

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031824\
 Data File : BM044655.D
 Acq On : 18 Mar 2024 12:27
 Operator : MA/JU
 Sample : PB159613BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159613BL

Quant Time: Mar 18 13:25:12 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	7.698	152	204665	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	763576	20.000	ng	-0.01
39) Acenaphthene-d10	14.339	164	405286	20.000	ng	-0.01
64) Phenanthrene-d10	17.098	188	734602	20.000	ng	0.00
76) Chrysene-d12	21.291	240	611002	20.000	ng	-0.01
86) Perylene-d12	23.538	264	765934	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1360333	95.431	ng	0.00
7) Phenol-d6	6.869	99	1665808	90.836	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1453158	91.683	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	395448	88.464	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2756724	93.677	ng	-0.01
79) Terphenyl-d14	19.739	244	3390457	97.072	ng	0.00

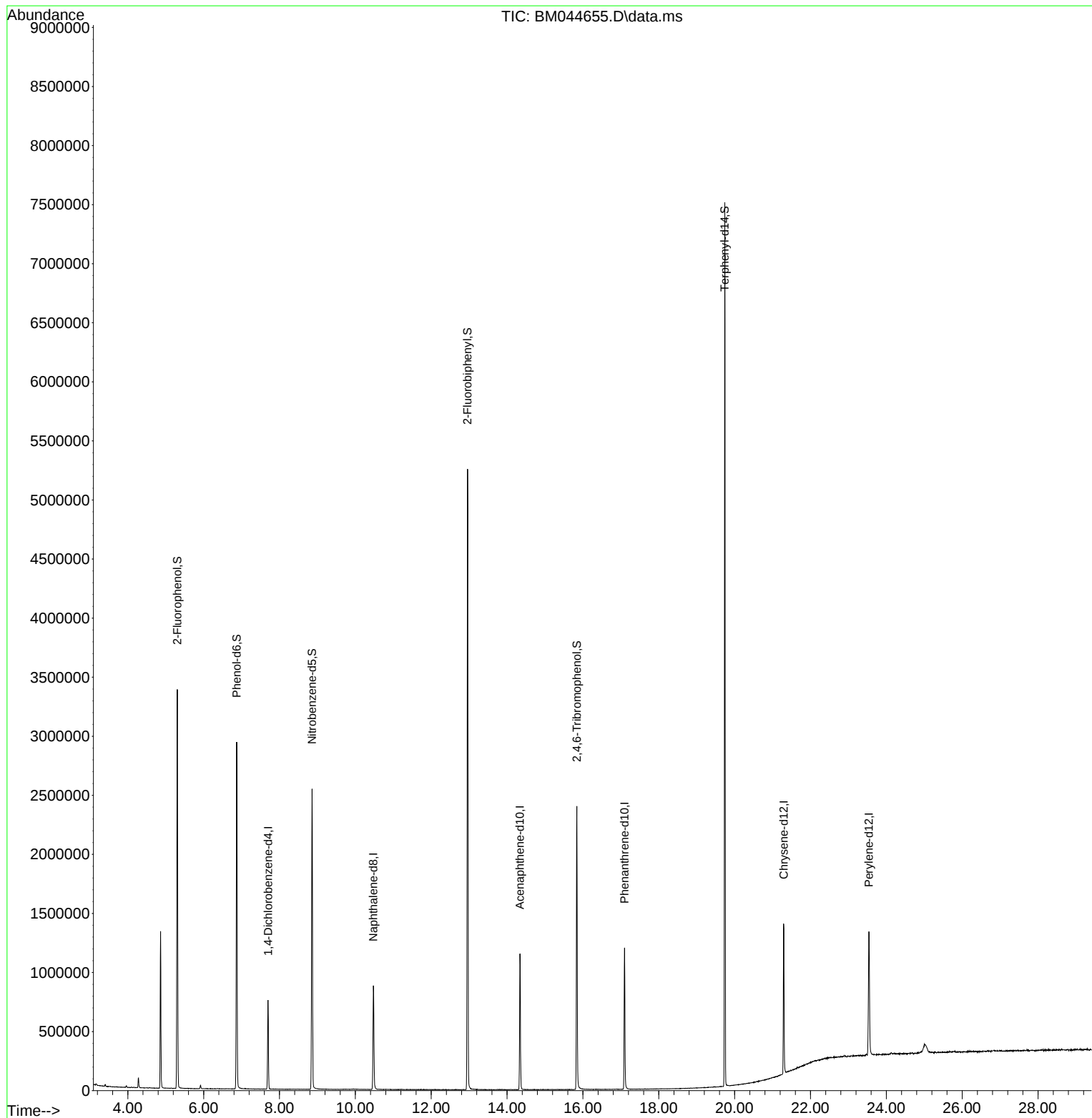
Target Compounds	Qvalue

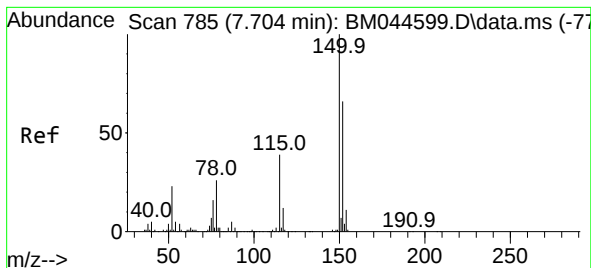
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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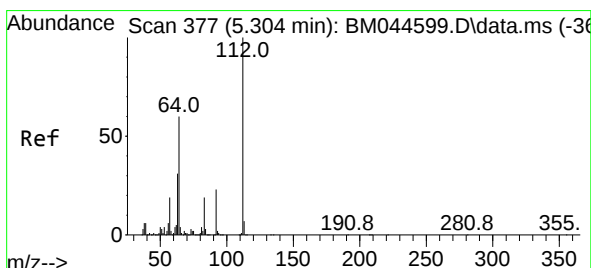
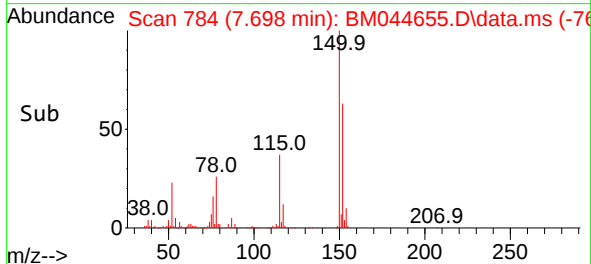
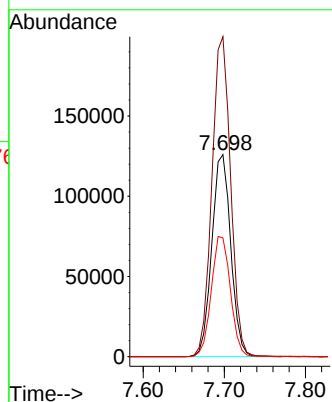
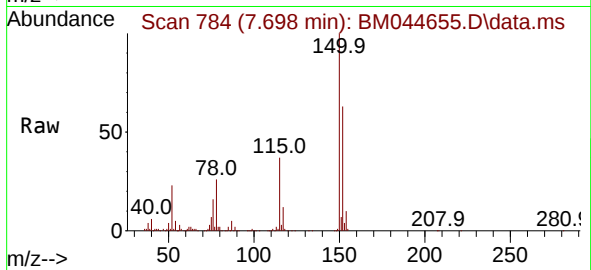




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.698 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

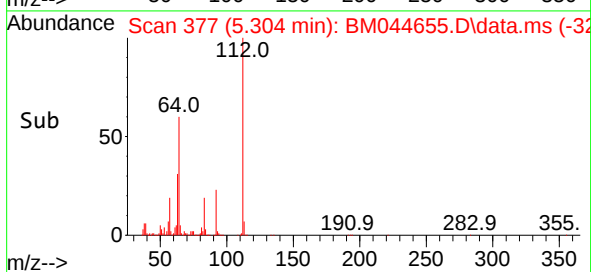
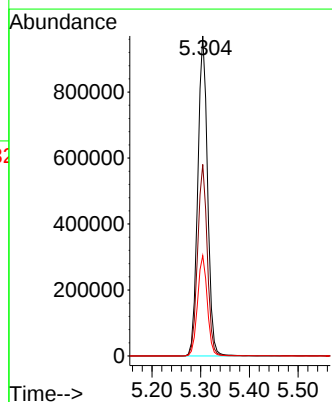
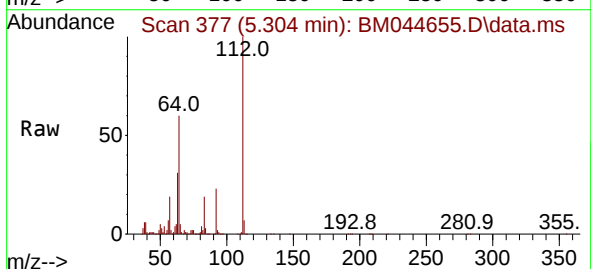
Instrument :
BNA_M
ClientSampleId :
PB159613BL

