

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
 Data File : BM036407.D
 Acq On : 25 Aug 2022 15:37
 Operator : CG/JU
 Sample : N4264-02RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 U-3RE

Quant Time: Aug 26 03:38:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 15:21:00 2022
 Response via : Initial Calibration

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

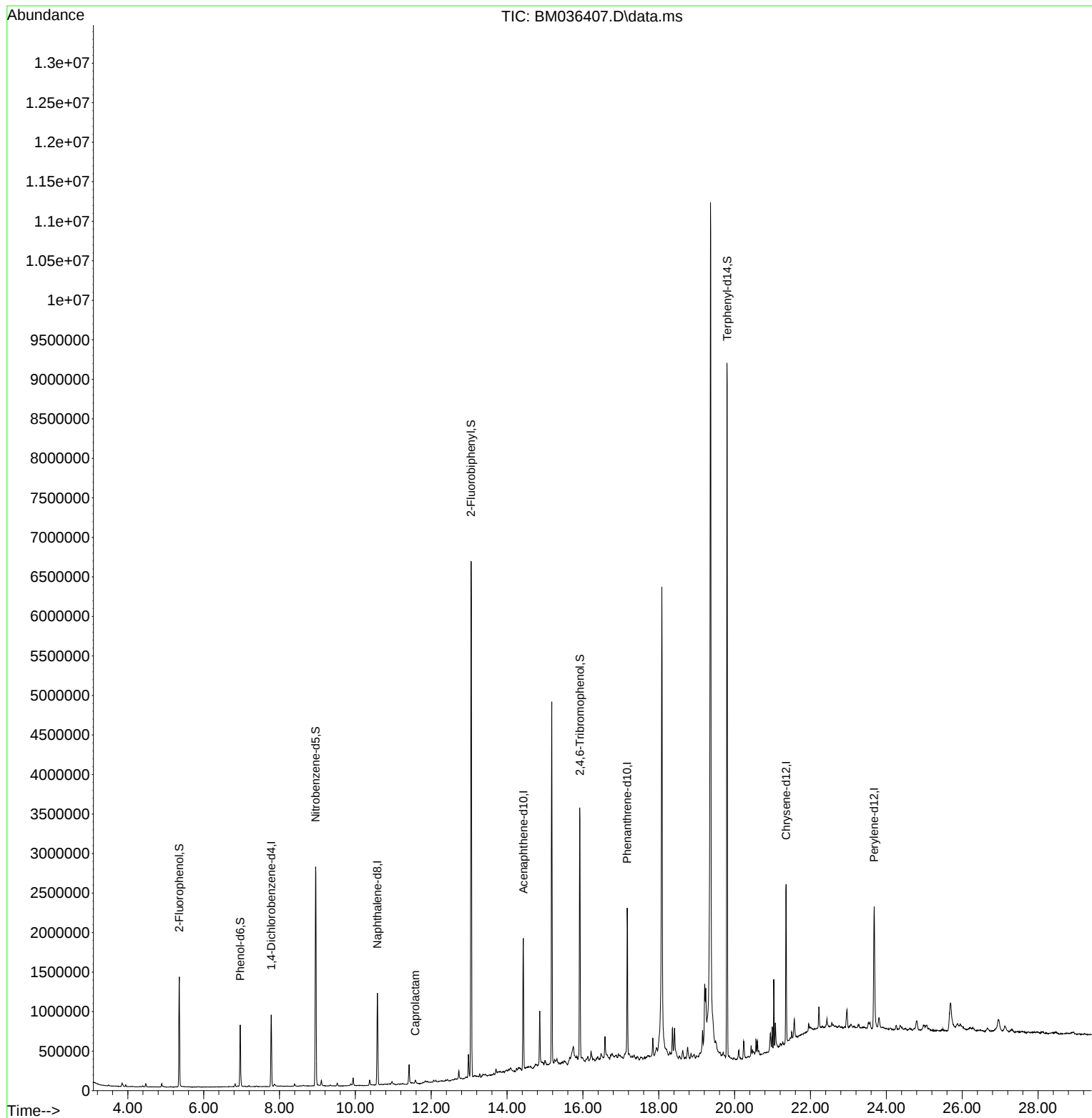
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	227489	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	924964	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	533474	20.000	ng	0.00
64) Phenanthrene-d10	17.168	188	1016686	20.000	ng	0.00
76) Chrysene-d12	21.356	240	891977	20.000	ng	0.00
86) Perylene-d12	23.680	264	1029963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	571995	40.765	ng	0.00
7) Phenol-d6	6.963	99	427585	23.949	ng	0.00
23) Nitrobenzene-d5	8.951	82	1553386	94.008	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	533917	85.313	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	3192202	88.349	ng	0.00
79) Terphenyl-d14	19.803	244	3977662	87.959	ng	0.00
Target Compounds						
35) Caprolactam	11.580	113	10546	2.682	ng	Qvalue # 48

