

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044732.D
 Acq On : 22 Mar 2024 13:24
 Operator : MA/JU
 Sample : PB159733BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159733BL

Quant Time: Mar 22 14:41:34 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	234352	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	856202	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	421248	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	792597	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	660966	20.000	ng	-0.02
86) Perylene-d12	23.521	264	772540	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	2030270	124.386	ng	0.00
7) Phenol-d6	6.875	99	2420698	115.278	ng	0.00
23) Nitrobenzene-d5	8.851	82	1484966	83.554	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	615713	132.519	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2710944	88.631	ng	-0.02
79) Terphenyl-d14	19.727	244	3421253	90.549	ng	-0.02

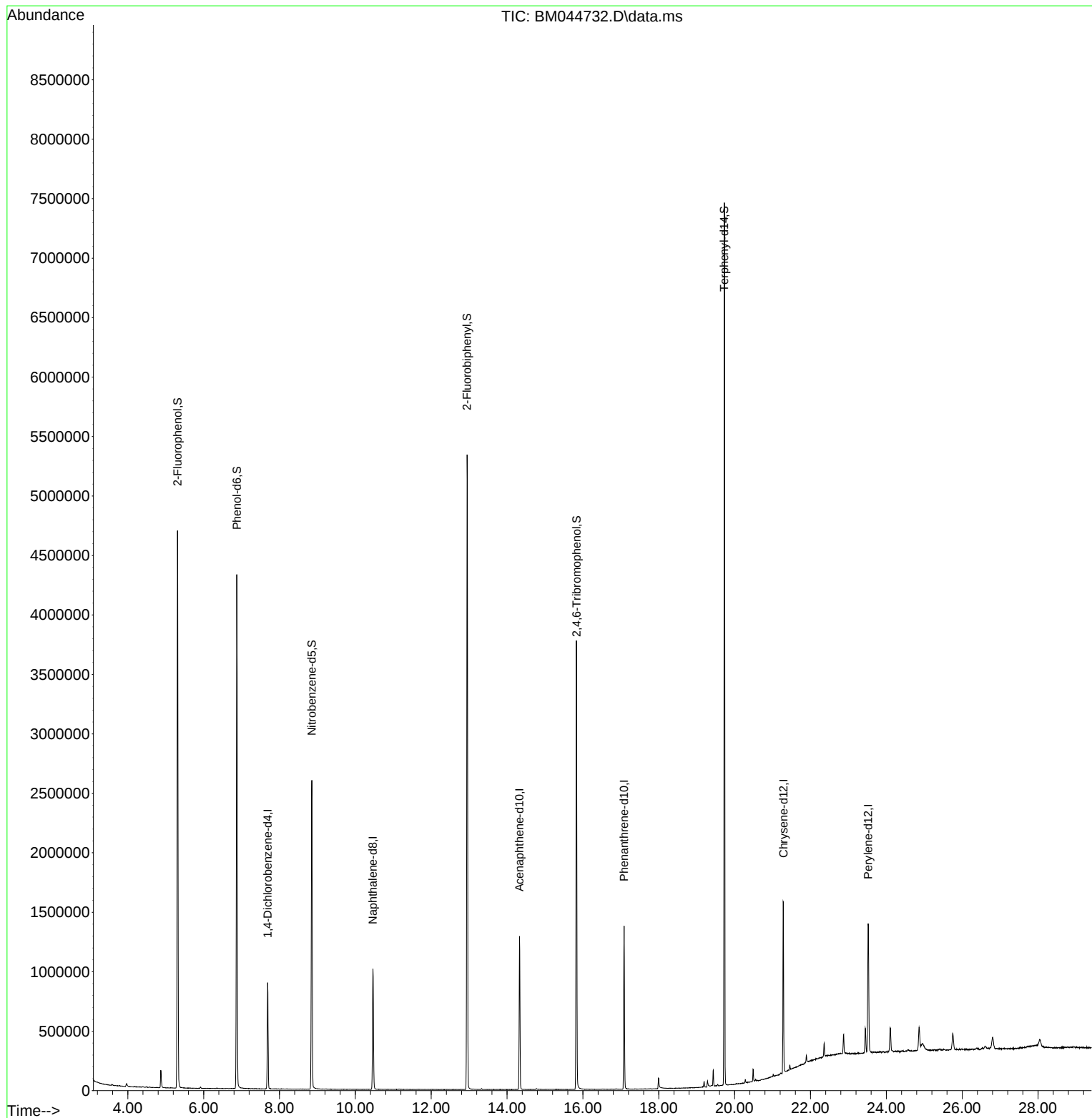
Target Compounds	Qvalue

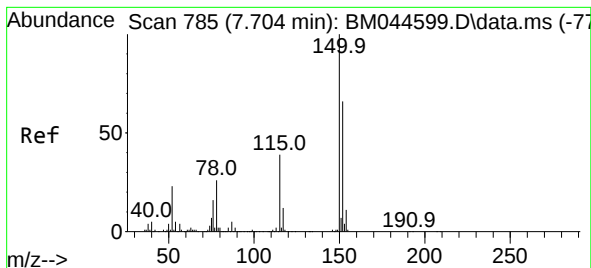
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM044732.D

Acq: 22 Mar 2024 13:24

Instrument :

BNA_M

ClientSampleId :

PB159733BL

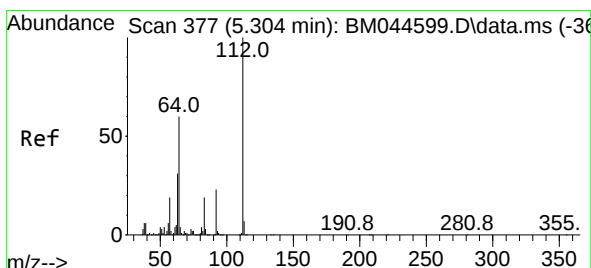
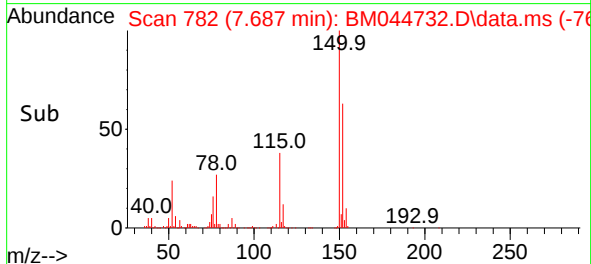
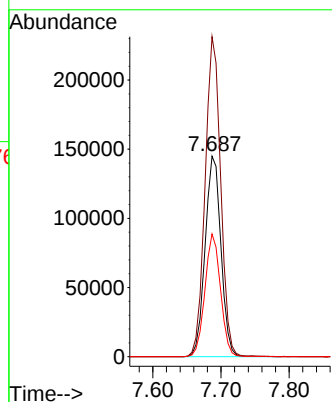
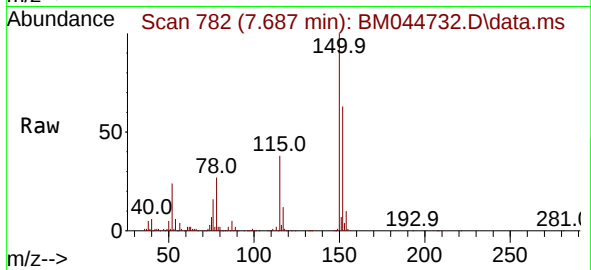
Tgt Ion:152 Resp: 234352

Ion Ratio Lower Upper

152 100

150 159.6 121.9 182.9

115 61.2 47.1 70.7



#5

2-Fluorophenol

Concen: 124.386 ng

RT: 5.310 min Scan# 378

Delta R.T. 0.006 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

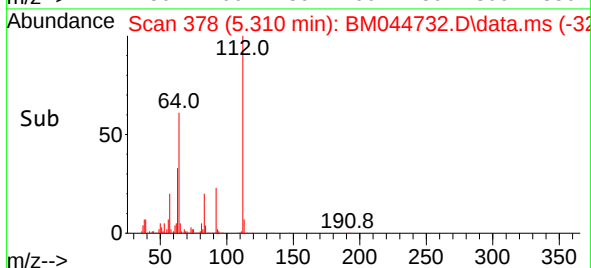
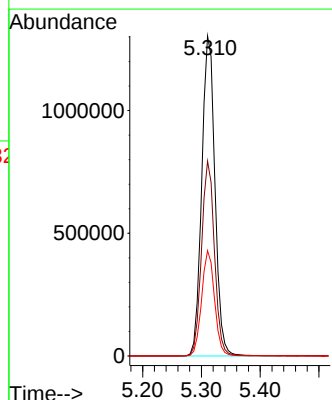
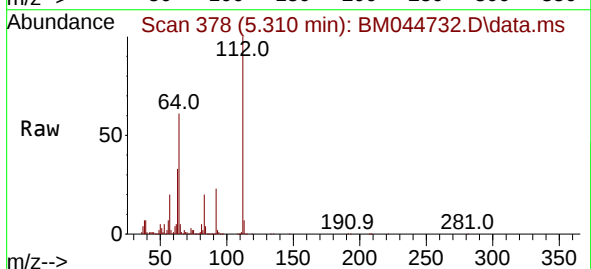
Tgt Ion:112 Resp: 2030270

