

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036143.D
 Acq On : 08 Aug 2022 12:03
 Operator : CG/JU
 Sample : PB146780BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146780BL

Quant Time: Aug 08 23:31:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	304227	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1281976	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	764577	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1480179	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1149893	20.000	ng	0.00
86) Perylene-d12	23.786	264	1109731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2609962	139.088	ng	0.02
7) Phenol-d6	7.069	99	3225843	135.103	ng	0.04
23) Nitrobenzene-d5	9.022	82	2023946	88.375	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1199374	133.717	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	4656058	89.913	ng	0.00
79) Terphenyl-d14	19.868	244	6125090	105.065	ng	0.00

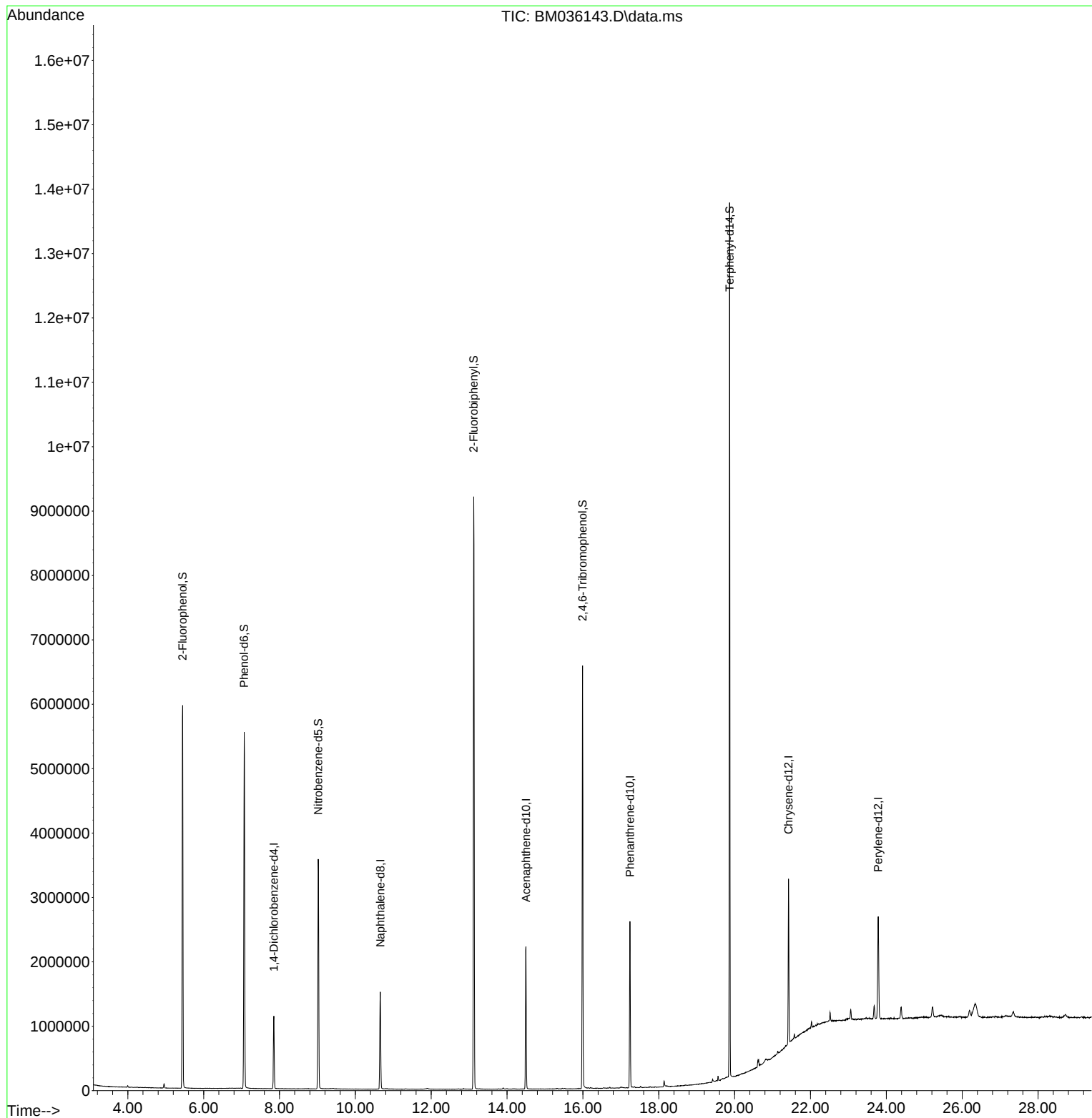
Target Compounds	Qvalue

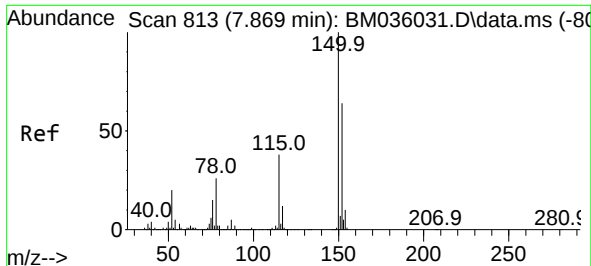
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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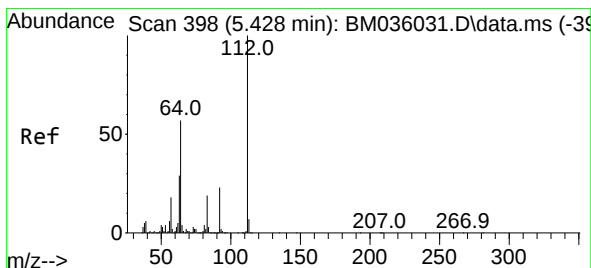
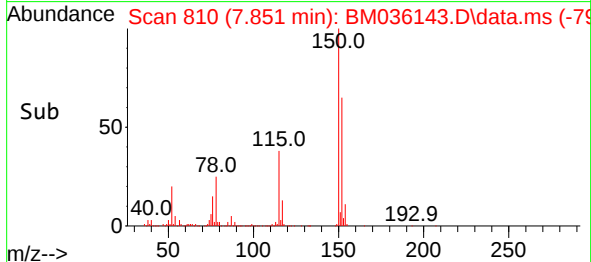
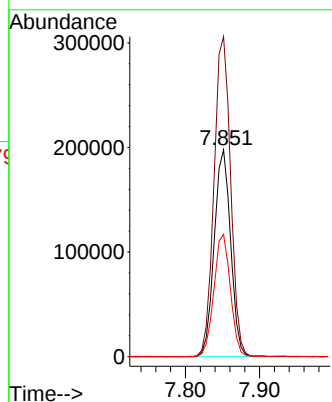
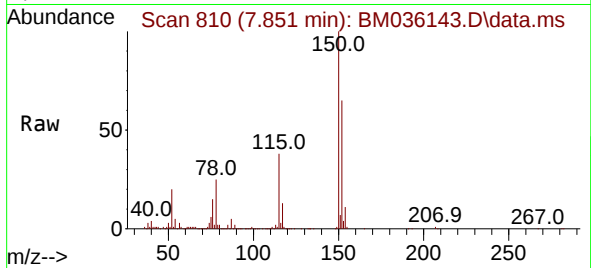




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036143.D
Acq: 08 Aug 2022 12:03

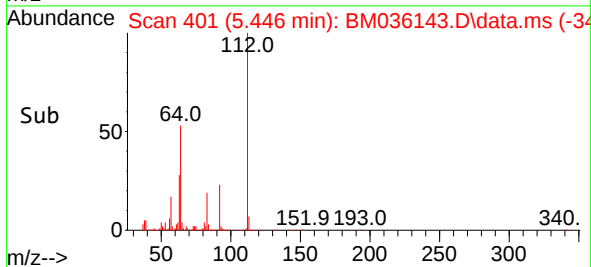
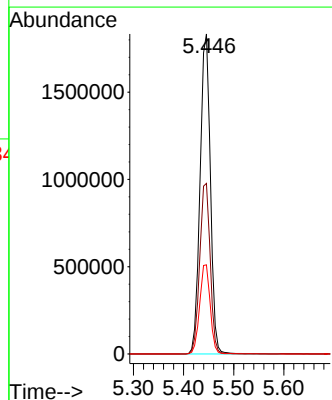
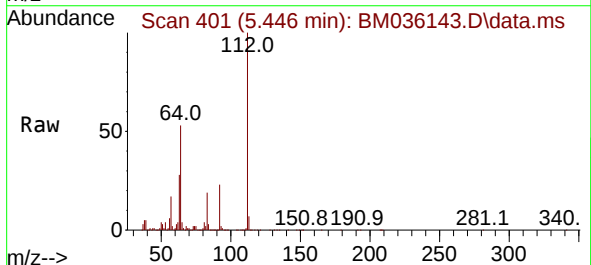
Instrument :
BNA_M
ClientSampleId :
PB146780BL

