

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
 Data File : BM036102.D
 Acq On : 04 Aug 2022 17:14
 Operator : CG/JU
 Sample : N3931-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-117

Quant Time: Aug 05 03:39:47 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)

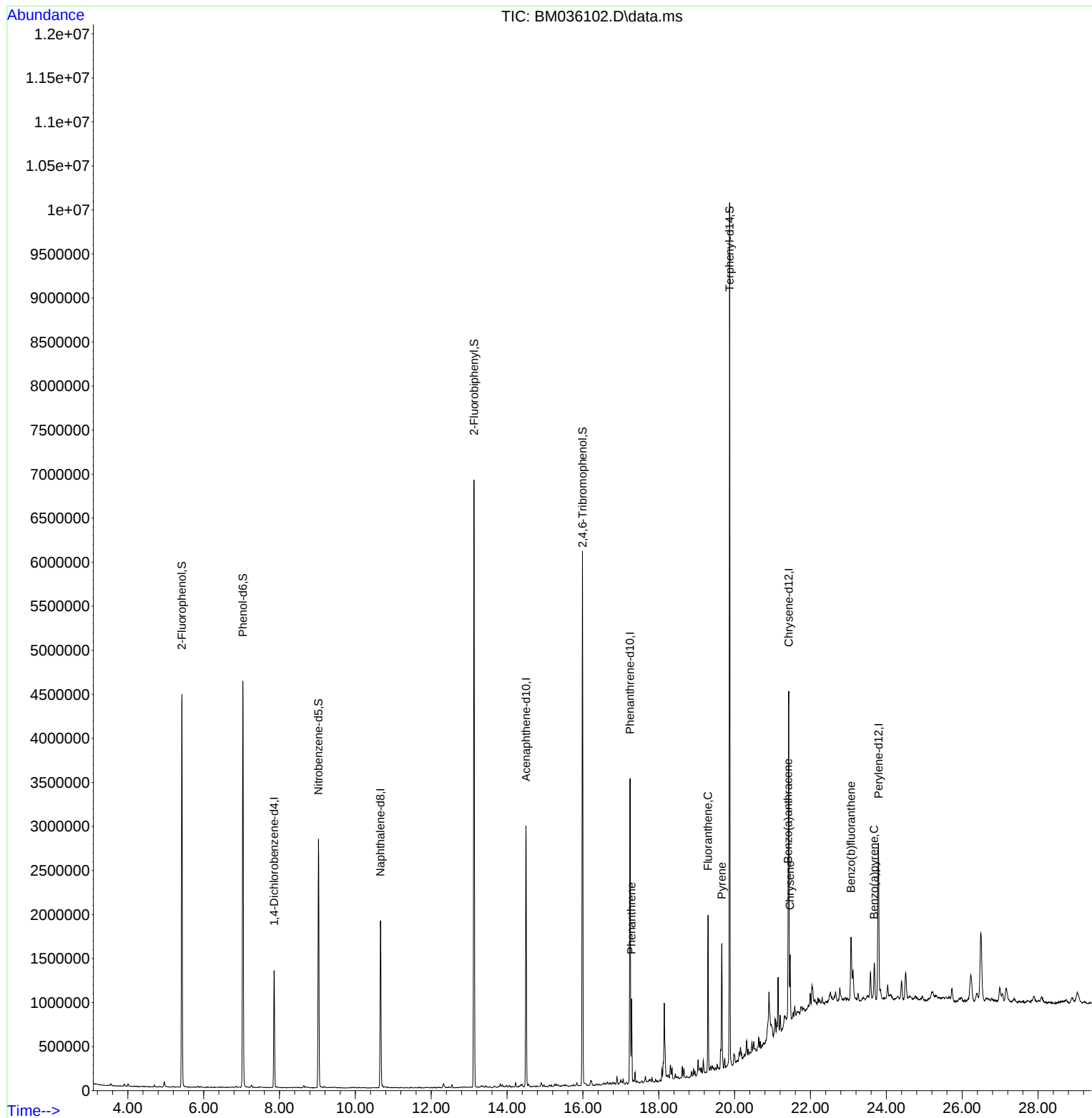
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	355387	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1593964	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	998611	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	2073253	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1567240	20.000	ng	0.00
86) Perylene-d12	23.791	264	1316674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2001946	91.328	ng	0.00
7) Phenol-d6	7.034	99	2650150	95.014	ng	0.00
23) Nitrobenzene-d5	9.028	82	1589988	55.837	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1094383	93.417	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	3374613	49.895	ng	0.00
79) Terphenyl-d14	19.868	244	4368975	54.986	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.280	178	549030	5.198	ng	100
75) Fluoranthene	19.298	202	953849	8.067	ng	98
78) Pyrene	19.662	202	841291	8.657	ng	100
81) Benzo(a)anthracene	21.409	228	410801	4.256	ng	98
83) Chrysene	21.462	228	404023	4.403	ng	98
88) Benzo(b)fluoranthene	23.068	252	470235	6.096	ng	# 94
90) Benzo(a)pyrene	23.680	252	279211	4.314	ng	# 93

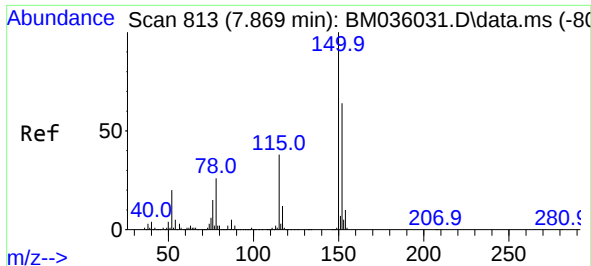
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036102.D
Acq On : 04 Aug 2022 17:14
Operator : CG/JU
Sample : N3931-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-117

Quant Time: Aug 05 03:39:47 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

