

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
 Data File : BM036084.D
 Acq On : 03 Aug 2022 18:54
 Operator : CG/JU
 Sample : N3998-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ST-1

Quant Time: Aug 04 01:31:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:50:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	149742	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	709731	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	490057	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1118229	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1326538	20.000	ng	0.00
86) Perylene-d12	23.791	264	1573206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1184185	128.212	ng	0.00
7) Phenol-d6	7.034	99	1623890	138.176	ng	0.00
23) Nitrobenzene-d5	9.034	82	921771	72.701	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	778009	135.329	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2173454	65.483	ng	0.00
79) Terphenyl-d14	19.868	244	3828370	56.924	ng	0.00

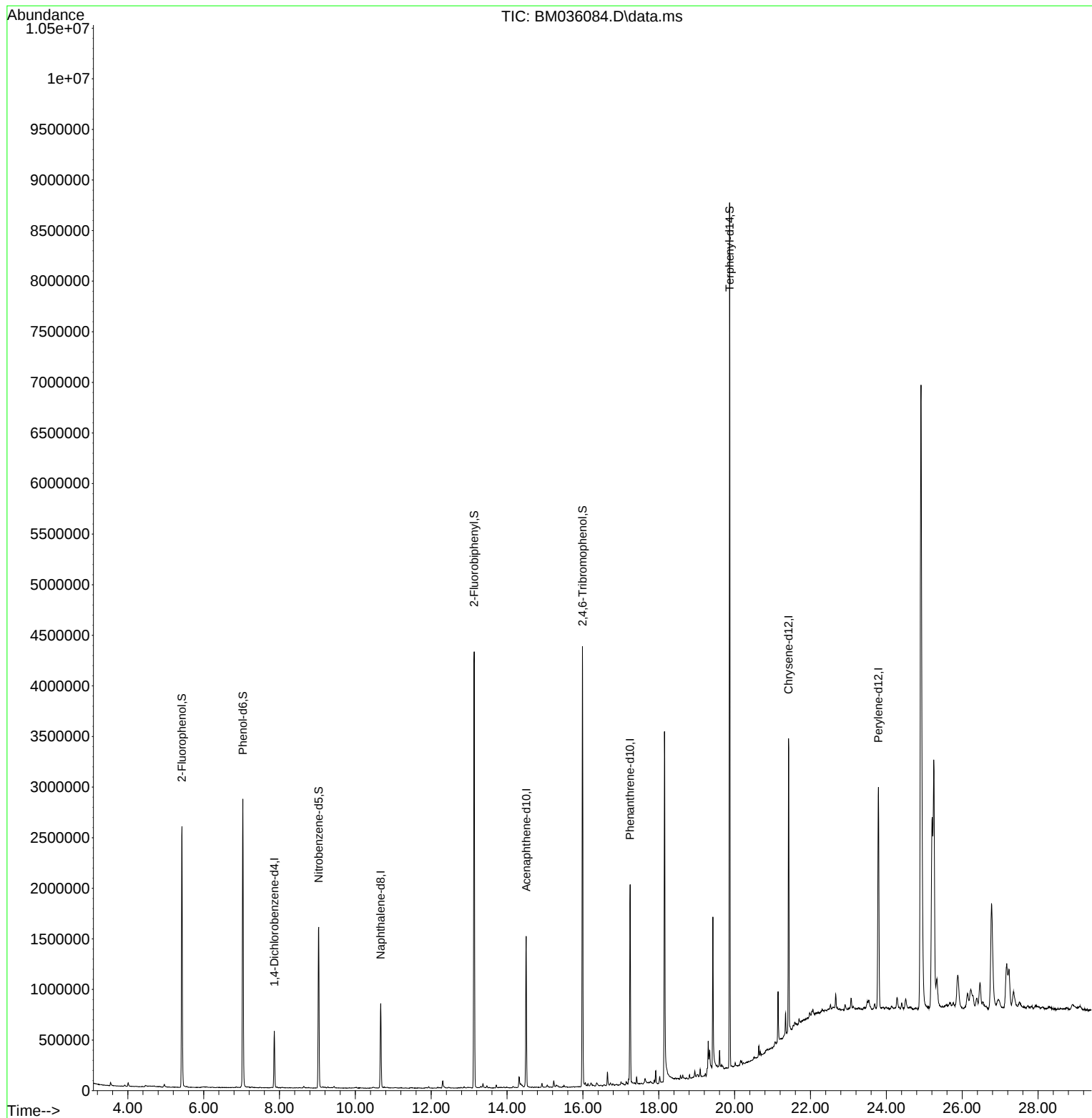
Target Compounds	Qvalue

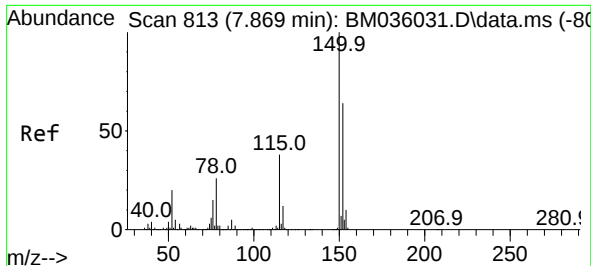
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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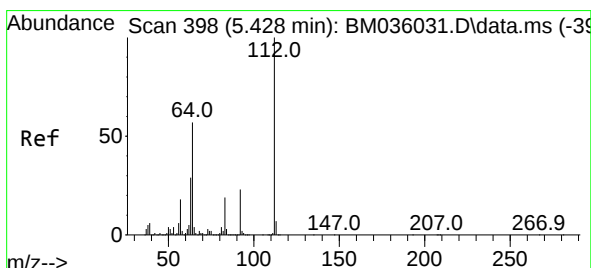
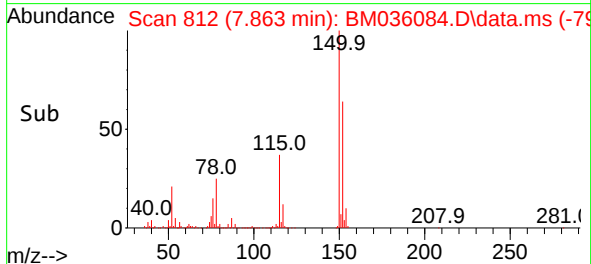
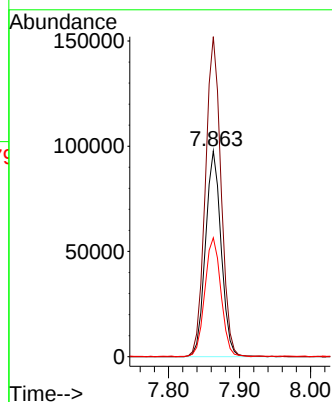
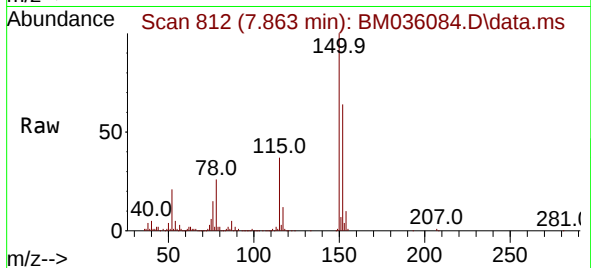




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM036084.D
Acq: 03 Aug 2022 18:54