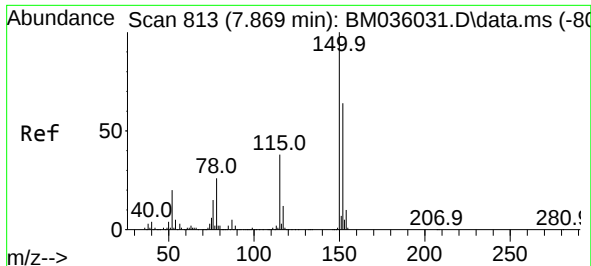
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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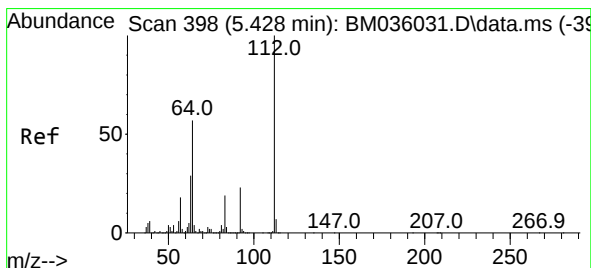
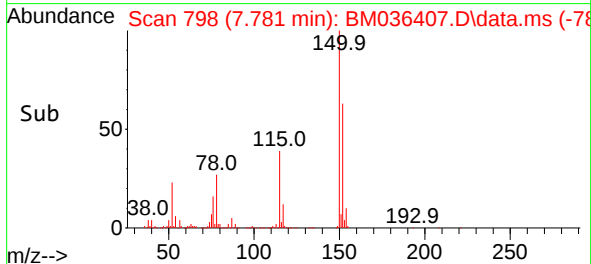
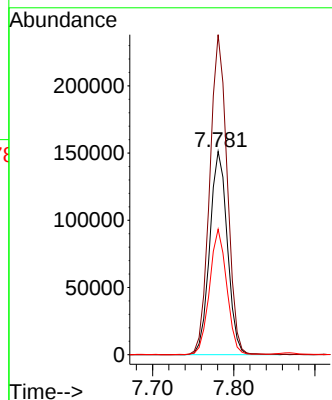
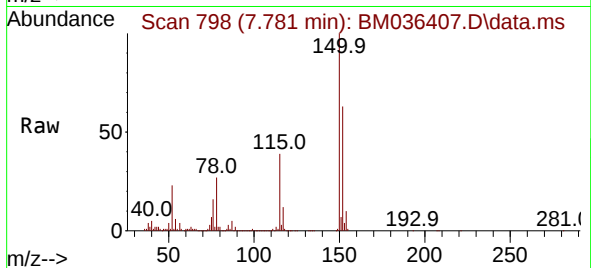




