

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
 Data File : BM036050.D
 Acq On : 02 Aug 2022 13:55
 Operator : CG/JU
 Sample : N3935-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-148

Quant Time: Aug 03 00:52:28 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)

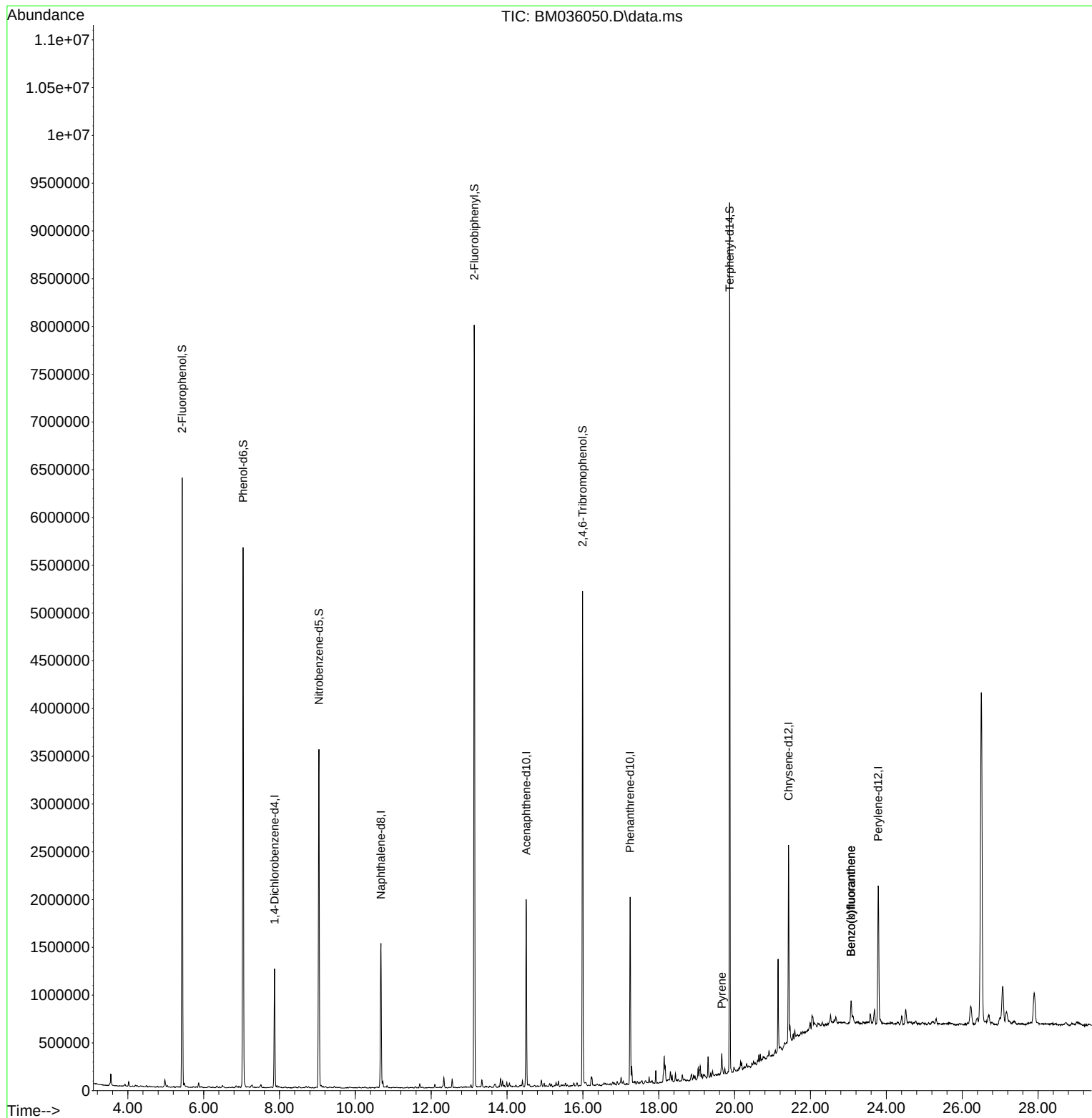
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	324946	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1268373	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	655250	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1130892	20.000	ng	0.00
76) Chrysene-d12	21.421	240	904921	20.000	ng	0.00
86) Perylene-d12	23.786	264	1049177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2660828	132.757	ng	0.00
7) Phenol-d6	7.040	99	3154767	123.702	ng	0.00
23) Nitrobenzene-d5	9.039	82	1977561	87.275	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	911123	118.529	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	3999856	90.129	ng	0.00
79) Terphenyl-d14	19.868	244	4163908	90.760	ng	0.00
Target Compounds						
						Qvalue
78) Pyrene	19.662	202	118527	2.112	ng	98
88) Benzo(b)fluoranthene	23.068	252	159775	2.599	ng	# 92
89) Benzo(k)fluoranthene	23.068	252	159775	2.573	ng	# 91

