

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044735.D
 Acq On : 22 Mar 2024 15:24
 Operator : MA/JU
 Sample : PB159652BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159652BL

Quant Time: Mar 22 15:56:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	205622	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	756517	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	379409	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	709514	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	580424	20.000	ng	-0.02
86) Perylene-d12	23.527	264	657131	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1221578	85.298	ng	0.00
7) Phenol-d6	6.869	99	1494427	81.111	ng	-0.01
23) Nitrobenzene-d5	8.851	82	1371456	87.335	ng	-0.01
42) 2,4,6-Tribromophenol	15.827	330	338805	80.962	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	2513228	91.228	ng	-0.02
79) Terphenyl-d14	19.733	244	3137271	94.555	ng	-0.01

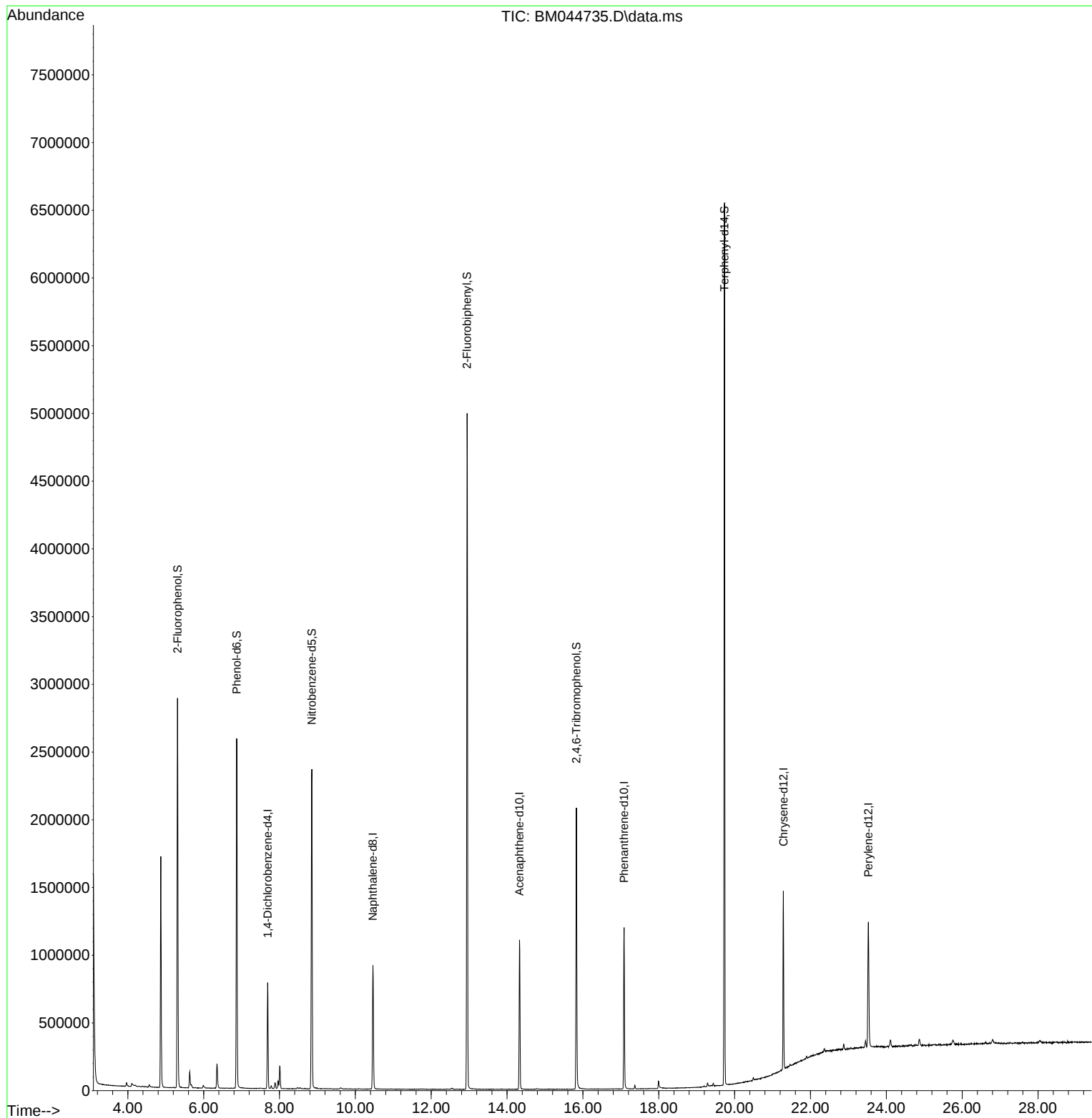
Target Compounds	Qvalue

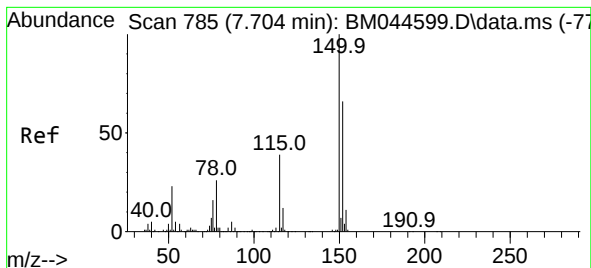
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.017 min

Lab File: BM044735.D

Acq: 22 Mar 2024 15:24

Instrument :

BNA_M

ClientSampleId :

PB159652BL

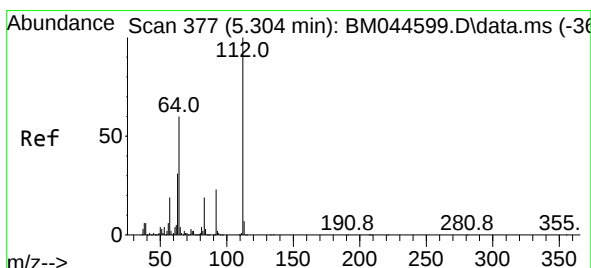
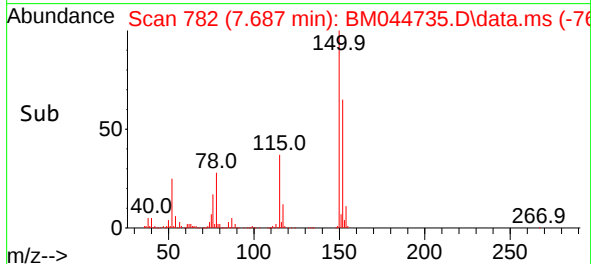
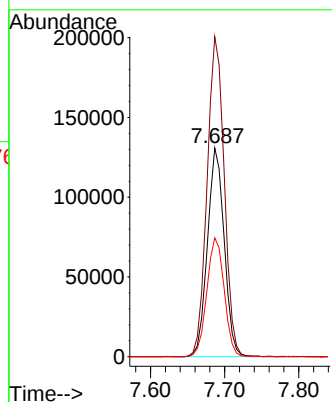
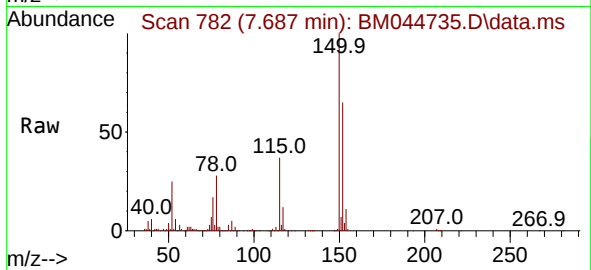
Tgt Ion:152 Resp: 205622

