

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051424\
 Data File : BM045736.D
 Acq On : 14 May 2024 18:06
 Operator : MA/JU
 Sample : PB160855BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160855BL

Quant Time: May 15 02:05:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 01:43:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	71850	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	248491	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	127000	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	255826	20.000	ng	# 0.00
76) Chrysene-d12	21.168	240	200542	20.000	ng	# 0.00
86) Perylene-d12	23.968	264	256262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	690552	154.723	ng	0.00
7) Phenol-d6	6.851	99	764860	142.959	ng	0.00
23) Nitrobenzene-d5	8.745	82	570614	97.434	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	269687	144.897	ng	0.00
45) 2-Fluorobiphenyl	12.833	172	948031	101.300	ng	0.00
79) Terphenyl-d14	19.592	244	1680885	85.224	ng	0.00

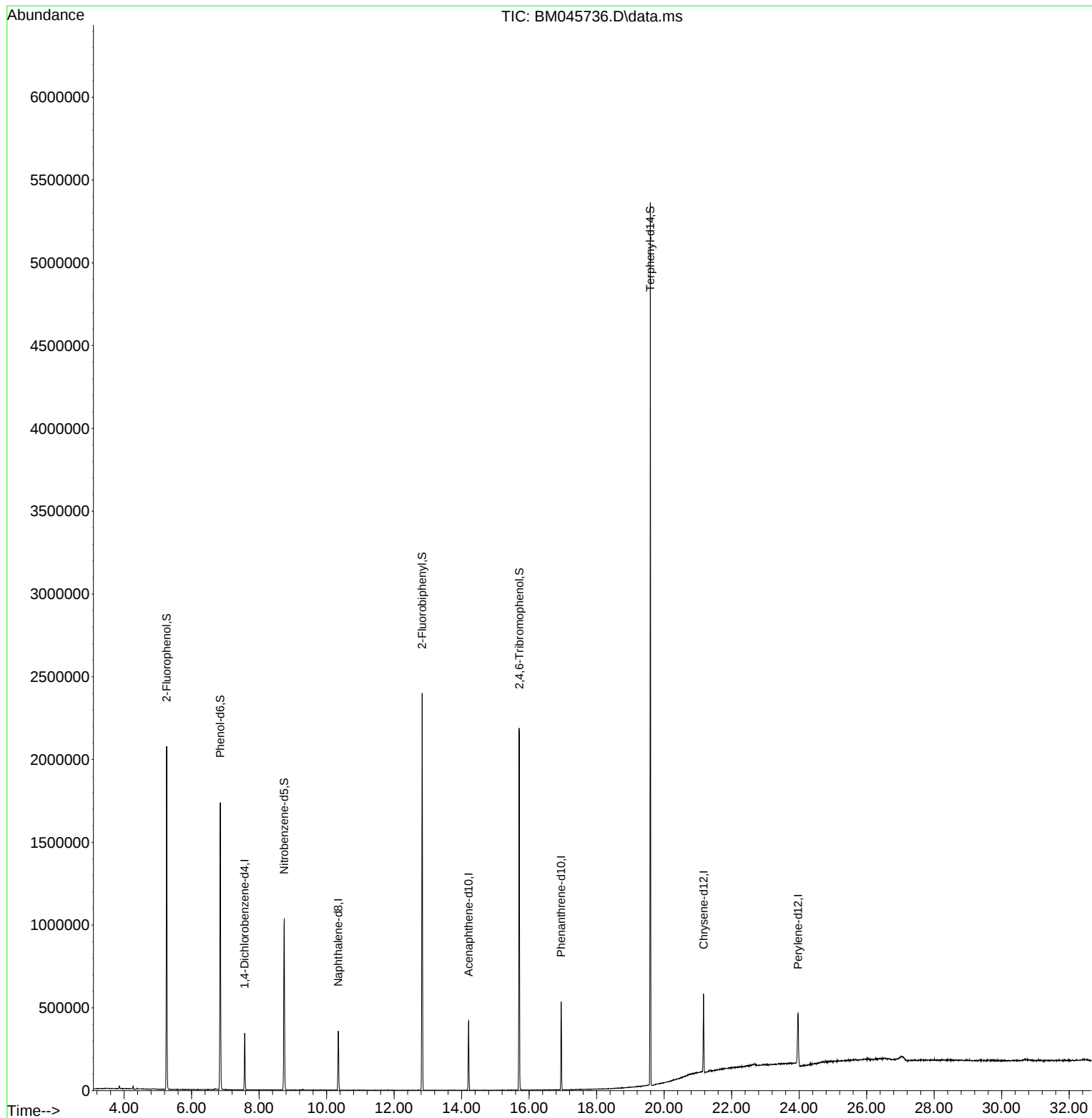
Target Compounds	Qvalue

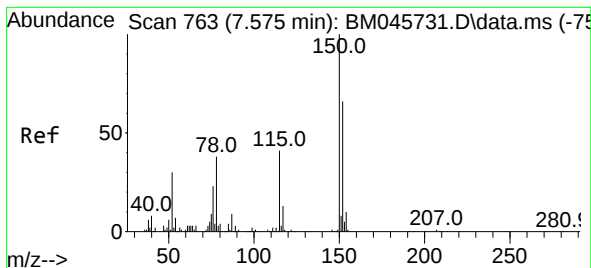
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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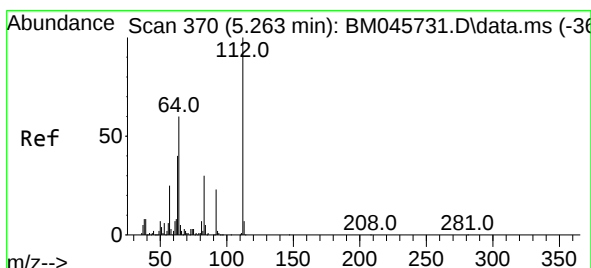
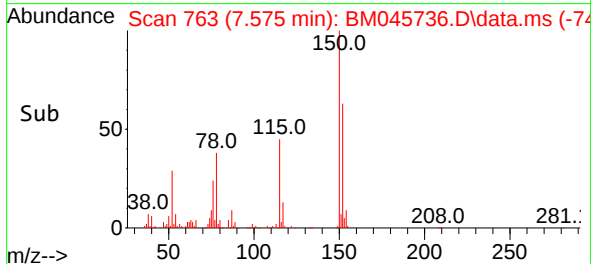
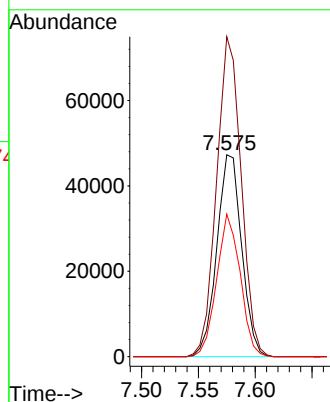
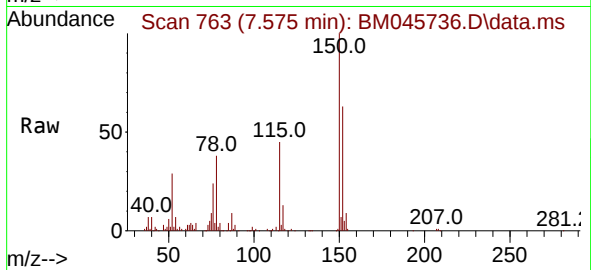


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.575 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BM045736.D
 Acq: 14 May 2024 18:06