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

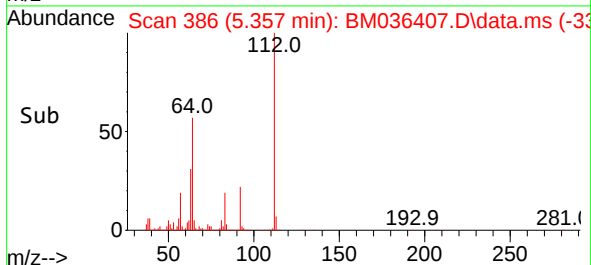
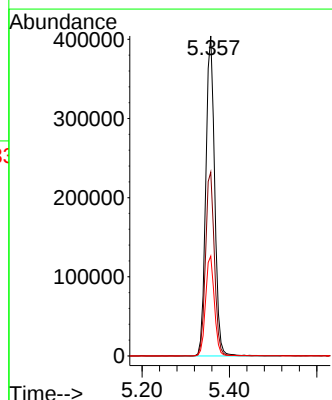
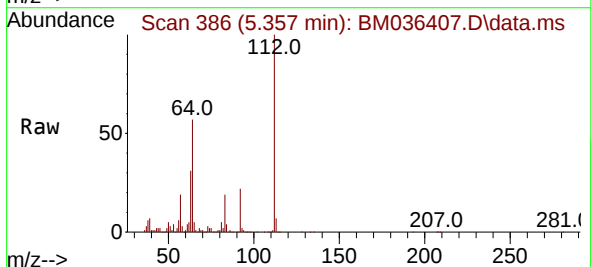
Instrument :
BNA_M
ClientSampleId :
U-3RE

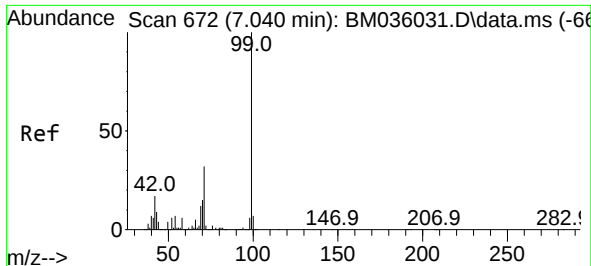
Tgt Ion:152 Resp: 227489
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 61.8 47.9 71.9



#5
2-Fluorophenol
Concen: 40.765 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.000 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

Tgt Ion:112 Resp: 571995
Ion Ratio Lower Upper
112 100
64 57.4 47.8 71.6
63 31.2 26.6 40.0

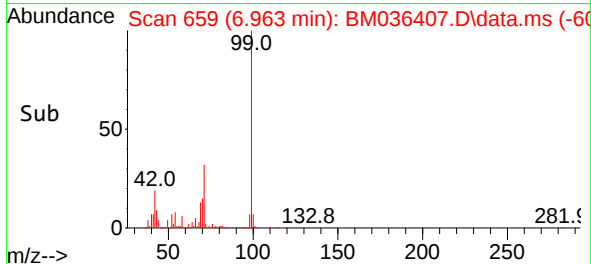
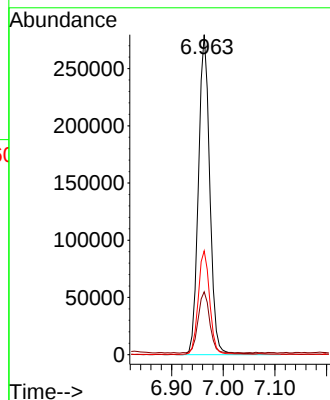
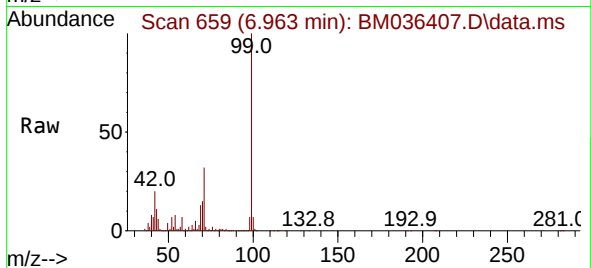




#7
Phenol-d6
Concen: 23.949 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

