

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036130.D
 Acq On : 05 Aug 2022 21:50
 Operator : CG/JU
 Sample : N3960-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-163

Quant Time: Aug 06 01:13:50 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)

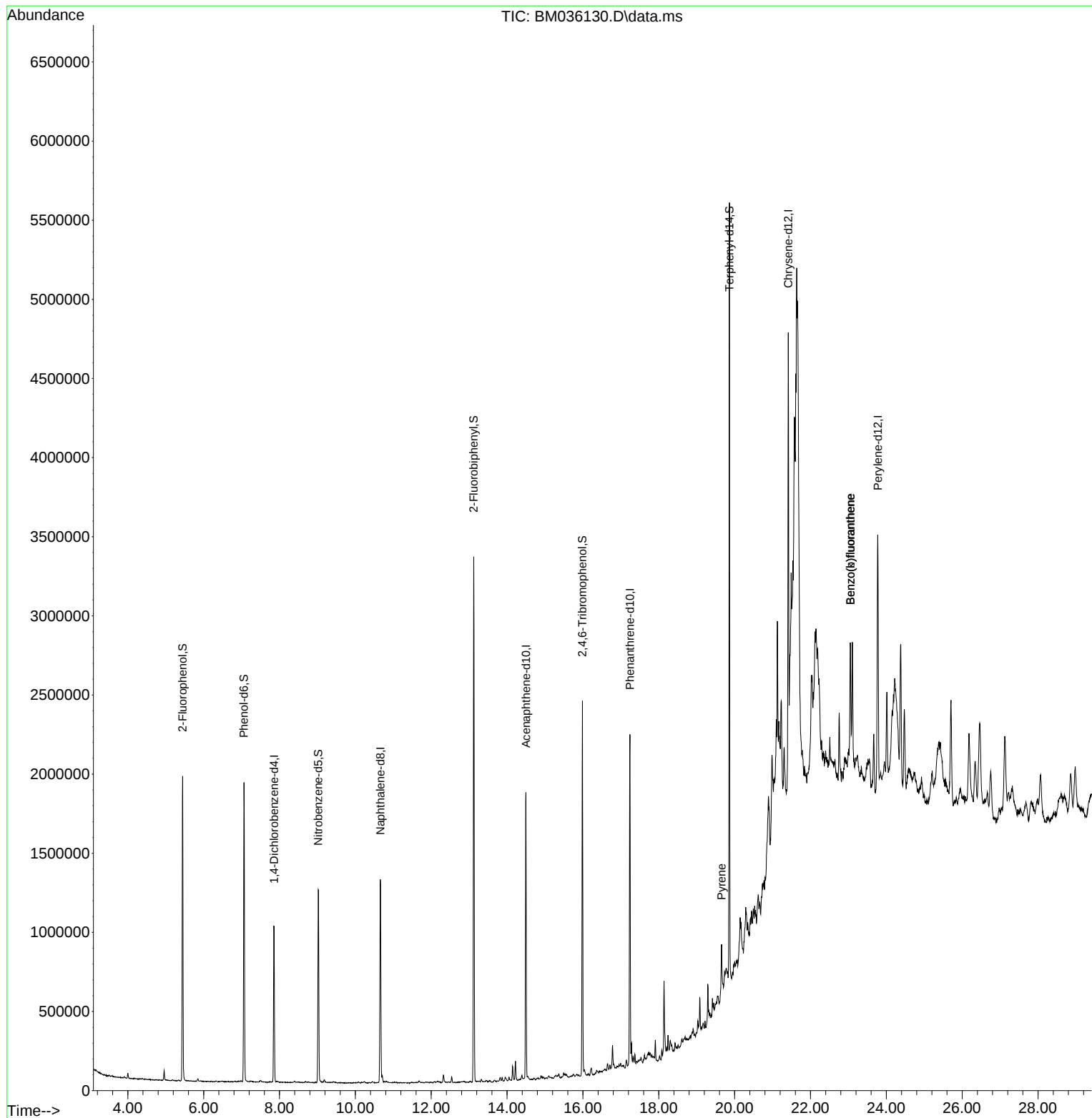
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	273808	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1101600	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	631925	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1232722	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1122551	20.000	ng	0.00
86) Perylene-d12	23.774	264	1197040	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	852789	50.495	ng	0.02
7) Phenol-d6	7.063	99	1075935	50.068	ng	0.03
23) Nitrobenzene-d5	9.022	82	701034	35.622	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	425970	57.460	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1616009	37.758	ng	0.00
79) Terphenyl-d14	19.862	244	2284679	40.144	ng	0.00
Target Compounds						
78) Pyrene	19.657	202	195852	2.814	ng	Qvalue 100
88) Benzo(b)fluoranthene	23.056	252	168801	2.407	ng	# 73
89) Benzo(k)fluoranthene	23.056	252	168801	2.383	ng	# 73