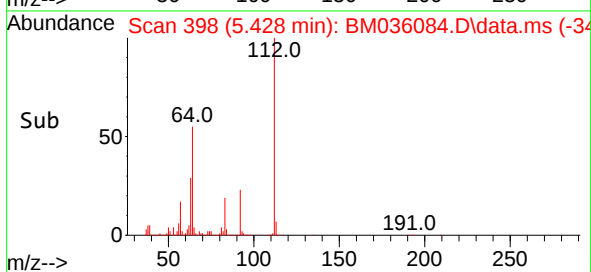
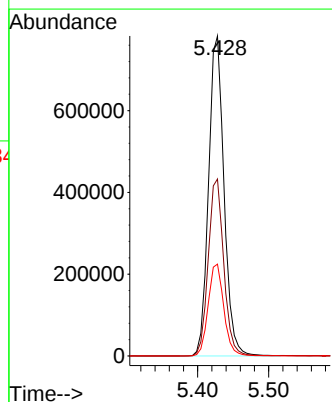
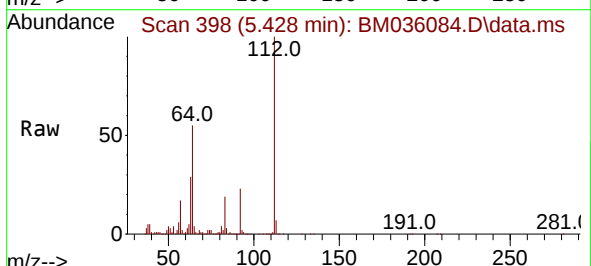
Instrument :
BNA_M
ClientSampleId :
ST-1

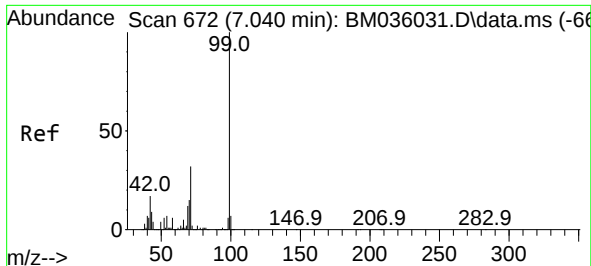
Tgt Ion:152 Resp: 149742
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 57.8 47.9 71.9



#5
2-Fluorophenol
Concen: 128.212 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM036084.D
Acq: 03 Aug 2022 18:54

Tgt Ion:112 Resp: 1184185
Ion Ratio Lower Upper
112 100
64 55.3 47.8 71.6
63 28.7 26.6 40.0

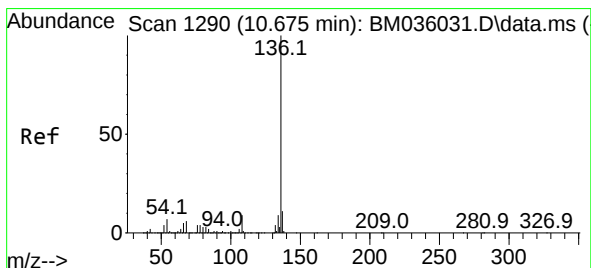
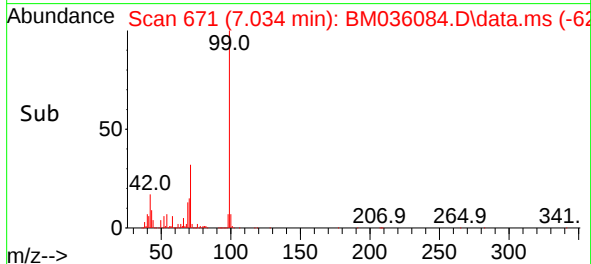
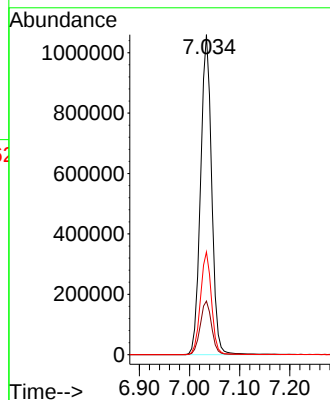
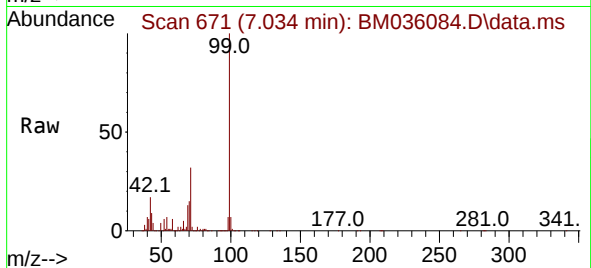




