

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044740.D
 Acq On : 22 Mar 2024 18:27
 Operator : MA/JU
 Sample : PB159703BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159703BL

Quant Time: Mar 22 23:01:04 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	201177	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	724622	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	373551	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	673335	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	553499	20.000	ng	-0.02
86) Perylene-d12	23.527	264	652268	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1752071	125.044	ng	0.00
7) Phenol-d6	6.869	99	2098803	116.431	ng	-0.01
23) Nitrobenzene-d5	8.851	82	1286975	85.563	ng	-0.01
42) 2,4,6-Tribromophenol	15.827	330	521745	126.633	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	2380247	87.755	ng	-0.02
79) Terphenyl-d14	19.727	244	2924741	92.437	ng	-0.02

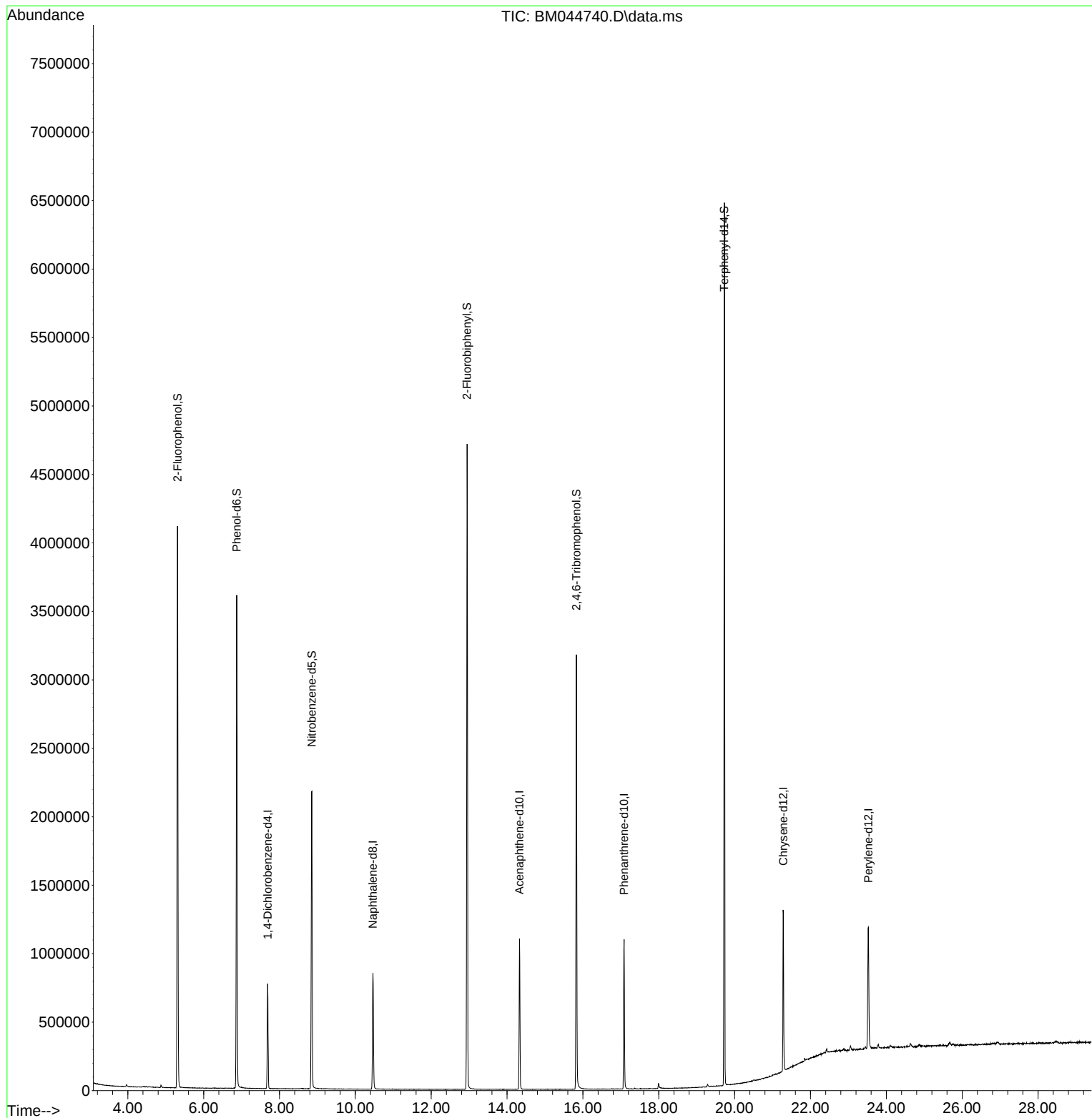
Target Compounds	Qvalue

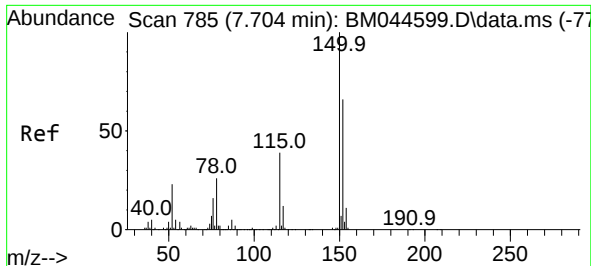
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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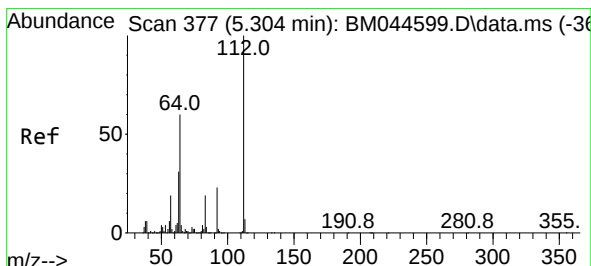
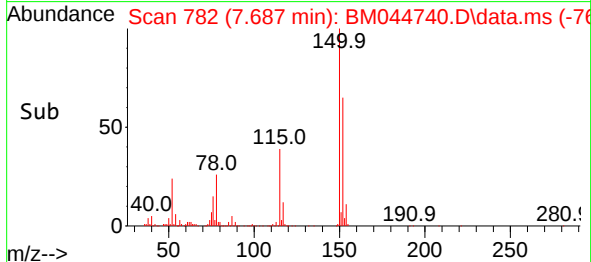
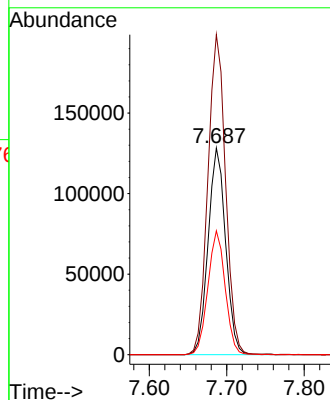
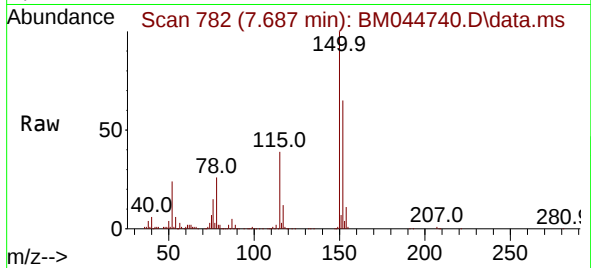




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.687 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BM044740.D
 Acq: 22 Mar 2024 18:27

