

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044742.D
 Acq On : 22 Mar 2024 19:39
 Operator : MA/JU
 Sample : PB159737BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159737BL

Quant Time: Mar 22 23:02:24 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	201591	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	726677	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	375853	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	669819	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	556054	20.000	ng	-0.02
86) Perylene-d12	23.521	264	651663	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1742770	124.124	ng	0.00
7) Phenol-d6	6.869	99	2065204	114.332	ng	-0.01
23) Nitrobenzene-d5	8.845	82	1282685	85.037	ng	-0.02
42) 2,4,6-Tribromophenol	15.827	330	516697	124.640	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	2366170	86.702	ng	-0.02
79) Terphenyl-d14	19.727	244	2872177	90.359	ng	-0.02

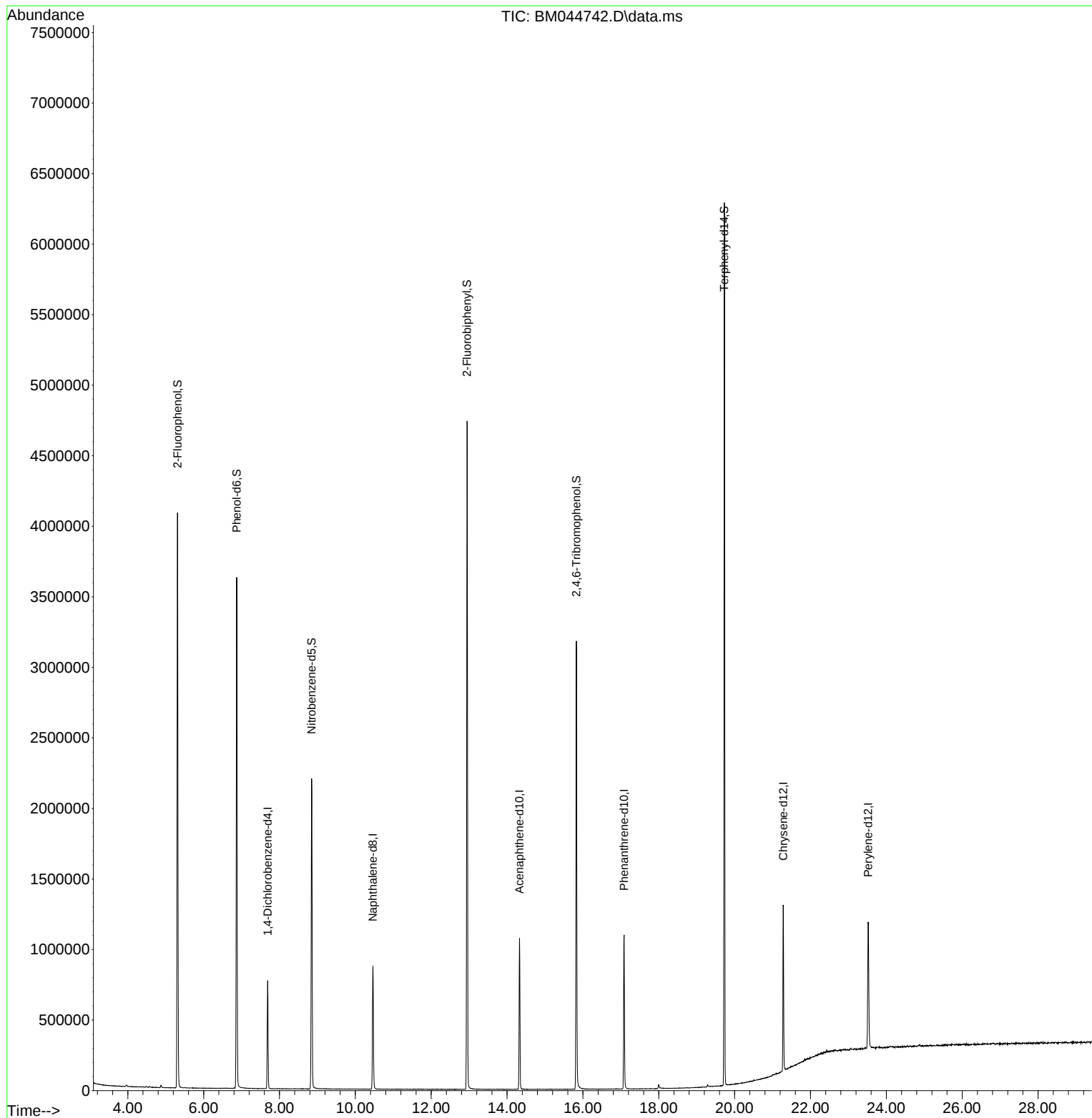
Target Compounds	Qvalue

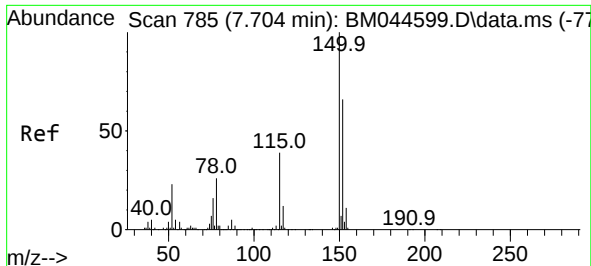
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 22 23:02:24 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 10 02:28:24 2024
Response via : Initial Calibration

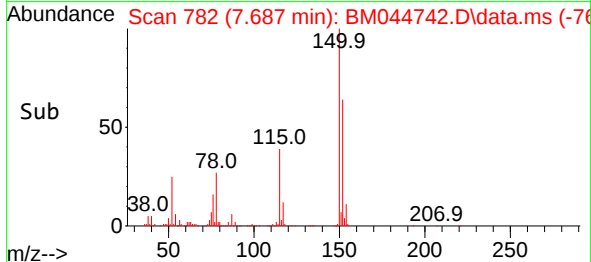
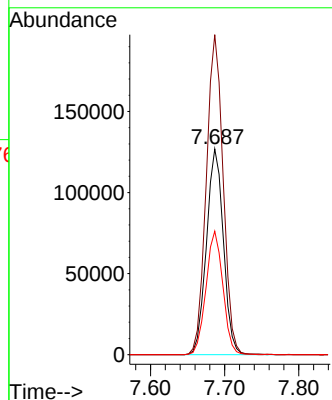
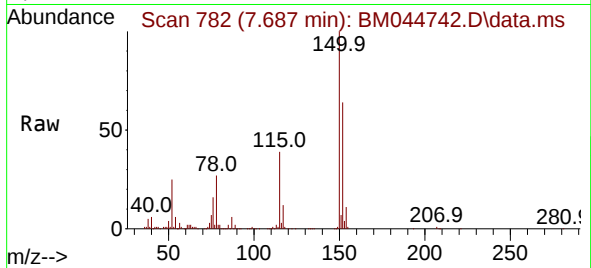




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

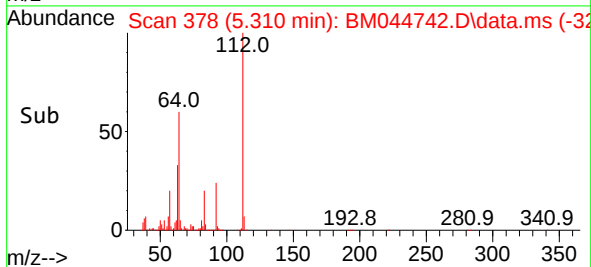
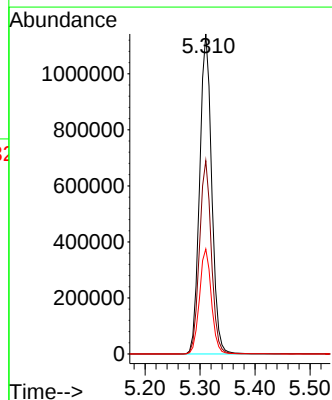
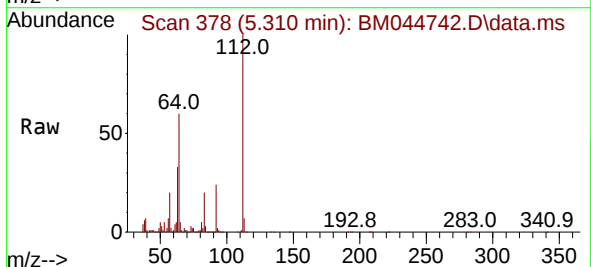
Instrument :
BNA_M
ClientSampleId :
PB159737BL