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

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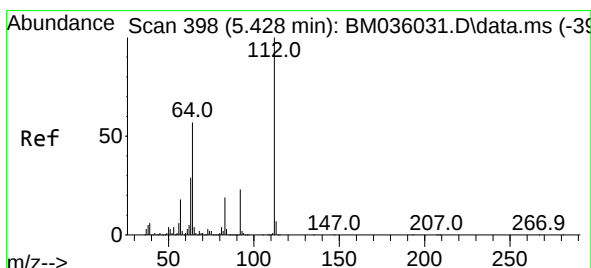
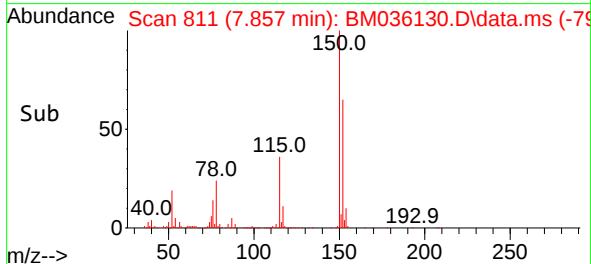
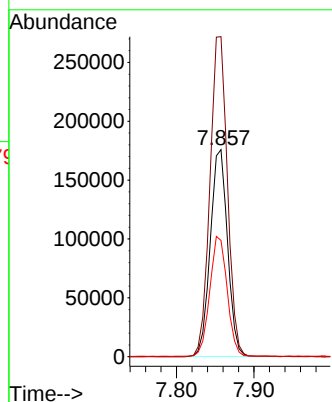
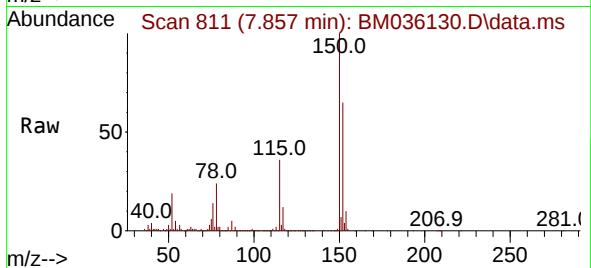




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036130.D
Acq: 05 Aug 2022 21:50

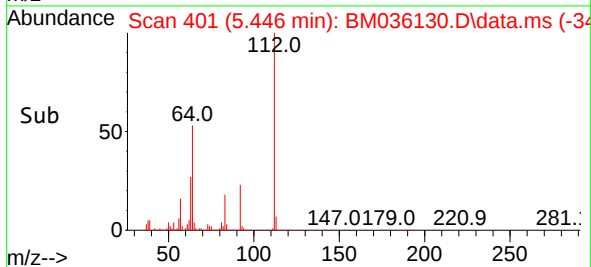
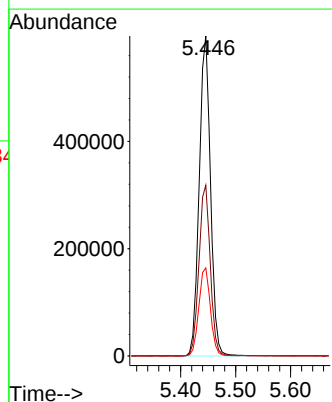
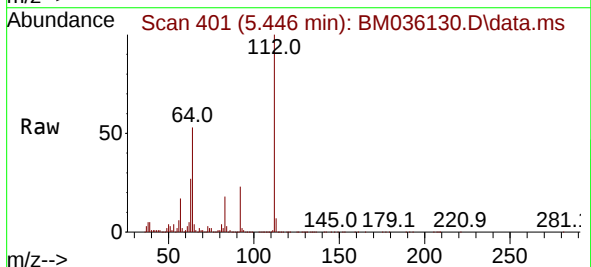
Instrument :
BNA_M
ClientSampleId :
RVE-163

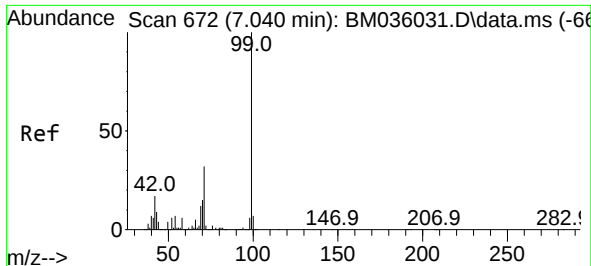
Tgt Ion:152 Resp: 273808
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 56.1 47.9 71.9



#5
2-Fluorophenol
Concen: 50.495 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036130.D
Acq: 05 Aug 2022 21:50

Tgt Ion:112 Resp: 852789
Ion Ratio Lower Upper
112 100
64 53.4 47.8 71.6
63 27.5 26.6 40.0