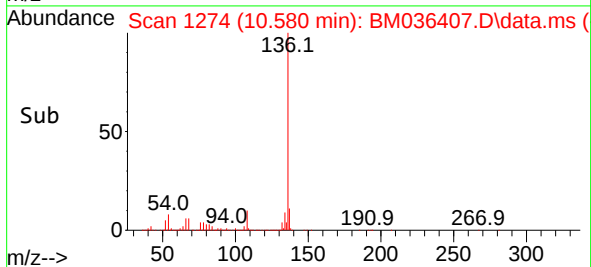
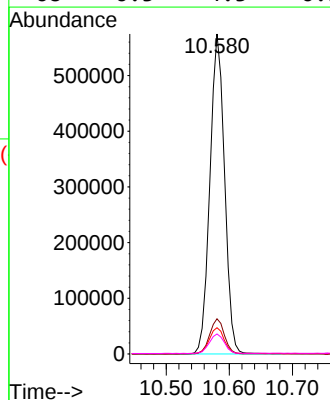
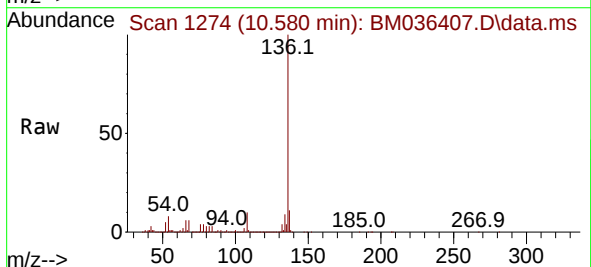
Instrument :
BNA_M
ClientSampleId :
U-3RE

Tgt Ion: 99 Resp: 427585
Ion Ratio Lower Upper
99 100
42 19.7 18.8 28.2
71 32.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

Tgt Ion: 136 Resp: 924964
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 7.0 10.4
68 6.3 4.3 6.5

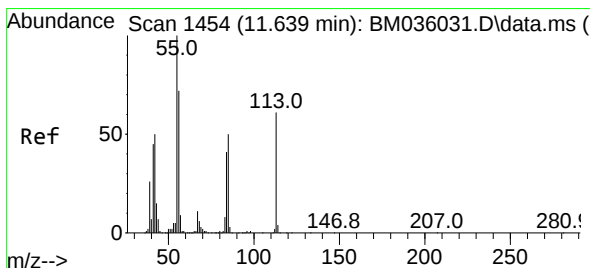
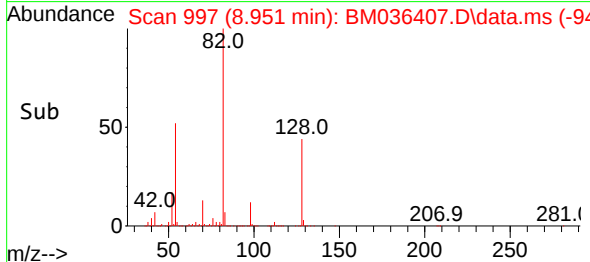
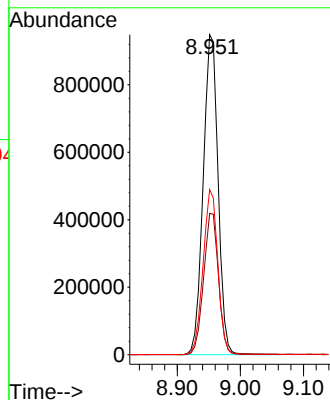
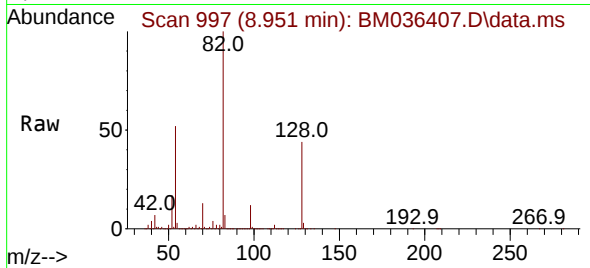




#23
Nitrobenzene-d5
Concen: 94.008 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

