

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
 Data File : BM045755.D
 Acq On : 23 May 2024 16:08
 Operator : MA/JU
 Sample : PB160904BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160904BL

Quant Time: May 24 02:55:18 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)

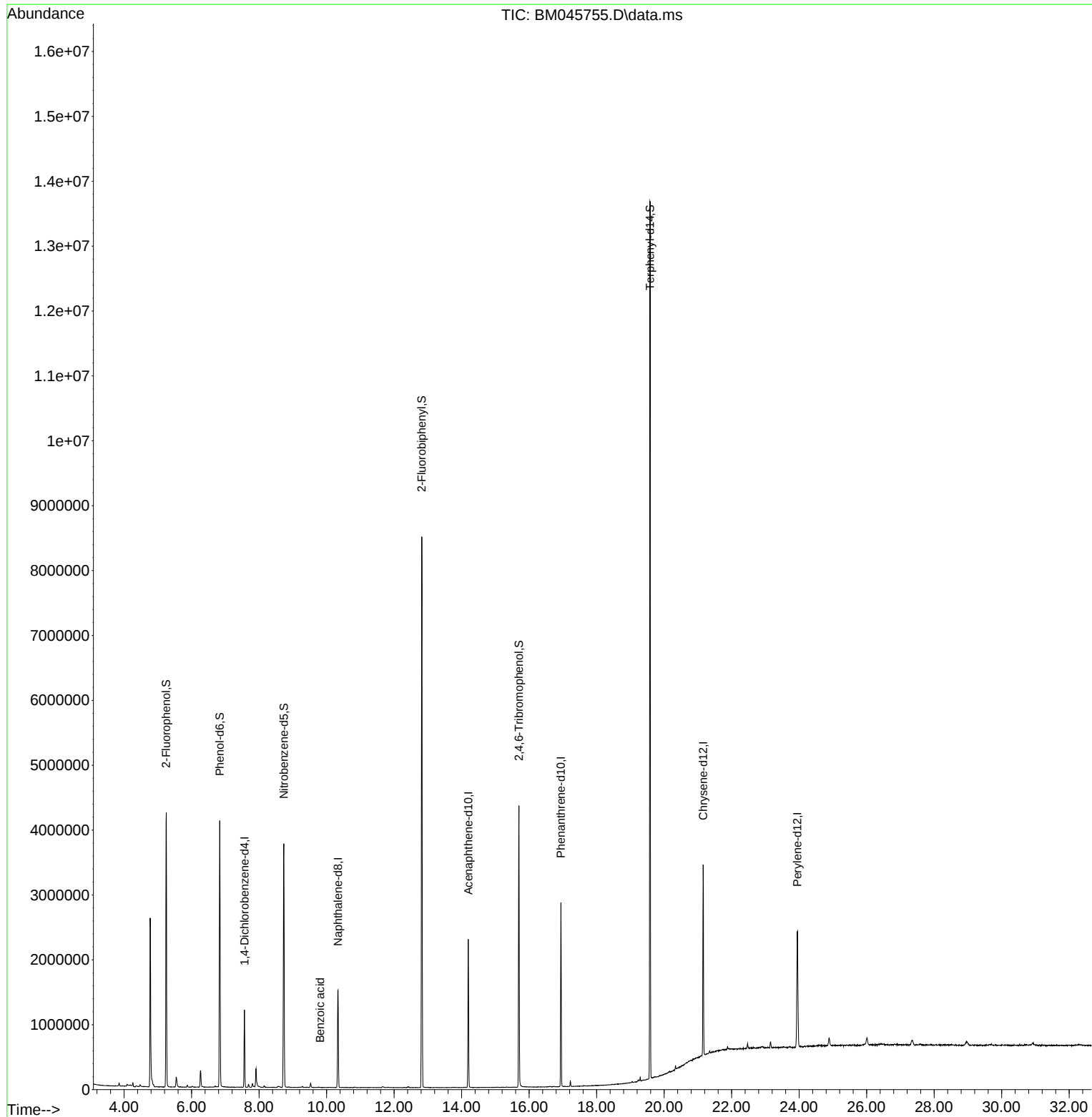
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	292615	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	1188296	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	721374	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1557550	20.000	ng	0.00
76) Chrysene-d12	21.156	240	1391538	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1459654	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	1671582	101.849	ng	0.00
7) Phenol-d6	6.834	99	2213708	100.466	ng	0.00
23) Nitrobenzene-d5	8.734	82	2087359	95.554	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	686181	89.806	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	4275556	95.260	ng	0.00
79) Terphenyl-d14	19.586	244	6365364	84.193	ng	0.00
Target Compounds						
32) Benzoic acid	9.810	122	60	6.231	ng	Qvalue # 1

