

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
 Data File : BM036408.D
 Acq On : 25 Aug 2022 16:14
 Operator : CG/JU
 Sample : N4277-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-1RE

Quant Time: Aug 26 03:39:09 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)

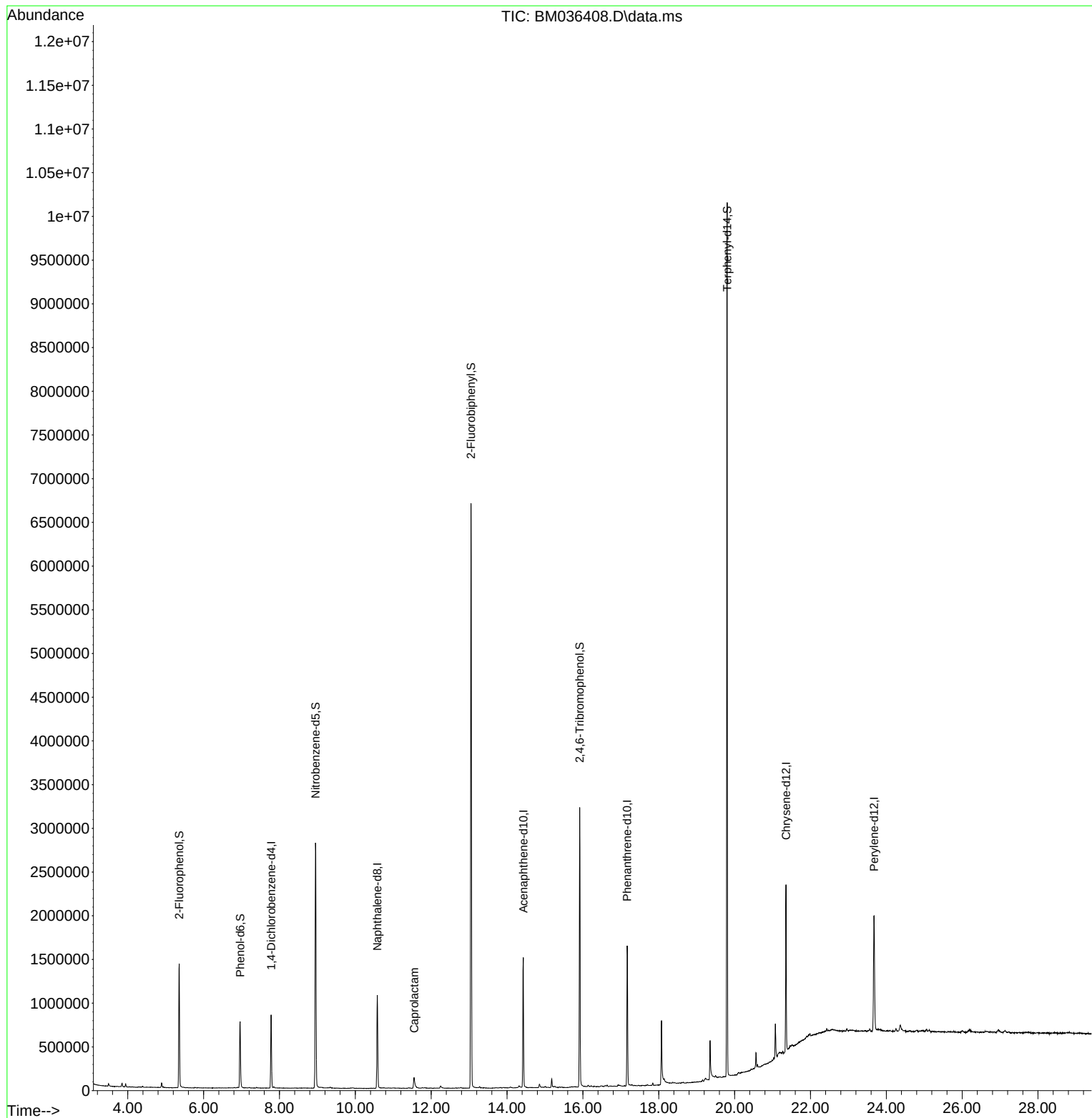
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	214957	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	862849	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	478523	20.000	ng	0.00
64) Phenanthrene-d10	17.168	188	920186	20.000	ng	0.00
76) Chrysene-d12	21.356	240	835285	20.000	ng	0.00
86) Perylene-d12	23.680	264	956893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	598828	45.165	ng	0.00
7) Phenol-d6	6.963	99	446357	26.458	ng	0.00
23) Nitrobenzene-d5	8.951	82	1585328	102.847	ng	0.00
42) 2,4,6-Tribromophenol	15.915	330	521571	92.910	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	3251054	100.311	ng	0.00
79) Terphenyl-d14	19.803	244	4446439	104.998	ng	0.00
Target Compounds						
35) Caprolactam	11.551	113	32784	8.939	ng	Qvalue 96