#7
Phenol-d6
Concen: 138.176 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036084.D
Acq: 03 Aug 2022 18:54

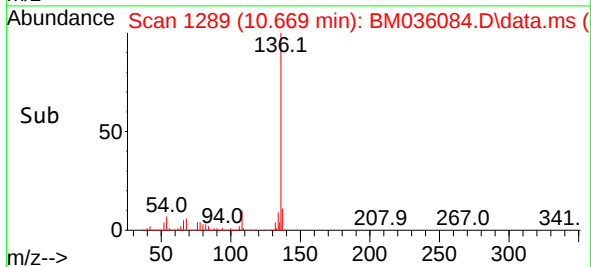
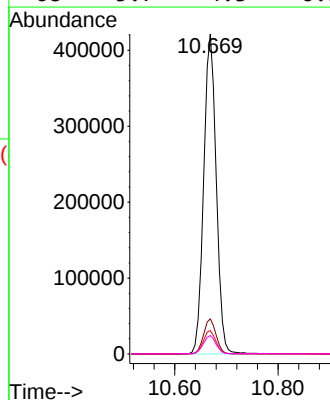
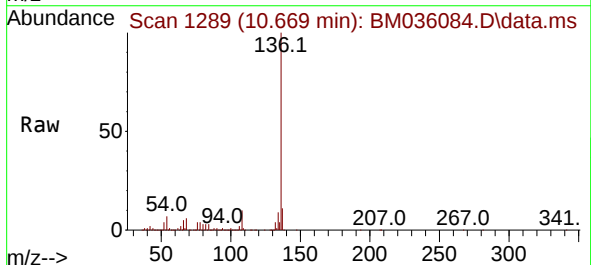
Instrument :
BNA_M
ClientSampleId :
ST-1

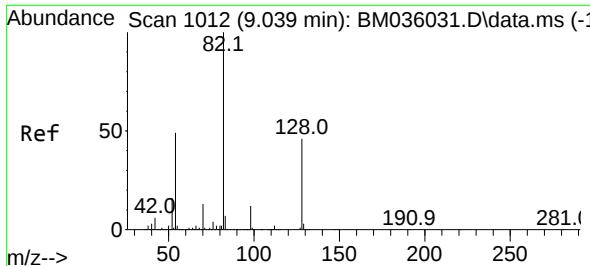
Tgt Ion: 99 Resp: 1623890
Ion Ratio Lower Upper
99 100
42 16.7 18.8 28.2#
71 32.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM036084.D
Acq: 03 Aug 2022 18:54

Tgt Ion: 136 Resp: 709731
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 7.0 10.4
68 5.7 4.3 6.5