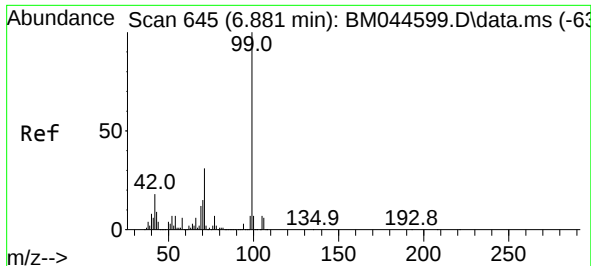
Tgt Ion:152 Resp: 204665
Ion Ratio Lower Upper
152 100
150 158.3 121.9 182.9
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 95.431 ng
RT: 5.304 min Scan# 377
Delta R.T. -0.000 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

Tgt Ion:112 Resp: 1360333
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 31.4 25.0 37.4

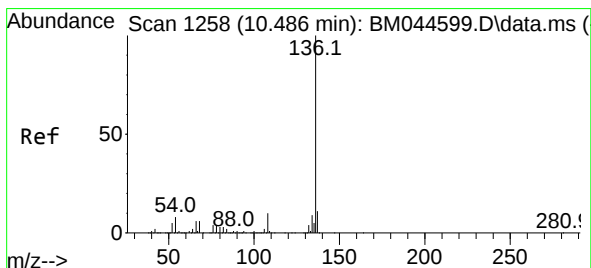
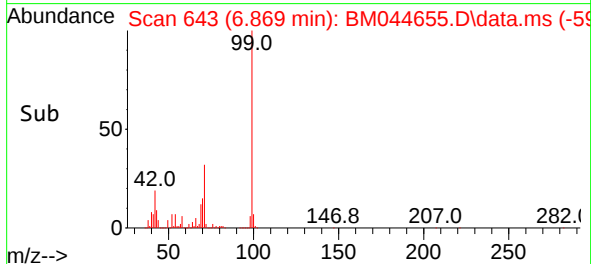
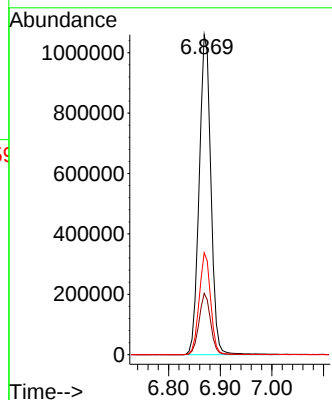
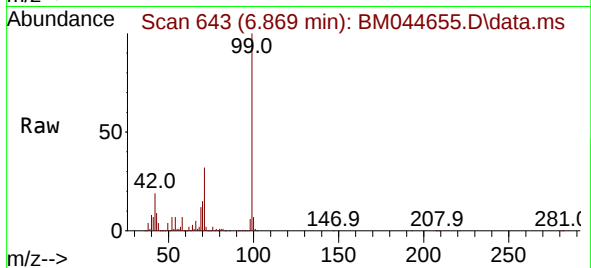




#7
Phenol-d6
Concen: 90.836 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

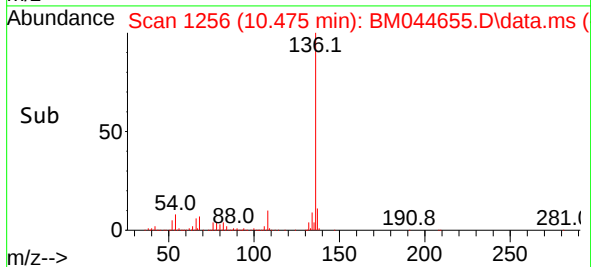
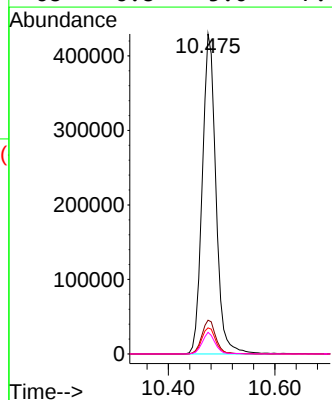
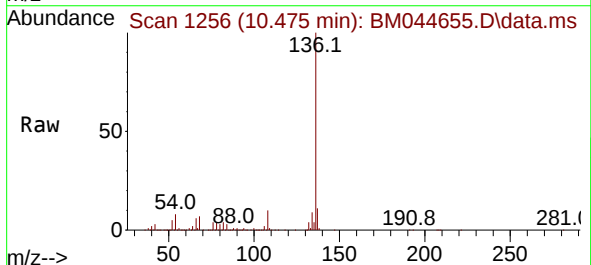
Instrument :
BNA_M
ClientSampleId :
PB159613BL