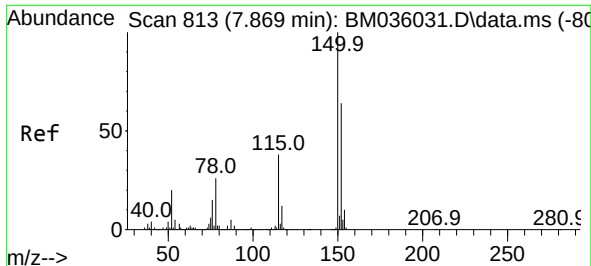
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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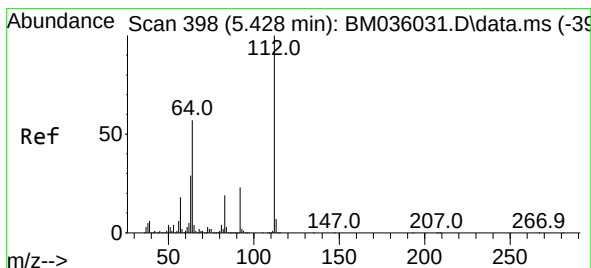
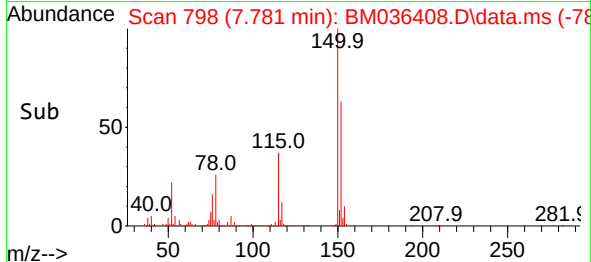
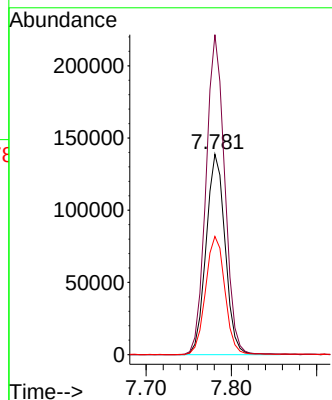
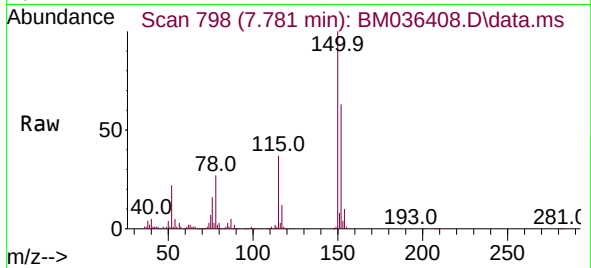




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM036408.D
Acq: 25 Aug 2022 16:14

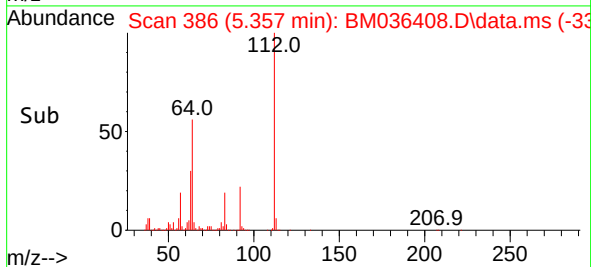
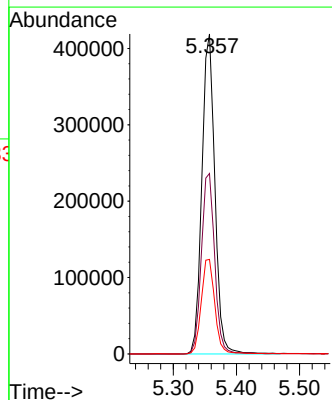
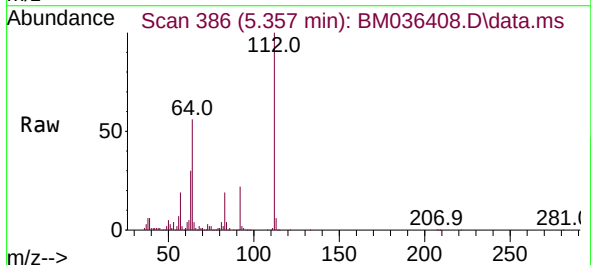
Instrument :
BNA_M
ClientSampleId :
B-1RE