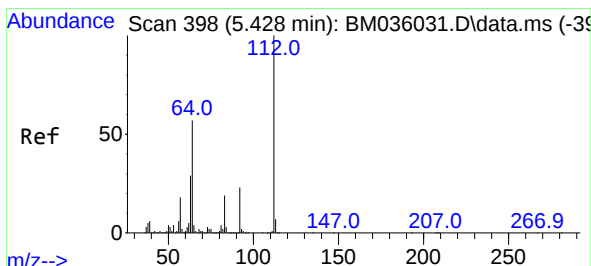
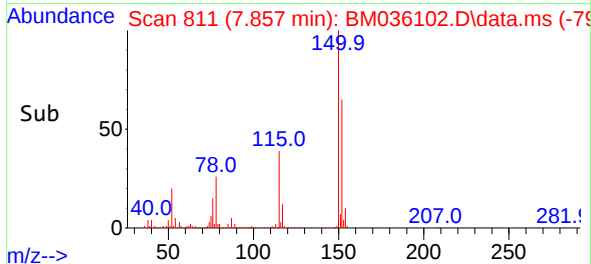
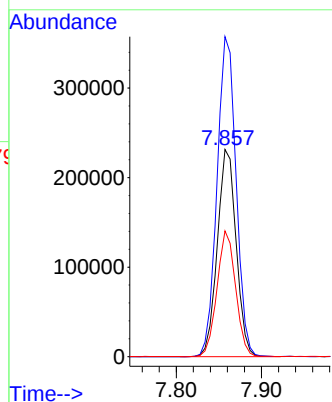
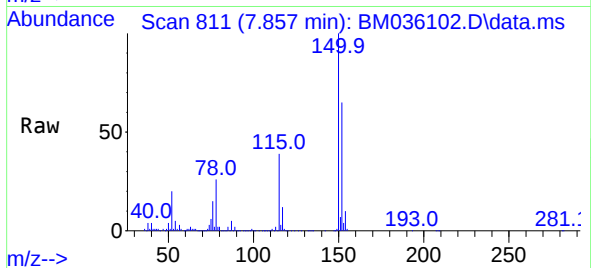




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

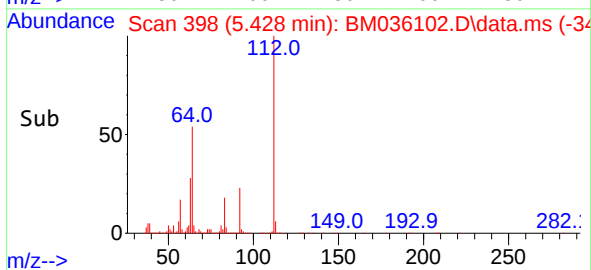
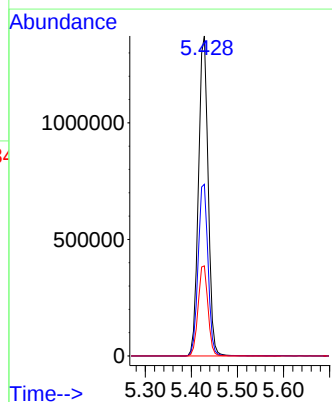
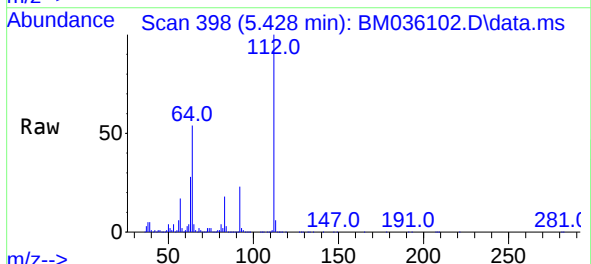
Instrument :
BNA_M
ClientSampleId :
RVE-117

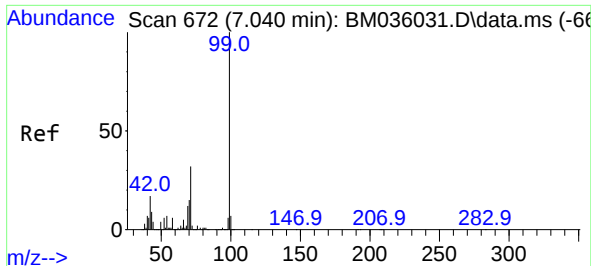
Tgt Ion:152 Resp: 355387
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 60.7 47.9 71.9



#5
2-Fluorophenol
Concen: 91.328 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Tgt Ion:112 Resp: 2001946
Ion Ratio Lower Upper
112 100
64 53.6 47.8 71.6
63 28.2 26.6 40.0

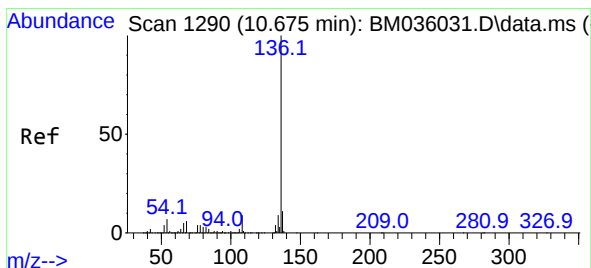
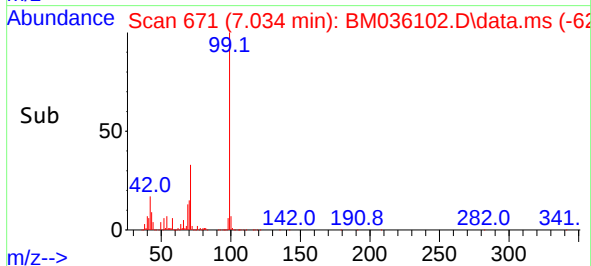
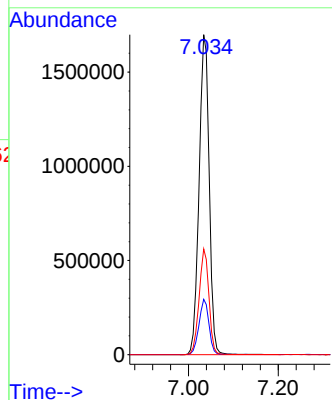
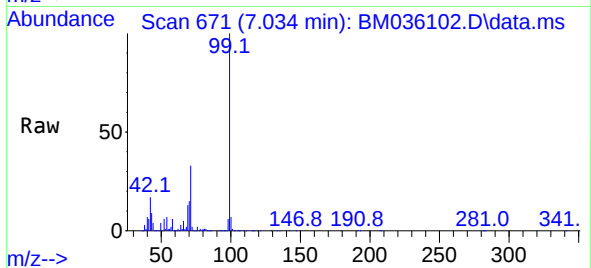