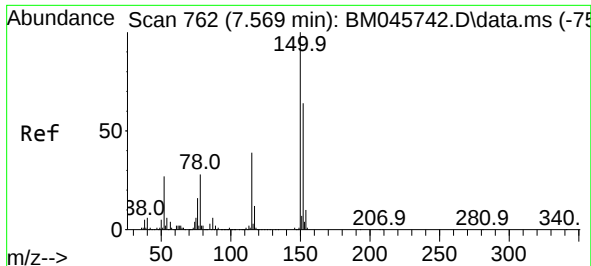
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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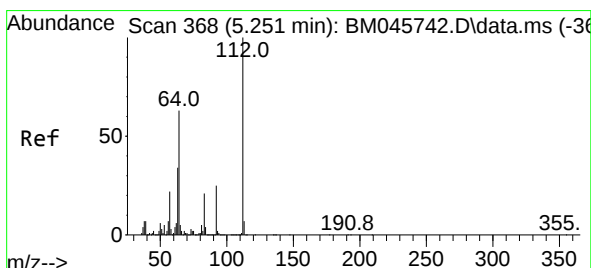
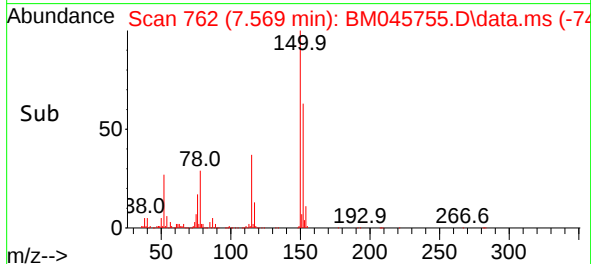
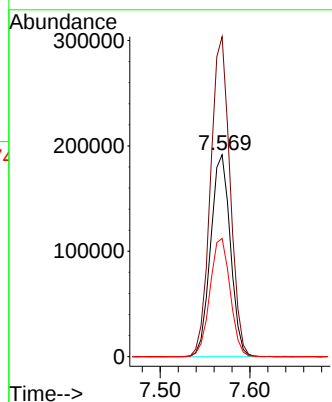
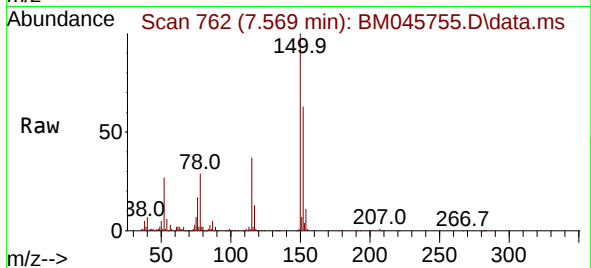




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

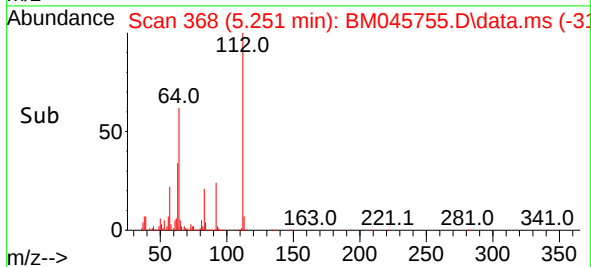
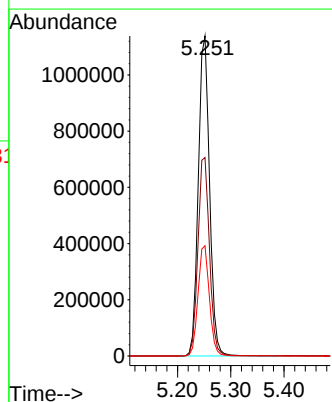
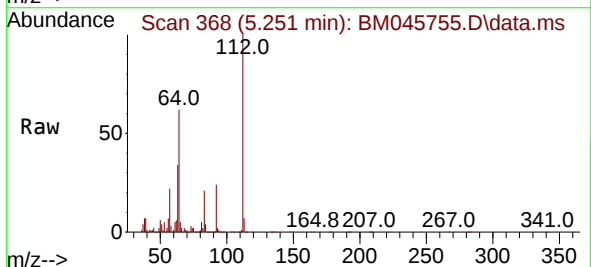
Instrument :
BNA_M
ClientSampleId :
PB160904BL