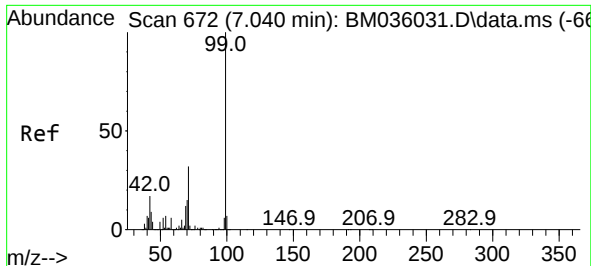
Tgt Ion:152 Resp: 304227
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 59.1 47.9 71.9



#5
2-Fluorophenol
Concen: 139.088 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036143.D
Acq: 08 Aug 2022 12:03

Tgt Ion:112 Resp: 2609962
Ion Ratio Lower Upper
112 100
64 53.3 47.8 71.6
63 27.9 26.6 40.0

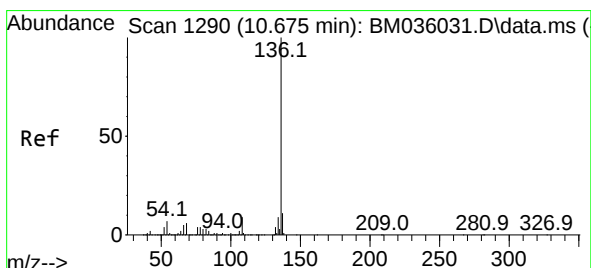
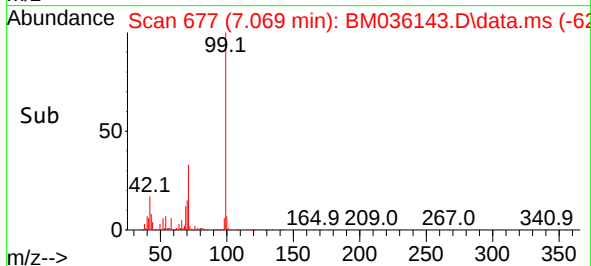
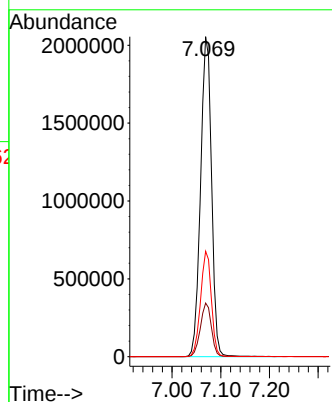
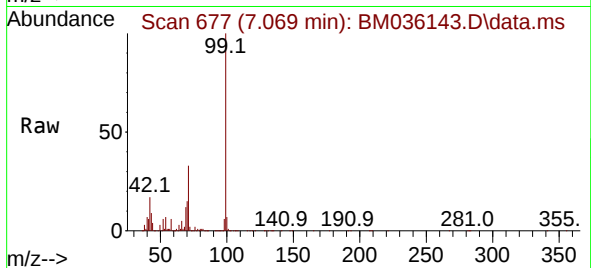




#7
Phenol-d6
Concen: 135.103 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036143.D
Acq: 08 Aug 2022 12:03

