

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036154.D
 Acq On : 08 Aug 2022 21:11
 Operator : CG/JU
 Sample : N3963-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-216

Quant Time: Aug 08 23:41:25 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 08 23:36:56 2022
 Response via : Initial Calibration

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

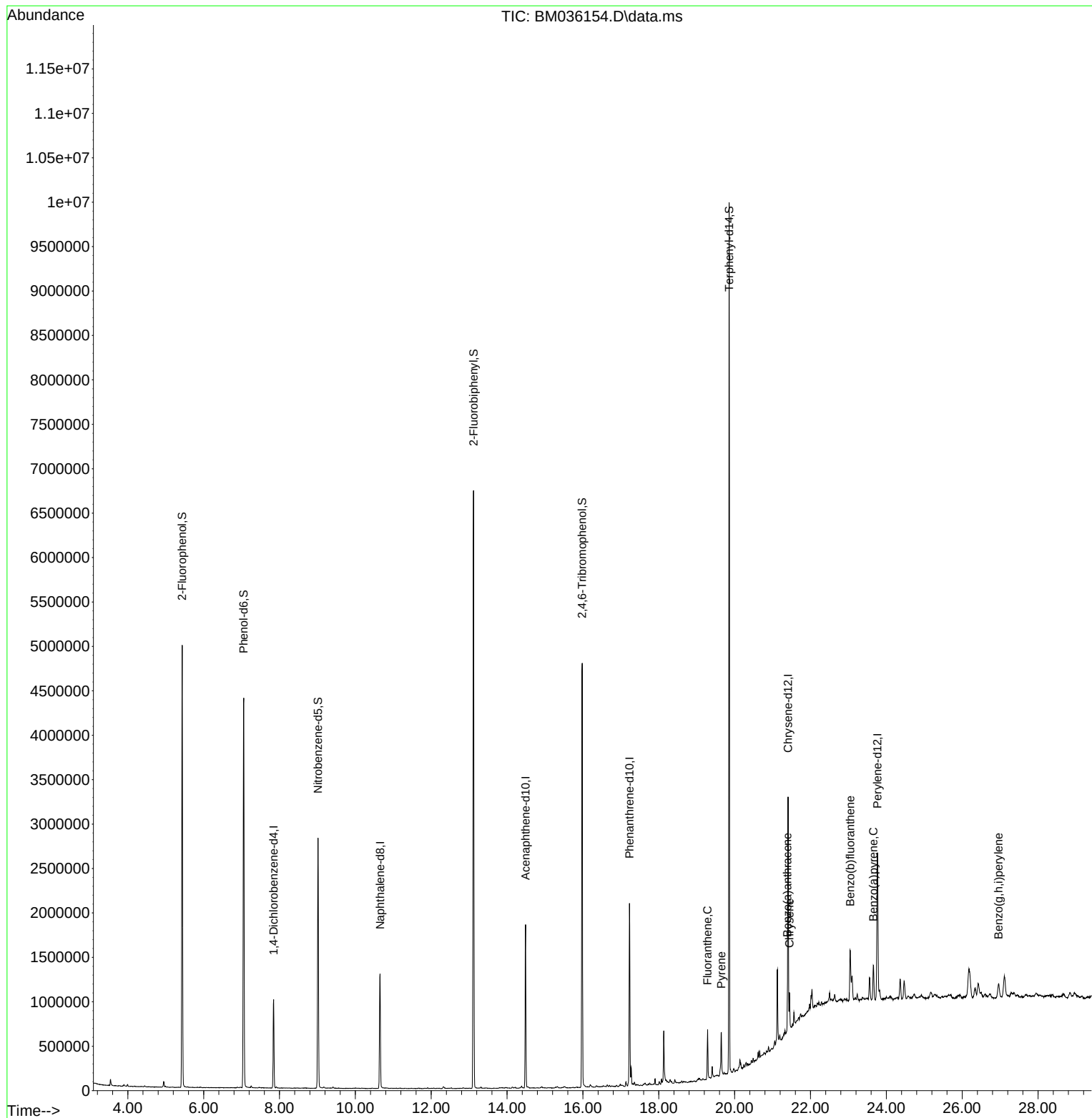
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	269425	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1094646	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	615421	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1178705	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1111270	20.000	ng	-0.01
86) Perylene-d12	23.768	264	1212322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2091818	125.875	ng	0.00
7) Phenol-d6	7.057	99	2558537	120.997	ng	0.00
23) Nitrobenzene-d5	9.016	82	1571917	80.383	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	869296	120.406	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	3325946	79.794	ng	0.00
79) Terphenyl-d14	19.856	244	4442555	78.853	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.286	202	292365	4.349	ng	99
78) Pyrene	19.650	202	295288	4.285	ng	100
81) Benzo(a)anthracene	21.391	228	188843	2.759	ng	99
83) Chrysene	21.444	228	218096	3.352	ng	98
88) Benzo(b)fluoranthene	23.050	252	360845	5.080	ng	# 95
90) Benzo(a)pyrene	23.662	252	248744	4.174	ng	# 96
92) Benzo(g,h,i)perylene	26.962	276	202572	2.934	ng	99

