

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
 Data File : BM044765.D
 Acq On : 26 Mar 2024 12:53
 Operator : MA/JU
 Sample : PB159773BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159773BL

Quant Time: Mar 26 13:21:47 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	226635	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	906933	20.000	ng	-0.02
39) Acenaphthene-d10	14.339	164	512596	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	1084708	20.000	ng	-0.01
76) Chrysene-d12	21.297	240	866878	20.000	ng	0.00
86) Perylene-d12	23.544	264	868713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1973619	125.033	ng	0.00
7) Phenol-d6	6.875	99	2411980	118.774	ng	0.00
23) Nitrobenzene-d5	8.851	82	1507238	80.063	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	798187	141.178	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2981679	80.110	ng	-0.01
79) Terphenyl-d14	19.745	244	4417924	89.153	ng	0.00

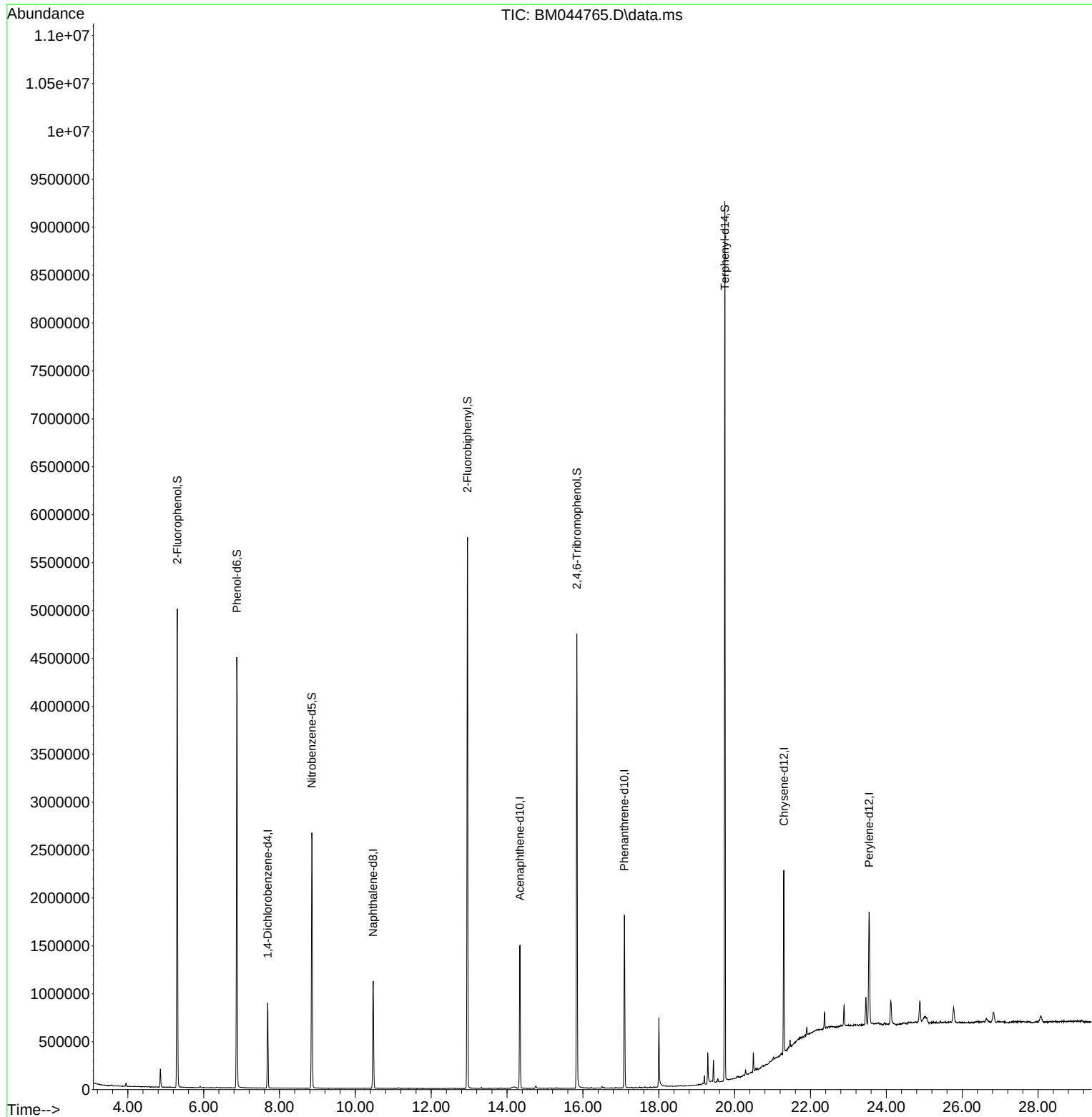
Target Compounds	Qvalue

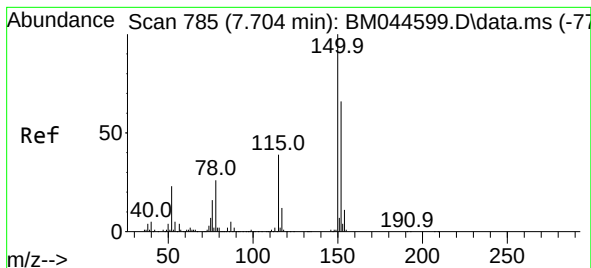
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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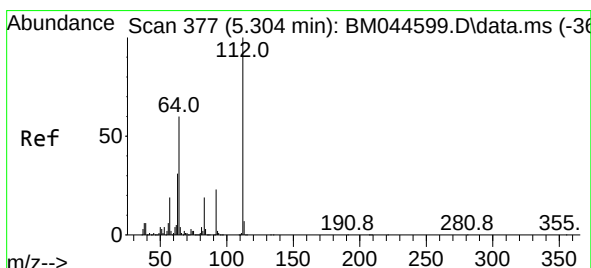
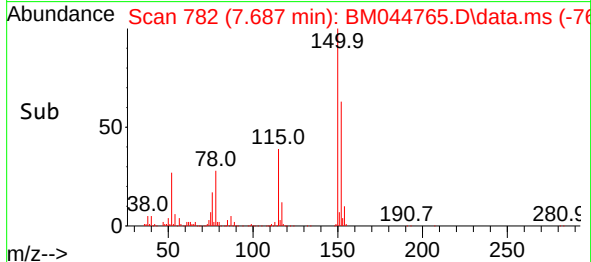
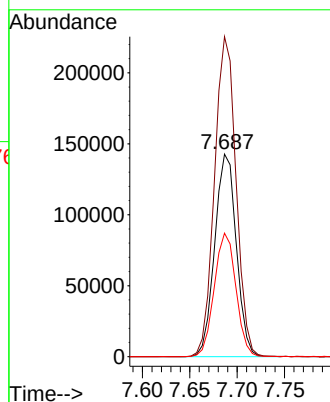
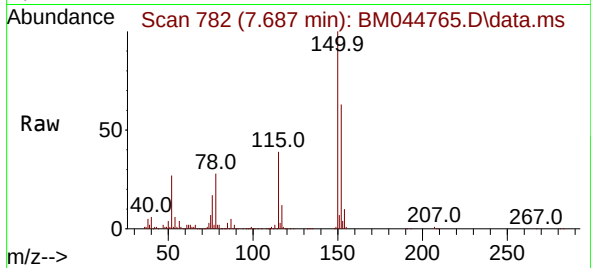




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044765.D
Acq: 26 Mar 2024 12:53