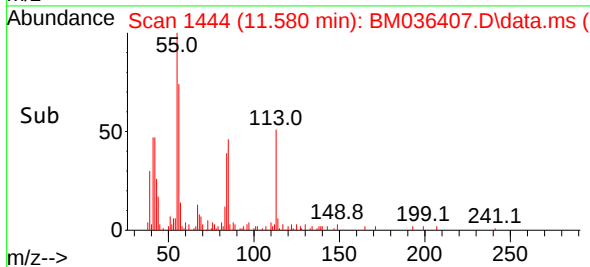
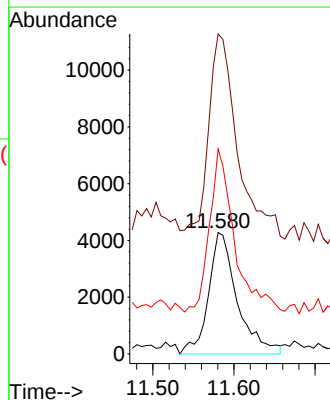
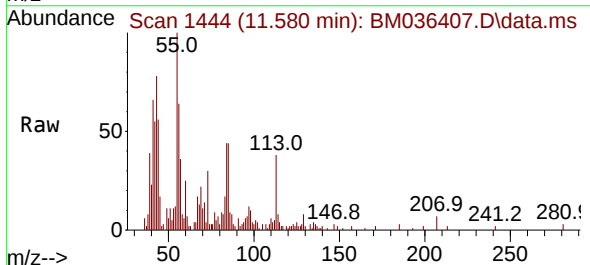
Instrument :
BNA_M
ClientSampleId :
U-3RE

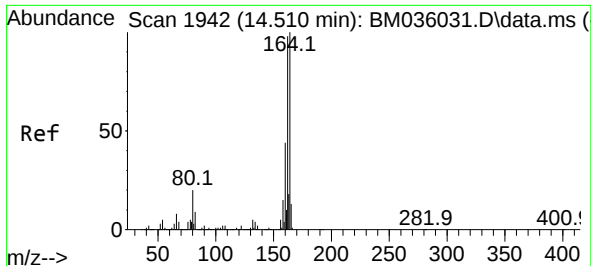
Tgt Ion: 82 Resp: 1553386
Ion Ratio Lower Upper
82 100
128 44.1 33.7 50.5
54 51.6 43.2 64.8



#35
Caprolactam
Concen: 2.682 ng
RT: 11.580 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

Tgt Ion: 113 Resp: 10546
Ion Ratio Lower Upper
113 100
55 263.5 150.1 190.1#
56 168.8 111.7 151.7#

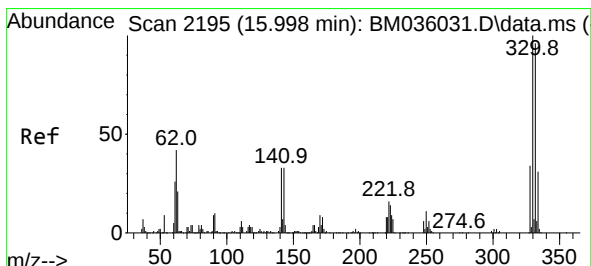
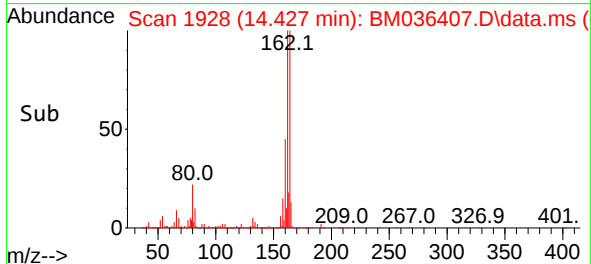
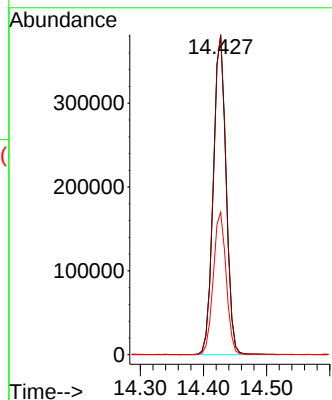
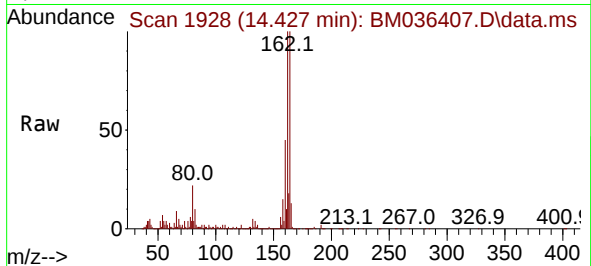