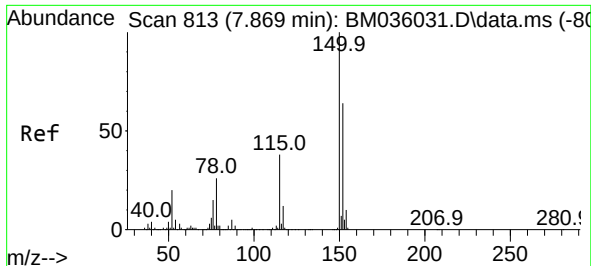
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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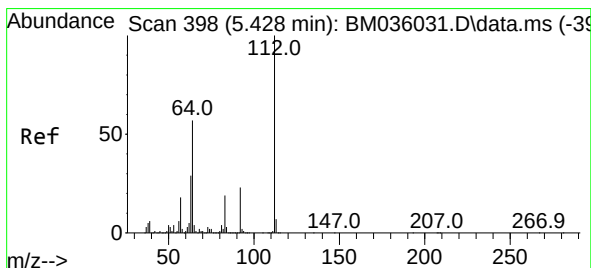
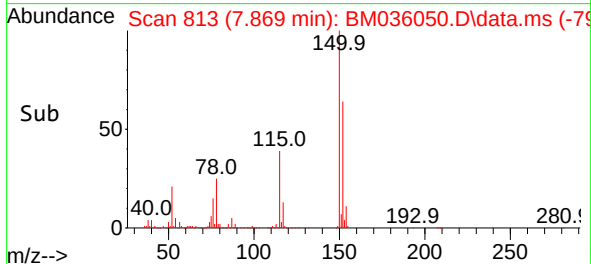
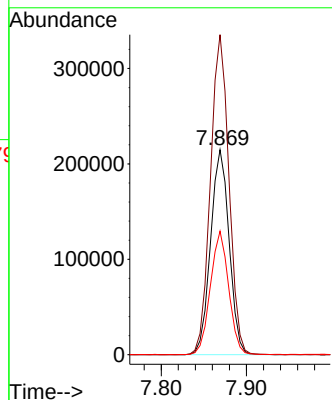
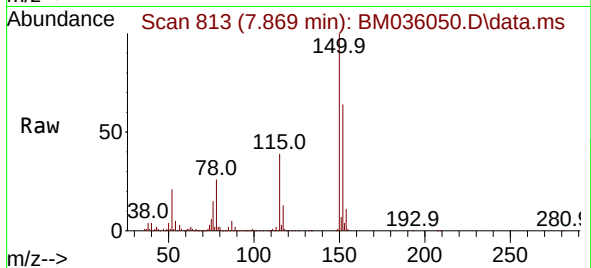




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BM036050.D
 Acq: 02 Aug 2022 13:55

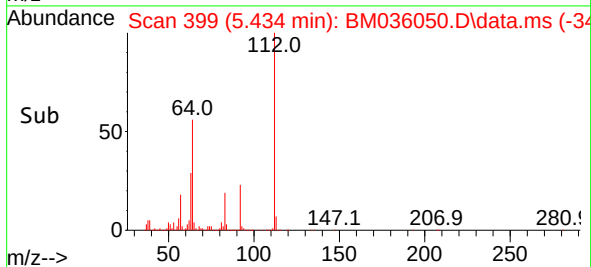
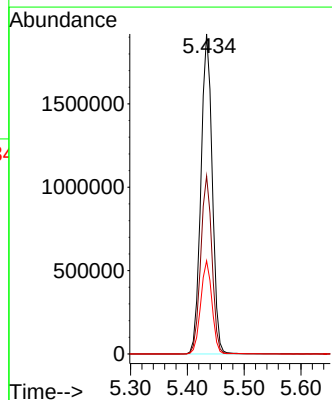
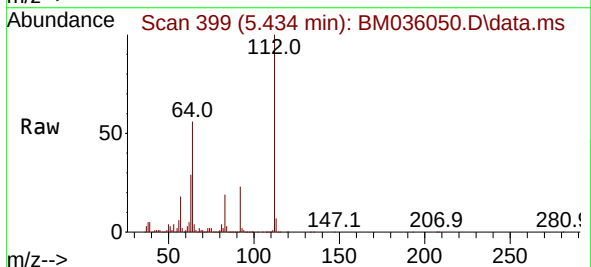
Instrument :
 BNA_M
 ClientSampleId :
 RVE-148

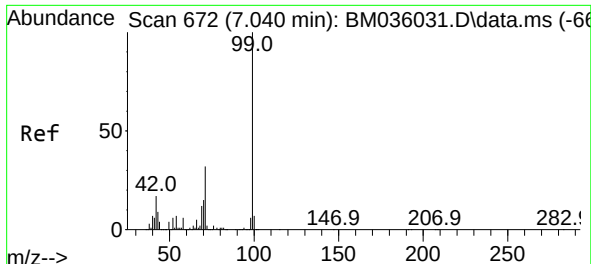
Tgt Ion:152 Resp: 324946
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.9 187.3
 115 60.3 47.9 71.9