Tgt Ion: 99 Resp: 1665808
Ion Ratio Lower Upper
99 100
42 19.1 14.3 21.5
71 31.8 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 136 Resp: 763576
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.1 6.6 10.0
68 6.8 5.0 7.4

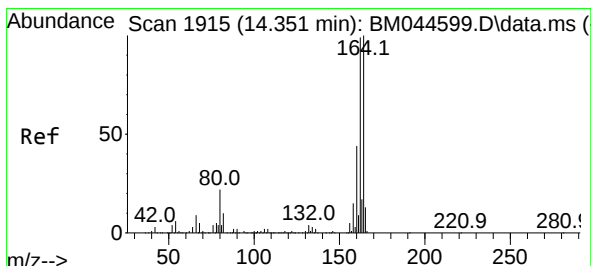
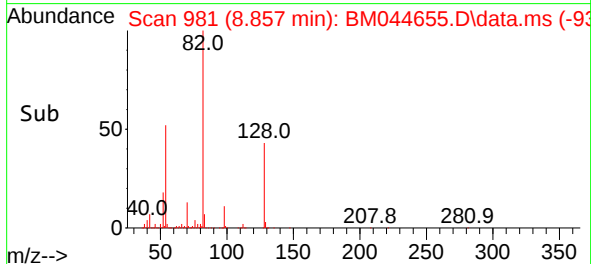
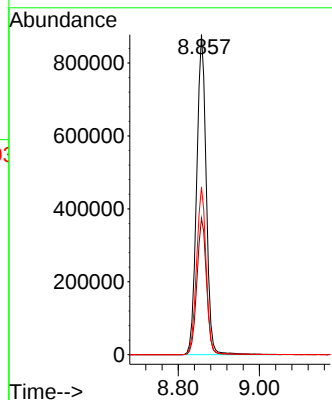
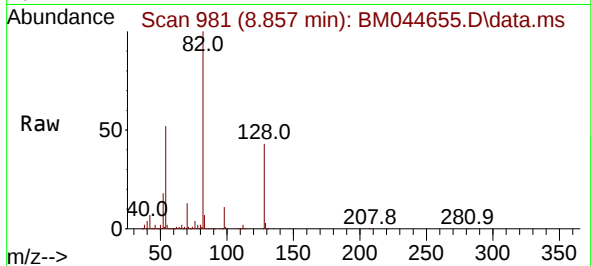




#23
Nitrobenzene-d5
Concen: 91.683 ng
RT: 8.857 min Scan# 913
Delta R.T. -0.006 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