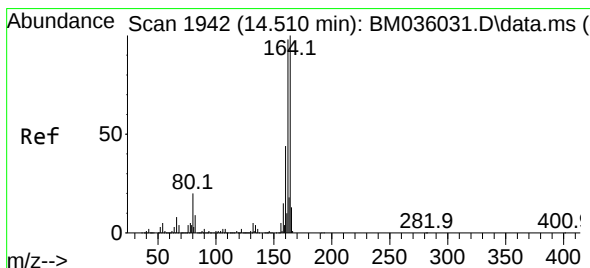
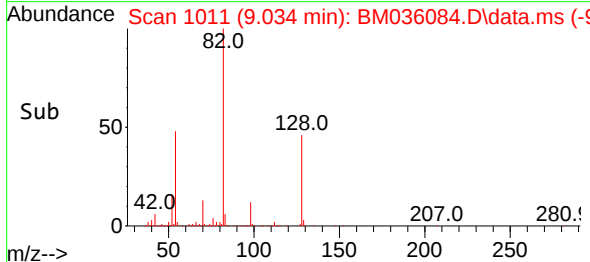
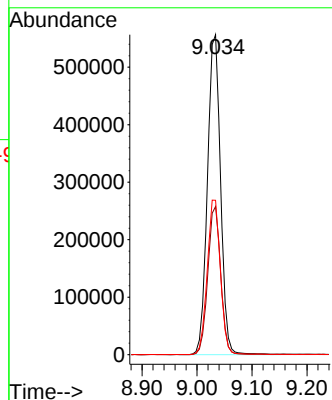
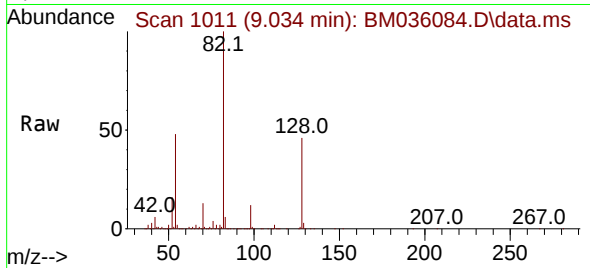




#23
Nitrobenzene-d5
Concen: 72.701 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM036084.D
Acq: 03 Aug 2022 18:54

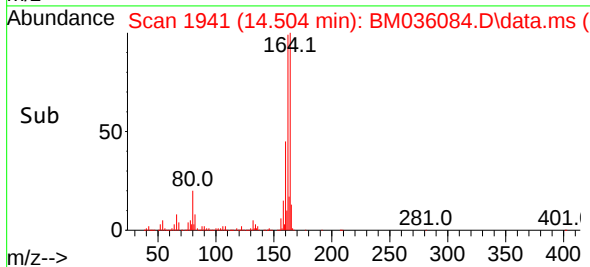
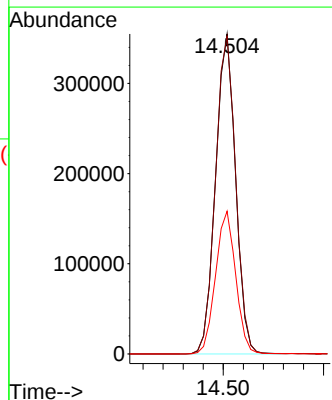
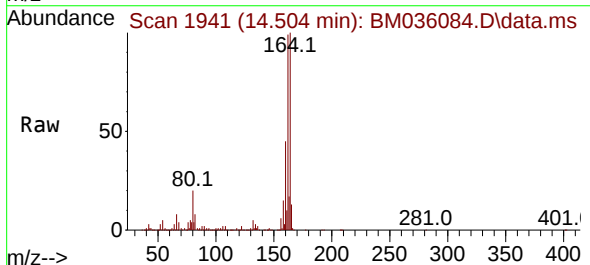
Instrument :
BNA_M
ClientSampleId :
ST-1

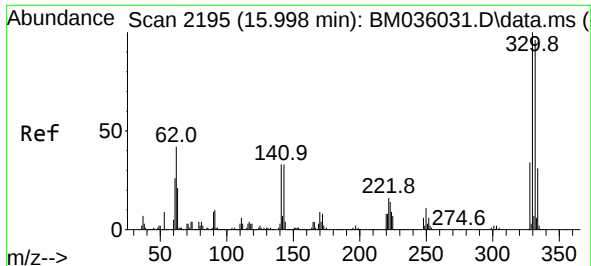
Tgt Ion: 82 Resp: 921771
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 48.2 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036084.D
Acq: 03 Aug 2022 18:54

Tgt Ion: 164 Resp: 490057
Ion Ratio Lower Upper
164 100
162 99.4 83.0 124.6
160 44.6 37.0 55.4

