

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044604.D
Acq On : 13 Mar 2024 19:11
Operator : MA/JU
Sample : PB159533BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB159533BL

Quant Time: Mar 14 02:38:38 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	7.704	152	228640	20.000	ng	0.00
21) Naphthalene-d8	10.480	136	851314	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	455814	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	844279	20.000	ng	0.00
76) Chrysene-d12	21.297	240	692926	20.000	ng	0.00
86) Perylene-d12	23.544	264	841382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	2000737	125.639	ng	0.00
7) Phenol-d6	6.875	99	2427101	118.471	ng	0.00
23) Nitrobenzene-d5	8.863	82	1441267	81.561	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	609092	121.153	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2774378	83.826	ng	0.00
79) Terphenyl-d14	19.745	244	3399695	85.828	ng	0.00

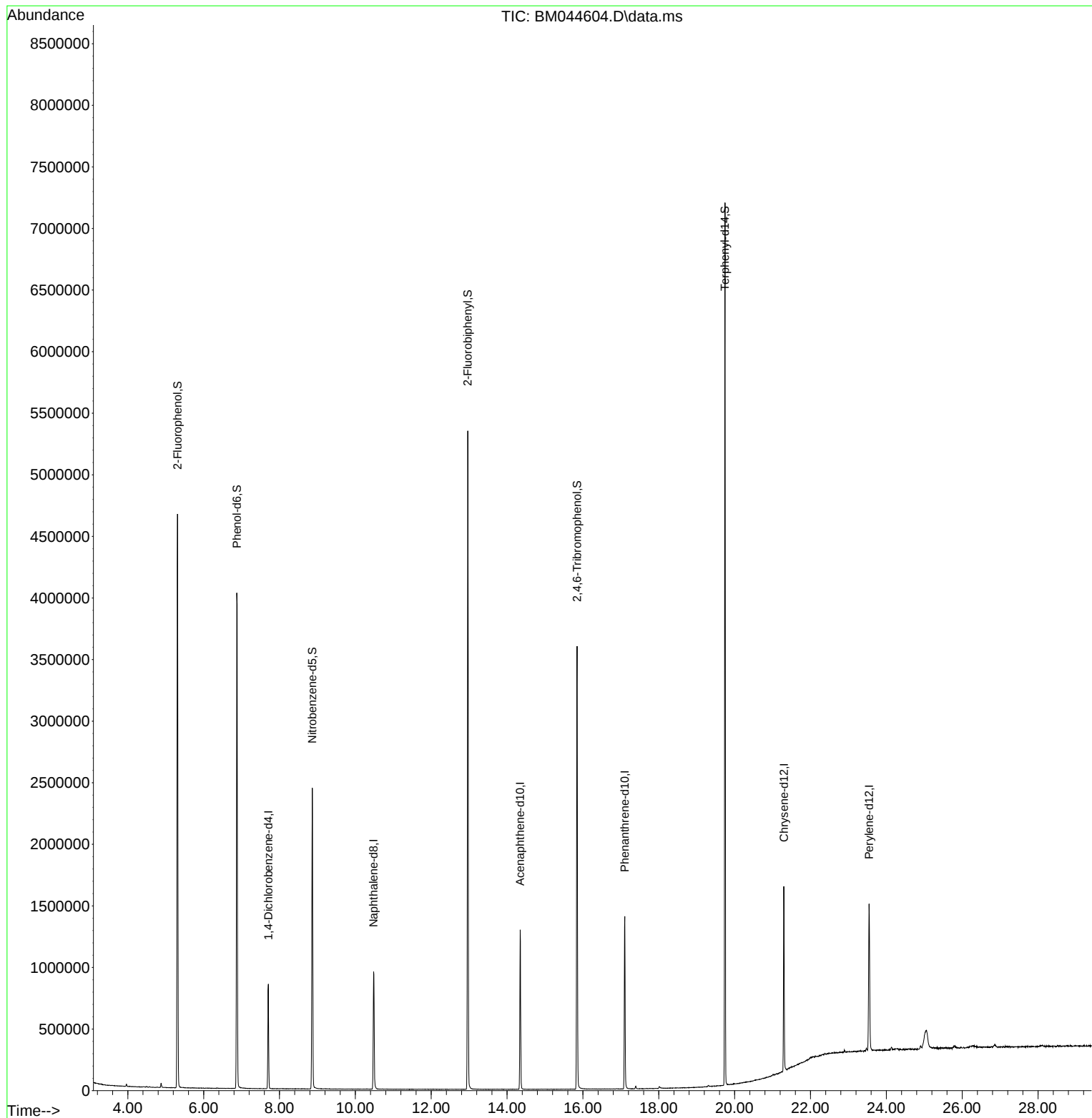
Target Compounds	Qvalue

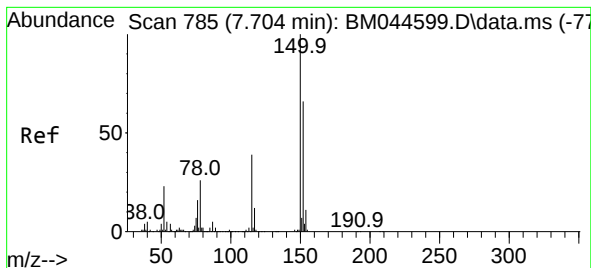
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.704 min Scan# 71

Delta R.T. 0.000 min

Lab File: BM044604.D

Acq: 13 Mar 2024 19:11

Instrument :

BNA_M

ClientSampleId :

PB159533BL

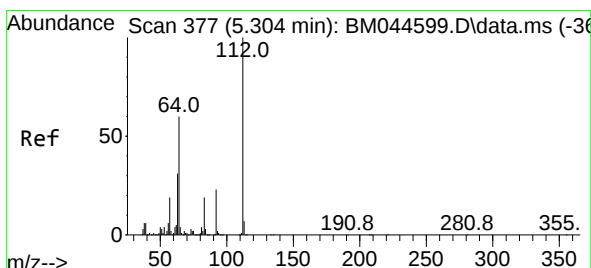
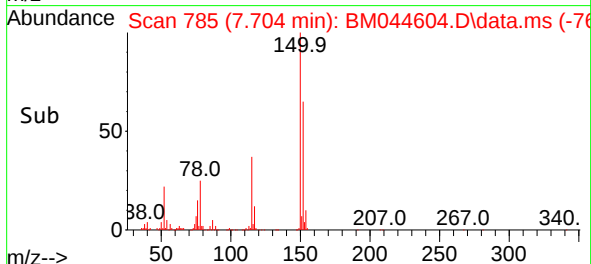
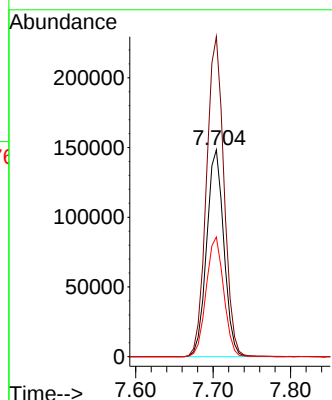
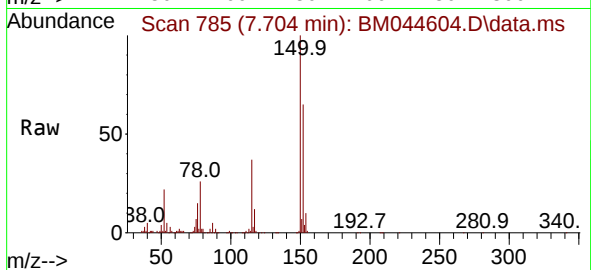
Tgt Ion:152 Resp: 228640