#7
Phenol-d6
Concen: 95.014 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

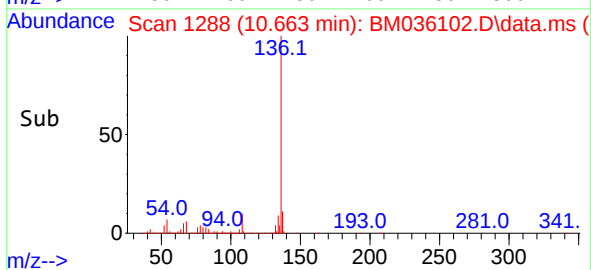
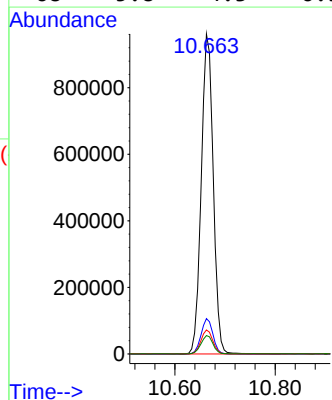
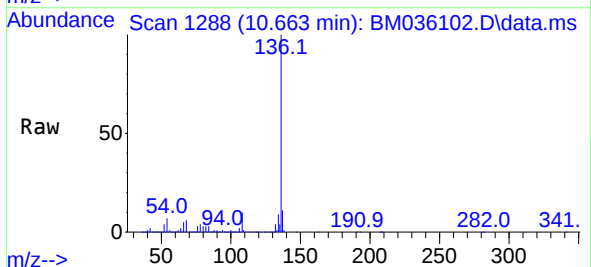
Instrument :
BNA_M
ClientSampleId :
RVE-117

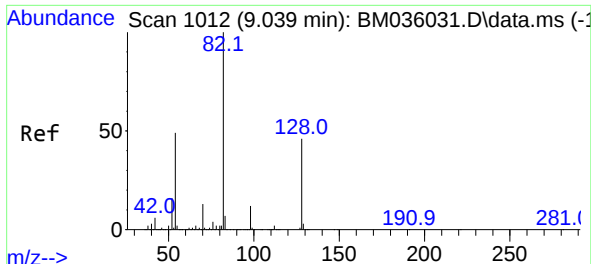
Tgt Ion: 99 Resp: 2650150
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 33.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Tgt Ion: 136 Resp: 1593964
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 7.0 10.4
68 5.8 4.3 6.5



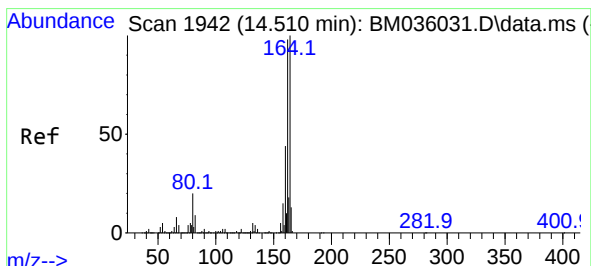
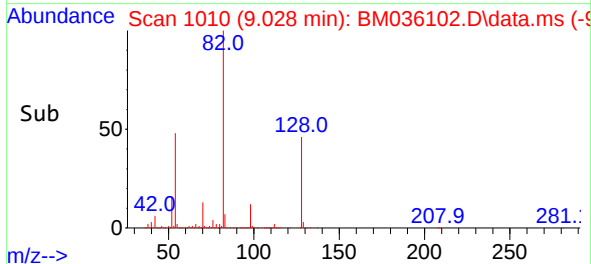
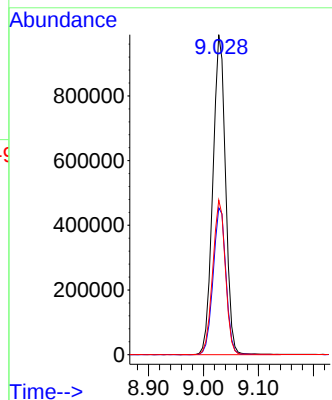
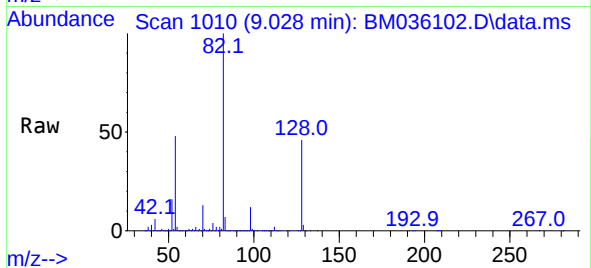


#23
Nitrobenzene-d5
Concen: 55.837 ng
RT: 9.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Instrument :
BNA_M
ClientSampleId :
RVE-117