Instrument :
 BNA_M
 ClientSampleId :
 PB160855BL

Tgt Ion:152 Resp: 71850

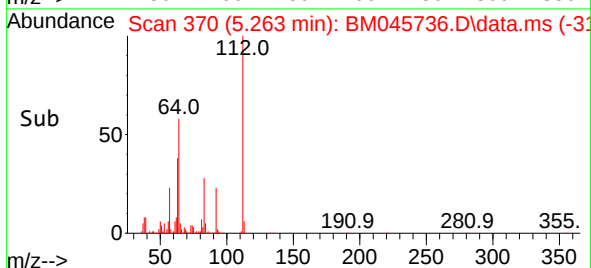
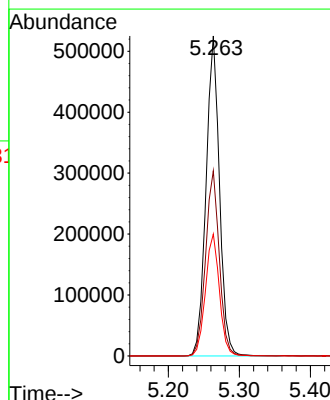
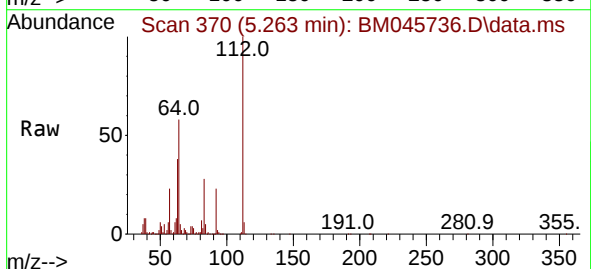
Ion	Ratio	Lower	Upper
152	100		
150	158.5	121.7	182.5
115	70.6	50.5	75.7

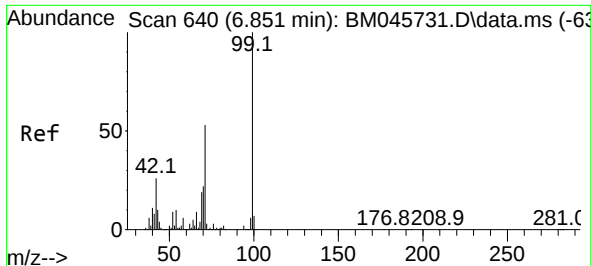


#5
 2-Fluorophenol
 Concen: 154.723 ng
 RT: 5.263 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: BM045736.D
 Acq: 14 May 2024 18:06

Tgt Ion:112 Resp: 690552

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.8	71.8
63	38.1	32.1	48.1

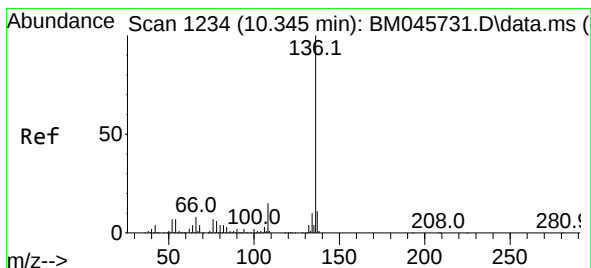
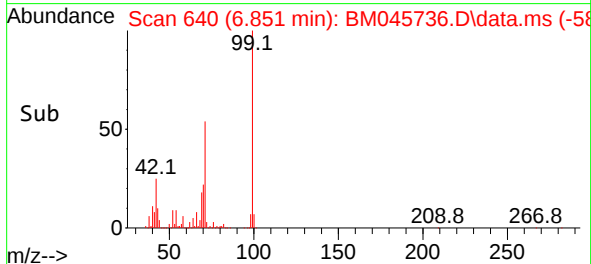
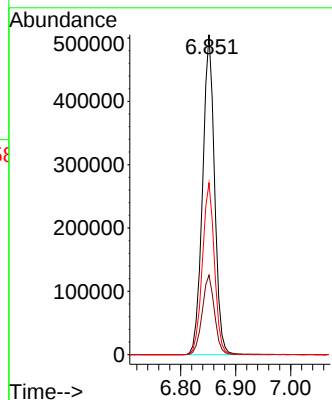
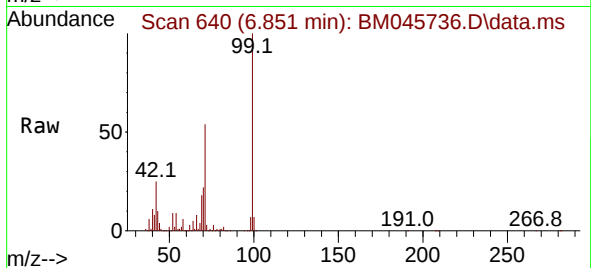