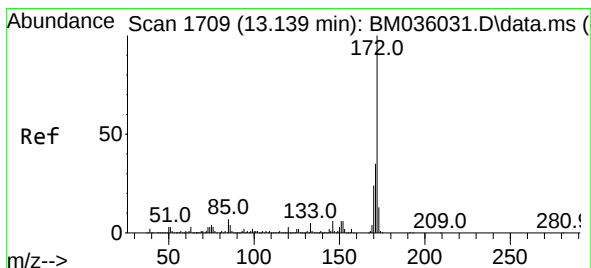
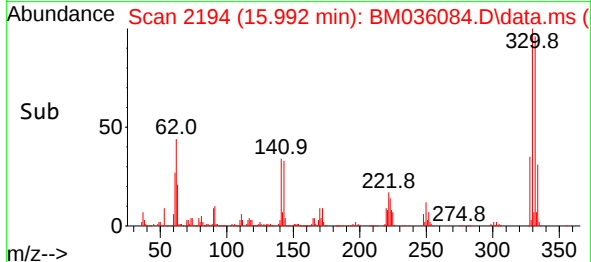
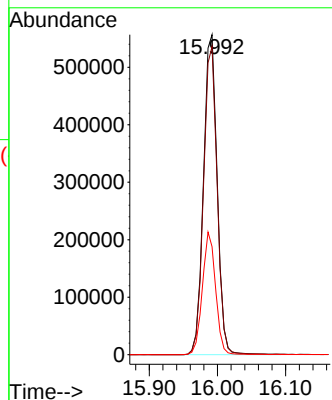
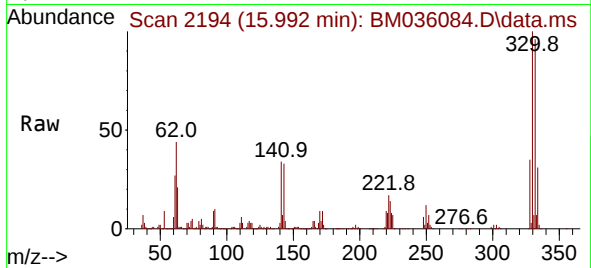




#42
2,4,6-Tribromophenol
Concen: 135.329 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM036084.D
Acq: 03 Aug 2022 18:54

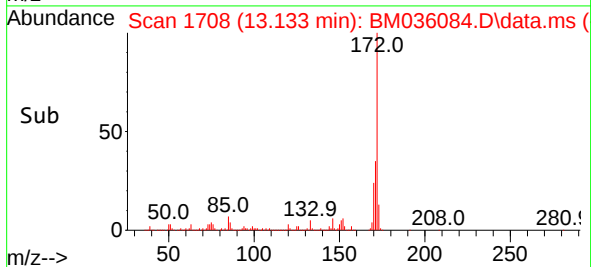
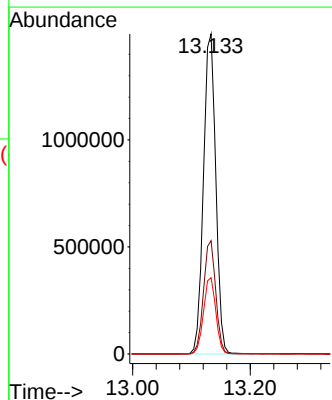
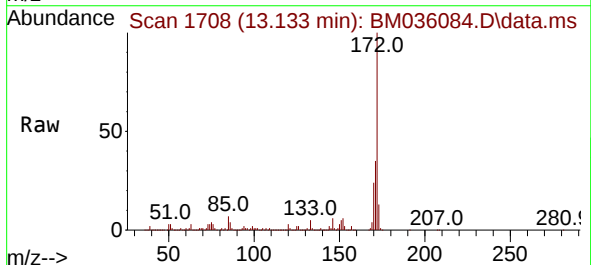
Instrument :
BNA_M
ClientSampleId :
ST-1