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

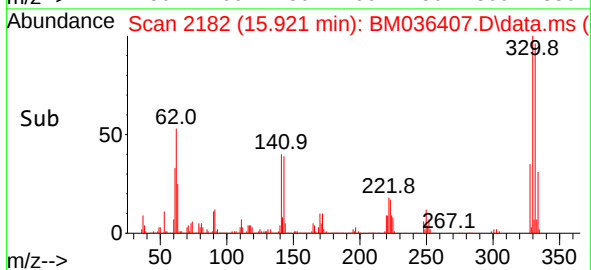
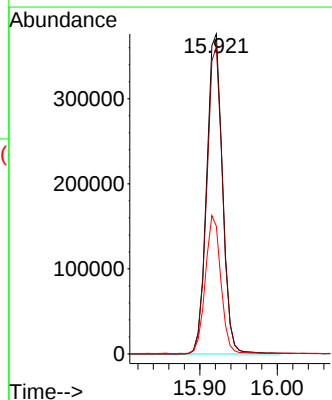
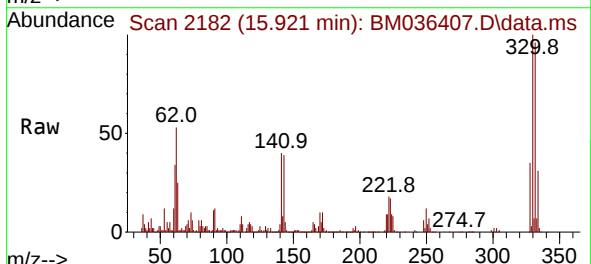
Instrument :
BNA_M
ClientSampleId :
U-3RE

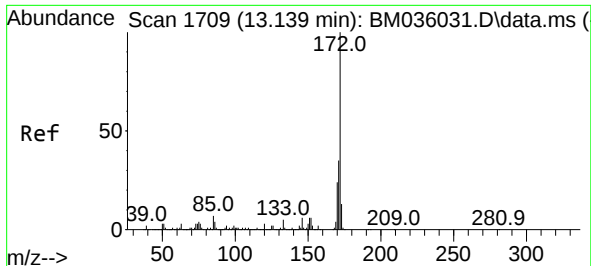
Tgt Ion:164 Resp: 533474
Ion Ratio Lower Upper
164 100
162 99.8 83.0 124.6
160 44.5 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 85.313 ng
RT: 15.921 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

Tgt Ion:330 Resp: 533917
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 42.3 35.3 52.9

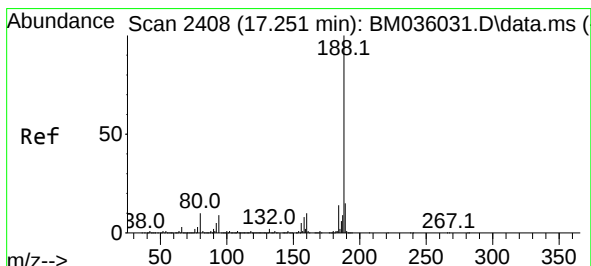
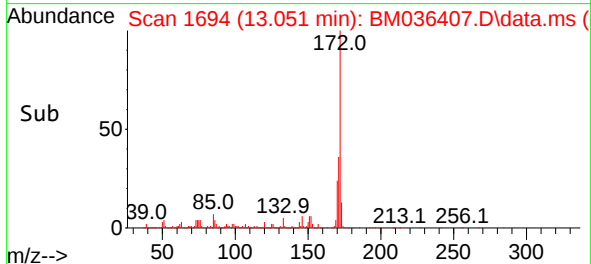
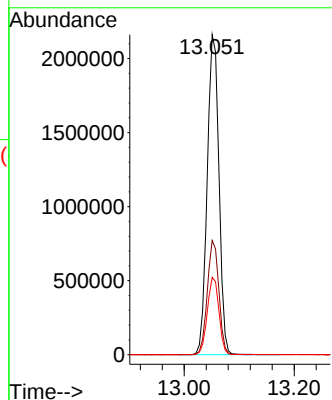
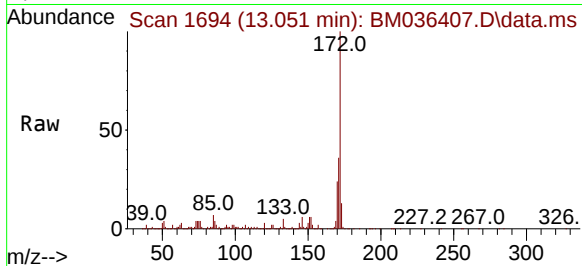