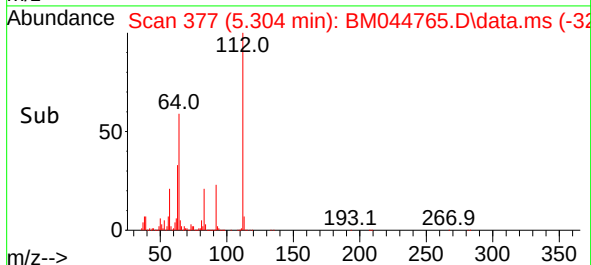
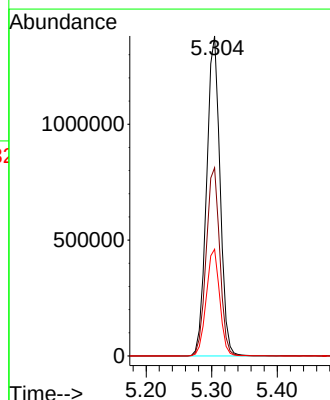
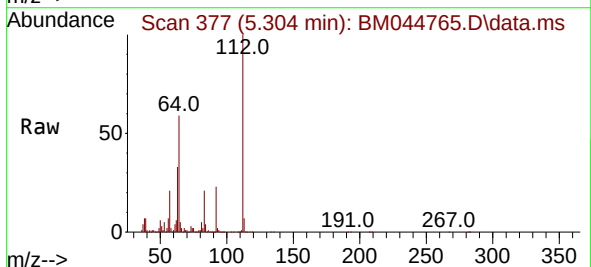
Instrument :
BNA_M
ClientSampleId :
PB159773BL

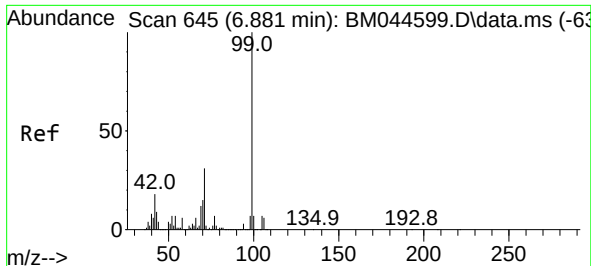
Tgt Ion:152 Resp: 226635
Ion Ratio Lower Upper
152 100
150 158.0 121.9 182.9
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 125.033 ng
RT: 5.304 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM044765.D
Acq: 26 Mar 2024 12:53

Tgt Ion:112 Resp: 1973619
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 33.4 25.0 37.4

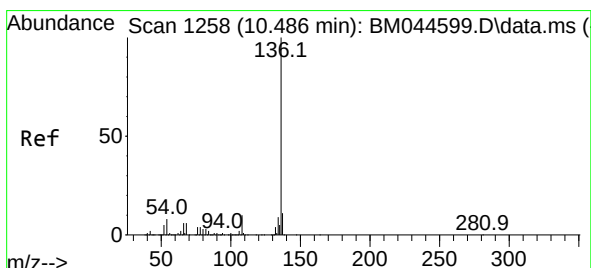
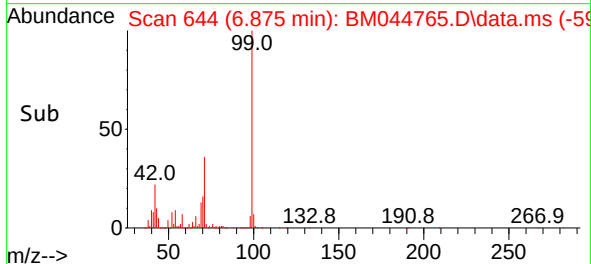
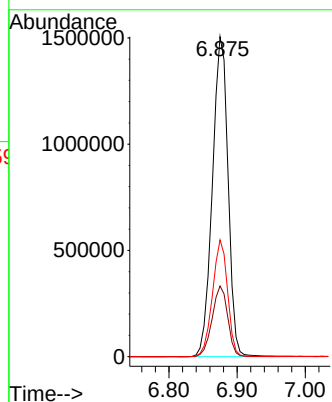
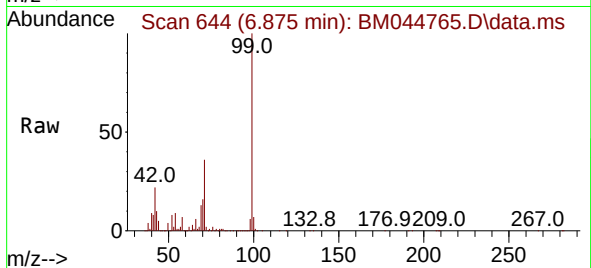