Ion Ratio Lower Upper

152 100

150 154.6 121.9 182.9

115 57.8 47.1 70.7



#5

2-Fluorophenol

Concen: 125.639 ng

RT: 5.310 min Scan# 378

Delta R.T. 0.006 min

Lab File: BM044604.D

Acq: 13 Mar 2024 19:11

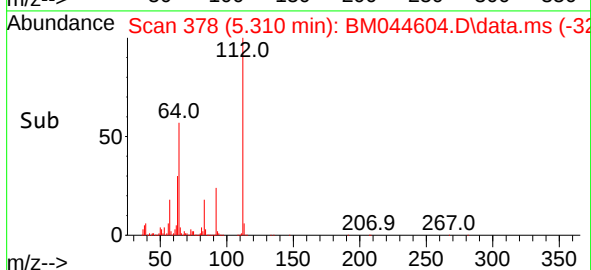
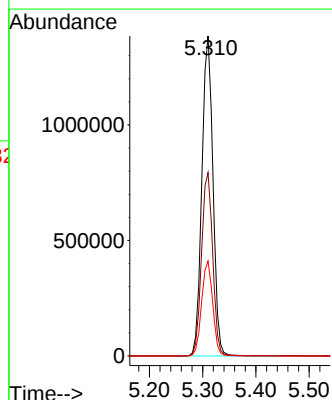
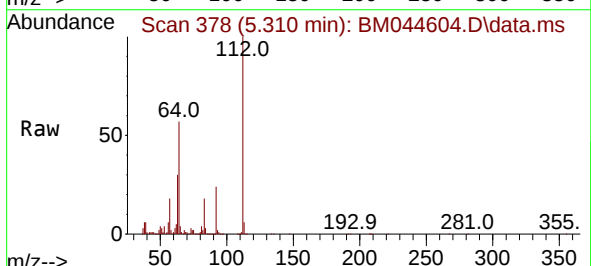
Tgt Ion:112 Resp: 2000737

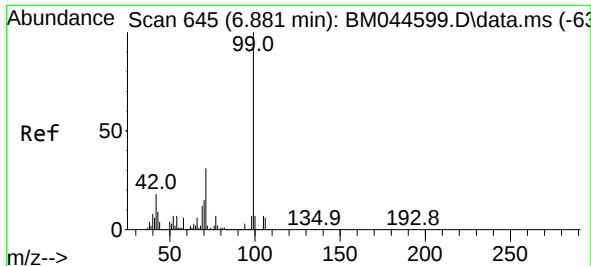
Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

63 29.6 25.0 37.4



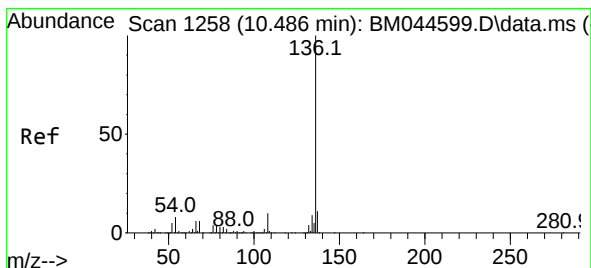
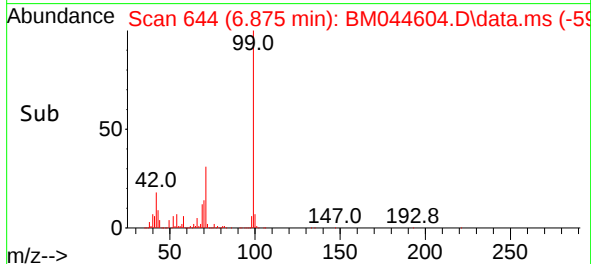
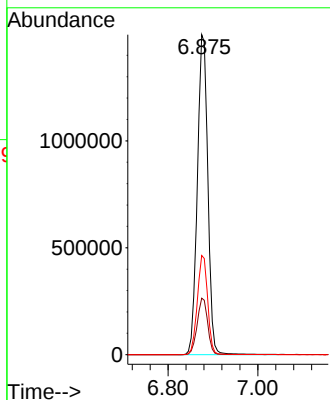
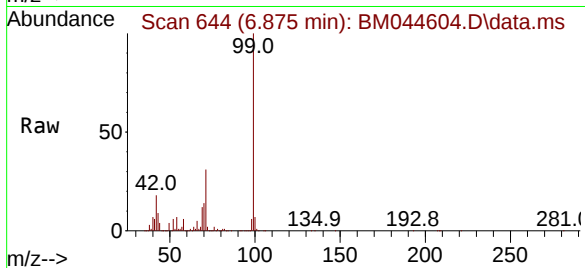


