

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036134.D
 Acq On : 06 Aug 2022 00:17
 Operator : CG/JU
 Sample : N3961-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-179

Quant Time: Aug 06 01:14:31 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)

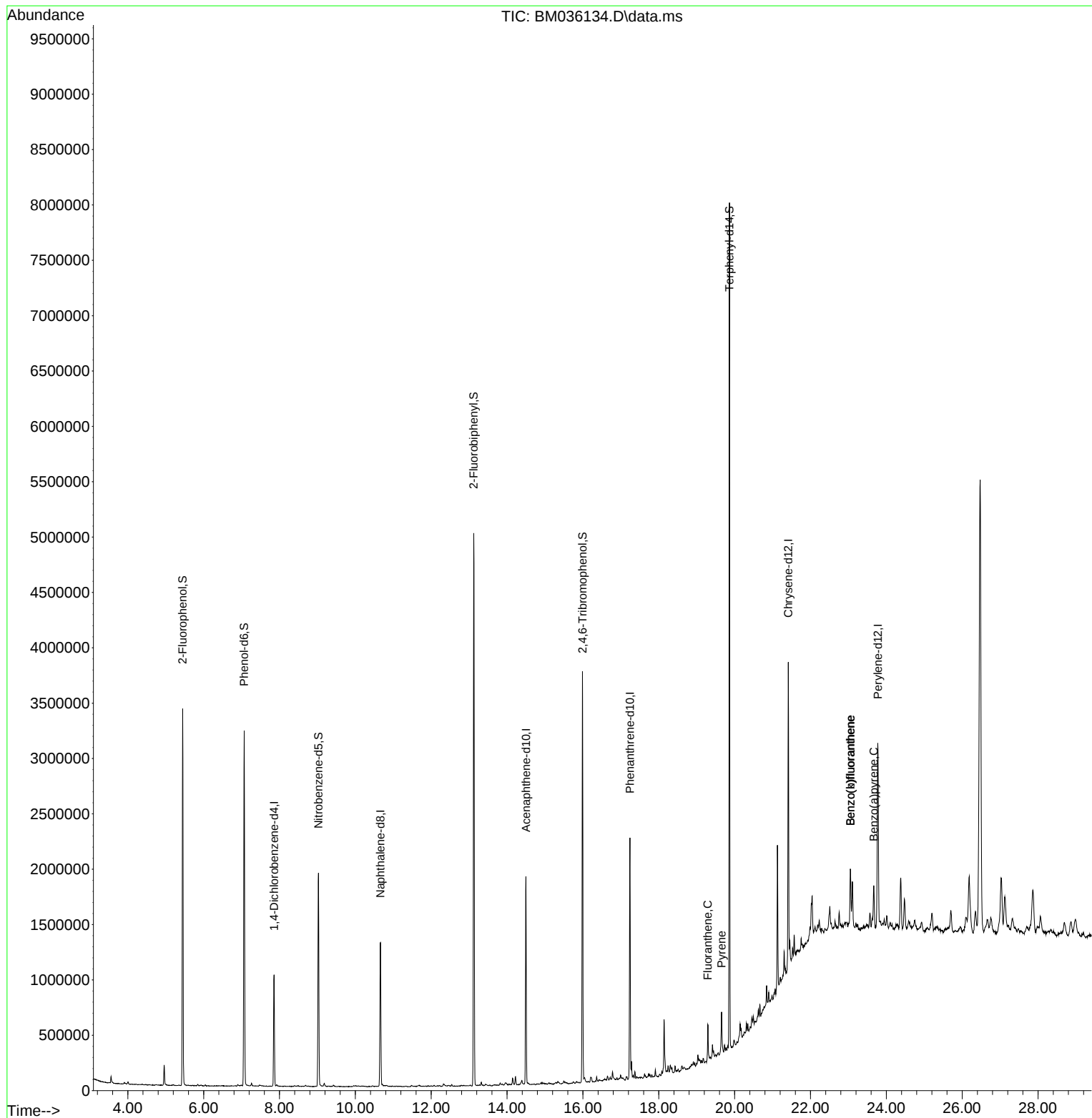
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	278682	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1125051	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	641867	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1260467	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1176466	20.000	ng	0.00
86) Perylene-d12	23.774	264	1227027	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1486351	86.470	ng	0.02
7) Phenol-d6	7.069	99	1833195	83.815	ng	0.04
23) Nitrobenzene-d5	9.028	82	1108223	55.140	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	685323	91.013	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2506398	57.654	ng	0.00
79) Terphenyl-d14	19.862	244	3551463	59.543	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.292	202	156292	2.174	ng	94
78) Pyrene	19.656	202	224084	3.072	ng	99
88) Benzo(b)fluoranthene	23.056	252	222323	3.093	ng	# 87
89) Benzo(k)fluoranthene	23.056	252	222667	3.067	ng	# 87
90) Benzo(a)pyrene	23.668	252	130373	2.161	ng	# 90