Tgt Ion: 82 Resp: 1589988

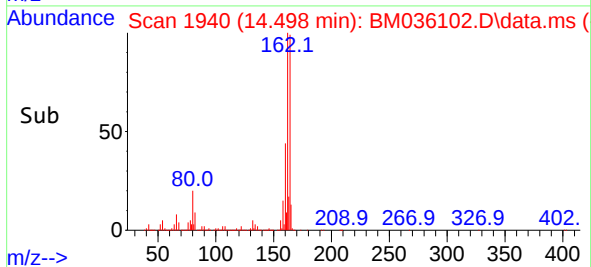
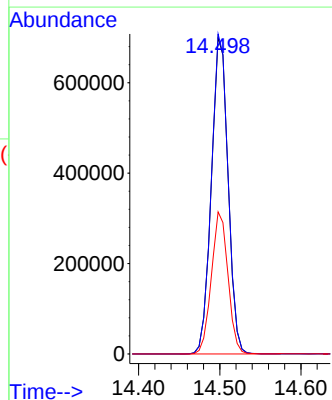
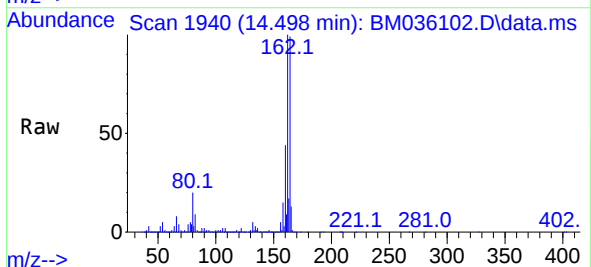
Ion	Ratio	Lower	Upper
82	100		
128	45.9	33.7	50.5
54	48.3	43.2	64.8

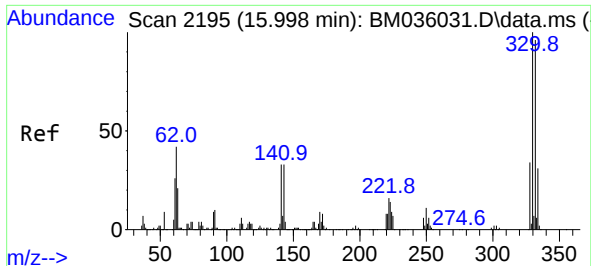


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Tgt Ion:164 Resp: 998611

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.0	124.6
160	44.9	37.0	55.4

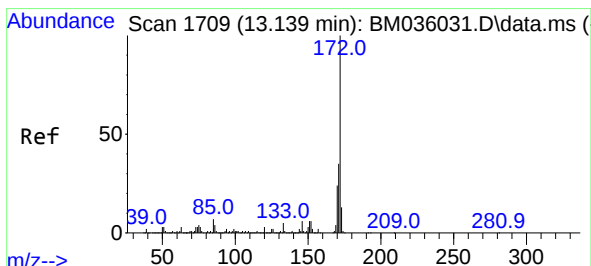
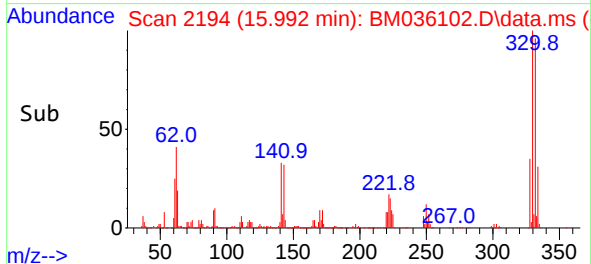
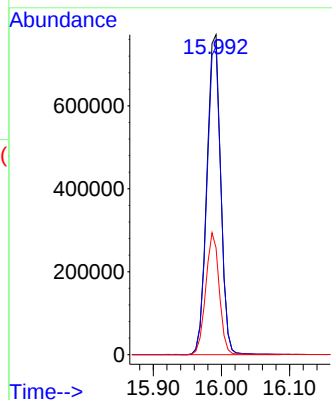
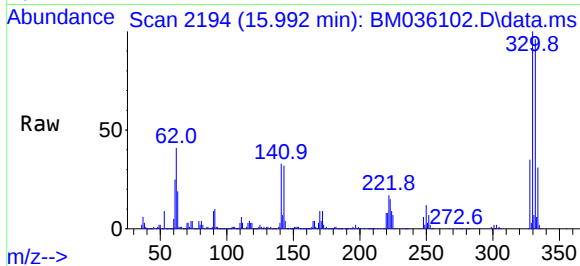




#42
2,4,6-Tribromophenol
Concen: 93.417 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

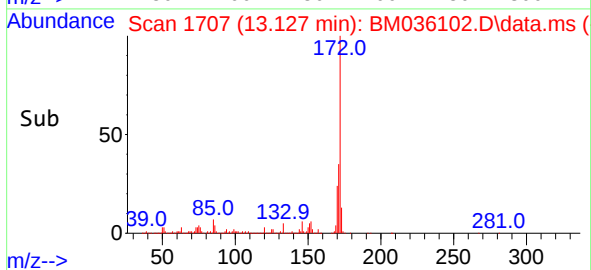
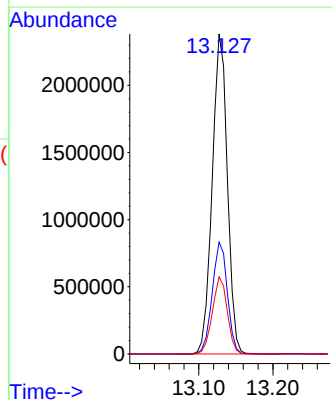
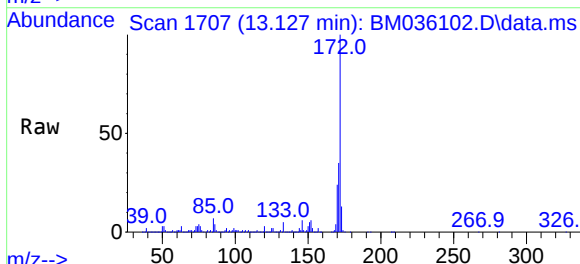
Instrument :
BNA_M
ClientSampleId :
RVE-117