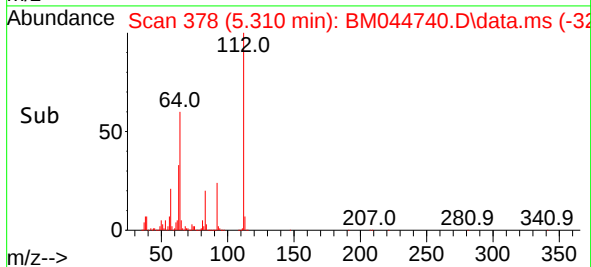
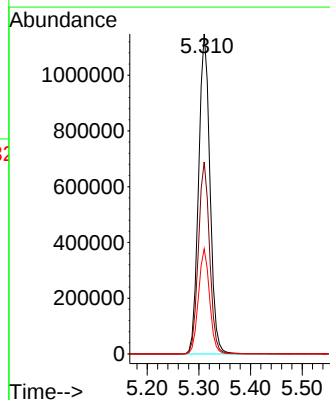
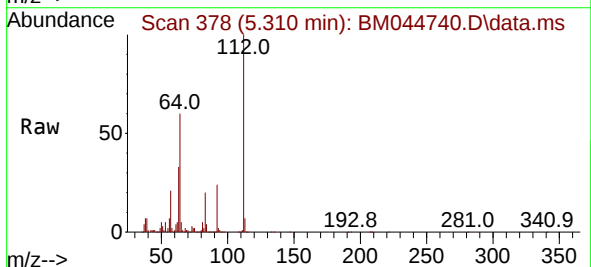
Instrument :
 BNA_M
 ClientSampleId :
 PB159703BL

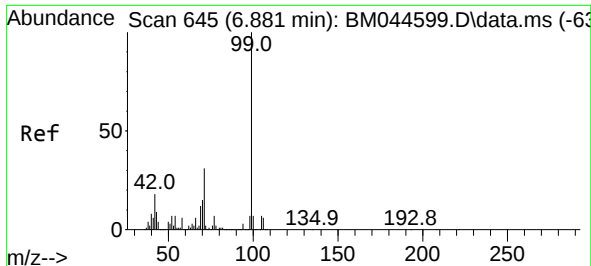
Tgt Ion:152 Resp: 201177
 Ion Ratio Lower Upper
 152 100
 150 154.8 121.9 182.9
 115 59.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 125.044 ng
 RT: 5.310 min Scan# 378
 Delta R.T. 0.006 min
 Lab File: BM044740.D
 Acq: 22 Mar 2024 18:27

Tgt Ion:112 Resp: 1752071
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.9 71.9
 63 32.8 25.0 37.4

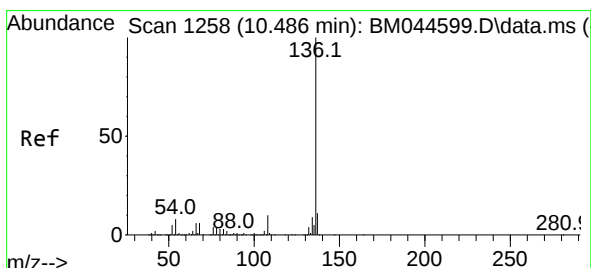
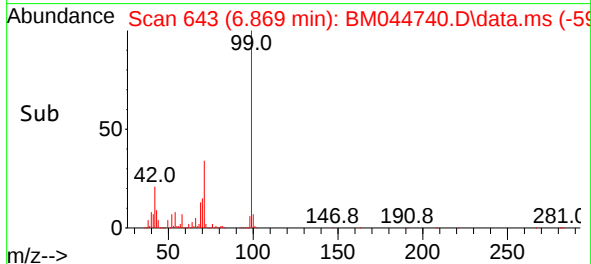
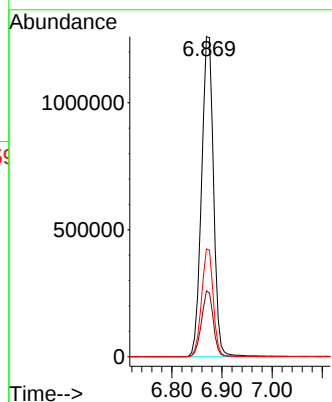
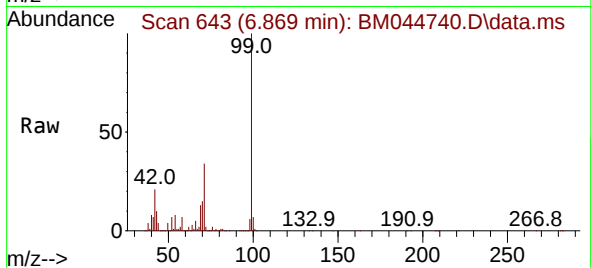