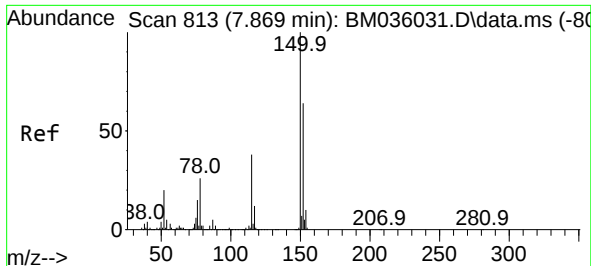
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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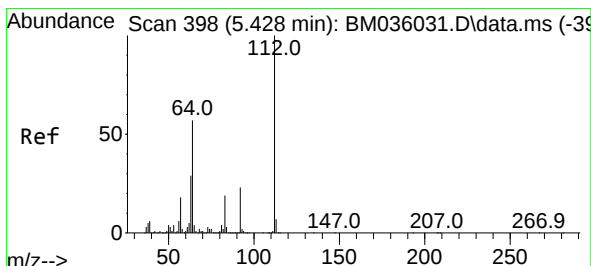
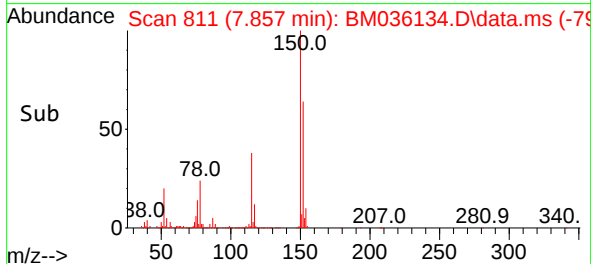
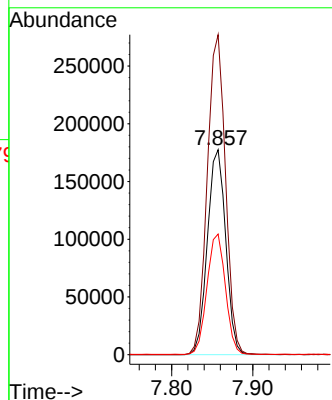
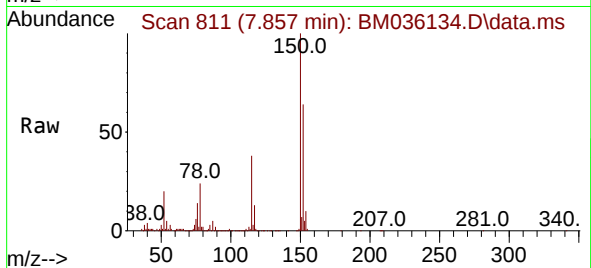




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

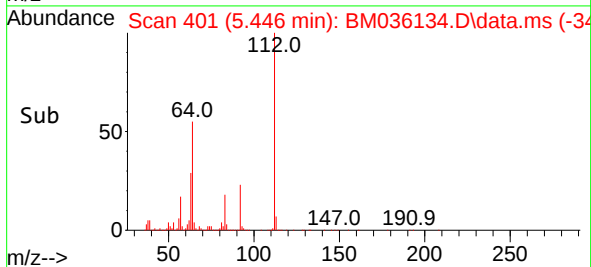
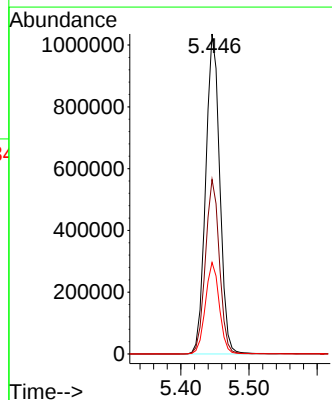
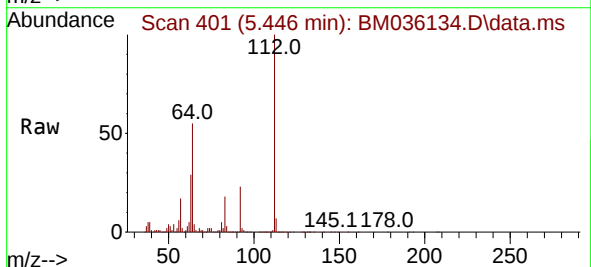
Instrument :
BNA_M
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RVE-179

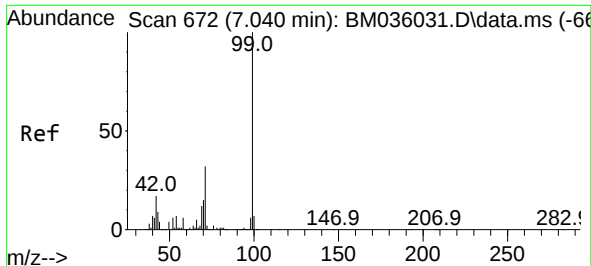
Tgt Ion:152 Resp: 278682
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 58.9 47.9 71.9



#5
2-Fluorophenol
Concen: 86.470 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Tgt Ion:112 Resp: 1486351
Ion Ratio Lower Upper
112 100
64 54.5 47.8 71.6
63 28.6 26.6 40.0