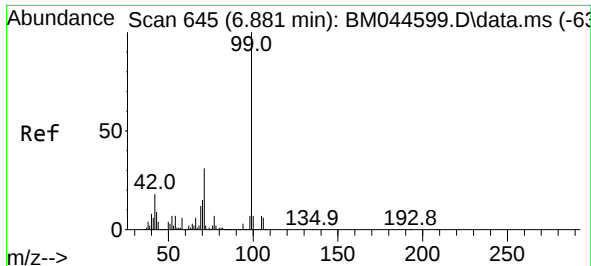
Tgt Ion:152 Resp: 201591
Ion Ratio Lower Upper
152 100
150 155.5 121.9 182.9
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 124.124 ng
RT: 5.310 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

Tgt Ion:112 Resp: 1742770
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 32.8 25.0 37.4

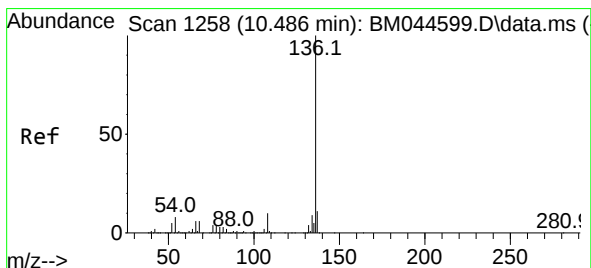
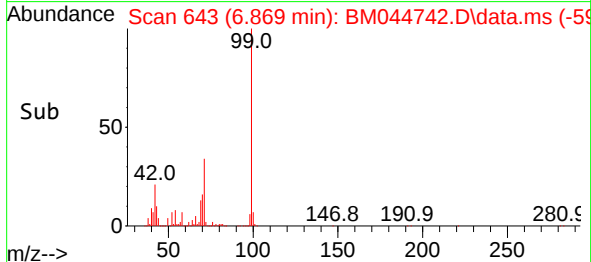
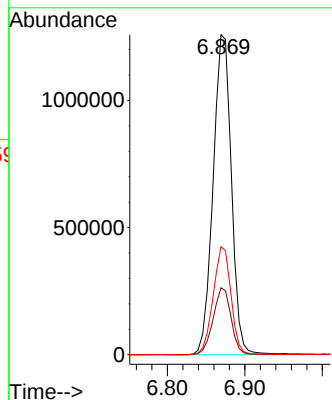
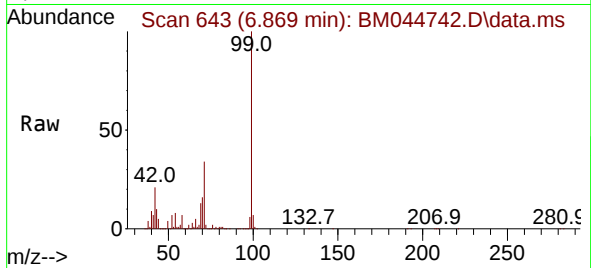




#7
Phenol-d6
Concen: 114.332 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

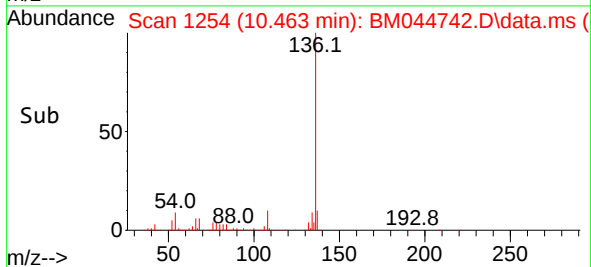
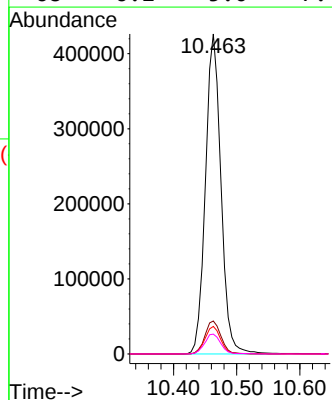
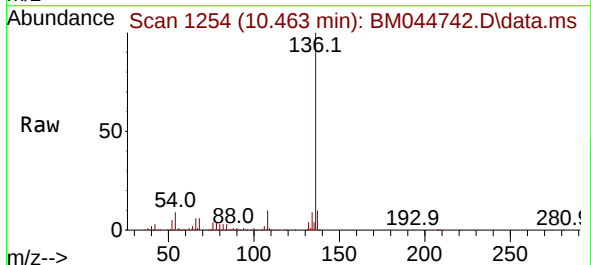
Instrument :
BNA_M
ClientSampleId :
PB159737BL