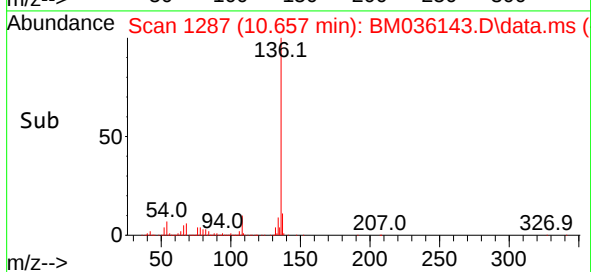
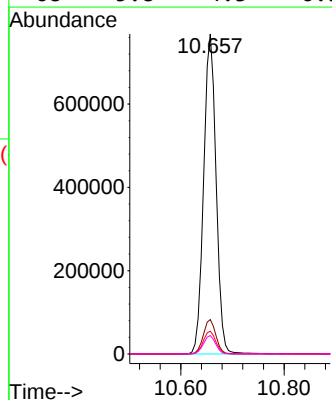
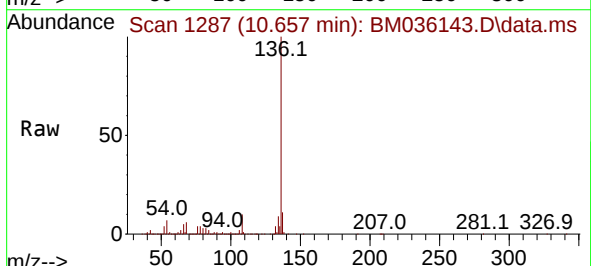
Instrument :
BNA_M
ClientSampleId :
PB146780BL

Tgt Ion: 99 Resp: 3225843
Ion Ratio Lower Upper
99 100
42 16.7 18.8 28.2#
71 32.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036143.D
Acq: 08 Aug 2022 12:03

Tgt Ion: 136 Resp: 1281976
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.1 7.0 10.4
68 5.8 4.3 6.5

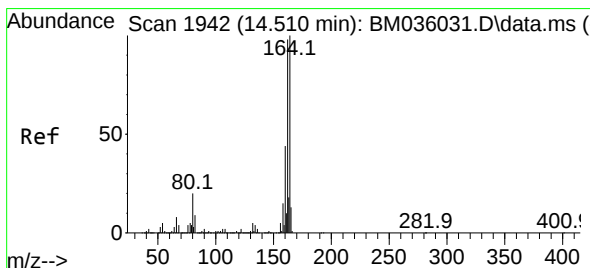
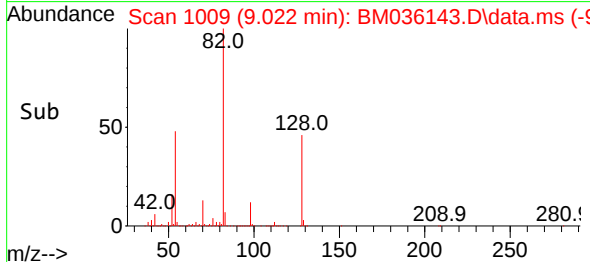
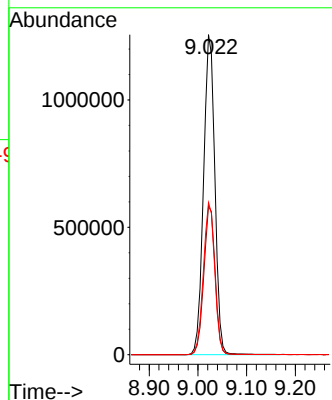
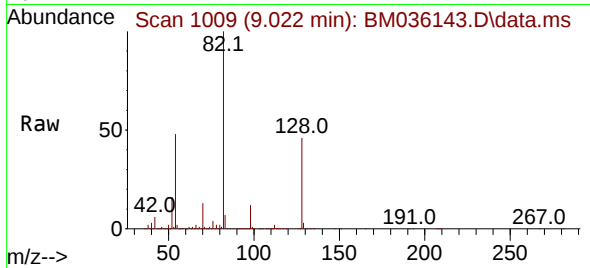




#23
Nitrobenzene-d5
Concen: 88.375 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM036143.D
Acq: 08 Aug 2022 12:03

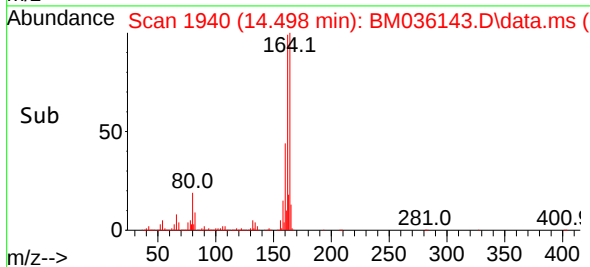
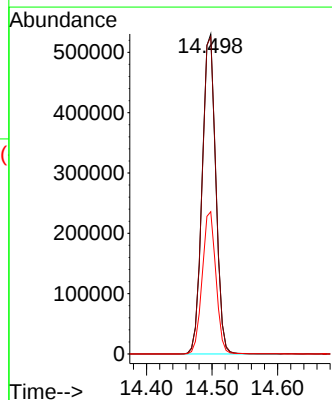
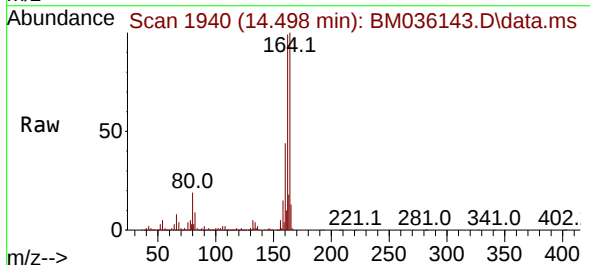
Instrument :
BNA_M
ClientSampleId :
PB146780BL