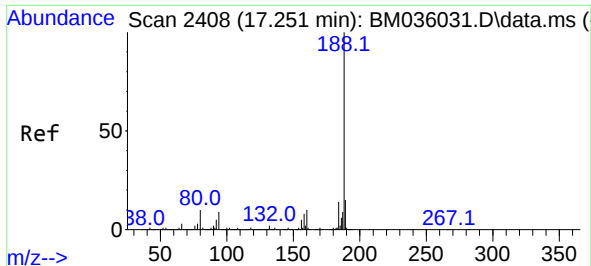
Tgt Ion:330 Resp: 1094383
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.7 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 49.895 ng
RT: 13.127 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Tgt Ion:172 Resp: 3374613
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.1 18.7 28.1

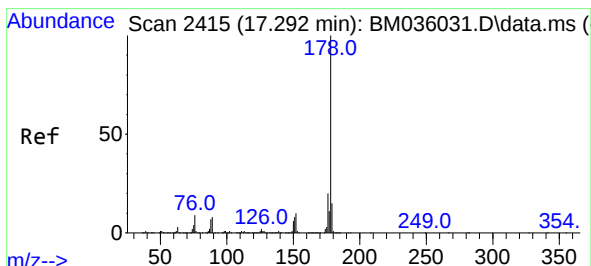
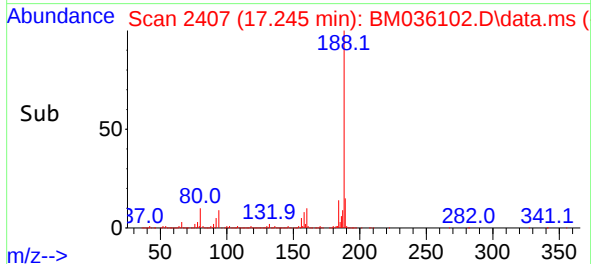
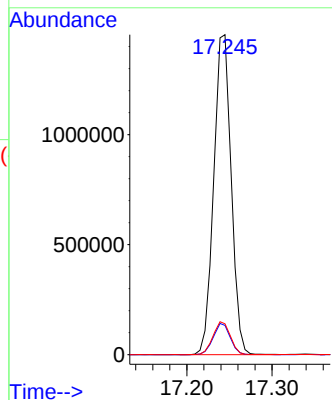
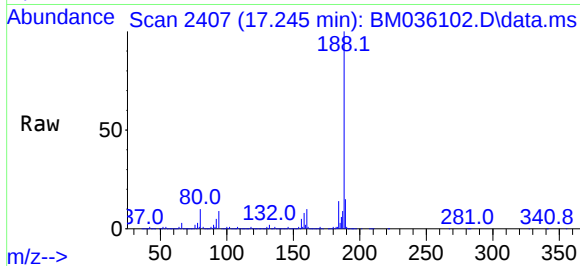




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

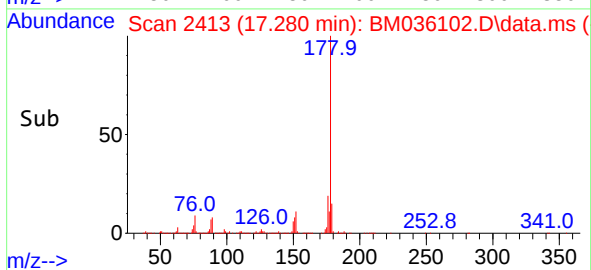
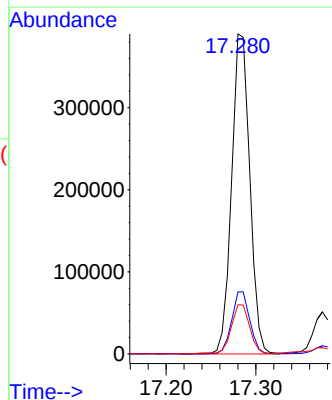
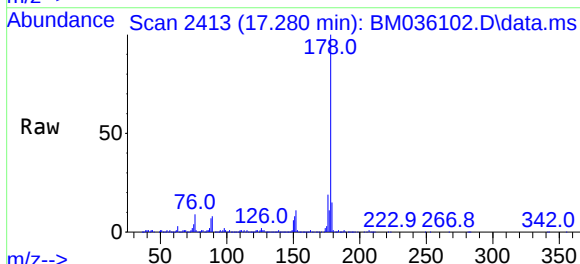
Instrument :
BNA_M
ClientSampleId :
RVE-117

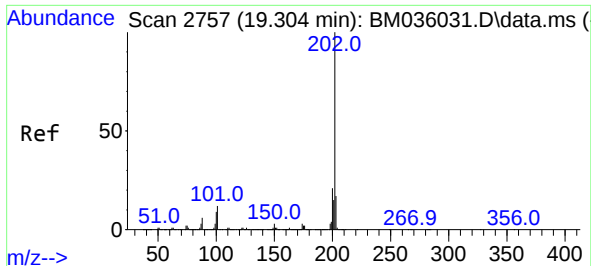
Tgt Ion:188 Resp: 2073253
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.7 7.6 11.4



#71
Phenanthrene
Concen: 5.198 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Tgt Ion:178 Resp: 549030
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.3 12.4 18.6

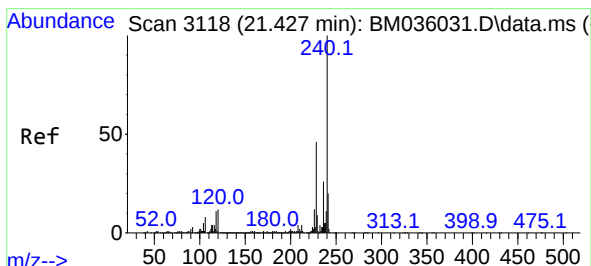
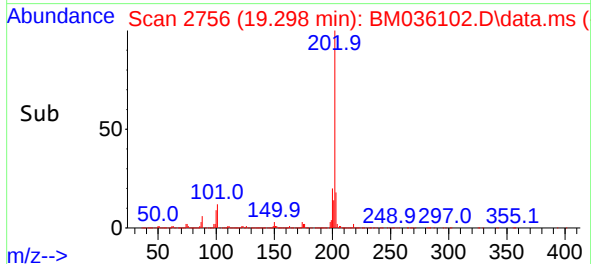
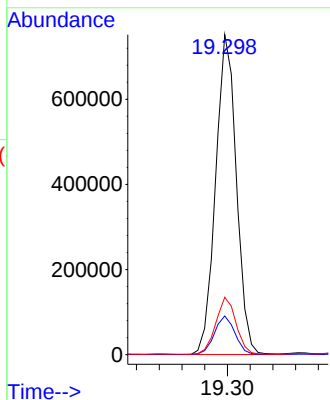
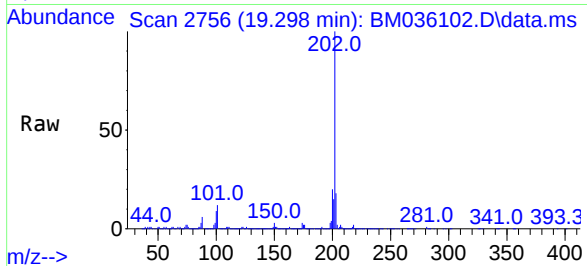