#7
Phenol-d6
Concen: 118.774 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044765.D
Acq: 26 Mar 2024 12:53

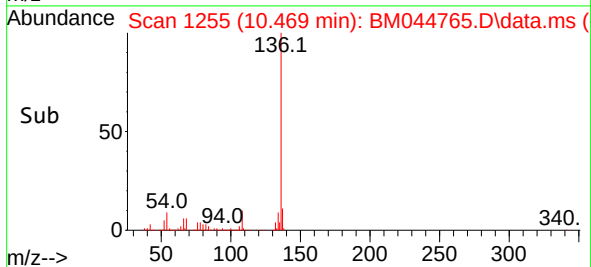
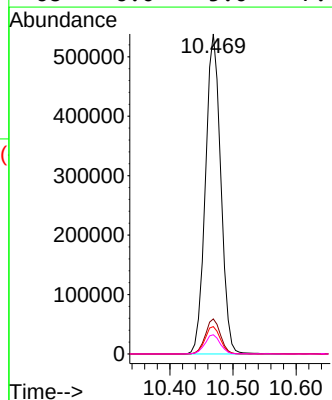
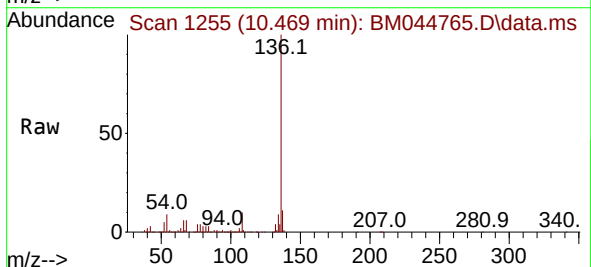
Instrument :
BNA_M
ClientSampleId :
PB159773BL

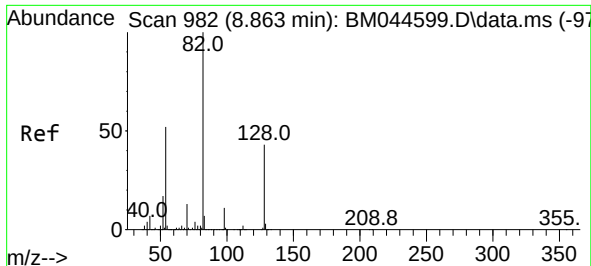
Tgt Ion: 99 Resp: 2411980
Ion Ratio Lower Upper
99 100
42 22.1 14.3 21.5#
71 36.5 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM044765.D
Acq: 26 Mar 2024 12:53

Tgt Ion:136 Resp: 906933
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.5 6.6 10.0
68 6.0 5.0 7.4