Tgt Ion: 82 Resp: 2023946
Ion Ratio Lower Upper
82 100
128 46.4 33.7 50.5
54 47.5 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036143.D
Acq: 08 Aug 2022 12:03

Tgt Ion: 164 Resp: 764577
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.6
160 44.4 37.0 55.4

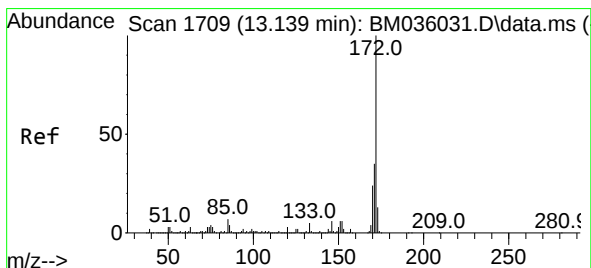
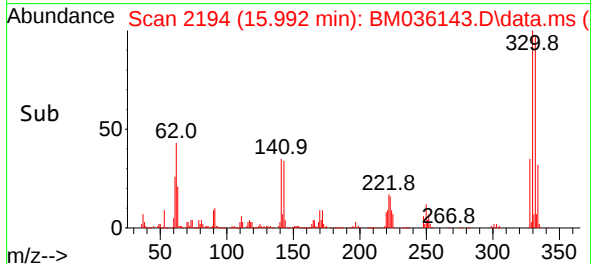
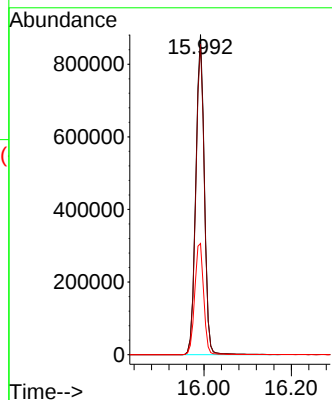
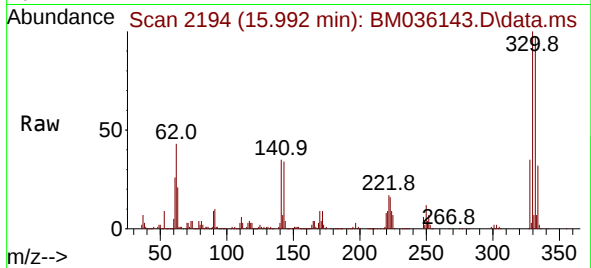




#42
2,4,6-Tribromophenol
Concen: 133.717 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036143.D
Acq: 08 Aug 2022 12:03

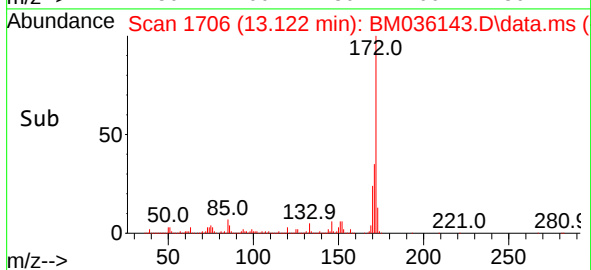
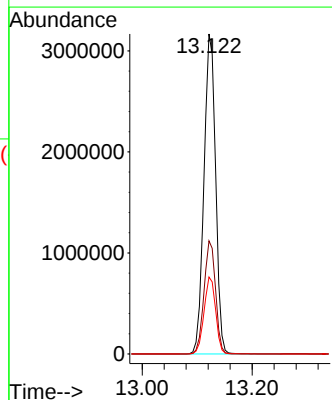
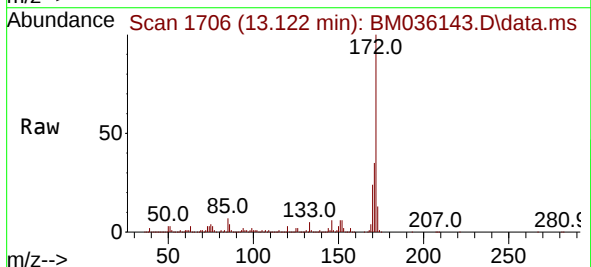
Instrument :
BNA_M
ClientSampleId :
PB146780BL