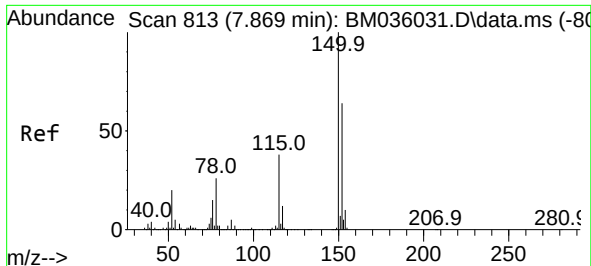
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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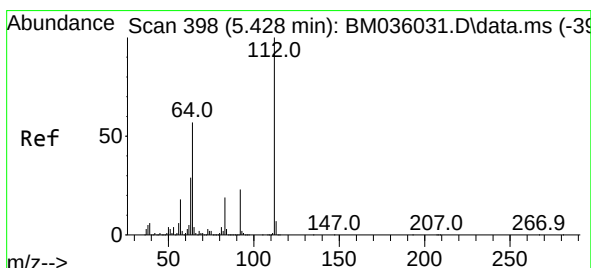
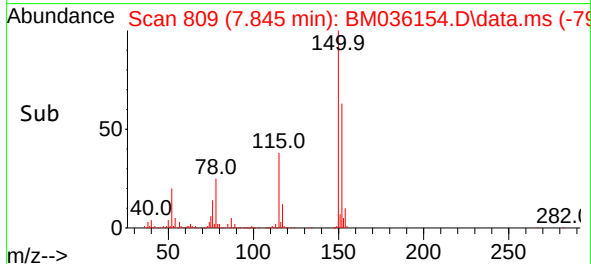
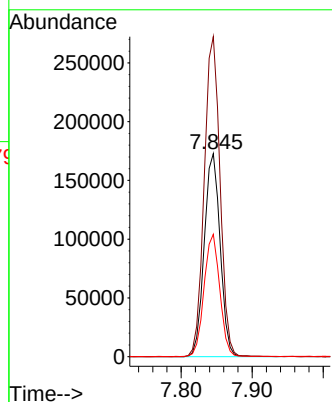
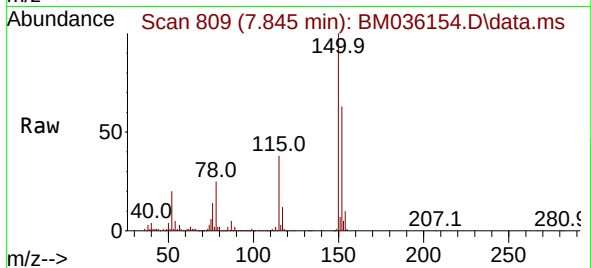




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

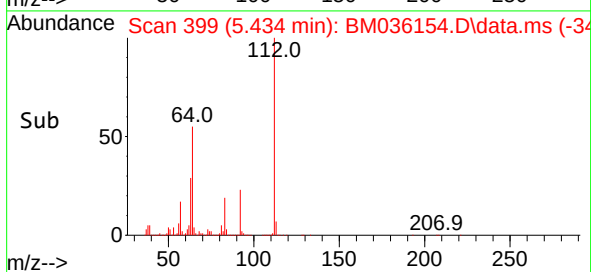
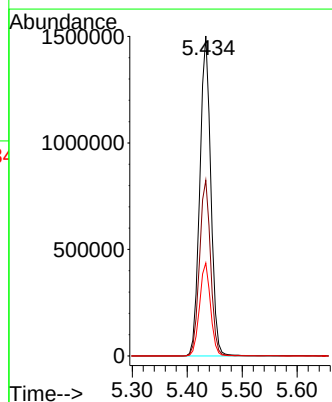
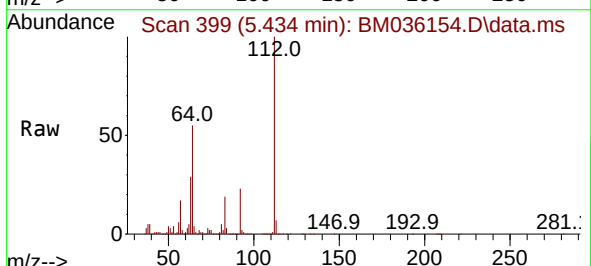
Instrument :
BNA_M
ClientSampleId :
RVE-216

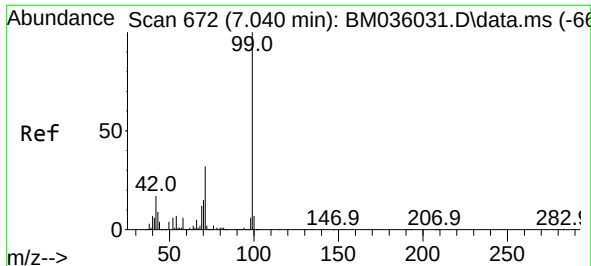
Tgt Ion:152 Resp: 269425
Ion Ratio Lower Upper
152 100
150 157.7 124.9 187.3
115 60.3 47.9 71.9



#5
2-Fluorophenol
Concen: 125.875 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

Tgt Ion:112 Resp: 2091818
Ion Ratio Lower Upper
112 100
64 54.9 47.8 71.6
63 29.0 26.6 40.0

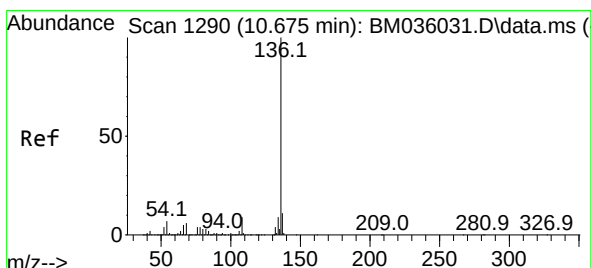
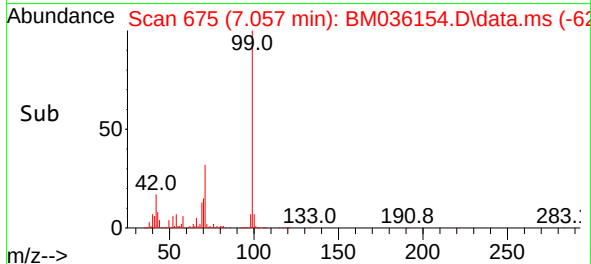
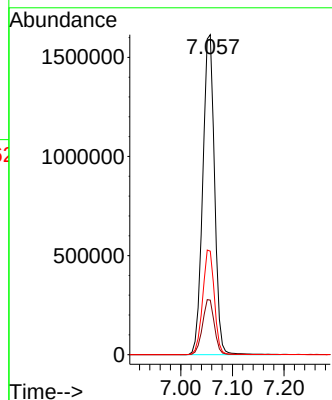
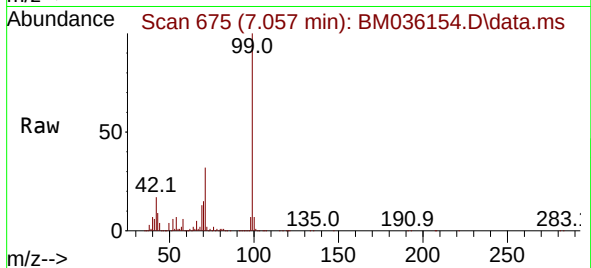