#7
Phenol-d6
Concen: 118.471 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044604.D
Acq: 13 Mar 2024 19:11

Instrument :
BNA_M
ClientSampleId :
PB159533BL

Tgt Ion: 99 Resp: 2427101

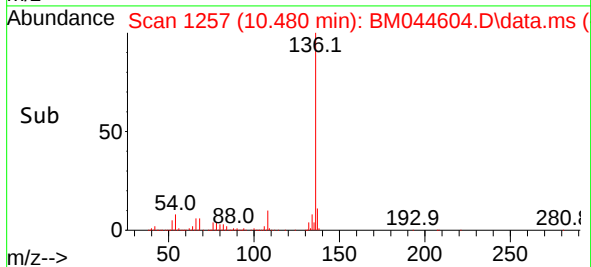
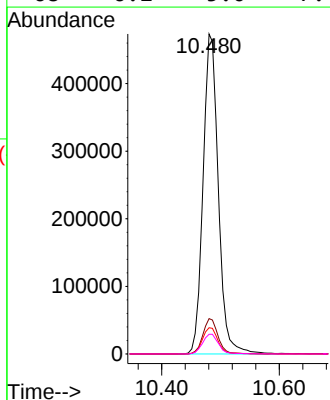
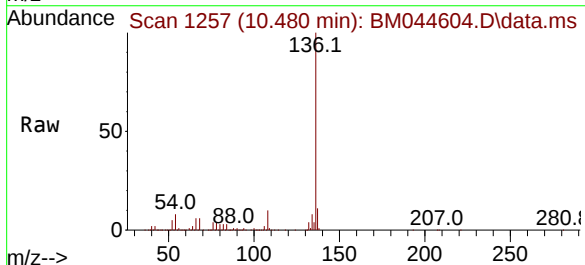
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.3	21.5
71	31.0	24.5	36.7

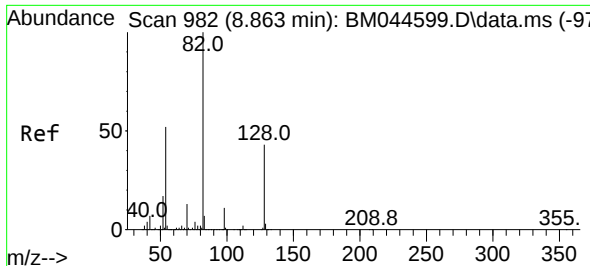


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.480 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM044604.D
Acq: 13 Mar 2024 19:11