Ion Ratio Lower Upper

152 100

150 153.2 121.9 182.9

115 56.9 47.1 70.7



#5

2-Fluorophenol

Concen: 85.298 ng

RT: 5.310 min Scan# 378

Delta R.T. 0.006 min

Lab File: BM044735.D

Acq: 22 Mar 2024 15:24

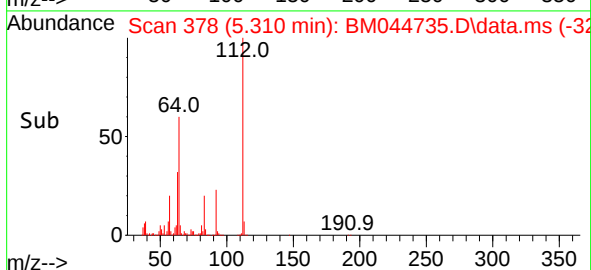
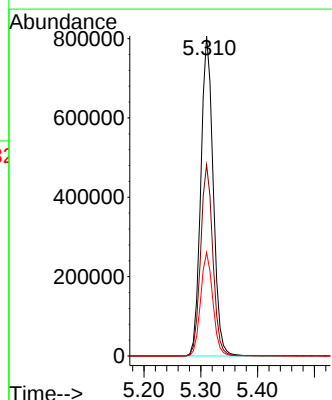
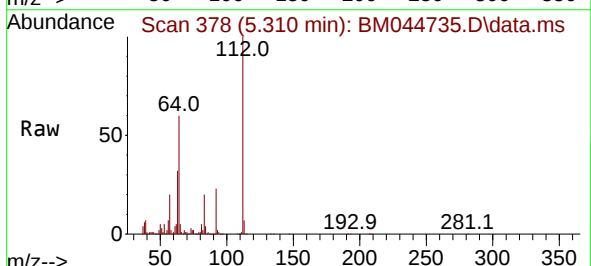
Tgt Ion:112 Resp: 1221578

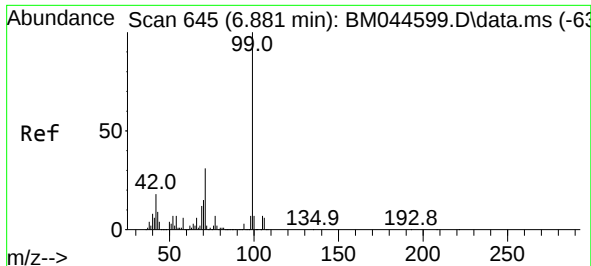
Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

63 32.3 25.0 37.4

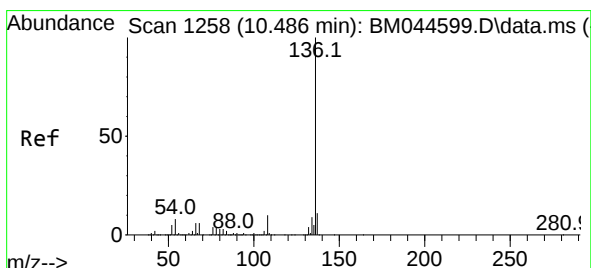
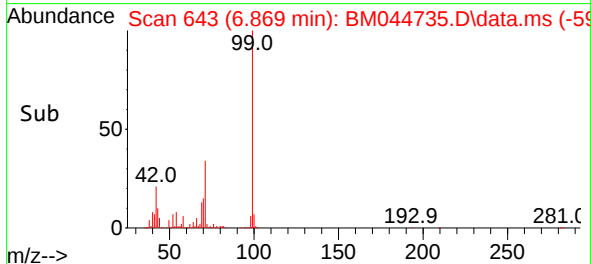
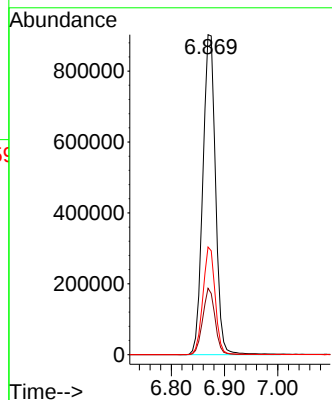
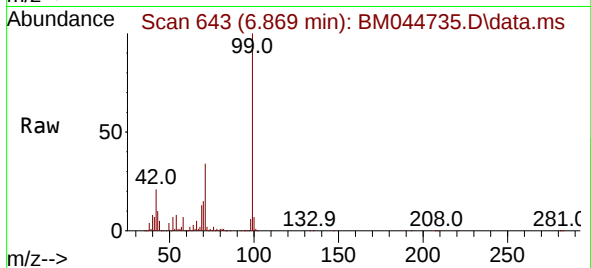