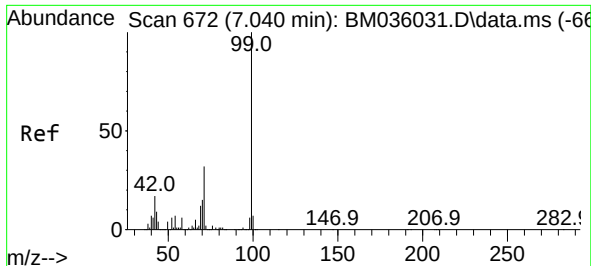
Tgt Ion:152 Resp: 214957
Ion Ratio Lower Upper
152 100
150 159.7 124.9 187.3
115 59.0 47.9 71.9



#5
2-Fluorophenol
Concen: 45.165 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.000 min
Lab File: BM036408.D
Acq: 25 Aug 2022 16:14

Tgt Ion:112 Resp: 598828
Ion Ratio Lower Upper
112 100
64 56.4 47.8 71.6
63 29.5 26.6 40.0

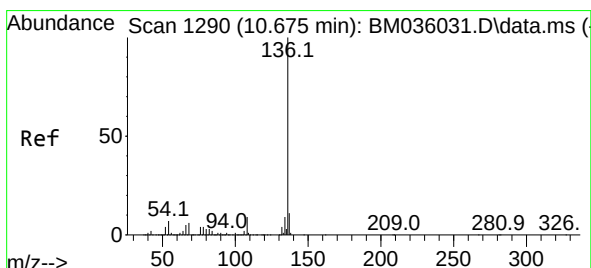
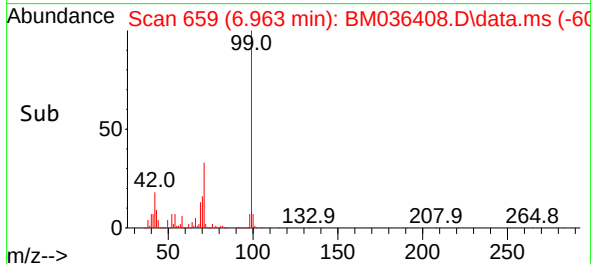
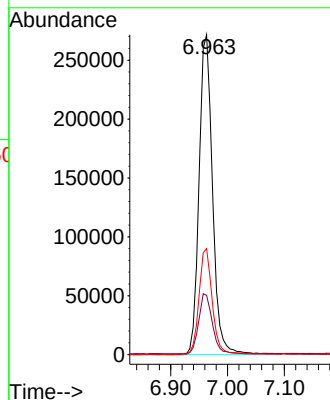
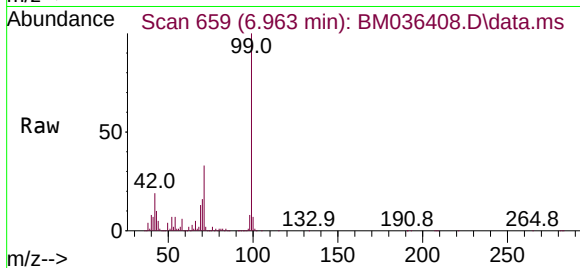




#7
Phenol-d6
Concen: 26.458 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036408.D
Acq: 25 Aug 2022 16:14