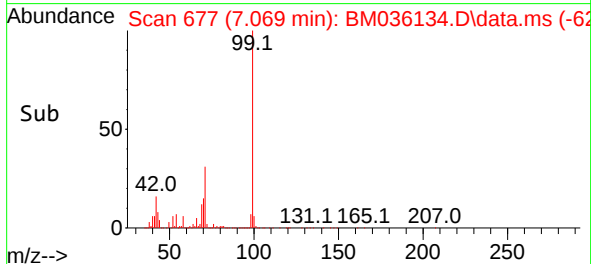
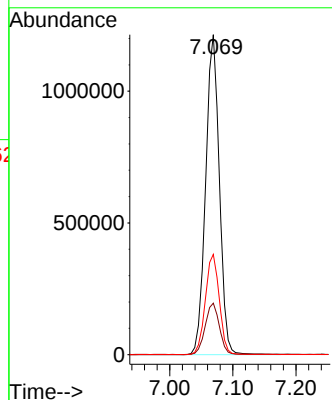
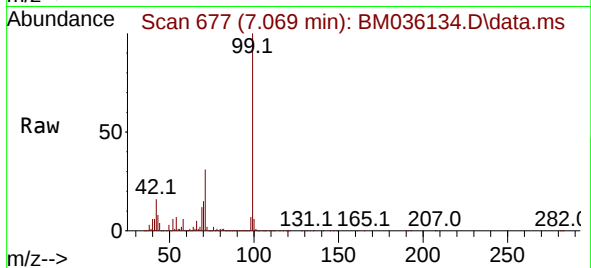




#7
Phenol-d6
Concen: 83.815 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

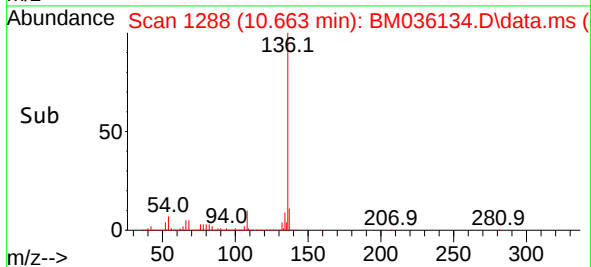
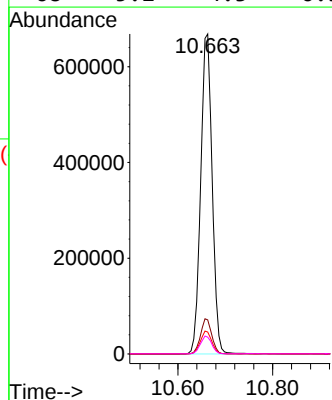
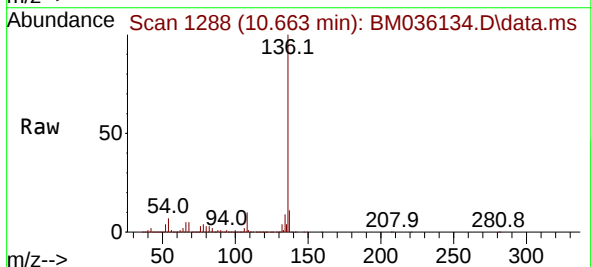
Instrument :
BNA_M
ClientSampleId :
RVE-179

Tgt Ion: 99 Resp: 1833195
Ion Ratio Lower Upper
99 100
42 16.1 18.8 28.2#
71 31.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Tgt Ion: 136 Resp: 1125051
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.9 7.0 10.4#
68 5.2 4.3 6.5

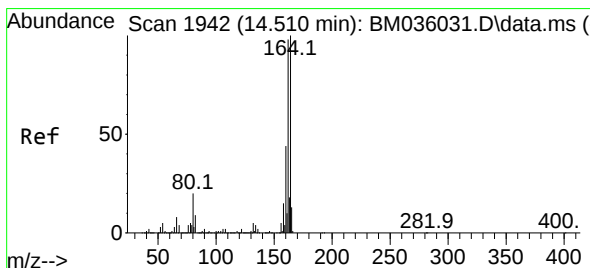
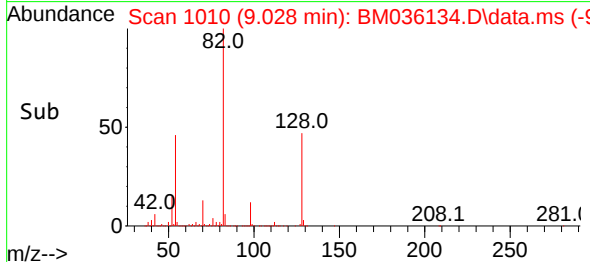
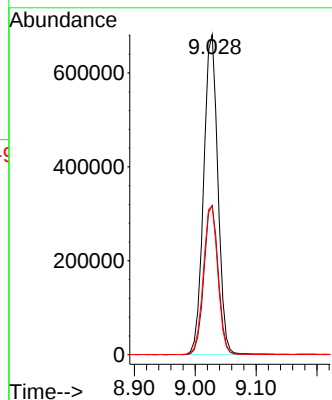
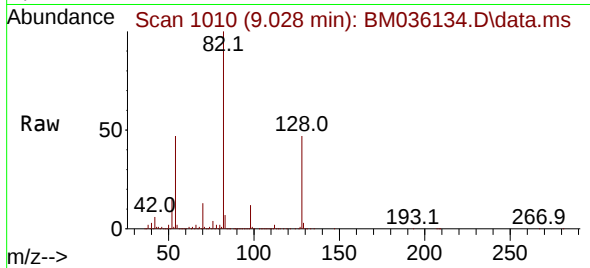