#7
Phenol-d6
Concen: 116.431 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044740.D
Acq: 22 Mar 2024 18:27

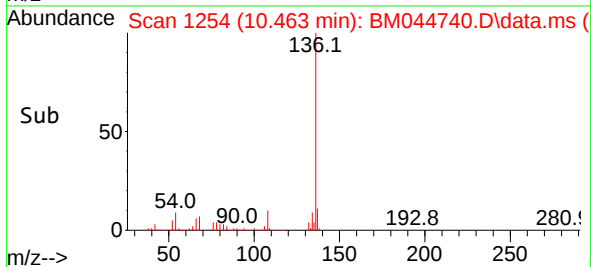
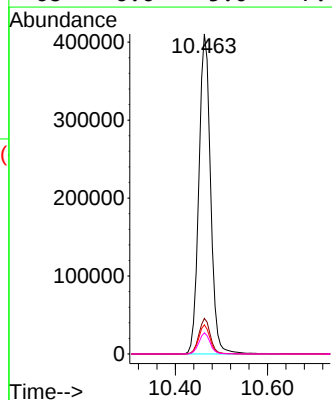
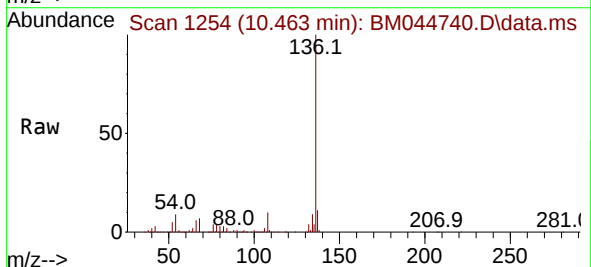
Instrument :
BNA_M
ClientSampleId :
PB159703BL

Tgt Ion: 99 Resp: 2098803
Ion Ratio Lower Upper
99 100
42 20.5 14.3 21.5
71 33.6 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: BM044740.D
Acq: 22 Mar 2024 18:27

Tgt Ion: 136 Resp: 724622
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.1 6.6 10.0
68 6.6 5.0 7.4

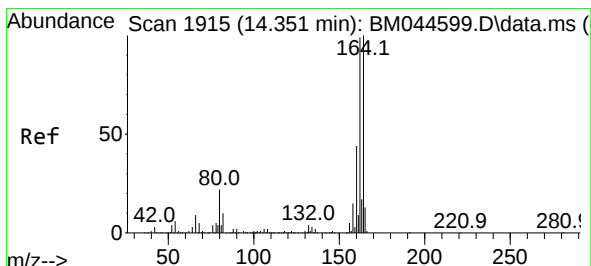
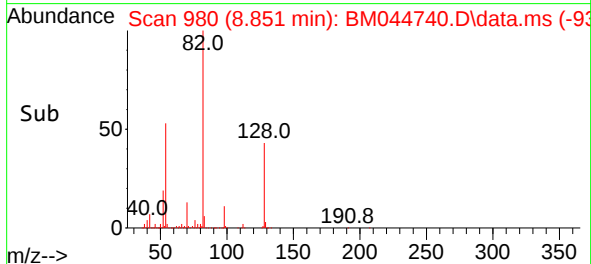
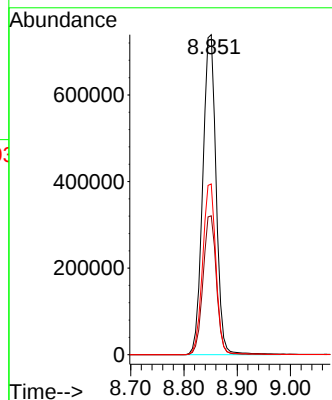
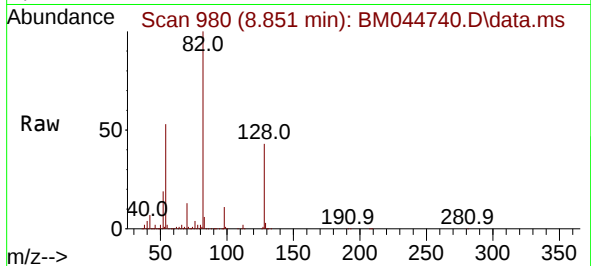