Tgt Ion: 136 Resp: 851314

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	10.0
68	6.2	5.0	7.4

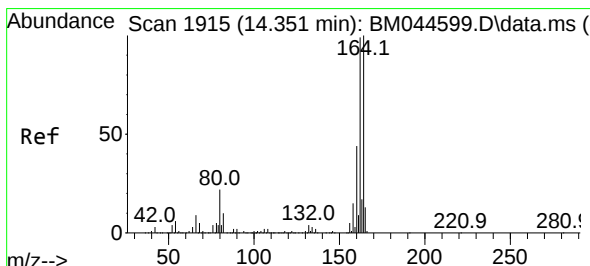
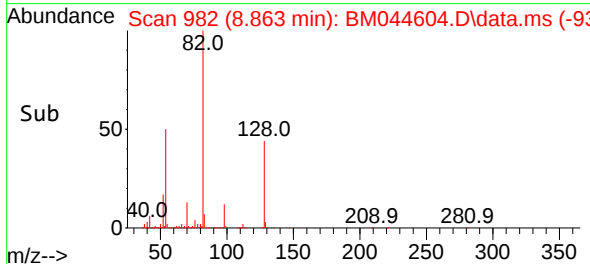
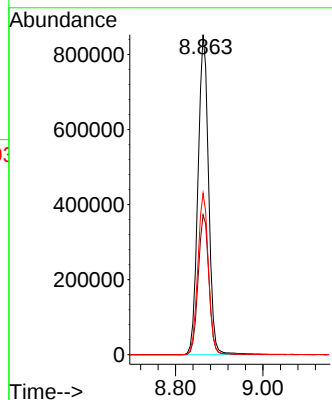
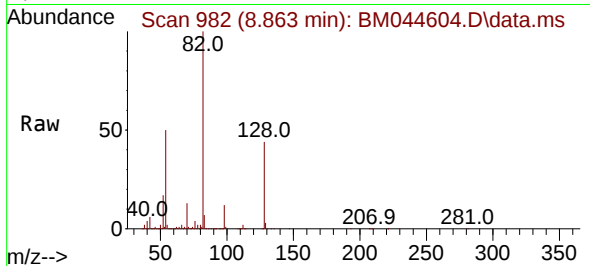




#23
 Nitrobenzene-d5
 Concen: 81.561 ng
 RT: 8.863 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BM044604.D
 Acq: 13 Mar 2024 19:11

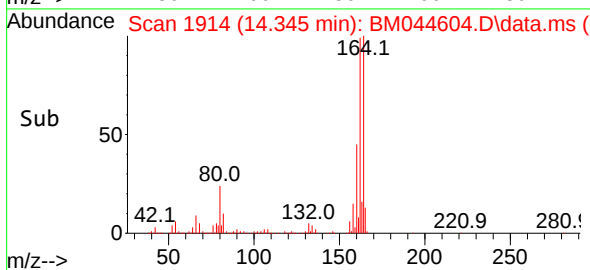
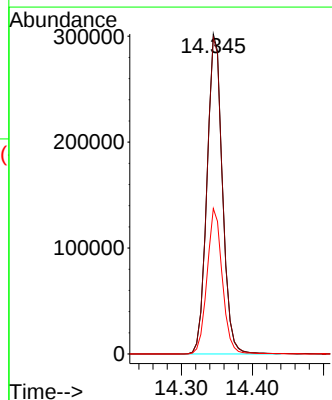
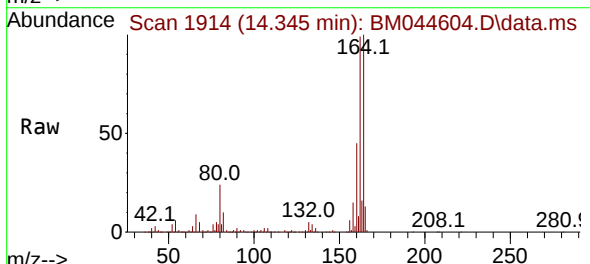
Instrument :
 BNA_M
 ClientSampleId :
 PB159533BL

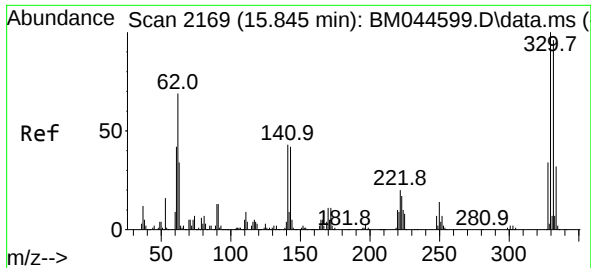
Tgt Ion: 82 Resp: 1441267
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.2 51.4
 54 50.4 41.3 61.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BM044604.D
 Acq: 13 Mar 2024 19:11

Tgt Ion: 164 Resp: 455814
 Ion Ratio Lower Upper
 164 100
 162 98.8 79.3 118.9
 160 45.5 35.2 52.8