#7
Phenol-d6
Concen: 120.997 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

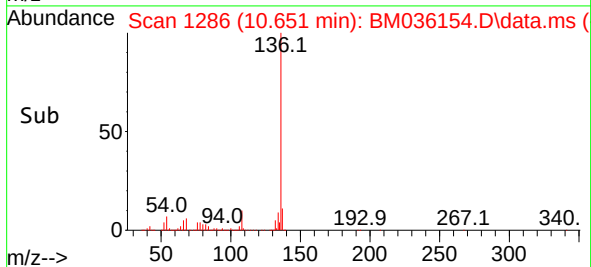
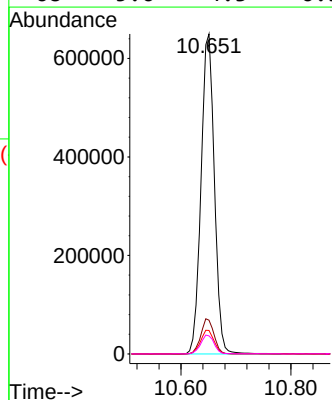
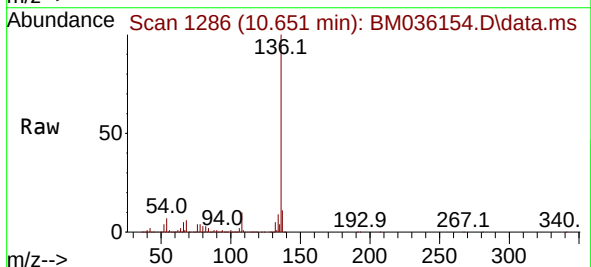
Instrument :
BNA_M
ClientSampleId :
RVE-216

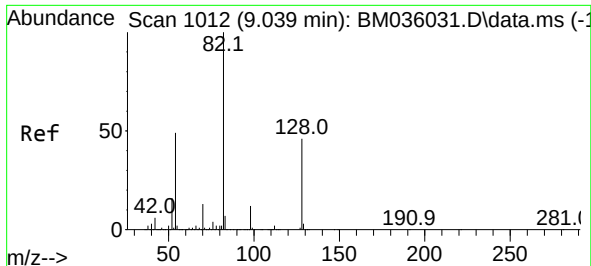
Tgt Ion: 99 Resp: 2558537
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

Tgt Ion: 136 Resp: 1094646
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 7.0 10.4
68 5.6 4.3 6.5

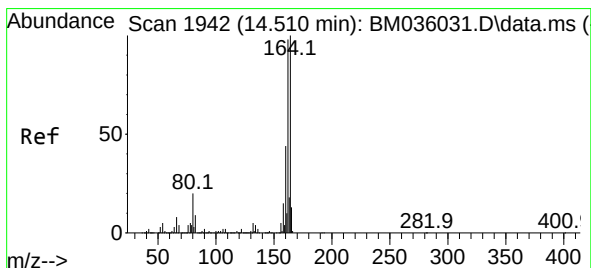
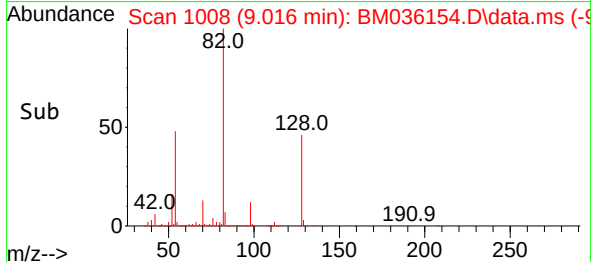
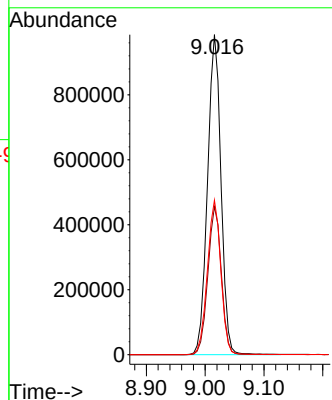
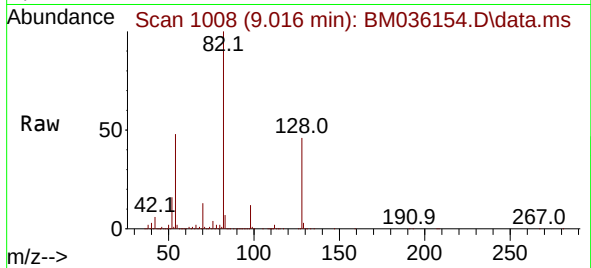




#23
Nitrobenzene-d5
Concen: 80.383 ng
RT: 9.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

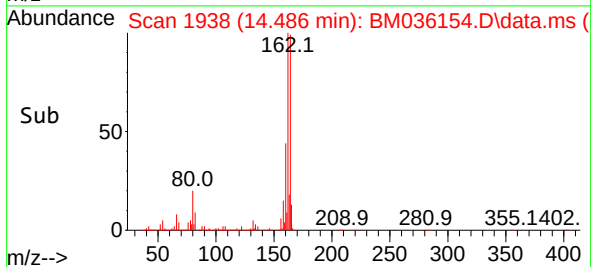
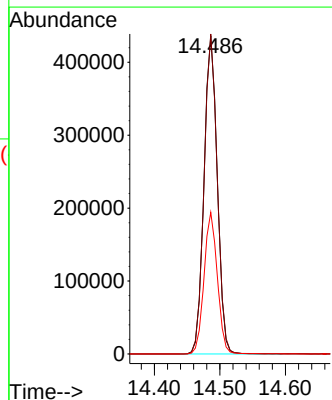
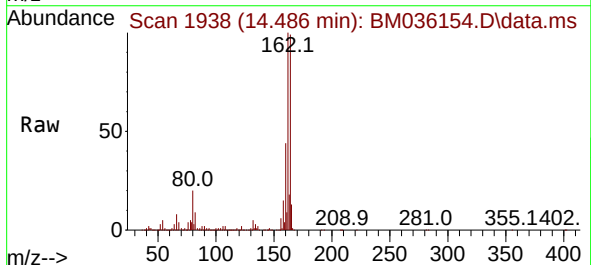
Instrument :
BNA_M
ClientSampleId :
RVE-216