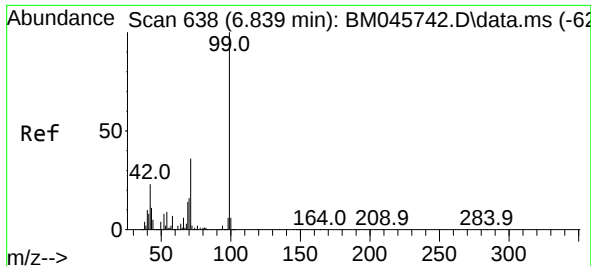
Tgt Ion:152 Resp: 292615
Ion Ratio Lower Upper
152 100
150 158.5 124.2 186.4
115 58.6 48.9 73.3



#5
2-Fluorophenol
Concen: 101.849 ng
RT: 5.251 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

Tgt Ion:112 Resp: 1671582
Ion Ratio Lower Upper
112 100
64 62.0 50.1 75.1
63 34.4 27.3 40.9

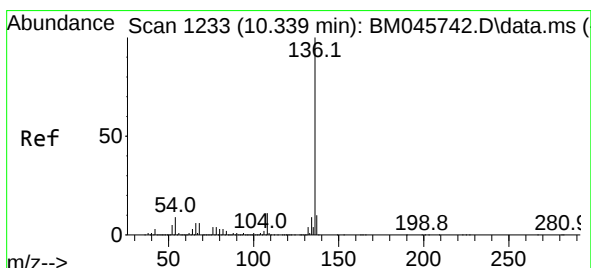
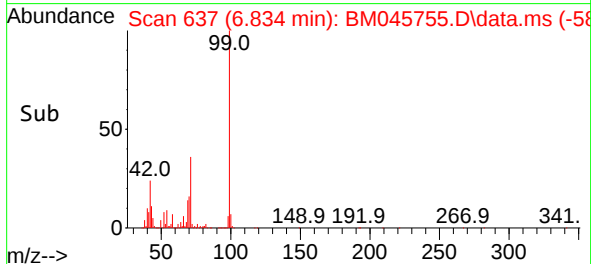
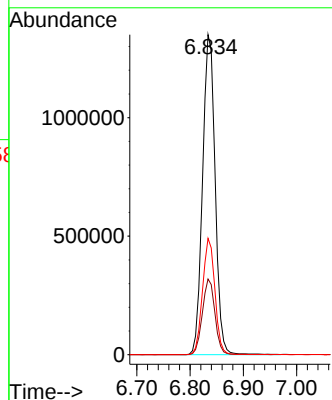
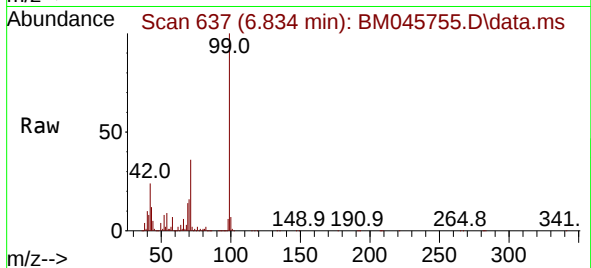




#7
Phenol-d6
Concen: 100.466 ng
RT: 6.834 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

