

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036136.D
 Acq On : 06 Aug 2022 01:30
 Operator : CG/JU
 Sample : N4044-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-230

Quant Time: Aug 06 03:31:52 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)

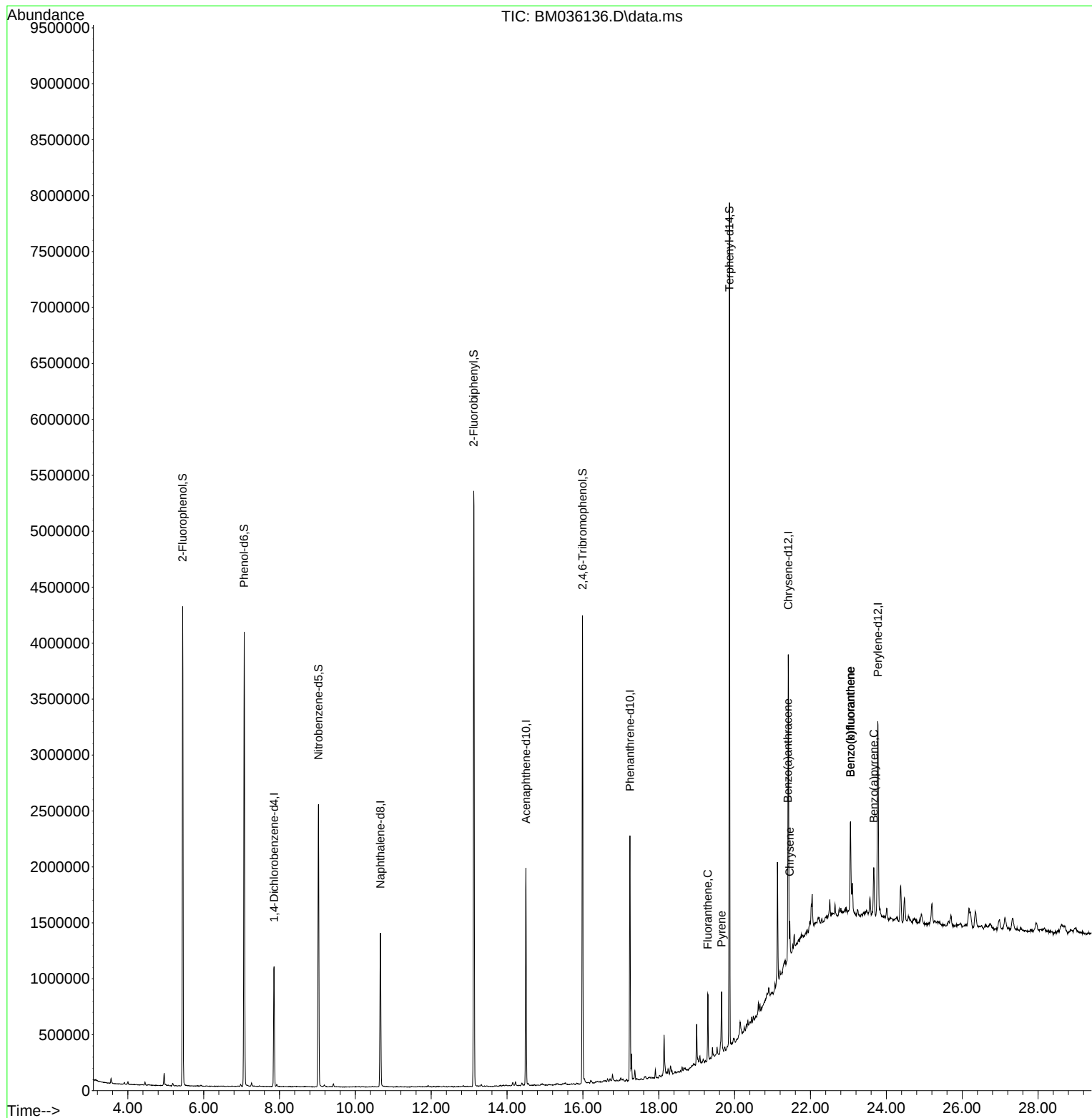
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	295119	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1182361	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	655088	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1264928	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1189736	20.000	ng	0.00
86) Perylene-d12	23.774	264	1263961	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1844500	101.329	ng	0.02
7) Phenol-d6	7.069	99	2301004	99.344	ng	0.04
23) Nitrobenzene-d5	9.028	82	1419837	67.220	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	784828	102.124	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2773770	62.517	ng	0.00
79) Terphenyl-d14	19.862	244	3544684	58.767	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.292	202	336851	4.670	ng	96
78) Pyrene	19.656	202	314128	4.258	ng	100
81) Benzo(a)anthracene	21.403	228	161821	2.208	ng	97
83) Chrysene	21.450	228	180122	2.586	ng	98
88) Benzo(b)fluoranthene	23.056	252	231529	3.126	ng	# 85
89) Benzo(k)fluoranthene	23.056	252	231529	3.095	ng	# 85
90) Benzo(a)pyrene	23.668	252	160049	2.576	ng	# 89