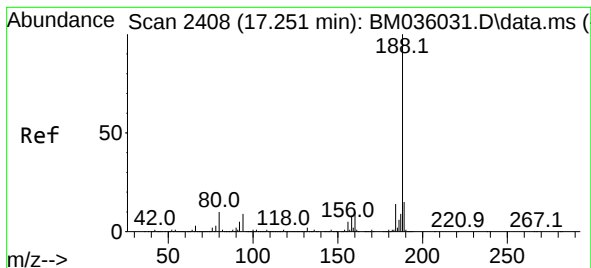
Tgt Ion:330 Resp: 778009
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 37.1 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 65.483 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM036084.D
Acq: 03 Aug 2022 18:54

Tgt Ion:172 Resp: 2173454
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM036084.D

Acq: 03 Aug 2022 18:54

Instrument :

BNA_M

ClientSampleId :

ST-1

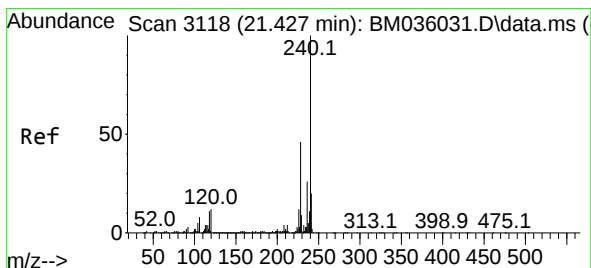
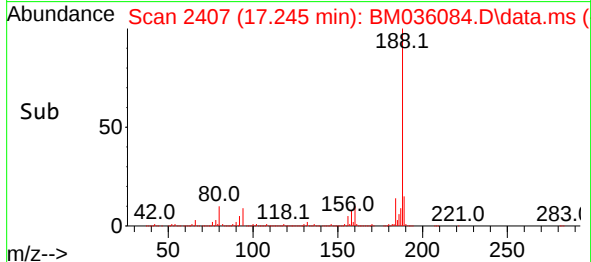
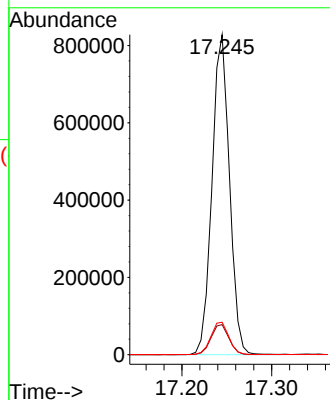
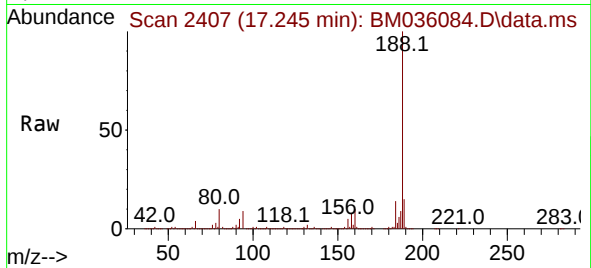
Tgt Ion:188 Resp: 1118229