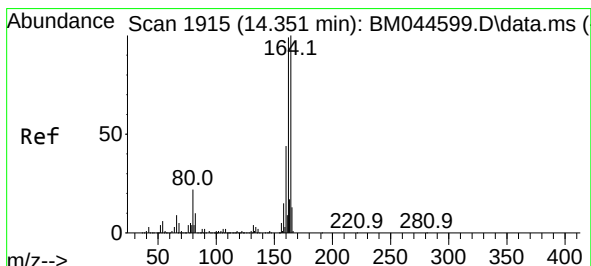
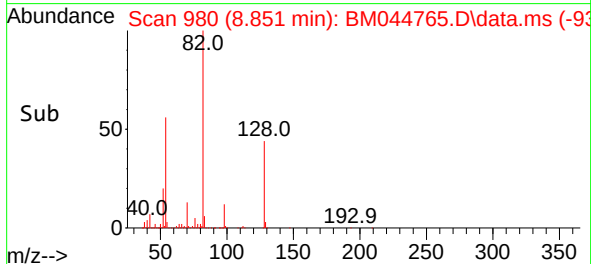
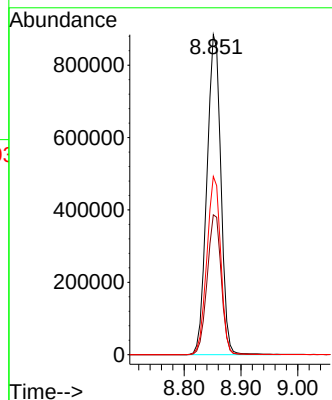
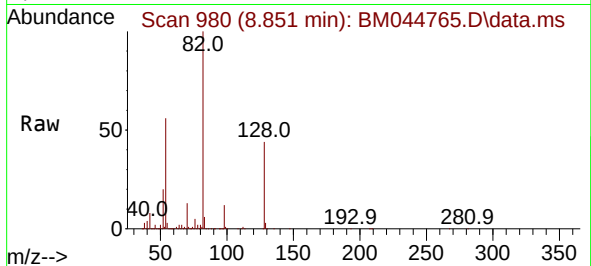




#23
Nitrobenzene-d5
Concen: 80.063 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044765.D
Acq: 26 Mar 2024 12:53

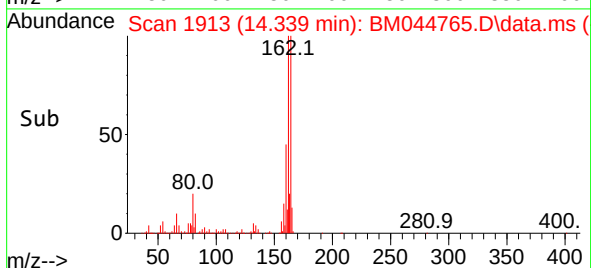
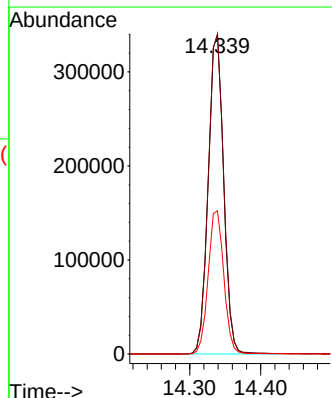
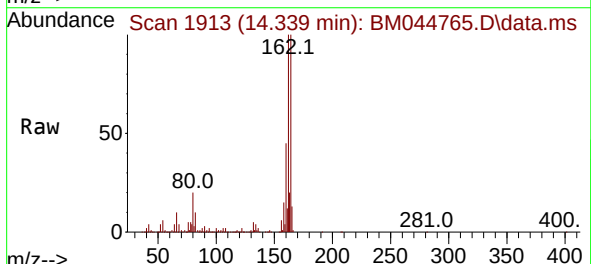
Instrument :
BNA_M
ClientSampleId :
PB159773BL

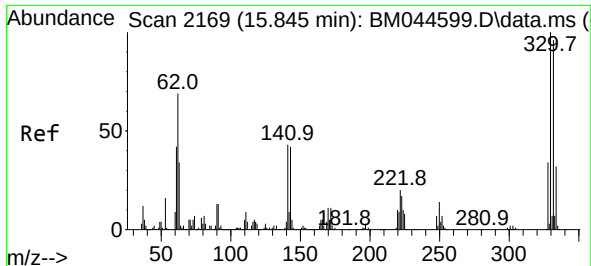
Tgt Ion: 82 Resp: 1507238
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 55.7 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BM044765.D
Acq: 26 Mar 2024 12:53

Tgt Ion:164 Resp: 512596
Ion Ratio Lower Upper
164 100
162 99.6 79.3 118.9
160 44.7 35.2 52.8