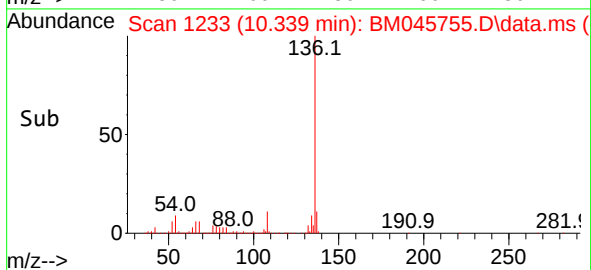
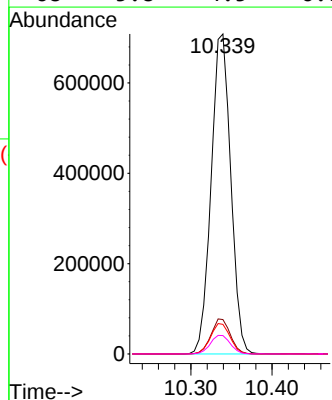
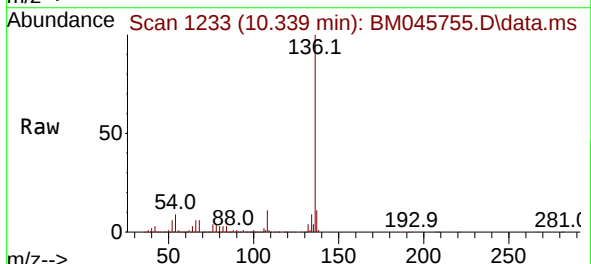
Instrument :
BNA_M
ClientSampleId :
PB160904BL

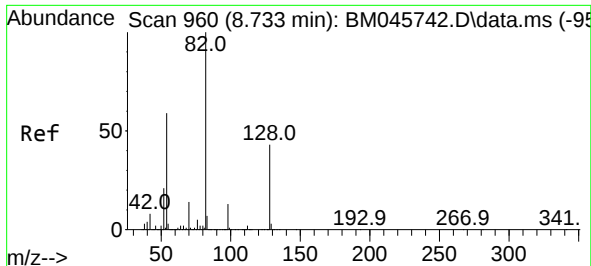
Tgt Ion: 99 Resp: 2213708
Ion Ratio Lower Upper
99 100
42 23.6 18.3 27.5
71 36.4 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

Tgt Ion: 136 Resp: 1188296
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 9.2 7.5 11.3
68 5.8 4.5 6.7

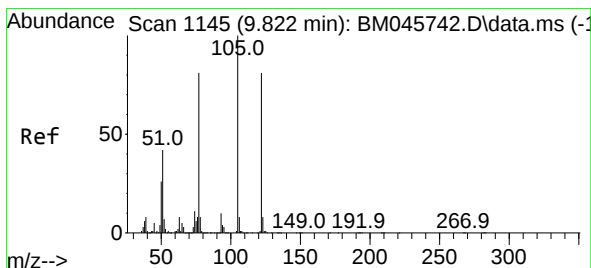
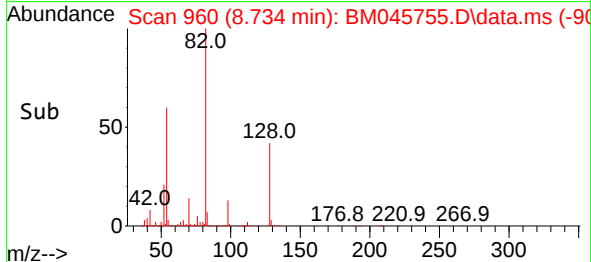
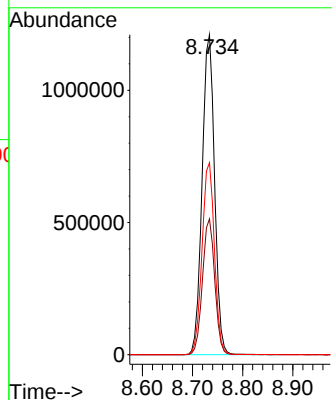
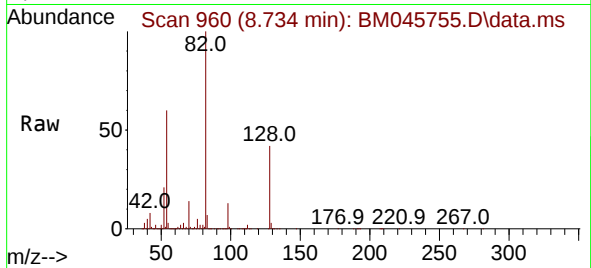




