

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
 Data File : BM045725.D
 Acq On : 13 May 2024 23:14
 Operator : MA/JU
 Sample : PB160855BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160855BL

Quant Time: May 14 03:02:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 02:40:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	82155	20.000	ng	0.00
21) Naphthalene-d8	10.351	136	292265	20.000	ng	# 0.00
39) Acenaphthene-d10	14.210	164	149758	20.000	ng	0.00
64) Phenanthrene-d10	16.957	188	304470	20.000	ng	# 0.00
76) Chrysene-d12	21.168	240	242042	20.000	ng	#-0.01
86) Perylene-d12	23.968	264	308779	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	739237	154.416	ng	0.00
7) Phenol-d6	6.863	99	866068	148.357	ng	0.00
23) Nitrobenzene-d5	8.751	82	632764	99.437	ng	0.00
42) 2,4,6-Tribromophenol	15.716	330	313807	153.465	ng	0.00
45) 2-Fluorobiphenyl	12.839	172	1065110	98.027	ng	0.00
79) Terphenyl-d14	19.598	244	1929221	77.787	ng	0.00

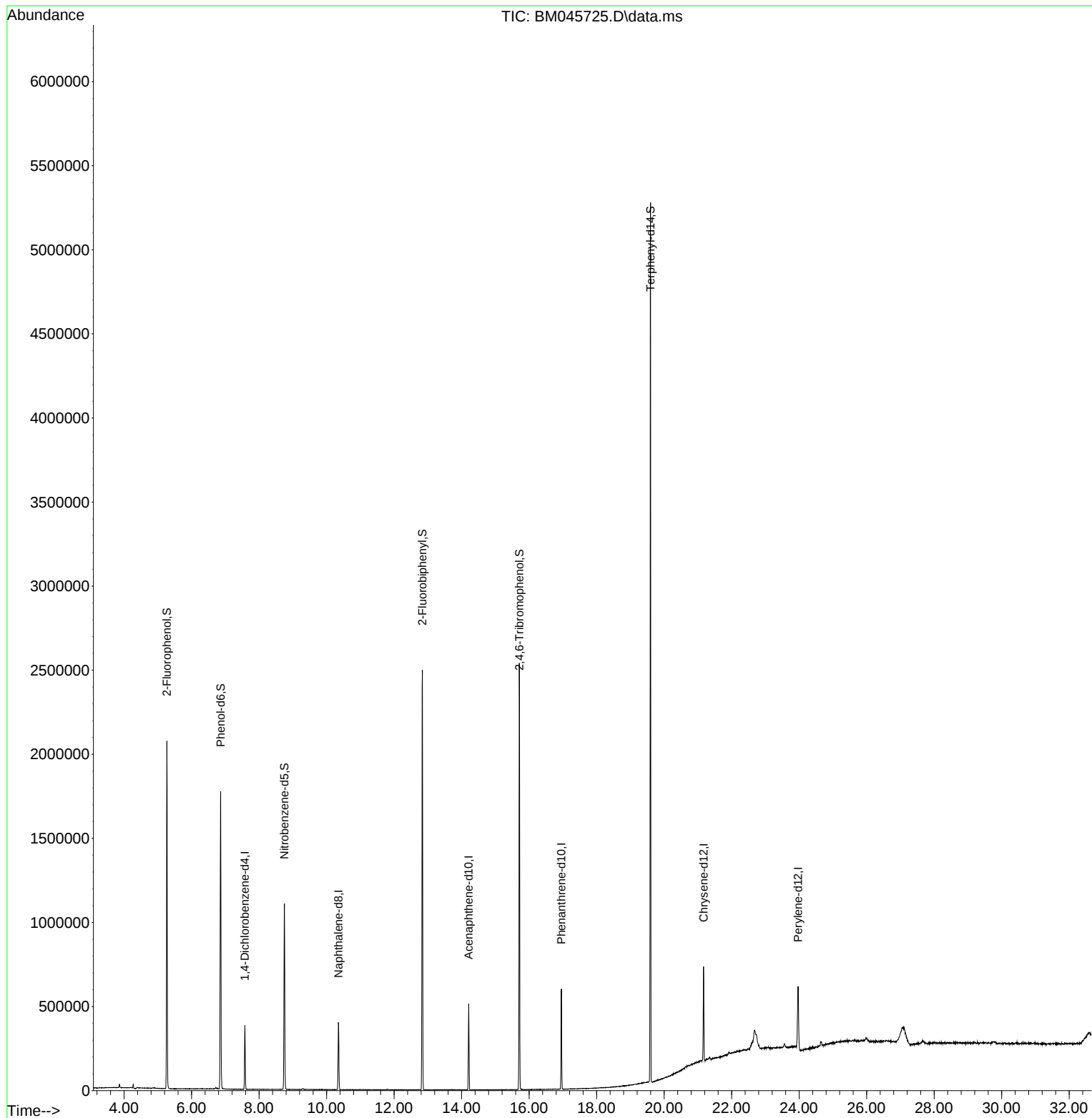
Target Compounds	Qvalue

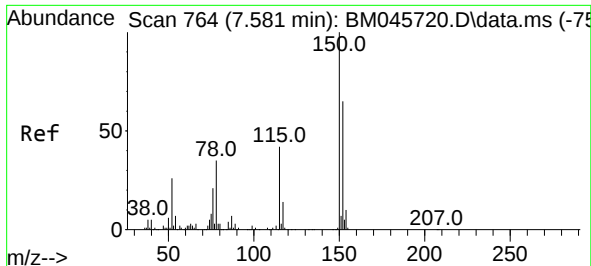
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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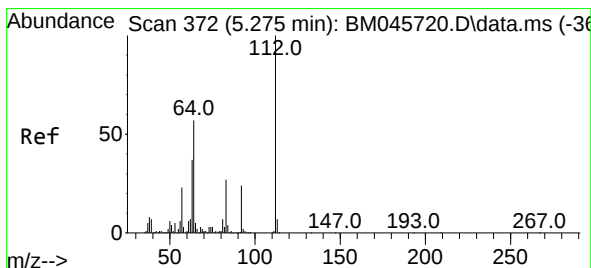
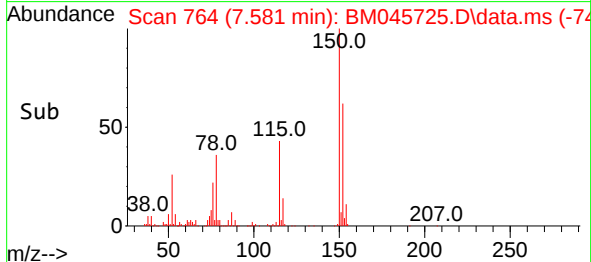
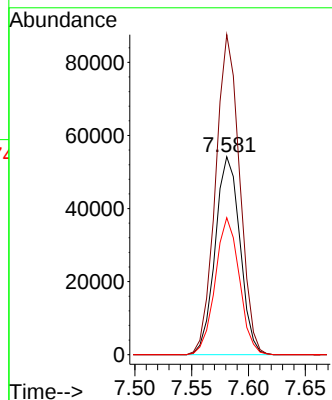
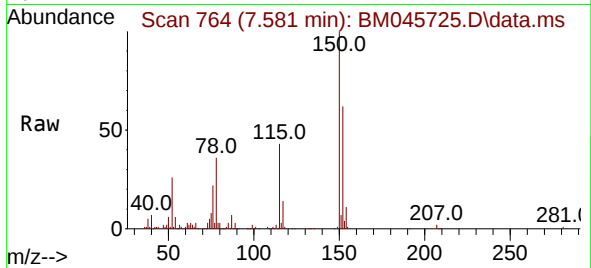




