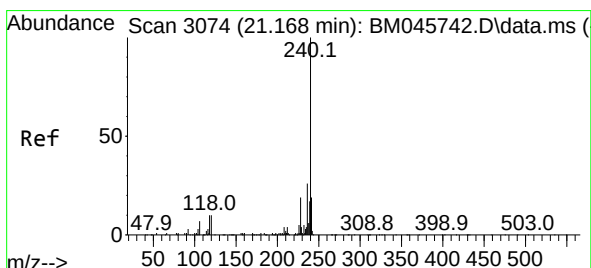
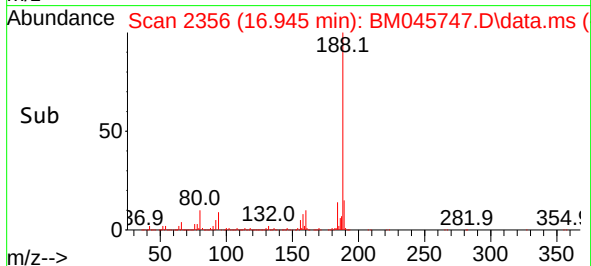
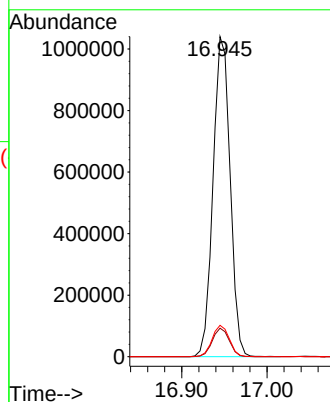
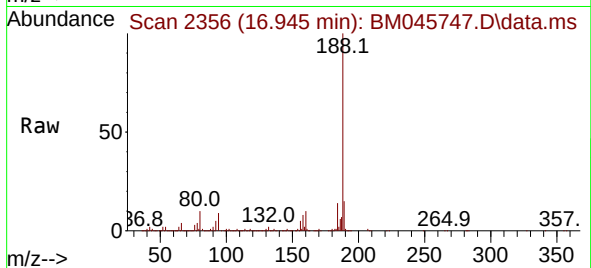
Tgt Ion:188 Resp: 1444035

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.8 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.162 min Scan# 3073

Delta R.T. -0.006 min

Lab File: BM045747.D

Acq: 22 May 2024 18:04

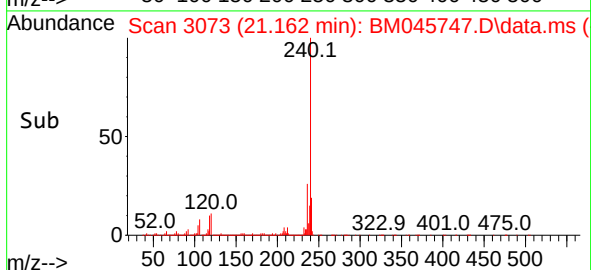
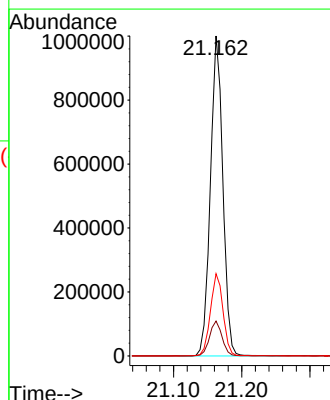
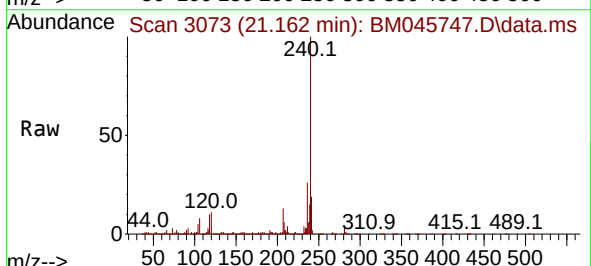
Tgt Ion:240 Resp: 1272087

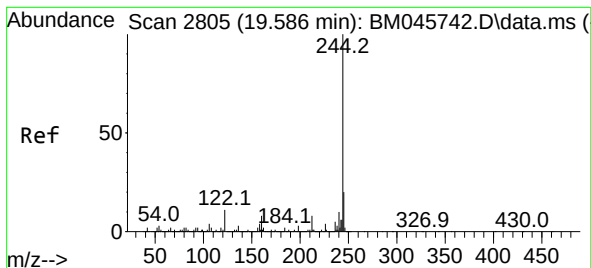
Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 84.595 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045747.D

Acq: 22 May 2024 18:04

Instrument :

BNA_M

ClientSampleId :

PB160974BL

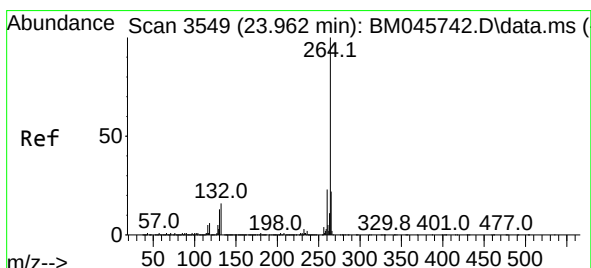
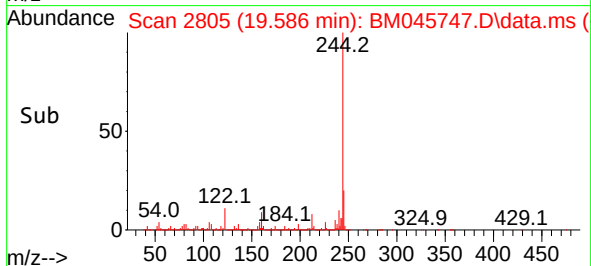
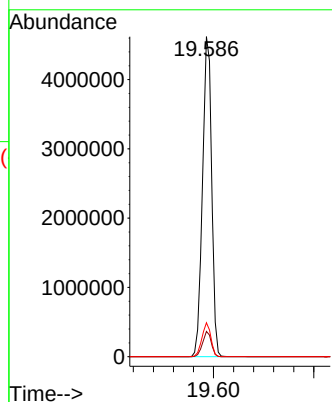
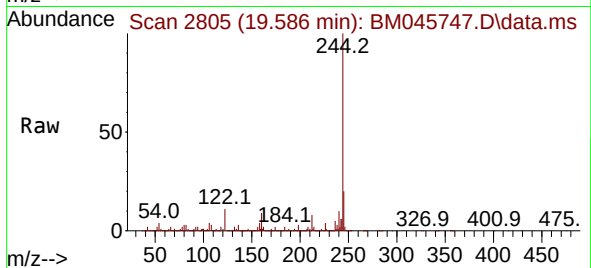
Tgt Ion:244 Resp: 5846749

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 10.6 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.956 min Scan# 3548

Delta R.T. -0.006 min

Lab File: BM045747.D

Acq: 22 May 2024 18:04

Tgt Ion:264 Resp: 1440168

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.1 17.8 26.8