#7
Phenol-d6
Concen: 142.959 ng
RT: 6.851 min Scan# 640
Delta R.T. 0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

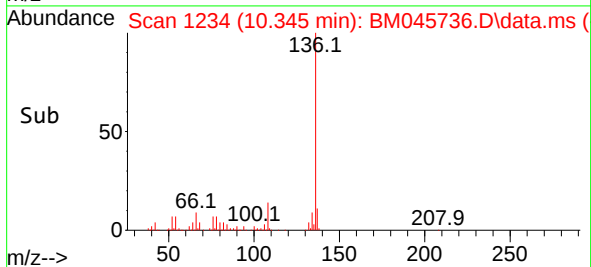
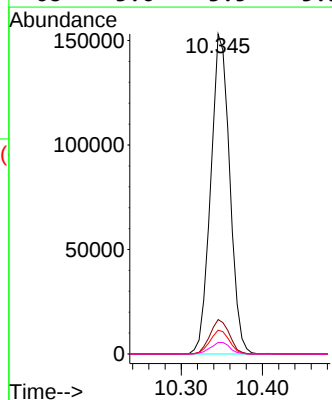
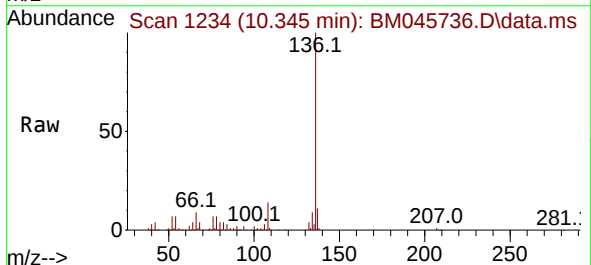
Instrument :
BNA_M
ClientSampleId :
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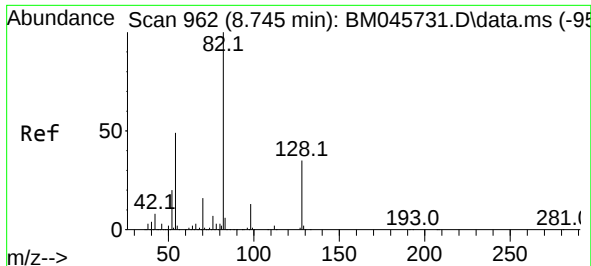
Tgt Ion: 99 Resp: 764860
Ion Ratio Lower Upper
99 100
42 24.8 20.8 31.2
71 53.6 42.2 63.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

Tgt Ion: 136 Resp: 248491
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 5.8 8.8
68 3.6 3.5 5.3