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

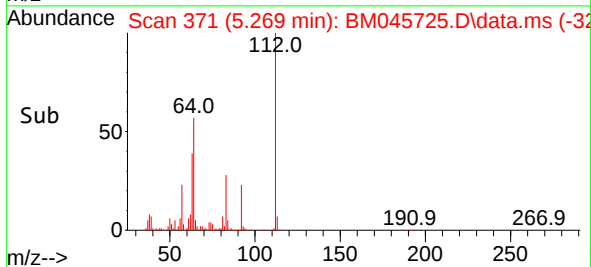
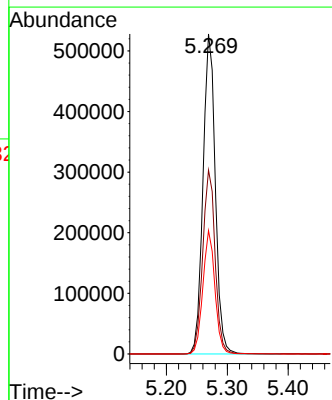
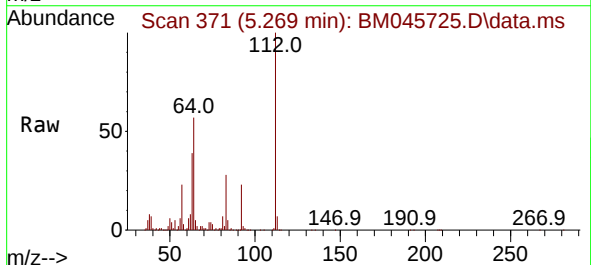
Instrument :
BNA_M
ClientSampleId :
PB160855BL

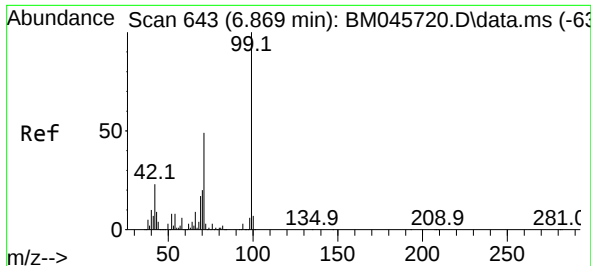
Tgt Ion:152 Resp: 82155
Ion Ratio Lower Upper
152 100
150 161.7 123.2 184.8
115 69.2 52.1 78.1



#5
2-Fluorophenol
Concen: 154.416 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.006 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

Tgt Ion:112 Resp: 739237
Ion Ratio Lower Upper
112 100
64 57.5 45.8 68.8
63 38.6 29.9 44.9

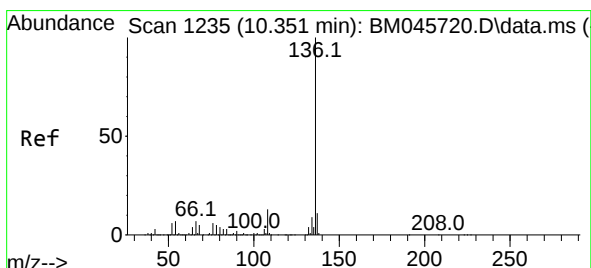
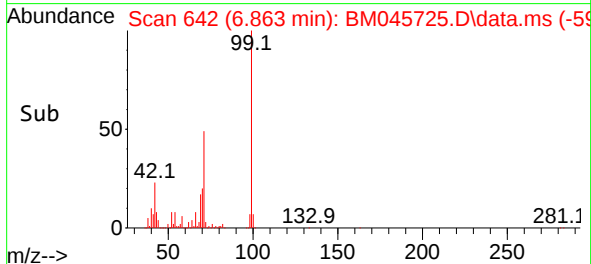
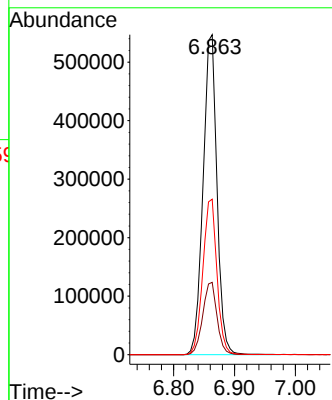
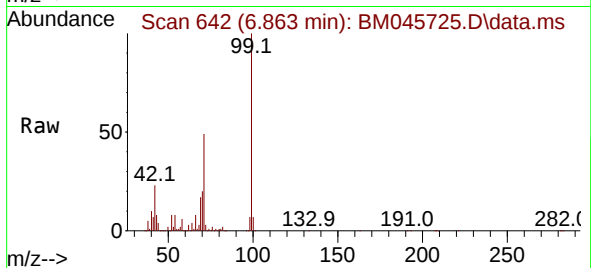