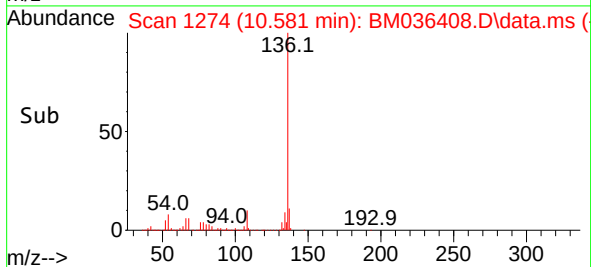
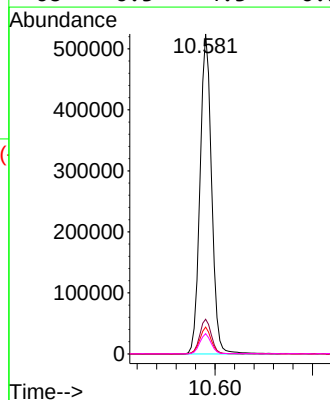
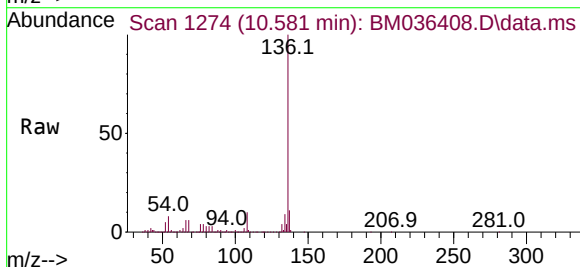
Instrument :
BNA_M
ClientSampleId :
B-1RE

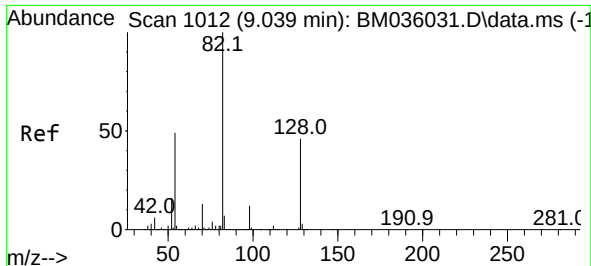
Tgt Ion: 99 Resp: 446357
Ion Ratio Lower Upper
99 100
42 18.5 18.8 28.2#
71 33.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BM036408.D
Acq: 25 Aug 2022 16:14

Tgt Ion: 136 Resp: 862849
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.4 7.0 10.4
68 6.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 102.847 ng

RT: 8.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BM036408.D

Acq: 25 Aug 2022 16:14

Instrument :

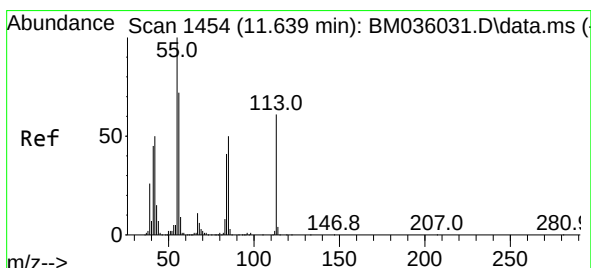
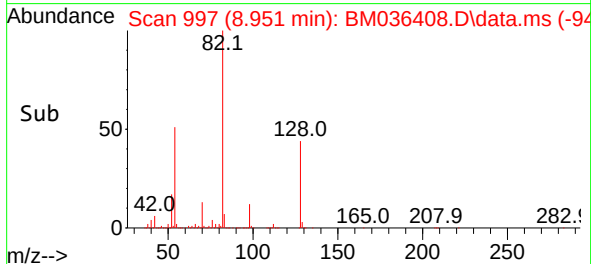
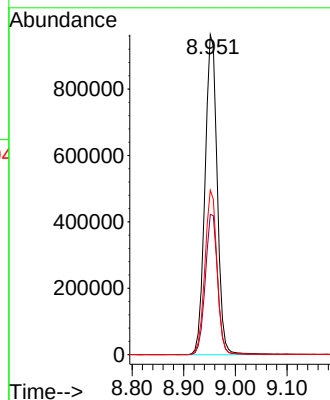
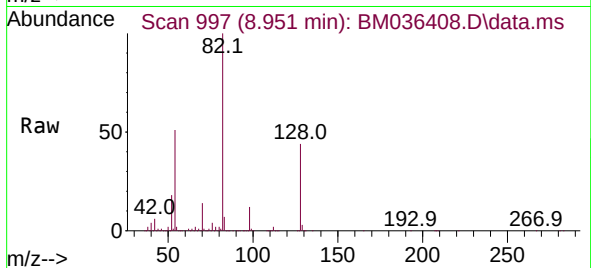
BNA_M