#45
2-Fluorobiphenyl
Concen: 88.349 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

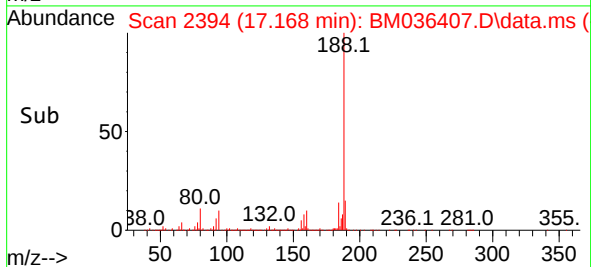
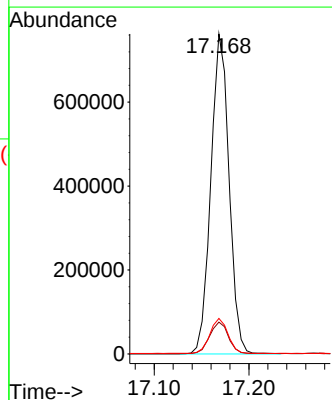
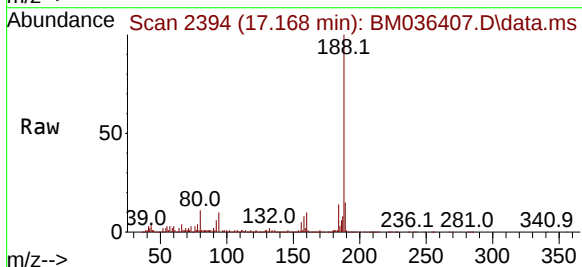
Instrument :
BNA_M
ClientSampleId :
U-3RE

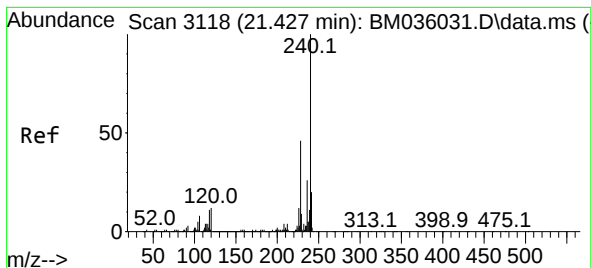
Tgt Ion:172 Resp: 3192202
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.2 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BM036407.D
Acq: 25 Aug 2022 15:37

Tgt Ion:188 Resp: 1016686
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 11.1 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM036407.D

Acq: 25 Aug 2022 15:37

Instrument :

BNA_M

ClientSampleId :