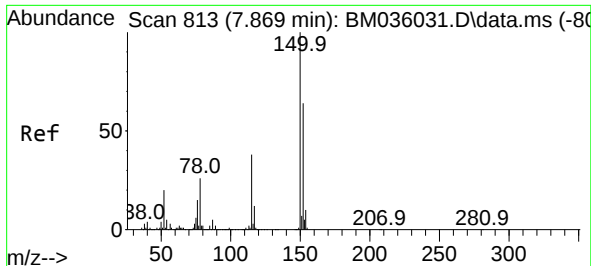
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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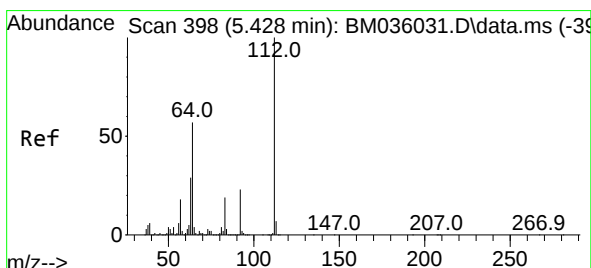
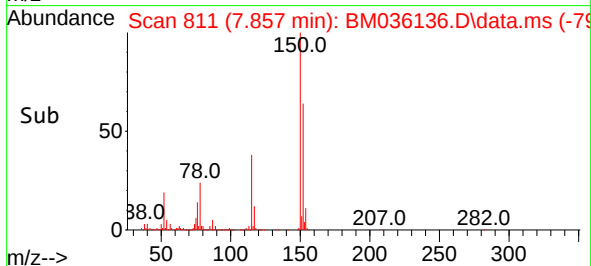
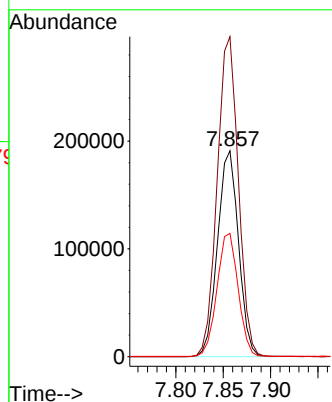
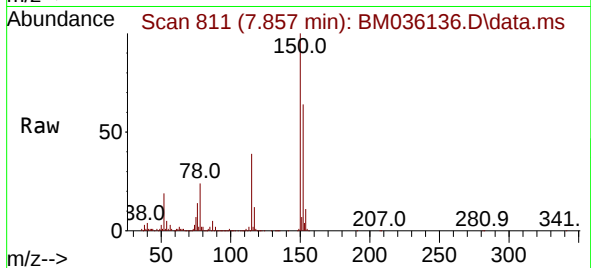




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

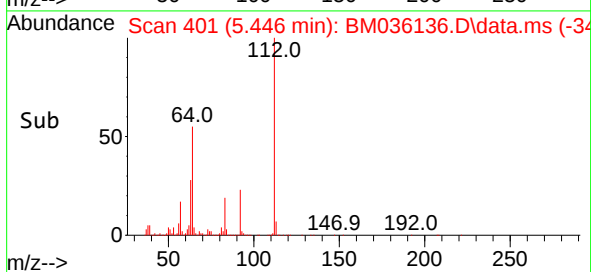
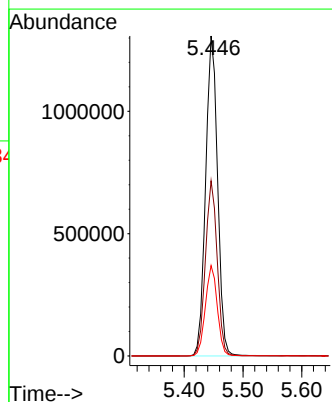
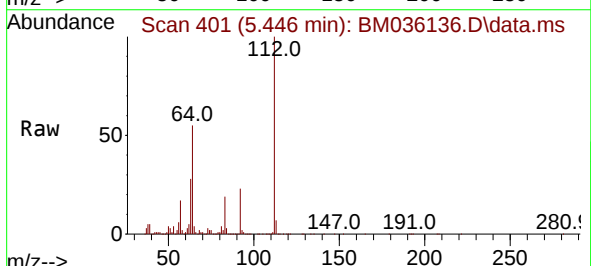
Instrument :
BNA_M
ClientSampleId :
VNJ-230

Tgt Ion:152 Resp: 295119
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 59.9 47.9 71.9



#5
2-Fluorophenol
Concen: 101.329 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

Tgt Ion:112 Resp: 1844500
Ion Ratio Lower Upper
112 100
64 54.8 47.8 71.6
63 28.2 26.6 40.0

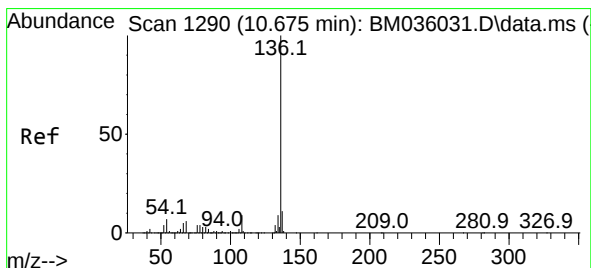
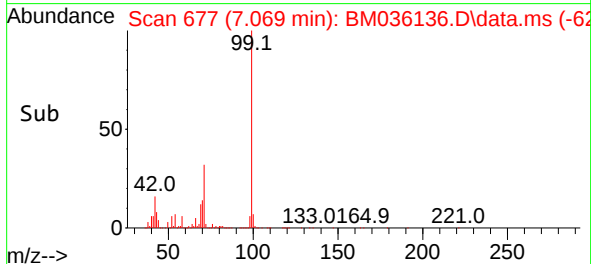
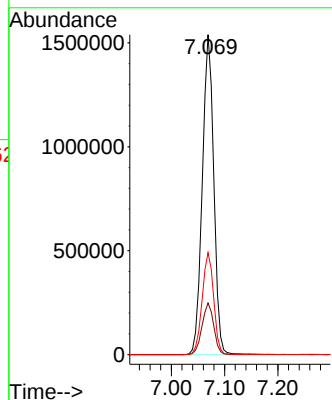
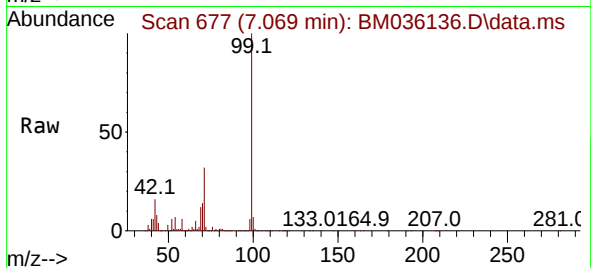