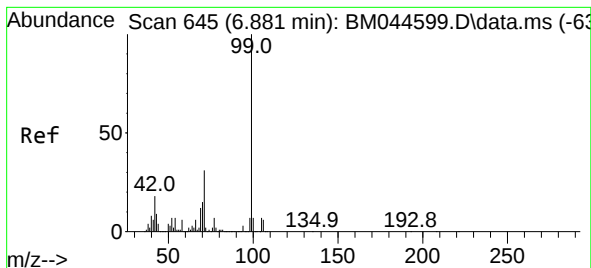
Ion Ratio Lower Upper

112 100

64 60.9 47.9 71.9

63 32.9 25.0 37.4





#7

Phenol-d6

Concen: 115.278 ng

RT: 6.875 min Scan# 64

Delta R.T. -0.006 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

Instrument :

BNA_M

ClientSampleId :

PB159733BL

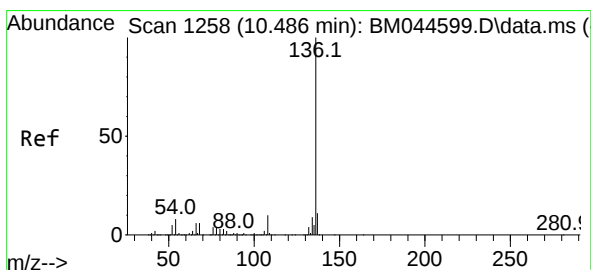
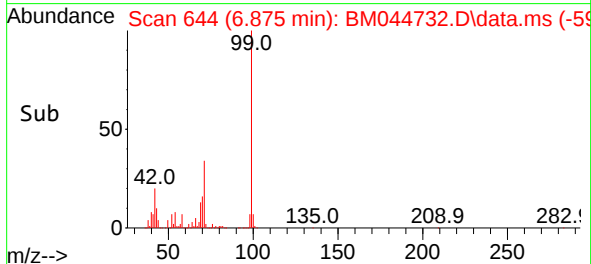
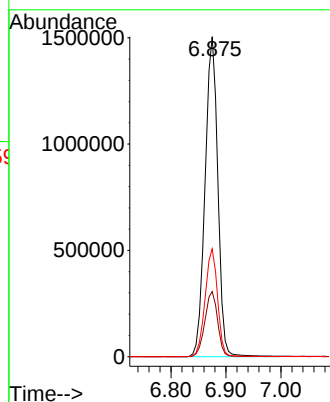
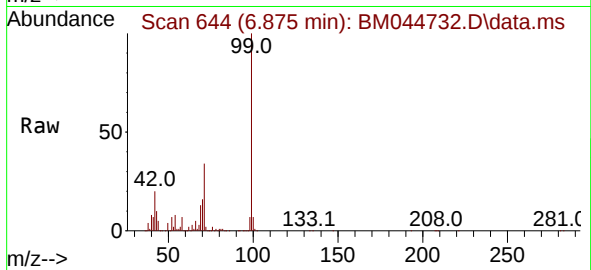
Tgt Ion: 99 Resp: 2420698