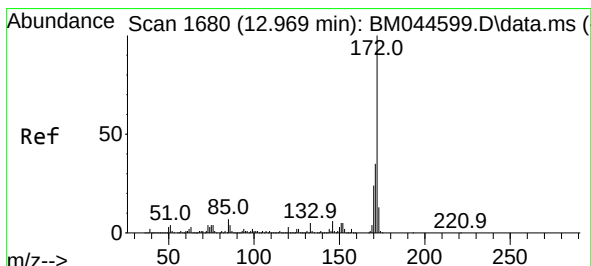
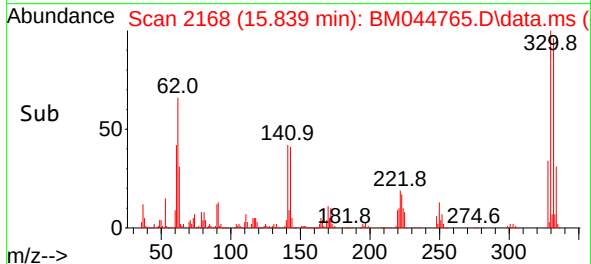
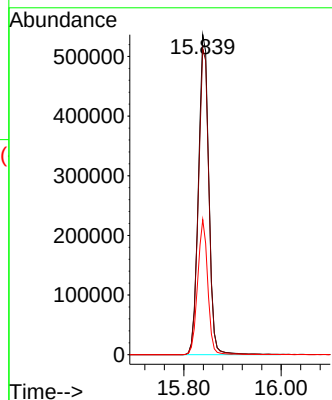
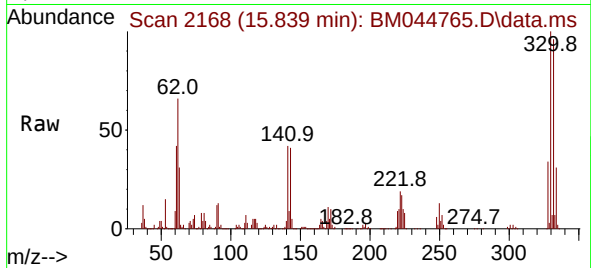




#42
2,4,6-Tribromophenol
Concen: 141.178 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM044765.D
Acq: 26 Mar 2024 12:53

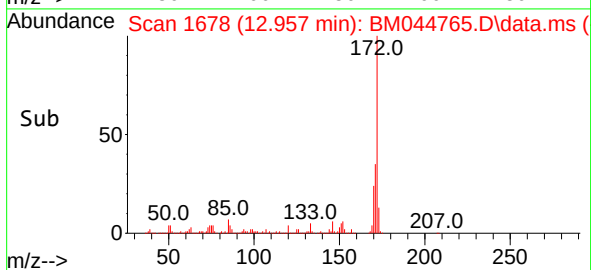
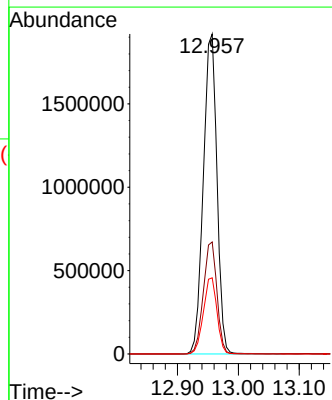
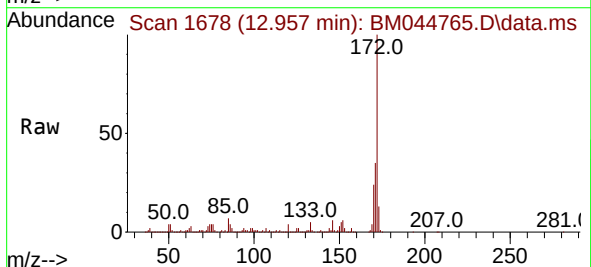
Instrument :
BNA_M
ClientSampleId :
PB159773BL