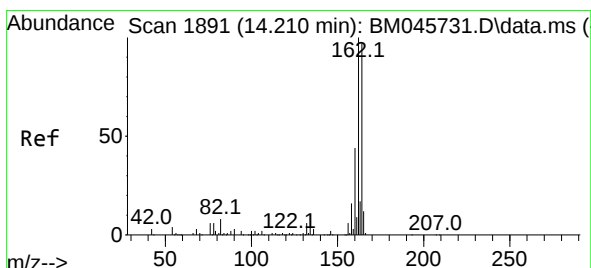
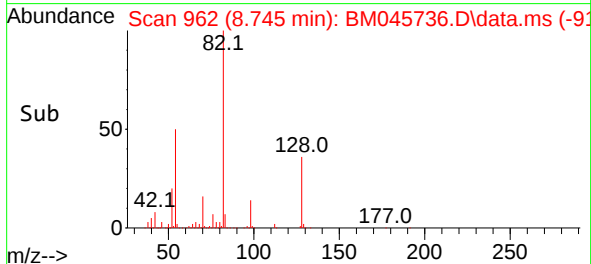
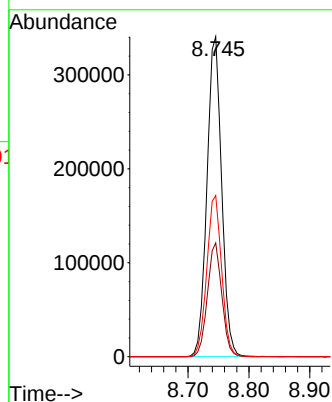
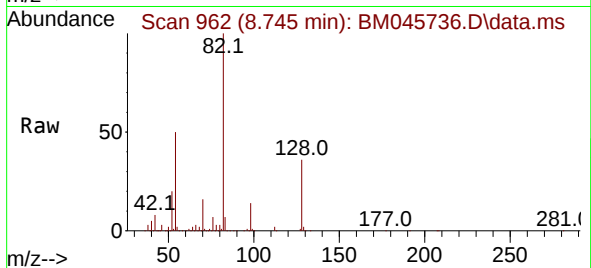




#23
Nitrobenzene-d5
Concen: 97.434 ng
RT: 8.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

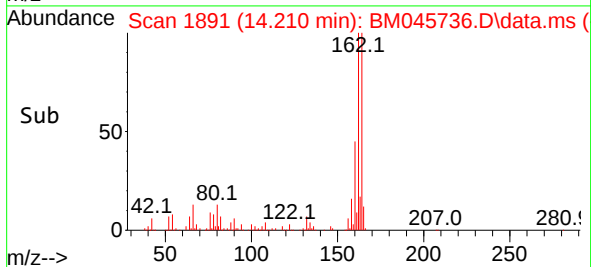
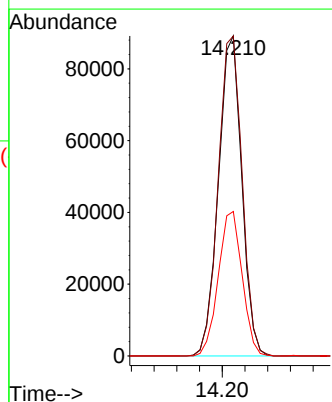
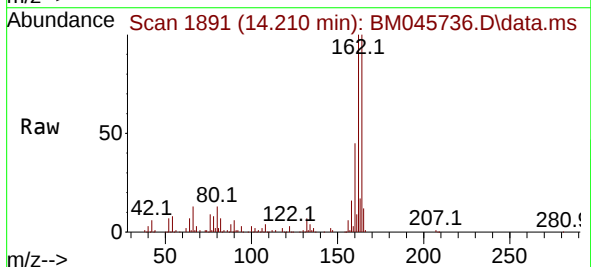
Instrument :
BNA_M
ClientSampleId :
PB160855BL

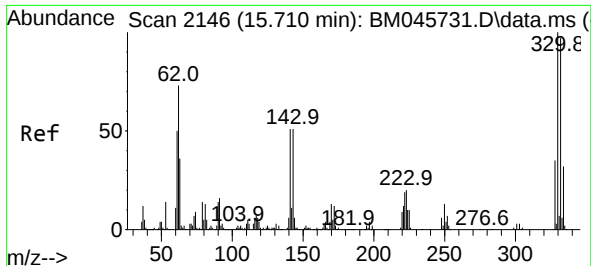
Tgt Ion: 82 Resp: 570614
Ion Ratio Lower Upper
82 100
128 35.5 28.4 42.6
54 50.4 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