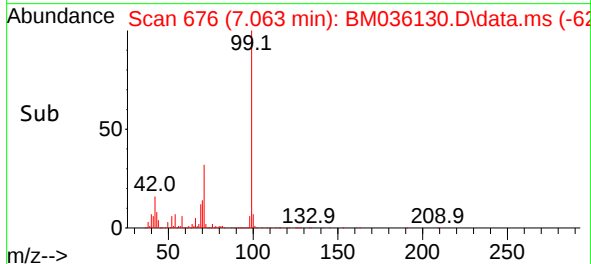
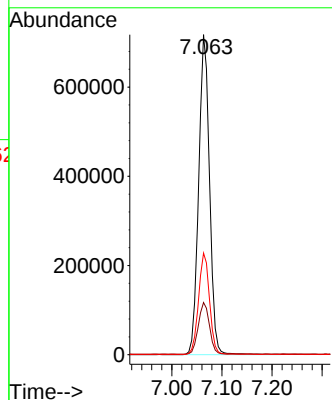
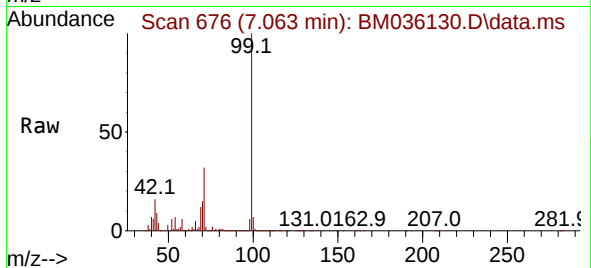




#7
Phenol-d6
Concen: 50.068 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.030 min
Lab File: BM036130.D
Acq: 05 Aug 2022 21:50

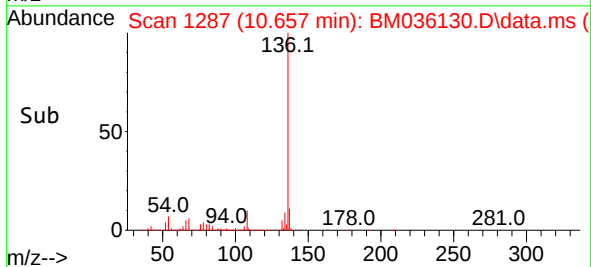
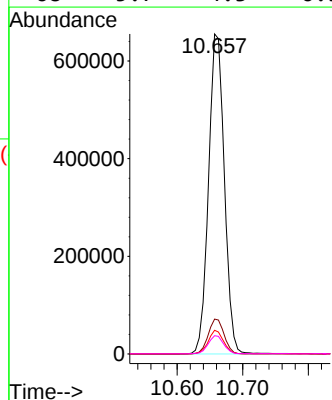
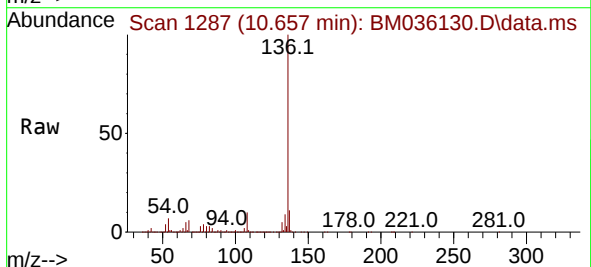
Instrument :
BNA_M
ClientSampleId :
RVE-163

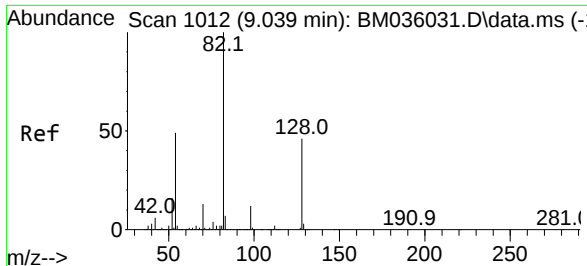
Tgt Ion: 99 Resp: 1075935
Ion Ratio Lower Upper
99 100
42 16.3 18.8 28.2#
71 31.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036130.D
Acq: 05 Aug 2022 21:50

Tgt Ion: 136 Resp: 1101600
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 7.0 10.4
68 5.7 4.3 6.5