ClientSampleId :

B-1RE

Tgt Ion: 82 Resp: 1585328

Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.7	50.5
54	51.4	43.2	64.8



#35

Caprolactam

Concen: 8.939 ng

RT: 11.551 min Scan# 1439

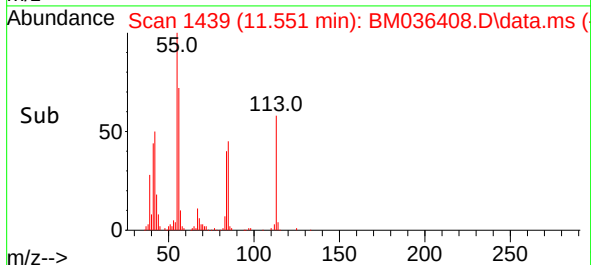
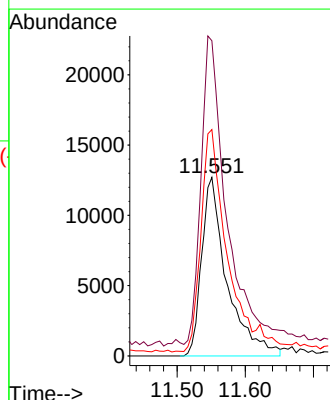
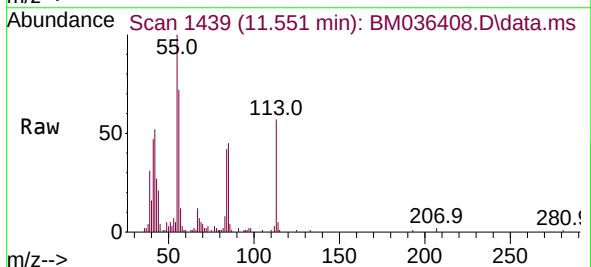
Delta R.T. -0.018 min

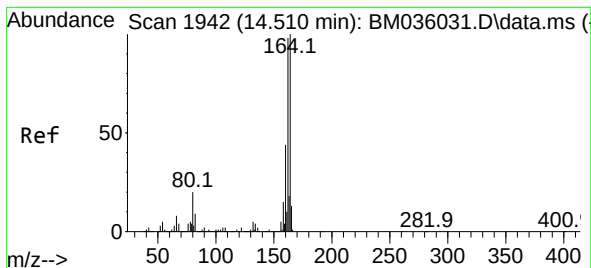
Lab File: BM036408.D

Acq: 25 Aug 2022 16:14

Tgt Ion: 113 Resp: 32784

Ion	Ratio	Lower	Upper
113	100		
55	176.5	150.1	190.1
56	126.8	111.7	151.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM036408.D

Acq: 25 Aug 2022 16:14

Instrument :

BNA_M

ClientSampleId :

B-1RE

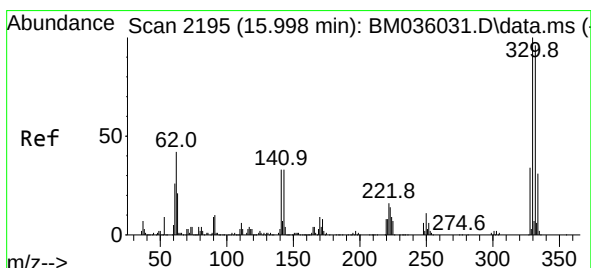
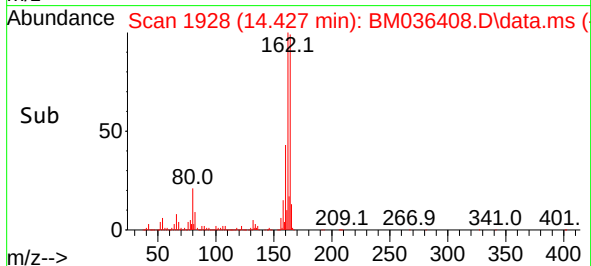
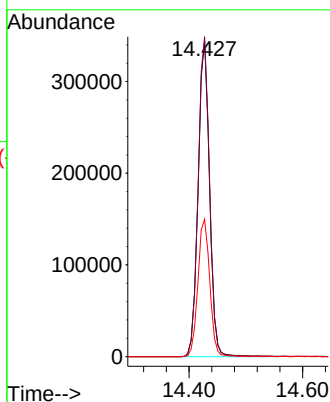
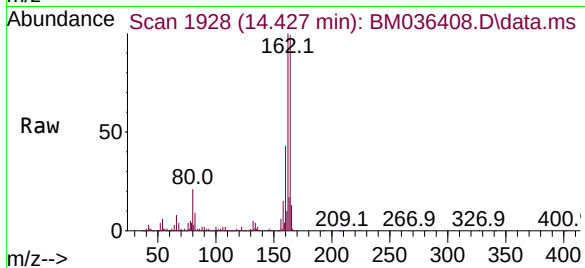
Tgt Ion:164 Resp: 478523