#7
Phenol-d6
Concen: 148.357 ng
RT: 6.863 min Scan# 643
Delta R.T. -0.006 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

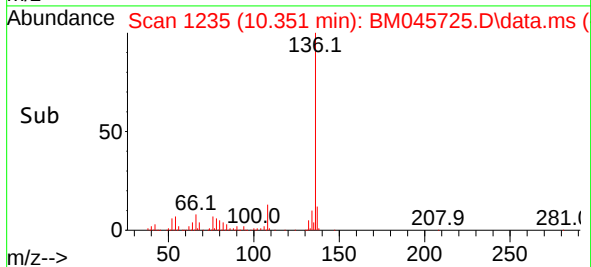
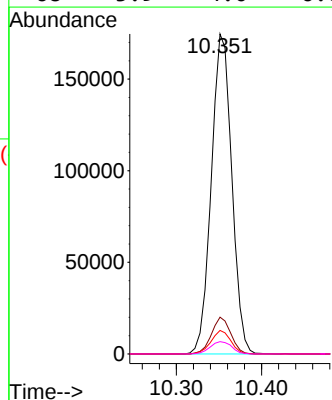
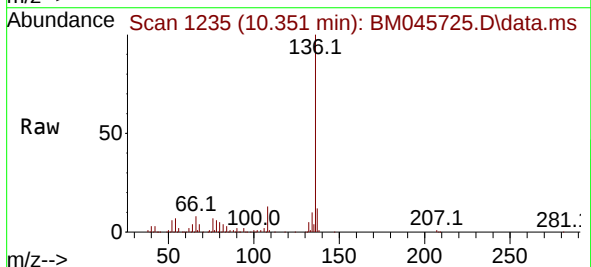
Instrument :
BNA_M
ClientSampleId :
PB160855BL

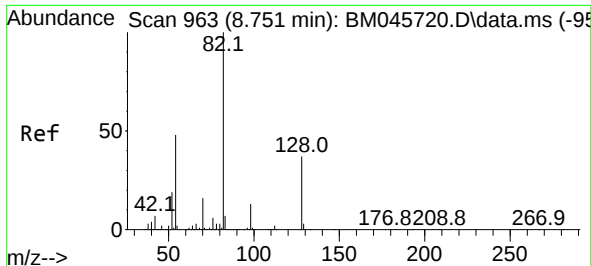
Tgt Ion: 99 Resp: 866068
Ion Ratio Lower Upper
99 100
42 22.6 18.2 27.2
71 48.6 39.1 58.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

Tgt Ion: 136 Resp: 292265
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.4 5.8 8.6
68 3.9 4.0 6.0