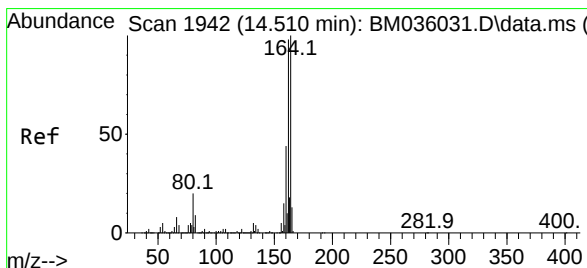
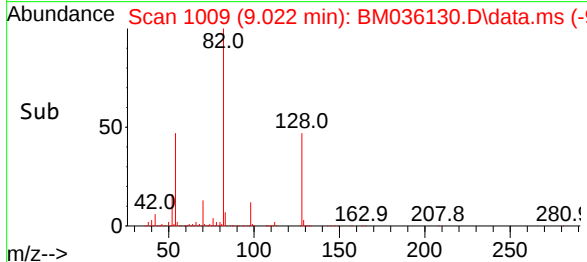
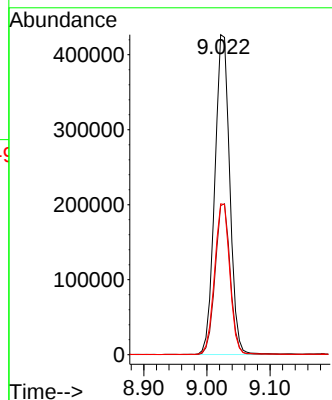
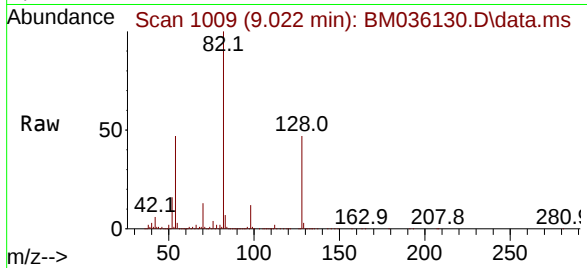




#23
Nitrobenzene-d5
Concen: 35.622 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM036130.D
Acq: 05 Aug 2022 21:50

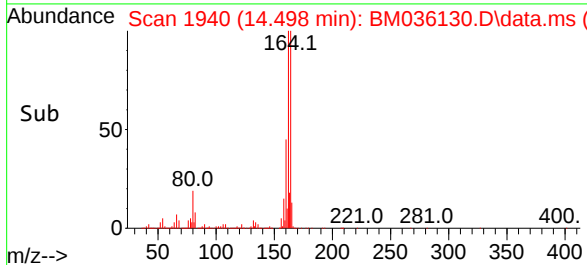
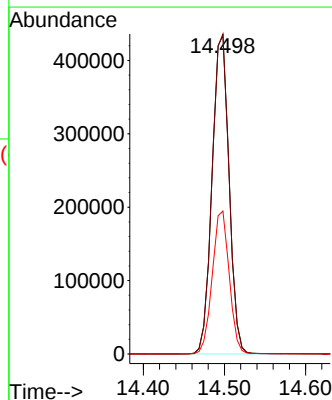
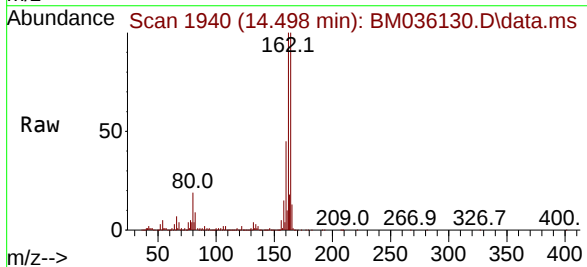
Instrument :
BNA_M
ClientSampleId :
RVE-163

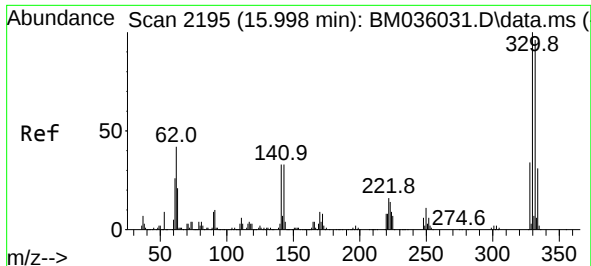
Tgt Ion: 82 Resp: 701034
Ion Ratio Lower Upper
82 100
128 46.6 33.7 50.5
54 47.2 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036130.D
Acq: 05 Aug 2022 21:50

Tgt Ion: 164 Resp: 631925
Ion Ratio Lower Upper
164 100
162 100.4 83.0 124.6
160 44.9 37.0 55.4