#23
Nitrobenzene-d5
Concen: 95.554 ng
RT: 8.734 min Scan# 90
Delta R.T. 0.001 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

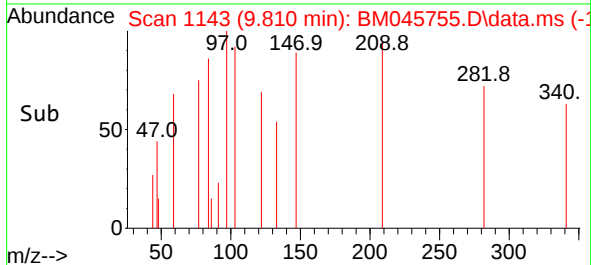
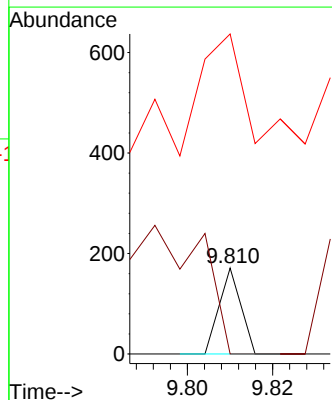
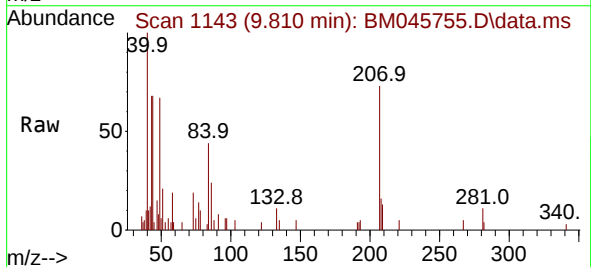
Instrument :
BNA_M
ClientSampleId :
PB160904BL

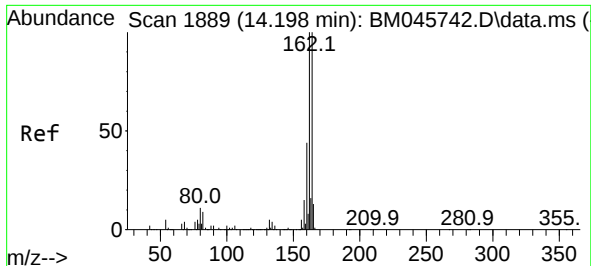
Tgt Ion: 82 Resp: 2087359
Ion Ratio Lower Upper
82 100
128 42.4 34.2 51.4
54 60.0 47.3 70.9



#32
Benzoic acid
Concen: 6.231 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 103.0 143.0#
77 372.5 79.9 119.9#

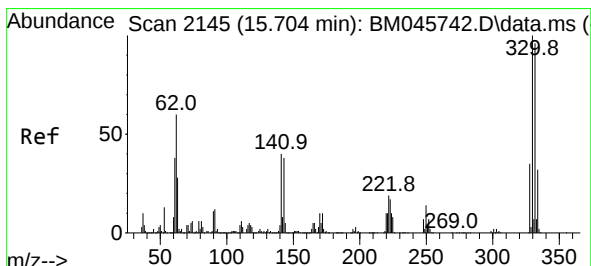
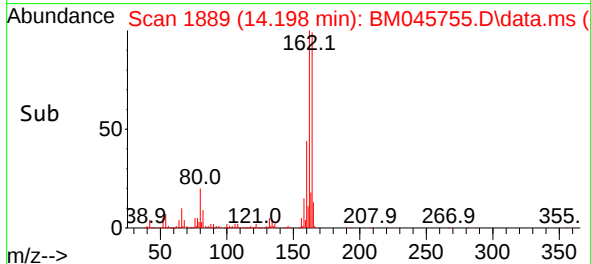
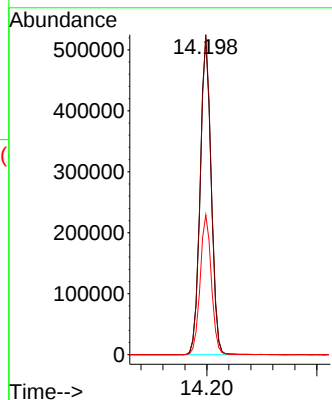
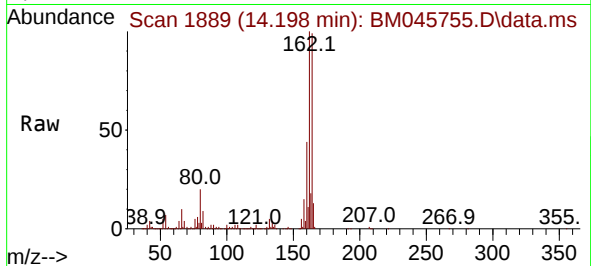