#23
Nitrobenzene-d5
Concen: 55.140 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

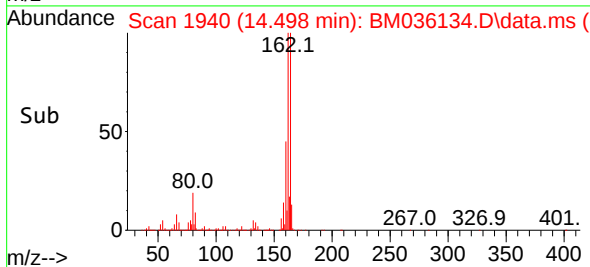
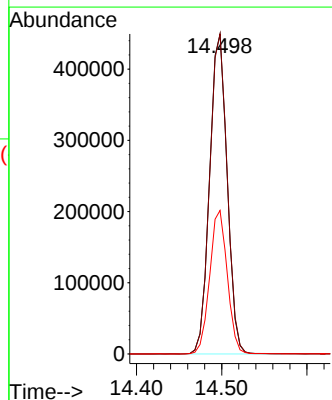
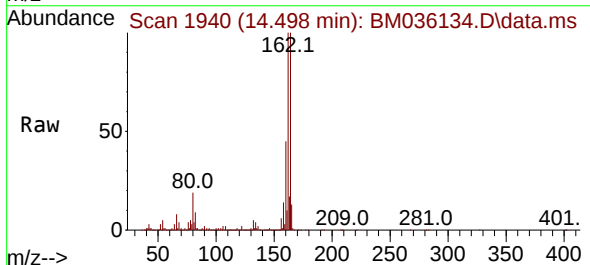
Instrument :
BNA_M
ClientSampleId :
RVE-179

Tgt Ion: 82 Resp: 1108223
Ion Ratio Lower Upper
82 100
128 46.6 33.7 50.5
54 46.5 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: BM036134.D
Acq: 06 Aug 2022 00:17

Tgt Ion:164 Resp: 641867
Ion Ratio Lower Upper
164 100
162 100.0 83.0 124.6
160 44.8 37.0 55.4

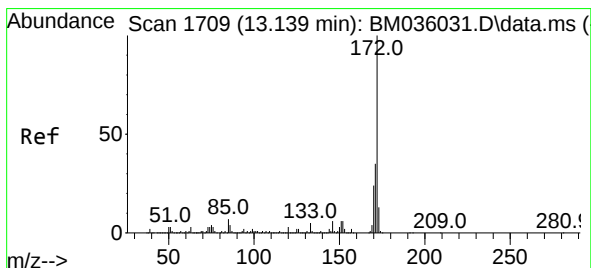
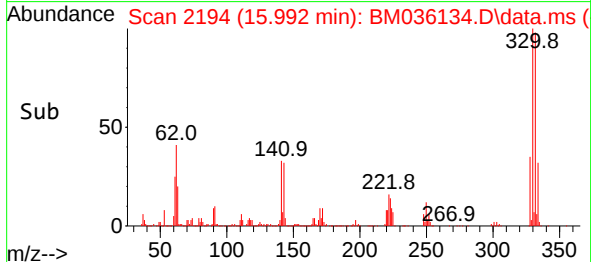
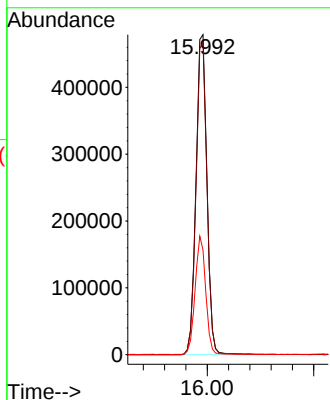
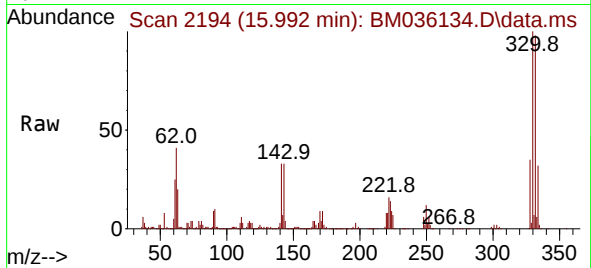




#42
2,4,6-Tribromophenol
Concen: 91.013 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