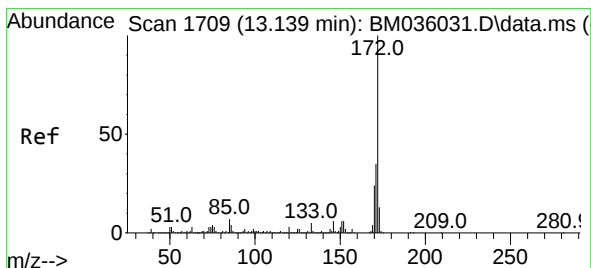
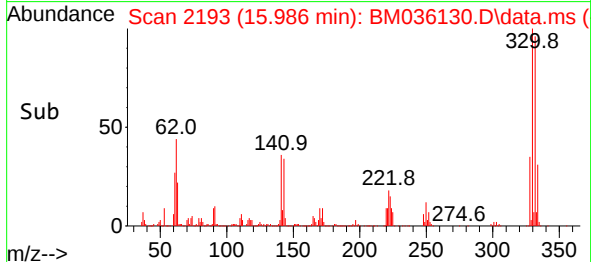
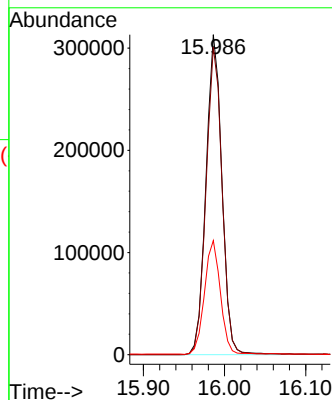
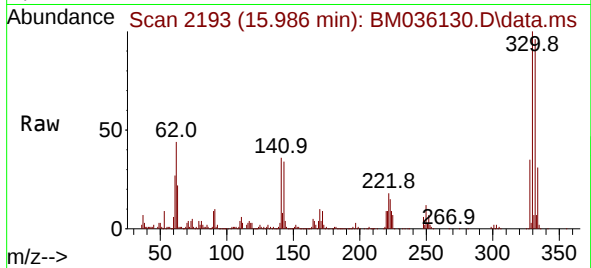




#42
2,4,6-Tribromophenol
Concen: 57.460 ng
RT: 15.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BM036130.D
Acq: 05 Aug 2022 21:50

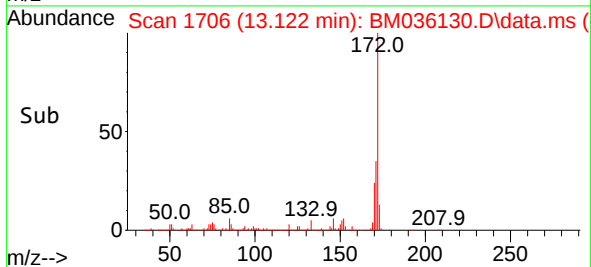
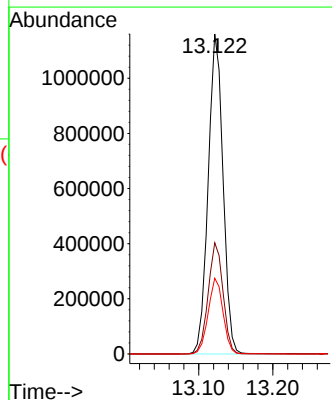
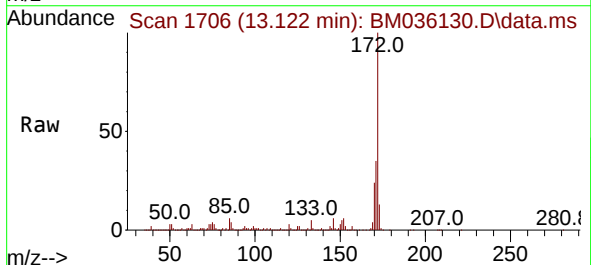
Instrument :
BNA_M
ClientSampleId :
RVE-163

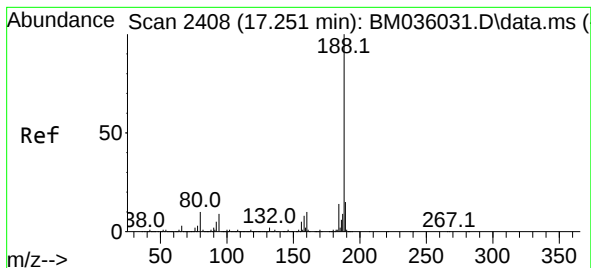
Tgt Ion:330 Resp: 425970
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 35.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 37.758 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036130.D
Acq: 05 Aug 2022 21:50

Tgt Ion:172 Resp: 1616009
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM036130.D

Acq: 05 Aug 2022 21:50

Instrument :

BNA_M

ClientSampleId :