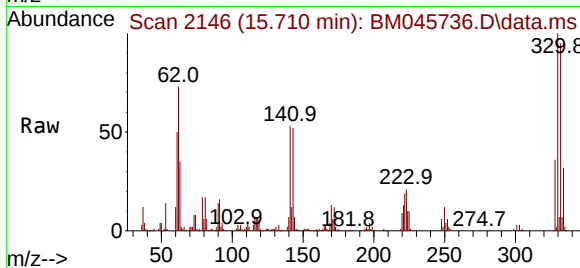
Tgt Ion: 164 Resp: 127000
Ion Ratio Lower Upper
164 100
162 100.0 82.6 124.0
160 45.2 36.6 54.8



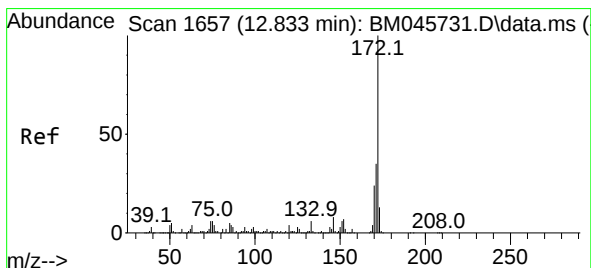
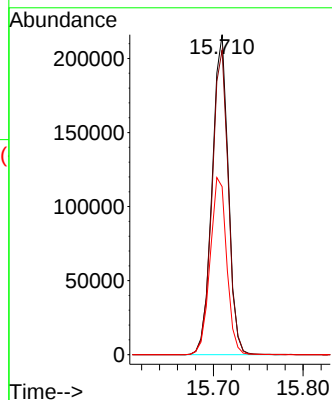
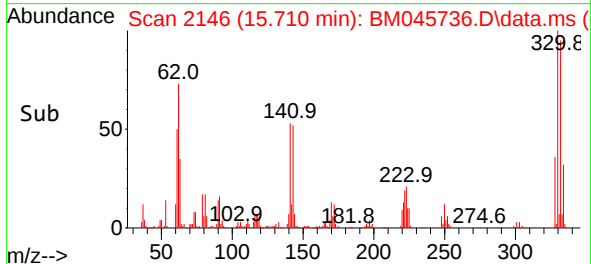


#42
2,4,6-Tribromophenol
Concen: 144.897 ng
RT: 15.710 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

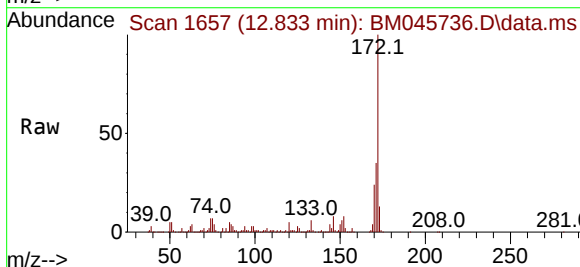
Instrument :
BNA_M
ClientSampleId :
PB160855BL



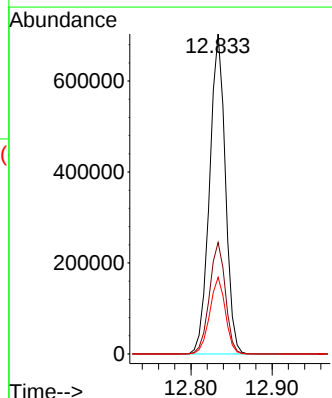
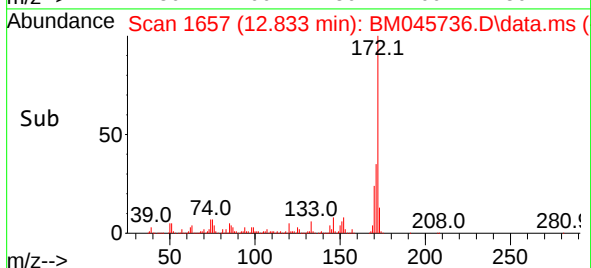
Tgt Ion:330 Resp: 269687
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 57.0 40.1 60.1