#7
Phenol-d6
Concen: 81.111 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044735.D
Acq: 22 Mar 2024 15:24

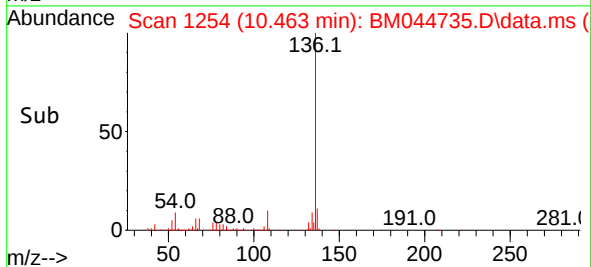
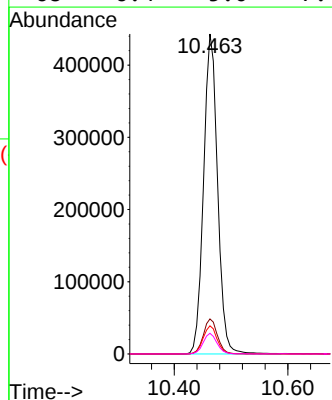
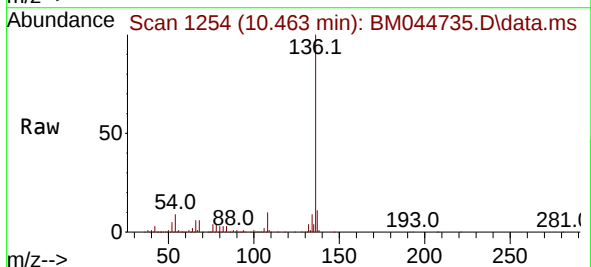
Instrument :
BNA_M
ClientSampleId :
PB159652BL

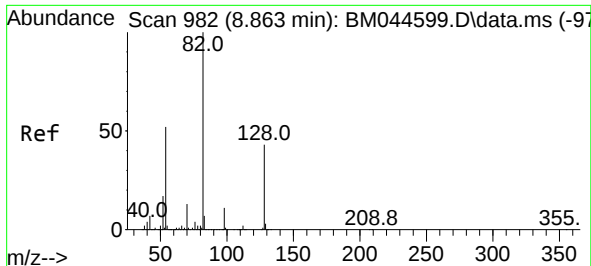
Tgt Ion: 99 Resp: 1494427
Ion Ratio Lower Upper
99 100
42 20.7 14.3 21.5
71 33.7 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044735.D
Acq: 22 Mar 2024 15:24

Tgt Ion: 136 Resp: 756517
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.8 6.6 10.0
68 6.4 5.0 7.4