RVE-163

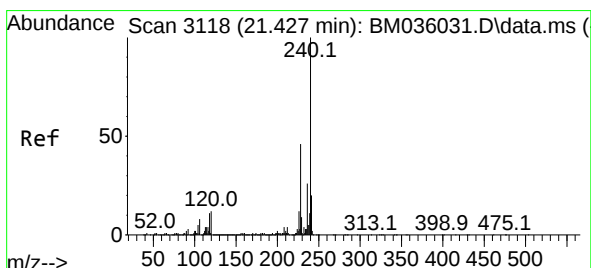
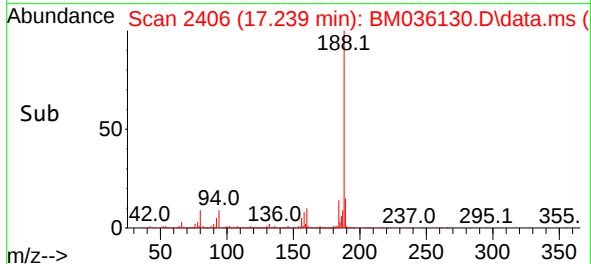
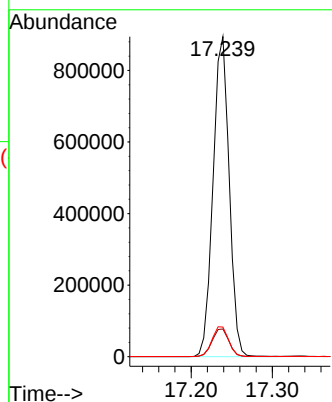
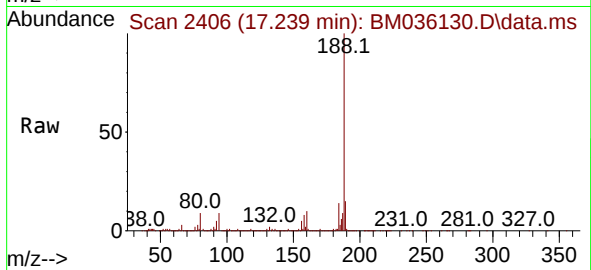
Tgt Ion:188 Resp: 1232722

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.2 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM036130.D

Acq: 05 Aug 2022 21:50

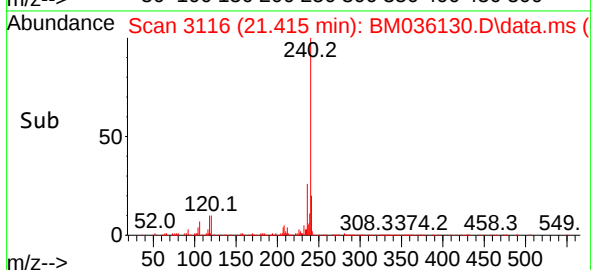
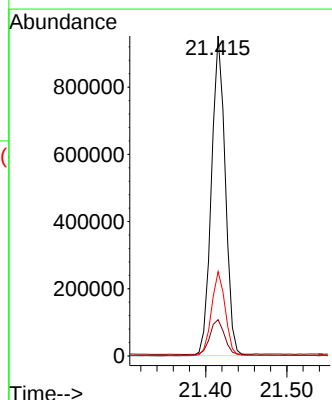
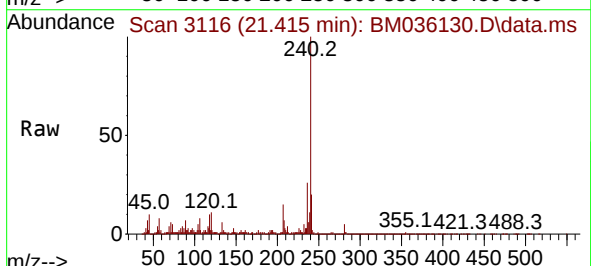
Tgt Ion:240 Resp: 1122551

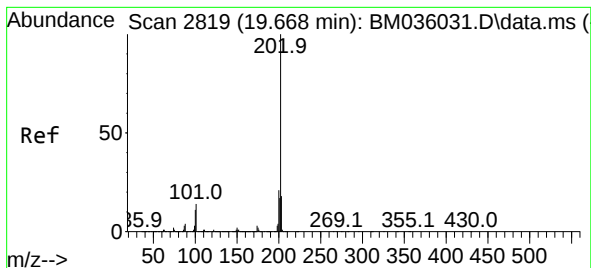
Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.0

236 26.4 20.6 30.8





#78

Pyrene

Concen: 2.814 ng

RT: 19.657 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM036130.D

Acq: 05 Aug 2022 21:50

Instrument :

BNA_M

ClientSampleId :