#23
Nitrobenzene-d5
Concen: 85.563 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044740.D
Acq: 22 Mar 2024 18:27

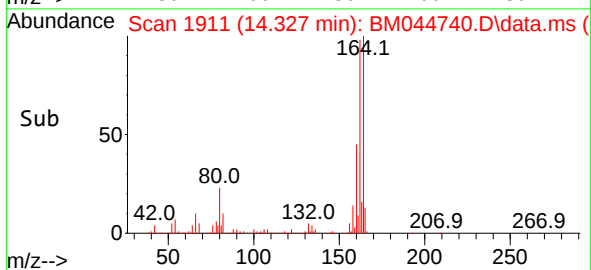
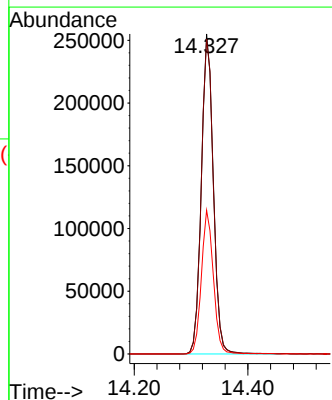
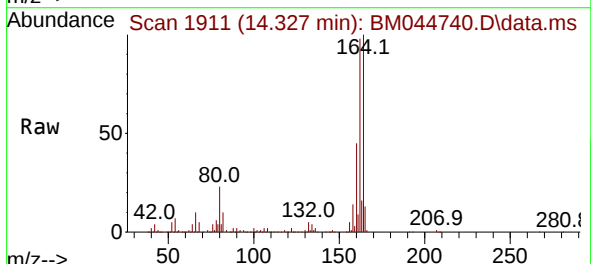
Instrument :
BNA_M
ClientSampleId :
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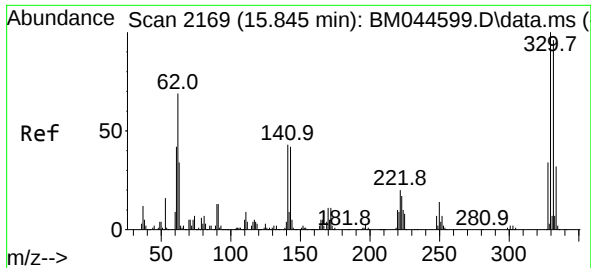
Tgt Ion: 82 Resp: 1286975
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 53.4 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044740.D
Acq: 22 Mar 2024 18:27

Tgt Ion: 164 Resp: 373551
Ion Ratio Lower Upper
164 100
162 98.4 79.3 118.9
160 44.9 35.2 52.8