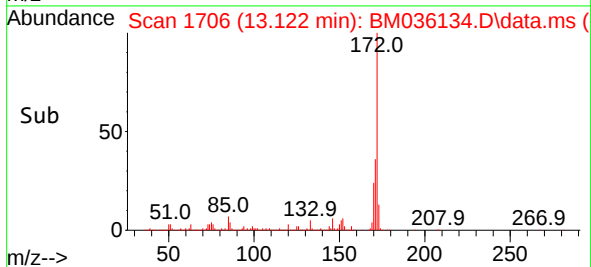
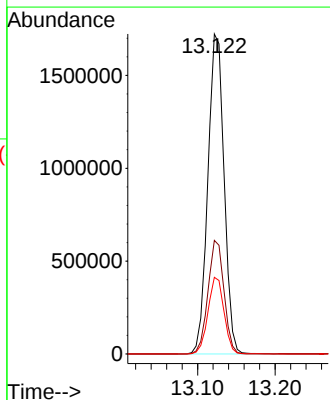
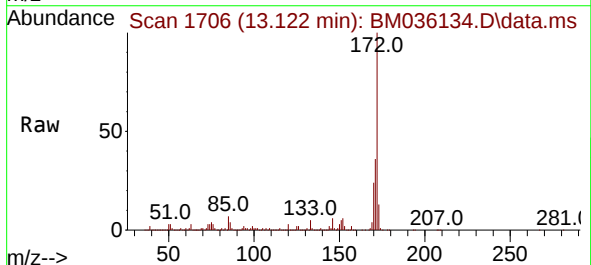
Instrument :
BNA_M
ClientSampleId :
RVE-179

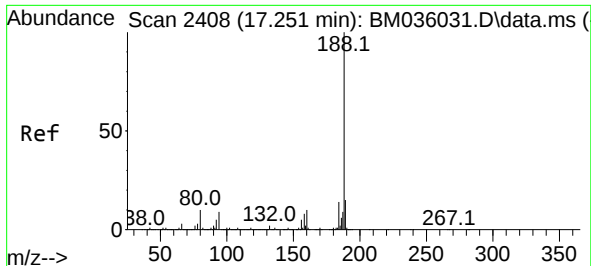
Tgt Ion:330 Resp: 685323
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 35.9 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 57.654 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Tgt Ion:172 Resp: 2506398
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 18.7 28.1

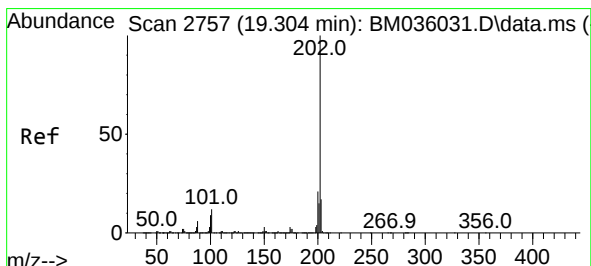
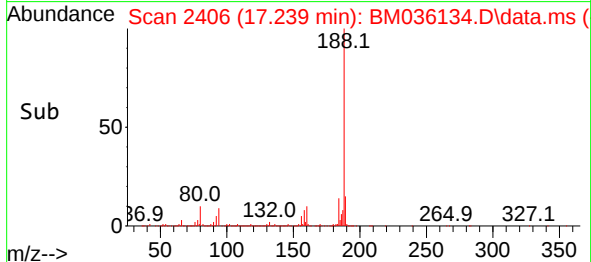
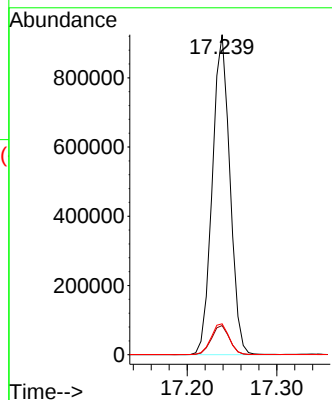
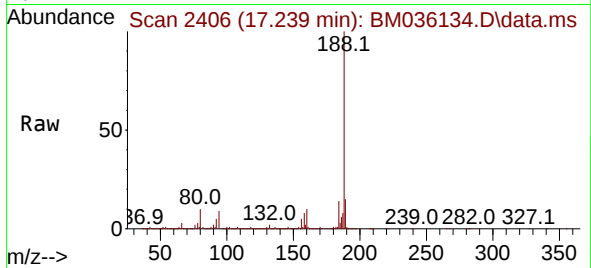




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

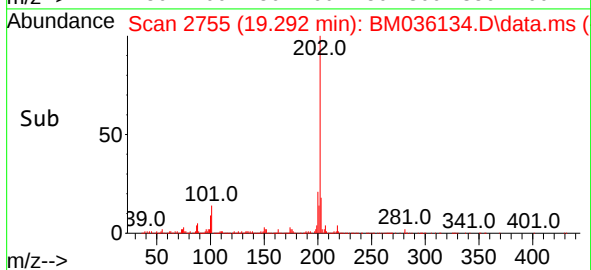
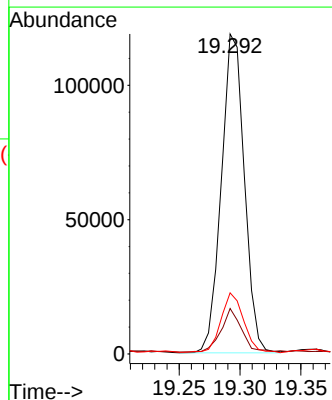
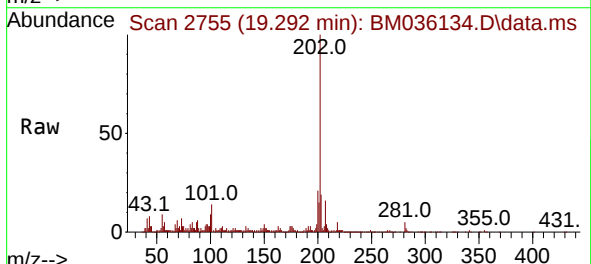
Instrument :
BNA_M
ClientSampleId :
RVE-179