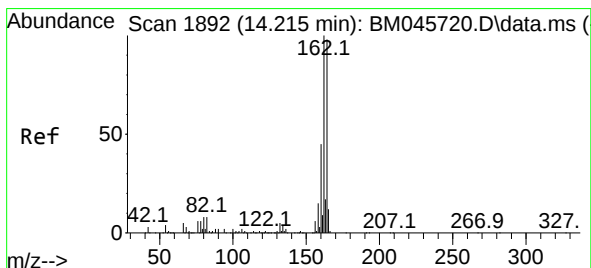
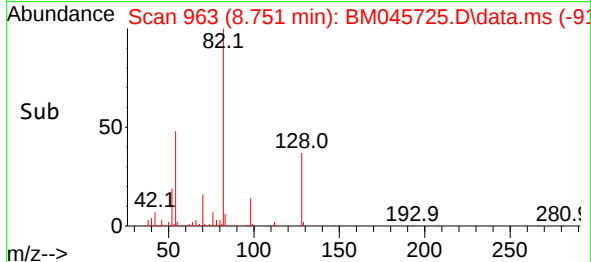
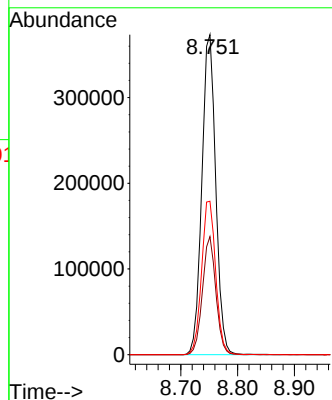
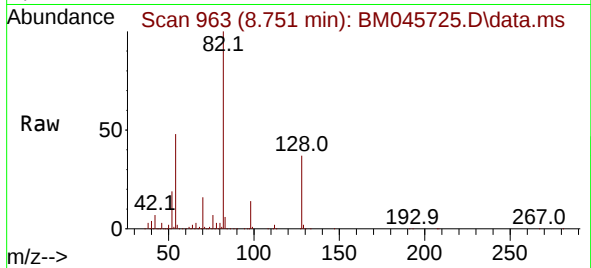




#23
Nitrobenzene-d5
Concen: 99.437 ng
RT: 8.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

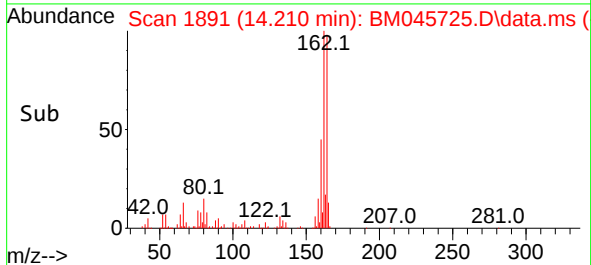
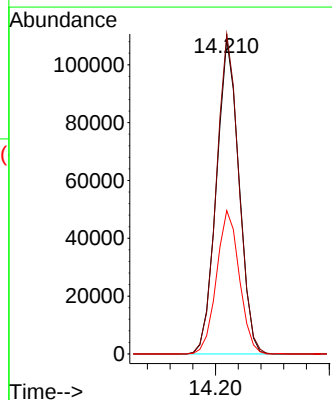
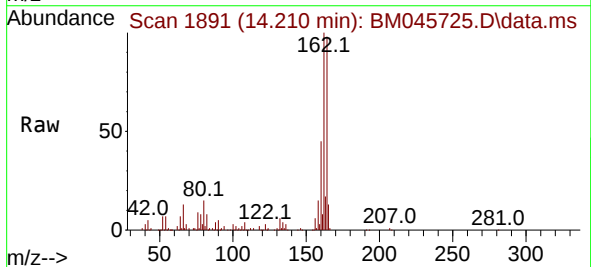
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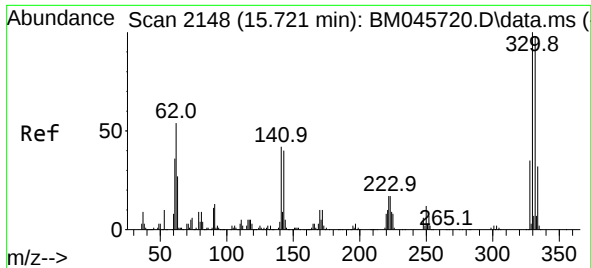
Tgt Ion: 82 Resp: 632764
Ion Ratio Lower Upper
82 100
128 36.9 29.4 44.2
54 47.9 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

Tgt Ion: 164 Resp: 149758
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.8
160 45.5 36.4 54.6