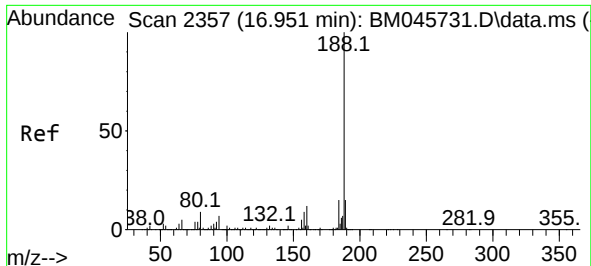


#45
2-Fluorobiphenyl
Concen: 101.300 ng
RT: 12.833 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06



Tgt Ion:172 Resp: 948031
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 24.0 18.9 28.3

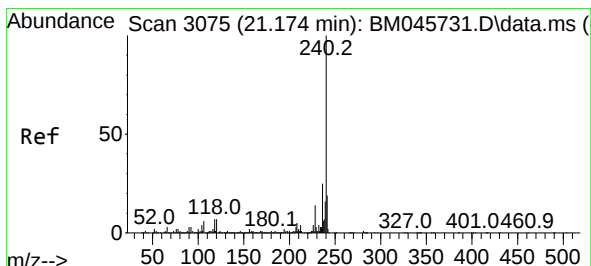
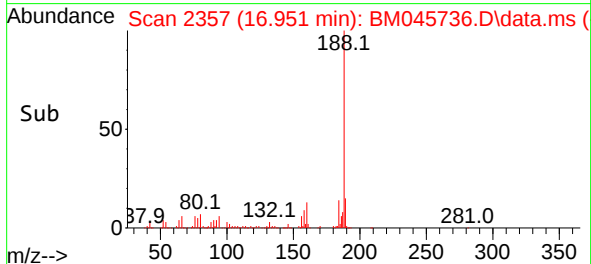
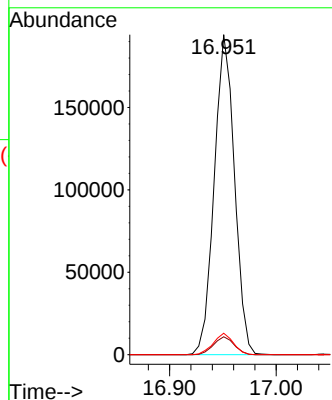
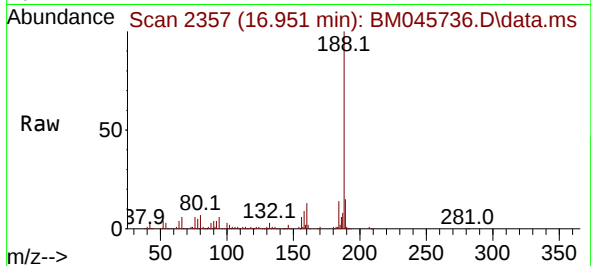