#5
 2-Fluorophenol
 Concen: 132.757 ng
 RT: 5.434 min Scan# 399
 Delta R.T. 0.006 min
 Lab File: BM036050.D
 Acq: 02 Aug 2022 13:55

Tgt Ion:112 Resp: 2660828
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.8 71.6
 63 29.1 26.6 40.0

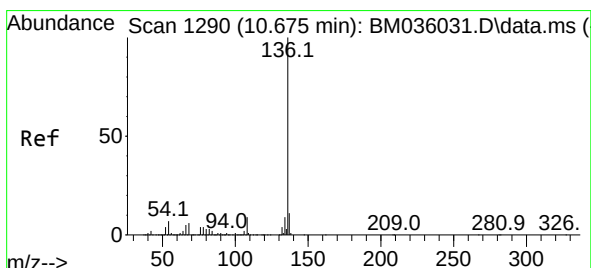
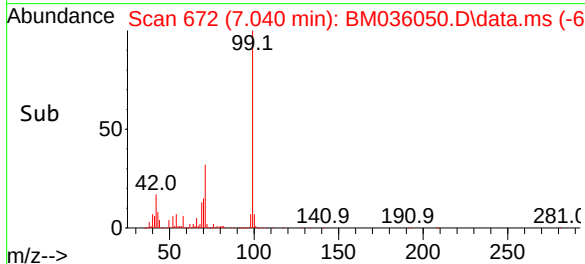
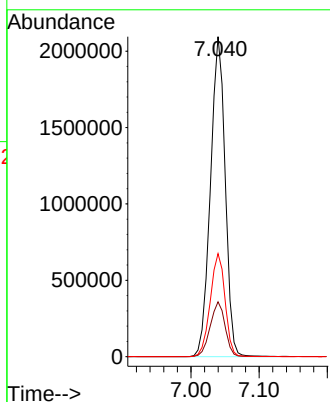
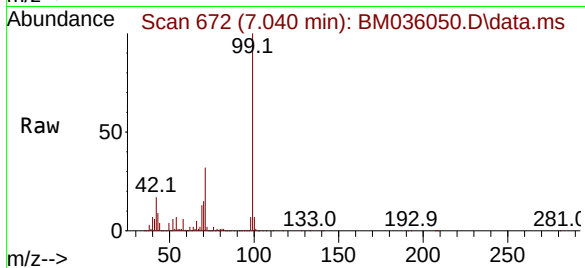




#7
Phenol-d6
Concen: 123.702 ng
RT: 7.040 min Scan# 672
Delta R.T. 0.000 min
Lab File: BM036050.D
Acq: 02 Aug 2022 13:55

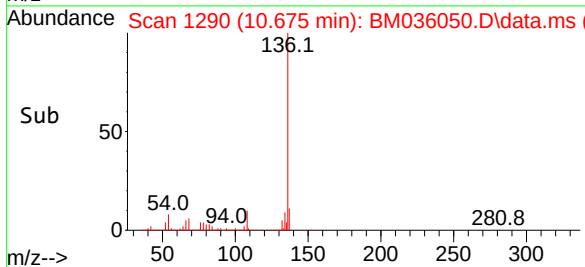
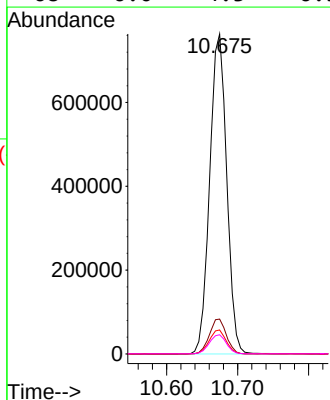
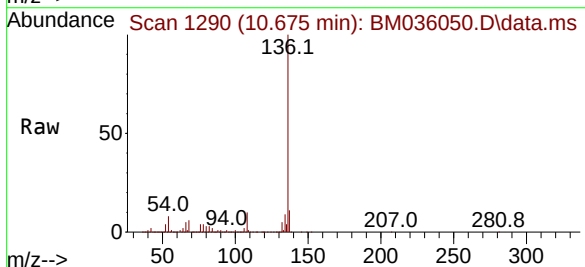
Instrument :
BNA_M
ClientSampleId :
RVE-148

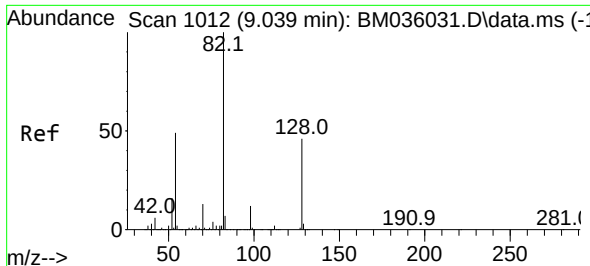
Tgt Ion: 99 Resp: 3154767
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 32.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BM036050.D
Acq: 02 Aug 2022 13:55