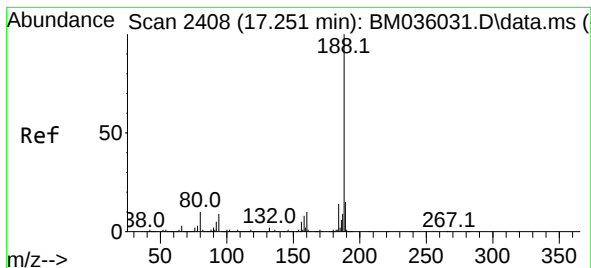
Tgt Ion:330 Resp: 1199374
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 36.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 89.913 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036143.D
Acq: 08 Aug 2022 12:03

Tgt Ion:172 Resp: 4656058
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM036143.D

Acq: 08 Aug 2022 12:03

Instrument :

BNA_M

ClientSampleId :

PB146780BL

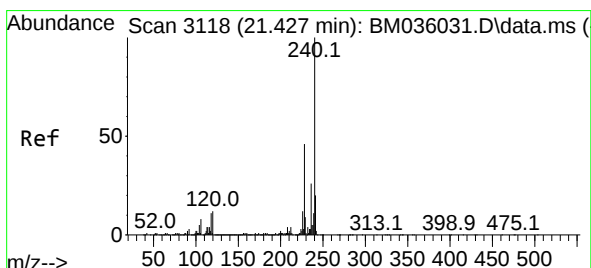
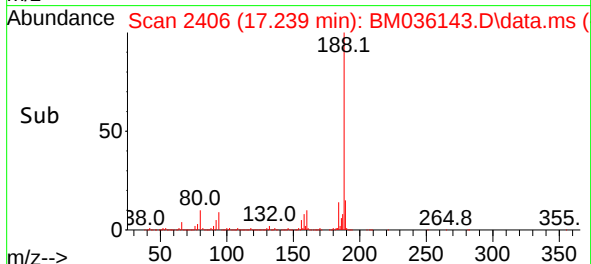
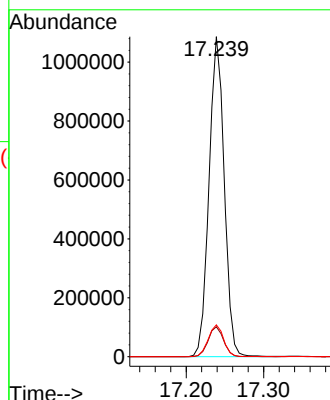
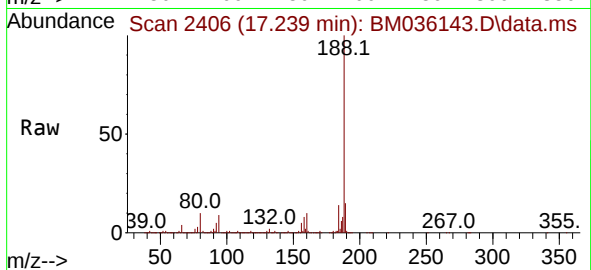
Tgt Ion:188 Resp: 1480179

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 9.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM036143.D