Ion Ratio Lower Upper

99 100

42 20.4 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: BM044732.D

Acq: 22 Mar 2024 13:24

Tgt Ion: 136 Resp: 856202

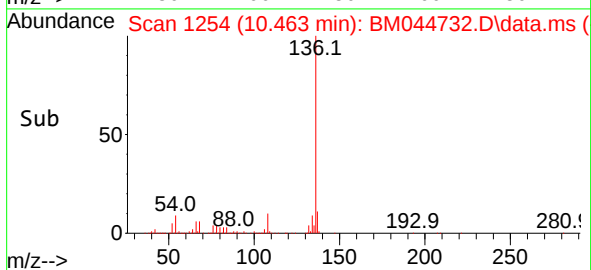
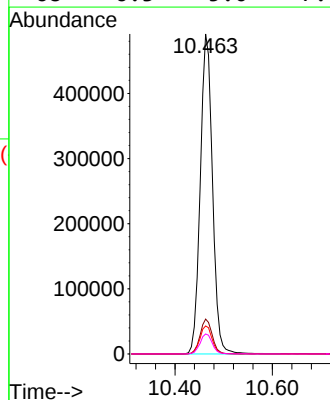
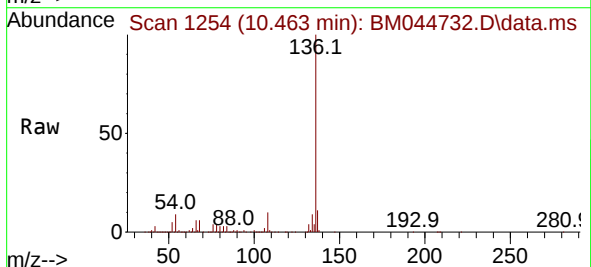
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.7 6.6 10.0

68 6.3 5.0 7.4

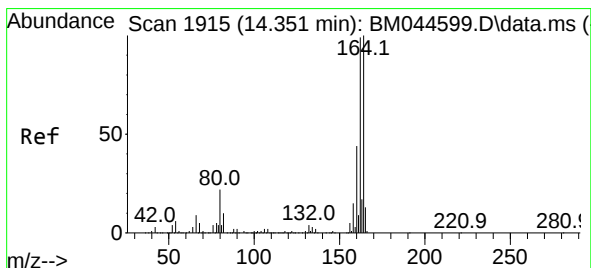
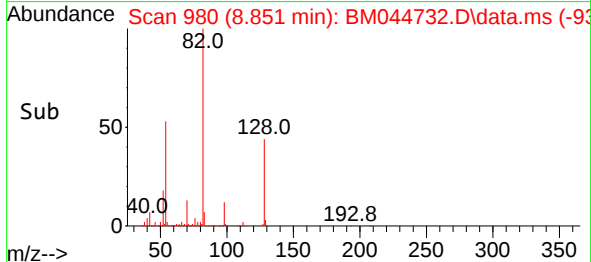
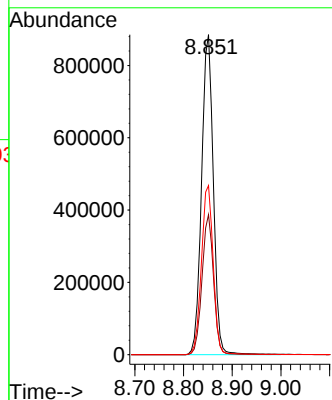
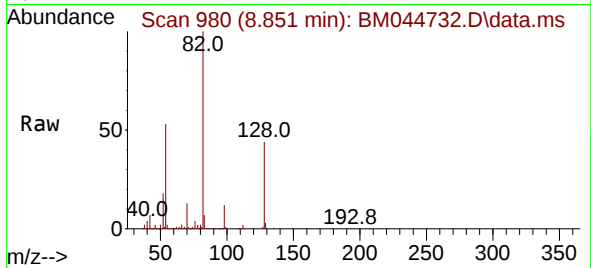




#23
Nitrobenzene-d5
Concen: 83.554 ng
RT: 8.851 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM044732.D
Acq: 22 Mar 2024 13:24

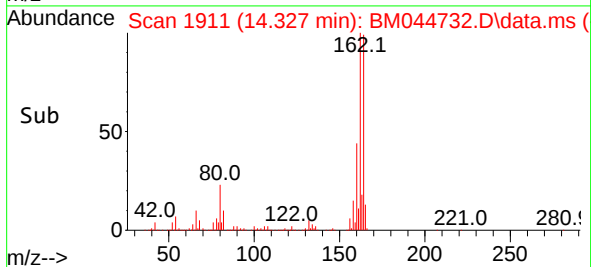
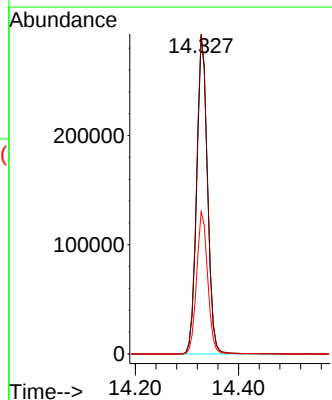
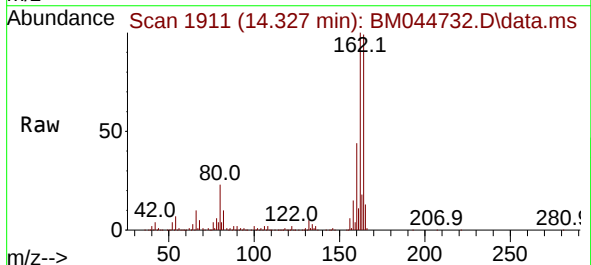
Instrument :
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ClientSampleId :
PB159733BL