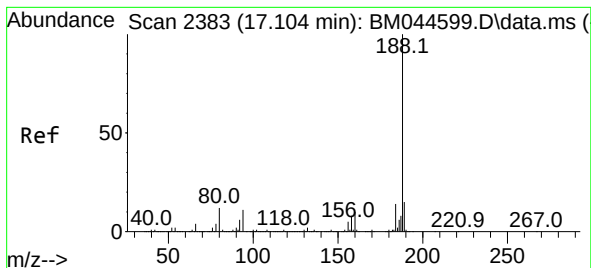
Tgt Ion:330 Resp: 798187
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 40.9 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 80.110 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BM044765.D
Acq: 26 Mar 2024 12:53

Tgt Ion:172 Resp: 2981679
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044765.D

Acq: 26 Mar 2024 12:53

Instrument :

BNA_M

ClientSampleId :

PB159773BL

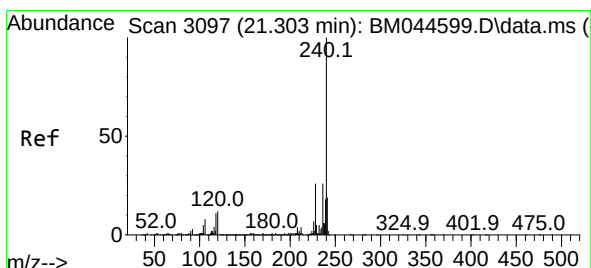
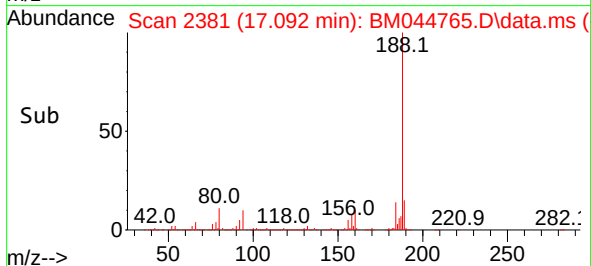
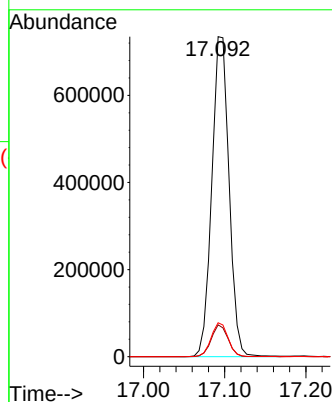
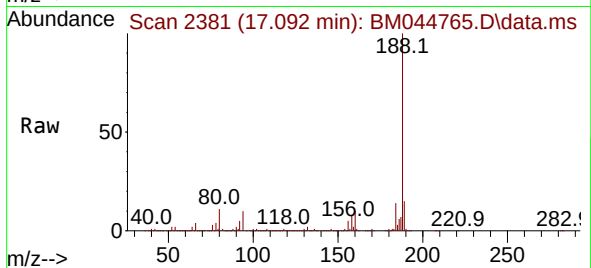
Tgt Ion:188 Resp: 1084708

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

80 10.6 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.297 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM044765.D

Acq: 26 Mar 2024 12:53

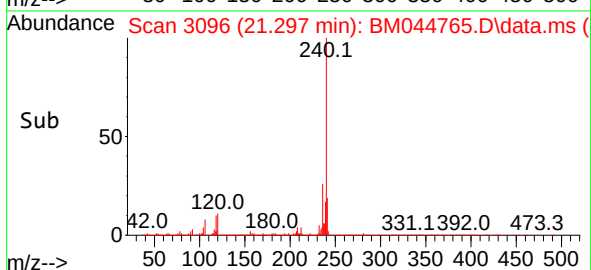
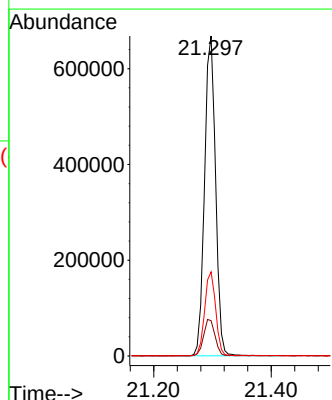
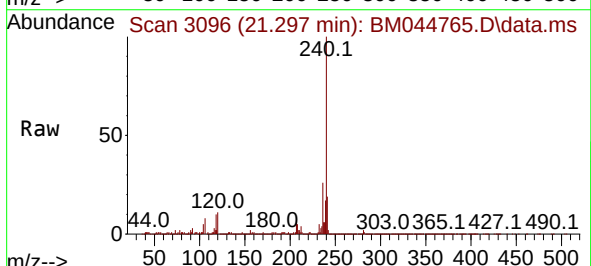
Tgt Ion:240 Resp: 866878