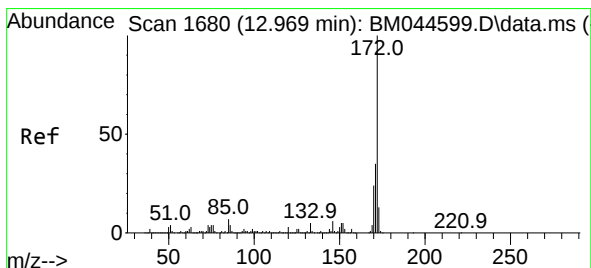
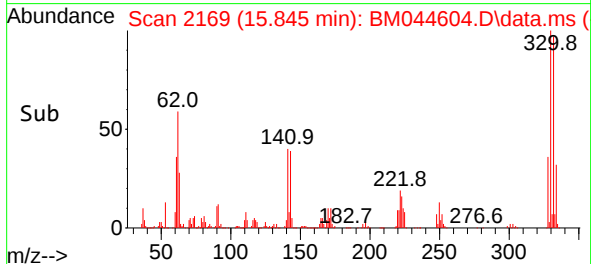
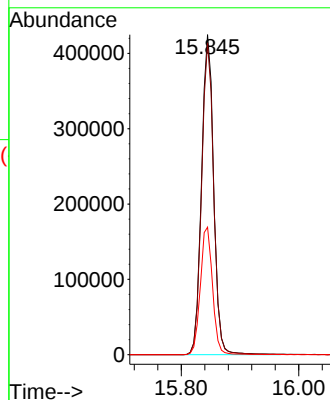
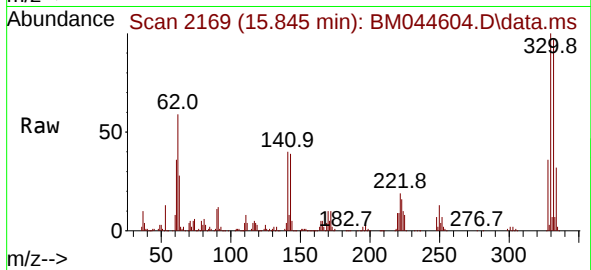




#42
2,4,6-Tribromophenol
Concen: 121.153 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM044604.D
Acq: 13 Mar 2024 19:11

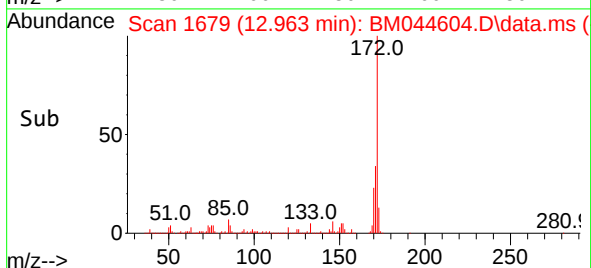
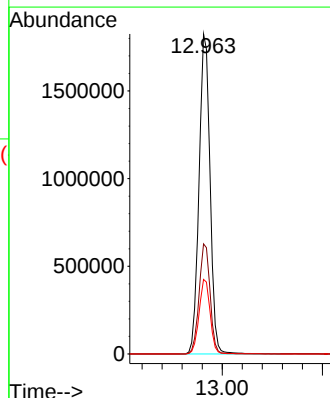
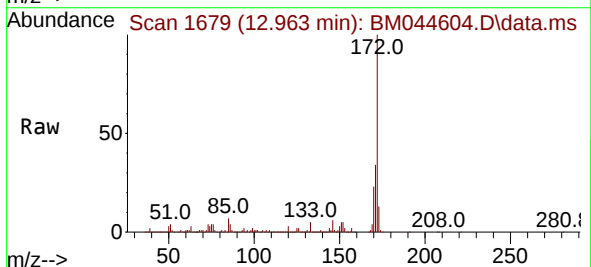
Instrument :
BNA_M
ClientSampleId :
PB159533BL