#7
Phenol-d6
Concen: 99.344 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

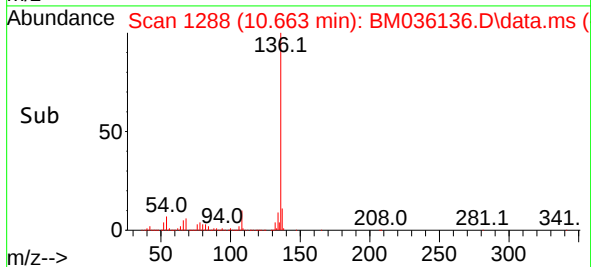
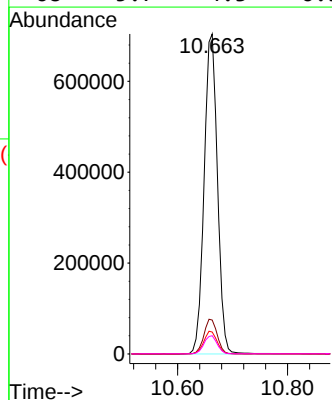
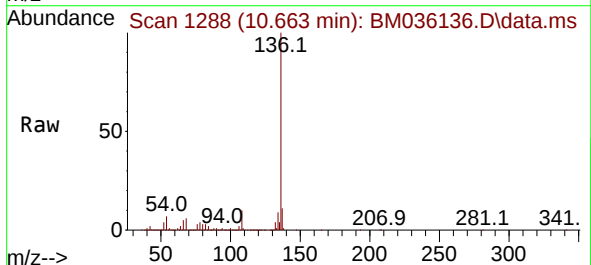
Instrument :
BNA_M
ClientSampleId :
VNJ-230

Tgt Ion: 99 Resp: 2301004
Ion Ratio Lower Upper
99 100
42 16.2 18.8 28.2#
71 31.9 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: BM036136.D
Acq: 06 Aug 2022 01:30

Tgt Ion: 136 Resp: 1182361
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.8 7.0 10.4#
68 5.7 4.3 6.5

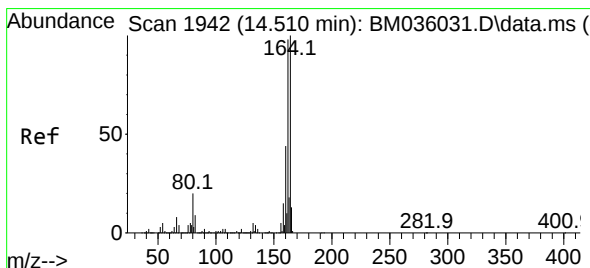
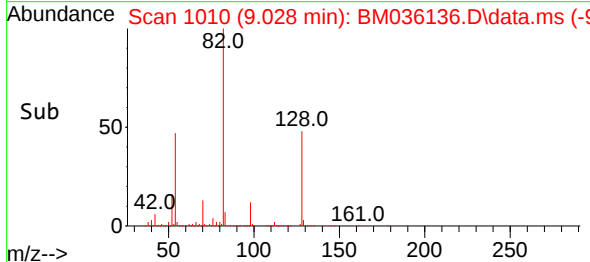
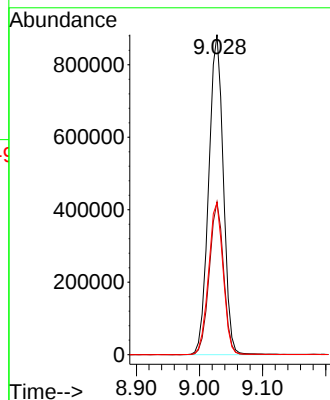
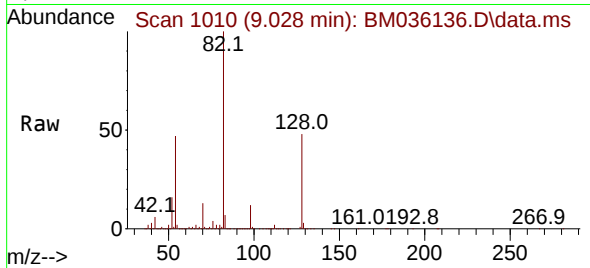




#23
Nitrobenzene-d5
Concen: 67.220 ng
RT: 9.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

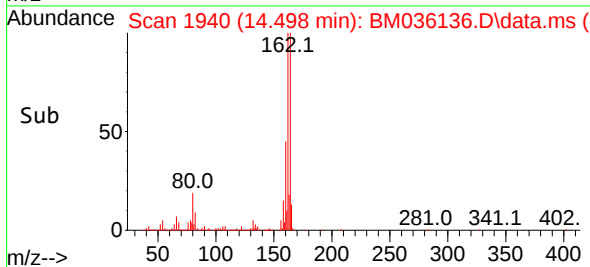
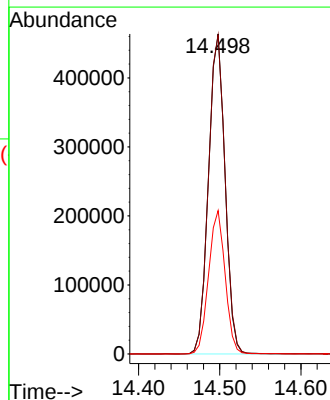
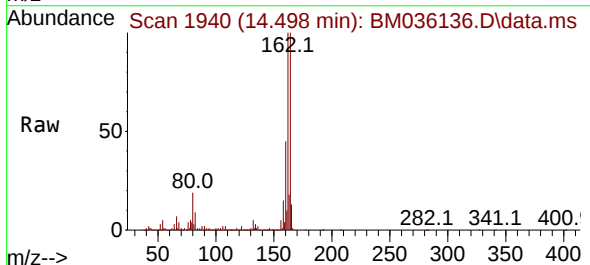
Instrument :
BNA_M
ClientSampleId :
VNJ-230