#75
Fluoranthene
Concen: 8.067 ng
RT: 19.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

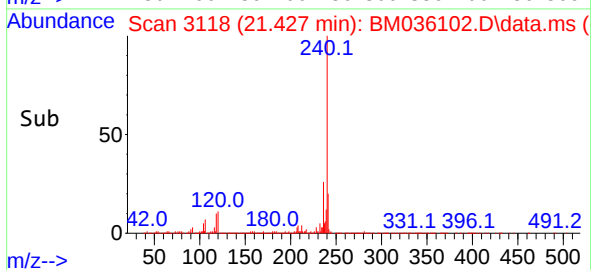
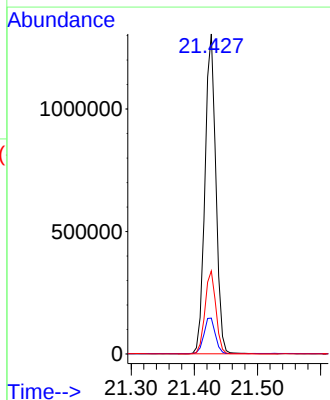
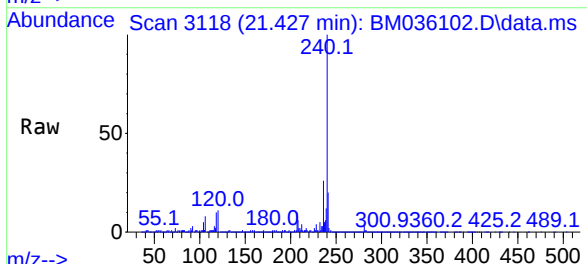
Instrument :
BNA_M
ClientSampleId :
RVE-117

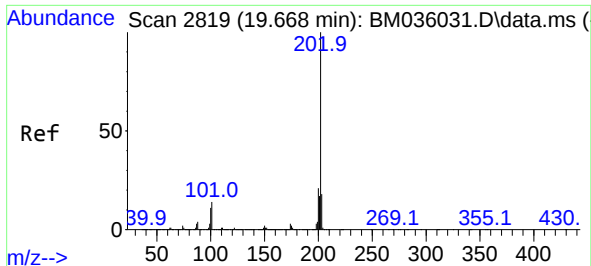
Tgt Ion:202 Resp: 953849
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.6
203 18.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Tgt Ion:240 Resp: 1567240
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 26.0 20.6 30.8

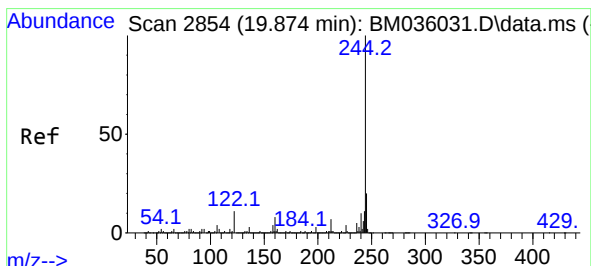
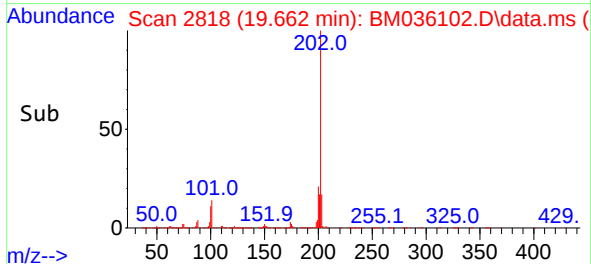
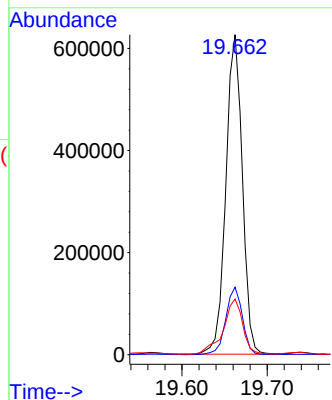
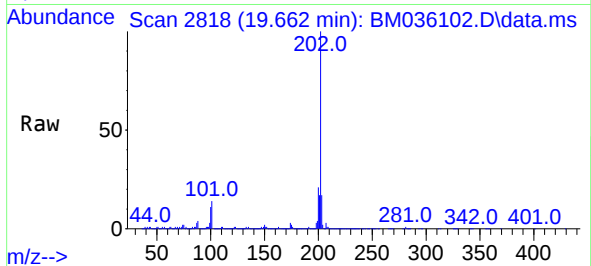




#78
 Pyrene
 Concen: 8.657 ng
 RT: 19.662 min Scan# 2819
 Delta R.T. 0.000 min
 Lab File: BM036102.D
 Acq: 04 Aug 2022 17:14