U-3RE

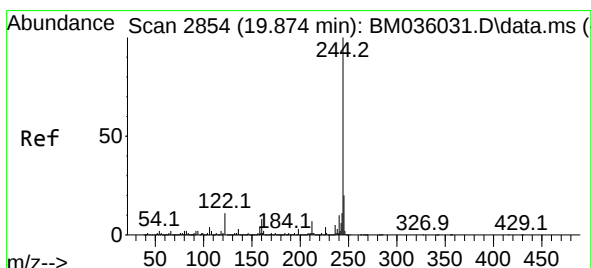
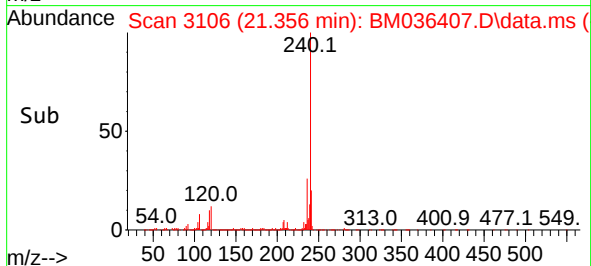
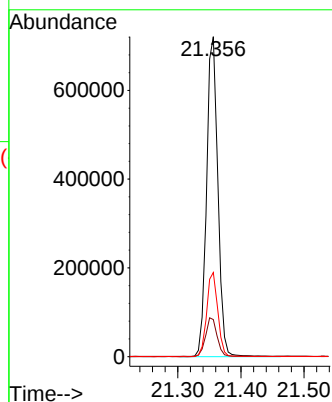
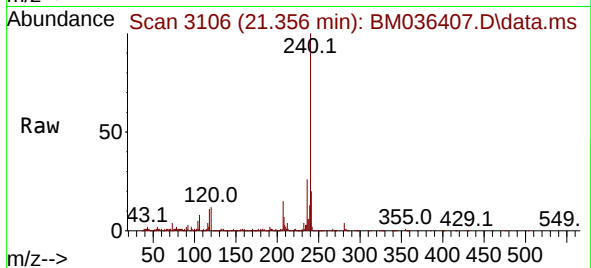
Tgt Ion:240 Resp: 891977

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.0

236 26.3 20.6 30.8



#79

Terphenyl-d14

Concen: 87.959 ng

RT: 19.803 min Scan# 2842

Delta R.T. -0.000 min

Lab File: BM036407.D

Acq: 25 Aug 2022 15:37

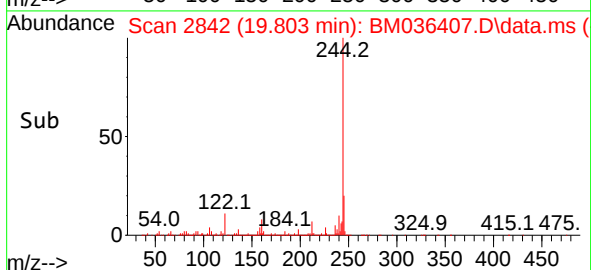
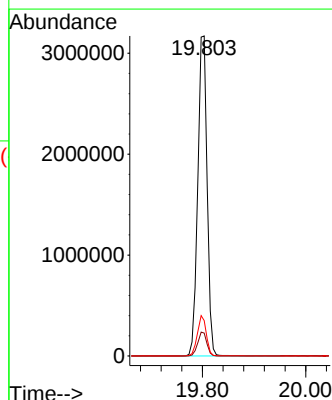
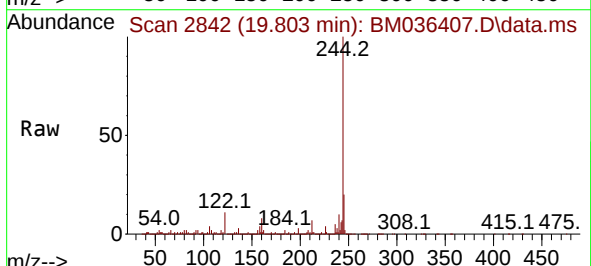
Tgt Ion:244 Resp: 3977662

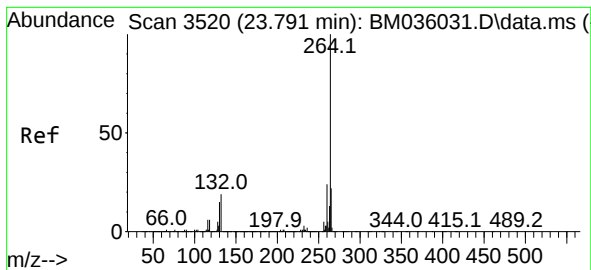
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 11.1 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.680 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM036407.D

Acq: 25 Aug 2022 15:37

Instrument :

BNA_M

ClientSampleId :

U-3RE

Tgt Ion:264 Resp: 1029963

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.4 17.5 26.3