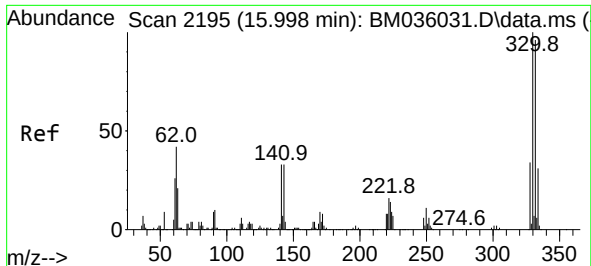
Tgt Ion: 82 Resp: 1571917
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 48.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

Tgt Ion:164 Resp: 615421
Ion Ratio Lower Upper
164 100
162 100.5 83.0 124.6
160 44.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 120.406 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036154.D

Acq: 08 Aug 2022 21:11

Instrument :

BNA_M

ClientSampleId :

RVE-216

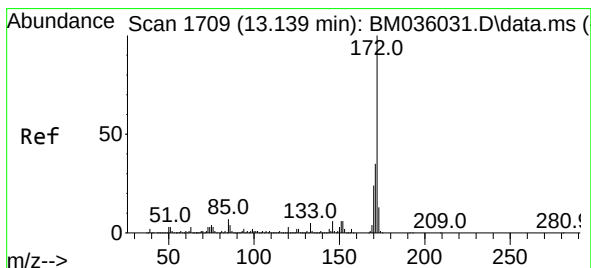
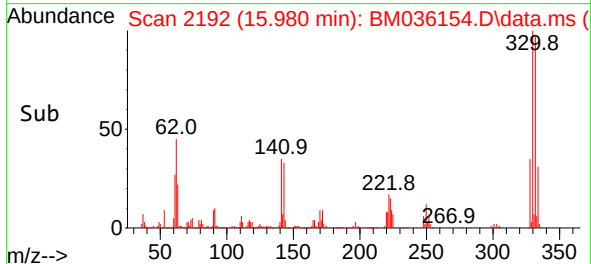
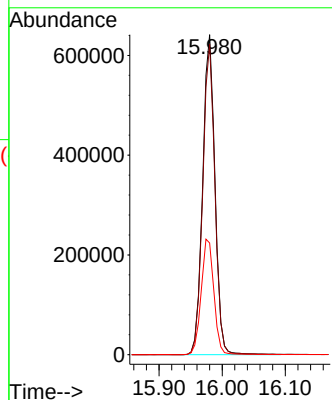
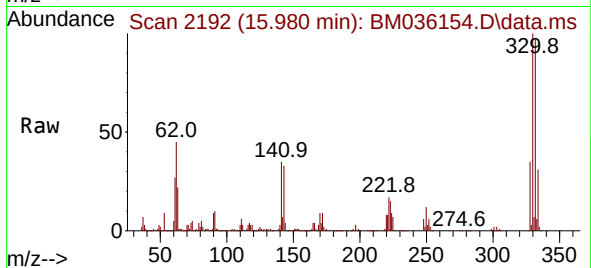
Tgt Ion:330 Resp: 869296

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 37.5 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 79.794 ng

RT: 13.116 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BM036154.D

Acq: 08 Aug 2022 21:11

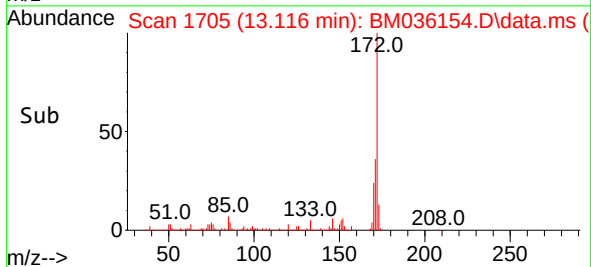
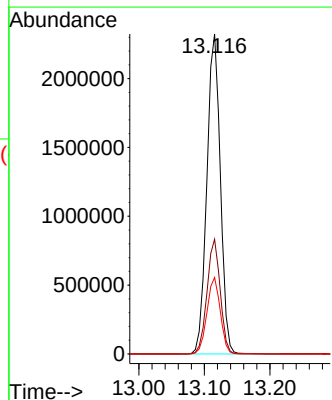
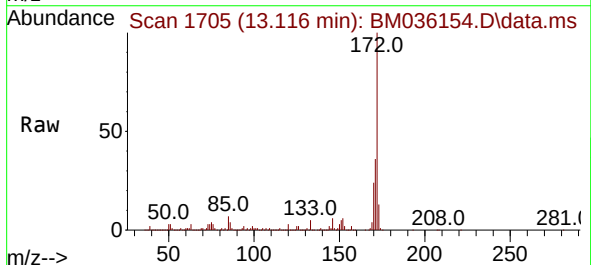
Tgt Ion:172 Resp: 3325946

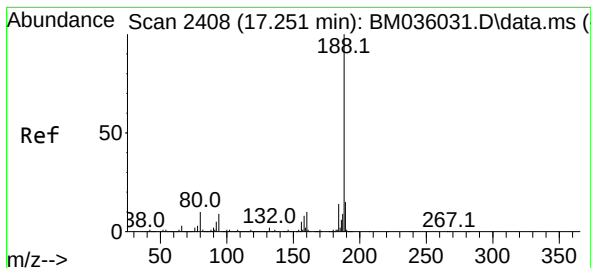
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM036154.D