Tgt Ion: 99 Resp: 2065204
Ion Ratio Lower Upper
99 100
42 20.9 14.3 21.5
71 33.8 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: BM044742.D
Acq: 22 Mar 2024 19:39

Tgt Ion:136 Resp: 726677
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 8.6 6.6 10.0
68 6.2 5.0 7.4

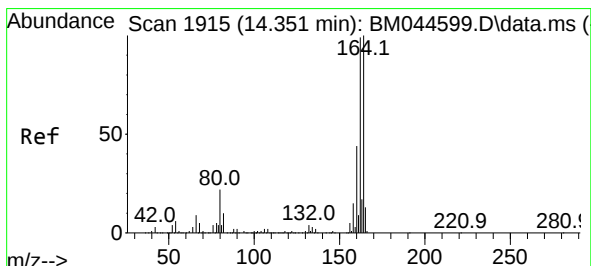
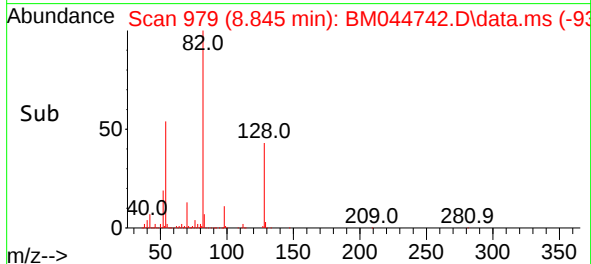
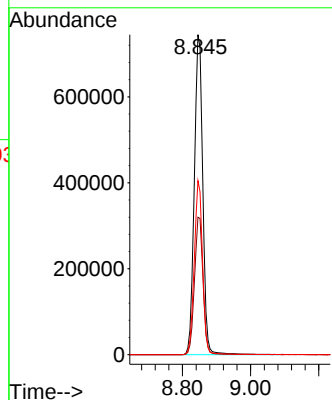
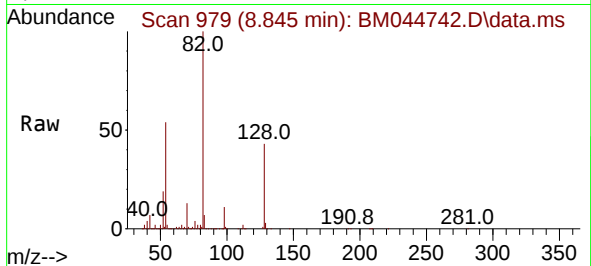




#23
Nitrobenzene-d5
Concen: 85.037 ng
RT: 8.845 min Scan# 911
Delta R.T. -0.017 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

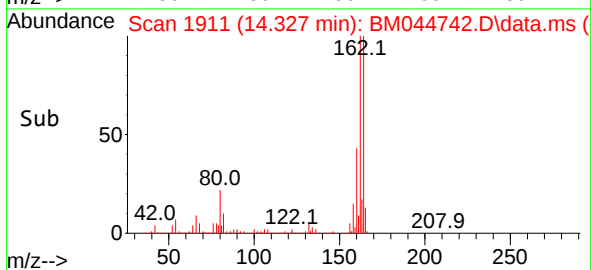
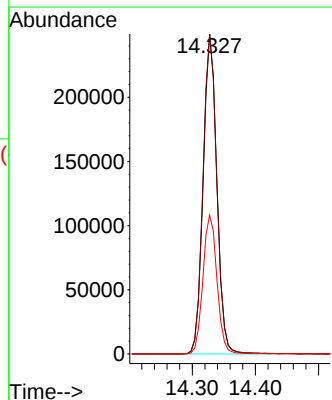
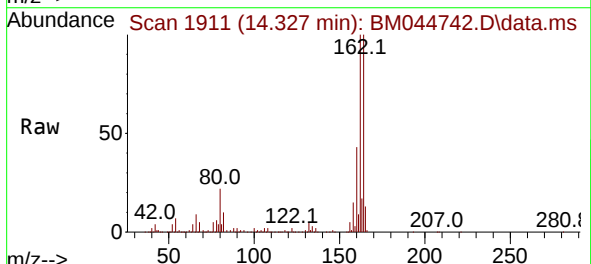
Instrument :
BNA_M
ClientSampleId :
PB159737BL