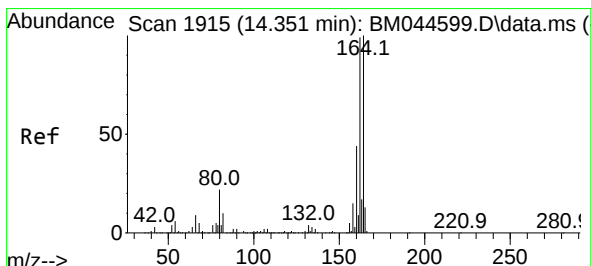
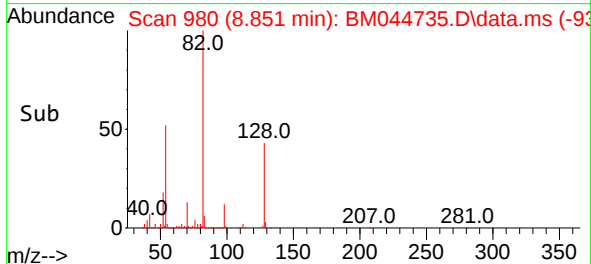
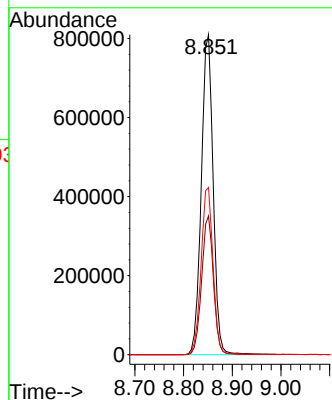
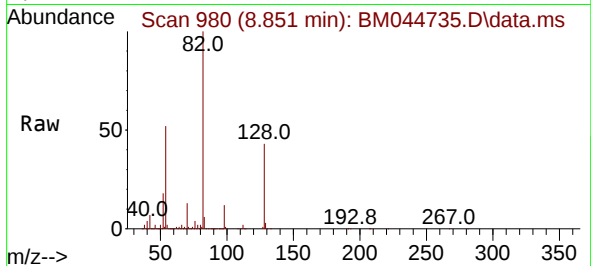




#23
Nitrobenzene-d5
Concen: 87.335 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044735.D
Acq: 22 Mar 2024 15:24

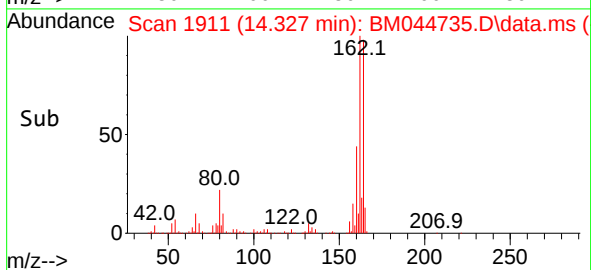
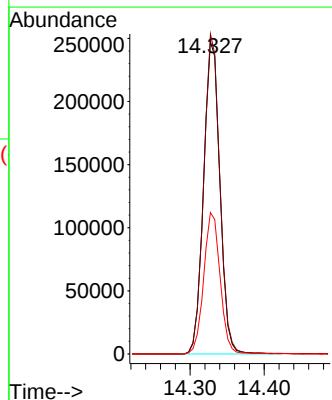
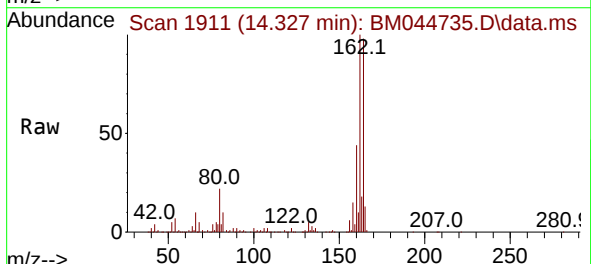
Instrument :
BNA_M
ClientSampleId :
PB159652BL

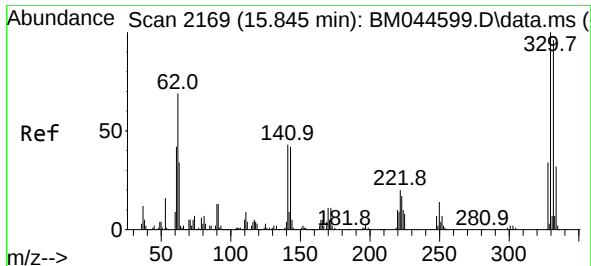
Tgt Ion: 82 Resp: 1371456
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 52.2 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044735.D
Acq: 22 Mar 2024 15:24

Tgt Ion:164 Resp: 379409
Ion Ratio Lower Upper
164 100
162 102.4 79.3 118.9
160 45.3 35.2 52.8