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.198 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

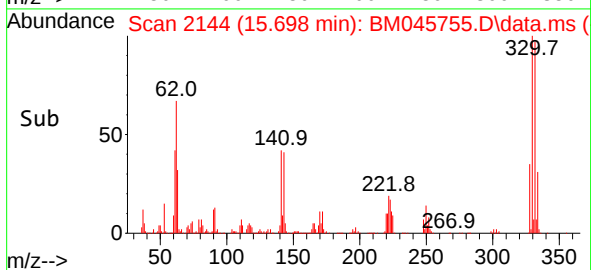
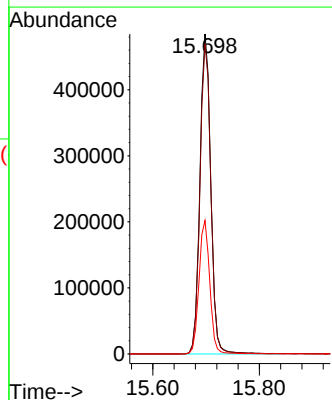
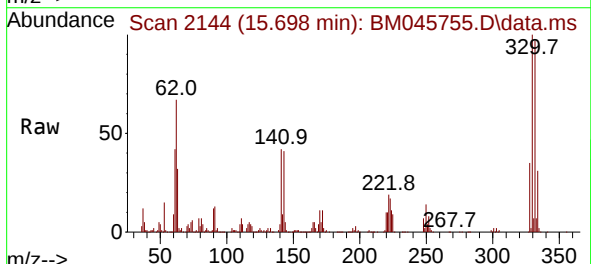
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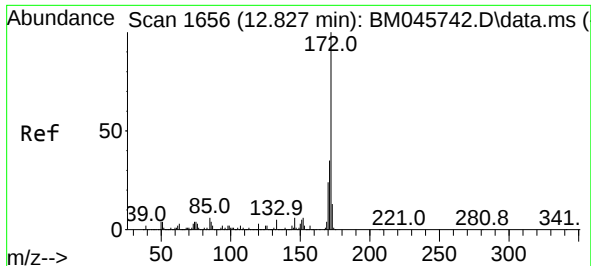
Tgt Ion:164 Resp: 721374
Ion Ratio Lower Upper
164 100
162 101.1 79.9 119.9
160 44.1 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 89.806 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

Tgt Ion:330 Resp: 686181
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 41.5 32.2 48.4

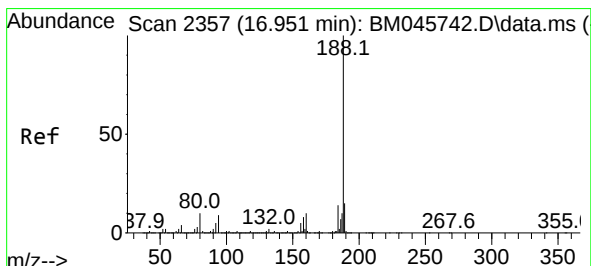
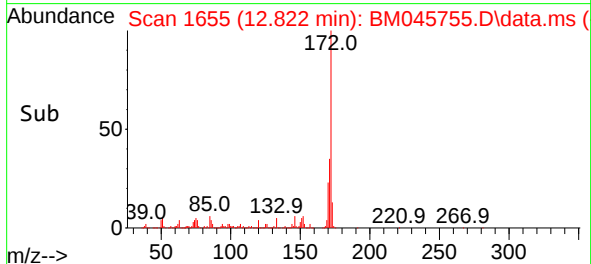
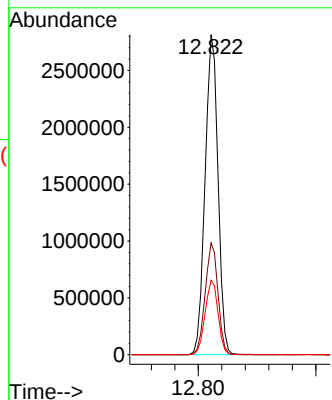
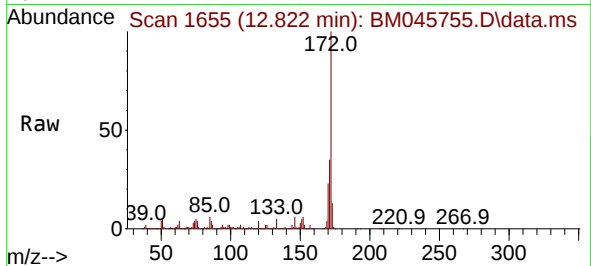