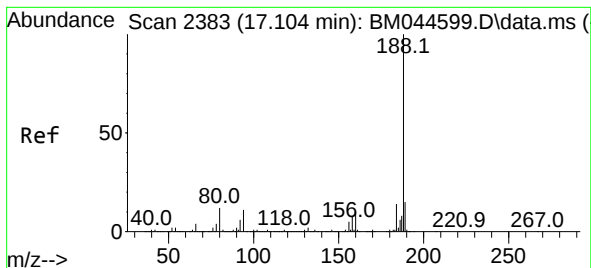
Tgt Ion:330 Resp: 609092
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 40.1 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 83.826 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BM044604.D
Acq: 13 Mar 2024 19:11

Tgt Ion:172 Resp: 2774378
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044604.D

Acq: 13 Mar 2024 19:11

Instrument :

BNA_M

ClientSampleId :

PB159533BL

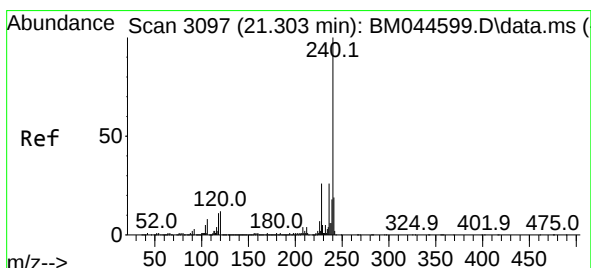
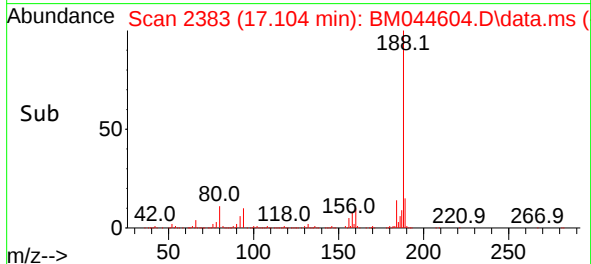
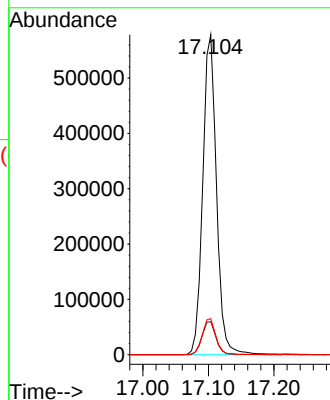
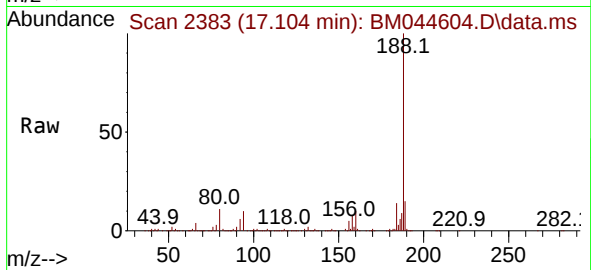
Tgt Ion:188 Resp: 844279

Ion Ratio Lower Upper

188 100

94 10.3 8.4 12.6

80 11.3 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: BM044604.D

Acq: 13 Mar 2024 19:11

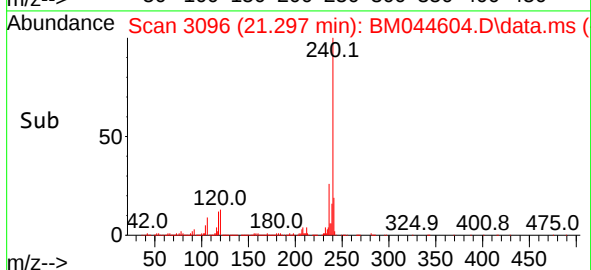
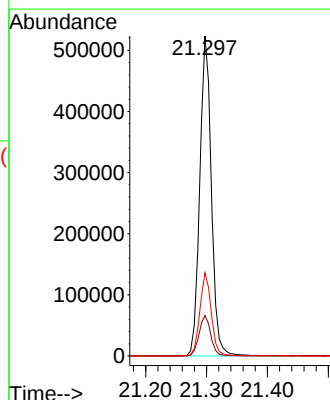
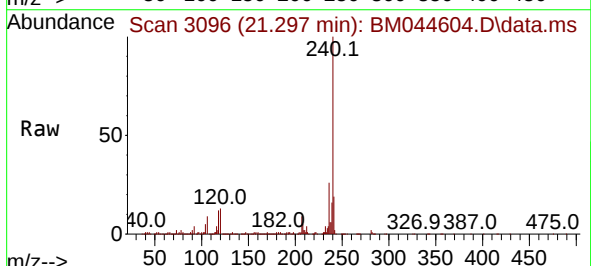
Tgt Ion:240 Resp: 692926