Acq: 08 Aug 2022 12:03

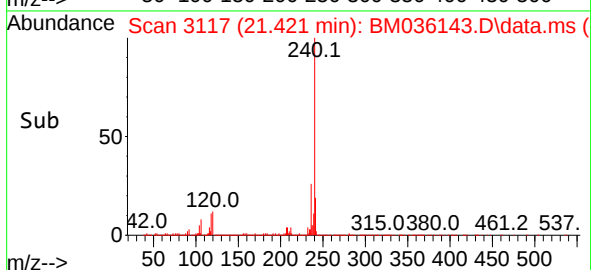
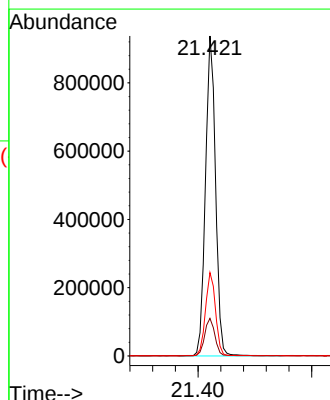
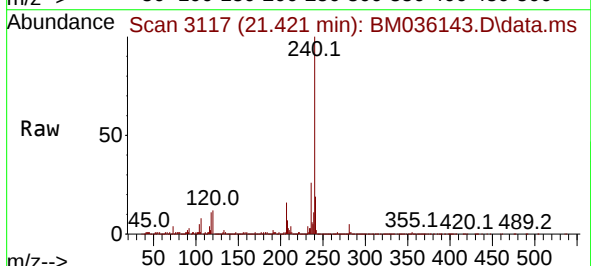
Tgt Ion:240 Resp: 1149893

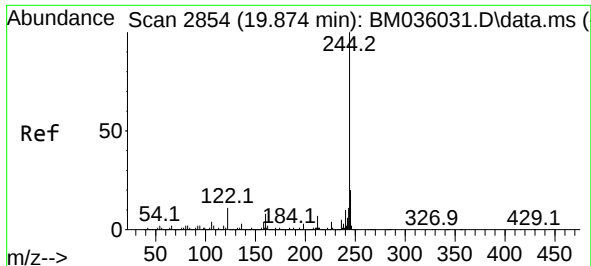
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.0

236 26.1 20.6 30.8

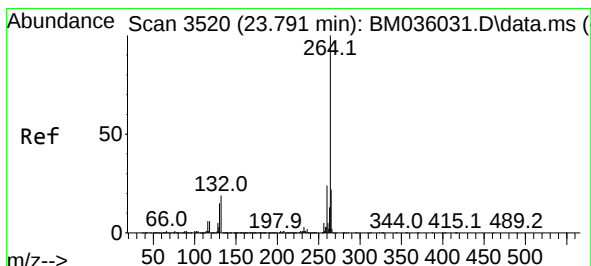
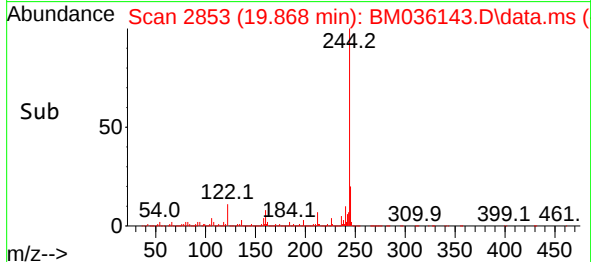
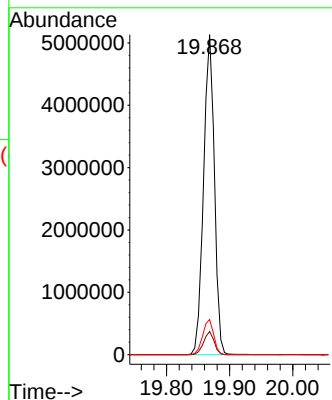
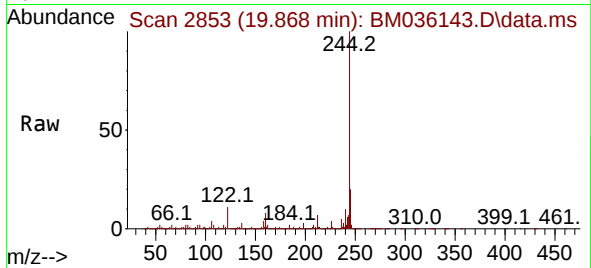




#79
 Terphenyl-d14
 Concen: 105.065 ng
 RT: 19.868 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036143.D
 Acq: 08 Aug 2022 12:03

Instrument :
 BNA_M
 ClientSampleId :
 PB146780BL

Tgt Ion:244 Resp: 6125090
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 11.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.786 min Scan# 3519
 Delta R.T. 0.000 min
 Lab File: BM036143.D
 Acq: 08 Aug 2022 12:03

Tgt Ion:264 Resp: 1109731
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.9 17.5 26.3