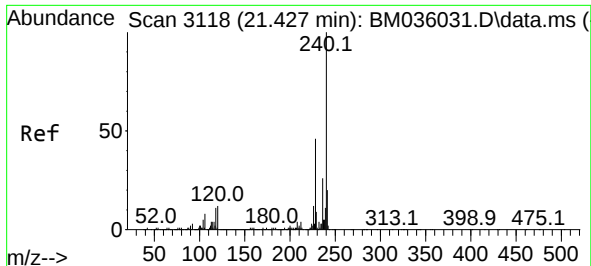
Tgt Ion:188 Resp: 1260467
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.7 7.6 11.4



#75
Fluoranthene
Concen: 2.174 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Tgt Ion:202 Resp: 156292
Ion Ratio Lower Upper
202 100
101 14.2 0.0 30.6
203 19.1 0.0 37.4

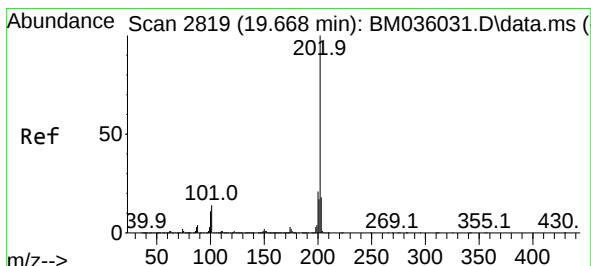
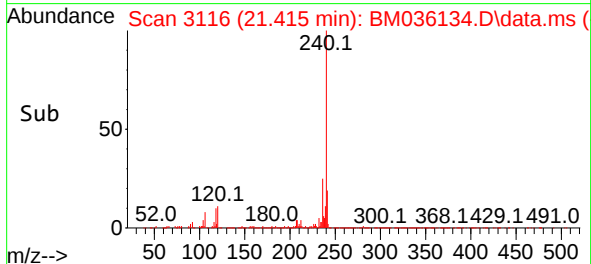
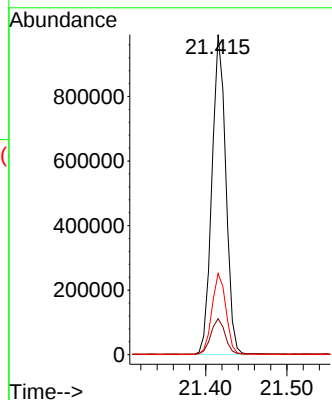
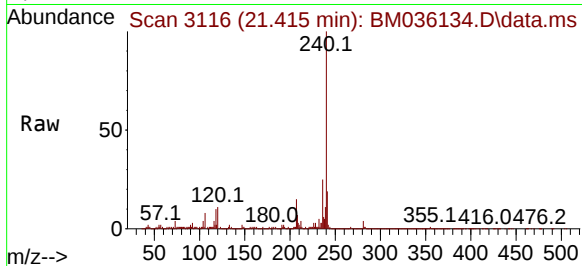




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

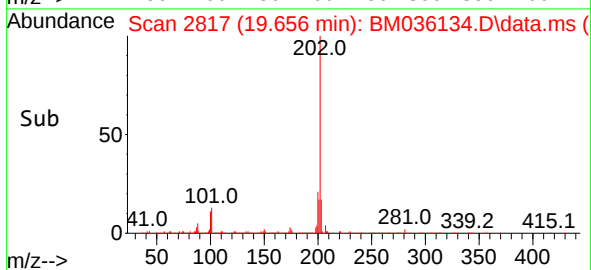
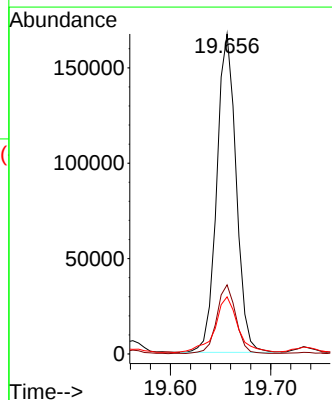
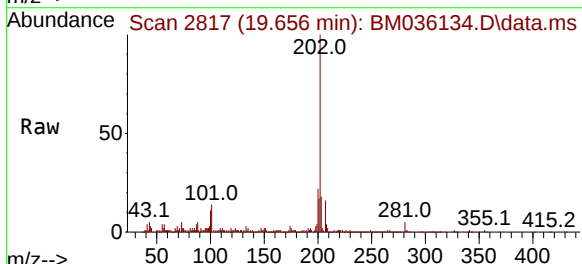
Instrument :
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ClientSampleId :
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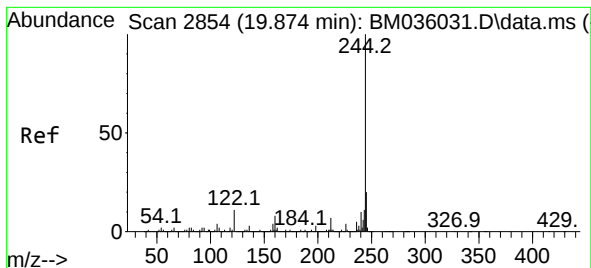
Tgt Ion:240 Resp: 1176466
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 25.4 20.6 30.8