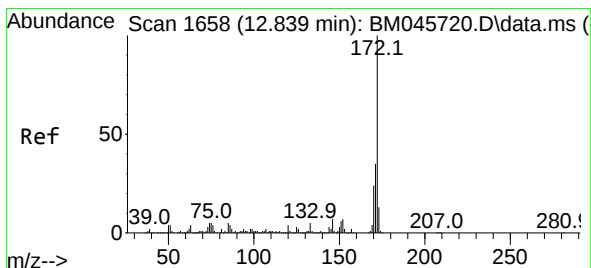
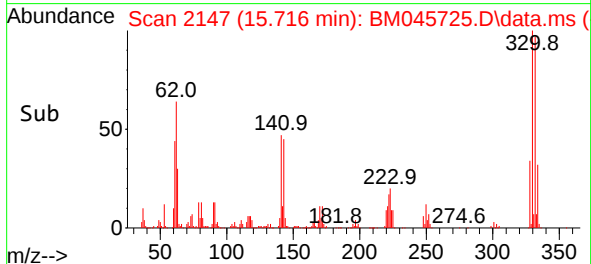
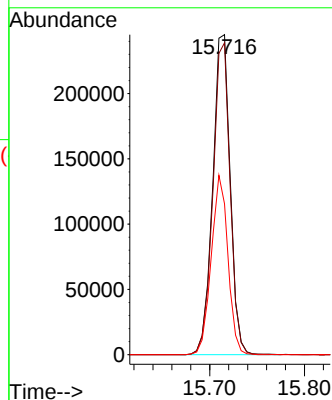
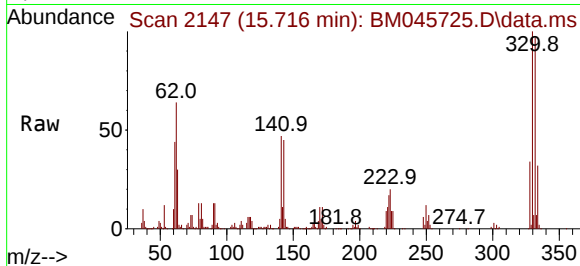




#42
2,4,6-Tribromophenol
Concen: 153.465 ng
RT: 15.716 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

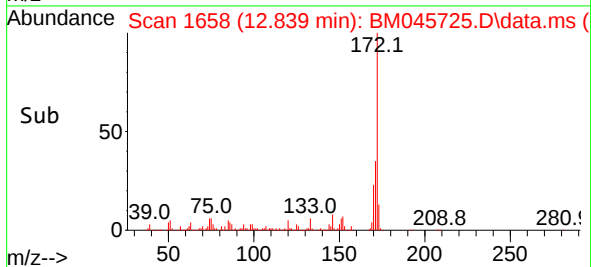
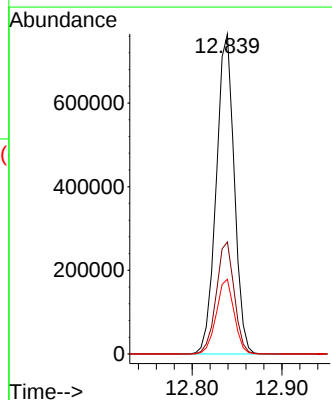
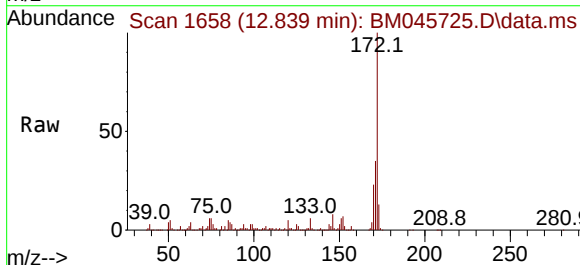
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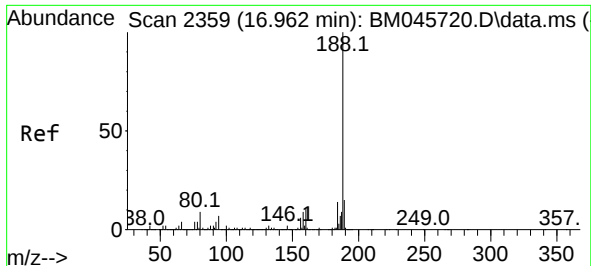
Tgt Ion:330 Resp: 313807
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.6
141 53.3 37.2 55.8