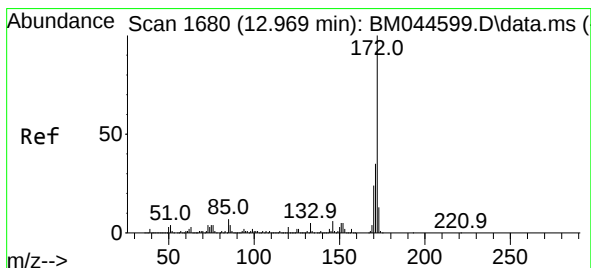
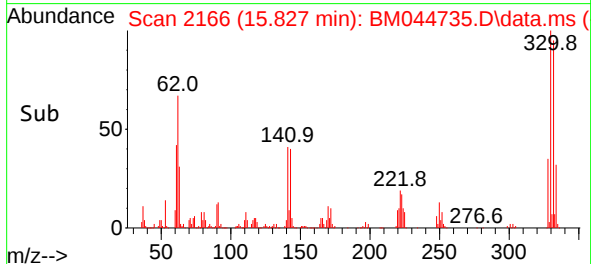
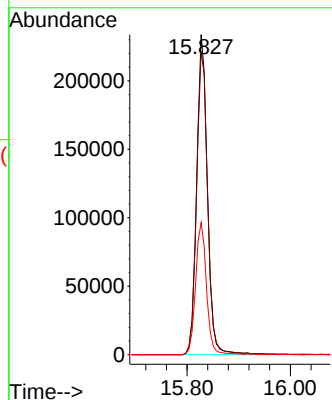
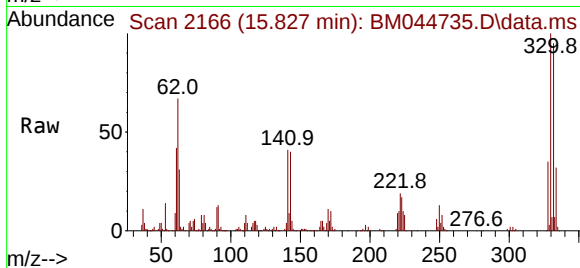




#42
2,4,6-Tribromophenol
Concen: 80.962 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BM044735.D
Acq: 22 Mar 2024 15:24

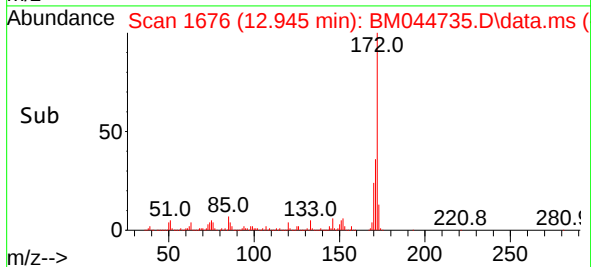
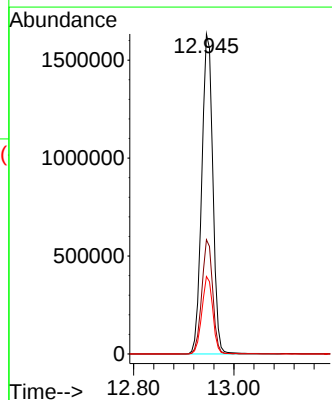
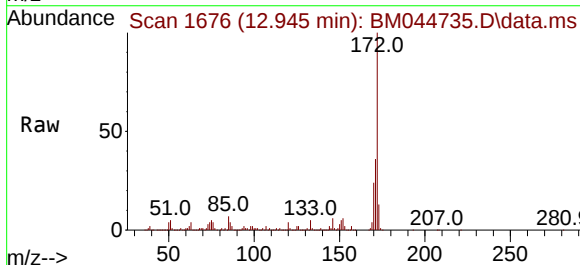
Instrument :
BNA_M
ClientSampleId :
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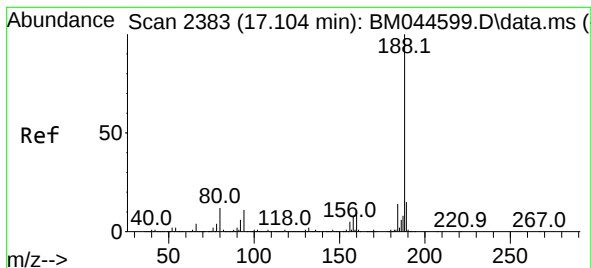
Tgt Ion:330 Resp: 338805
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 41.6 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 91.228 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044735.D
Acq: 22 Mar 2024 15:24