#78
Pyrene
Concen: 3.072 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Tgt Ion:202 Resp: 224084
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 59.543 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036134.D

Acq: 06 Aug 2022 00:17

Instrument :

BNA_M

ClientSampleId :

RVE-179

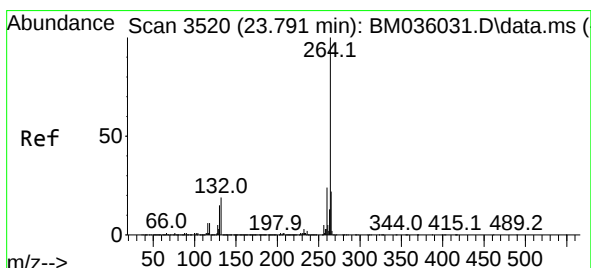
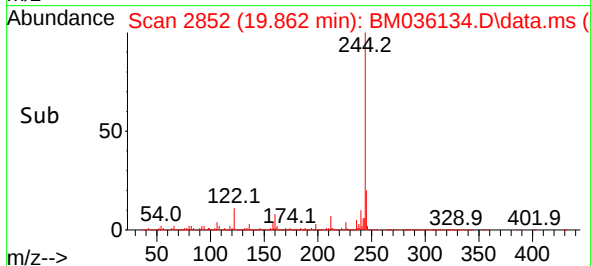
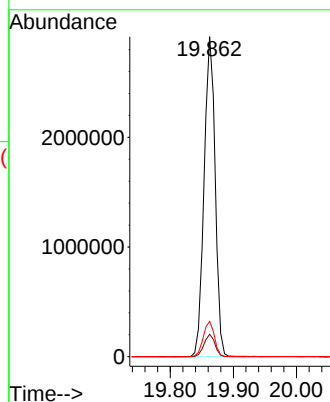
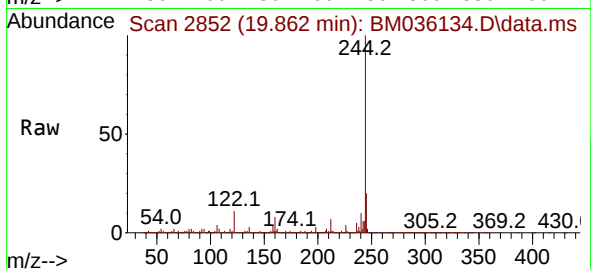
Tgt Ion:244 Resp: 3551463

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 11.1 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.012 min

Lab File: BM036134.D

Acq: 06 Aug 2022 00:17

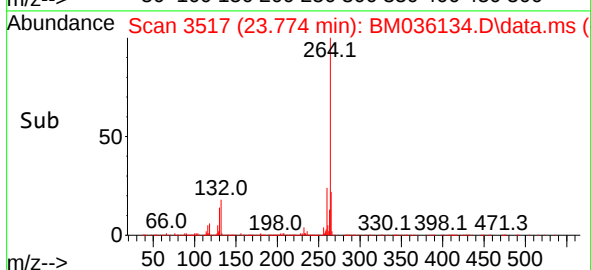
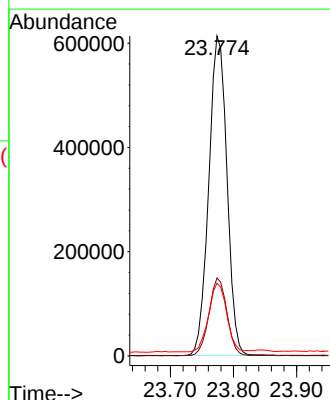
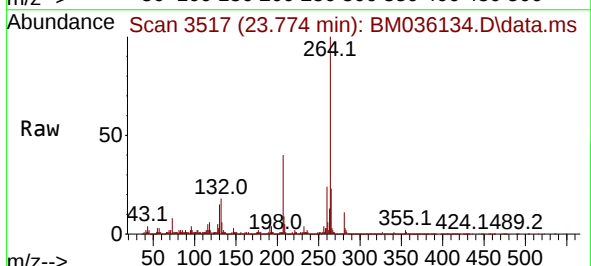
Tgt Ion:264 Resp: 1227027

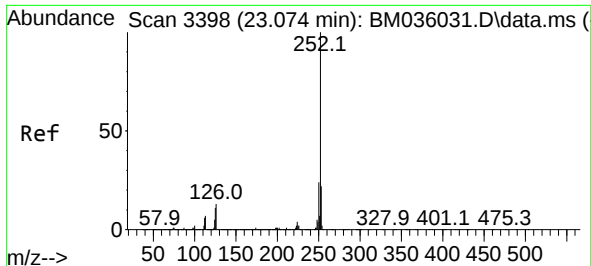
Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.8 17.5 26.3