Tgt Ion: 136 Resp: 1268373
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.5 7.0 10.4
68 6.0 4.3 6.5

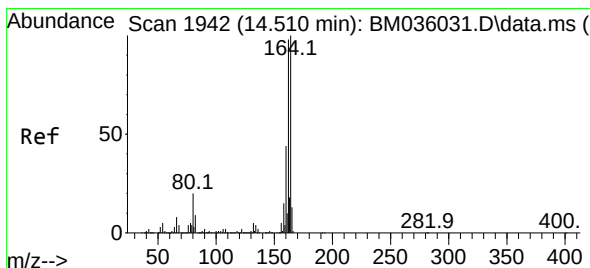
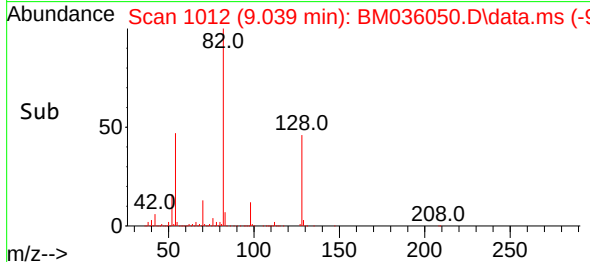
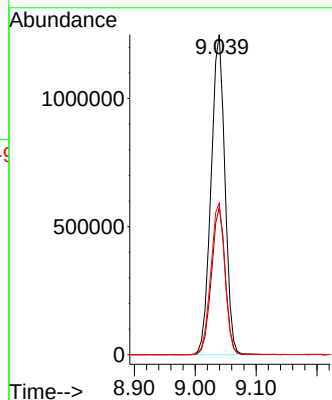
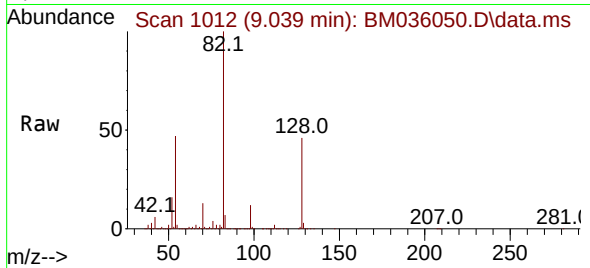




#23
Nitrobenzene-d5
Concen: 87.275 ng
RT: 9.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036050.D
Acq: 02 Aug 2022 13:55

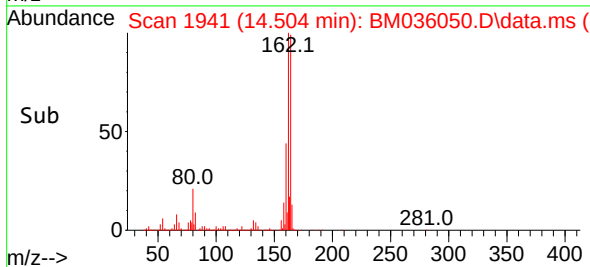
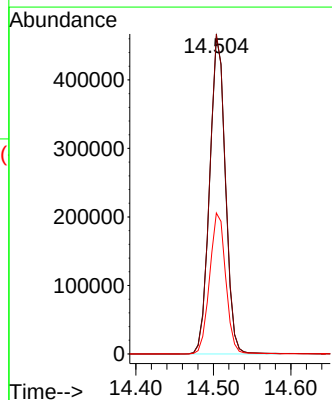
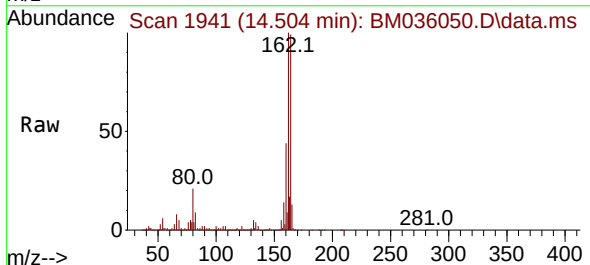
Instrument :
BNA_M
ClientSampleId :
RVE-148

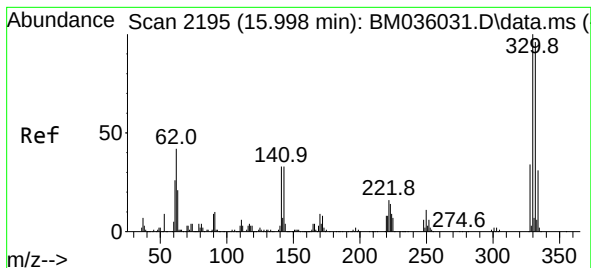
Tgt Ion: 82 Resp: 1977561
Ion Ratio Lower Upper
82 100
128 45.9 33.7 50.5
54 47.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036050.D
Acq: 02 Aug 2022 13:55

Tgt Ion:164 Resp: 655250
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.6
160 44.4 37.0 55.4