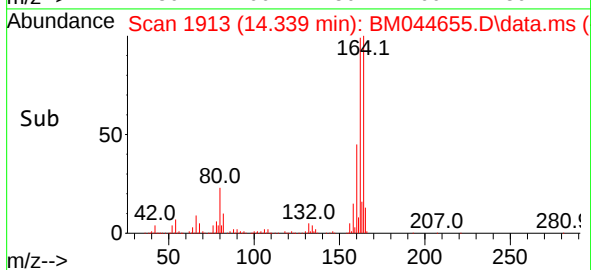
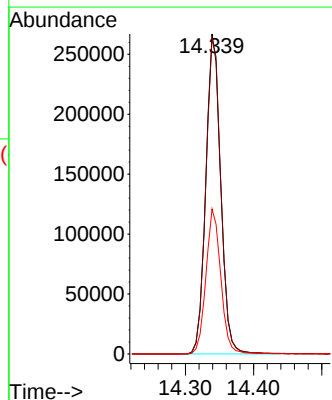
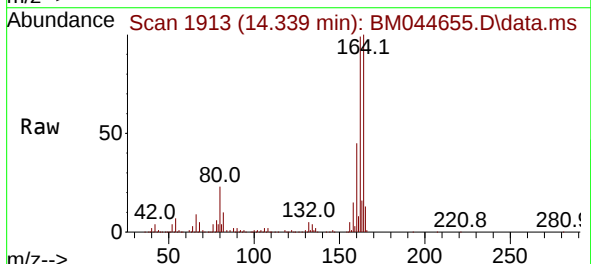
Instrument :
BNA_M
ClientSampleId :
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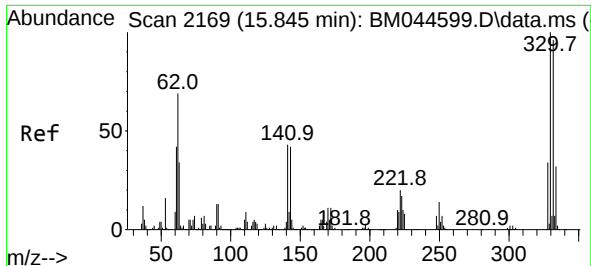
Tgt Ion: 82 Resp: 1453158
Ion Ratio Lower Upper
82 100
128 42.6 34.2 51.4
54 52.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

Tgt Ion:164 Resp: 405286
Ion Ratio Lower Upper
164 100
162 98.6 79.3 118.9
160 45.3 35.2 52.8

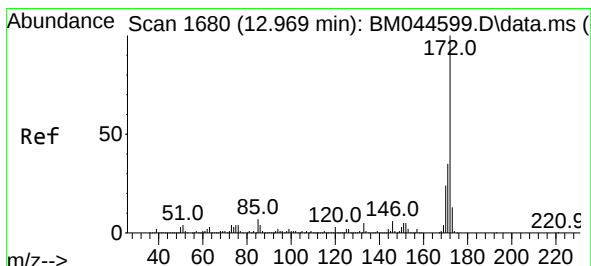
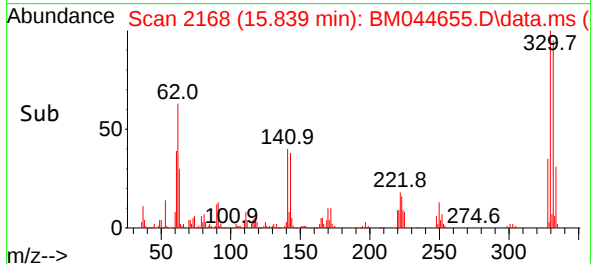
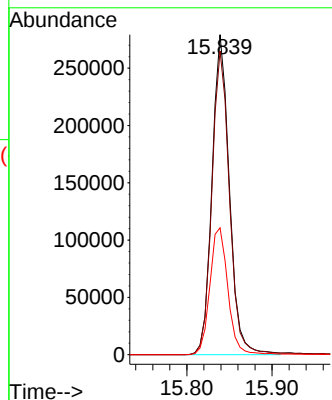
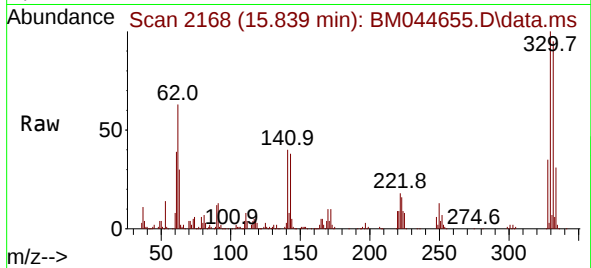




#42
2,4,6-Tribromophenol
Concen: 88.464 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