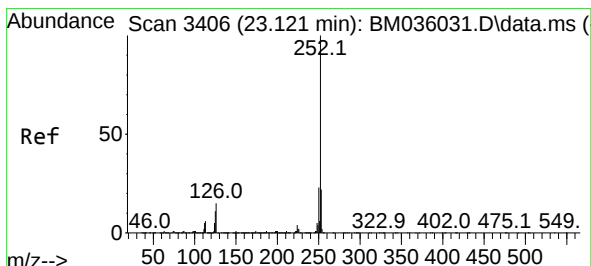
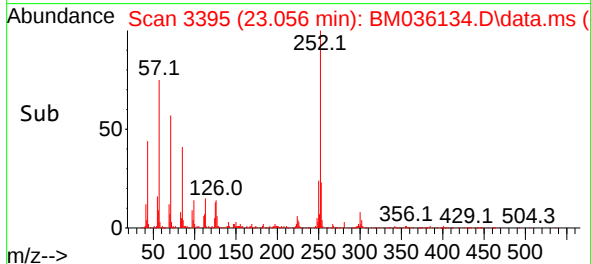
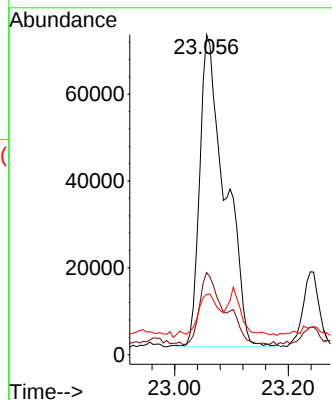
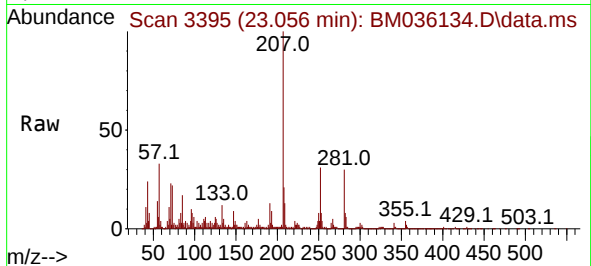




#88
Benzo(b)fluoranthene
Concen: 3.093 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

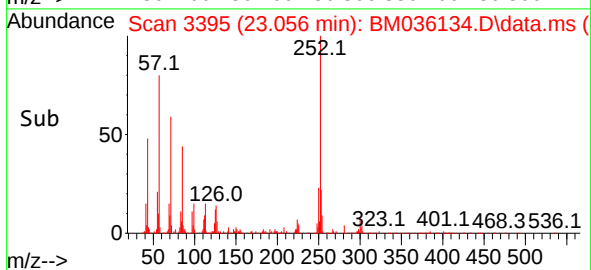
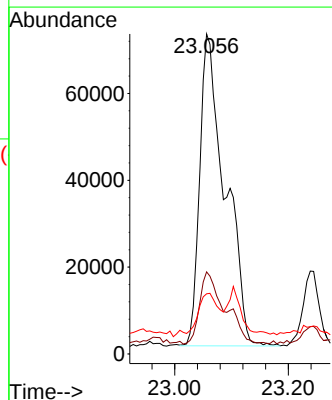
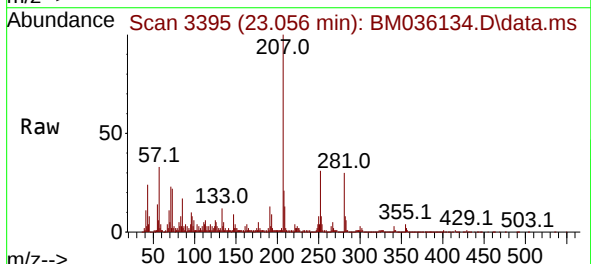
Instrument :
BNA_M
ClientSampleId :
RVE-179

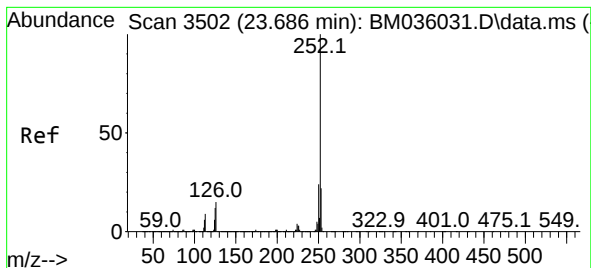
Tgt Ion:252 Resp: 222323
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 18.8 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 3.067 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.059 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Tgt Ion:252 Resp: 222667
Ion Ratio Lower Upper
252 100
253 25.7 17.5 26.3
125 18.8 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 2.161 ng

RT: 23.668 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM036134.D

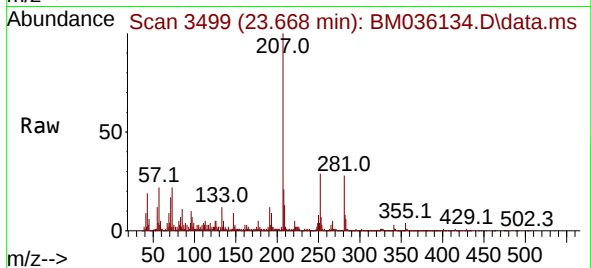
Acq: 06 Aug 2022 00:17

Instrument :

BNA_M

ClientSampleId :

RVE-179



Tgt Ion:252 Resp: 130373

Ion Ratio Lower Upper

252 100

253 24.6 17.2 25.8

125 16.9 8.7 13.1#