#45
2-Fluorobiphenyl
Concen: 98.027 ng
RT: 12.839 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

Tgt Ion:172 Resp: 1065110
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.3 18.9 28.3

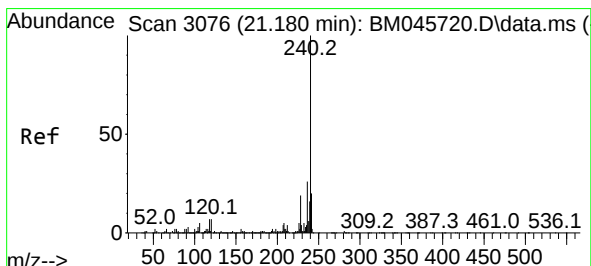
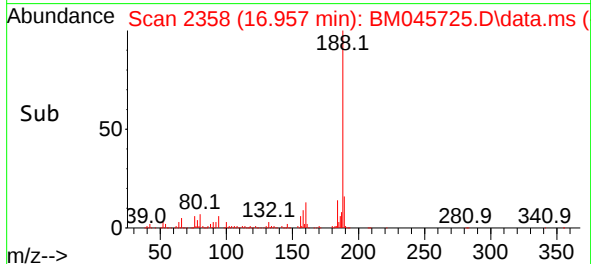
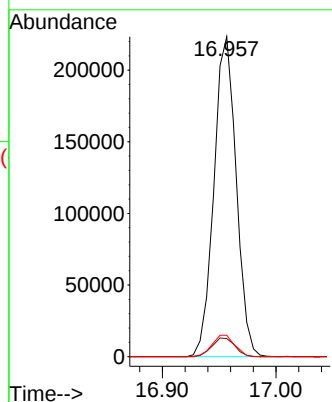
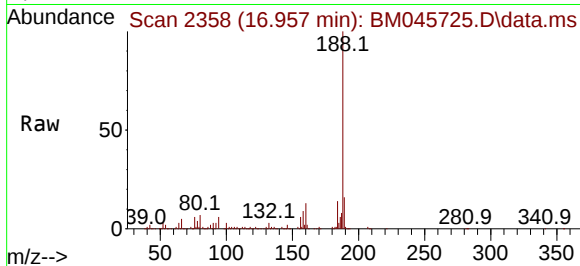