RVE-163

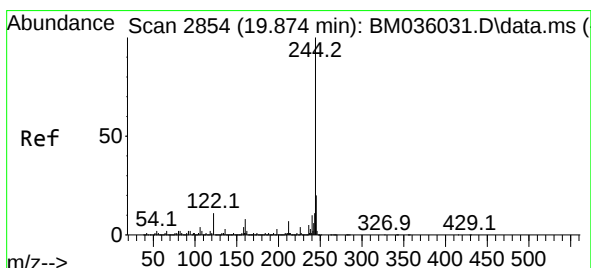
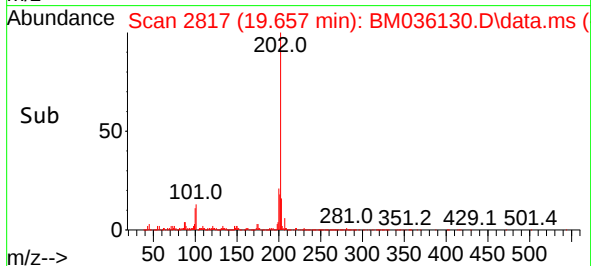
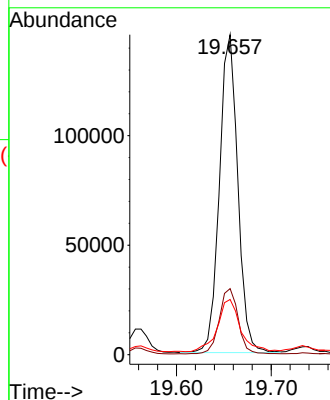
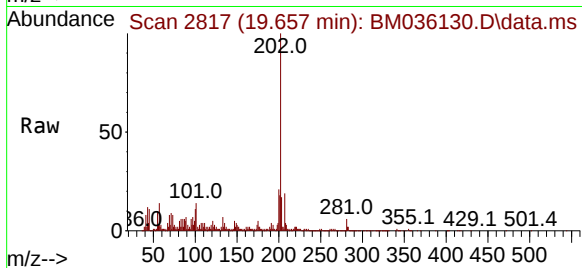
Tgt Ion:202 Resp: 195852

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 17.2 13.9 20.9



#79

Terphenyl-d14

Concen: 40.144 ng

RT: 19.862 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM036130.D

Acq: 05 Aug 2022 21:50

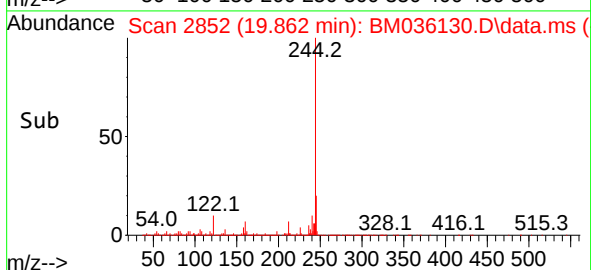
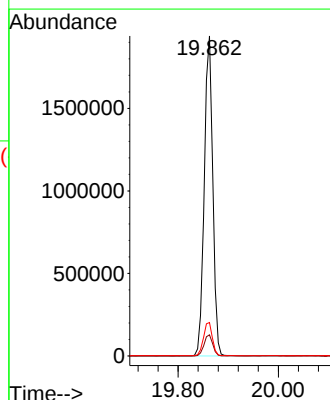
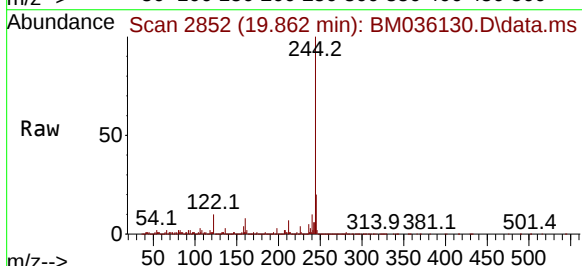
Tgt Ion:244 Resp: 2284679

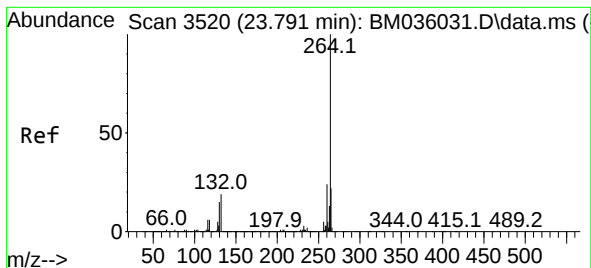
Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.4

122 10.5 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM036130.D

Acq: 05 Aug 2022 21:50

Instrument :

BNA_M

ClientSampleId :