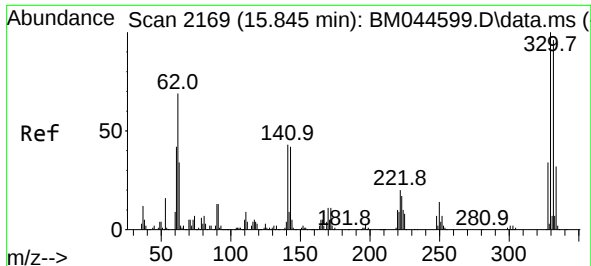
Tgt Ion: 82 Resp: 1484966
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 52.8 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044732.D
Acq: 22 Mar 2024 13:24

Tgt Ion: 164 Resp: 421248
Ion Ratio Lower Upper
164 100
162 100.7 79.3 118.9
160 44.7 35.2 52.8

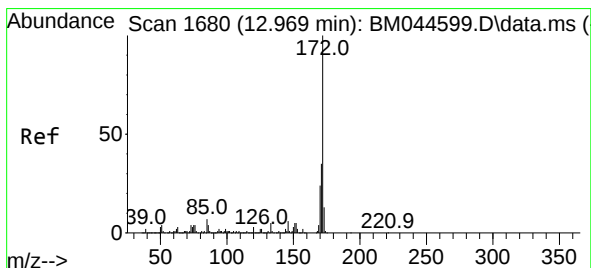
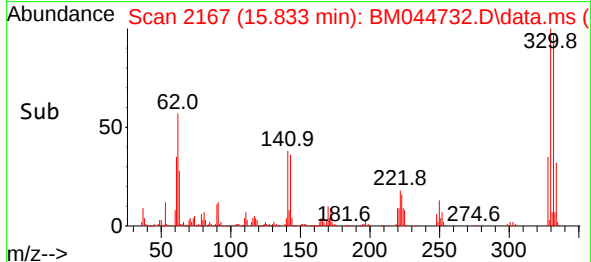
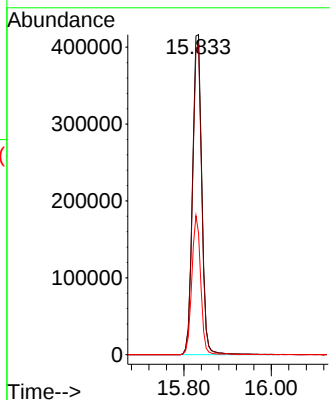
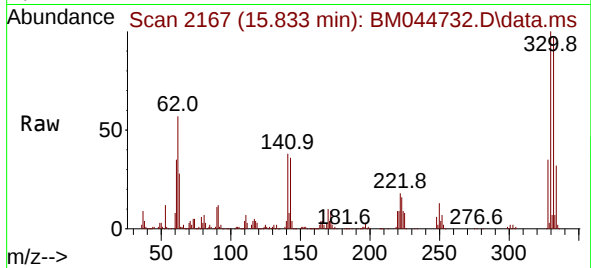




#42
2,4,6-Tribromophenol
Concen: 132.519 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044732.D
Acq: 22 Mar 2024 13:24