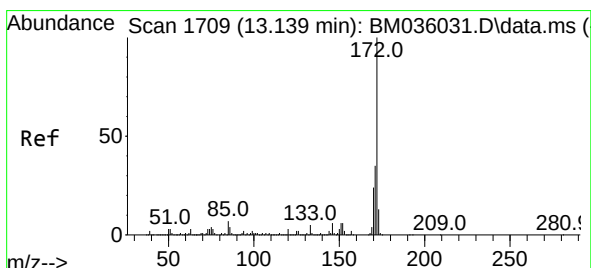
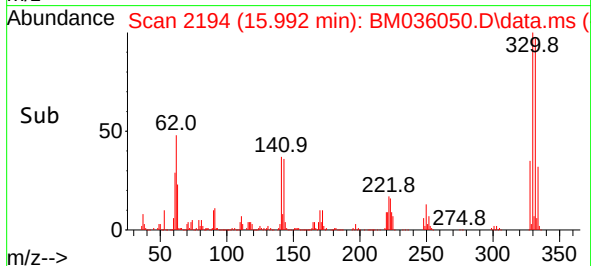
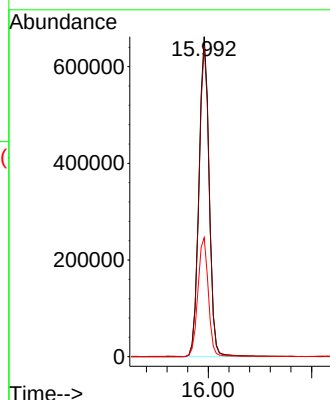
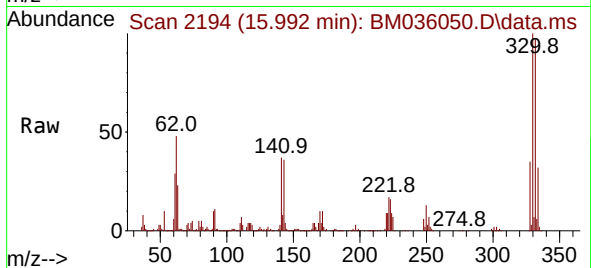




#42
2,4,6-Tribromophenol
Concen: 118.529 ng
RT: 15.992 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036050.D
Acq: 02 Aug 2022 13:55

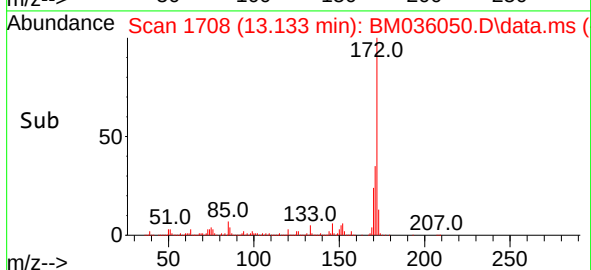
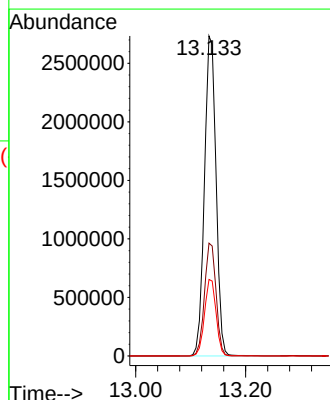
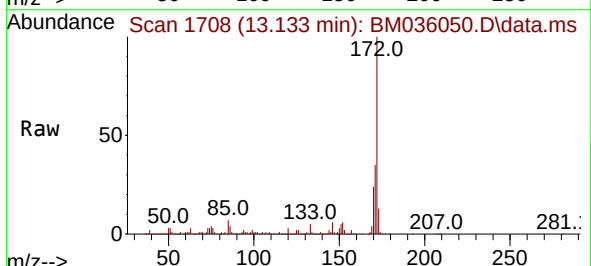
Instrument :
BNA_M
ClientSampleId :
RVE-148

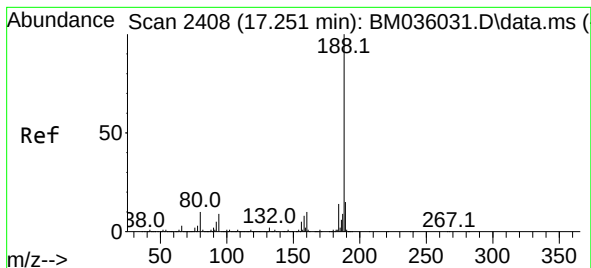
Tgt Ion:330 Resp: 911123
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 37.7 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 90.129 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM036050.D
Acq: 02 Aug 2022 13:55

Tgt Ion:172 Resp: 3999856
Ion Ratio Lower Upper
172 100
171 35.3 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: BM036050.D

Acq: 02 Aug 2022 13:55

Instrument :

BNA_M

ClientSampleId :