Tgt Ion: 82 Resp: 1419837
Ion Ratio Lower Upper
82 100
128 47.7 33.7 50.5
54 47.5 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: BM036136.D
Acq: 06 Aug 2022 01:30

Tgt Ion:164 Resp: 655088
Ion Ratio Lower Upper
164 100
162 99.7 83.0 124.6
160 44.8 37.0 55.4

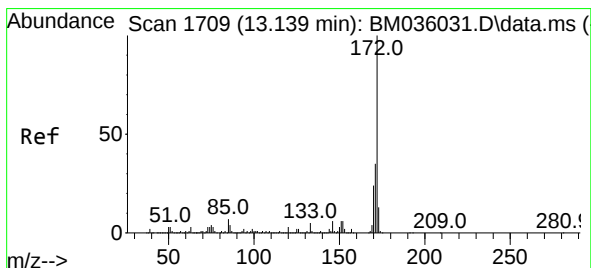
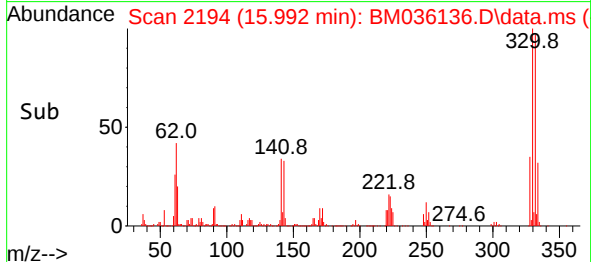
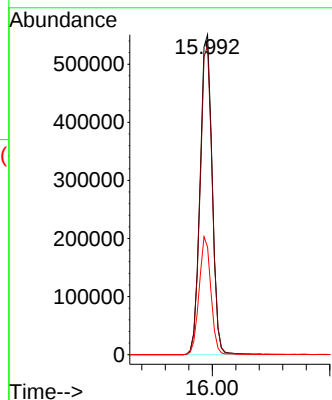
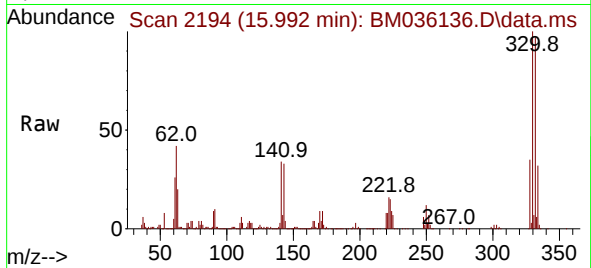




#42
2,4,6-Tribromophenol
Concen: 102.124 ng
RT: 15.992 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

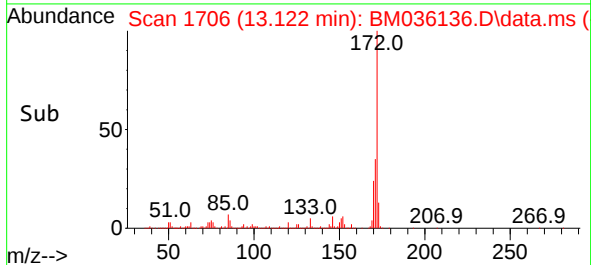
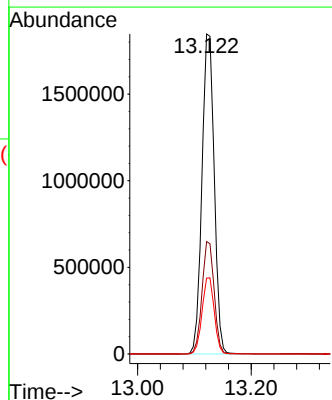
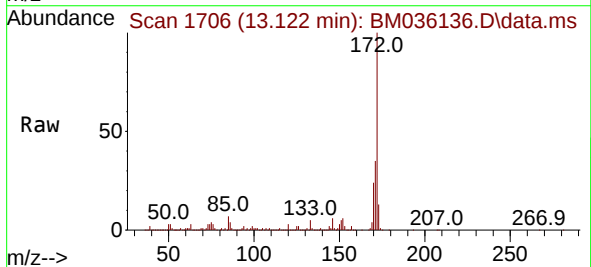
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BNA_M
ClientSampleId :
VNJ-230

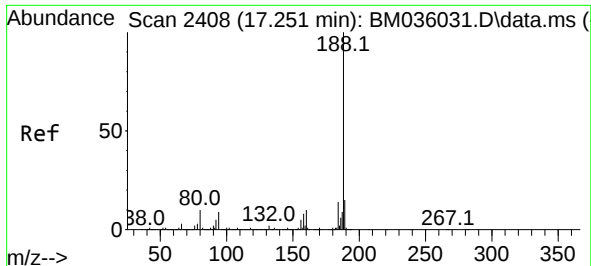
Tgt Ion:330 Resp: 784828
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 35.9 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 62.517 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

Tgt Ion:172 Resp: 2773770
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.7 18.7 28.1