Ion Ratio Lower Upper

164 100

162 101.4 83.0 124.6

160 43.5 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 92.910 ng

RT: 15.915 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BM036408.D

Acq: 25 Aug 2022 16:14

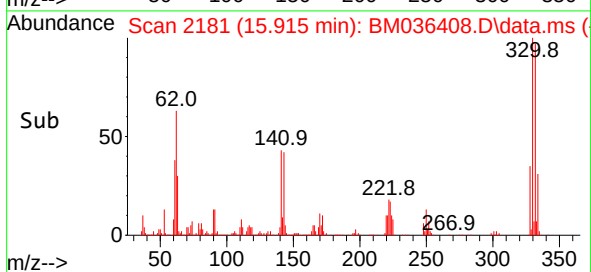
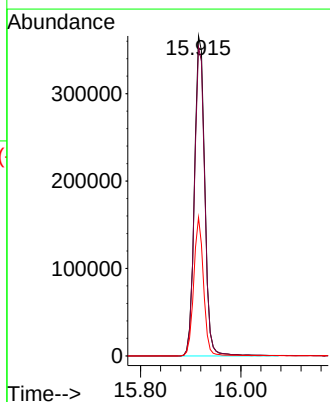
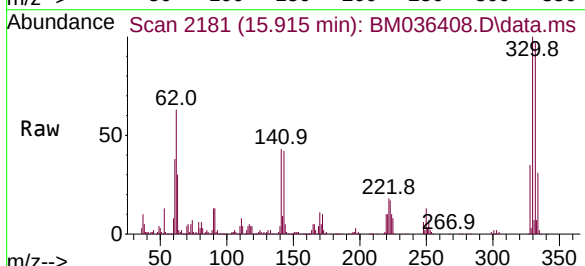
Tgt Ion:330 Resp: 521571

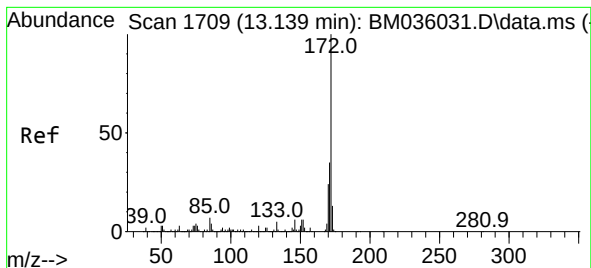
Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 41.1 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 100.311 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036408.D

Acq: 25 Aug 2022 16:14

Instrument :

BNA_M

ClientSampleId :

B-1RE

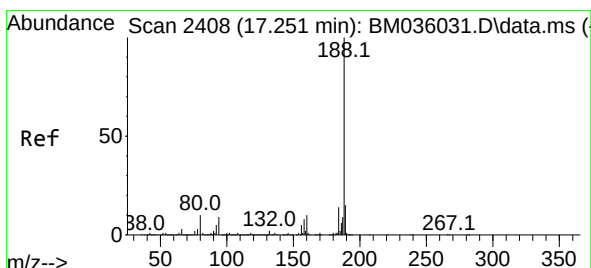
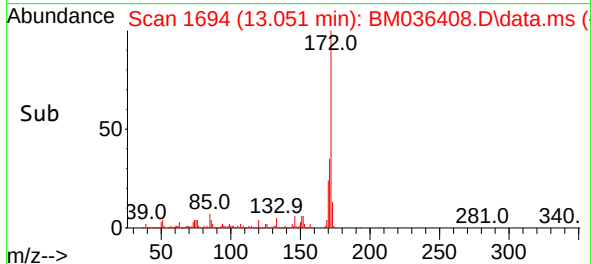
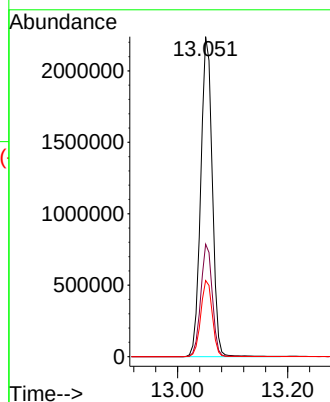
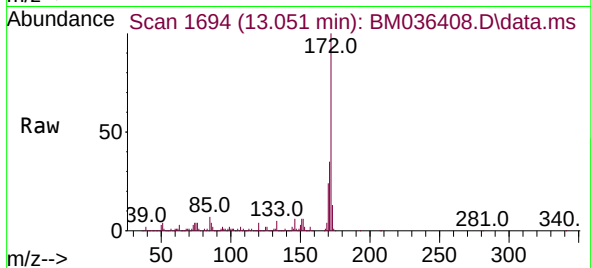
Tgt Ion:172 Resp: 3251054