RVE-148

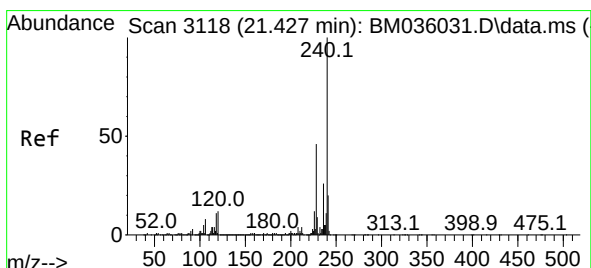
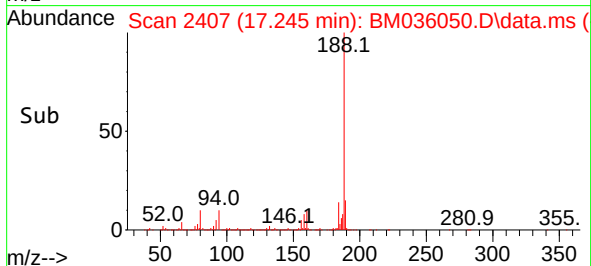
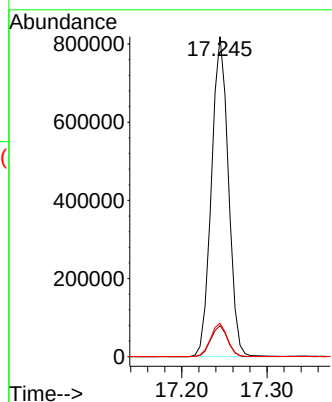
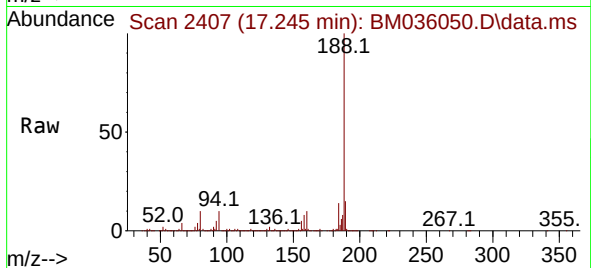
Tgt Ion:188 Resp: 1130892

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.4 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: BM036050.D

Acq: 02 Aug 2022 13:55

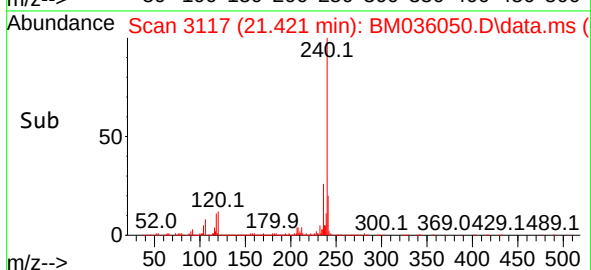
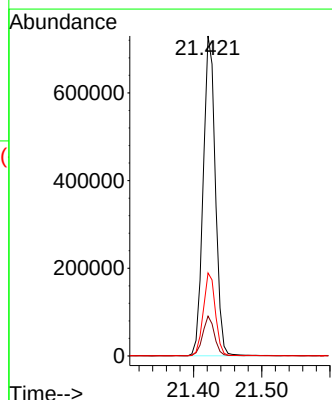
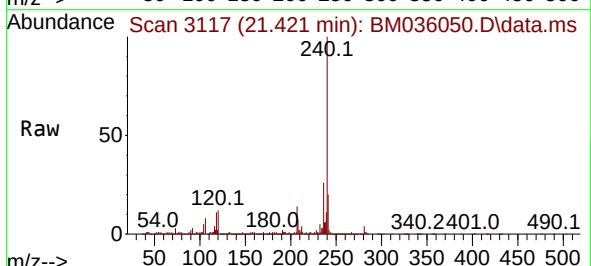
Tgt Ion:240 Resp: 904921

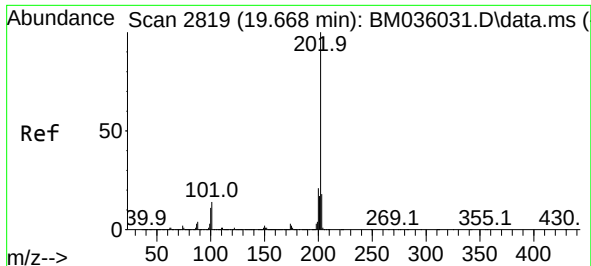
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.0