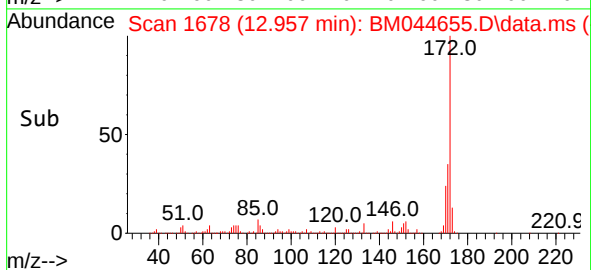
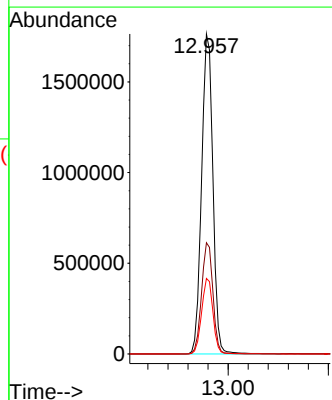
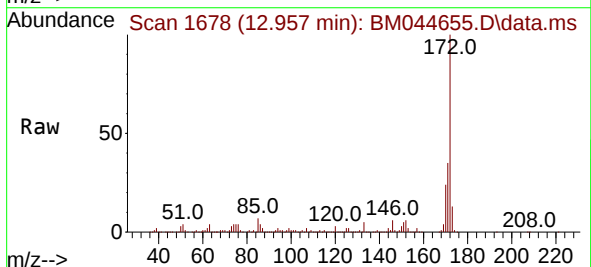
Instrument :
BNA_M
ClientSampleId :
PB159613BL

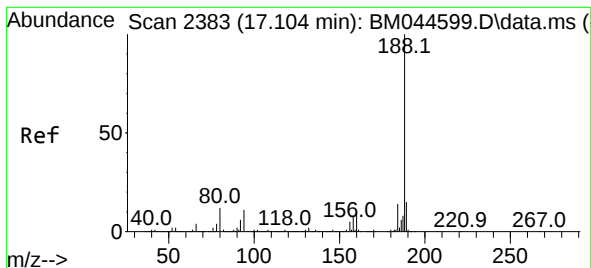
Tgt Ion:330 Resp: 395448
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 41.4 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 93.677 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

Tgt Ion:172 Resp: 2756724
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044655.D

Acq: 18 Mar 2024 12:27

Instrument :

BNA_M

ClientSampleId :

PB159613BL

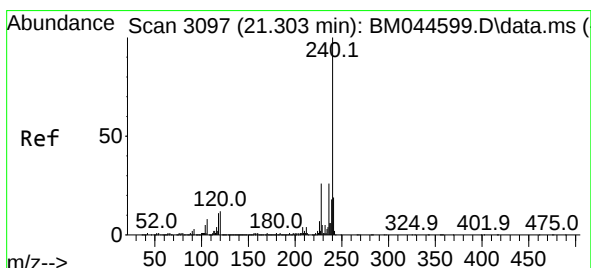
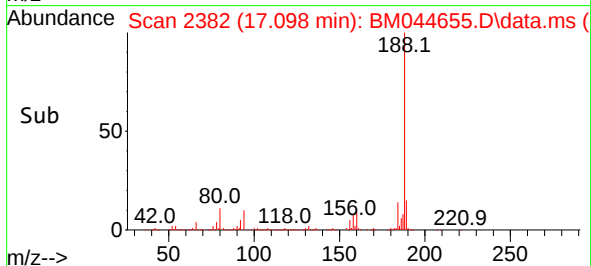
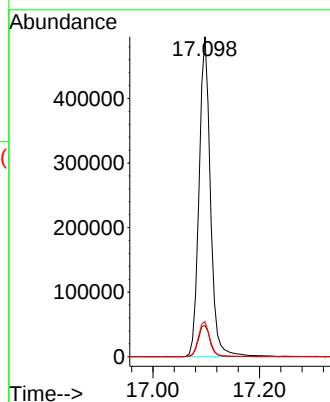
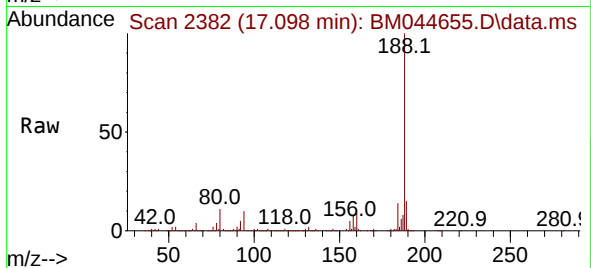
Tgt Ion:188 Resp: 734602

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

80 10.9 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.291 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BM044655.D