RVE-163

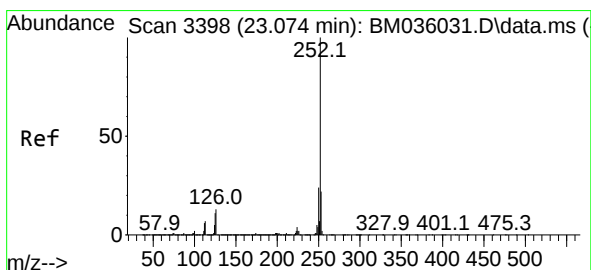
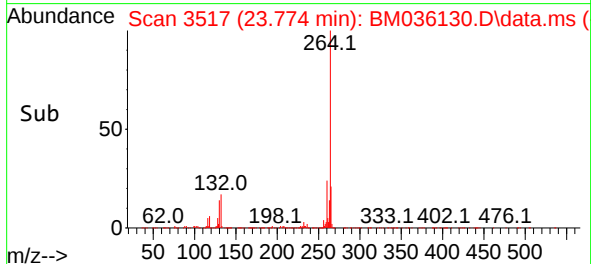
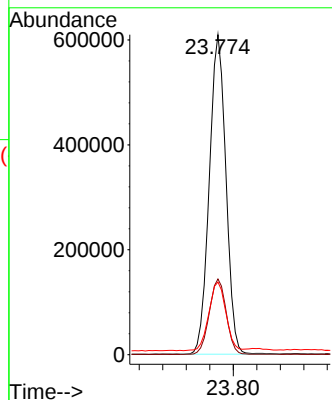
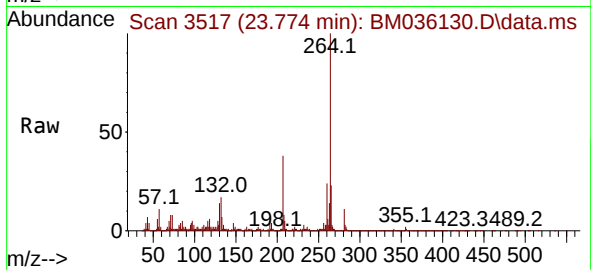
Tgt Ion:264 Resp: 1197040

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.7 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.407 ng

RT: 23.056 min Scan# 3395

Delta R.T. -0.012 min

Lab File: BM036130.D

Acq: 05 Aug 2022 21:50

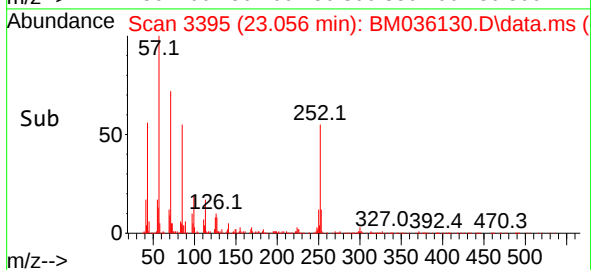
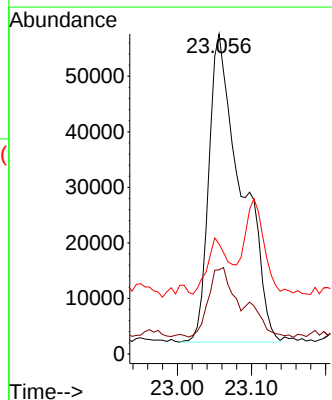
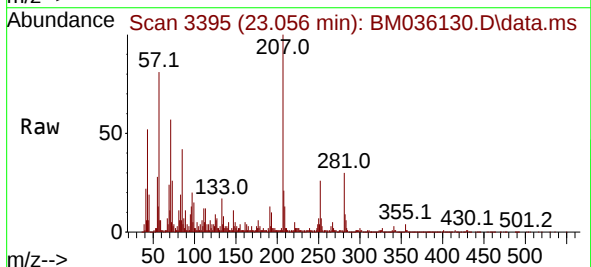
Tgt Ion:252 Resp: 168801

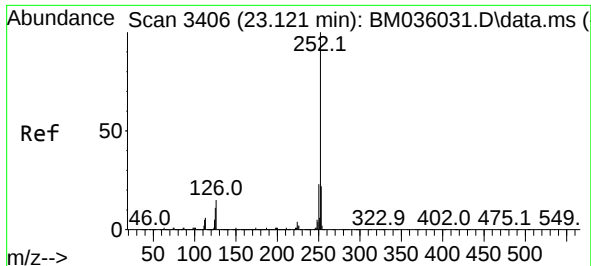
Ion Ratio Lower Upper

252 100

253 26.3 17.6 26.4

125 34.4 7.6 11.4#





#89

Benzo(k)fluoranthene

Concen: 2.383 ng

RT: 23.056 min Scan# 31

Delta R.T. -0.059 min

Lab File: BM036130.D

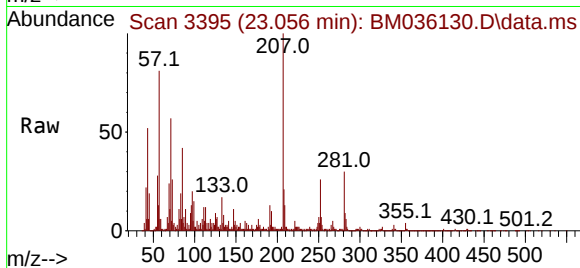
Acq: 05 Aug 2022 21:50

Instrument :

BNA_M

ClientSampleId :

RVE-163



Tgt Ion:252 Resp: 168801

Ion Ratio Lower Upper

252 100

253 26.3 17.5 26.3#

125 34.4 7.6 11.4#