Acq: 08 Aug 2022 21:11

Instrument :

BNA_M

ClientSampleId :

RVE-216

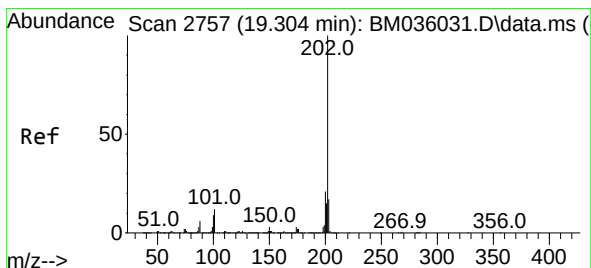
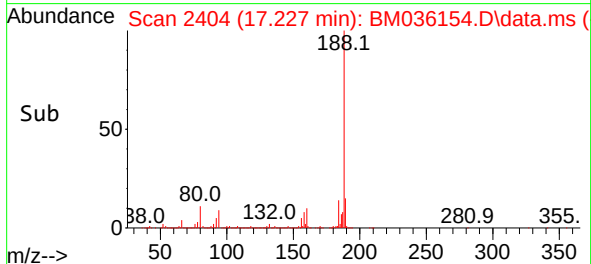
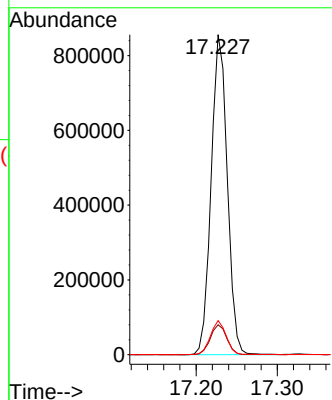
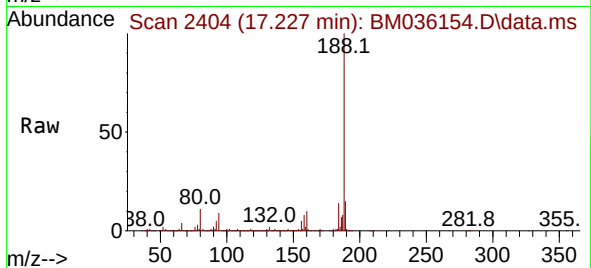
Tgt Ion:188 Resp: 1178705

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.6 7.6 11.4



#75

Fluoranthene

Concen: 4.349 ng

RT: 19.286 min Scan# 2754

Delta R.T. -0.006 min

Lab File: BM036154.D

Acq: 08 Aug 2022 21:11

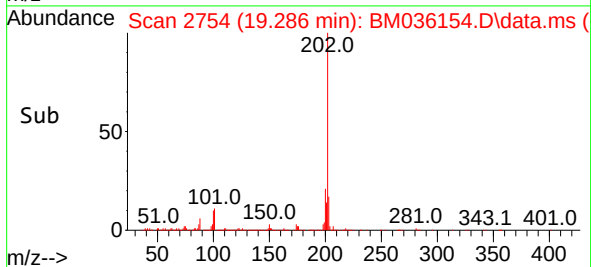
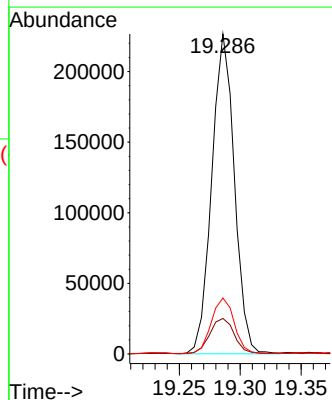
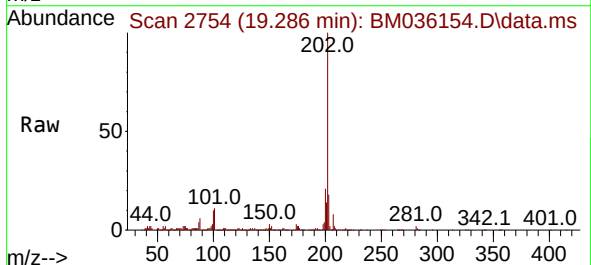
Tgt Ion:202 Resp: 292365

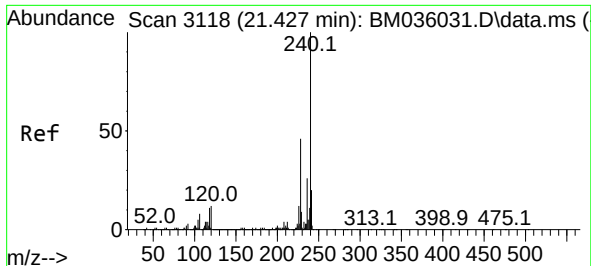
Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.6

203 17.5 0.0 37.4

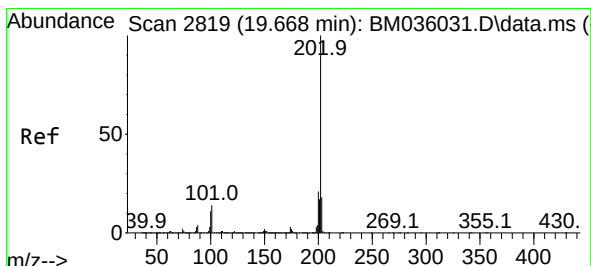
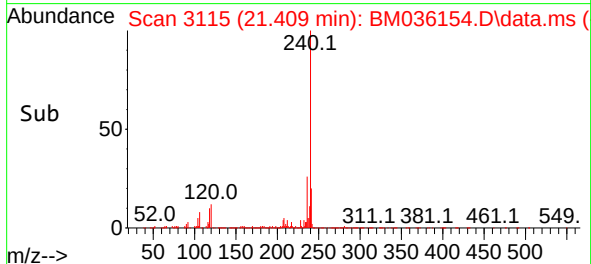
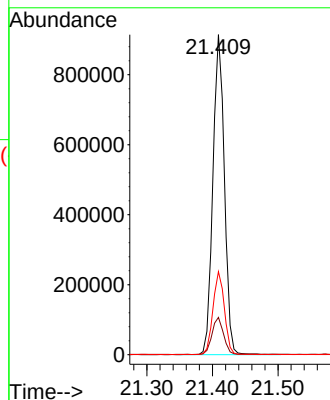
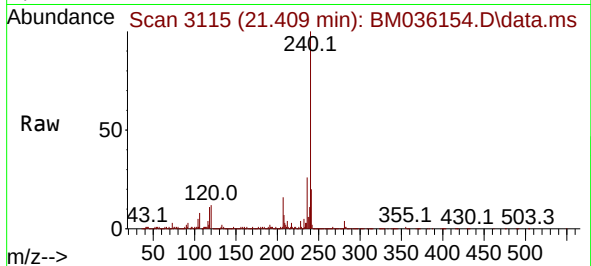