Acq: 18 Mar 2024 12:27

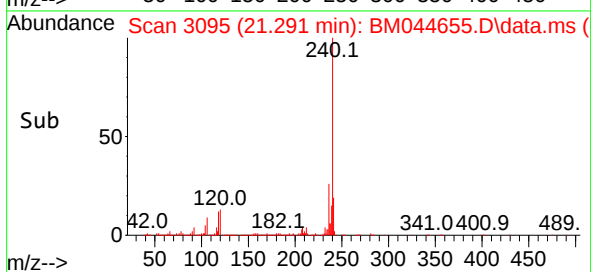
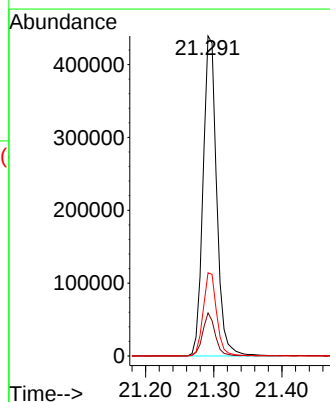
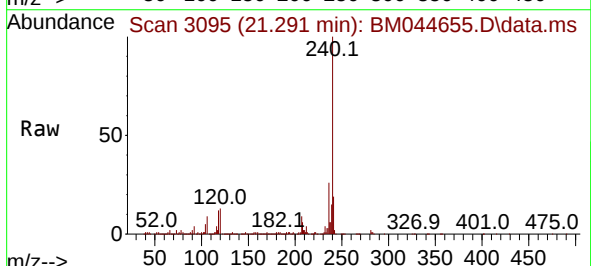
Tgt Ion:240 Resp: 611002

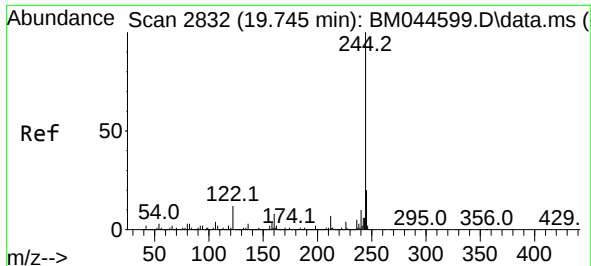
Ion Ratio Lower Upper

240 100

120 13.4 9.7 14.5

236 26.0 21.0 31.4

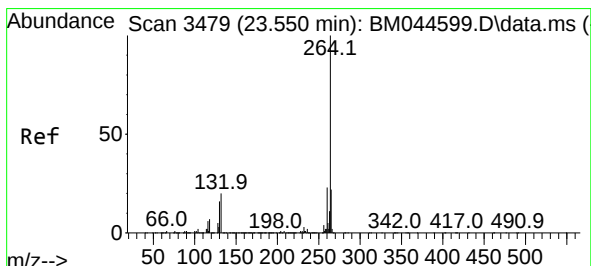
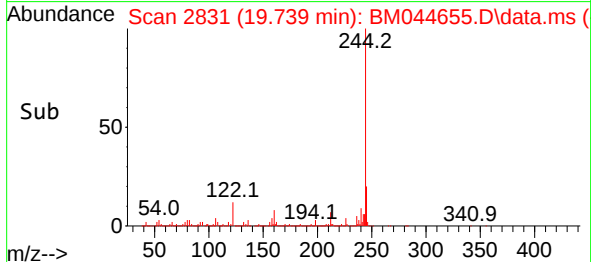
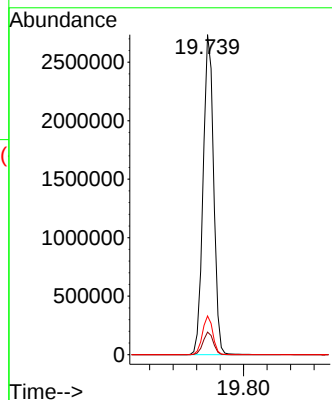
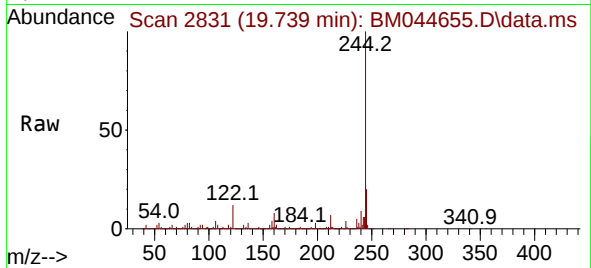




#79
Terphenyl-d14
Concen: 97.072 ng
RT: 19.739 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

Instrument :
BNA_M
ClientSampleId :
PB159613BL

Tgt Ion:244 Resp: 3390457
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 12.1 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.538 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM044655.D
Acq: 18 Mar 2024 12:27

Tgt Ion:264 Resp: 765934
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 22.3 17.5 26.3