236 26.0 20.6 30.8

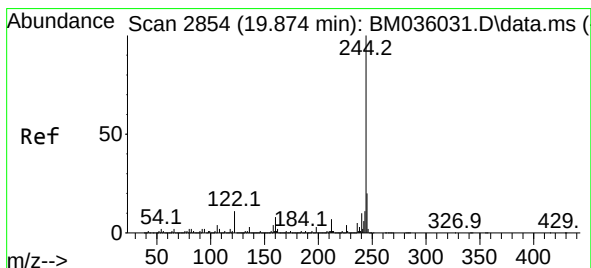
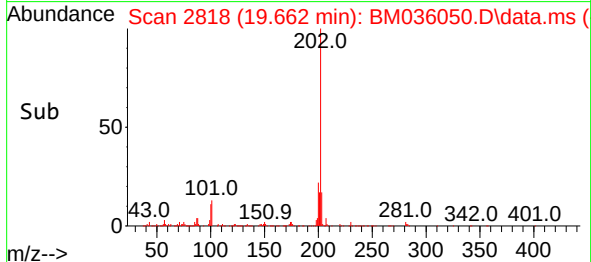
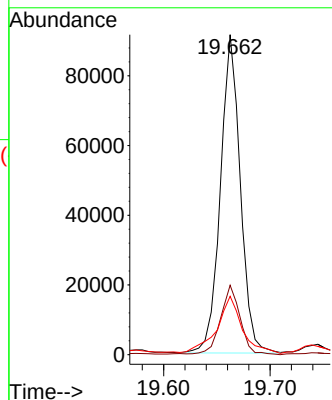
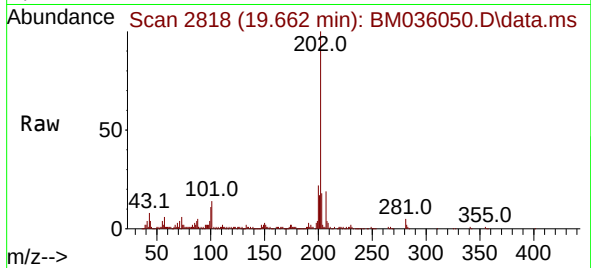




#78
 Pyrene
 Concen: 2.112 ng
 RT: 19.662 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036050.D
 Acq: 02 Aug 2022 13:55

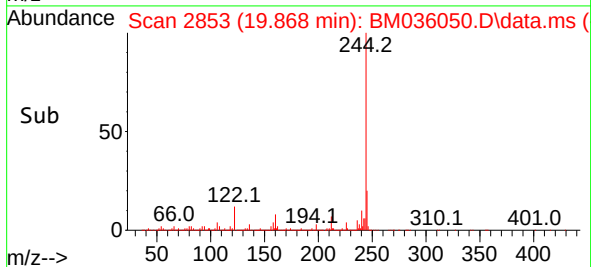
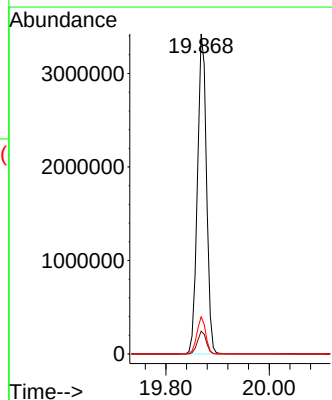
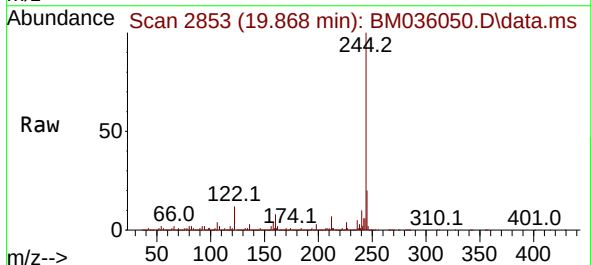
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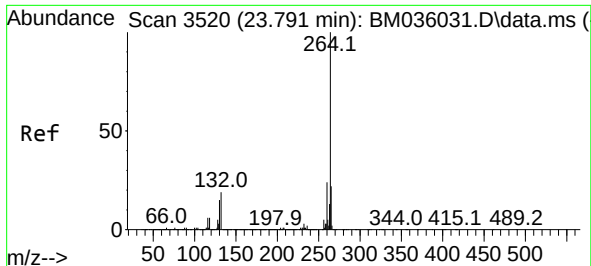
Tgt Ion:202 Resp: 118527
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.7 25.1
 203 18.2 13.9 20.9



#79
 Terphenyl-d14
 Concen: 90.760 ng
 RT: 19.868 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BM036050.D
 Acq: 02 Aug 2022 13:55

Tgt Ion:244 Resp: 4163908
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.6 8.3 12.5