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.8 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: BM036408.D

Acq: 25 Aug 2022 16:14

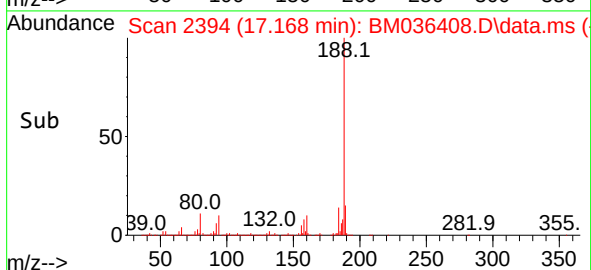
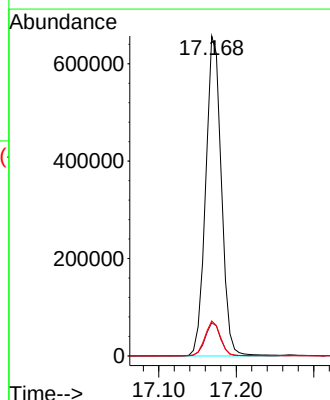
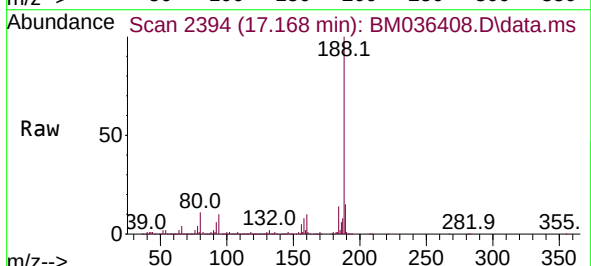
Tgt Ion:188 Resp: 920186

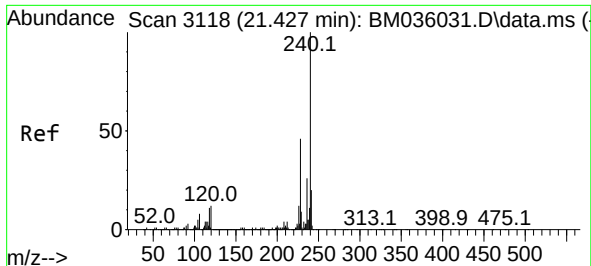
Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.4