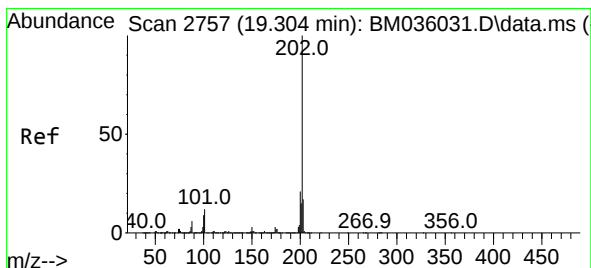
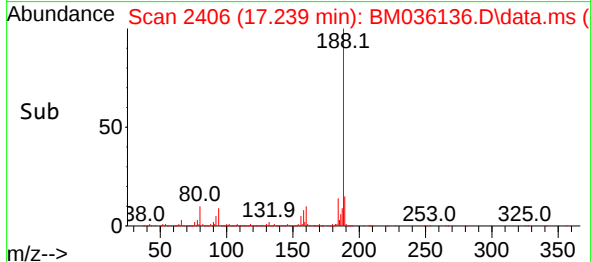
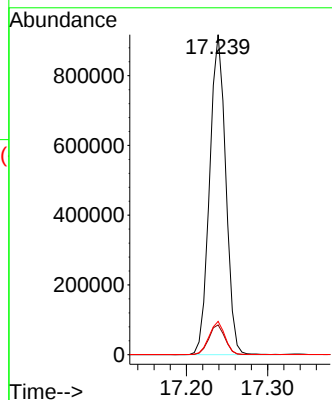
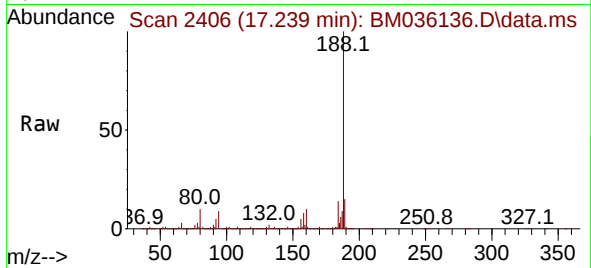




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

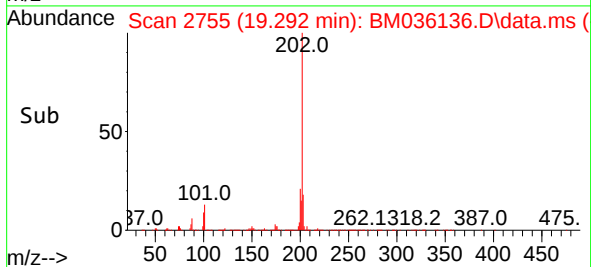
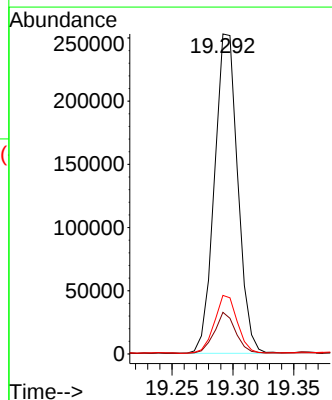
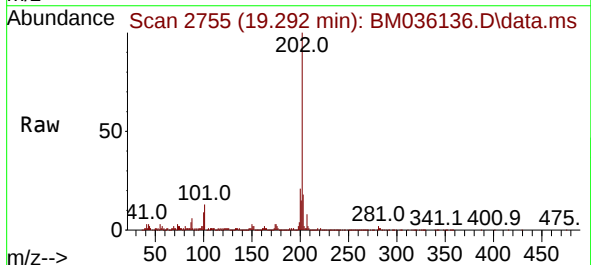
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VNJ-230

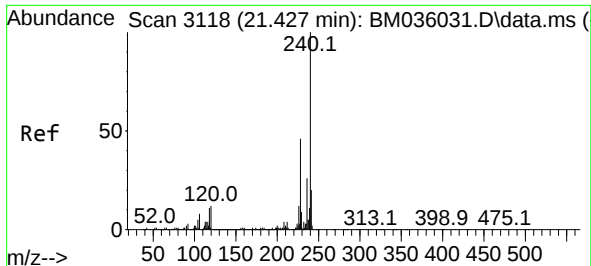
Tgt Ion:188 Resp: 1264928
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.4 7.6 11.4



#75
Fluoranthene
Concen: 4.670 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

Tgt Ion:202 Resp: 336851
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.6
203 18.3 0.0 37.4

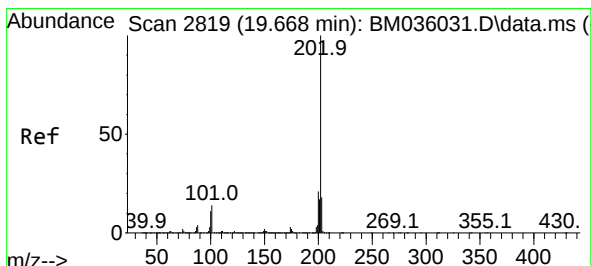
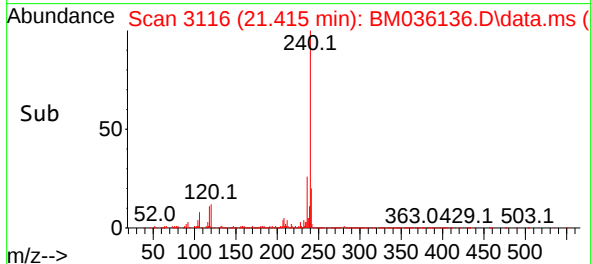
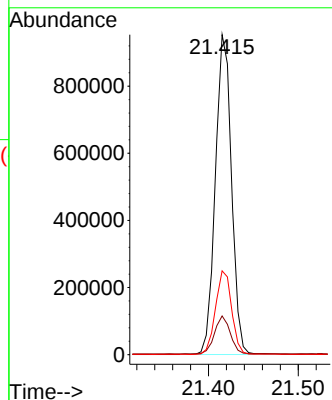
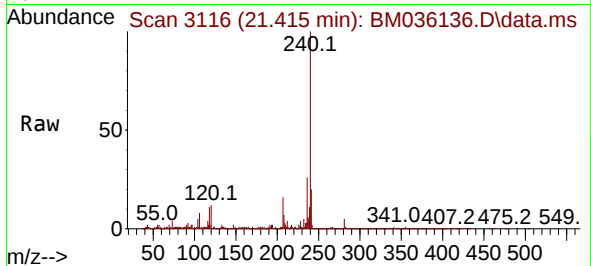