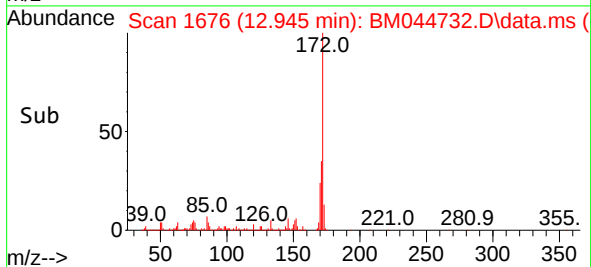
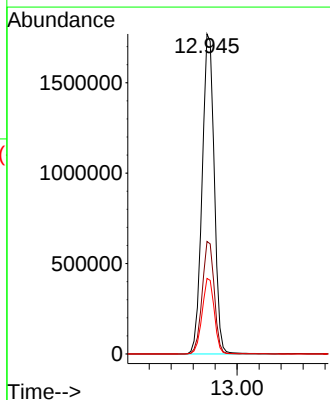
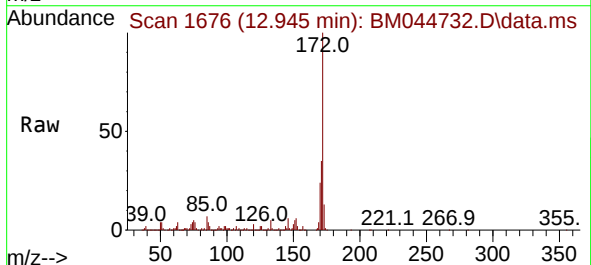
Instrument :
BNA_M
ClientSampleId :
PB159733BL

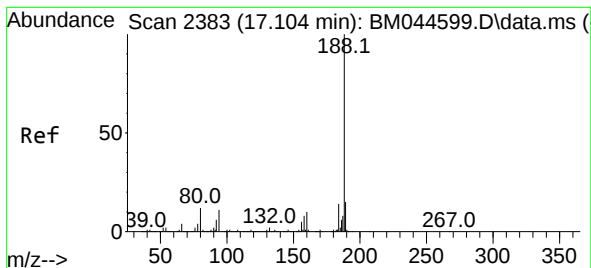
Tgt Ion:330 Resp: 615713
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 41.3 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 88.631 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044732.D
Acq: 22 Mar 2024 13:24

Tgt Ion:172 Resp: 2710944
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

Instrument :

BNA_M

ClientSampleId :

PB159733BL

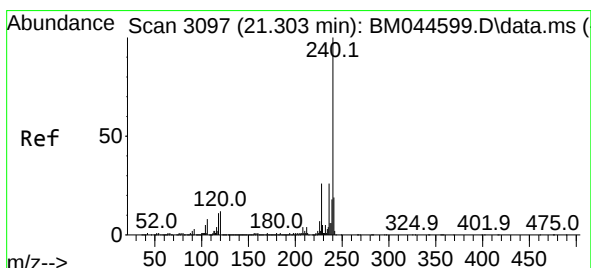
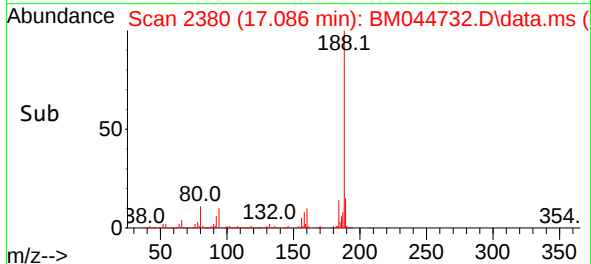
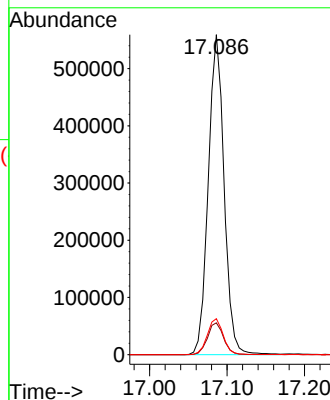
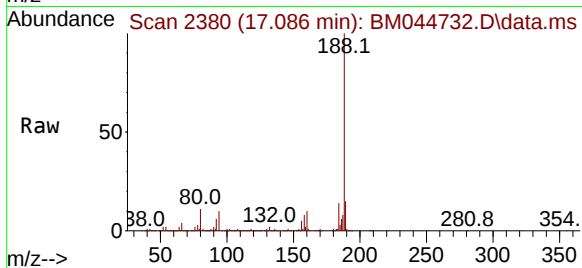
Tgt Ion:188 Resp: 792597

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

80 11.3 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.017 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