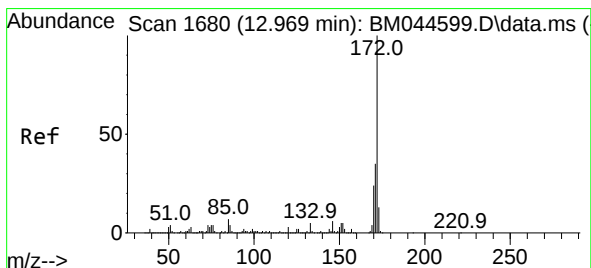
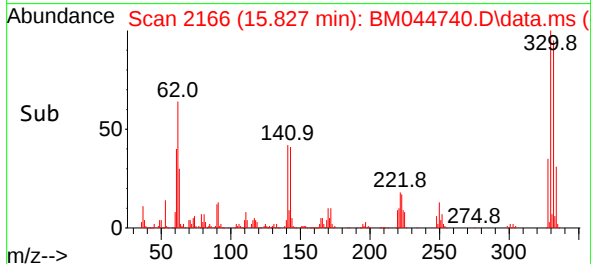
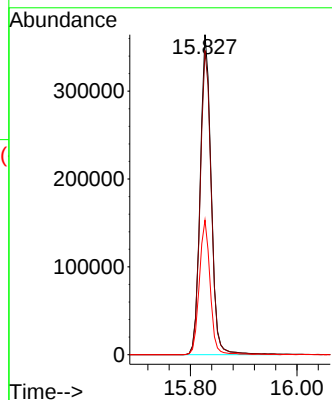
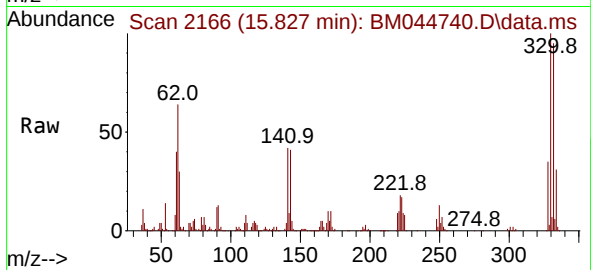




#42
2,4,6-Tribromophenol
Concen: 126.633 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BM044740.D
Acq: 22 Mar 2024 18:27

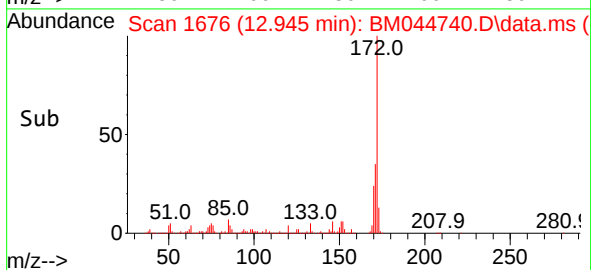
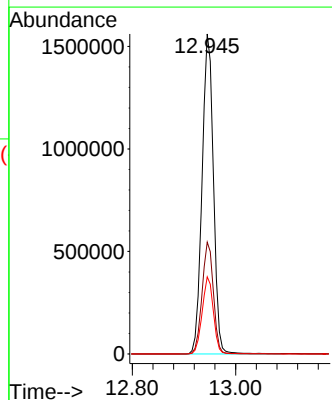
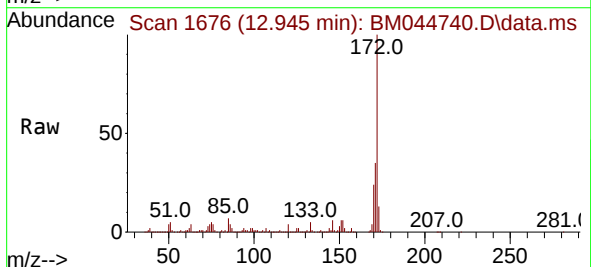
Instrument :
BNA_M
ClientSampleId :
PB159703BL