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

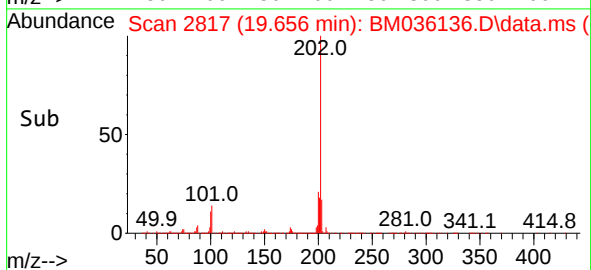
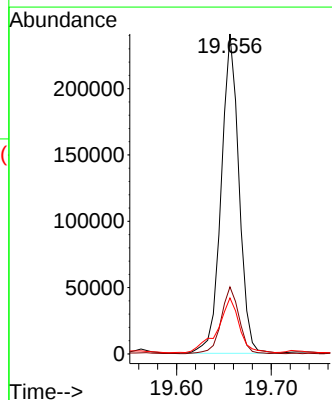
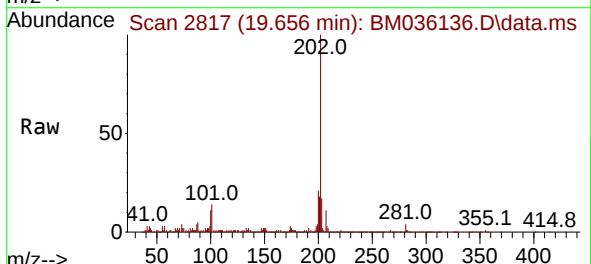
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ClientSampleId :
VNJ-230

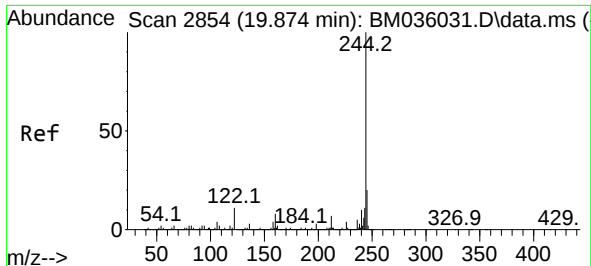
Tgt Ion:240 Resp: 1189736
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.0
236 26.2 20.6 30.8



#78
Pyrene
Concen: 4.258 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

Tgt Ion:202 Resp: 314128
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.5 13.9 20.9

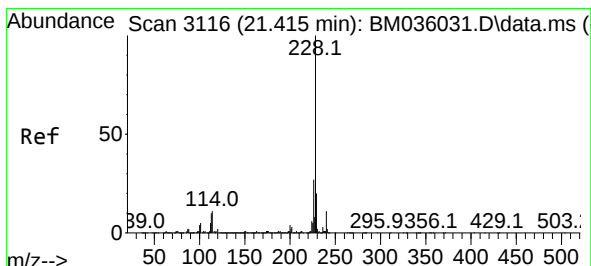
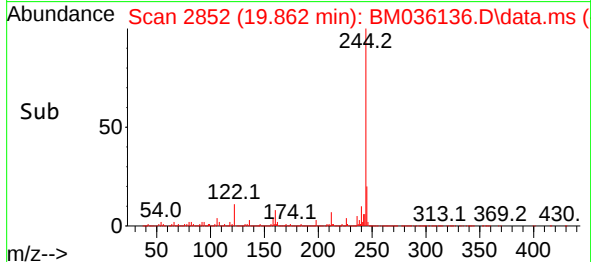
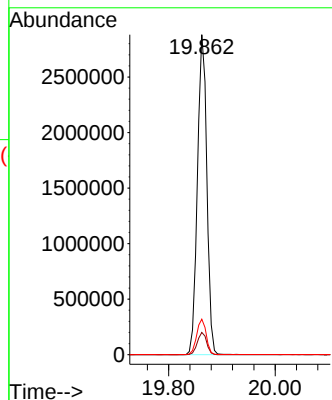
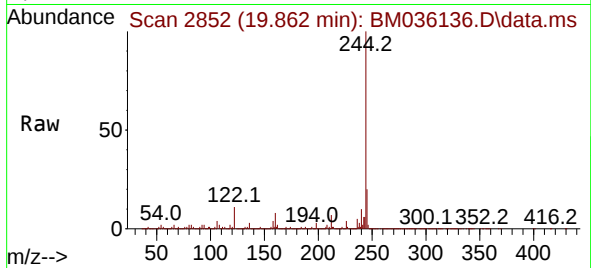




#79
 Terphenyl-d14
 Concen: 58.767 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036136.D
 Acq: 06 Aug 2022 01:30