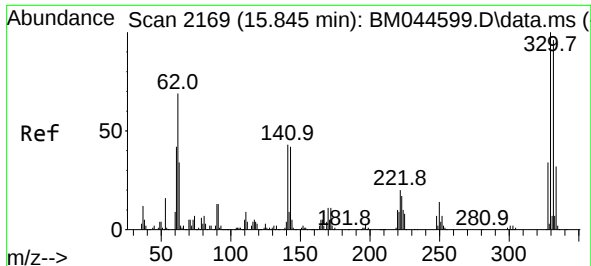
Tgt Ion: 82 Resp: 1282685
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.4
54 54.3 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

Tgt Ion: 164 Resp: 375853
Ion Ratio Lower Upper
164 100
162 100.1 79.3 118.9
160 43.4 35.2 52.8

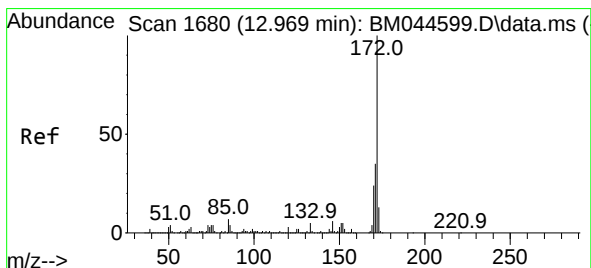
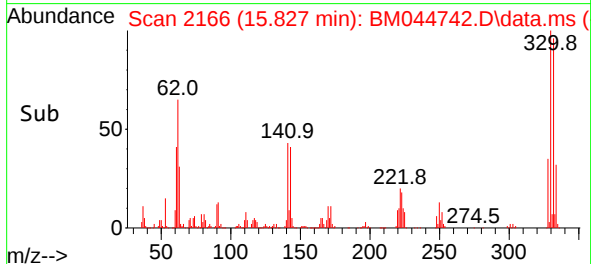
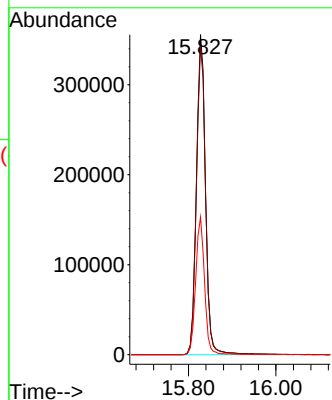
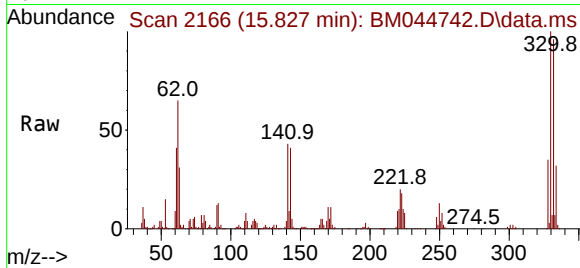




#42
2,4,6-Tribromophenol
Concen: 124.640 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

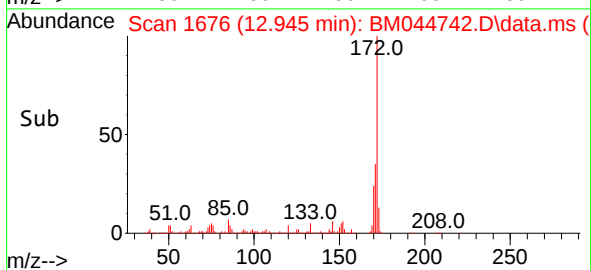
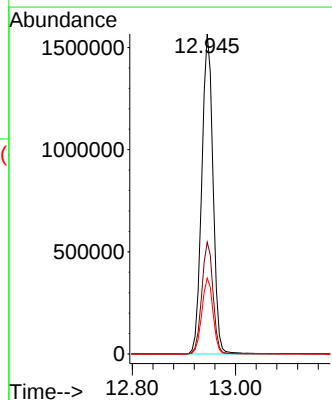
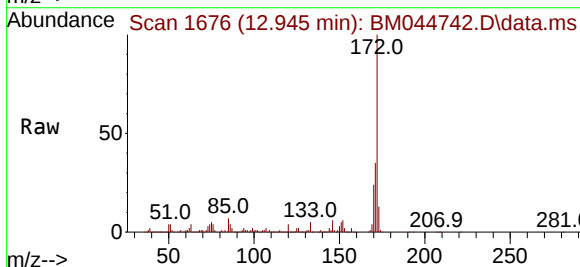
Instrument :
BNA_M
ClientSampleId :
PB159737BL