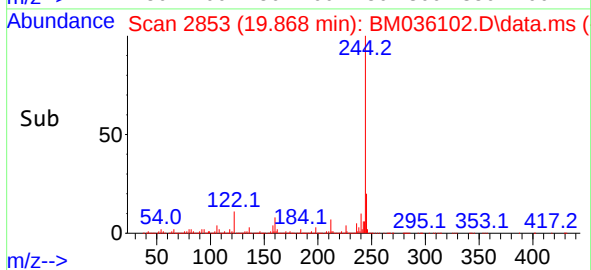
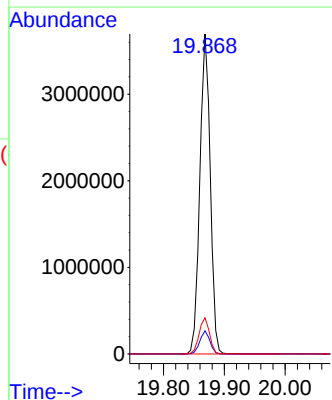
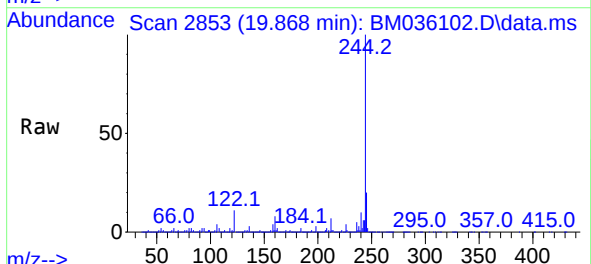
Instrument :
 BNA_M
 ClientSampleId :
 RVE-117

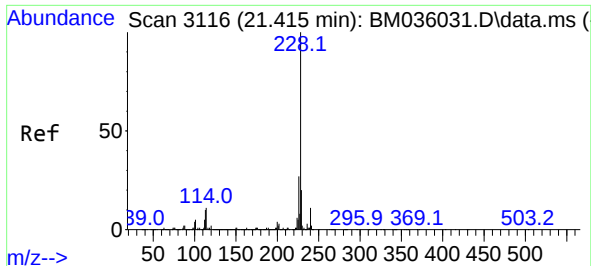
Tgt Ion:202 Resp: 841291
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.7 25.1
 203 17.4 13.9 20.9



#79
 Terphenyl-d14
 Concen: 54.986 ng
 RT: 19.868 min Scan# 2853
 Delta R.T. 0.000 min
 Lab File: BM036102.D
 Acq: 04 Aug 2022 17:14

Tgt Ion:244 Resp: 4368975
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 11.3 8.3 12.5

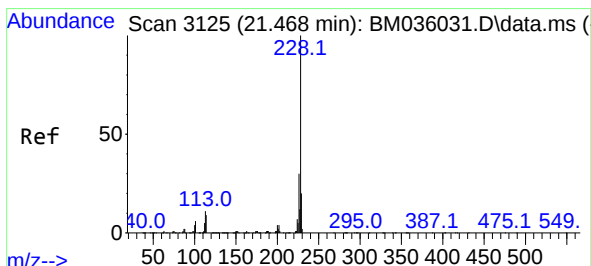
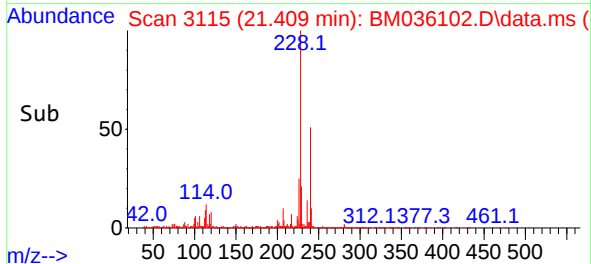
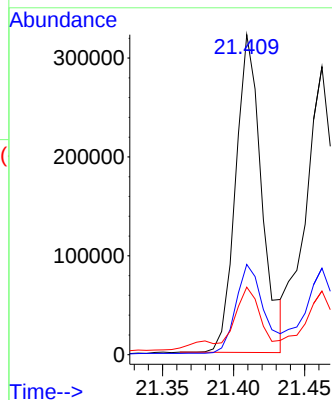
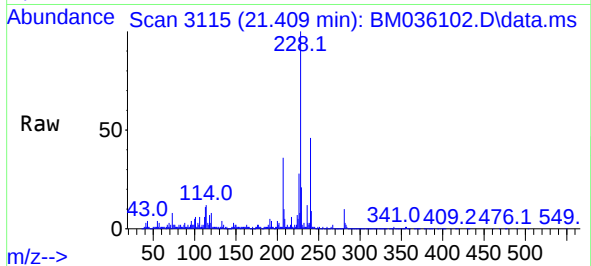




#81
Benzo(a)anthracene
Concen: 4.256 ng
RT: 21.409 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

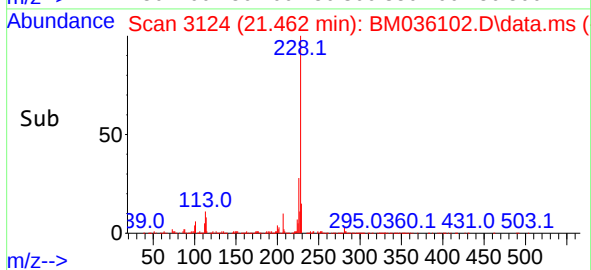
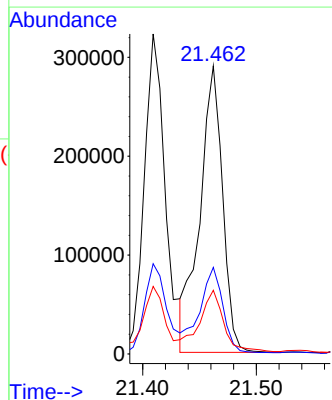
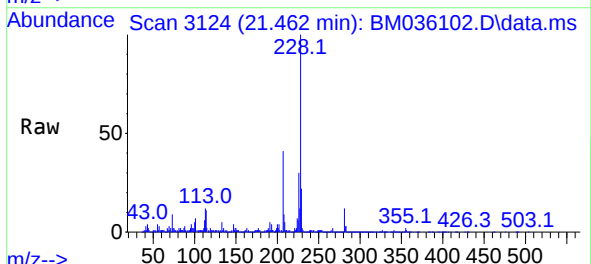
Instrument :
BNA_M
ClientSampleId :
RVE-117