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

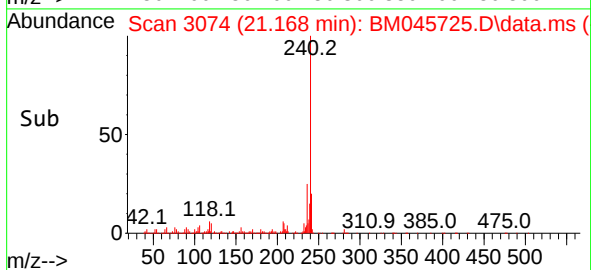
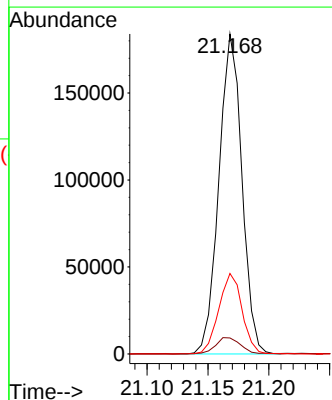
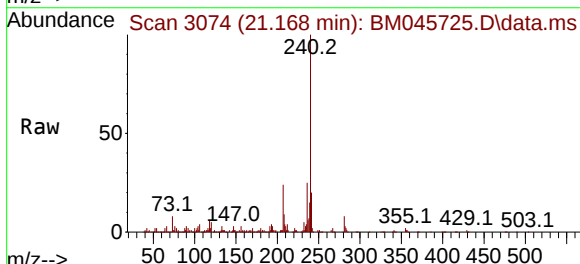
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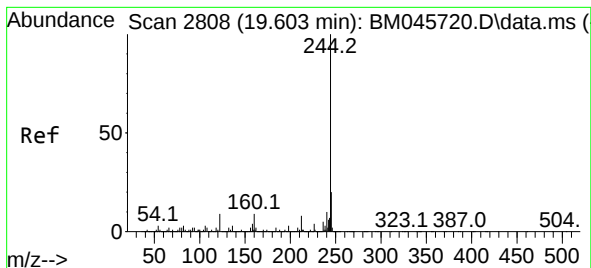
Tgt Ion:188 Resp: 304470
Ion Ratio Lower Upper
188 100
94 5.7 5.8 8.6#
80 6.7 6.9 10.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.012 min
Lab File: BM045725.D
Acq: 13 May 2024 23:14

Tgt Ion:240 Resp: 242042
Ion Ratio Lower Upper
240 100
120 5.0 5.8 8.6#
236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 77.787 ng

RT: 19.598 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM045725.D

Acq: 13 May 2024 23:14

Instrument :

BNA_M

ClientSampleId :

PB160855BL

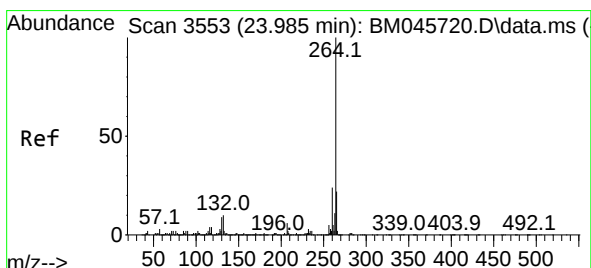
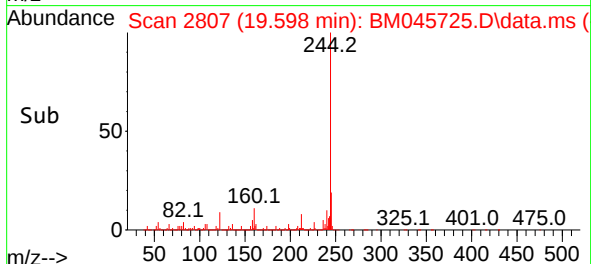
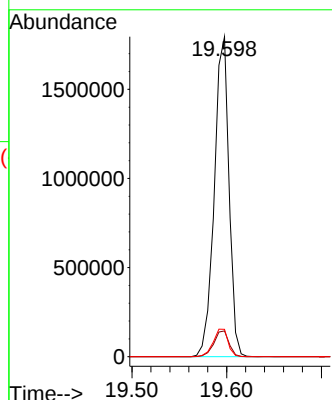
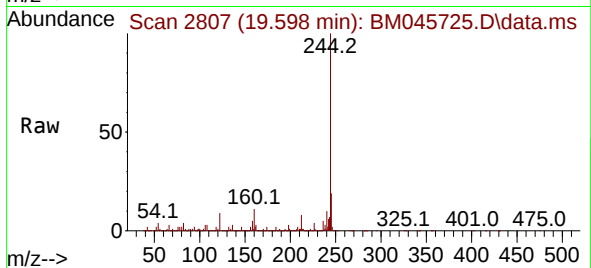
Tgt Ion:244 Resp: 1929221

Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

122 8.5 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3550

Delta R.T. -0.017 min

Lab File: BM045725.D

Acq: 13 May 2024 23:14

Tgt Ion:264 Resp: 308779

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

265 21.9 18.2 27.4