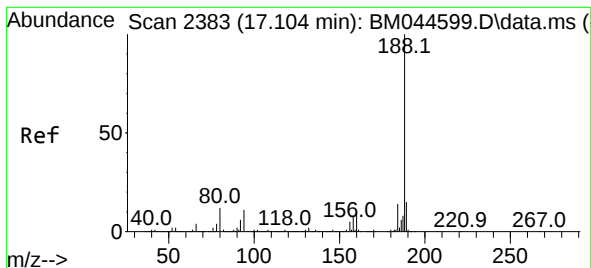
Tgt Ion:330 Resp: 516697
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 42.1 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 86.702 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

Tgt Ion:172 Resp: 2366170
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.7 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: BM044742.D

Acq: 22 Mar 2024 19:39

Instrument :

BNA_M

ClientSampleId :

PB159737BL

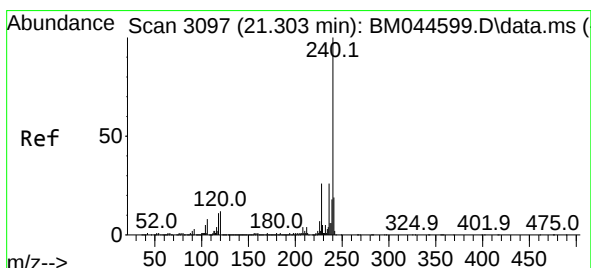
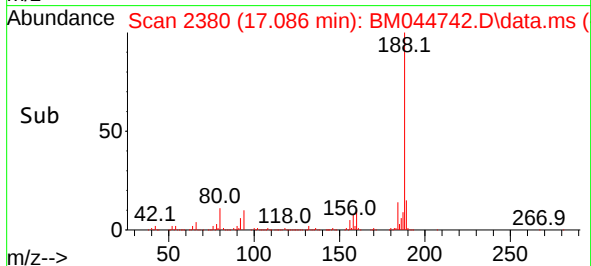
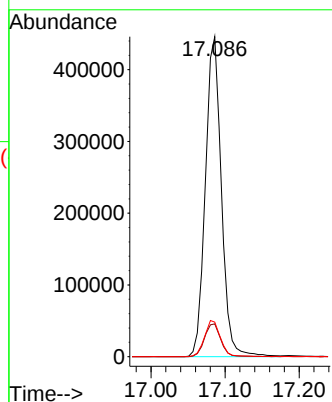
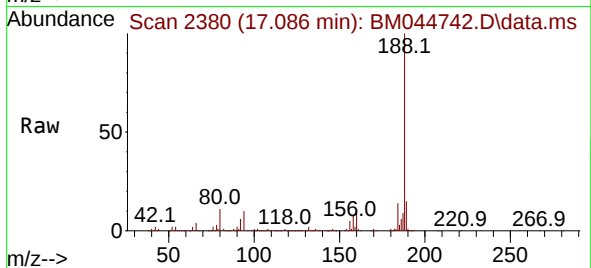
Tgt Ion:188 Resp: 669819