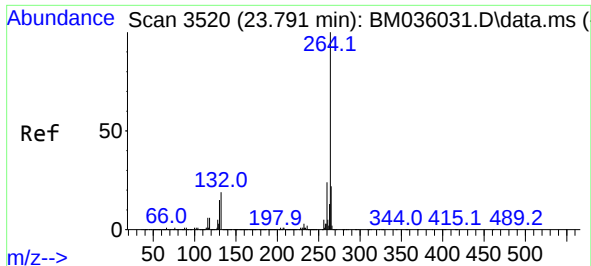
Tgt Ion:228 Resp: 410801
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 21.1 15.8 23.6



#83
Chrysene
Concen: 4.403 ng
RT: 21.462 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Tgt Ion:228 Resp: 404023
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.1 15.8 23.8



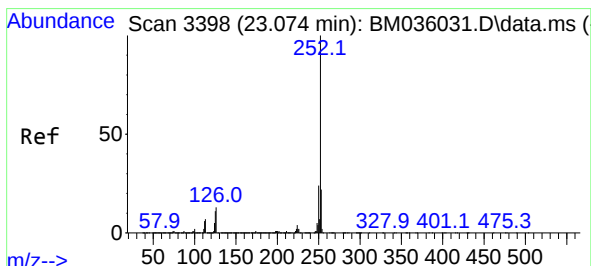
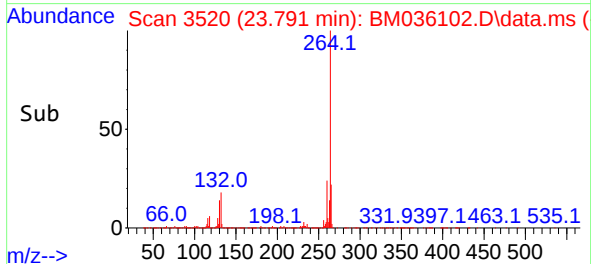
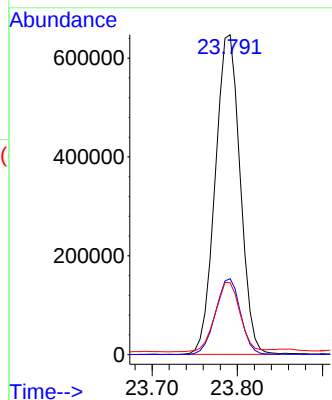
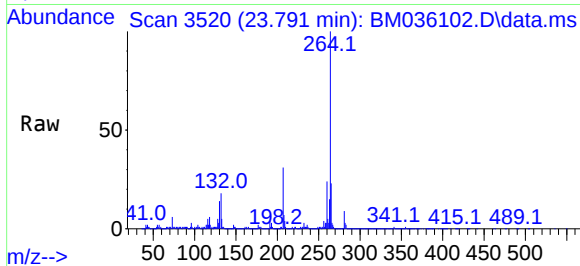


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Instrument :
BNA_M
ClientSampleId :
RVE-117

Tgt Ion:264 Resp: 1316674

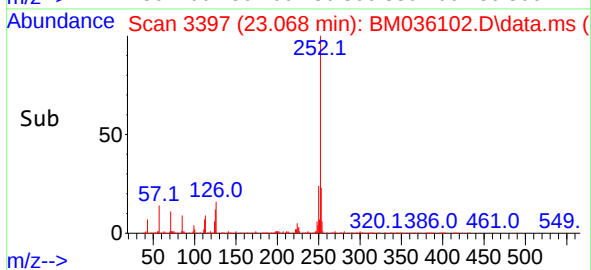
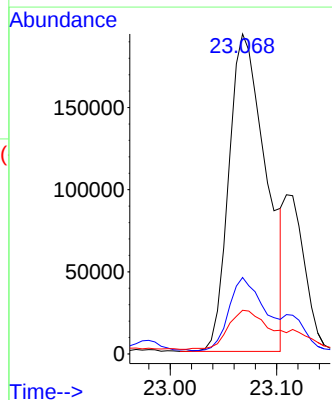
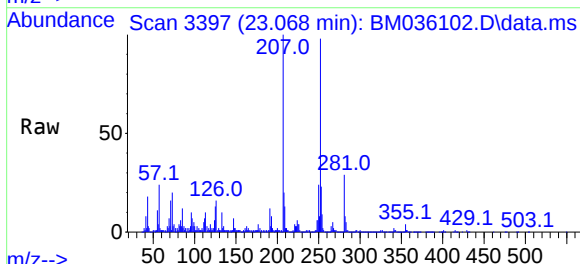
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.5	17.5	26.3

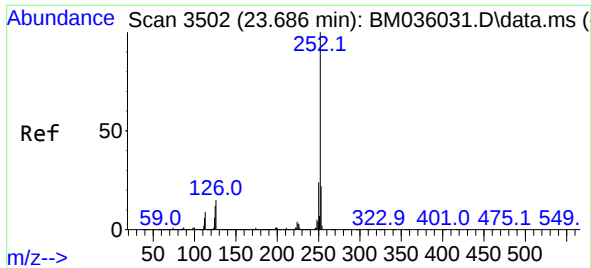


#88
Benzo(b)fluoranthene
Concen: 6.096 ng
RT: 23.068 min Scan# 3397
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Tgt Ion:252 Resp: 470235

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	13.6	7.6	11.4





#90
Benzo(a)pyrene
Concen: 4.314 ng
RT: 23.680 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036102.D
Acq: 04 Aug 2022 17:14

Instrument :
BNA_M
ClientSampleId :
RVE-117

Tgt Ion:252 Resp: 279211
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 15.0 8.7 13.1#