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

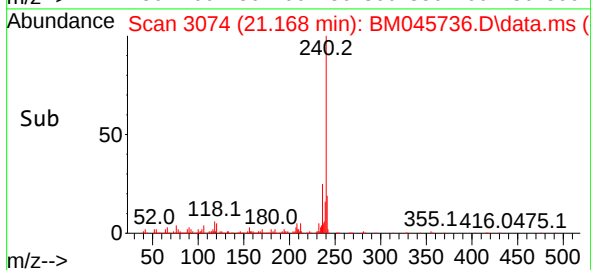
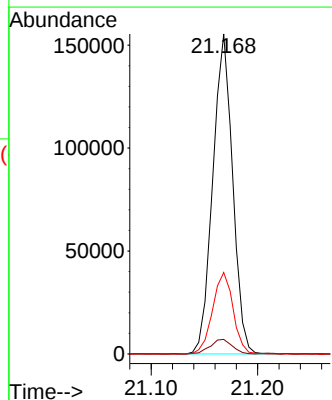
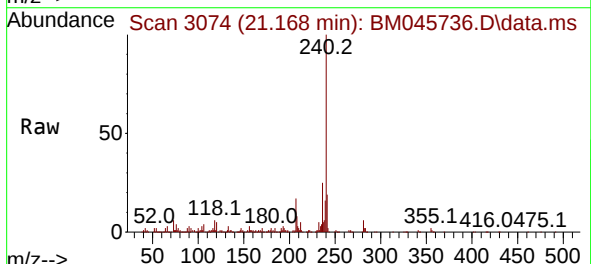
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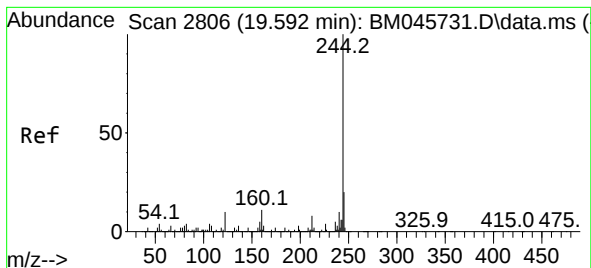
Tgt Ion:188 Resp: 255826
Ion Ratio Lower Upper
188 100
94 5.6 5.9 8.9#
80 6.7 7.4 11.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

Tgt Ion:240 Resp: 200542
Ion Ratio Lower Upper
240 100
120 4.5 6.0 9.0#
236 25.5 19.8 29.6





#79

Terphenyl-d14

Concen: 85.224 ng

RT: 19.592 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

Instrument :

BNA_M

ClientSampleId :

PB160855BL

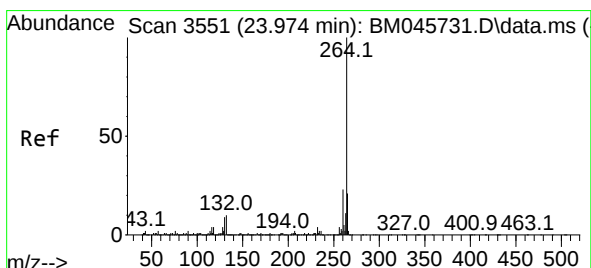
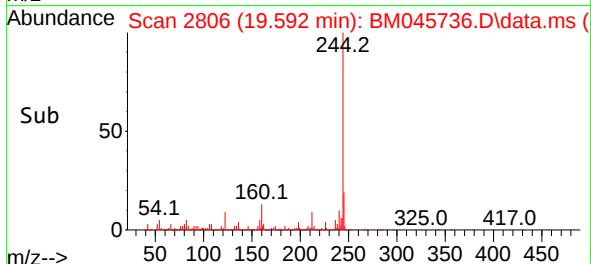
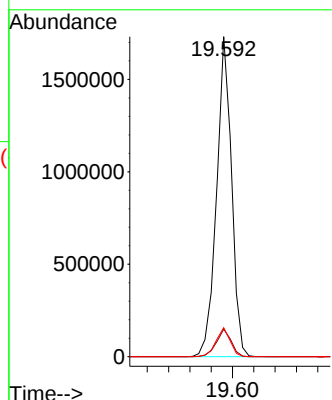
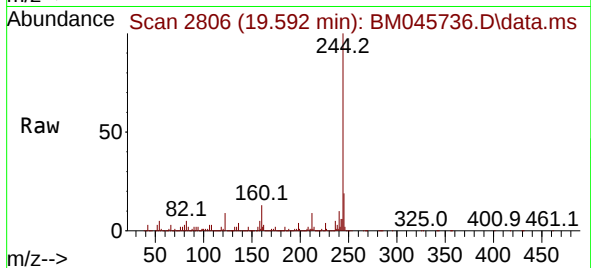
Tgt Ion:244 Resp: 1680885

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 9.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

Tgt Ion:264 Resp: 256262

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.9 17.9 26.9