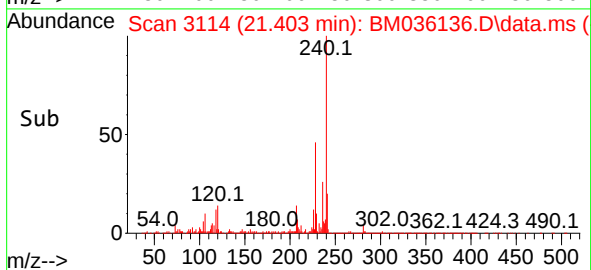
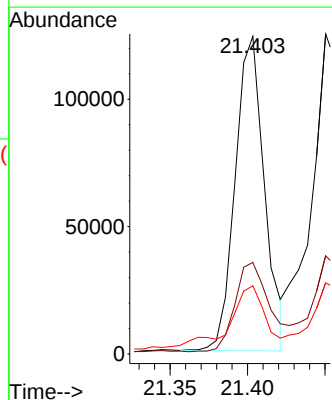
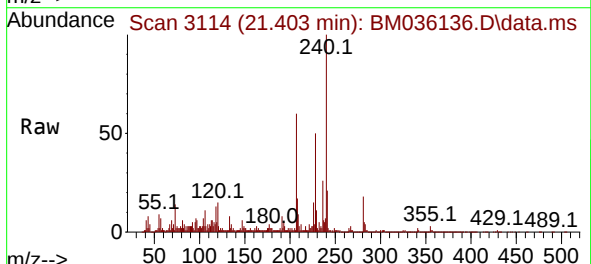
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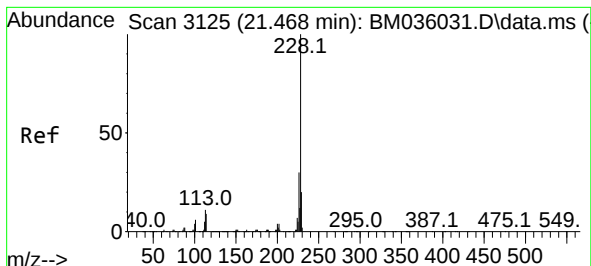
Tgt Ion:244 Resp: 3544684
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 11.1 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.208 ng
 RT: 21.403 min Scan# 3114
 Delta R.T. -0.006 min
 Lab File: BM036136.D
 Acq: 06 Aug 2022 01:30

Tgt Ion:228 Resp: 161821
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.3 33.5
 229 21.5 15.8 23.6





#83

Chrysene

Concen: 2.586 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM036136.D

Acq: 06 Aug 2022 01:30

Instrument :

BNA_M

ClientSampleId :

VNJ-230

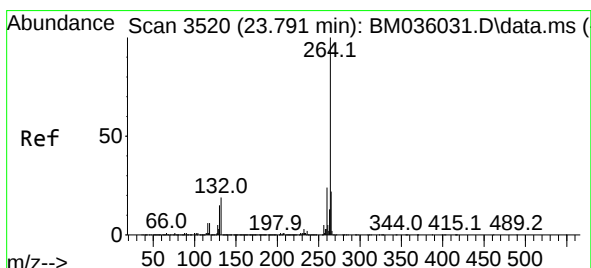
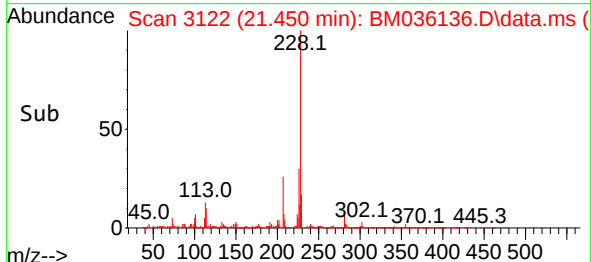
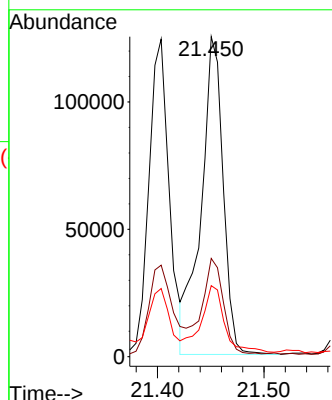
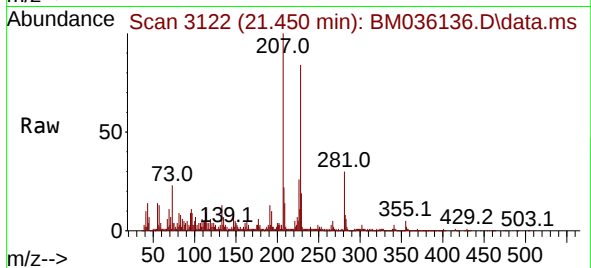
Tgt Ion:228 Resp: 180122

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 22.2 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.012 min

Lab File: BM036136.D

Acq: 06 Aug 2022 01:30

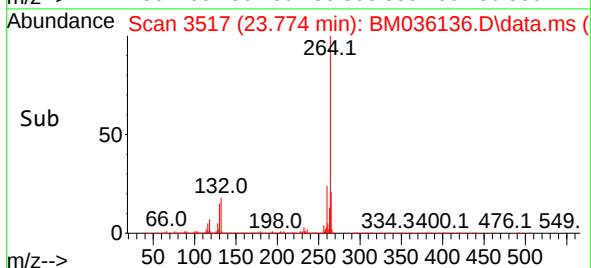
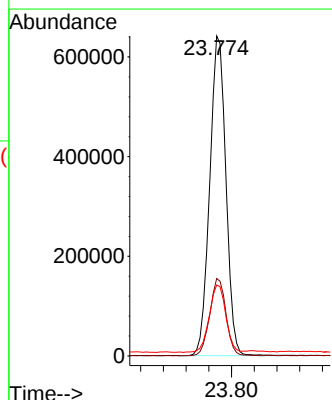
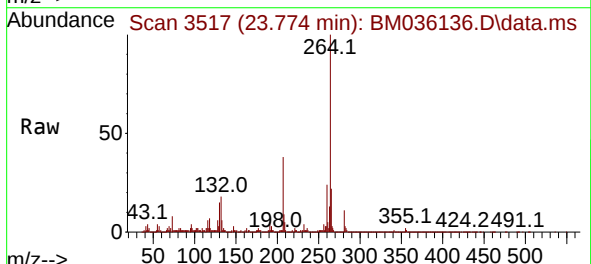
Tgt Ion:264 Resp: 1263961

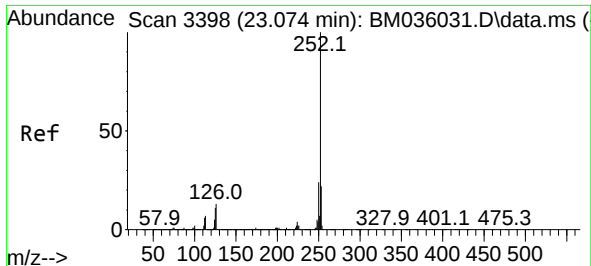
Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.2 17.5 26.3