#45
2-Fluorobiphenyl
Concen: 95.260 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

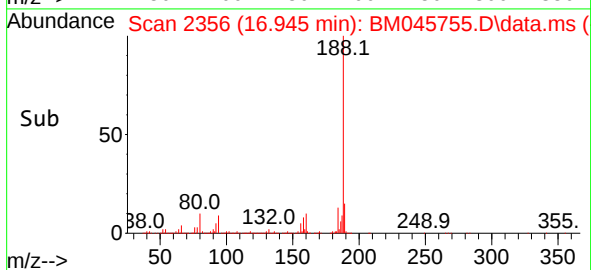
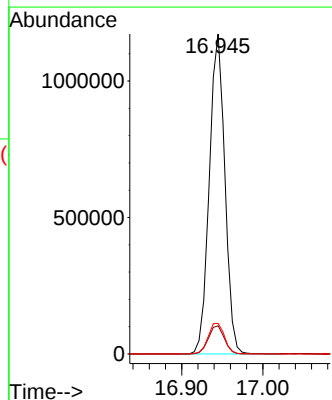
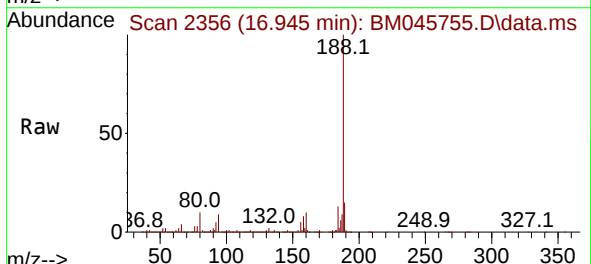
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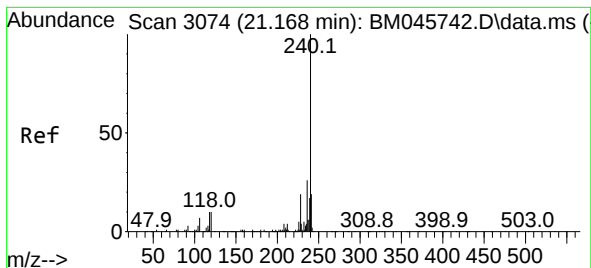
Tgt Ion:172 Resp: 4275556
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

Tgt Ion:188 Resp: 1557550
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.5 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.156 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM045755.D

Acq: 23 May 2024 16:08

Instrument :

BNA_M

ClientSampleId :