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

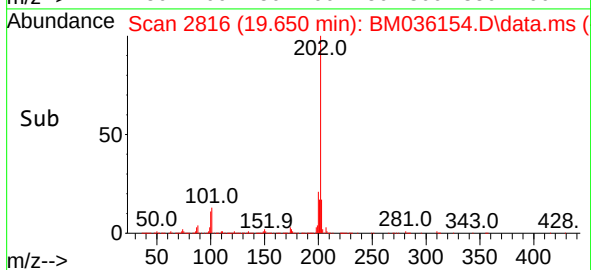
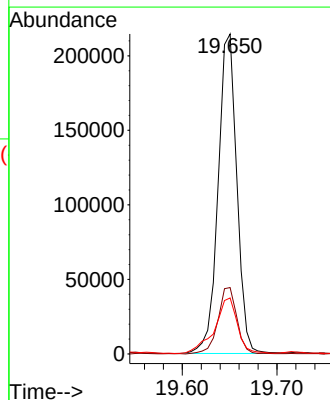
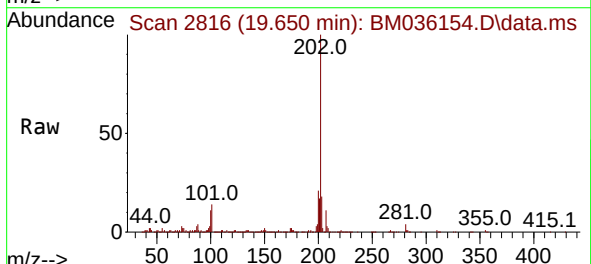
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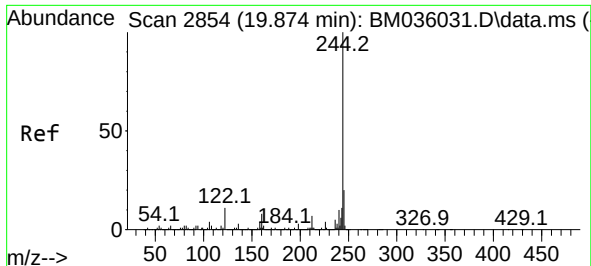
Tgt Ion:240 Resp: 1111270
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 26.0 20.6 30.8



#78
Pyrene
Concen: 4.285 ng
RT: 19.650 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

Tgt Ion:202 Resp: 295288
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.5 13.9 20.9

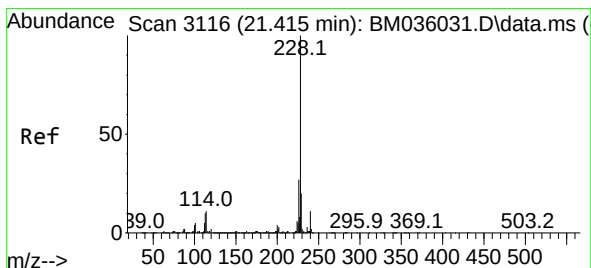
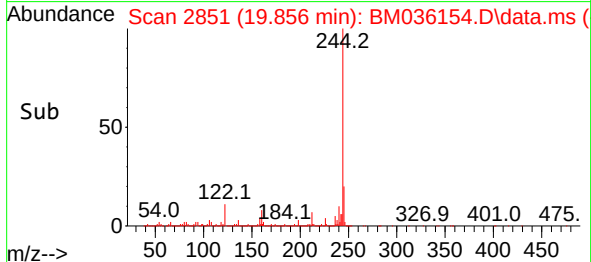
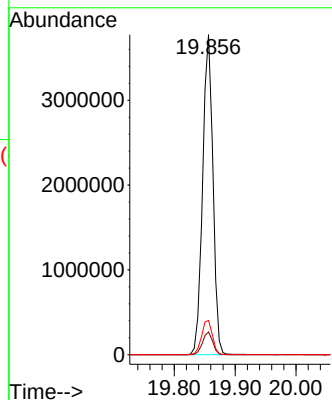
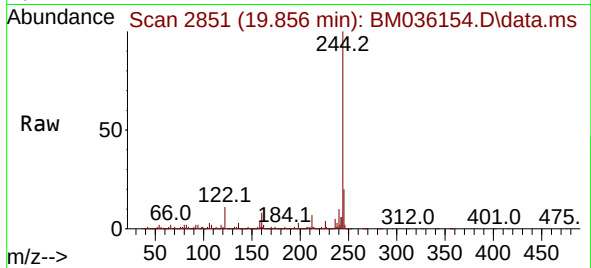




#79
 Terphenyl-d14
 Concen: 78.853 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