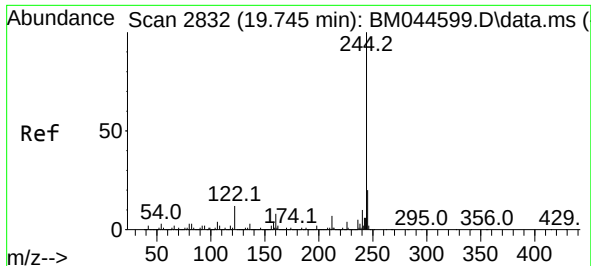
Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

236 26.3 21.0 31.4

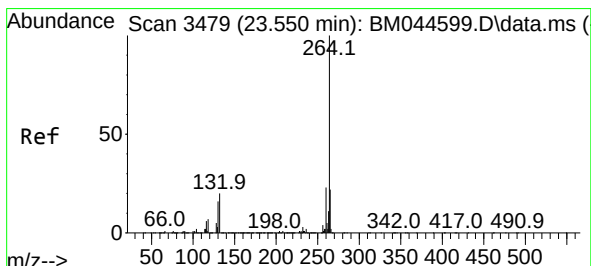
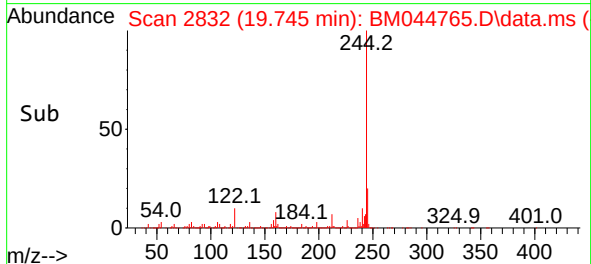
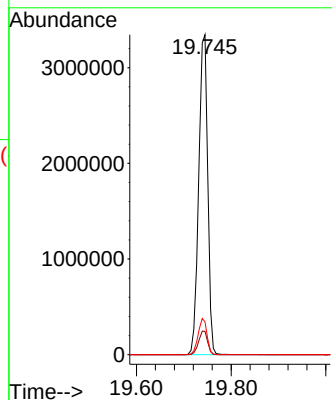
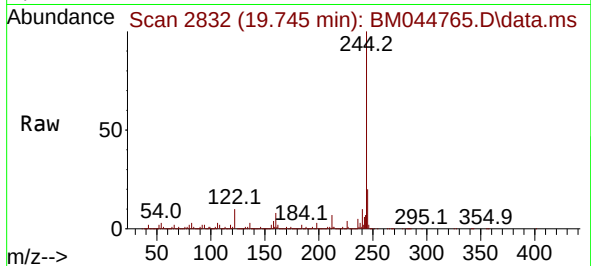




#79
 Terphenyl-d14
 Concen: 89.153 ng
 RT: 19.745 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044765.D
 Acq: 26 Mar 2024 12:53

Instrument :
 BNA_M
 ClientSampleId :
 PB159773BL

Tgt Ion:244 Resp: 4417924
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.2 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.544 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: BM044765.D
 Acq: 26 Mar 2024 12:53

Tgt Ion:264 Resp: 868713
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 22.3 17.5 26.3