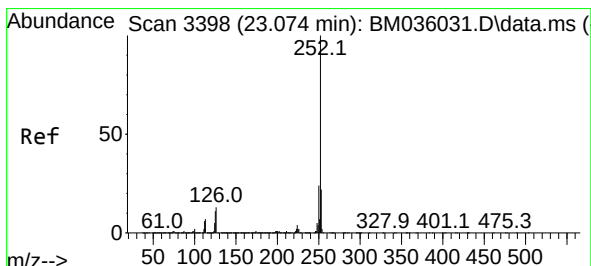
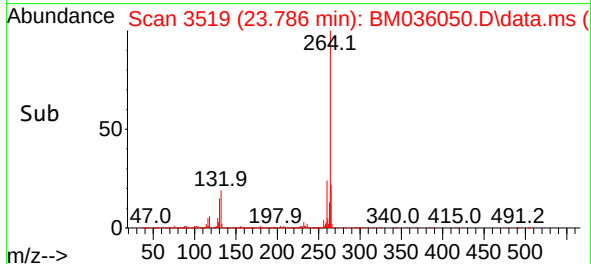
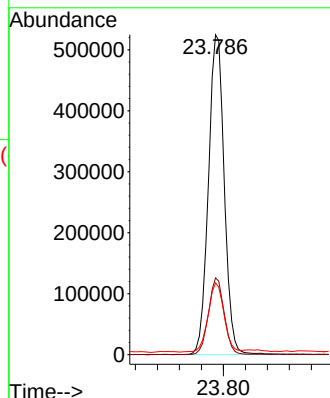
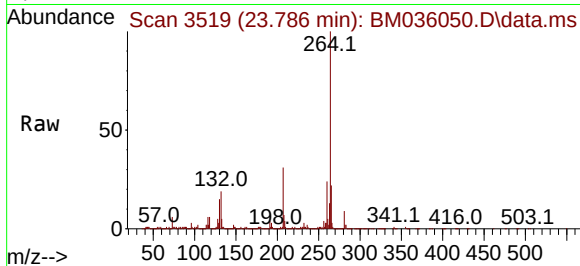




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.786 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM036050.D
 Acq: 02 Aug 2022 13:55

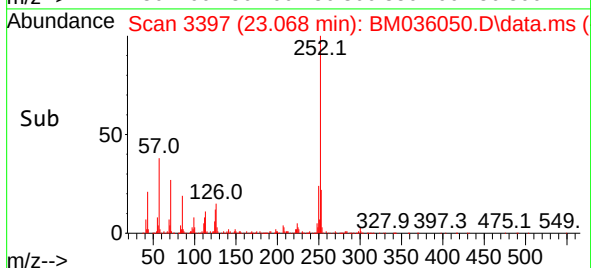
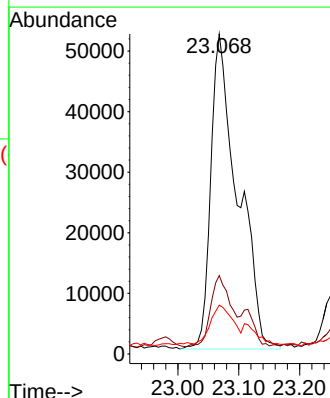
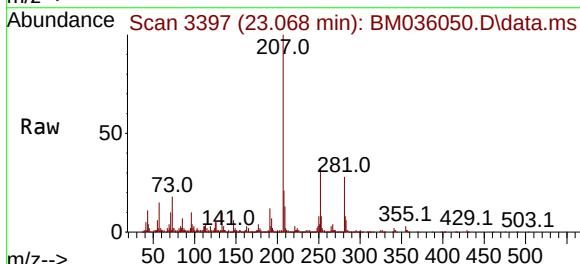
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 RVE-148

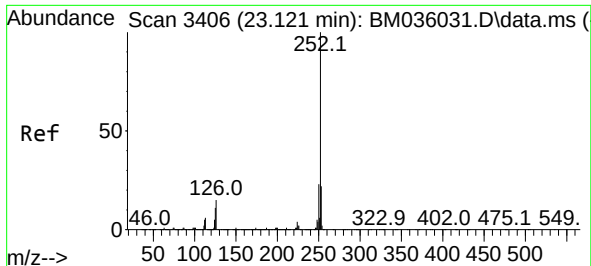
Tgt Ion:264 Resp: 1049177
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.5 17.5 26.3



#88
 Benzo(b)fluoranthene
 Concen: 2.599 ng
 RT: 23.068 min Scan# 3397
 Delta R.T. -0.006 min
 Lab File: BM036050.D
 Acq: 02 Aug 2022 13:55

Tgt Ion:252 Resp: 159775
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.6 26.4
 125 15.2 7.6 11.4#





#89

Benzo(k)fluoranthene

Concen: 2.573 ng

RT: 23.068 min Scan# 31

Delta R.T. -0.053 min

Lab File: BM036050.D

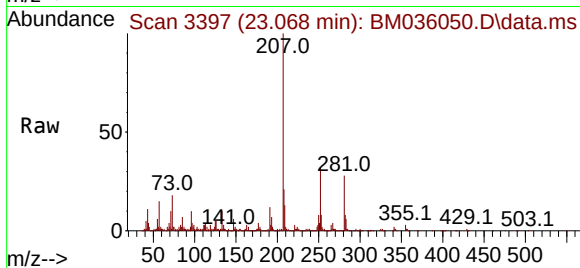
Acq: 02 Aug 2022 13:55

Instrument :

BNA_M

ClientSampleId :

RVE-148



Tgt Ion:252 Resp: 159775

Ion Ratio Lower Upper

252 100

253 24.5 17.5 26.3

125 15.2 7.6 11.4#