PB160904BL

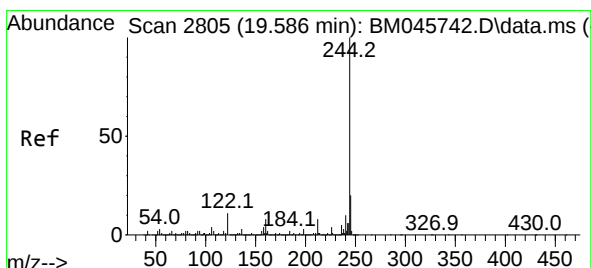
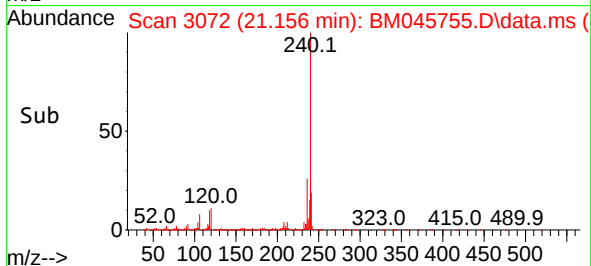
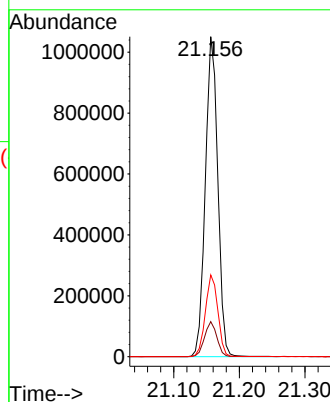
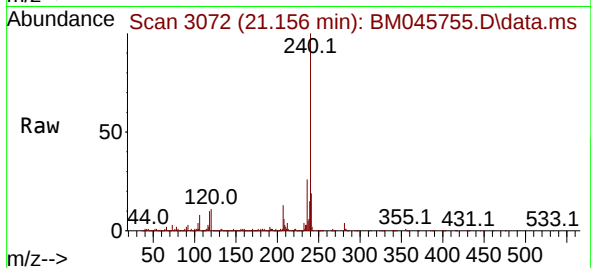
Tgt Ion:240 Resp: 1391538

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

236 25.6 20.7 31.1



#79

Terphenyl-d14

Concen: 84.193 ng

RT: 19.586 min Scan# 2805

Delta R.T. 0.000 min

Lab File: BM045755.D

Acq: 23 May 2024 16:08

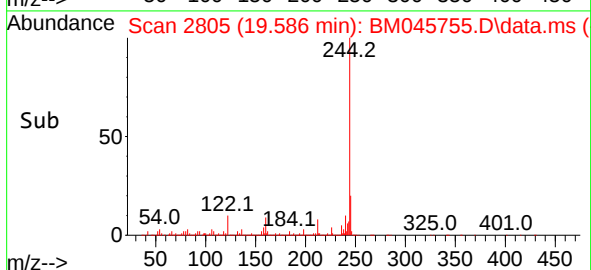
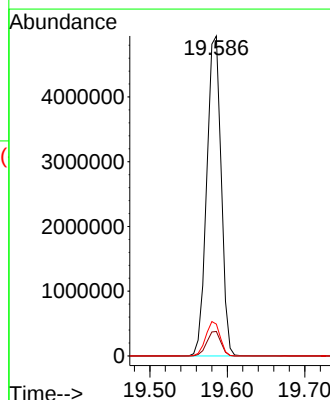
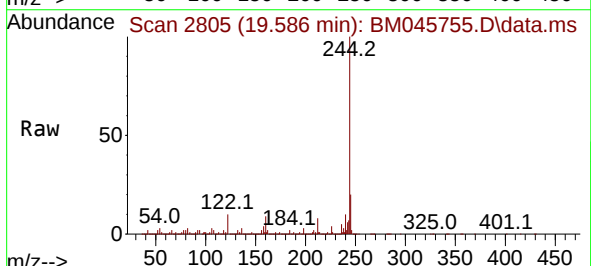
Tgt Ion:244 Resp: 6365364

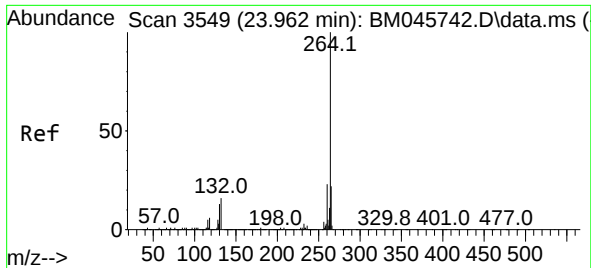
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 10.0 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.950 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM045755.D
Acq: 23 May 2024 16:08

Instrument :
BNA_M
ClientSampleId :
PB160904BL

Tgt Ion:264 Resp: 1459654

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.6	17.8	26.8