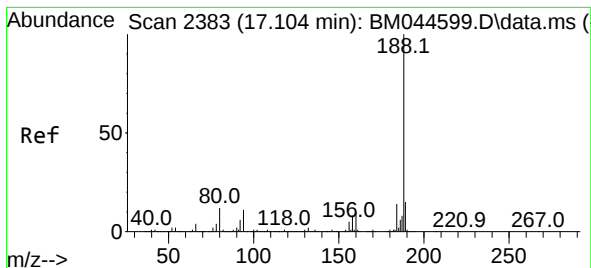
Tgt Ion:330 Resp: 521745
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 41.4 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 87.755 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044740.D
Acq: 22 Mar 2024 18:27

Tgt Ion:172 Resp: 2380247
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 24.1 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: BM044740.D

Acq: 22 Mar 2024 18:27

Instrument :

BNA_M

ClientSampleId :

PB159703BL

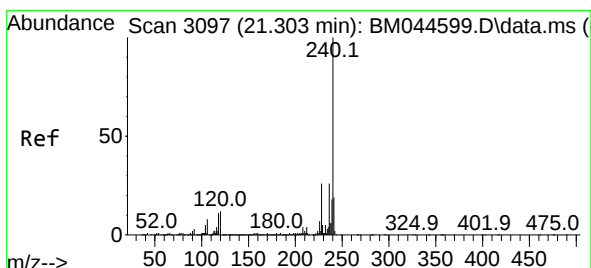
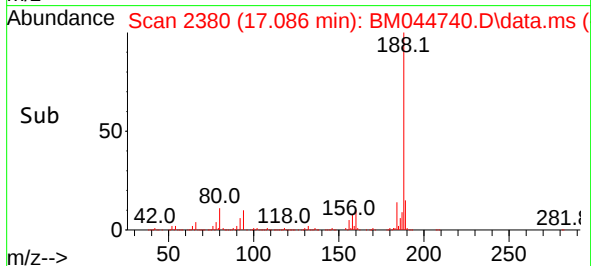
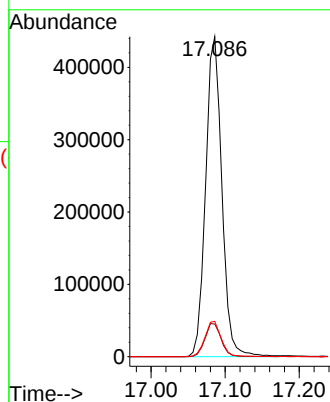
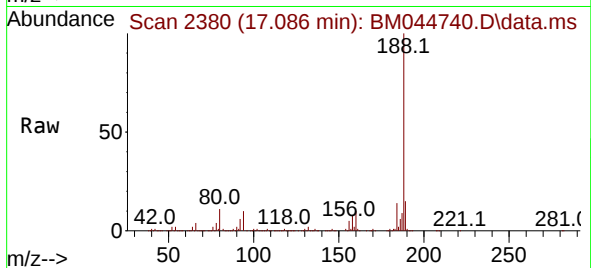
Tgt Ion:188 Resp: 673335

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

80 11.1 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.280 min Scan# 3093

Delta R.T. -0.023 min

Lab File: BM044740.D

Acq: 22 Mar 2024 18:27

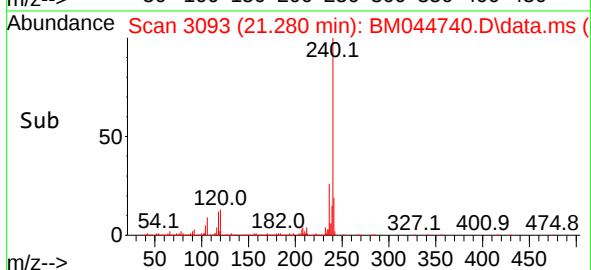
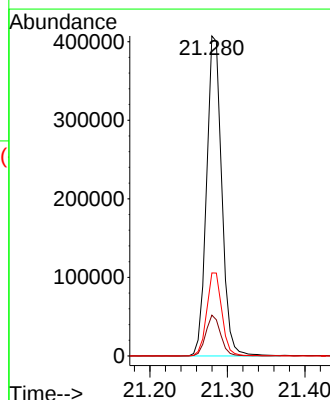
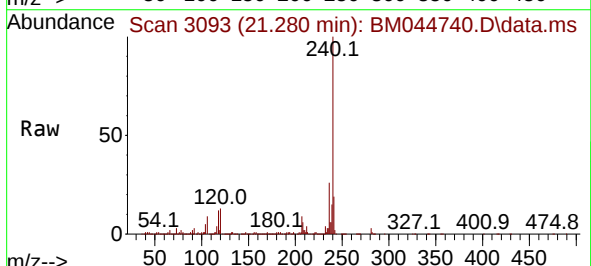
Tgt Ion:240 Resp: 553499