Tgt Ion:172 Resp: 2513228
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044735.D

Acq: 22 Mar 2024 15:24

Instrument :

BNA_M

ClientSampleId :

PB159652BL

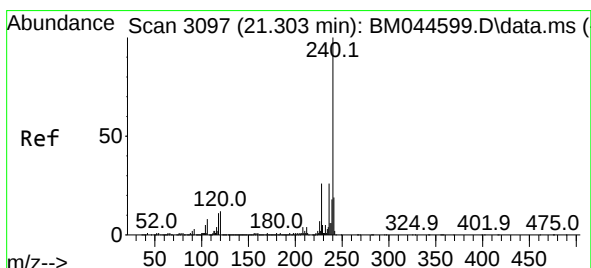
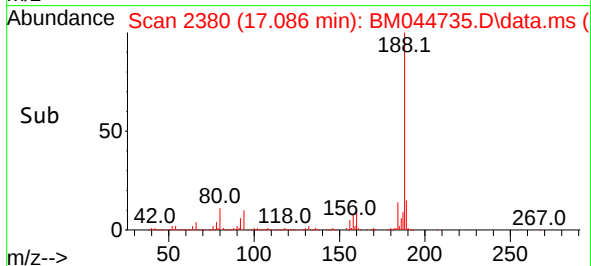
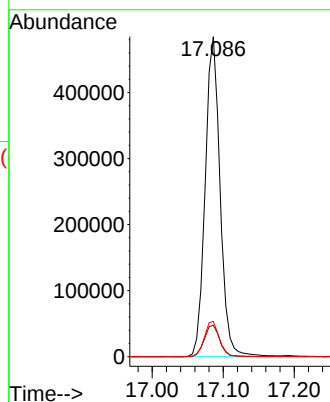
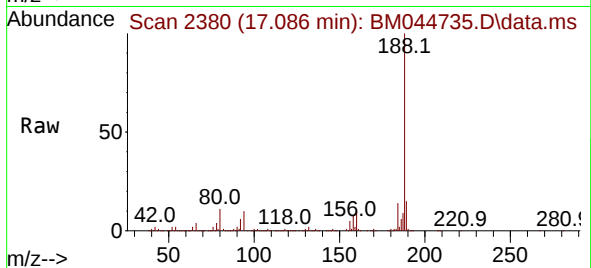
Tgt Ion:188 Resp: 709514

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

80 11.0 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.018 min

Lab File: BM044735.D

Acq: 22 Mar 2024 15:24

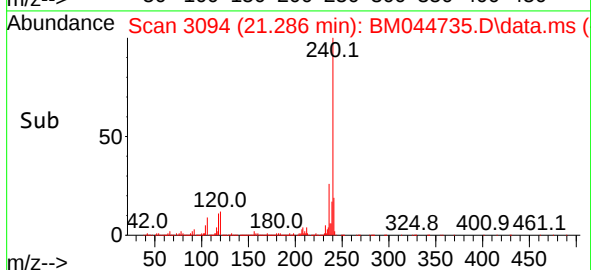
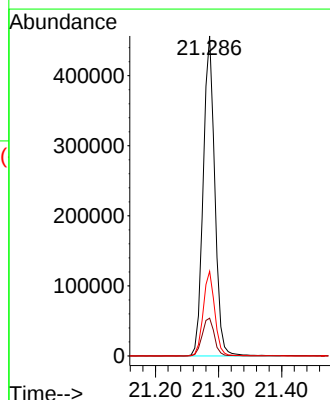
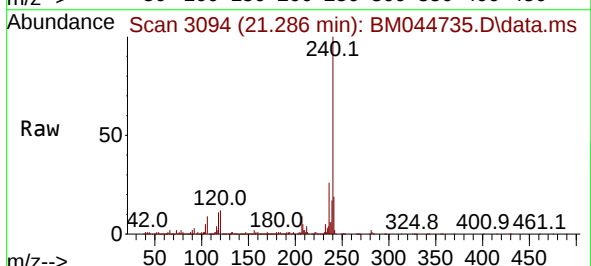
Tgt Ion:240 Resp: 580424