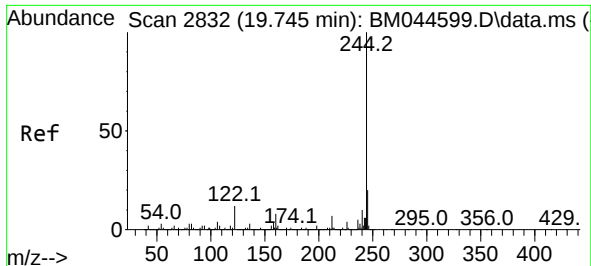
Ion Ratio Lower Upper

240 100

120 12.6 9.7 14.5

236 26.0 21.0 31.4

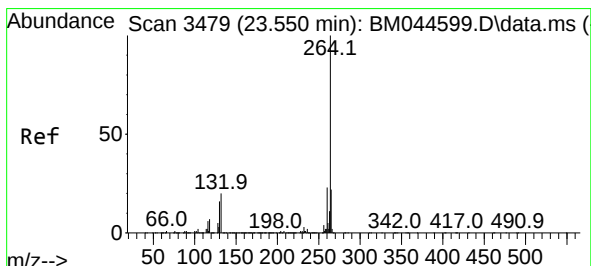
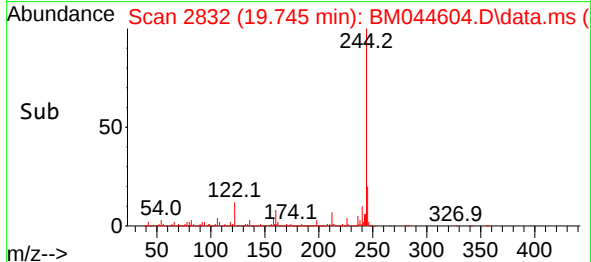
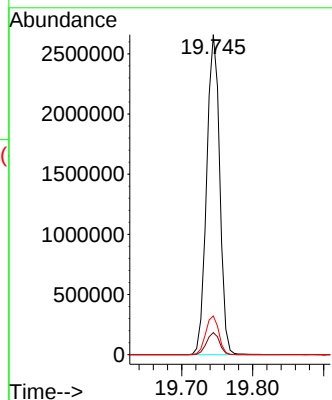
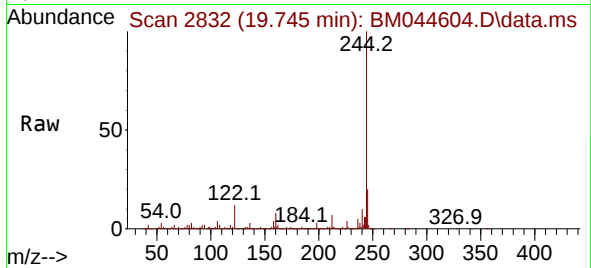




#79
 Terphenyl-d14
 Concen: 85.828 ng
 RT: 19.745 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM044604.D
 Acq: 13 Mar 2024 19:11

Instrument :
 BNA_M
 ClientSampleId :
 PB159533BL

Tgt Ion:244 Resp: 3399695
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.1 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: BM044604.D
 Acq: 13 Mar 2024 19:11

Tgt Ion:264 Resp: 841382
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 22.2 17.5 26.3