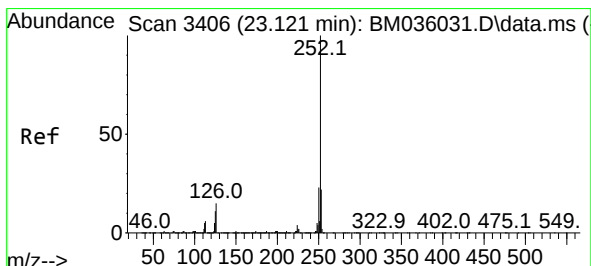
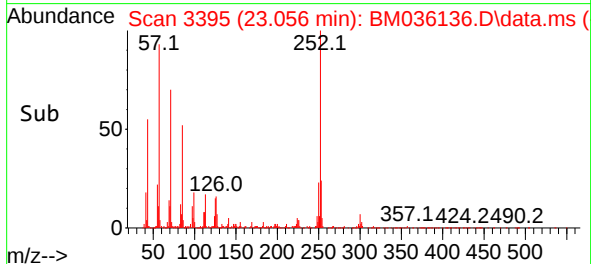
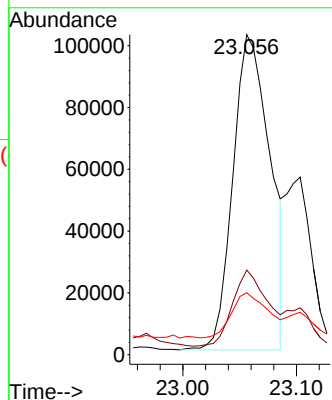
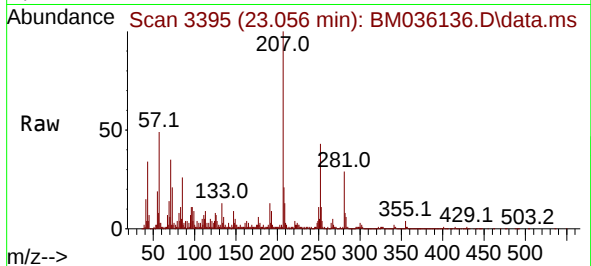




#88
Benzo(b)fluoranthene
Concen: 3.126 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

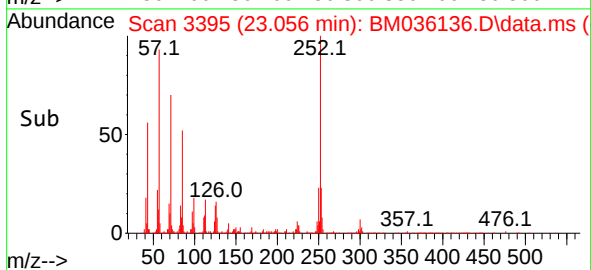
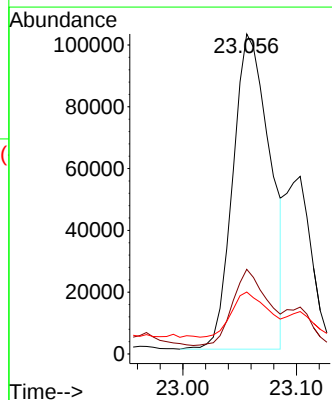
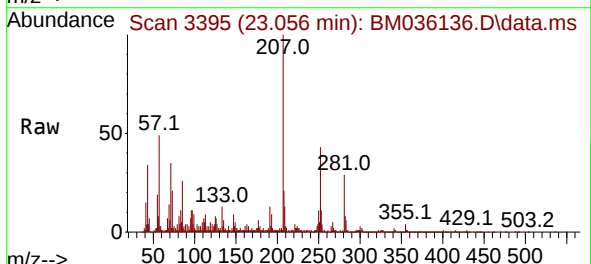
Instrument :
BNA_M
ClientSampleId :
VNJ-230

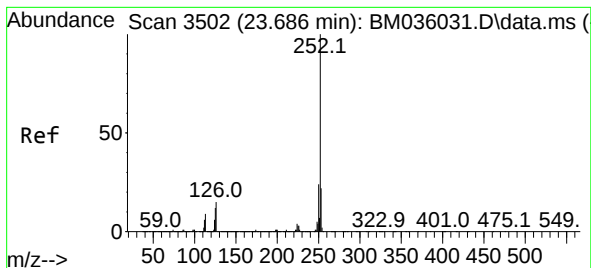
Tgt Ion:252 Resp: 231529
Ion Ratio Lower Upper
252 100
253 26.4 17.6 26.4#
125 19.3 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 3.095 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.059 min
Lab File: BM036136.D
Acq: 06 Aug 2022 01:30

Tgt Ion:252 Resp: 231529
Ion Ratio Lower Upper
252 100
253 26.4 17.5 26.3#
125 19.3 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 2.576 ng

RT: 23.668 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM036136.D

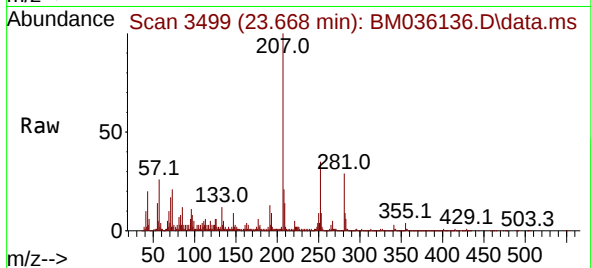
Acq: 06 Aug 2022 01:30

Instrument :

BNA_M

ClientSampleId :

VNJ-230



Tgt Ion:252 Resp: 160049

Ion Ratio Lower Upper

252 100

253 24.5 17.2 25.8

125 18.2 8.7 13.1#