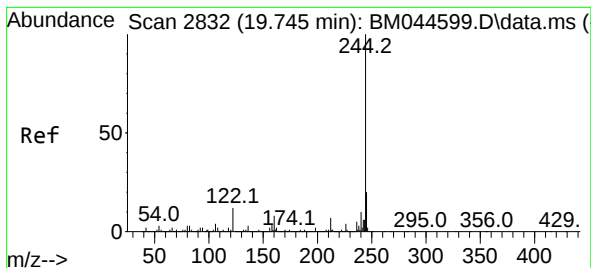
Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

236 26.5 21.0 31.4





#79

Terphenyl-d14

Concen: 94.555 ng

RT: 19.733 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM044735.D

Acq: 22 Mar 2024 15:24

Instrument :

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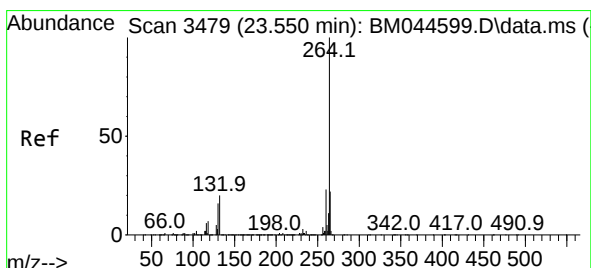
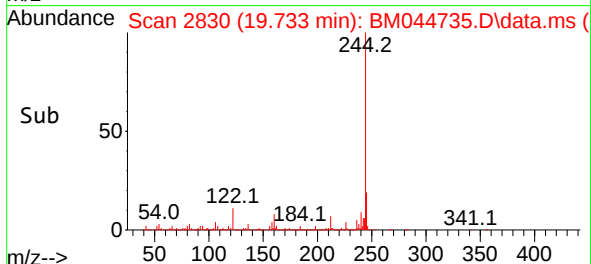
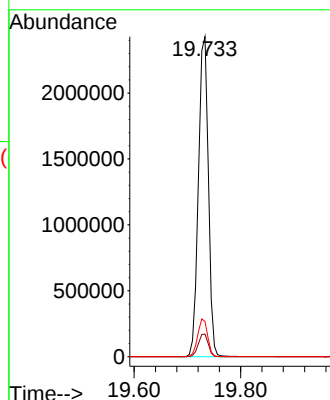
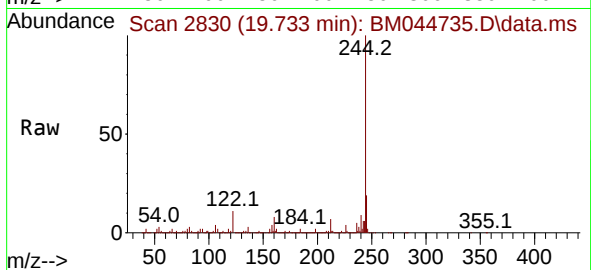
Tgt Ion:244 Resp: 3137271

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.0 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.527 min Scan# 3475

Delta R.T. -0.023 min

Lab File: BM044735.D

Acq: 22 Mar 2024 15:24

Tgt Ion:264 Resp: 657131

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 22.8 17.5 26.3