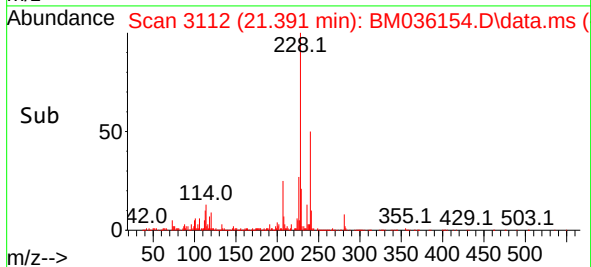
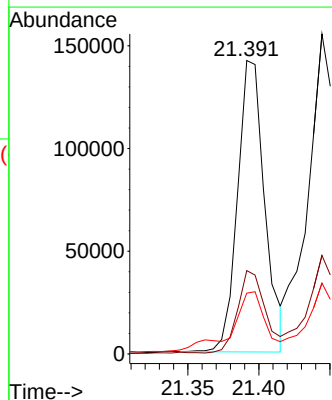
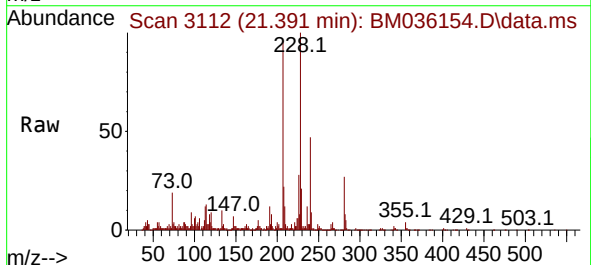
Instrument :
 BNA_M
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 RVE-216

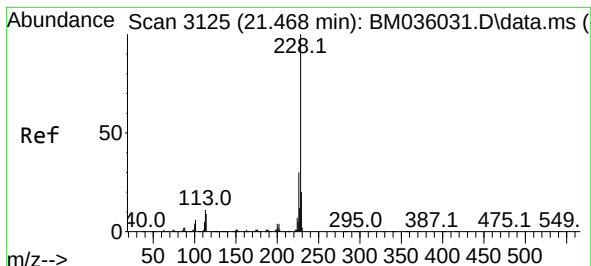
Tgt Ion:244 Resp: 4442555
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 10.7 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.759 ng
 RT: 21.391 min Scan# 3112
 Delta R.T. -0.012 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Tgt Ion:228 Resp: 188843
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.3 33.5
 229 20.7 15.8 23.6





#83

Chrysene

Concen: 3.352 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM036154.D

Acq: 08 Aug 2022 21:11

Instrument :

BNA_M

ClientSampleId :

RVE-216

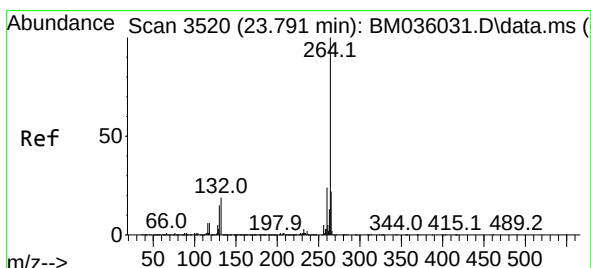
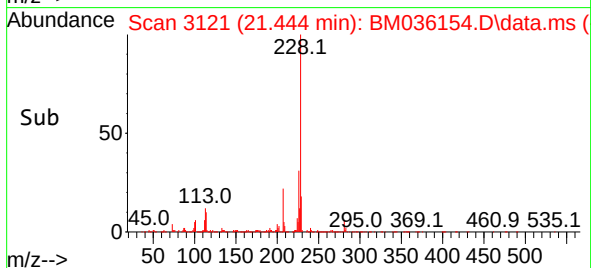
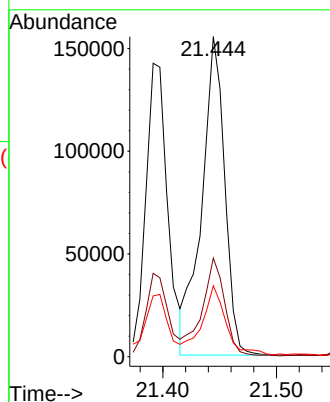
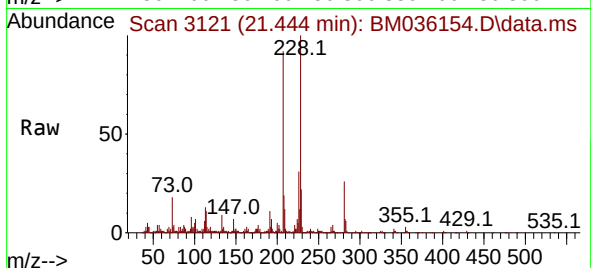
Tgt Ion:228 Resp: 218096

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 22.2 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3516

Delta R.T. -0.006 min

Lab File: BM036154.D

Acq: 08 Aug 2022 21:11

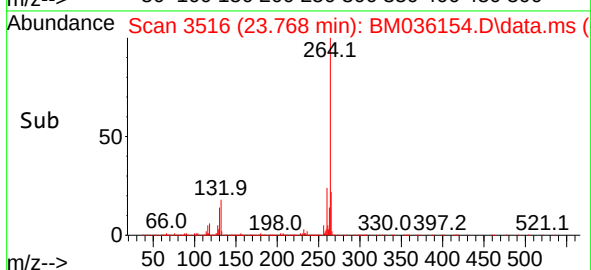
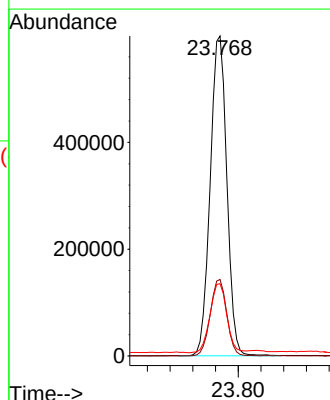
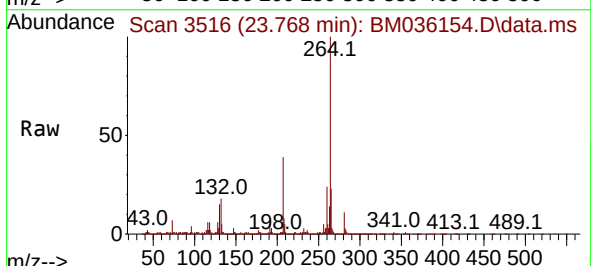
Tgt Ion:264 Resp: 1212322