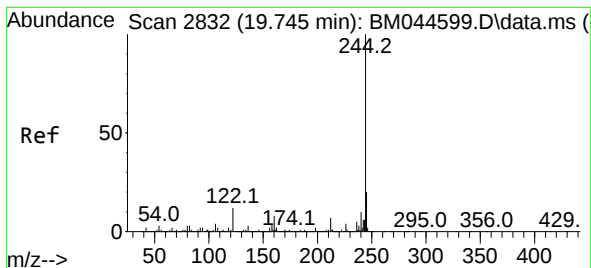
Ion Ratio Lower Upper

240 100

120 12.7 9.7 14.5

236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 92.437 ng

RT: 19.727 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044740.D

Acq: 22 Mar 2024 18:27

Instrument :

BNA_M

ClientSampleId :

PB159703BL

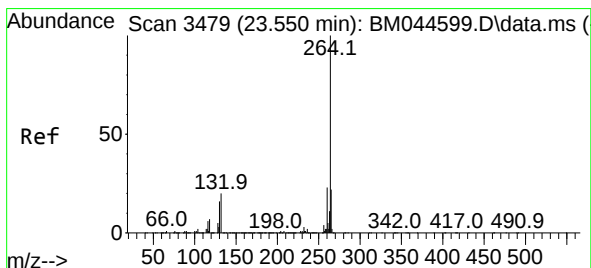
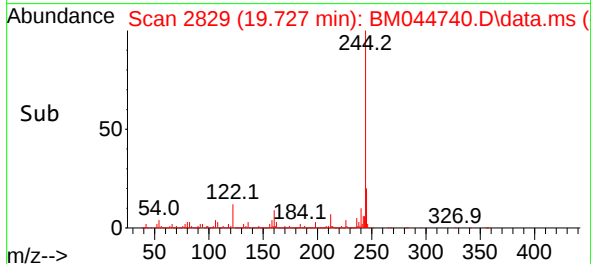
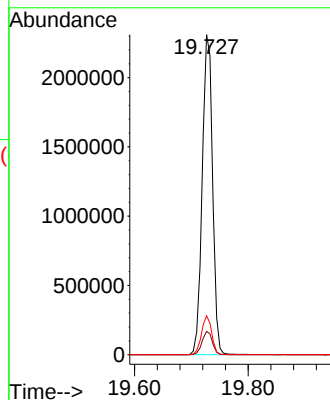
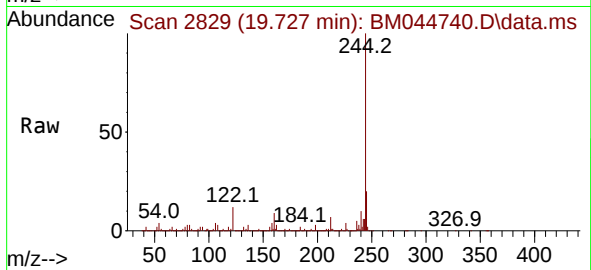
Tgt Ion:244 Resp: 2924741

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 12.2 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: BM044740.D

Acq: 22 Mar 2024 18:27

Tgt Ion:264 Resp: 652268

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.5 17.5 26.3