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

80 10.8 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: BM044742.D

Acq: 22 Mar 2024 19:39

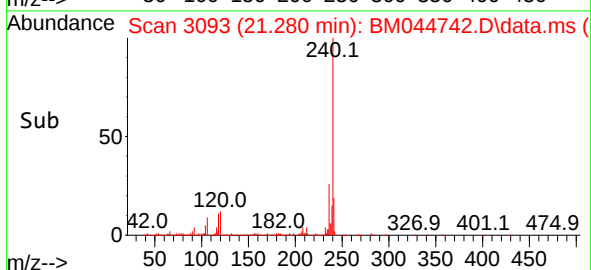
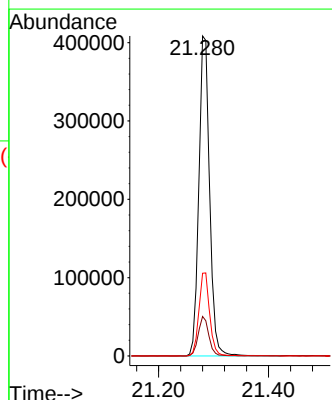
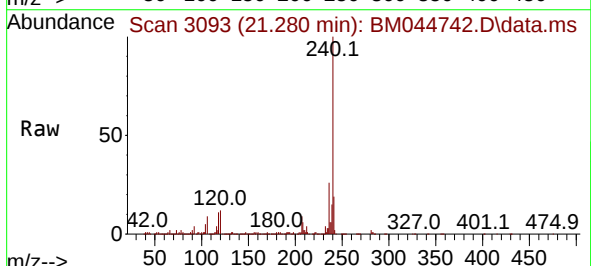
Tgt Ion:240 Resp: 556054

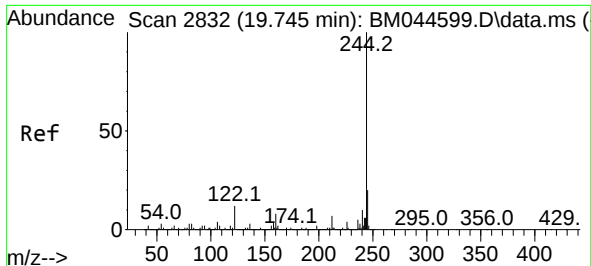
Ion Ratio Lower Upper

240 100

120 12.3 9.7 14.5

236 25.8 21.0 31.4

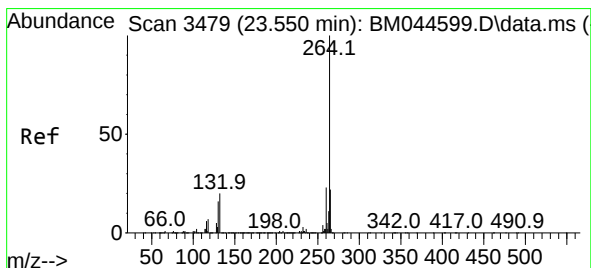
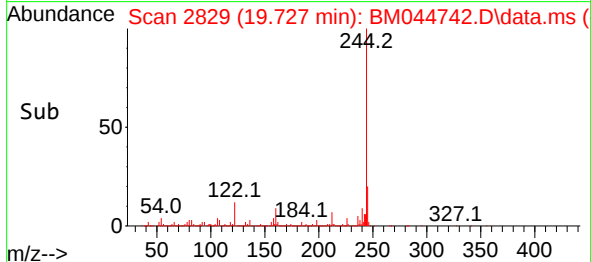
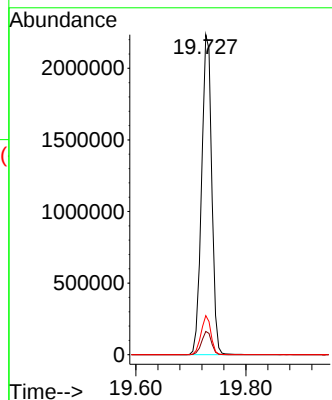
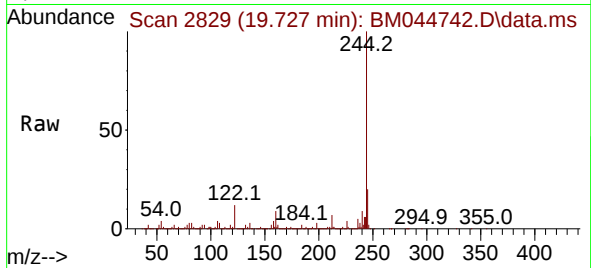




#79
Terphenyl-d14
Concen: 90.359 ng
RT: 19.727 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

Instrument :
BNA_M
ClientSampleId :
PB159737BL

Tgt Ion:244 Resp: 2872177
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: 23.521 min Scan# 3474
Delta R.T. -0.029 min
Lab File: BM044742.D
Acq: 22 Mar 2024 19:39

Tgt Ion:264 Resp: 651663
Ion Ratio Lower Upper
264 100
260 24.2 18.3 27.5
265 22.7 17.5 26.3