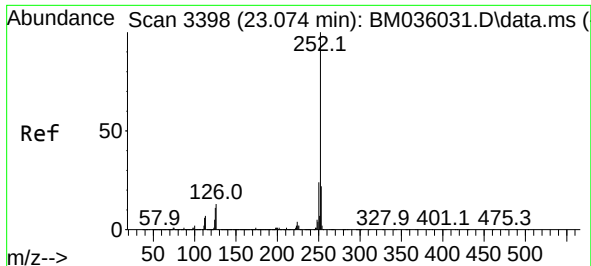
Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.6 17.5 26.3

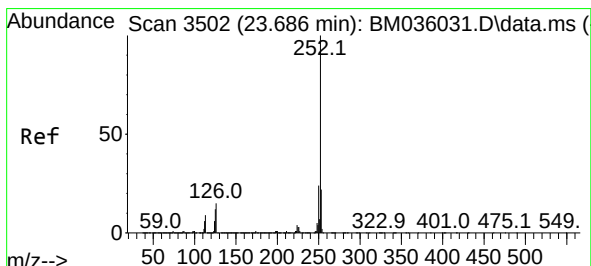
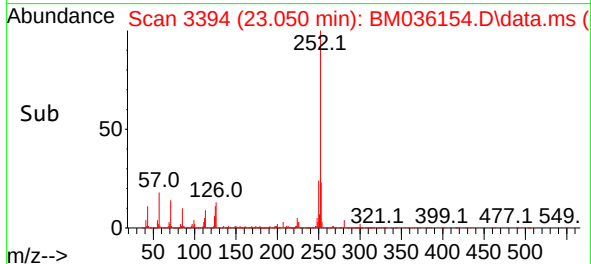
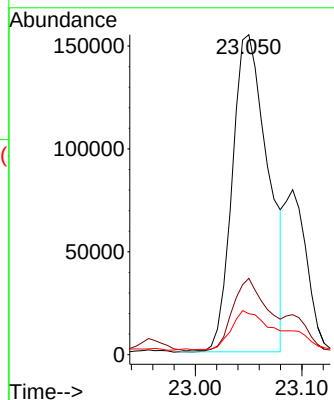
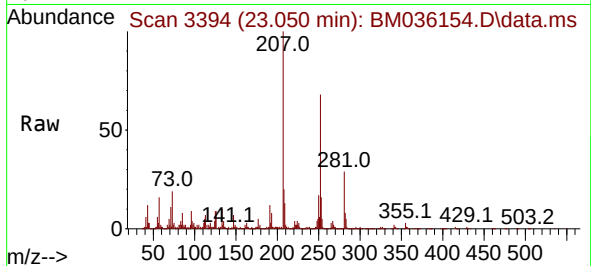




#88
Benzo(b)fluoranthene
Concen: 5.080 ng
RT: 23.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

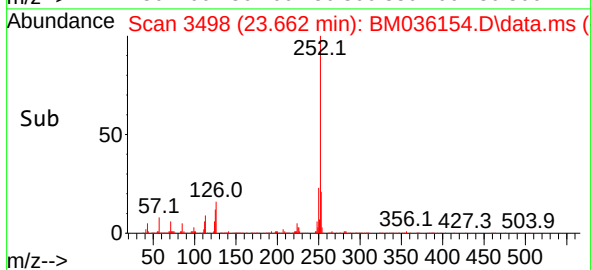
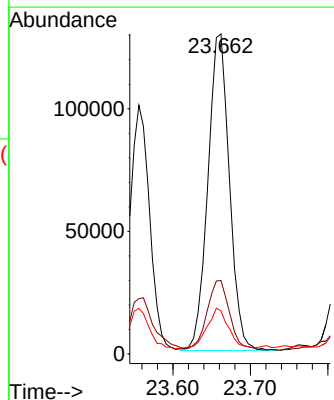
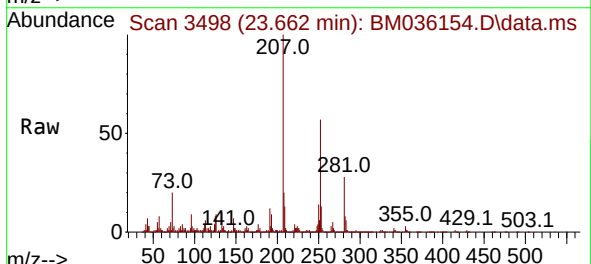
Instrument :
BNA_M
ClientSampleId :
RVE-216

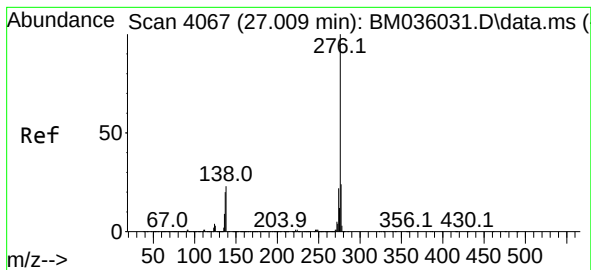
Tgt Ion:252 Resp: 360845
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 12.8 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 4.174 ng
RT: 23.662 min Scan# 3498
Delta R.T. -0.012 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

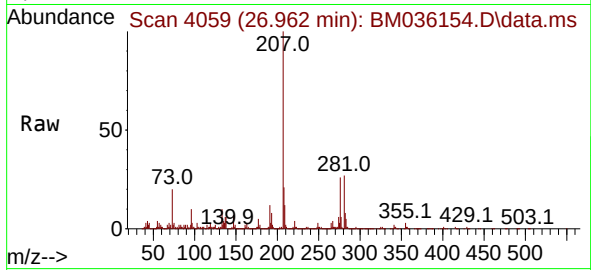
Tgt Ion:252 Resp: 248744
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 13.4 8.7 13.1#





#92
 Benzo(g,h,i)perylene
 Concen: 2.934 ng
 RT: 26.962 min Scan# 4059
 Delta R.T. -0.029 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Instrument :
 BNA_M
 ClientSampleId :
 RVE-216



Tgt Ion:	276	Resp:	202572
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	22.4	17.6	26.4