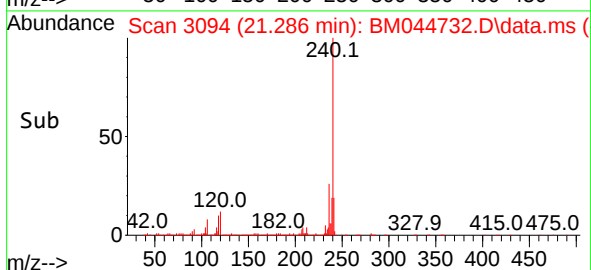
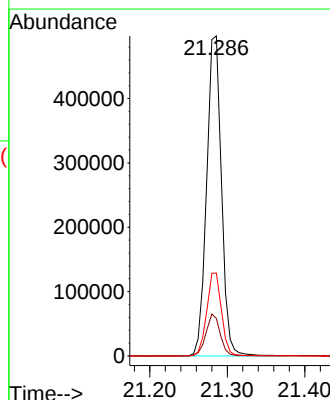
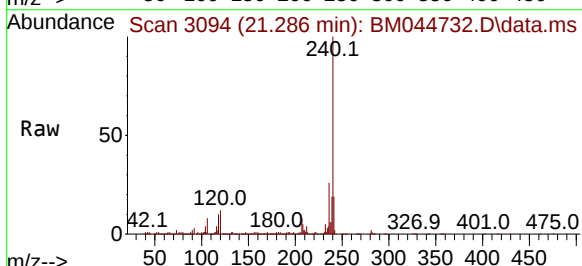
Tgt Ion:240 Resp: 660966

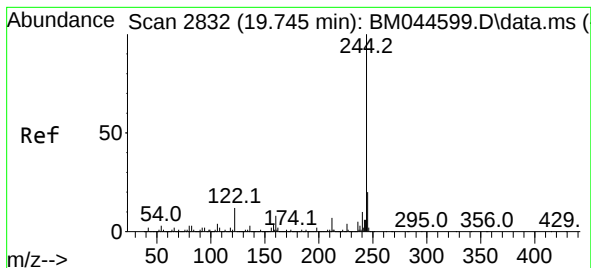
Ion Ratio Lower Upper

240 100

120 11.7 9.7 14.5

236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 90.549 ng

RT: 19.727 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

Instrument :

BNA_M

ClientSampleId :

PB159733BL

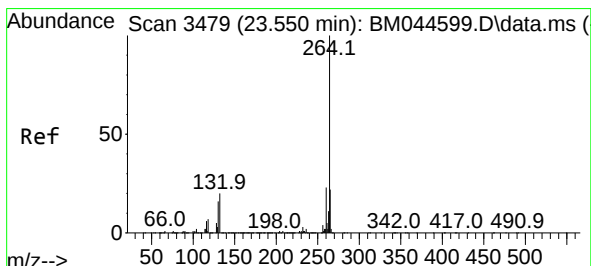
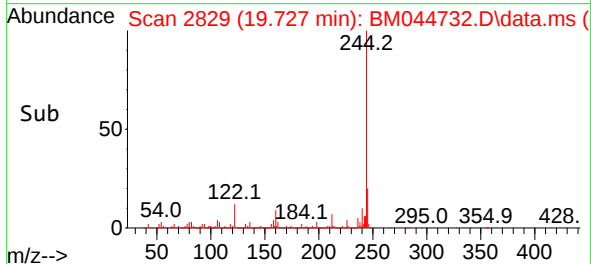
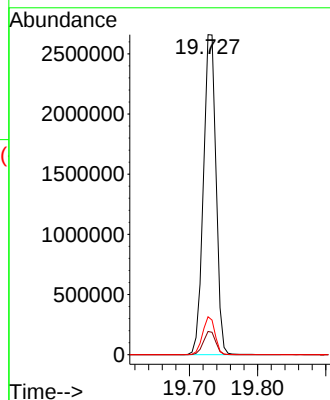
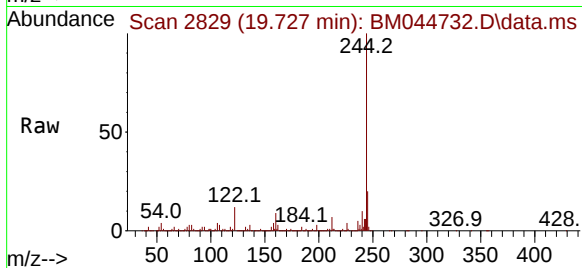
Tgt Ion:244 Resp: 3421253

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 11.9 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.521 min Scan# 3474

Delta R.T. -0.029 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

Tgt Ion:264 Resp: 772540

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.5 17.5 26.3