80 10.9 7.6 11.4

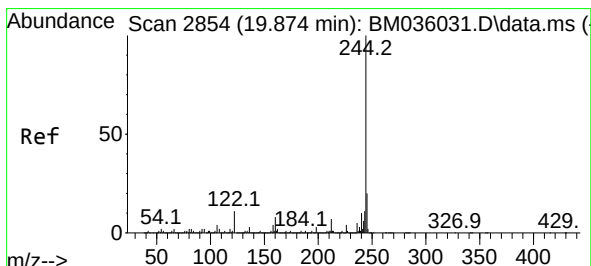
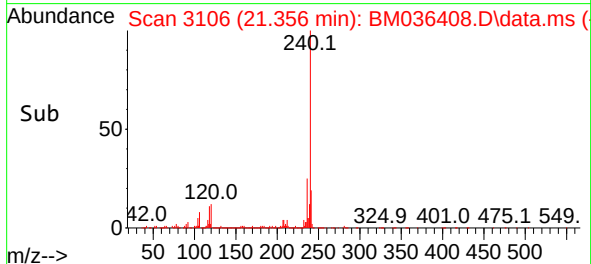
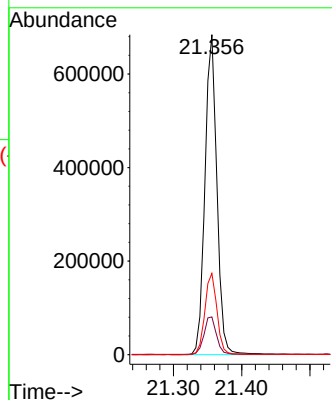
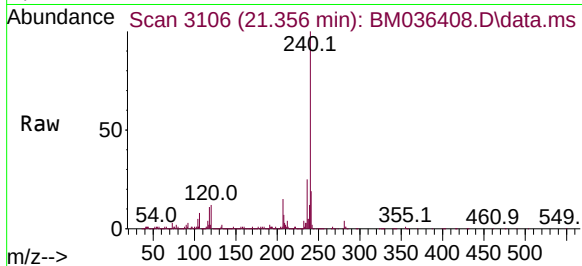




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM036408.D
Acq: 25 Aug 2022 16:14

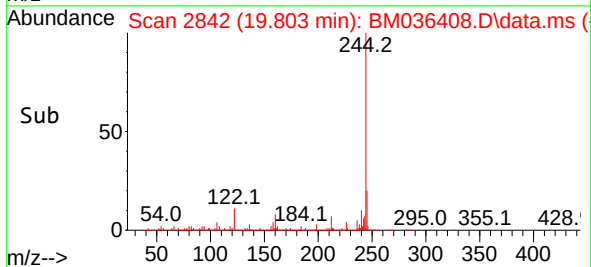
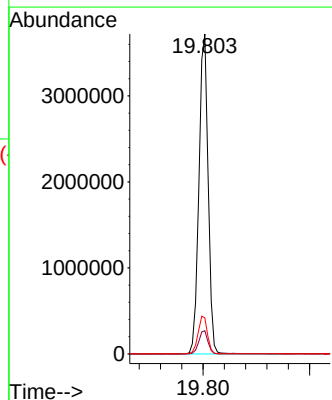
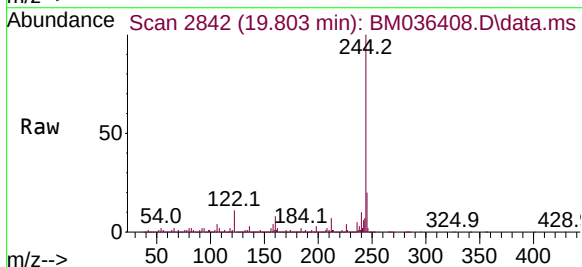
Instrument :
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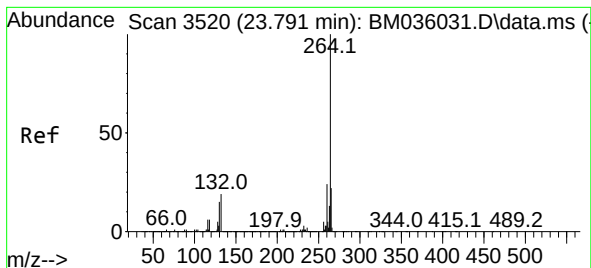
Tgt Ion:240 Resp: 835285
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 25.4 20.6 30.8



#79
Terphenyl-d14
Concen: 104.998 ng
RT: 19.803 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BM036408.D
Acq: 25 Aug 2022 16:14

Tgt Ion:244 Resp: 4446439
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 11.2 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.680 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM036408.D

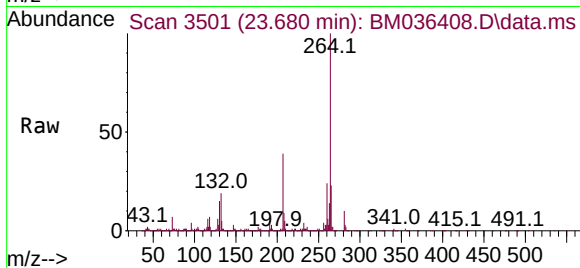
Acq: 25 Aug 2022 16:14

Instrument :

BNA_M

ClientSampleId :

B-1RE



Tgt Ion:264 Resp: 956893

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.5 17.5 26.3