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM036084.D

Acq: 03 Aug 2022 18:54

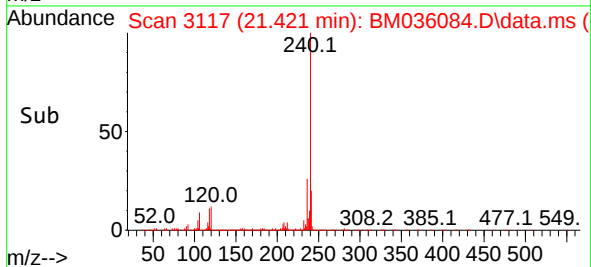
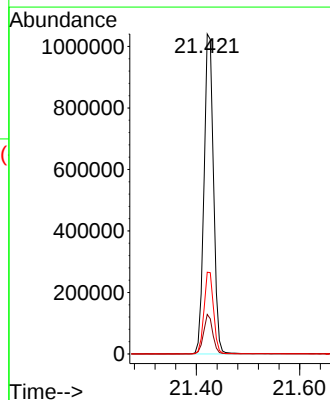
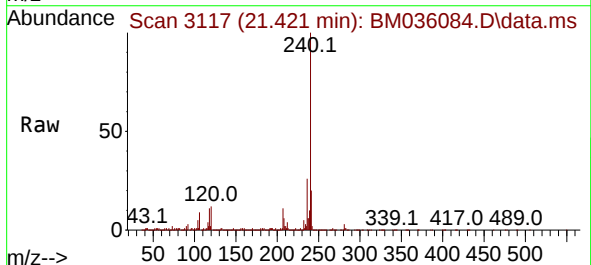
Tgt Ion:240 Resp: 1326538

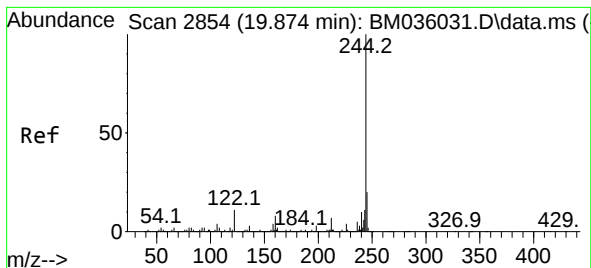
Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.0

236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 56.924 ng

RT: 19.868 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036084.D

Acq: 03 Aug 2022 18:54

Instrument :

BNA_M

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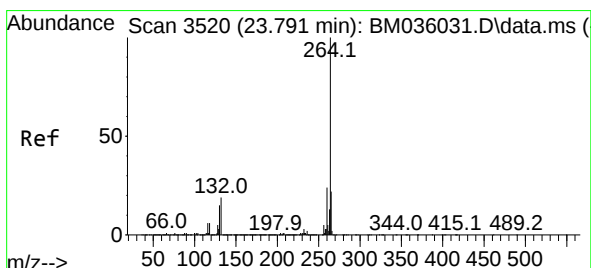
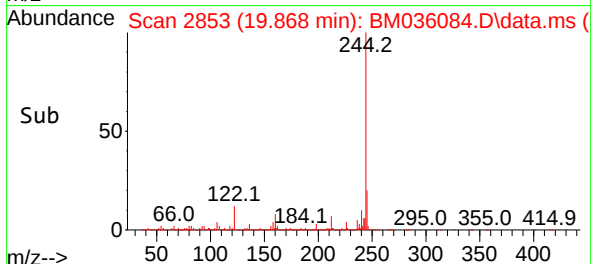
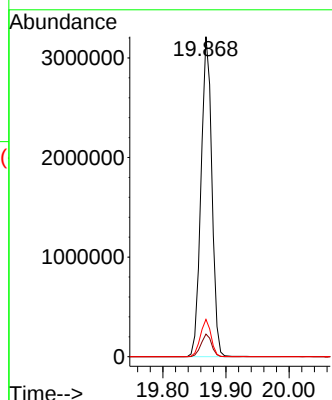
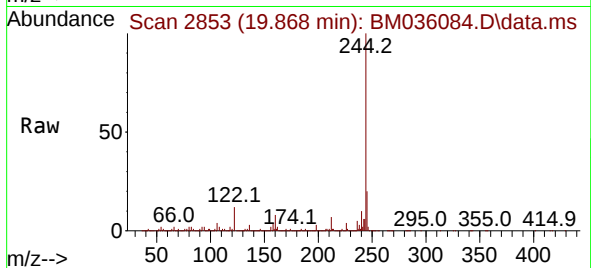
Tgt Ion:244 Resp: 3828370

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 11.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BM036084.D

Acq: 03 Aug 2022 18:54

Tgt Ion:264 Resp: 1573206

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.7 17.5 26.3

